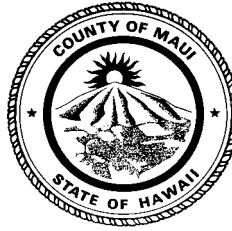

**MAUI
COUNTY
DATA BOOK
2 0 0 5**

COUNTY OF MAUI
OFFICE OF ECONOMIC DEVELOPMENT

HAWAI'I SMALL BUSINESS DEVELOPMENT CENTER NETWORK
HAWAI'I BUSINESS RESEARCH LIBRARY

A Partnership Program between the University of Hawaii at Hilo
and the U.S. Small Business Administration

December 2005



A message from
Mayor Alan Arakawa

Aloha kākou –

On behalf of the people of the County of Maui, it is my pleasure to present the 2005 edition of the *Maui County Data Book*.

The *Maui County Data Book* is the definitive statistical reference work on Maui Nui – Kaho`olawe, Lāna`i, Maui and Moloka`i. It contains tables and statistics covering a broad spectrum of economic activity. The findings presented in this book will help the reader in numerous ways: look up a fact, compare statistics over time, prepare for a grant, back up a business plan, decide where to start a business and, with the addition of community input, gain a better of understanding of what we Mauians define as Maui Nui.

None of the valuable information contained in the 2005 *Maui County Data Book* would be possible without the vital working partnership of the Hawai`i Small Business Development Center Network's Hawai`i Business Research Library in Kīhei and the Maui County Office of Economic Development. Together they provide the most up-to-date data critical to informed decision-making by both prospective and established businesses in our community.

As with earlier editions of the *Maui County Data Book*, the 2005 edition is available online at our Maui County Website at www.co.maui.hi.us and at the Hawai`i Business Research Library's Website www.hbri-sbdc.org, and we hope you will use it often to help you start-up, grow and expand upon your exciting business idea.

Aloha,

Alan Arakawa
Mayor

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Copies of this book are available from the Hawaii Business Research Library, Suite 136, 590 Lipoa Parkway, Kihei, Maui, Hawaii 96753. The price per copy is \$20.00 when picked up in person, and \$25.00 by first-class mail. An online version is available in Adobe Acrobat format (only) at <http://www.hbri-sbdc.org/>. The HBRL's *Hawaii SmallBizWeek E-News* newsletter is also available at the site. For further information, call (808) 875-2400, or (800) 509-3100 (in-state only).

The State of Hawaii Data Book is available on-line through the State of Hawaii Department of Business, Economic Development and Tourism. The tables are available at <http://www2.hawaii.gov/DBEDT/index.cfm>.

ABOUT THIS BOOK

We hope you find the 2005 edition of the *Maui County Data Book* useful and valuable. This publication provides economic, demographic and other statistical information about the County of Maui.

This thirteenth edition of the *Data Book* is produced by the Hawai'i SBDC Network, Hawaii Business Research Library (HBRL) under a grant from the County of Maui, administered by the Maui County Office of Economic Development. In addition to the print version, the *Data Book* is also available online via the Internet (<http://www.hbri-sbdc.org>). In addition to compiling and updating the *Data Book*, the Hawaii Business Research Library provides a call-in/email service to provide a wide range of business research services to individuals and businesses residing or operating in Hawai'i, or investigating business opportunities in Hawai'i. The *Data Book* and its source material are some of the key elements in the HBRL collection which includes a wide range of print and electronic resources selected to inform business decision-making.

Several other publications complement the *Maui County Data Book* for individuals needing more data about Hawai'i. The State of Hawai'i publishes *The State of Hawaii Data Book* (<http://www3.hawaii.gov/dbedt/index.cfm>) annually through the Hawaii State Department of Business, Economic Development and Tourism. The Hawaii County Department of Research and Development publishes statistical data books annually (http://www.hawaii-county.com/databook_current/dbooktoc.htm). The Hawaii State Office of Hawaiian Affairs publishes the *Native Hawaiian Data Book* (http://www.oha.org/pdf/databook_6_02.pdf).

Numerous agencies of the federal, state and county governments, as well as many private organizations in Maui County, in Hawai'i and on the mainland assisted the HBRL in preparing the Maui County Data Book. To them we extend our deepest appreciation for their support and cooperation.

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Section 1

GENERAL STATISTICS

“CDP” means Census Designated Place, a “densely settled concentration of population that is identifiable by name.” “CCD” means Census Community Division, which is based on a “well-known local name that identifies its location.” CCDs may contain one or more CDPs.

This section covers the statistics on population, population distribution, income, cost of living and other general aspects of Maui County.

The totals for population have been broken down by factors such as residence, population, de facto population (the number of people actually in the county), district, density, age, race and sex.

Population statistics are based on the April 1, 2000 census figures modified by provisional estimates supplied by the Federal-State Cooperative Program for Population Estimates.

Several of the tables address the cost of living and personal income which have been shown to be of great interest to users of this book. The primary measuring tool for cost of living increases is the consumer price index for urban dwellers (CPI-U). The Honolulu consumer price index has been compiled by the U.S. Bureau of Labor Statistics 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 1982–1984, the base date. Statistics for Maui County are not available, therefore the index for the City and County of Honolulu is provided.

The sources for this data are the U.S. Bureau of the Census, estimates developed by the Hawaii State Department of Business, Economic Development and Tourism, U.S. Department of Commerce, Hawaii State Department of Health, and the U.S. Bureau of Labor Statistics CPI Reports.

1.1.1 MAUI COUNTY STATISTICS

	Unit	Period	1999	2000	2001	2002	2003	2004	% Change Annual 03/04	% Change Annual 00/04
Resident Population ¹	Number	July 1	126,160	128,241	131,747 r	133,436 r	135,926 r	138,347	1.8	1.86
Civilian Labor Force	Number	Mo. Avg.	73,050 r	71,150 r	72,150 r	72,300 r	72,600 r	74,050	2.0	0.28
Employment	Number	Mo. Avg.	69,350 r	68,500 r	70,000 r	69,500 r	68,900 r	71,800	4.2	0.72
Unemployment	Number	Mo. Avg.	3,700 r	2,650 r	2,950 r	5,850 r	2,700 r	2,300	-14.8	2.52
Unemployment rate	Percent	Mo. Avg.	5.1 r	3.7 r	4.1 r	3.9 r	3.7 r	3.1	-16.2	-8.57
Total Job Count ²	Number	Mo. Avg.	58,150	60,500	62,150	61,900	63,400	65,850	3.9	2.53
Gross Business Receipts	Mil. \$	Total	3,429.5	3,821.2	3,941.6	3785.2	4,107.7	4,561.3	11.0	6.03
State Tax Collections ⁴	Thous. \$	Total	234,878	260,703	259,381	250,170	257,486	308,140	19.7	5.91
County Tax Collections ⁵	Thous. \$	Total	85,723	96,387	100,210	114,087	123,492	140,280	13.6	10.42
Estimated Domestic Visitors	Thous.	Total	1,866.5 ⁶	1,867.0 ⁷	1,727.2	1,770	1,900	1,938	2.0	0.87
Estimated International Visitors	Thous.	Total	480.5 ⁶	470.0	418.5	369	296	270	-8.9	-10.71
Hotel Inventory	Number	Feb.	18,609	18,270	18,234	17,992	18,578	18,485	-0.5	-0.12
Hotel Occupancy	Percent	Mo. Avg.	77.3	81.9	73.0	71	74.2	78.0	5.1	0.39
Private Permits	Thous. \$	Total	229,162	355,361	312,738	273,716	456,085	448,831	-1.6	19.13
Residential Permits	Thous. \$	Total	123,633	196,309	186,548	186,622	276,286	285,212	3.2	21.03
Non-Residential Permits	Thous. \$	Total	60,488	75,157	86,619	38,384	128,440	58,757	-54.3	32.84
Additions and Alterations	Thous. \$	Total	45,042	83,894	39,571	48,710	51,359	61,862	20.5	16.48
Real Estate Resales										
Single Family	Number	Total	965	985	986	978	1,410	1,221	-13.4	6.43
Average Price	Dollars	Avg.	344,848	441,143	402,272	491,248	591,222	730,264	23.5	17.02
Condominium	Number	Total	1,347	1,495	1,309	1,551	1,986	1,993	0.4	9.09
Average Price	Dollars	Avg.	305,672	399,172	391,385	300,985	354,444	438,255	23.6	9.39
Sugar Production, Raw Sugar 96 ^o	Thous. \$	Total	89,800	65,300	67,200	76,500	75,800	NA	NA	NA
Pineapple Sales, Fresh Equivalent	Thous. \$	Total	28,325	29,395	27,115	29,624	29,826	NA	NA	NA
Diversified Crops/Livestock	Thous. \$	Total	43,334 r	48,696 r	52,249 r	55,502 r	56,058	NA	NA	NA
Diversified Crops	Thous. \$	Total	36,850 r	41,306 r	46,247 r	49,448 r	49,918	NA	NA	NA
Livestock & Aquaculture	Thous. \$	Total	6,484 r	7,390 r	6,002 r	6,054 r	6,140	NA	NA	NA

¹ Preliminary estimates by the U.S. Bureau of the Census. ² Refers to number of jobs rather than number of persons employed. Persons with more than one job are counted more than once.
³ 1996-1998 figures are not comparable to other years due to low allocation to counties of electronically filed tax data. ⁴ Totals do not include real property taxes. ⁵ Fiscal year ending June 30.
⁶ Change in methodology. ⁷ Beginning 2000, includes passengers arriving on cruise ships.

NA: Not available *: Incremental change **: Average of incremental changes p: Preliminary r: Revised

SOURCE: Maui County Databook 2005, compilations from multiple sources.

1.1.2

**CENSUS BUREAU QUICK FACTS, MAUI COUNTY &
STATE OF HAWAII**

Category	Maui County	State of Hawaii
Population		
Population, 2004 estimate	138,221	1,262,840
Population, percent change, April 1, 2000 to July 1, 2004	7.9%	4.2%
Population, 2000	128,094	1,211,537
Population, percent change, 1990 to 2000	27.6%	9.3%
Persons under 5 years old, percent, 2000	6.7%	6.5%
Persons under 18 years old, percent, 2000	25.5%	24.4%
Persons 65 years old and over, percent, 2000	11.4%	13.3%
Female persons, percent, 2000	49.8%	49.8%
White persons, percent, 2000 (a)	33.9%	24.3%
Black or African American persons, percent, 2000 (a)	0.4%	1.8%
American Indian and Alaska Native persons, percent, 2000 (a)	0.4%	0.3%
Asian persons, percent, 2000 (a)	31.0%	41.6%
Native Hawaiian and Other Pacific Islander, percent, 2000 (a)	10.7%	9.4%
Persons reporting some other race, percent, 2000 (a)	1.4%	1.3%
Persons reporting two or more races, percent, 2000	22.2%	21.4%
White persons, not of Hispanic/Latino origin, percent, 2000	31.9%	22.9%
Persons of Hispanic or Latino origin, percent, 2000 (b)	7.8%	7.2%
General		
Living in same house in 1995 and 2000 ¹ , pct age 5+, 2000	55.8%	56.8%
Foreign born persons, percent, 2000	16.5%	17.5%
Language other than English spoken at home, pct age 5+, 2000	24.1%	26.6%
High school graduates, percent of persons age 25+, 2000	83.4%	84.6%
Bachelor's degree or higher, pct of persons age 25+, 2000	22.4%	26.2%
Persons with a disability, age 5+, 2000	23,820	199,819
Mean travel time to work (minutes), workers age 16+, 2000	21.7	26.1
Housing		
Housing units, 2002	58,519	470,512
Homeownership rate, 2000	57.6%	56.5%
Housing units in multi-unit structures, percent, 2000	37.5%	39.4%
Median value of owner-occupied housing units, 2000	\$249,900	\$272,700
Households, 2000	43,507	403,240
Persons per household, 2000	2.91	2.92
Median household income, 1999	\$49,489	\$49,820
Per capita money income, 1999	\$22,033	\$21,525
Persons below poverty, percent, 1999	10.5%	10.7%

1.1.2

CONTINUED

Category	Maui County	State of Hawaii
Business		
Private nonfarm establishments with paid employees, 2001	3,955	30,175
Private nonfarm employment, 2001	54,155	441,856
Private nonfarm employment, percent change 2000-2001	3.6%	2.3%
Nonemployer establishments, 2000	10,960	73,810
Manufacturers shipments, 1997 (\$1000)	259,608	3,192,532
Retail sales, 1997 (\$1000)	1,359,298	11,317,752
Retail sales per capita, 1997	\$11,410	\$9,516
Minority-owned firms, percent of total, 1997	38.4%	57.7%
Women-owned firms, percent of total, 1997	24.1%	27.5%
Housing units authorized by building permits, 2002	1,184	5,902
Federal funds and grants, 2002 (\$1000)	494,645	10,473,997
Geography		
Land area, 2000 (square miles)	1,159	6,423
Persons per square mile, 2000	110.5	188.6
FIPS Code	9	15
Metropolitan or Micropolitan Statistical Area	Kahului-Wailuku, HI Micro Area	

¹ Kalawao County included with Maui County; data not available separately.

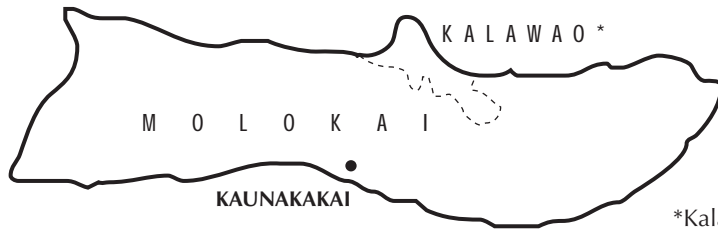
(a) Includes persons reporting only one race.

(b) Hispanics may be of any race, so also are included in applicable race categories.

SOURCE: US Census Bureau, *State & County QuickFacts*.

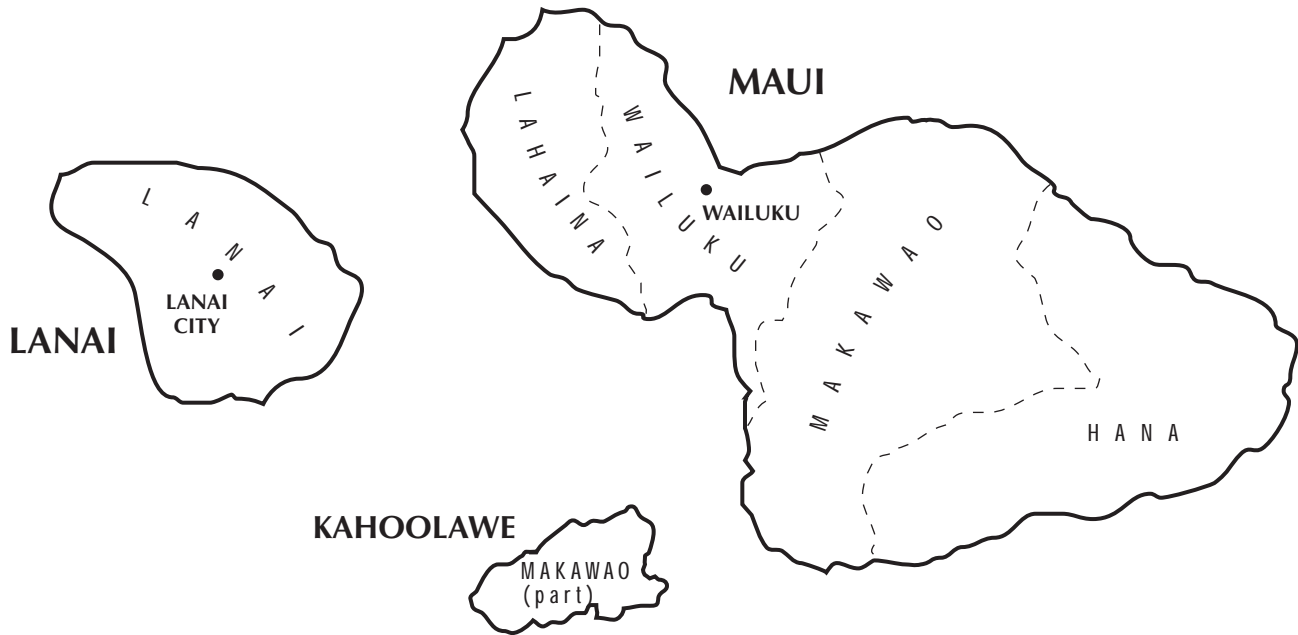
1.2.1

MAUI COUNTY AND DISTRICTS



MOLOKAI

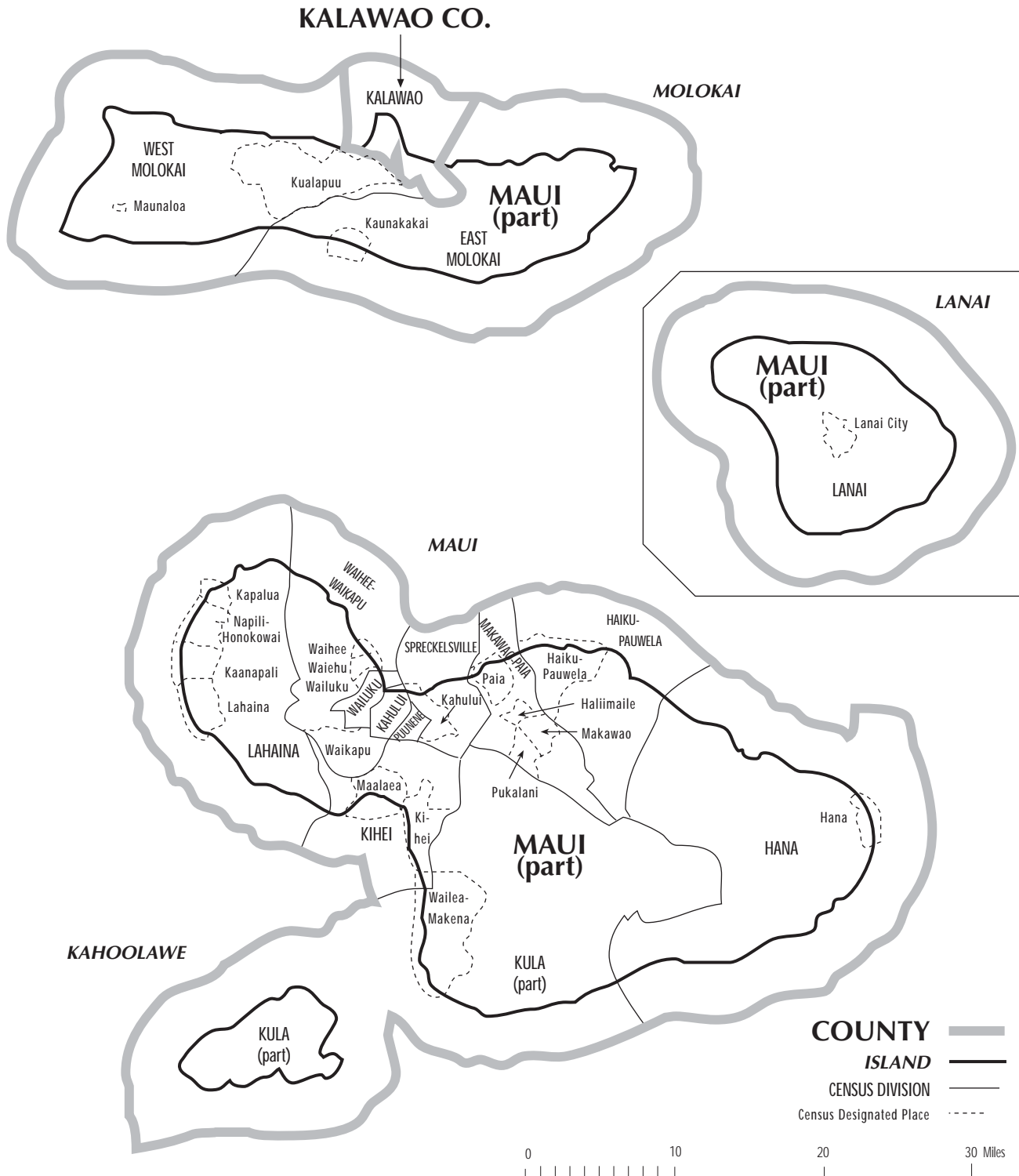
*Kalawao is officially designated as a separate county but is usually treated as a district of Maui for statistical purposes.



SOURCE: Hawaii State Department of Business, Economic Development and Tourism, 1991.

1.2.2

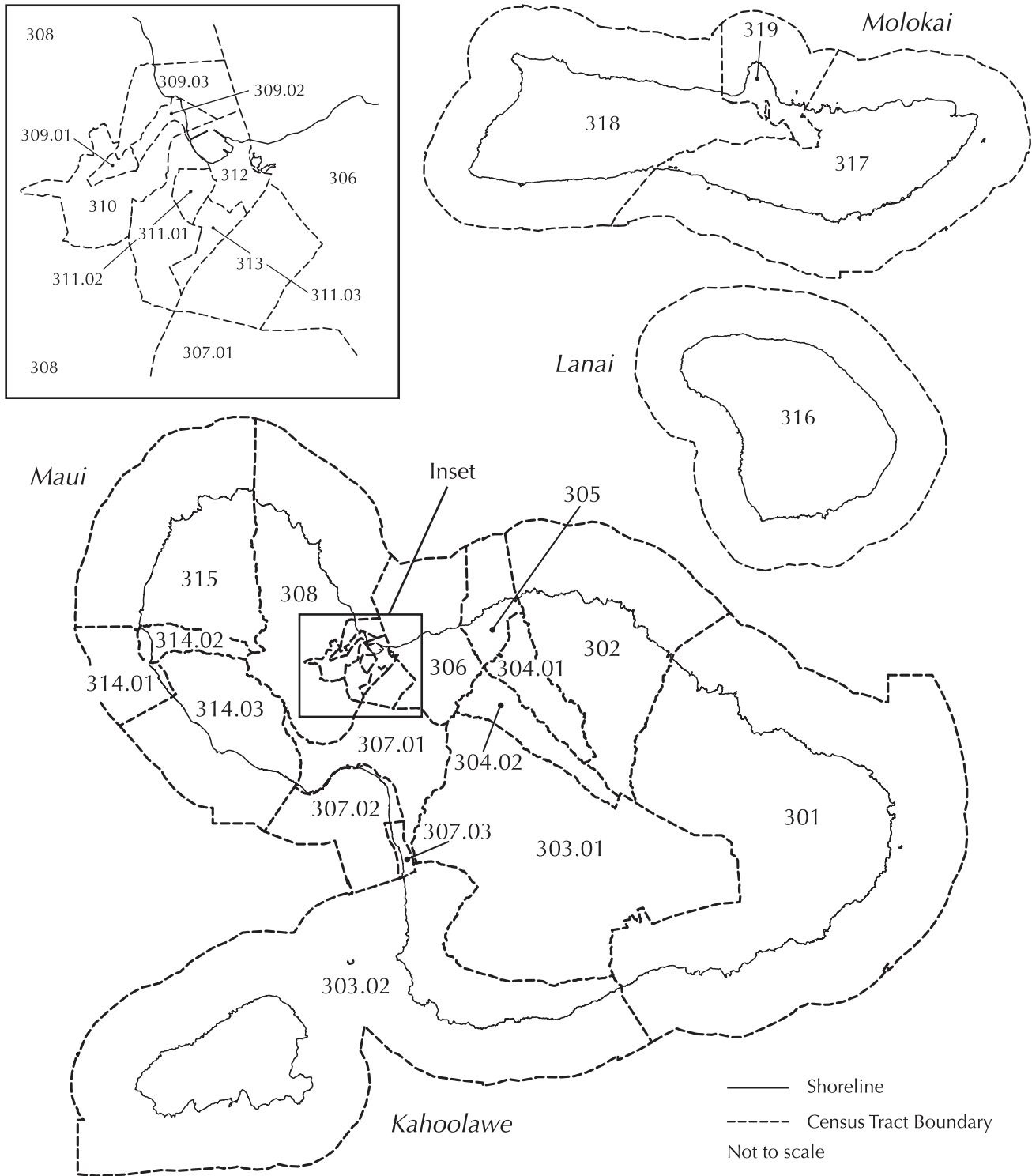
MAUI COUNTY SUBDIVISIONS AND PLACES



SOURCE: U.S. Department of Commerce, Bureau of the Census, 2001

1.2.3

MAUI COUNTY CENSUS TRACTS



SOURCE: U.S. Bureau of the Census, Redistricting Census 2000 TIGER/Line files, processed by the Hawaii SBDC Network Business Research Library.

1.3.1

RESIDENT POPULATION BY COUNTIES

Estimates based on place of usual residence; includes armed forces stationed or homeported in Hawaii and residents temporarily absent, excludes visitors present

Date	Maui County ¹	Hawaii County	Kauai County	City & County of Honolulu	State Total
July 1, 1980	71,600	92,900	39,400	764,600	968,500
July 1, 1981	74,000	96,100	40,500	767,600	978,200
July 1, 1982	77,100	98,800	41,800	776,100	993,800
July 1, 1983	80,100	100,800	42,800	789,100	1,012,700
July 1, 1984	83,000	103,500	43,600	797,800	1,027,900
July 1, 1985	85,100	105,900	44,400	804,300	1,039,700
July 1, 1986	87,400	108,400	45,600	810,400	1,051,800
July 1, 1987	90,500	111,700	47,200	818,400	1,067,900
July 1, 1988	93,800	113,400	48,500	824,100	1,079,800
July 1, 1989	96,800	116,600	49,800	831,300	1,094,600
July 1, 1990	101,588	121,458	51,625	838,032	1,112,703
July 1, 1991	105,013	126,684	53,121	846,594	1,131,412
July 1, 1992	108,585	131,630	54,439	863,959	1,158,613
July 1, 1993	111,944	135,085	55,461	870,348	1,172,838
July 1, 1994	114,754	137,713	56,478	878,591	1,187,536
July 1, 1995	117,895	140,492	57,068	881,399	1,196,854
July 1, 1996	120,689	141,935	57,688	883,443	1,203,755
July 1, 1997	122,772	144,445	57,712	886,711	1,211,640
July 1, 1998	124,648	145,833	57,843	886,909	1,215,233
July 1, 1999	126,160	146,970	58,264	878,906	1,210,300
April 1, 2000	128,241	148,677	58,463	876,156	1,211,537
July 1, 2001	131,684	151,773	59,031	882,550	1,225,038
July 1, 2002	133,320	154,821	59,960	892,562	1,240,663
July 1, 2003	135,734	158,423	60,747	902,704	1,257,608
July 1, 2004	138,347	162,971	61,929	899,593	1,262,840

¹Including Kalawao County (Kalaupapa Settlement).

SOURCE: U.S. Bureau of the Census, *1980 Census of Population-Characteristics of the Population-Number of Inhabitants Hawaii*, PC80-1-A13 (October 1981), table 2 and 1990 Census of Population and Housing-Summary Population and Housing Characteristics Hawaii, 1990 CPH-1-13 (August 1991), table 2; U.S. Census Bureau, Census 2000 Redistricting Data (P.L. 94-171) Summary File (March 19, 2001); and the U.S. Census Bureau, *Federal-State Cooperative Program for Population Estimates*.

1.3.2

DE FACTO POPULATION, BY COUNTIES

*Includes all persons physically present in area, regardless of military status or usual place of residence. Includes visitors present but excludes residents temporarily absent.
Both calculated as averages for 12-month periods centered on estimate date.*

Date	Maui County ¹	Hawaii County	Kauai County	City & County of Honolulu	State Total
April 1, 1980	85,803	98,588	46,048	821,068	1,051,508
July 1, 1981	89,000	101,700	47,300	824,700	1,062,600
July 1, 1982	94,200	104,300	48,400	837,600	1,084,600
July 1, 1983	104,000	108,500	50,500	846,300	1,109,200
July 1, 1984	114,400	109,600	54,100	852,300	1,130,500
July 1, 1985	115,400	112,500	55,200	854,800	1,137,800
July 1, 1986	120,100	116,600	59,700	871,000	1,167,500
July 1, 1987	123,100	120,400	62,100	881,000	1,186,500
July 1, 1988	125,700	122,200	64,200	888,200	1,200,400
July 1, 1989	139,200	132,300	68,100	905,900	1,245,600
April 1, 1990	134,569	133,202	66,699	896,260	1,230,731
July 1, 1991	139,120	140,657	69,347	897,798	1,246,923
July 1, 1992	145,617	145,319	65,614	906,425	1,262,974
July 1, 1993	147,566	146,373	60,596	901,984	1,256,519
July 1, 1994	150,424	148,172	66,376	911,199	1,276,171
July 1, 1995	152,600	149,789	67,842	911,501	1,281,732
July 1, 1996	154,407	151,264	69,263	909,660	1,284,594
July 1, 1997	158,415	157,637	70,318	919,240	1,305,611
July 1, 1998	159,650	161,212	72,299	916,203	1,309,366
July 1, 1999	161,636	160,046	72,735	913,222	1,307,639
April 1, 2000	168,544	167,073	75,200	927,173	1,337,991
July 1, 2000	168,439	166,384	74,711	925,233	1,334,767
July 1, 2001r	168,164	168,220	73,926	923,382	1,333,692
July 1, 2002r	171,155	172,062	74,904	929,831	1,347,952
July 1, 2003r	174,374	174,976	76,079	930,928	1,356,357
July 1, 2004	177,755	180,226	78,001	940,858	1,376,840

¹Including Kalawao County (Kalaupapa Settlement).

^r Revised from previous *Data Book*.

SOURCE: Federal-State Cooperative Program for Population Estimates; Hawaii State Department of Business, Economic Development and Tourism, Tourism Research Branch; calculations by DBEDT.

1.3.3

RESIDENT POPULATION BY COUNTIES AND DISTRICTS

County and District	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
Maui County¹	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
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
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. Department of Commerce, Bureau of the Census, 2000 Census of Population and Housing, *Census 2000 Redistricting Data Summary: Hawaii* (March 2001); and *1990 Census of Population and Housing, Population and Housing Unit Counts, Hawaii*, 1990 CPH-2-13 (March 1993), table 8.

1.3.4

POPULATION DENSITY, MAUI COUNTY

Area	All Persons	Land Area (sq. miles)	Persons Per Square Mile
Maui + Kalawao Counties	128,241	1,172.4	109.4
Maui Island	117,644	771.9	152.4
Haiku-Pauwela division	8,377	59.9	139.8
Hana division	1,855	180.5	10.3
Kahului division	20,134	5.8	3,501.4
Kihei division	19,843	38.8	511.5
Kula division	9,729	263.4	36.9
Lahaina division	17,967	95.9	187.4
Makawao-Paia division	18,370	43.3	424.1
Puunene division	12	4.6	2.6
Spreckelsville division	337	19.8	17.0
Waihee-Waikapu division	3,397	54.6	62.2
Wailuku division	17,623	5.3	3,324.4
Haiku-Pauwela CDP	6,578	15.8	417.5
Haliimaile CDP	895	1.7	534.0
Hana CDP	709	2.2	326.0
Kaanapali CDP	1,375	4.9	282.8
Kahului CDP	20,146	15.2	1,328.7
Kapalua CDP	467	1.7	272.9
Kihei CDP	16,749	10.2	1,648.6
Lahaina CDP	9,118	5.8	1,584.7
Maalaea CDP	454	4.8	95.3
Makawao CDP	6,327	4.7	1,353.8
Napili-Honokowai CDP	6,788	5.9	1,153.9
Paia CDP	2,499	6.1	410.8
Pukalani CDP	7,380	4.4	1,671.1
Waihee-Waiehu CDP	7,310	4.3	1,718.5
Waikapu CDP	1,115	11.0	101.6
Wailea-Makena CDP	5,671	22.6	250.6
Wailuku CDP	12,296	5.1	2,427.4
Molokai	7,404	260.0	28.5
Kalawao County (Kalaupapa)	147	13.2	11.1
East Molokai CCD	4,688	119.4	39.3
West Molokai CCD	2,569	127.4	20.2
Kaunakakai CDP	2,726	2.0	1,342.7
Kualapuu CDP	1,936	30.5	63.5
Maunaloa CDP	230	0.2	1,374.6
Lanai	3,193	140.5	22.7
Lanai City CDP	3,164	3.6	885.5

NOTE: See chapter introduction for definitions of CDP and CCD.

SOURCE: U.S. Bureau of the Census, *Census 2000 Redistricting Data Summary: Hawaii* (March 2001).

1.3.5

**RESIDENT POPULATION AND HOUSEHOLDS,
MAUI COUNTY BY DISTRICT AND CENSUS TRACT**

District and Census Tract	Population	Households
Maui + Kalawao Counties	128,241	43,622
Hana	1,855	592
301	1,855	592
Makawao	36,476	13,009
302	8,377	2,973
303.01	6,659	2,522
303.02	3,070	1,408
304.01	8,147	2,760
304.02	7,708	2,558
305	2,515	788
Wailuku	61,346	20,409
306	337	130
307.01	3,579	1089
307.02	8,057	2,974
307.03	8,207	3494
308	3,397	1050
309.01	2,437	963
309.02	2,661	971
309.03	6,682	1,637
310	5,843	2,221
311.01	6,908	1,938
311.02	4,730	1,500
311.03	4,720	1,231
312	3,776	1,206
313	12	5
Lahaina	17,967	6,031
314.01	2,492	988
314.02	2,433	646
314.03	4,276	1,000
315	8,766	3,397
Lanai	3,193	1161
316	3,193	1161
Molokai	7,257	2,305
317	4,688	1,527
318	2,569	778
Kalawao (Kalaupapa)	147	115
319	147	115

SOURCE: U.S. Bureau of the Census, *Census 2000 Summary File 1: Hawaii* (July 2001).

1.3.6

SUMMARY CHARACTERISTICS OF PERSONS FOR MAUI COUNTY AND CENSUS DESIGNATED PLACES, BY RACE AND SEX

	Total Population	SEX		RACE (ALONE OR IN COMBINATION)							
		Male	Female	White	Black or African American	American Indian and Alaska Native	Asian	Hawaiian and Other Pacific Islander	Some other race	Hispanic or Latino (any race)	
Maui County	128,094	64,329	63,765	62,688	1,272	2,738	61,148	33,019	5,874	16,511	
Maui Island	117,644	59,175	58,469	59,640	1,179	2,488	55,656	27,835	5,585	15,376	
Haiku-Pauwela division	8,377	4,272	4,105	6,347	124	273	2,109	1,917	352	1,106	
Haiku-Pauwela CDP	6,578	3,361	3,217	4,889	94	200	1,811	1,514	259	889	
Hana division	1,855	899	956	814	6	49	556	1,178	35	180	
Hana CDP	709	334	375	248	2	13	255	543	8	78	
Kahului division	20,134	9,929	10,205	5,022	172	399	14,675	5,375	1,336	3,105	
Kahului CDP (part)	20,134	9,929	10,205	5,022	172	399	14,675	5,375	1,336	3,105	
Kihei division	19,843	10,096	9,747	12,550	326	394	6,737	3,221	769	2,087	
Kihei CDP	16,749	8,502	8,247	10,026	273	333	6,176	2,985	678	1,824	
Maalaea CDP	454	240	214	405	2	5	46	18	9	27	
Wailea-Makena CDP (part)	2,630	1,347	1,283	2,119	51	56	505	211	82	236	
Kula division	9,729	4,783	4,946	7,369	78	201	2,513	1,202	283	751	
Wailea-Makena CDP (part)	3,041	1,532	1,509	2,620	30	48	432	159	53	163	
Lahaina division	17,967	9,303	8,664	9,330	184	335	7,387	3,341	992	2,118	
Kaanapali CDP	1,375	725	650	1,183	18	6	153	58	67	164	
Kapalua CDP	467	224	243	327	3	-	103	116	16	34	
Lahaina CDP	9,118	4,738	4,380	3,442	72	177	5,169	1,997	416	984	
Napili-Honokowai CDP	6,788	3,502	3,286	4,294	91	145	1,895	1,075	478	922	
Makawao-Paia division	18,370	9,195	9,175	10,834	145	483	8,214	5,003	967	3,235	
Halimaile CDP	895	459	436	281	2	26	542	309	30	97	
Makawao CDP	6,327	3,156	3,171	4,095	55	225	2,548	1,853	362	1,337	

1.3.6

CONTINUED

	Total Population	SEX		RACE (ALONE OR IN COMBINATION)							
		Male	Female	White	Black or African American	American Indian and Alaska Native	Asian	Hawaiian and Other Pacific Islander	Some other race	Hispanic or Latino (any race)	
Paia CDP	2,499	1,275	1,224	1,279	17	57	1,242	708	165	481	
Pukalani CDP	7,380	3,655	3,725	4,132	59	138	3,661	1,937	379	1,192	
Puunene division	12	7	5	4	-	-	6	3	-	-	
Kahului CDP (part)	12	7	5	4	-	-	6	3	-	-	
Spreckelsville division	337	174	163	300	3	-	36	10	13	18	
Kahului CDP (part)	-	-	-	-	-	-	-	-	-	-	
Waihee-Waikapu division	3,397	1,724	1,673	1,324	21	38	1,884	966	118	321	
Waihee-Waiehu CDP (part)	1,330	685	645	548	8	17	643	451	51	129	
Waikapu CDP	1,115	560	555	365	12	13	753	298	32	115	
Wailuku CDP (part)	653	317	336	262	-	7	421	68	12	72	
Wailuku division	17,623	8,793	8,830	5,746	120	316	11,539	5,619	720	2,455	
Waihee-Waiehu CDP (part)	5,980	2,979	3,001	1,679	39	107	4,179	1,964	192	863	
Wailuku CDP (part)	11,643	5,814	5,829	4,067	81	209	7,360	3,655	528	1,592	
Molokai (including Kalawao)	7,404	3,618	3,786	2,299	75	189	3,101	4,599	169	702	
West Molokai division	2,569	1,280	1,289	734	30	67	952	1,727	68	211	
Kualapuu CDP	1,936	973	963	478	24	45	781	1,352	59	176	
Maunaloa CDP	230	120	110	72	1	12	90	142	4	17	
Kalawao division	147	73	74	46	-	-	27	74	10	6	
East Molokai division	4,688	2,265	2,423	1,519	45	122	2,122	2,798	91	485	
Kaunakakai CDP	2,726	1,305	1,421	705	24	60	1,481	1,551	53	295	
Lanai	3,193	1,609	1,584	795	18	61	2,418	659	130	439	
Lanai division	3,193	1,609	1,584	795	18	61	2,418	659	130	439	
Lanai City CDP	3,164	1,593	1,571	777	18	61	2,410	651	130	439	

SOURCE: U.S. Bureau of the Census, Census 2000 Summary File 1: Hawaii (July 2001).

1.3.7

**POPULATION BY AGE GROUP,
MAUI COUNTY AND CENSUS DESIGNATED PLACES**

	Total Population	Under 5	5 to 9 yrs	10 to 17 yrs	18 to 21 yrs	22 to 24 yrs	25 to 34 yrs	35 to 44 yrs	45 to 54 yrs	55 to 59 yrs	60 to 64 yrs	65 to 74 yrs	75 to 84 yrs	85 yrs & over	Median age
Maui County	128,094	8,579	9,079	9,336	8,658	6,970	17,723	21,891	19,823	6,599	4,807	7,715	5,272	1,642	36.8
Kalawao County (Kalaupapa)	147	0	0	3	0	2	9	18	31	19	18	35	12	0	58.6
Maui Island	117,644	7,822	8,182	13,433	5,194	3,911	16,569	20,458	18,511	6,056	4,323	6,963	4,753	1,469	36.9
Haiku-Pauwela division	8,377	586	613	946	349	271	1,201	1,668	1,568	408	210	311	191	55	36.5
Haiku-Pauwela CDP	6,578	458	506	747	282	206	956	1,303	1,182	322	167	253	145	51	36.1
Hana division	1,855	134	135	284	91	65	207	215	345	105	82	110	63	19	35.6
Hana CDP	709	62	60	102	39	39	89	72	110	39	28	41	25	3	30.7
Kahului division	20,134	1,438	1,456	2,295	1,051	806	2,797	2,770	2,307	990	861	1,621	1,273	469	35.8
Kahului CDP (part)	20,134	1,438	1,456	2,295	1,051	806	2,797	2,770	2,307	990	861	1,621	1,273	469	35.8
Kihei division	19,843	1,313	1,430	2,027	835	707	3,170	3,903	3,182	1,012	694	907	542	121	36.1
Kihei CDP	16,749	1,145	1,253	1,804	741	621	2,716	3,344	2,630	784	534	668	411	98	35.3
Maalaea CDP	454	12	7	11	7	3	41	67	95	58	49	57	41	6	52.9
Wailea-Makena CDP (part)	2,630	156	169	212	87	82	411	489	457	168	111	182	89	17	39.4
Kula division	9,729	424	525	986	249	155	958	1,669	2,227	690	461	716	499	170	44.5
Wailea-Makena CDP (part)	3,041	106	112	191	61	42	346	490	708	287	203	301	165	29	47.6
Lahaina division	17,967	1,229	1,066	1,686	752	683	3,141	3,301	2,642	953	689	989	660	176	36.1
Kaanapali CDP	1,375	69	76	79	35	12	188	233	261	108	96	132	82	4	44.8
Kapalua CDP	467	39	17	26	20	10	59	91	58	27	42	46	26	6	41.7
Lahaina CDP	9,118	555	522	1,000	424	374	1,515	1,526	1,272	499	347	539	410	135	36.0
Napili-Honokowai CDP	6,788	541	441	562	260	279	1,349	1,404	1,028	307	194	259	138	26	34.8
Makawao-Paia division	18,370	1,249	1,372	2,482	877	588	2,345	3,273	3,022	903	596	943	550	170	36.0
Haliimaile CDP	895	43	48	112	59	44	135	123	119	25	34	71	52	30	35.9
Makawao CDP	6,327	469	490	912	297	201	838	1,184	1,026	278	174	259	155	44	34.6

1.3.7

CONTINUED

	Total Population	Under 5	5 to 9 yrs	10 to 17 yrs	18 to 21 yrs	22 to 24 yrs	25 to 34 yrs	35 to 44 yrs	45 to 54 yrs	55 to 59 yrs	60 to 64 yrs	65 to 74 yrs	75 to 84 yrs	85 yrs & over	Median age
Paia CDP	2,499	180	182	302	170	100	352	452	349	113	87	106	80	26	33.9
Pukalani CDP	7,380	478	581	1,010	307	200	891	1,303	1,257	378	246	439	227	63	36.9
Puunene division	12	-	-	-	-	-	-	3	3	2	-	2	2	-	55.0
Kahului CDP (part)	12	-	-	-	-	-	-	3	3	2	-	2	2	-	55.0
Spreckelsville division	337	20	31	44	7	3	37	62	68	24	8	13	14	6	40.2
Kahului CDP (part)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Waihee-Waikapu division	3,397	234	239	437	168	88	325	629	628	173	118	179	147	32	38.7
Waihee-Waiehu CDP (part)	1,330	86	95	153	64	45	129	260	206	75	55	86	64	12	38.7
Waikapu CDP	1,115	79	81	141	54	23	137	190	195	51	35	54	61	14	37.3
Wailuku CDP (part)	653	46	52	106	27	9	29	131	171	27	16	21	15	3	41.0
Wailuku division	17,623	1,195	1,315	2,246	815	545	2,388	2,965	2,519	796	604	1,172	812	251	36.1
Waihee-Waiehu CDP (part)	5,980	451	581	1,015	336	191	723	1,067	796	233	165	258	133	31	31.3
Wailuku CDP (part)	11,643	744	734	1,231	479	354	1,665	1,898	1,723	563	439	914	679	220	38.3
Lanai	3,193	220	270	400	141	108	425	474	364	162	163	214	184	68	35.6
Lanai division	3,193	220	270	400	141	108	425	474	364	162	163	214	184	68	35.6
Lanai City CDP	3,164	220	269	398	141	108	425	469	358	159	160	213	176	68	35.4
Molokai (with Kalaupapa)	7,404	537	627	1,223	382	177	738	977	979	400	339	573	347	105	35.2
East Molokai division	4,688	333	358	808	255	121	435	618	653	247	211	362	206	81	35.6
Kaunakakai CDP	2,726	193	214	472	145	81	243	373	344	128	118	231	128	56	35.5
Kalawao division	147	-	-	3	1	1	9	18	31	19	18	35	12	-	58.6
West Molokai division	2,569	204	269	412	126	55	294	341	295	134	110	176	129	24	32.9
Kualapuu CDP	1,936	141	196	312	96	42	226	260	230	104	80	127	105	17	33.6
Maunaloa CDP	230	24	30	46	16	3	24	34	21	7	5	14	4	2	21.8

SOURCE: U.S. Bureau of the Census, Census 2000 Summary File 1: Hawaii (July 2001).

1.3.8

POPULATION BY RACE, MAUI COUNTY

Race	Race Alone	Percent	Race In Comb. ¹	Percent
All Races (Total Population)	128,094	100.00%		
White	43,421	33.90%	62,688	48.94%
Of Portuguese Ancestry ²			7,142	5.58%
Black	509	0.40%	1,272	0.99%
AIAN ³	479	0.37%	2,738	2.14%
ASIAN	39,728	31.01%	61,148	47.74%
Chinese	1,197	0.93%	11,511	8.99%
Filipino	21,804	17.02%	34,445	26.89%
Japanese	12,926	10.09%	21,305	16.63%
Korean	765	0.60%	2,102	1.64%
Vietnamese	317	0.25%	390	0.30%
NHPI ⁴	13,730	10.72%	33,019	25.78%
Hawaiian	11,410	8.91%	29,952	23.38%
Samoan	208	0.16%	772	0.60%
Tongan	902	0.70%	1,269	0.99%
Micronesian	745	0.58%	1,112	0.87%
Fijian	ND		ND	
Some Other Race	1,743	1.36%	5,874	4.59%
Two or More Races	28,484	22.24%		

ND: Not Disclosed. Population count is 0 or less than 100

¹ Race in Comb.: Race alone or in combination with one or more other races. Some individuals may be counted more than once.

² Of Portuguese Ancestry: Number does not reflect whether Race Alone or Race in Combination.

³ AIAN: American Indian or Alaskan native.

⁴ NHPI: Native Hawaiian or other Pacific Islander

SOURCE: U.S. Census Bureau, Census 2000, Summary File 2.

1.3.9

COMPONENTS OF CHANGE IN THE RESIDENT POPULATION OF MAUI COUNTY

Change	Births	Deaths	Natural Increase (Births-Deaths)	Net International Migration	Net Internal Migration	Numeric Population Change
4/90-7/99	16,911	6,438	6,214	22	5,135	-351
4/1/2000-7/1/2000	470	189	281	126	224	628
7/1/2000-7/1/2001	1,895	827	1,068	647	1,240	2,940
4/1/2000-7/1/2001	2,365	1,016	1,349	773	1,464	3,568
7/1/2001-7/1/2002	2,148	753	1,395	718	20	2,133
7/1/2002-7/1/2003	1,895	967	928	625	871	2,420
7/1/2003-7/1/2004	2,013	990	1,023	610	790	2,425

NOTES: Net International Migration consists of (1) legal immigration to the United States as reported by the Immigration and Naturalization Service, (2) an estimate of net undocumented immigration from abroad, (3) an estimate of emigration from the United States, and (4) net movement between Puerto Rico and the (balance of) the United States. Net Internal Migration is the difference between domestic immigration to an area and domestic outmigration from it during the period. Domestic immigration and outmigration consist of moves where both the origins and destinations are within the United States (excluding Puerto Rico).

SOURCE: U.S. Department of Commerce, Bureau of the Census, Population Estimates Program, Population Division, "County Population Estimates and Demographic Components of Population Change: Annual Time Series, July 1, 2003 to July 1, 2004."

1.3.10
MARRIAGES BY RESIDENCY OF
BRIDE AND GROOM, MAUI COUNTY¹

Residency	1998	1999	2000	2001	2002	2003	2004
Both Bride and Groom are Residents	892	981	991	1,003	941	998	957
Only One is a Resident	48	41	43	36	47	69	51
Both Bride and Groom are Non-Residents	5,796	6,748	7,839	7,199	7,950	8,653	9,012
Total	6,736	7,770	8,873	8,238	8,938	9,720	10,020

¹ Includes Kalawao.

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

1.3.11
MARRIAGES IN MAUI COUNTY¹ WHERE BOTH
BRIDE AND GROOM ARE NON-RESIDENTS

	2000	2001	2002	2003	2004	2005
January	436	411	420	468	575	511
February	586	532	664	560	617	584
March	582	594	568	719	685	651
April	684	639	648	693	784	735
May	926	863	932	1,031	1,032	1,047
June	716	692	683	830	833	805
July	612	594	652	739	821	739
August	655	595	724	810	779	819
September	824	653	842	851	865	827
October	798	676	800	835	940	n/a
November	579	520	577	641	587	n/a
December	441	430	440	476	494	n/a
Total	7,839	7,199	7,950	8,653	9,012	n/a

¹ Includes Kalawao.

n/a: Not available.

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

1.3.12

LIVE BIRTHS, MAUI COUNTY BY ZIP CODE

CALENDAR YEAR AND PLACE OF MOTHER'S RESIDENCE

Zip Code	Location	1999	2000	2001	2002	2003	2004
Maui Island							
96708	Haiku	117	107	114	124	99	101
96713	Hana	38	18	40	33	29	33
96732	Kahului	284	305	293	310	350	303
96753	Kihei	331	334	260	301	306	347
96761	Lahaina	266	274	266	290	279	296
96768	Makawao/Pukalani	196	204	221	190	226	232
96779	Paia	34	48	34	38	40	43
96784	Puunene	1	0	0	0	9	0
96790	Kula	70	77	55	69	70	78
96793	Wailuku	331	332	328	333	350	333
Lanai							
96763	Lanai City	45	46	35	38	37	26
Molokai							
96729	Hoolehua	16	22	20	14	13	19
96748	Kaunakakai	62	70	56	82	49	55
96757	Kualapuu	8	8	11	15	13	9
96770	Maunaloa	9	19	12	13	8	9
Unknown		0	0	8	5	0	11
Total		1,808	1,865	1,753	1,855	1,878	1,895

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

1.3.13

**CHARACTERISTICS OF LIVE BIRTHS,
MAUI COUNTY**

Characteristic	2002	Percent	2003	Percent	2004	Percent
Births By Area of Residence						
Maui County	1,859	100.00%	1,883	100.00%	1,895	100.00%
Maui	1,698	91.34%	1,761	93.52%	1,774	93.61%
Molokai	125	6.27%	86	4.57%	121 ¹	6.39%
Lanai	38	2.04%	36	1.91%	n/a	n/a
Ethnicity of Child						
Caucasian	383	20.60%	371	19.70%	438	23.11%
Hawaiian	794	42.71%	808	42.91%	782	41.27%
Chinese	n/a	n/a	25	1.33%	27	1.42%
Filipino	387	20.82%	408	21.67%	370	19.53%
Japanese	129	6.94%	104	5.52%	107	5.65%
All Others	166	8.93%	167	8.87%	171	9.02%
Total	1,859	100.00%	1,883	100.00%	1,895	100.00%
Ethnicity of Mother						
Caucasian	523	28.13%	531	28.20%	572	30.18%
Hawaiian	590	31.74%	589	31.28%	592	31.24%
Chinese	n/a	n/a	13	0.69%	20	1.06%
Filipino	439	23.61%	428	22.73%	427	22.53%
Japanese	136	7.32%	140	7.43%	116	6.12%
All Others	171	9.20%	182	9.67%	168	8.87%
Total	1,859	100.00%	1,883	100.00%	1,895	100.00%

¹ Both Molokai and Lanai.

n/a: Not available.

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

1.3.14

**POPULATION AND ECONOMIC PROJECTIONS,
MAUI COUNTY: 2000 TO 2030**

Forecast Variables	Historical		Projected				
	2000	2005	2010	2015	2020	2025	2030
Total resident population	128,969	140,050	151,300	162,600	174,450	186,850	199,550
DeFacto population	168,541	181,850	197,550	213,850	229,700	246,400	263,500
Gross County Product (in current dollars)	4,723	5,832	7,317	9,181	11,457	14,305	17,896
Total Personal Income (in current dollars) \$ million	3,220	4,168	5,322	6,887	8,952	11,596	14,824.2
Per capita personal income (in current dollars)	24,973	29,759	35,178	42,354	51,316	62,064	74,283
Number employed	68,400	73,568	77,619	81,431	85,276	89,239	93,392
Labor force	71,400	77,115	81,704	85,717	89,764	93,935	98,307
Unemployment rate (%)	4.2	4.6	5.0	5.0	5.0	5.0	5.0
Total self-employed jobs	17,845	19,675	21,476	23,422	25,529	27,796	30,274
Total civilian wage and salary jobs	62,450	66,722	70,479	74,297	78,163	82,201	86,438
Agriculture	2,321	2,320	2,297	2,269	2,249	2,234	2,222
Mining and construction	2,980	3,358	3,466	3,505	3,510	3,556	3,653
Manufacturing	1,721	1,578	1,549	1,523	1,496	1,467	1,441
Transportation and Utilities	2,872	3,137	3,346	3,535	3,720	3,905	4,095
Information	991	972	1,033	1,087	1,140	1,195	1,253
Trade	9,663	10,136	10,709	11,313	11,925	12,564	13,217
Finance, insurance and real estate	2,618	3,138	3,341	3,541	3,743	3,947	4,158
Business and professional services	4,466	4,758	5,062	5,384	5,715	6,067	6,444
Health services	3,613	4,267	4,564	4,875	5,187	5,519	5,858
Accommodation and food services	18,431	18,844	20,071	21,385	22,735	24,096	25,504
Other services	4,804	5,394	5,751	6,112	6,488	6,875	7,281
Government	7,970	8,821	9,291	9,767	10,256	10,776	11,313
Visitor arrivals (in \$ thousand)	2,305	2,390	2,590	2,860	3,090	3,330	3,570
Visitor days (in \$ thousand)	16,051	17,450	18,900	20,900	22,550	24,250	26,050
Visitor expenditures (in \$ million)	2,006	2,274	2,934	3,716	4,643	5,774	7,199
Hotel rooms	18,270	18,270	19,380	21,270	22,920	24,690	26,510
Hotel occupancy rates (%)	80.3	81.0	82.3	82.9	82.9	82.9	82.9

NOTE: "The projections ... are neither targets nor goals. Rather, they are DBEDT's best estimates for important population and economic variables based on the currently available information" (from the Introduction).

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Population and Economic Projections for the State of Hawaii to 2030*, August 2004.

1.4.1

PERSONAL INCOME, TOTAL AND PER CAPITA, BY COUNTIES

All figures revised

Year	Maui + Kalawao Counties	Hawaii County	Kauai County	City and County of Honolulu	State Total
Total Personal Income (x \$1,000)					
1992	2,300,306	2,300,625	1,090,632	22,218,097	27,909,660
1993	2,421,011	2,418,474	1,133,079	22,826,450	28,799,014
1994	2,524,210	2,497,283	1,181,347	23,221,255	29,424,095
1995	2,582,973	2,552,238	1,225,950	23,565,253	29,926,414
1996	2,628,372	2,626,445	1,221,403	23,646,046	30,122,266
1997	2,706,070	2,693,916	1,238,384	24,363,482	31,001,852
1998	2,848,193	2,865,367	1,272,456	24,770,656	31,756,672
1999	3,036,459	2,987,074	1,319,431	25,302,751	32,645,715
2000	3,240,658	3,195,347	1,410,114	26,604,764	34,450,883
2001	3,345,029	3,371,216	1,434,026	26,976,012	35,126,283
2002	3,519,221	3,546,329	1,480,534	27,936,227	36,482,311
2003	3,712,082	3,730,331	1,569,289	29,001,504	38,013,206
2004	NA	NA	NA	NA	40,612,700
Per Capita Income (\$)					
1992	21,184	17,478	20,034	25,717	24,089
1993	21,627	17,903	20,430	26,227	24,555
1994	21,997	18,134	20,917	26,430	24,777
1995	21,909	18,166	21,482	26,736	25,004
1996	21,778	18,505	21,173	26,766	25,024
1997	22,041	18,650	21,458	27,476	25,587
1998	22,850	19,648	21,998	27,929	26,132
1999	24,068	20,324	22,646	28,789	26,973
2000	25,135	21,403	24,090	30,393	28,422
2001	25,390	22,211	24,280	30,675	28,745
2002	26,374	22,901	24,680	31,522	29,552
2003	27,310	23,500	25,838	32,463	30,441
2004	NA	NA	NA	NA	32,160

NA: Data not available for this year.

Notes:

1. Census Bureau midyear population estimates. Estimates for 2000-2003 reflect county population estimates available as of April 2005.
2. Per capita personal income was computed using Census Bureau midyear population estimates. Estimates for 2000-2003 reflect county population estimates available as of April 2005.
3. Per capita personal income is total personal income divided by total midyear population.
4. All state and local area dollar estimates are in current dollars (not adjusted for inflation).

SOURCE: Regional Economic Information System, Bureau of Economic Analysis, 2005.

1.4.2

COST OF LIVING COMPARISON

Homeowning family of 4 with an annual income of \$80,000

Standard City, USA	Austin, TX	Kihei, HI	Seattle, WA	Boston, MA	San Jose, CA
100.0	94.2	108.9	116.2	116.3	115.5

NOTE: The indices reflect the total expenses of housing, transportation, goods and services, and taxes. Standard City, USA represents the national average cost.

SOURCE: Runzheimer International, 1999 cost of living comparison commissioned by the Maui Economic Development Board.

1.4.3

CONSUMER PRICE INDEX (ALL ITEMS COMBINED), BY TYPE OF CONSUMER: HONOLULU

1982–1984 average = 100

Year	URBAN WAGE EARNERS AND ALL URBAN CONSUMERS (CPI-U)			CLERICAL WORKERS (CPI-W)		
	First Half	Second Half	Annual Average	First Half	Second Half	Annual Average
1988	120.1	123.4	121.7	121.1	124.5	122.8
1989	126.4	131.1	128.7	127.4	132.0	129.7
1990	135.5	140.8	138.1	136.3	141.6	138.9
1991	146.8	149.1	148.0	147.7	150.1	148.9
1992	153.9	156.4	155.1	154.6	157.2	155.9
1993	158.6	161.6	160.1	159.4	162.0	160.7
1994	163.4	165.7	164.5	163.5	165.8	164.7
1995	166.9	169.4	168.1	167.2	169.7	168.4
1996	170.5	171.0	170.7	170.8	171.2	171.0
1997	172.1	171.8	171.9	172.4	172.0	172.2
1998	172.0	171.0	171.5	172.3	171.0	171.6
1999	172.7	173.8	173.3	173.0	173.9	173.4
2000	175.9	176.7	176.3	176.0	176.9	176.5
2001	178.1	178.7	178.4	178.6	179.5	179.1
2002	180.1	180.4	180.3	180.4	180.7	180.6
2003	183.2	185.7	184.5	183.4	185.3	184.3
2004	190.6	189.2	191.9	190.2	188.8	191.5

NOTE: See section introduction (General Statistics) for CPI-U and CPI-W definitions.

SOURCE: U.S. Bureau of Labor Statistics, *CPI Detailed Report* (monthly), BLS tapes tabulated by Hawaii State Data Center, and BLS.

1.4.4

**ESTIMATED COST OF LIVING BY CATEGORY, COUNTIES OF HAWAII
RELATIVE TO WASHINGTON, DC**

Expenditure Item	Maui Index	Honolulu Index	Hawaii Index	Kauai Index	Expenditure Item	Maui Index	Honolulu Index	Hawaii Index	Kauai Index
Food	134.08	122.24	120.75	127.66	Transportation	125.90	118.67	118.02	121.37
Cereals and bakery products	168.84	149.58	155.11	162.92	Motor vehicle costs	114.93	108.88	100.64	108.56
Meats, poultry, fish, and eggs	131.51	112.97	113.41	116.75	Gasoline and motor oil	133.65	113.73	121.90	126.75
Dairy products	134.00	127.68	139.91	163.44	Maintenance and repairs	101.69	117.73	102.07	111.57
Fruits and vegetables	140.61	125.39	121.93	139.47	Vehicle insurance	99.63	103.42	103.83	83.83
Processed foods	166.13	159.28	155.19	155.96	Public transportation	250.37	218.80	268.41	261.81
Other food at home	134.66	131.16	129.50	130.62	Medical	95.93	89.90	89.11	90.77
Nonalcoholic beverages	137.96	138.17	137.26	146.04	Health insurance	78.85	78.47	77.33	78.32
Food away from home	120.67	108.75	104.99	110.18	Medical services	116.19	99.61	101.87	99.65
Alcoholic beverages	118.23	106.06	102.89	116.57	Drugs and medical supplies	109.95	105.46	100.69	110.40
Shelter and Utilities	148.36	143.77	115.95	141.32	Recreation	106.87	106.91	101.72	109.90
Shelter	128.09	132.59	90.58	118.21	Fees and admissions	95.25	99.68	88.62	104.33
Energy utilities	363.28	267.67	382.07	391.70	Television, radios, sound equip	109.47	105.22	108.38	109.71
Water and other public services	87.46	86.36	52.84	48.30	Pets, toys, & playground equip.	130.22	118.33	122.30	118.40
Household Furnishings & Supplies	106.13	104.33	104.41	104.93	Other entertainment supplies	98.62	104.64	102.43	102.74
Household operations	92.79	92.92	84.04	83.39	Personal care products	120.70	113.55	112.43	121.58
Housekeeping supplies	123.00	109.88	120.63	124.86	Personal care services	98.52	104.96	76.48	94.99
Textiles and area rugs	102.31	102.31	111.24	102.31	Reading	97.78	104.55	96.21	135.52
Furniture	99.49	99.49	99.49	99.49	Education and Communication	101.31	101.20	100.88	101.43
Major appliances	115.55	115.80	124.66	119.73	Education	89.53	156.34	70.08	80.64
Small appliances, misc. housewares	111.79	111.88	111.00	116.04	Communications	102.17	98.89	102.58	102.73
Misc. household equipment	107.24	112.04	107.00	108.65	Computers and computer services	98.89	98.89	98.89	98.89
Apparel and Services	125.84	122.55	118.00	127.09	Miscellaneous	102.64	103.35	103.09	104.46
Men and boys	125.02	112.36	116.53	107.91	Tobacco products, etc	134.73	121.60	125.05	127.28
Women and girls	114.10	122.50	102.20	110.27	Miscellaneous	108.83	117.30	114.55	123.45
Children under 2	116.89	119.50	116.12	121.60	Personal insurance and pensions	100.00	100.00	100.00	100.00
Footwear	115.95	115.42	109.23	109.41	Overall Price Index	127.49	122.78	112.11	123.58
Other apparel products and services	173.03	148.23	172.72	223.87	Plus Adjustment Factor	7.00	5.00	7.00	7.00
					Index Plus Adjustment Factor	134.49	127.78	119.11	130.58

NOTE: Surveys conducted by Office of Personnel Management (OPM) in the spring and summer of 2004.

Adjustment Factor: A negotiated factor to reflect differences in living costs that might not be captured by the surveys.

SOURCE: U.S. Office of Personnel Management, "2004 Nonforeign Area Cost-of-Living Allowance Survey Report: Pacific and Washington, DC, Areas," Federal Register vol. 70 No. 149, August 4, 2005, pp. 44989-45023.

1.4.5

EARNINGS BY DETAILED INDUSTRY, MAUI COUNTY

Earnings by Industry ¹	2003	Earnings by Industry	2003
Personal income	3,712,082	Nondurable goods manufacturing	76,860
Population (persons) ²	135,926	Food manufacturing	41,349
Per capita personal income (dollars)	27,310	Beverage and tobacco product manufacturing	(D)
Earnings by place of work	2,912,119	Textile mills	0
less: Contributions for government social insurance ³	313,056	Textile product mills	646
plus: Adjustment for residence ⁴	(18,201)	Apparel manufacturing	433
equals: Net earnings by place of residence	2,580,862	Leather and allied product manufacturing	(D)
plus: Dividends, interest, and rent ⁵	609,399	Paper manufacturing	22,277
plus: Personal current transfer receipts	521,821	Printing and related support activities	5,829
Wage and salary disbursements	2,149,299	Petroleum and coal products manufacturing	(D)
Supplements to wages and salaries	447,667	Chemical manufacturing	(D)
Proprietors' income ⁶	315,153	Plastics and rubber products manufacturing	133
Farm proprietors' income	407	Wholesale trade	56,921
Nonfarm proprietors' income	314,746	Retail trade	291,053
Farm earnings	64,064	Motor vehicle and parts dealers	41,237
Nonfarm earnings	2,848,055	Furniture and home furnishings stores	11,859
Private earnings	2,380,842	Electronics and appliance stores	(D)
Forestry, fishing, related activities, and other ⁷	(D)	Building material and garden supply stores	25,474
Forestry and logging	137	Food and beverage stores	53,014
Fishing, hunting, and trapping	(D)	Health and personal care stores	17,306
Agriculture and forestry support activities	(D)	Gasoline stations	12,893
Other ⁷	0	Clothing and clothing accessories stores	40,500
Mining	(D)	Sporting goods, hobby, book and music stores	12,205
Oil and gas extraction	0	General merchandise stores	40,652
Mining (except oil and gas)	(D)	Miscellaneous store retailers	31,758
Support activities for mining	0	Nonstore retailers	(D)
Utilities	37,622	Transportation and warehousing	103,295
Construction	219,191	Air transportation	31,061
Construction of buildings	52,842	Rail transportation	0
Heavy and civil engineering construction	36,217	Water transportation	(D)
Specialty trade contractors	130,132	Truck transportation	16,774
Manufacturing	110,336	Transit and ground passenger transportation	7,487
Durable goods manufacturing	33,476	Pipeline transportation	0
Wood product manufacturing	(D)	Scenic and sightseeing transportation	28,314
Nonmetallic mineral product manufacturing	15,381	Support activities for transportation	9,044
Primary metal manufacturing	7,097	Couriers and messengers	5,586
Fabricated metal product manufacturing	2,299	Warehousing and storage	(D)
Machinery manufacturing	(D)	Information	54,628
Computer and electronic product manufacturing	(D)	Publishing industries, except Internet	16,060
Electrical equipment and appliance manufacturing	0	Motion picture and sound recording industries	1,683
Motor vehicle manufacturing	(L)	Broadcasting, except Internet	3,267
Transportation equipment mfg. excl. motor vehicles	295	Internet publishing and broadcasting	(D)
Furniture and related product manufacturing	(D)	Telecommunications	31,638
Miscellaneous manufacturing	3,754	ISPs, search portals, and data processing	(D)
		Other information services	0

1.4.5

CONTINUED

Earnings by Industry	2003	Earnings by Industry	2003
Finance and insurance	60,773	Arts, entertainment, and recreation	94,094
Monetary authorities - central bank	0	Performing arts and spectator sports	34,626
Credit intermediation and related activities	38,922	Museums, historical sites, zoos, and parks	8,950
Securities, commodity contracts, investments	13,032	Amusement, gambling, and recreation	50,518
Insurance carriers and related activities	8,819	Accommodation and food services	633,442
Funds, trusts, and other financial vehicles	0	Accommodation	470,406
Real estate and rental and leasing	104,024	Food services and drinking places	163,036
Real estate	72,987	Other services, except public administration	125,423
Rental and leasing services	(D)	Repair and maintenance	(D)
Lessors of nonfinancial intangible assets	(D)	Personal and laundry services	24,742
Professional and technical services	95,653	Membership associations and organizations	55,765
Management of companies and enterprises	22,982	Private households	(D)
Administrative and waste services	125,012	Government and government enterprises	467,213
Administrative and support services	104,455	Federal, civilian	49,855
Waste management and remediation services	20,557	Military	39,057
Educational services	24,180	State and local	378,301
Health care and social assistance	(D)	State government	259,304
Ambulatory health care services	144,330	Local government	118,997
Hospitals	(D)		
Nursing and residential care facilities	(D)		
Social assistance	(D)		

Notes: Includes Kalawao County.

All state and local area dollar estimates are in current dollars (not adjusted for inflation).

¹ The estimates of earnings for 2001-2003 are based on the 2002 North American Industry Classification System (NAICS).

² Census Bureau midyear population estimates. Estimates for 2001-2003 reflect county population estimates available as of April 2004.

³ Contributions for government social insurance are included in earnings by type and industry but they are excluded from personal income.

⁴ The adjustment for residence is the net inflow of the earnings of interarea commuters. For the United States, it consists of adjustments for border workers: Wage and salary disbursements to U.S. residents commuting to Canada less wage and salary disbursements to Canadian and Mexican residents commuting into the United States.

⁵ Rental income of persons includes the capital consumption adjustment.

⁶ Proprietors' income includes the inventory valuation adjustment and capital consumption adjustment.

⁷ "Other" consists of wage and salary disbursements to U.S. residents employed by international organizations and foreign embassies and consulates in the United States.

(D) Not shown to avoid disclosure of confidential information, but the estimates for this item are included in the totals.

SOURCE: U.S. Bureau of Economic Analysis, *Regional Economic Information System*, April 2005.

1.4.6

DETAILED CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U): HONOLULU

1982–1984 average = 100 unless otherwise noted

Group	2000	2001	2002	2003	2004
ALL ITEMS	176.3	178.4	180.3	184.5	190.6
Food and beverages	164.8	169.5	171.0	174.9	180.2
Food	164.8	169.5	171.6	174.1	179.5
Food at home	166.9	172.9	175.2	178.7	185.7
Food away from home	160.0	164.0	166.0	167.1	171.0
Alcoholic beverages	163.9	168.1	175.7	184.0	188.5
Housing	177.9	179.1	181.2	186.2	194.3
Shelter	191.9	193.1	196.3	200.3	209.7
Rent of primary residence	180.3	181.6	185.3	190.2	196.9
Owners' equivalent rent ¹	196.3	197.7	201.8	206.4	214.4
Fuels and utilities	147.4	146.6	142.6	154.1	161.1
Fuels	130.8	129.8	125.0	137.7	146.1
Gas (piped) and electricity	129.8	128.8	124.3	136.9	144.8
Electricity	129.1	128.1	123.3	133.6	141.1
Utility (piped) gas	126.8	127.2	126.4	167.7	180.7
Household furnishings and operation	152.4	155.8	157.2	162.8	166.4
Apparel	103.5	101.0	102.6	98.5	101.2
Transportation	169.6	174.5	170.9	176.4	182.4
Private transportation	166.9	170.6	164.2	171.5	179.4
Motor fuel	141.8	149.7	130.3	154.5	172.6
Gasoline, all types	144.8	153.0	133.4	158.5	177.5
Gasoline, unleaded regular	151.7	160.1	138.7	166.0	186.6
Gasoline, unleaded midgrade ²	114.5	121.4	105.8	124.9	139.4
Gasoline, unleaded premium	132.7	140.3	123.4	145.0	160.5
Medical care	239.8	No Data	No Data	No Data	275.9
Recreation³	102.8	101.6	99.5	100.4	102.3
Education and communication³	106.9	104.6	107.8	112.5	113.5
Other goods and services	279.7	289.3	302.2	307.6	312.4

1.4.6

CONTINUED

Group	2000	2001	2002	2003	2004
Special aggregate indexes					
All items less shelter	170.5	186.5	174.4	178.5	183.2
All items less medical care	173.0	173.1	176.3	180.2	186.3
All items less energy	180.7	174.9	185.6	188.6	194.3
All items less food and energy	185.1	182.8	189.5	192.6	198.4
Commodities	150.3	152.8	152.0	154.8	159.3
Commodities less food	140.1	141.0	138.5	141.4	145.3
Commodities less food and beverages	138.9	139.7	136.7	139.4	143.3
Durables	128.5	127.1	124.6	122.6	122.1
Nondurables	156.5	160.3	159.9	164.2	170.3
Nondurables less food	147.3	149.9	147.3	153.1	159.9
Nondurables less food and beverages	146.1	148.6	145.2	150.8	157.9
Energy	137.0	140.0	128.0	147.0	160.6
Services	199.1	200.9	205.0	210.3	217.8
Services less rent of shelter ¹	210.4	213.1	218.5	224.5	229.5
Services less medical care	195.5	197.1	200.3	205.4	213.2

NOTE: See Section 1: General Statistics for CPI-U definition. The level of CPI item detail has changed due to revisions in the Consumer Price Index done by the Bureau of Labor Statistics in 1998.

¹December 1982 = 100.

²December 1993 = 100.

³December 1997 = 100.

SOURCE: U.S. Bureau of Labor Statistics, World Wide Web site (<http://www.bls.gov/>).

1.5.1

**CAPACITIES OF HOSPITALS AND SPECIALTY CARE
BEDS, MAUI COUNTY**

*Data are for facilities recognized by the Hawaii State Health Planning and
Development Agency*

**Area by Type of Beds by Facility
For the Period of January 1, 2003 to December 31, 2004**

Area/ Type	Facility	Licensed Beds	Inpatient Days	Admissions	Avg. Length of Stay	Avg. Daily Census	Percent Occ.
Medical/Surgical							
	Kula Hospital	2	96	20	4.8	13.15	0.3
	Maui Memorial Hospital	140	46,015	8,026	5.7	90.05	126.1
	Moloka'i General Hospital	5	119	68	1.8	6.52	0.3
Critical Care							
	Maui Memorial Hospital	15	3,783	749	5.1	69.10	10.4
Obstetric							
	Maui Memorial Hospital	23	3,663	1,608	2.3	43.63	10.0
	Moloka'i General Hospital	3	29	25	1.2	2.65	0.1
Psychiatric (Psych)							
	Maui Memorial Hospital	18	4,123	537	7.7	62.75	11.3
Intermediate Care (ICF)							
	Hale Makua (Wailuku & Kahului)	124	44,414	66	672.9	98.13	121.7
SNF/ICF							
	Hale Makua (Wailuku & Kahului)	240	84,217	288	292.4	96.14	230.7
	Kula Hospital	104	35,053	178	196.9	92.34	96.0
	Lana'i Community Hospital	10	3,552	10	355.2	97.32	9.7
	Moloka'i General Hospital	16	3,135	1	3,135.0	53.68	8.6
Acute/SNF							
	Lana'i Community Hospital	4	84	38	2.2	5.75	0.2
	Moloka'i General Hospital	6	345	42	8.2	15.75	0.9
Mentally Retarded (MR)							
	Kula Hospital	9	2,917	2	1,458.5	88.80	8.0
Hansen's Disease							
	Kalaupapa Care Home	14	1,460	1	1,460.0	28.57	4.0
Other(s)							
	Aloha House, Inc.	NA					
	Ho'omaka Hou	33	3,803	43	88.4	31.57	10.4
	The Maui Farm, Inc.	15	2,385	9	265.0	43.56	6.5
Maui County Total		781	239,193	11,711	20.4	65.53	655.3

SOURCE: Hawaii State Department of Health, State Health Planning and Development Agency, *Inpatient Facilities Utilization*.

1.5.2

ADULT RESIDENTIAL CARE HOMES, MAUI COUNTY

Data are for facilities recognized by the Hawaii State Department of Health, Office of Health Care Assurance

Location	Facilities	Beds	Persons ¹ age 65+	Beds/1,000 persons age 65+
Type I (up to 5 beds)				
Kahului	8	36	3,452	10.43
Kihei	1	5	1,261	3.97
Makawao	1	4	472	8.47
Wailuku	3	15	1,874	8.00
Maui Island Total	13	60	14,566	4.12
Molokai (Kaunakakai) ²	3	15	586	25.60
Lanai	0	0	453	0.00
Maui County Total	16	75	14,566	5.15
Hawaii Co	48	211	19,432	10.86
Kauai Co	12	50	7,980	6.27
C & C of Honolulu	405	1,919	115,946	16.55
State Total	481	2,255	157,997	14.27
Type II (more than 5 beds)				
Maui Island	0	0	0	0.00
Molokai (Kalaupapa)	1	16	73	219.18
Lanai	0	0	453	0.00
Maui County Total	1	16	14,566	1.10
Hawaii Co	0	0	19,432	0.00
Kauai Co	0	0	7,980	0.00
C & C of Honolulu	17	355	115,946	3.06
State Total	18	371	157,997	2.35

¹ Bureau of the Census, Census 2000

² Combination of CDPs, Kuanakai, Kualapuu, and Maunaloa

SOURCE: Hawaii State Department of Health, Office of Health Care Assurance, *Vacancy Report - Adult Residential care Homes and Expanded Adult Residential Care Homes*, May 3, 2005.

1.5.3

**HEALTH PRACTITIONERS LICENSED IN HAWAII
BY PLACE OF ADDRESS**

	Acupuncturist	Chiropractor	Dental Hygenist	Dentist	Massage Therapist
Maui	71	69	62	75	1,080
Molokai	1	2	3	3	8
Lanai	0	0	2	0	5
Oahu	238	190	426	782	2,628
Hawaii	85	40	55	95	823
Kauai	17	18	17	36	412
Subtotal Hawaii	412	319	565	991	4,956
Mainland	144	280	207	306	739
Foreign/Other	10	11	3	18	48
Total	566	610	775	1,315	5,743

	Certified Physician's Assistant	Emergency Medical Tech. Basic	Emergency Medical Tech. Paramedic	Physician or Surgeon¹	Osteopathic Physician and Surgeon
Maui	14	43	35	276	22
Molokai	1	1	5	10	0
Lanai	0	0	0	2	2
Oahu	71	186	210	2,825	105
Hawaii	7	170	75	334	14
Kauai	8	30	13	135	7
Subtotal Hawaii	101	430	338	3,582	150
Mainland	12	4	18	3,286	298
Foreign/Other	1	1	1	58	3
Total	114	435	357	6,926	451

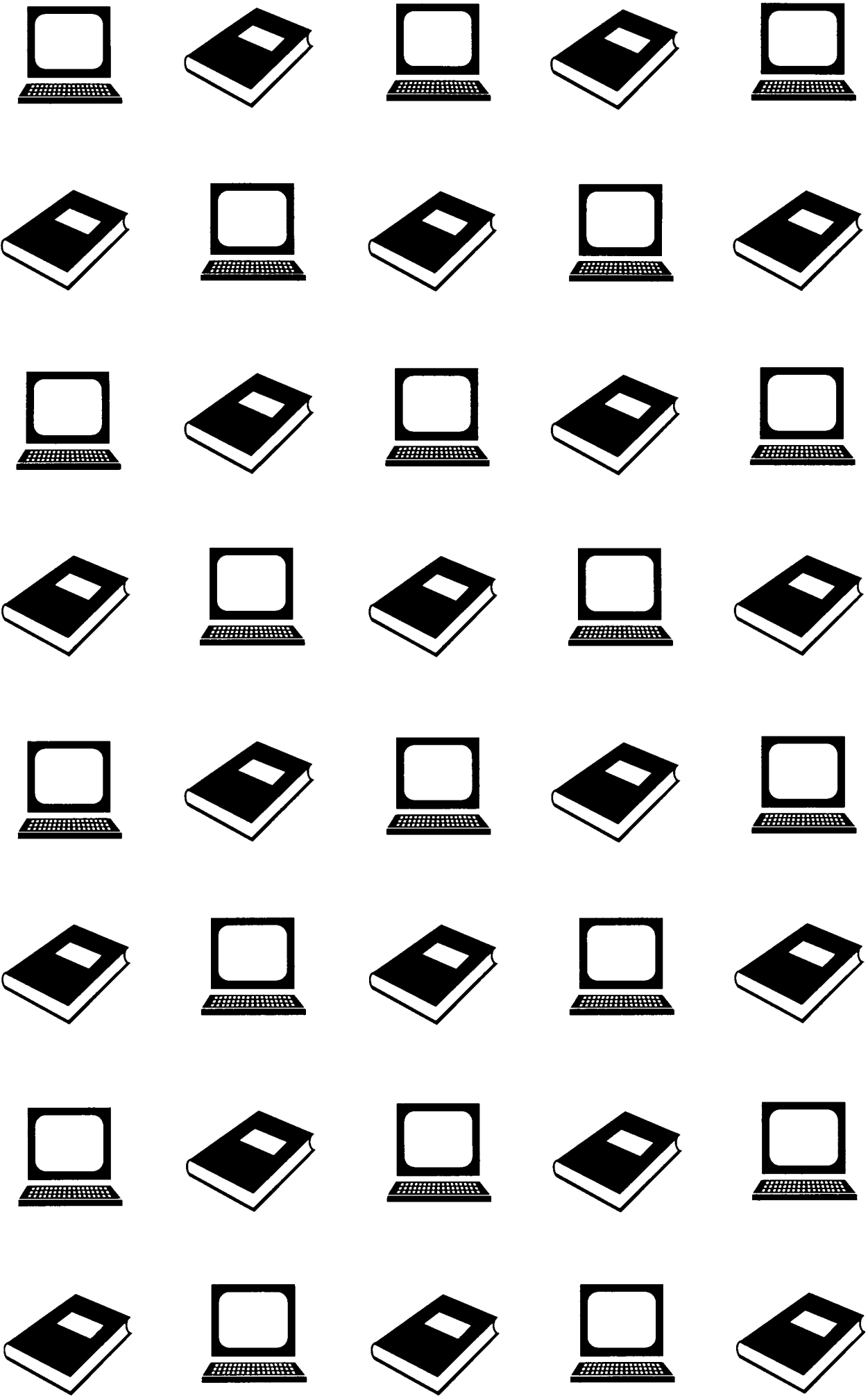
	Licensed Practical Nurse	Registered Nurse	Advanced Practice Registered Nurse	Occupational Therapist	Physical Therapist
Maui	326	1,015	27	27	80
Molokai	10	29	3	1	1
Lanai	0	11	0	0	0
Oahu	1,625	8,462	412	224	463
Hawaii	392	1,274	63	38	80
Kauai	207	511	30	11	27
Subtotal Hawaii	2,560	11,302	535	301	651
Mainland	303	4,409	154	102	317
Foreign/Other	11	186	2	3	14
Total	2,874	15,897	691	406	982

	Naturopath	Optometrist	Pharmacist	Podiatrist	Psychologist
Maui	14	19	85	4	32
Molokai	0	0	2	0	0
Lanai	0	0	0	0	0
Oahu	25	195	730	29	398
Hawaii	16	18	97	6	56
Kauai	7	9	47	1	24
Subtotal Hawaii	62	241	961	40	510
Mainland	27	107	713	37	156
Foreign/Other	0	4	7	1	3
Total	89	352	1,681	78	669

¹Permanent 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, 3/27/2005.

Education



Section 2

EDUCATION

This section covers statistics on public and private schools, enrollment, number of teachers, high school graduates, enrollment at Maui Community College, degrees offered, number of faculty at Maui Community College and libraries.

Maui County public and private schools provide educational opportunities for students from pre-kindergarten through senior high school. Maui Community College offers courses in a wide variety of technical, vocational and liberal arts disciplines and through the University of Hawai`i Center offers 4- and 5-year University of Hawai`i degrees via the Hawai`i Interactive Television System (HITS).

The Hawaii State Public Library System in Maui County has eight locations on three islands, Maui, Molokai and Lanai. Maui Community College Library holdings include four centers; two on Maui (Kahului and Hana), and one each on Molokai and Lanai.

The principal sources of the data on education are the Hawaii State Department of Education, the Hawaii Association of Private Schools, and the University of Hawaii Institutional Research Office. On libraries, the principal sources are the Hawaii State Public Library System, Research and Evaluation Services and the Maui Community College Library.

2.1

**MAUI DISTRICT PUBLIC AND PRIVATE SCHOOLS
BY ISLAND AND LOCATION**

MAUI

Hana

Hana High and Elementary	K-12
Keanae Elementary	K-3

Kihei

Kamalii Elementary	K-5
Kihei Elementary	K-5
Kihei Public Charter High	9-12
Lokelani Intermediate	6-8
Montessori Hale O Keiki	Pre-6

Lahaina

King Kamehameha III Elementary	K-5
Lahaina Intermediate	6-8
Lahainaluna High	9-12
Maui Preparatory School	6-8
Princess Nahienaena Elementary	K-5
Sacred Hearts Elementary	K-8
West Maui Carden Academy	Pre-5

Kahului/Wailuku

H. Perrine Baldwin High	9-12
Christ the King	K-6
Emmanuel Lutheran	K-6
Iao Intermediate	6-8
Isaiah Center for Excellence	4-12
Kaahumanu Hou Christian (Maui)	K-12
Kahului Elementary	K-5
Lihikai Elementary	K-5
Maui Adventist	1-8
Maui High	9-12
Maui Waena Intermediate	6-8
St. Anthony Grade School	K-6
St. Anthony Junior and Senior High	7-12
Waihee Elementary	K-5
Wailuku Elementary	K-5

Upcountry/North Shore

Carden Academy of Maui	K-7
Clearview Christian Girls School	6-8
Doris Todd Memorial Christian	PreK-8
Haiku Elementary	K-5
Haleakala Waldorf	PreK-8
Horizons Academy	K-8
S. Enoka Kalama Intermediate	6-8
Kamehameha School (Maui)	K-11
King Kekaulike High	9-12
Kula Elementary	K-5
Makawao Elementary	K-5
Maui Christian Academy	7-8
Montessori Hale O'Keiki	PreK-4
Montessori of Maui	PreK-6
Paia Elementary	K-5
Pukalani Elementary	K-5
St. Joseph	K-8
Seabury Hall	6-12

LANAI

Lanai High and Elementary	K-12
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MOLOKAI

Kamehameha Preschool Kalamaula	Preschool only
Kaunakakai Elementary	K-6
Kilohana Elementary	K-6
Kualapuu Elementary	K-6
Maunaloa Elementary	K-6
Molokai Christian Academy	PreK-12
Molokai High	9-12
Molokai Intermediate	6-8
Molokai Mission	K-8

NOTE: Table does not include schools that are Pre-School only.

SOURCES: Hawaii State Department of Education, records; Hawaii Association of Independent Schools, *Licensed Private Schools 2003-2004* and phone survey.

2.2

**PER PUPIL EXPENDITURES BY SCHOOLS/
FUNCTIONS, MAUI COUNTY
2003-2004**

School	Instruction	Instructional Support	Leadership	Operations	Other Commitments
Elementary Schools					
Haiku	4,270.57	1,886.77	513.47	1,313.24	79.30
Kahului	4,670.78	1,720.87	416.77	1,377.13	87.57
Kamalii	3,736.40	1,498.15	430.21	1,167.42	66.87
Kamehameha III	3,763.87	1,648.30	529.15	1,210.79	80.90
Kaunakakai	5,458.04	3,458.26	893.59	1,993.16	165.43
Keanae	25,867.33	639.07	984.09	7,572.57	70.82
Kihei	3,819.91	1,415.33	442.88	1,302.32	67.79
Kilohana	5,888.73	4,621.20	1,547.95	2,312.15	62.54
Kualapuu Public Charter School ¹	5,070.85	1,540.12	796.96	1,648.59	66.69
Kula	4,202.87	1,967.10	524.26	1,371.42	75.10
Lihikai	3,913.16	2,092.87	411.77	1,135.60	110.53
Makawao	4,604.16	2,618.47	653.85	1,174.25	62.91
Maunaloa	5,817.90	5,747.61	2,307.84	2,805.49	62.87
Nahienaena	3,899.21	1,509.11	449.11	727.56	66.00
Paia	5,206.27	2,278.22	855.99	1,648.88	66.87
Pukalani	4,691.99	1,745.08	570.76	1,354.15	65.20
Waihee	4,221.66	1,520.74	465.18	1,124.58	79.25
Wailuku	4,779.52	1,689.73	403.72	1,160.37	107.44
Intermediate/Middle Schools					
Iao	4,224.04	1,947.91	650.32	1,159.65	127.05
Kalama	4,324.34	2,324.36	533.29	1,163.08	66.50
Lahaina	3,842.16	2,234.06	742.49	1,702.79	62.56
Lokelani	3,345.13	1,801.71	603.11	1,140.50	71.32
Maui Waena	3,499.87	2,029.83	568.28	1,104.06	66.61
Molokai	NA	NA	NA	NA	NA
High Schools					
Baldwin	3,822.60	2,255.48	449.01	1,102.81	136.77
Kihei Public Charter High ¹	7,908.27	650.96	42.49	699.13	60.78
King Kekaulike	3,458.63	2,659.66	493.99	1,055.18	60.71
Lahainaluna	3,617.55	2,625.82	655.32	1,103.30	75.46
Maui	3,739.43	2,381.07	416.61	1,103.10	68.34
Molokai	4,408.29	3,519.93	874.99	1,417.46	73.68
Multi-Level Schools					
Hana High & Elem	5,064.18	4,186.99	992.00	1,663.29	59.18
Lanai High & Elem	4,193.90	3,583.00	874.37	1,441.10	96.13

NA: Not available

¹ Undistributed allotments.

SOURCE: Hawaii State Department of Education, records.

2.3

**PUBLIC SCHOOLS: ENROLLMENT AND GRADES,
MAUI DISTRICT**

School	2001	2002	2003	2004	Grades
H. Perrine Baldwin High	1,693	1,726	1,651	1,680	9-12
Haiku	429	418	426	428	K-5
Hana High & Elementary	387	389	388	384	K-12
Iao	842	825	830	831	6-8
Kahului	834	842	855	850	K-5
S. Enoka Kalama Intermediate	1,179	1,132	1,066	1,014	6-8
Kamalii	841	809	751	716	K-5
King Kamehameha III	651	642	679	698	K-5
Kaunakakai	264	243	238	216	K-6
Keanae	3	6	3	7	K-3
Kihei Charter High School ¹		155	164	115	9-12
King Kekaulike High	1,459	1,413	1,379	1,380	9-12
Kihei	774	817	830	855	K-5
Kilohana	118	105	109	89	K-6
Kualapuu ²	387	351	352	341	K-6
Kula Elementary	440	430	421	412	K-5
Lahaina Intermediate	632	642	625	637	6-8
Lahainaluna High	986	1,038	1,000	1,038	9-12
Lanai High & Elementary	659	672	636	640	K-12
Lihikai	1,144	1,134	1,143	1,108	K-5
Lokelani Intermediate	718	773	764	795	6-8
Makawao	514	489	489	455	K-5
Maui High	1,673	1,654	1,669	1,653	9-12
Maui Waena Intermediate	1,008	1,007	1,033	1,009	6-8
Maunaloa	54	66	73	69	K-6
Molokai High ³	757	748	704	413	9-12
Molokai Intermediate ⁴				215	6-8
Princess Nahienaena	636	649	655	661	K-5
Paia	214	207	212	212	K-5
Pukalani Elementary	471	474	493	480	K-5
Waihee	877	828	833	856	K-5
Wailuku Elementary	952	959	937	937	K-5
Total Enrollment	21,596	21,643	21,408	21,194	

¹ Kihei New Century PC High School is a Charter School, established in 2001.

² Formally Kualapuu Elementary School. Changed to: Kualapuu Elementary New Century Conversion Charter School.

³ Formerly known as Molokai High and Intermediate School.

⁴ Molokai Intermediate School opened in 2004.

SOURCE: Hawaii State Department of Education, records.

2.4

**STUDENT PROFILES,
MAUI COUNTY PUBLIC SCHOOLS,
SCHOOL YEAR 2003-04**

School	Fall Enrollment	Students Enrolled for the Entire School Year	Receiving Free or Reduced-cost Lunch	Students in Special Education	Students with Limited English Proficiency
Elementary Schools					
Haiku	426	91.1%	41.1%	8.7%	1.6%
Kahului	855	95.0%	51.7%	8.2%	17.3%
Kamalii	751	85.8%	23.2%	6.1%	3.5%
Kamehameha III	679	91.5%	34.5%	8.1%	20.8%
Kaunakakai	238	90.3%	78.6%	15.5%	5.0%
Keanae	3	66.7%	33.3%	0.0%	0.0%
Kihei	830	92.2%	56.4%	4.7%	13.9%
Kilohana	109	86.2%	78.0%	12.8%	0.9%
Kualapuu	352	96.0%	77.8%	6.0%	2.0%
Kula	421	95.5%	28.3%	5.5%	1.4%
Lihikai	1,143	94.1%	49.3%	6.6%	9.7%
Makawao	489	89.8%	49.1%	12.3%	3.7%
Maunaloa	73	84.9%	80.8%	12.3%	0.0%
Nahienaena	655	96.3%	42.1%	7.5%	25.2%
Paia	212	90.1%	59.0%	6.1%	2.4%
Pukalani	493	91.1%	41.6%	8.7%	3.2%
Waihee	833	97.5%	38.8%	6.0%	3.0%
Wailuku	937	93.5%	44.0%	7.9%	5.0%
Intermediate/Middle Schools					
Iao	830	94.2%	34.9%	11.7%	2.4%
Kalama	1,066	96.1%	37.7%	16.1%	2.3%
Lahaina	625	97.4%	38.4%	12.8%	9.0%
Lokelani	764	89.9%	42.1%	11.0%	1.8%
Maui Waena	1,033	97.5%	42.3%	12.0%	7.2%
High Schools					
Baldwin	1,651	93.6%	12.2%	12.5%	3.0%
King Kekaulike	1,379	93.3%	28.5%	20.4%	1.1%
Lahainaluna	1,000	92.7%	12.2%	15.6%	5.6%
Maui	1,669	90.5%	20.9%	15.9%	7.8%
Multi-Level Schools					
Hana High & Elem	388	NA	63.1%	18.0%	0.0%
Lanai High & Elem	636	96.7%	26.3%	21.7%	7.7%
Molokai High & Inter.	704	95.2%	63.6%	23.4%	1.4%

NA: Not Available

SOURCE: State of Hawaii Department of Education, Accountability Resource Center (ARCH), *School Status and Improvement Report, School Year 2003-2004*.

2.5

ETHNIC PROFILES, MAUI COUNTY PUBLIC SCHOOLS, SCHOOL YEAR 2003-04

School	Chinese	Filipino	Hawaiian	Part-Hawaiian	Japanese	Portugese	Hispanic	White	Others
Elementary Schools									
Haiku	0.9%	2.5%	2.3%	22.7%	3.0%	2.1%	2.3%	54.4%	9.8%
Kahului	0.2%	56.7%	2.7%	19.8%	6.6%	1.9%	2.2%	3.2%	6.6%
Kamalii	0.7%	9.7%	1.2%	8.0%	2.9%	0.1%	1.6%	53.8%	21.9%
Kamehameha III	0.1%	14.9%	0.7%	10.4%	2.0%	0.3%	14.0%	31.0%	26.6%
Kaunakakai	0.4%	15.2%	4.5%	64.8%	3.7%	0.0%	0.0%	7.8%	3.6%
Keanae	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Kihei	0.1%	32.5%	1.0%	22.0%	2.8%	0.5%	4.4%	18.3%	18.3%
Kilohana	0.0%	3.7%	1.9%	78.5%	0.0%	0.9%	0.0%	13.1%	1.8%
Kualapuu	0.0%	8.2%	14.7%	70.3%	1.4%	0.0%	0.3%	3.4%	1.6%
Kula	4.8%	3.6%	5.7%	18.9%	7.4%	6.9%	3.3%	42.6%	6.7%
Lihikai	1.4%	35.7%	3.5%	20.3%	10.9%	3.8%	4.3%	5.6%	14.3%
Makawao	0.6%	12.0%	7.5%	25.7%	6.6%	11.2%	6.6%	22.6%	7.2%
Maunaloa	0.0%	6.2%	15.4%	67.7%	3.1%	4.6%	0.0%	1.5%	1.5%
Nahienaena	0.1%	45.8%	6.2%	18.0%	3.5%	0.6%	8.2%	5.7%	11.7%
Paia	0.0%	7.8%	20.0%	44.9%	2.9%	2.9%	2.0%	9.8%	9.8%
Pukalani	1.2%	12.4%	7.2%	23.0%	9.8%	8.0%	2.2%	22.6%	13.6%
Waihee	2.1%	22.7%	11.0%	34.3%	9.2%	2.7%	1.5%	9.1%	7.3%
Wailuku	1.7%	15.0%	8.2%	25.3%	18.9%	2.8%	2.4%	10.6%	15.1%
Intermediate/Middle Schools									
Iao	1.2%	24.3%	8.1%	26.5%	15.1%	2.6%	1.5%	7.2%	13.4%
Kalama	0.8%	11.3%	5.9%	24.6%	8.2%	7.3%	2.0%	29.7%	10.3%
Lahaina	0.3%	36.5%	1.9%	17.2%	2.8%	0.9%	6.2%	18.0%	16.2%
Lokelani	0.4%	24.1%	2.8%	10.3%	3.3%	0.9%	3.5%	33.2%	21.3%
Maui Waena	1.0%	46.3%	1.8%	22.2%	9.5%	2.8%	2.8%	4.2%	9.3%
High Schools									
Baldwin	1.2%	23.4%	5.4%	23.2%	14.9%	2.6%	2.4%	14.2%	12.7%
King Kekaulike	1.0%	9.1%	4.5%	22.7%	9.1%	6.8%	2.3%	32.7%	11.9%
Lahainaluna	0.4%	32.8%	2.5%	18.0%	4.3%	1.2%	4.8%	20.0%	16.0%
Maui	0.9%	42.2%	2.2%	16.4%	8.2%	2.2%	3.2%	11.4%	13.4%
Multi-Level Schools									
Hana High & Elem	0.5%	2.2%	3.7%	75.4%	0.7%	0.7%	0.7%	13.7%	2.2%
Lanai High & Elem	0.5%	53.7%	3.4%	21.2%	3.7%	1.1%	1.7%	7.2%	7.4%
Molokai High & Inter.	0.6%	12.5%	7.8%	64.4%	3.5%	0.3%	0.9%	5.9%	4.1%

Others: Includes Black, Native American, Korean, Samoan, Indo-Chinese, and others.

SOURCE: State of Hawaii Department of Education, Accountability Resource Center (ARCH), *School Status and Improvement Report, School Year 2003-2004*.

2.6

**COMMUNITY PROFILES,
MAUI COUNTY PUBLIC SCHOOLS**

School Community	Population	% of Population Aged 5-19	Number of Families	% of Families with Children Under 18	% of Families Headed by Single Mother	Median Household Income	% of Households Receiving Public Assistance Income	% of Families with Children Living in Poverty
State of Hawaii	1,211,537	20.6%	287,068	45.0%	18.3%	\$49,820	7.6%	11.2%
Baldwin Complex	22,782	22.4%	5,308	49.9%	19.2%	\$51,251	7.1%	10.6%
King Kekaulike Complex	33,406	22.1%	8,200	56.1%	19.9%	\$52,638	5.3%	8.8%
Lahainaluna Complex	17,967	17.3%	3,789	43.2%	19.2%	\$56,315	4.5%	8.9%
Maui Complex	41,634	19.7%	9,630	45.9%	20.6%	\$48,679	6.2%	9.2%
Hana Complex	1,855	25.0%	406	47.3%	17.2%	\$37,898	7.6%	19.4%
Lanai Complex	3,194	22.8%	805	50.1%	16.9%	\$43,642	4.9%	8.9%
Molokai Complex	7,257	28.3%	1,761	47.0%	22.5%	\$33,894	14.1%	23.6%

NOTE: All figures based on Census 2000

SOURCE: State of Hawaii Department of Education, Accountability Resource Center (ARCH), School Status and Improvement Report, School Year 2003-2004.

2.7

**COMMUNITY EDUCATION ATTAINMENT LEVEL
MAUI COUNTY PUBLIC SCHOOLS**

School Communitiy	College Graduate	Some College	High School	Less than High School Graduate
State of Hawaii	26.2%	29.9%	28.5%	5.4%
Baldwin Complex	21.1%	29.0%	31.6%	18.3%
King Kekaulike Complex	28.2%	34.5%	26.3%	11.1%
Lahainaluna Complex	22.1%	29.7%	31.8%	16.4%
Maui Complex	20.8%	32.6%	28.2%	18.4%
Hana Complex	14.4%	27.7%	42.7%	15.2%
Lanai Complex	16.5%	25.7%	27.2%	30.6%
Molokai Complex	13.8%	26.3%	38.0%	21.9%

NOTE: Based on Census 2000

SOURCE: State of Hawaii Department of Education, Accountability Resource Center (ARCH), *School Status and Improvement Report, School Year 2003-2004*.

2.8

**SCHOOL COMPLETION, MAUI COUNTY PUBLIC
SCHOOLS, SCHOOL YEAR 2002-03**

School	Total Completers	Diploma Graduates	Certificate of Completion	Individual Program	School Dropouts
Baldwin High School	93.5%	91.3%	0.0%	2.2%	5.2%
King Kekaulike	96.9%	95.9%	0.0%	1.0%	6.7%
Lahainaluna	97.2%	96.3%	0.0%	0.9%	2.8%
Maui	94.0%	92.2%	0.0%	1.9%	7.2%
Multi-Level Schools					
Hana High & Elem	100.0%	100.0%	0.0%	0.0%	1.3%
Lanai High & Elem	100.0%	92.0%	0.0%	8.0%	5.0%
Molokai High & Inter.	91.7%	90.0%	0.0%	1.7%	2.4%

SOURCE: State of Hawaii Department of Education, Accountability Resource Center (ARCH), *School Status and Improvement Report, School Year 2003-2004*.

2.9

**TEACHING STAFF PROFILES, MAUI COUNTY
PUBLIC SCHOOLS, SCHOOL YEAR 2003-04**

School	Teacher Headcount	With 5 or More Years at this School	Average Years Experience	With Advanced Degrees	Student Teacher Ratio Regular Instruction	Student Teacher Ratio Special Education
Elementary Schools						
Haiku	25.0	17.0	14.0	5.0	18.5	9.3
Kahului	51.0	36.0	17.2	11.0	18.0	10.0
Kamalii	40.0	25.0	10.2	8.0	19.1	15.3
Kamehameha III	39.0	25.0	11.2	7.0	18.9	11.0
Kaunakakai	17.0	3.0	8.1	4.0	15.5	9.3
Keanae	1.0	1.0	17.0	0.0	3.0	0.0
Kihei	48.0	22.0	9.4	13.0	18.4	7.8
Kilohana	8.0	4.0	10.5	2.0	11.9	0.0
Kualapuu	21.0	17.0	10.8	0.0	18.4	7.0
Kula	25.0	19.0	16.2	4.0	18.5	7.7
Lihikai	68.0	36.0	12.3	15.0	17.3	12.7
Makawao	31.0	27.0	15.3	8.0	17.9	8.6
Maunaloa	6.0	2.0	5.2	2.0	14.2	9.0
Nahienaena	39.0	18.0	8.1	10.0	17.3	12.3
Paia	15.0	10.0	14.2	2.0	14.2	13.0
Pukalani	31.0	17.0	14.7	7.0	17.0	10.8
Waihee	53.0	35.0	11.9	14.0	17.4	7.1
Wailuku	60.0	39.0	16.7	15.0	17.8	6.7
Intermediate/Middle Schools						
Iao	49.0	29.0	13.1	21.0	18.3	10.8
Kalama	67.0	43.0	12.9	21.0	17.0	12.3
Lahaina	37.0	17.0	5.9	11.0	17.6	13.3
Lokelani	44.0	13.0	6.1	12.0	18.1	14.0
Maui Waena	61.0	25.0	9.1	13.0	17.5	13.8
High Schools						
Baldwin	94.0	63.0	13.7	25.0	18.6	12.9
King Kekaulike	77.0	38.0	8.2	33.0	17.4	20.1
Lahainaluna	59.0	23.0	7.5	12.0	17.2	15.6
Maui	96.0	63.0	12.9	20.0	18.2	14.8
Multi-Level Schools						
Hana High & Elem	29.0	13.0	10.4	7.0	13.3	17.5
Lanai High & Elem	47.0	18.0	6.1	13.0	13.6	13.8
Molokai High & Inter.	47.0	22.0	10.5	11.0	13.3	27.5

SOURCE: State of Hawaii Department of Education, Accountability Resource Center (ARCH), *School Status and Improvement Report, School Year 2003-2004*.

2.10
STANFORD ACHIEVEMENT TEST SCORES,
MAUI COUNTY SCHOOLS,
SCHOOL YEAR 2004-05

School	Grade	Reading			Math		
		% Below Average	% Average	% Above Average	% Below Average	% Average	% Above Average
Elementary Schools							
Haiku	5	15	46	39	10	36	55
Kahului	5	30	59	11	13	52	35
Kamalii	5	9	62	30	9	41	50
Kamehameha III	5	16	59	25	7	51	42
Kaunakakai	5	36	56	8	16	60	24
Keanae	*	*	*	*	*	*	*
Kihei	5	19	60	21	16	47	37
Kilohana	5	50	50	0	17	67	17
Kualapuu NCPCCS	5	24	73	4	24	49	27
Kula	5	6	44	51	16	28	56
Lihikai	5	25	61	14	17	50	33
Makawao	5	20	67	13	20	54	26
Maunaloa	5	57	43	0	57	43	0
Nahienaena	5	23	65	13	23	58	20
Paia	5	33	48	18	29	47	24
Pukalani	5	16	56	28	16	44	40
Waihee	5	24	54	22	14	52	33
Wailuku	5	24	52	23	17	40	43
Intermediate/Middle Schools							
Iao	8	25	56	19	31	52	18
Kalama	8	22	51	27	23	60	18
Lahaina	8	25	58	17	34	55	11
Lokelani	8	28	52	20	32	52	16
Maui Waena	8	36	54	10	33	51	15
Molokai	8	36	51	13	22	58	20
High Schools							
Baldwin High	10	34	60	6	32	51	17
Kekaulike High	10	33	61	6	37	51	13
Lahainaluna High	10	45	51	4	43	48	9
Maui High	10	42	54	4	33	57	10
Kihei PC High School	10	13	73	13	23	55	23
Multi-Level Schools							
Hana High & Elem.	10	51	44	5	49	41	11
Lanai High & Elem.	10	54	44	2	48	48	4

* Data not shown for privacy reasons.

NOTE: Percentages may not add up to 100% due to roundoff.

SOURCE: State of Hawaii, Department of Education, Planning & Evaluation Office, Accountability Resource Center Hawaii, *Summary of SAT9 and HCPS test results.*

2.11

**PRIVATE SCHOOL CHARACTERISTICS,
SCHOOL YEAR 2003**

School	Classroom Teachers	Student Teacher Ratio	Amer Ind/ Alaskan	Asian Pacific Islander	Black	Hispanic	White
Christ the King ⁸	8.0	15.4	1	116	1	0	5
Clearview Christian Girls School ³	4.9	3.7	0	11	1	0	6
Doris Todd Memorial Christian ²	10.0	10.6	0	34	1	1	70
Emmanuel Lutheran ⁶	n/a	n/a	0	57	2	1	90
Haleakala Waldorf School ⁷	20.4	9.1	0	47	9	12	118
Horizons Academy of Maui, Inc. ⁷	3.8	6.8	0	9	2	2	13
Kaahumanu Hou Christian (Maui) ¹	8.0	14.9	1	22	5	8	83
Kamehameha Schools (Maui) ⁴	62.0	13.4	0	827	0	0	0
Maui Adventist ⁹	2.3	13.5	0	23	1	3	4
Molokai Christian Academy ³	8.1	6.4	0	33	1	0	18
Molokai Mission ⁹	1.0	6.0	0	2	0	3	1
Montessori Hale o' Keiki ⁷	4.4	7.0	0	4	0	0	27
Montessori of Maui ⁷	9.0	15.3	0	27	2	4	105
Sacred Hearts Elementary ⁸	12.0	17.6	0	83	0	3	125
St. Anthony Grade School ⁸	8.3	24.1	0	102	0	6	92
St. Anthony Junior & Senior High ⁸	42.3	6.8	0	47	2	6	233
St. Joseph ⁸	7.0	11.3	2	26	3	5	43
Seabury Hall ⁵	39.6	10.0	n/a	n/a	n/a	n/a	n/a

n/a: Not available

NOTE: Ethnicity is reported by number of students.

Affiliation

¹ Assembly of God

² Baptist

³ Christian

⁴ Church of Christ

⁵ Episcopal

⁶ Lutheran Church

⁷ Nonsectarian

⁸ Roman Catholic

⁹ Seventh-Day Adventist

SOURCE: *National Center for Educational Statistics (NCES).*

2.12
PRIVATE SCHOOL TUITION,
MAUI COUNTY 2004-05

School	Tuition Fees
Alaula School	1,000
Carden Academy of Maui	5,900 - 6,900
Christ the King School	3,200
Clearview Christian Girl's School	6,000
Doris Todd Memorial Christian Academy	3,740 - 3,840
Emmanuel Lutheran School	3,860 - 4,900
Haleakala Waldorf School	3,150 - 7,450
Hoomana Hou School	5,000
Horizons Academy of Maui Inc.	12,240 - 13,030
Isaiah Center for Excellence*	4,100
Kaahumanu Hou Christian Schools	3,050 - 4,150
Kamehameha Schools	1,734 - 2,171
Maui Adventist School	2,700 - 3,700
Molokai Christian Academy	3,050 - 4,000
Molokai Mission School	1,750
Montessori Hale O Keiki	6,595
Montessori School of Maui	6,950 - 7,950
Sacred Hearts School	3,950
Seabury Hall	13,100
St Anthony Jr./Sr. High School	6,200 - 6,400
St Joseph Grade School	2,950
St. Anthony Grade School	3,500
West Maui Carden Academy*	5,500

* Tuition for School Year 2005-06

NOTE: Does not include schools that are PreSchool only.

SOURCE: Hawaii Council of Private Schools, *Private School Tuition Report 2004-2005* and phone survey.

2.13

**PRIVATE SCHOOLS: ENROLLMENT AND GRADES,
MAUI DISTRICT**

School	2002	2003	2004	2005	Grades
Akaula School	n/a	n/a	n/a	45	5-8
Carden Academy of Maui	n/a	n/a	n/a	104	K-7
Christ the King	188	188	160	170	PreK-8
Clearview Christian Girls School	22	23	24	24	6-8
Doris Todd Memorial Christian	132	134	124	140	PreK-8
Emmanuel Lutheran	130	130	149	157	K-7
Haleakala Waldorf School	220	204	212	235	PreK-8
Hoomana Hou School	n/a	n/a	n/a	16	9-10
Horizons Academy of Maui, Inc.	38	29	24	26	K-8
Isaiah Center for Excellence	n/a	n/a	n/a	30	4-12
Kaahumanu Hou Christian (Maui)	200	118	121	100	PreK-12
Kamehameha Schools (Maui)	417	736	832	966	K-3
Maui Adventist	n/a	30	31	27	1-8
Maui Preparatory School ¹	n/a	n/a	n/a	n/a	6-8
Molokai Christian Academy	85	75	65	57	PreK-12
Molokai Mission	9	7	6	3	K-8
Montessori Hale o' Keiki	60	55	57	64	PreK-4
Montessori of Maui	189	185	178	177	PreK-6
Sacred Hearts Elementary	235	240	221	200	K-8
St. Anthony Grade School	189	236	200	201	PreK-6
St. Anthony Junior & Senior High	330	330	288	315	7-12
St. Joseph	102	108	118	80	PreK-6
Seabury Hall	394	394	390	397	6-12
West Maui Carden Academy	n/a	n/a	n/a	115	Pre-5
Total Enrollment	2,940	3,242	3,220	3,627	

n/a: Not Available.

NOTE: Does not include schools that are pre-school only.

¹ School starts in 2005-2006 school year with 30 students.

SOURCE: Hawaii Council of Private Schools, *Private School Enrollment Report* and phone survey.

2.14

**LIBRARY HOLDINGS AND CIRCULATION,
HAWAII STATE PUBLIC LIBRARY SYSTEM,
MAUI LIBRARY DISTRICT**

	2002	2003	2004
Library locations, June 30 ¹	8	8	8
Personnel, June 30 ²	44	45	43
Circulation, year ended June 30	786,880	681,358	929,477
Collections, June 30			
Books, Video Tapes & Sound Recordings ³	369,522	393,105	393,569
Periodical subscriptions	844	725	652

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

² Full-time equivalent basis, but including permanent and temporary State general-funded positions and temporary Federal funded positions but excluding student help.

³ Books includes braille. Video tapes include digital video disks (DVDs). Sound recordings include talking books, magnetic tape, recorded cassettes, compact disks and L.P. records.

SOURCE: Hawaii State Public Library System, Information Management Branch, records.

2.15

**LIBRARY HOLDINGS AND CIRCULATION,
MAUI COMMUNITY COLLEGE**

	Number of volumes, June 30	Circulation, year ended June 30
1994	41,391	38,379
1995	42,523	34,558
1996	43,595	21,219
1997	45,808	35,704
1998	46,649	37,575
1999	48,546	25,698
2000	49,812	20,482
2001	50,416	22,020
2002r	51,130	7,401
2003	52,737	8,126
2004	55,220	9,680

r: Revised from previous Data Book.

¹ Includes holdings on Molokai and Lanai, and in Hana.

² Circulation also includes in-house and interlibrary loan counts.

³ Maui circulation for 2002 includes in-house and interlibrary loan counts.

SOURCE: University of Hawaii at Manoa, University Libraries, records.

2.16

DEGREES AND CERTIFICATES EARNED BY DEGREE AND PROGRAM MAUI COMMUNITY COLLEGE, FISCAL YEARS ENDING JUNE 30

PROGRAM	DEGREES/CERTIFICATES OFFERED		TOTAL EARNED				ASSOCIATE DEGREES			CERTIFICATES OF ACHIEVEMENT		
	(Fall 2004)		2002	2003	2004	2002	2003	2004	2002	2003	2004	
TOTAL	21	22	17	296	293	308	198	199	196	98	94	112
General and Pre-Professional Education	AA	-	-	79	79	95	68	79	95	-	-	-
Career and Technical Education	AS/AAS	CA	CC	228	214	213	130	120	101	98	61	112
Business Education	AAS	CA	CC	58	84	69	35	51	36	23	29	33
Accounting	AAS	CA	-	15	20	20	10	11	11	8	8	9
Business Careers	AAS	CA	CC(2)	7	17	13	6	11	7	1	4	6
Hotel Operations	AAS	CA	CC	14	5	15	7	4	6	7	1	9
Office Administration & Technology	-	-	-	22	42	21	12	25	12	10	16	9
Food Service Programs (Food Service)	AAS	CA	CC	45	34	38	26	21	14	19	1	24
Health Service Programs (Nursing) ¹	AS	CA	-	70	64	57	33	28	19	37	27	38
Public Service Programs	AS/AAS	CA	CC	16	12	16	10	9	11	6	2	5
Administration of Justice	AAS	CA	-	7	4	3	4	3	2	3	-	1
Human Services	AS(2)	CA(2)	CC	9	8	13	6	6	9	3	2	4
Trades and Technology Programs	AS/AAS	CA	CC	34	20	33	21	11	21	13	-	12
Horticulture and Landscape Maintenance	AAS(2)	CA(4)	CC(2)	5	4	5	4	3	3	1	1	2
Auto Body Repair & Painting	AAS	CA	CC(2)	4	-	-	1	-	-	3	-	-
Automotive Technology	AAS	CA	CC	7	4	1	3	1	1	4	-	-
Building Maintenance	-	CA	-	1	2	1	-	-	-	1	-	1
Carpentry Technology	AAS	CA	-	-	-	-	-	-	-	-	-	-
Drafting Technology	-	CA	-	1	2	1	-	-	-	1	1	1
Electronics Engineering	AS	CA	-	16	8	9	13	7	9	3	-	-
Computer Engineering	AS	-	-	-	-	-	-	-	-	-	-	-
Fashion Technology	AAS	CA	CC(3)	-	-	15	-	-	7	-	-	8
Sustainable Technology ²	AAS	CA	-	-	-	1	-	-	1	-	-	-
Welding Technology	-	-	CC(2)	-	-	-	-	-	-	-	-	-
Voc, Other (ATS)	-	-	-	5	-	-	5	-	-	-	-	-

NOTES: AA = Associate in Arts, AS = Associate in Science, AAS = Associate in Applied Science, CA = Certificate of Achievement, and CC = Certificate of Completion or Certificate of Competence. Certificate of Completion/Certificate of Competence counts are not published.

¹ The AS in nursing makes students eligible for the Registered Nursing Examination; the CA in nursing allows students to take the Practical Nursing Examination. ² Program established in April 2001.

SOURCE: University of Hawaii, Institutional Research Office, *Degrees and Certificates Earned*, University of Hawaii Community Colleges, Fiscal Years 2000-2002, 2002-2003 and 2003-2004 (degree counts).

2.17

**UNIVERSITY OF HAWAII DISTANCE LEARNING
COURSES AND GRADUATES, MAUI COUNTY**

Program	2000	2001	2002	2003	2004	2005
Delivered from UH Hilo						
BA Business	-	-	-	-	-	-
BA English	-	-	-	7	2	-
BA Hawaiian Studies	-	-	1	8*	1	1
BA Marine Sciences (MARE)	-	-	-	11*	4	-
BA Psychology	-	-	-	-	2	8
BA Sociology	-	-	-	-	-	-
BS Nursing, RN to BSN	-	-	-	-	-	-
BS Computer Sciences	-	-	2	1	3	3
Certificate, Database Management	-	-	-	-	-	2
Certificate, Hawaiian Medium Teacher Education	-	-	-	-	1*	-
Delivered from UH Manoa						
BA Information Computer Sciences (ICS)	-	-	-	-	-	-
BA Interdisciplinary Studies/ Liberal Studies	19	21	30*	9	16	10
B. Ed. Counseling & Guidance, Voc Rehab	-	-	-	-	-	-
B. Ed Elementary Education	-	-	3	1	18	-
BS Nursing	-	-	-	1	-	-
MA Music Education	-	-	-	-	-	-
MA Accounting	-	-	-	-	4	-
MBA (NIMBA)	-	-	7	11	-	-
M Counseling & Guidance Vocational Rehabilitation	-	-	-	3	-	-
M Ed Educational Administration, K-12 or Higher Ed	3	-	-	2	1	2
M Ed. Early Childhood Education	-	-	-	-	-	-
M Ed. Educational Foundations	-	-	-	-	-	-
M Ed Interdisciplinary (IMED)	21	1	-	12	-	1
M Ed Special Education	-	-	-	-	-	-
MS Information Computer Sciences	2	1	-	-	-	-
MS Kinesiology & Leisure Science	-	-	1	2	1*	-
M. Library & Information Science	1	2	-	-	2	1
MS Nursing	1	2	-	-	-	-
Masters in Social Work	-	-	-	-	-	20
Certificate in Public Health	-	10	-	1	1	-
Certificate Telecommunication & Infor. Resources Management	-	-	-	-	-	-
Post-Bacc Certificate, Secondary Education	-	1*	1*	1*	1*	-
Professional Diploma in Education	-	-	-	-	-	2*
Delivered from UH West Oahu						
BA Business Administration	5	16	5	8	16	-
BA Professional Studies	-	-	-	-	-	-
BA Social Sciences	-	-	-	3	4	5
Certificate, Substance Abuse & Addiction Studies	-	-	-	-	1	1
Total All Programs	52	54	50	81	78	56

* Includes Molokai graduates.

SOURCE: University of Hawaii System, Office of the Vice President for Academic Planning and Policy.

2.18

**MAUI COMMUNITY COLLEGE,
NUMBER OF STUDENTS AND FACULTY**

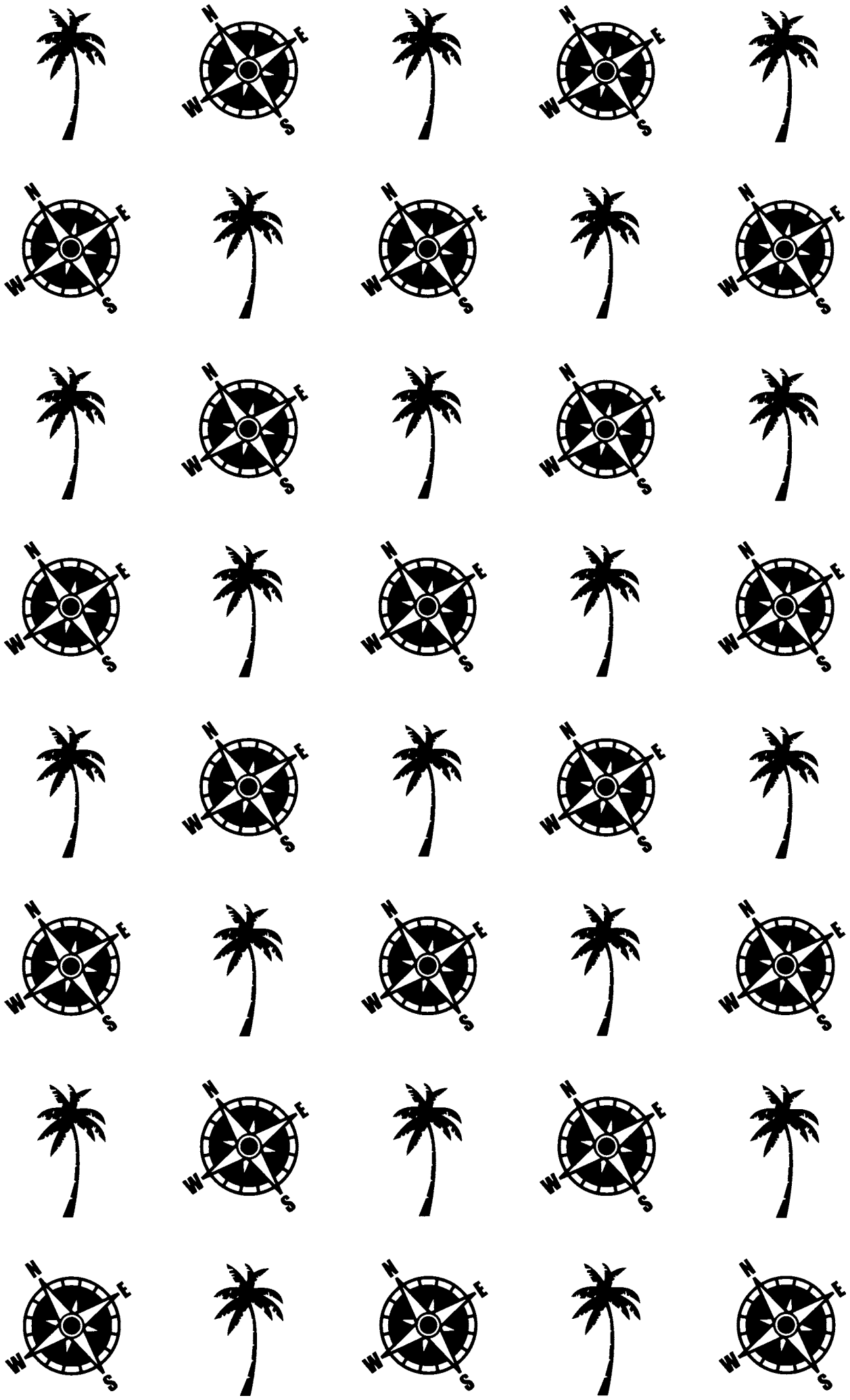
Fall Semester	Total	Full-Time	Part-Time
Students Enrolled			
1990	2,337	763	1,574
1991	2,589	792	1,797
1992	2,688	851	1,837
1993	2,578	870	1,708
1994	2,809	912	1,897
1995	2,765	985	1,780
1996	2,854	1,046	1,808
1997	2,787	1,062	1,725
1998	2,849	1,074	1,775
1999	2,862	1,013	1,849
2000	2,678	998	1,680
2001	2,699	982	1,717
2002	2,989	1,042	1,947
2003	2,985	1,085	1,900
2004	2,996	1,146	1,850
Number of Faculty			
1990	134	74	60
1991	144	85	59
1992	153	82	71
1993	156	85	71
1994	157	84	73
1995	148	80	68
1996	161	83	78
1997	161	83	78
1998	162	86	76
1999	165	87	78
2000	169	86	83
2001	180	90	90
2002	186	97	89
2003	160	92	68
2004p	191	98	68

Note: Beginning with 1995, two additional categories of student are included in the enrollment figures. The categories are early admission (high school students taking Maui Community College classes) and concurrent (students primarily registered at another University of Hawaii campus who are taking at least one Maui Community College class).

r: Revised from previous Data Book. p: Preliminary.

SOURCES: University of Hawaii, Institutional Research Office, *Fall Enrollment Report, Community Colleges and Faculty and Staff Report, University of Hawaii.*

Geography & Land Use



Section 3

GEOGRAPHY & LAND USE

This section presents statistics on physical geography, water areas, climate, land use, value and ownership. Information on agriculture, forests and parks may be found in other sections of the book.

Maui County consists of four of the major eight islands in the State of Hawaii: Maui, Molokai, Lanai and Kahoolawe. The total land area of Maui County is 1,171.0 square miles with a general coastline of 210 statute miles. The highest peak in the county is Haleakala (Red Hill), Maui, at 10,023 feet; the largest stream is Kalialinui-Waiale Gulch, Maui, 18 miles; the most extensive lake or similar body, Kealia Pond (Marsh), Maui, 500 acres and the highest waterfall (in the county and in the state) is Kahiwa, Molokai, a 1,750-foot cascade.

The climate of Maui County is defined by average temperatures ranging from 81.3 degrees in the warmest month at Kahului Airport, Maui, to 73.4 degrees in the coolest month. Rainfall varies greatly. Annual averages for rainfall in the county range from 81 inches in Hana, to 26 inches in Molokai, to 15 inches in Lahaina.

The State Land Use Commission has zoned 27,981 acres in Maui County as urban, 311,601 as conservation, 402,992 as agricultural and 8,326 as rural.

In the State of Hawaii, land ownership data indicates that the federal government owns 3.9 percent of all land, the state and counties own 25.7 percent, and private owners (chiefly large estates) have 70.3 percent. The island of Kahoolawe (28,800 acres) was transferred from the federal government to the State of Hawaii in May, 1994.

Considerable caution is necessary in comparing statistics from different sources on land use and ownership. Variations in definitions and survey dates seriously affect comparability.

Sources important to these tables are the U.S. National Climatic Data Center, the Atlas of Hawaii, 3rd edition, published by the University of Hawaii Press in 1998; Government in Hawaii, published annually by the Tax Foundation of Hawaii; and The State of Hawaii Data Book, published annually by the Department of Business, Economic Development and Tourism.

3.1.1

LAND AND WATER AREA OF COUNTIES AND ISLANDS

County or Island	SQUARE MILES			ACRES ¹	
	Total	Land ²	Inland Water ³	Total	Land
State Total	6,470.8	6,425.2	45.6	4,141,312	4,112,128
Counties⁴					
Hawaii	4,035.2	4,034.2	1.0	2,582,528	2,581,888
Maui	1,171.0	1,161.6	9.4	749,440	743,424
Kalawao	14.3	13.3	1.0	9,152	8,512
Honolulu ⁵	620.5	596.3	24.2	397,120	381,632
Kauai ⁵	629.8	619.8	10.0	403,072	396,672
Islands⁴					
Hawaii	4,035.2	4,034.2	1.0	2,582,528	2,581,888
Maui ⁶	734.5	728.6	5.9	470,080	466,304
Kahoolawe	45.9	45.0	0.9	29,376	28,800
Lanai	141.2	140.4	0.8	90,368	89,856
Molokai	263.7	260.9	2.8	168,768	166,976
Oahu	617.6	593.6	24.0	395,264	379,904
Kauai	558.2	549.4	8.8	357,248	351,616
Niihau ⁷	71.1	70.0	1.1	45,504	44,800
Kaula	0.4	0.4	–	256	256

¹ Areas in acres were calculated directly from the figures shown for square miles; these equivalents were independently rounded, and hence may not add exactly to the indicated totals and subtotals. One square mile = 640 acres.

² Dry land and land temporarily or partially covered by water, as marshland, swamps, etc. streams and canals under one-eighth statute mile wide; and lakes, reservoirs, and ponds under 40 acres of area.

³ Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water and islands having less than 40 acres of area.

⁴ Because of rounding, island figures may not add to county figures.

⁵ Reflect inclusion of Kaula in the County of Kauai rather than in the City and County of Honolulu (Act 245, S.L.H. 1988, approved June 9, 1988).

⁶ Molokini, offshore of Maui, not measured; other sources give the area of Molokini as 18.6 acres (0.03 square miles).

⁷ Includes Lehua, previously reported as 243 acres (0.38 square miles).

SOURCE: Hawaii State Department of Planning and Economic Development, *Remeasurements of the Area of Hawaii, 1982* (Statistical Memorandum 83-6, May 18, 1983); Hawaii State Department of Business and Economic Development, *State of Hawaii Data Book*.

3.1.2

GENERAL COASTLINE AND TIDAL SHORELINE OF HAWAII, BY COUNTY AND ISLAND

	GENERAL COASTLINE ¹		TIDAL SHORELINE ²	
	Statute Miles	Kilometers ³	Statute Miles	Kilometers
State Total	750	1,207	1,052	1,693
Counties				
Hawaii	266	428	313	504
Maui and Kalawao	210	338	343	552
Honolulu	137	220	234	377
Kauai	137	220	162	261
Islands⁴				
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 Islands⁵	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 mile = 1.609 km.

⁴ Data are not available for 4 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: Hawaii State Department of Planning and Economic Development, *Hawai'i, the Natural Environment* (1974), p. 13; Hawaii State Department of Business and Economic Development, *The State of Hawaii Data Book, 1989* (November 1989), table 131.

3.1.3

MAJOR NAMED WATERFALLS, MAUI COUNTY

Waterfall ¹	Cascade Height (feet)	Horizontal Distance (feet)	Average Discharge (million gal/day)
Maui			
Honokohau	1,120	500	26.6
Waihiumalu	400	150	
Waimoku	40	50	37.1
Molokai			
Kahiwa	1,750	1,000	
Papalaua	1,200	500	
Wailele	500	150	
Haloku	500	200	
Hipuapua	500	300	
Olupena	300	150	
Moaula	250	200	19.7

¹ Includes the largest named waterfalls in each island, either in height or average discharge; all other named falls 250 feet high or over; and well-known small falls. Many unnamed falls have sheer drops of 200 feet or more.

SOURCE: U.S. Geological Survey, records; Hawaii State Department of Land and Natural Resources, Division of Water and Land Development, records, and Hawaii State Department of Planning and Economic Development, *Hawai'i, the Natural Environment*(1974), p.18.

3.1.4

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 ²	13,679	4,169
Hualalai	8,271	2,521
Kaunu o Kaleihoochie	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
Kaunuohua	4,535	1,382
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

3.1.4

CONTINUED

Island and Summit	Feet	Meters
Kauai		
Kawaikini	5,243	1,598
Waialeale	5,148	1,569
Namolokama Mountain	4,421	1,348
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 Shoal		
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 1991 *Guinness Book of World Records* (p. 142), "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 33,476 ft., of which 13,796 ft. are above sea level."

² *Guinness* (p. 142-143) describes Mauna Loa as having "dimensions, but not height, [which] exceed those of Mt. Everest The axes of its elliptical base, 16,322 ft. below sea level, have been estimated at 74 miles and 53 miles."

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).

3.1.5

MISCELLANEOUS GEOGRAPHIC STATISTICS, BY ISLAND

	State	Hawaii	Maui	Kahoolawe	Lanai	Molokai	Oahu	Kauai	Niihau
Extreme Length (miles)		93	48	11	18	38	44	33	8
Extreme Width (miles)		76	26	6	13	10	30	25	6
Miles of Sea Cliffs with Heights of 1,000 Feet or More ¹	33	4	–	–	1	14	–	11	3
Miles from Coast of Most Remote Point	28.5	28.5	10.6	2.4	5.2	3.9	10.6	10.8	2.4
Percent of Area Within 5 Miles of Coast	48.6	30.0	76.1	100.0	100.0	100.0	79.0	65.0	100.0
Percent of Area with Elevation of Less than 500 Feet	20.8	12.0	24.9	38.9	24.8	37.3	45.3	35.6	78.2
Percent of Area with Elevation of 2000 Feet or More	50.9	68.4	41.4	0.0	6.3	17.8	4.6	24.0	0.0
Approximate Mean Altitude (feet)	3030	3950	2390	600	1140	1150	860	1380	530
Percent of Area with Slope Less Than 10 Percent	63.5	76.0	38.5	60.0	61.0	53.0	42.5	33.5	68.0
Percent of Area with Slope 20 Percent or More	17.0	4.0	36.0	9.0	16.0	26.0	45.5	50.5	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 World Records* (1991 edition, p. 148) as "the highest sea cliffs yet pinpointed anywhere in the world."

SOURCE: Hawaii State Department of Planning and Economic Development, *Hawai'i, the Natural Environment* (1974), p. 19; and U.S. Geological Survey, *Elevations and Distances in the United States* (1978), p. 4-5.

3.1.6

**TEMPERATURE AND PRECIPITATION
AVERAGES AND EXTREMES, MAUI COUNTY**

	STATION DATA				TEMPERATURES				Record High		Record Low			
	Elevation ft.	1st Year of Record	Daily Average		Warmest Month		Coolest Month		°F	Date	°F	Date		
			High	Low	High	Low	High	Low					Month	Month
Maui														
Haleakala														
Ranger Station	6,960	1949	62.7	44.6	66.1	47.6	Aug	59.1	45.1	Feb	80	07/25/1953	27	02/26/1965
Hana Airport	61	1950	80.8	67.4	83.5	70.3	Aug	78.2	63.8	Feb	94	11/03/1979	50	01/09/1953
Kahului Airport	48	1954	83.8	67.4	87.3	71.3	Aug	80.1	63.3	Feb	97	08/31/1994	48	01/20/1969
Kailua (NE Maui, inland)	700	1949	76.6	63.8	79.6	66.2	Sep	74.3	60.8	Feb	88	09/18/1968	50	01/05/2004
Lahaina	45	1949	84.9	66.4	88.1	69.7	Aug	81.4	63.0	Feb	97	08/18/1985	52	12/23/1962
Molokai														
Molokai Airport	450	1953	81.4	67.7	85.2	71.4	Aug	77.3	63.2	Feb	96	04/14/1974	46	03/04/1987
Lanai														
Lanai Airport	1,300	1949	79.3	62.7	82.7	65.8	Aug	75.8	59.2	Jan	93	07/02/2004	46	01/22/1955
Lanai City	1,620	1949	75.4	62.4	78.1	65.8	Aug	72.5	59.5	Jan	89	09/07/1994	47	02/22/1973

	Annual Average in.	Days Precip. >=0.01 in.	PRECIPITATION											
			Wettest Year		Driest Year		Wettest Month		Driest Month		1 Day Record			
			in.	Year	in.	Year	in.	Month	in.	Month	in.	Date		
Maui														
Haleakala Ranger Station	52.92	144	121.16	1980	17.71	1962	8.54	Jan	1.20	Jun	18.50	01/09/1980		
Hana Airport	80.84	268	126.23	1965	49.64	1953	9.52	Mar	4.08	Jun	17.57	04/16/1968		
Kahului Airport	19.06	97	40.63	1989	6.76	1998	3.75	Jan	0.23	Jun	5.82	12/21/1955		
Kailua (NE Maui, inland)	119.45	267	161.82	1969	79.20	1953	12.67	Mar	6.60	Sep	15.20	11/15/1965		
Lahaina	14.62	33	34.78	1950	3.20	1953	3.15	Jan	0.08	Jun	7.01	12/27/1983		
Molokai														
Molokai Airport	25.98	105	43.70	1963	11.06	2001	4.61	Jan	0.54	Jun	9.03	02/12/1989		
Lanai														
Lanai Airport	19.36	60	47.66	1951	5.28	1999	3.33	Dec	0.51	Aug	10.45	11/10/1955		
Lanai City	35.14	113	66.87	1968	15.64	1999	5.30	Jan	1.28	Jun	11.25	11/10/1955		

SOURCE: U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Western Regional Climate Center, Hawaii Climate Summaries.

3.1.7

MONTHLY RAINFALL AND TEMPERATURE AT SPECIFIED LOCATIONS
IN MAUI COUNTY

Station	2004												Departure from Normal	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Annual
RAINFALL¹														
Maui														
Haleakalala Ranger Station	7.49	9.05	16.09	8.58A	6.32	0.48	1.22	7.35A	1.99	2.11	6.26	3.06	70.00	M
Hana Airport	6.88	8.70	37.28	5.13	9.21	5.30	3.04	8.23	3.73	5.79	3.80	4.27	101.36	21.46
Kahului Airport (WSO)	7.89	3.08	8.54	2.47	2.24	0.04	0.05	0.36	0.02	0.00X	0.00T	1.48	26.17X	M
Kapalua-West Maui Airport	15.37	5.40	10.84	4.40	3.08	0.89	0.47	0.81	0.58	1.73	2.82	2.04	48.43	22.26
Keanae	10.50A	10.00	23.20A	23.00	24.00	12.50	8.50	10.50A	9.50	10.80	23.50A	0.00A	166.00	M
Kihei	9.07	3.81	4.42	1.05	4.00	0.00	0.00	0.53	0.00	1.09	1.19	1.22	26.38	13.75
Kula Hospital	10.45	6.00	4.85	4.59	3.96	3.78	1.01	1.13	3.98	10.45	5.14	1.64	56.98	28.31
Makena Golf Course	7.12	3.17	3.62	5.05	2.43	0.06	0.93	1.35	2.52	1.69	1.72	0.31	29.97	16.37
Puu Kukui	34.20S	48.68S	66.41A	51.17	30.54	41.52A	12.46	27.03A	11.03A	18.06A	21.09A	15.54	378.54	M
Waikamoi	10.50A	10.00	0.00A	20.90A	18.20	10.90	31.20	0.00A	10.40A	7.00	14.80A	0.00A	133.90	M
Waihee	16.03	15.76	10.13	6.20	7.21	4.63	3.55	13.86	4.55	9.40	10.45	4.85	106.62	35.71
Molokai														
Kalaupapa	9.68A	1.60	15.51A	5.72	4.56	1.71	1.05	4.25A	2.89X	2.69	3.59A	3.81	57.06X	M
Molokai Airport	13.56	0.54	6.22	0.63	2.09	0.18	0.03	M	M	M	M	M	M	M
Lanai														
Lanai Airport	6.83	2.31	3.23	0.74	2.77	0.67	0.08	1.27	1.08	2.01	3.60	1.51	26.1	9.66
Lanai City	17.96A	18.92A	14.77A	4.20A	4.21A	3.03A	0.47A	1.66A	0.32A	4.36A	5.50A	3.00A	78.4	M

A: Accumulated amount. May include data from a previous month.

M: Insufficient or partial data; m appears alone if 10 or more daily values are missing.

S: Precipitation amount is continuing to be accumulated. Total will be included in a subsequent monthly or yearly value.

T: Trace precipitation.

X: Monthly means or totals based on incomplete time series. 1 to 9 days are missing.

¹ Precipitation for month.

3.1.7

CONTINUED

2004

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
TEMPERATURE²													
Maui													
Haleakalala Ranger Station	53.0X	53.9X	51.2X	51.2X	55.6X	56.3X	56.7X	58.8	55.7X	55.0	54.4X	51.0X	54.4X
Hana Airport	71.7X	73.1X	71.6X	M	74.5X	75.5X	77.0X	77.3X	77.3X	76.9X	75.6	72.8X	MX
Kahului Airport	71.9	73.4	72.6	73.7	76.3	78.8	79.5	81.3	80.0	79.4	76.3	73.2	76.4
Kailua	64.3X	66.1	64.1X	65.6	66.6X	68.3	69.2	70.4X	69.8	69.4	M	64.2X	MX
Kapalua-West Maui Airport	72.7	73.7	71.6	73.5	75.9	77.4	79.0	80.4	80.2	79.1	77.4	78.6	76.6
Kula Branch Stn.	62.0	62.9	62.2	62.6	65.0	66.0	66.9	68.6	68.3	67.4X	64.7	62.5	64.9X
Kula Hospital	61.5X	62.7X	61.4X	62.2X	64.7	65.2	66.1	67.7	67.2X	61.9X	64.5X	61.6	63.9X
Makena Golf Course	72.4X	73.5X	72.6X	73.6X	76.2X	77.5X	78.5X	79.9	78.8X	78.3	76.7X	73.6	76.0X
Oheo	73.3	74.7X	73.3X	74.3	76.1	76.5	77.8X	78.3	78.3X	77.8X	75.6	74.5X	75.9X
Molokai													
Kalaupapa	M	M	72.4X	73.3X	M	M	M	M	M	M	M	74.1X	MX
Molokai Airport	70.9	73.3	71.4	73.4X	75.1	77.4X	78.3	M	M	M	M	M	M
Lanai													
Lanai Airport	68.5	70.3X	69.5X	71.4	73.0	73.4	76.1	76.3	75.1X	73.8	72.1	69.5X	72.4X
Lanai City	M	M	66.9X	68.3X	M	71.6X	M	M	M	M	M	M	M

² Average temperature for month.

A: Accumulated amount. May include data from a previous month.

M: Insufficient or partial data; m appears alone if 10 or more daily values are missing.

X: Monthly means or totals based on incomplete time series. 1 to 9 days are missing.

T: Trace precipitation.

SOURCE: U.S. Department of Commerce, National Oceanographic and Atmospheric Administration, National Climatic Data Center, *Climatological Data Annual Summary, Hawaii and Pacific*, 2004.

3.1.8

ANNUAL RAINFALL AND TEMPERATURE AT SPECIFIED LOCATIONS, MAUI COUNTY

Station	1998	1999	2000	2001	2002	2003	2004
ANNUAL RAINFALL							
Maui							
Haleakala Ranger Station	34.16	52.24	37.30	40.62	42.56	32.60	70.00
Hana Airport	56.44	60.44	86.85	48.37	66.47	66.93	101.36
Kahului Airport (WSO)	6.76	9.66	9.72	10.53	15.07	13.83	26.17X
Kapalua-West Maui Airport	19.20	21.66	18.92	20.61	27.98	27.07	48.43
Keanae	M	79.90M	94.50M	82.10	96.23	151.90	166.00
Kihei	4.47	7.13	3.26	6.20	13.33	11.58	26.38
Kula Branch Stn.	10.12	12.38	11.89	15.83	30.31	25.67	31.57
Lahaina	1.86	2.62	6.01	NA	NA	NA	NA
Makena Golf Course	5.58	10.16	7.47	7.01	18.24	M	29.97
Puu Kukui	446.45	379.88	320.67M	307.26	242.54	M	378.54
Wailuku	17.16	18.57	16.14	24.58	M	NA	NA
Molokai							
Kalaupapa	M	30.81	29.62	M	39.78	40.03	57.06X
Molokai Airport	12.66	13.52	11.38	11.06	22.95	24.38	M
Lanai							
Lanai Airport	10.69	5.28	10.60	17.58	26.49	M	26.1
Lanai City	19.85	15.64	18.39	M	42.58	M	78.4
AVERAGE ANNUAL TEMPERATURE							
Maui							
Haleakala Ranger Station	53.7	53.8M	54.9	54.95	55.6M	46.2X	54.4X
Hana Airport	74.0M	M	M	M	74.2M	M	MX
Kahului Airport (WSO)	75.1	75.1	75.3	75.7	75.4	76.4	76.4
Kapalua-West Maui Airport	74.3M	74.5M	75.0M	75.3M	75.4	76.0X	76.6
Kula Branch Stn.	63.2M	62.2M	63.8M	64.2M	64.0	64.5	64.9X
Kula Hospital	62.6M	62.8M	M	63.8M	63.4M	63.9	63.9X
Lahaina ¹	M	M	M	NA	NA	NA	NA
Makena Golf Course	74.4M	74.8M	75.4M	75.7M	75.2M	MX	76.0X
Molokai							
Molokai Airport	73.9	73.8	M	M	74.9M	68.6X	M
Lanai							
Lanai Airport	71.0M	70.9M	71.8M	72.0M	71.7M	M	72.4X
Lanai City	M	68.4M	M	M	M	M	M

M: Insufficient or partial data; m appears alone if 10 or more daily values are missing.

X: Monthly means or totals based on incomplete time series. 1 to 9 days are missing.

NA: Not available.

¹ Lahaina station no longer in service as of 2001.

SOURCE: U.S. Department of Commerce, National Oceanographic and Atmospheric Administration, National Weather Service Forecast Office, Honolulu.

3.2.1

TRENDS IN REAL PROPERTY TAX BASE, MAUI COUNTY

*Gross valuation in thousands
As of January 1 unless otherwise noted*

	1999	2000	2001	2002	2003	2004	2005
Improved Residential							
Land	1,568,983	1,629,787	1,778,535	2,105,914	2,229,559	2,760,153	3,802,950
Improvements	817,079	883,993	980,638	1,147,963	1,221,288	1,184,331	1,398,612
Unimproved Residential							
Land	282,747	327,362	312,704	291,068	295,995	339,207	487,817
Improvements	1,872	122	2,373	348	10,245	2,710	1,501
Homeowner							
Land	2,225,415	2,383,931	2,645,650	3,068,710	3,448,058	4,587,953	6,163,343
Improvements	2,143,098	2,253,350	2,494,417	2,753,442	3,024,256	3,353,718	3,808,206
Hotel/Resort							
Land	1,066,582	1,066,560	1,118,337	1,212,092	1,178,686	1,391,638	1,490,422
Improvements	2,681,250	2,841,594	3,173,969	3,424,136	3,739,235	4,522,441	4,835,251
Apartment							
Land	496,335	570,516	576,269	660,144	630,001	677,004	922,833
Improvements	1,096,639	1,220,117	1,429,635	1,677,822	1,895,848	1,847,497	2,441,722
Time Share¹							
Land							107,923
Improvements							470,813
Commercial							
Land	611,007	631,941	672,344	698,764	675,803	756,533	951,946
Improvements	391,668	393,739	471,205	492,228	509,617	553,713	603,709
Industrial							
Land	577,667	593,621	607,145	600,716	539,019	556,447	688,330
Improvements	411,845	416,315	439,790	471,526	468,954	483,615	501,882
Agricultural							
Land	894,855	944,608	1,024,089	1,128,381	1,152,951	1,474,200	2,171,437
Improvements	363,055	379,565	422,948	450,050	500,406	548,376	656,311
Conservation							
Land	271,170	278,967	289,466	340,554	328,518	306,918	305,110
Improvements	27,759	29,723	29,829	30,985	33,323	36,788	38,659
TOTAL²	15,929,026	16,845,811	18,469,342	20,554,842	21,881,760	25,383,244	31,848,774

NOTES: Gross valuations do not include nontaxable properties. Detail may not add to totals due to rounding.

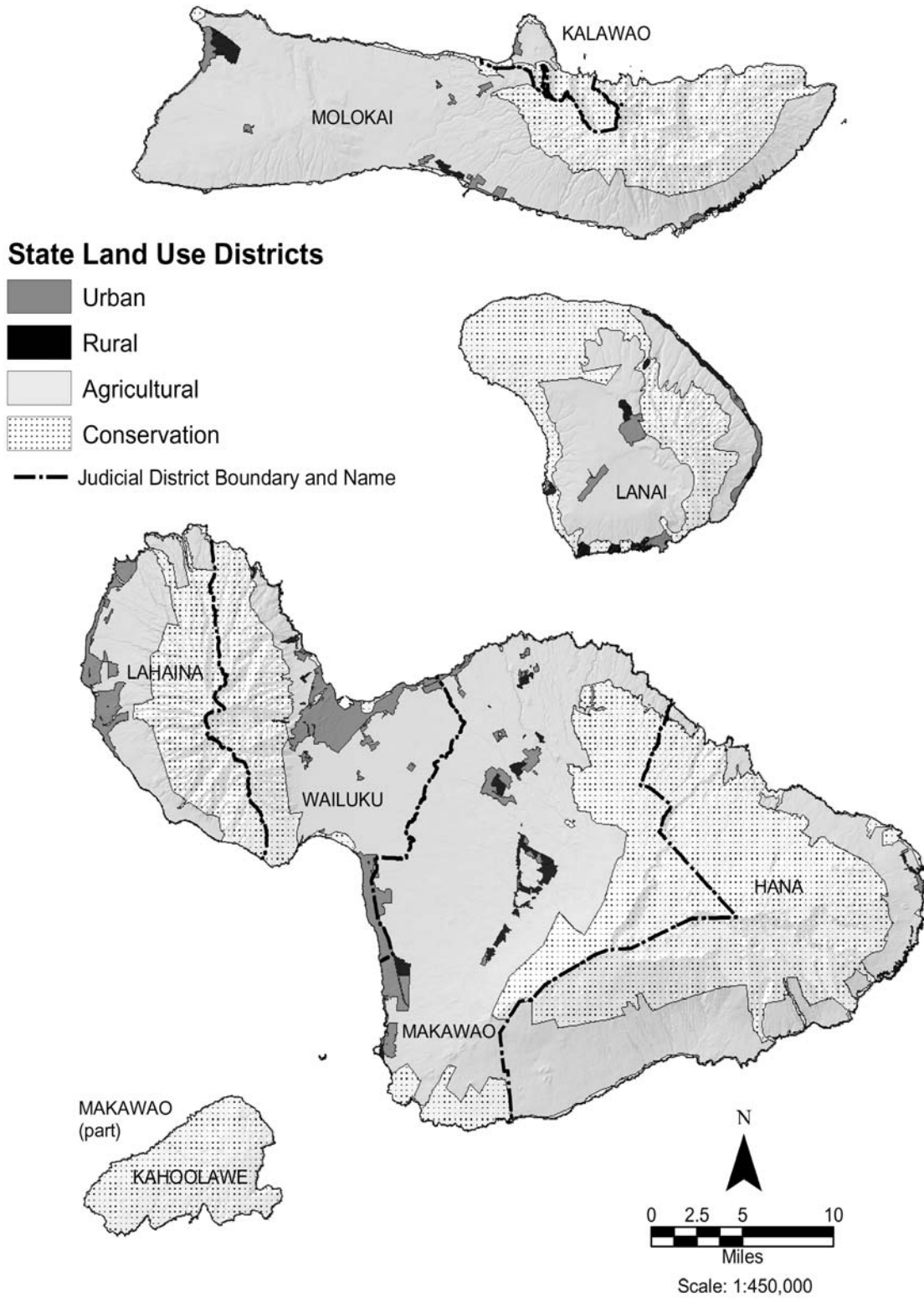
¹ New category as of 2005.

² Total maybe different than sum due to rounding.

SOURCE: County of Maui, Department of Finance, Real Property Tax Division, records.

3.2.2

LAND USE DISTRICTS, MAUI COUNTY



SOURCE: State of Hawaii, Office of Planning, Hawaii Statewide GIS Program.

3.2.3

ESTIMATED ACREAGE OF LAND USE DISTRICTS, BY ISLANDS

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 ²	CLASSIFICATION BY STATE LAND USE COMMISSION ¹			
		Urban	Conservation	Agricultural	Rural
As of December 31, 2004					
Maui	465,800	22,185	194,836	244,726	4,053
Lanai	90,500	3,257	38,197	46,639	2,407
Molokai	165,800	2,539	49,768	111,627	1,866
Kahoolawe	28,800	—	28,800	—	—
Hawaii	2,573,400	53,722	1,304,347	1,214,527	804
Oahu	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 ³	1,900	—	1,900	—	—
State Total	4,112,388	196,991	1,973,636	1,931,378	10,383

¹ For definitions, see Hawaii Revised Statutes, Section 205-2.

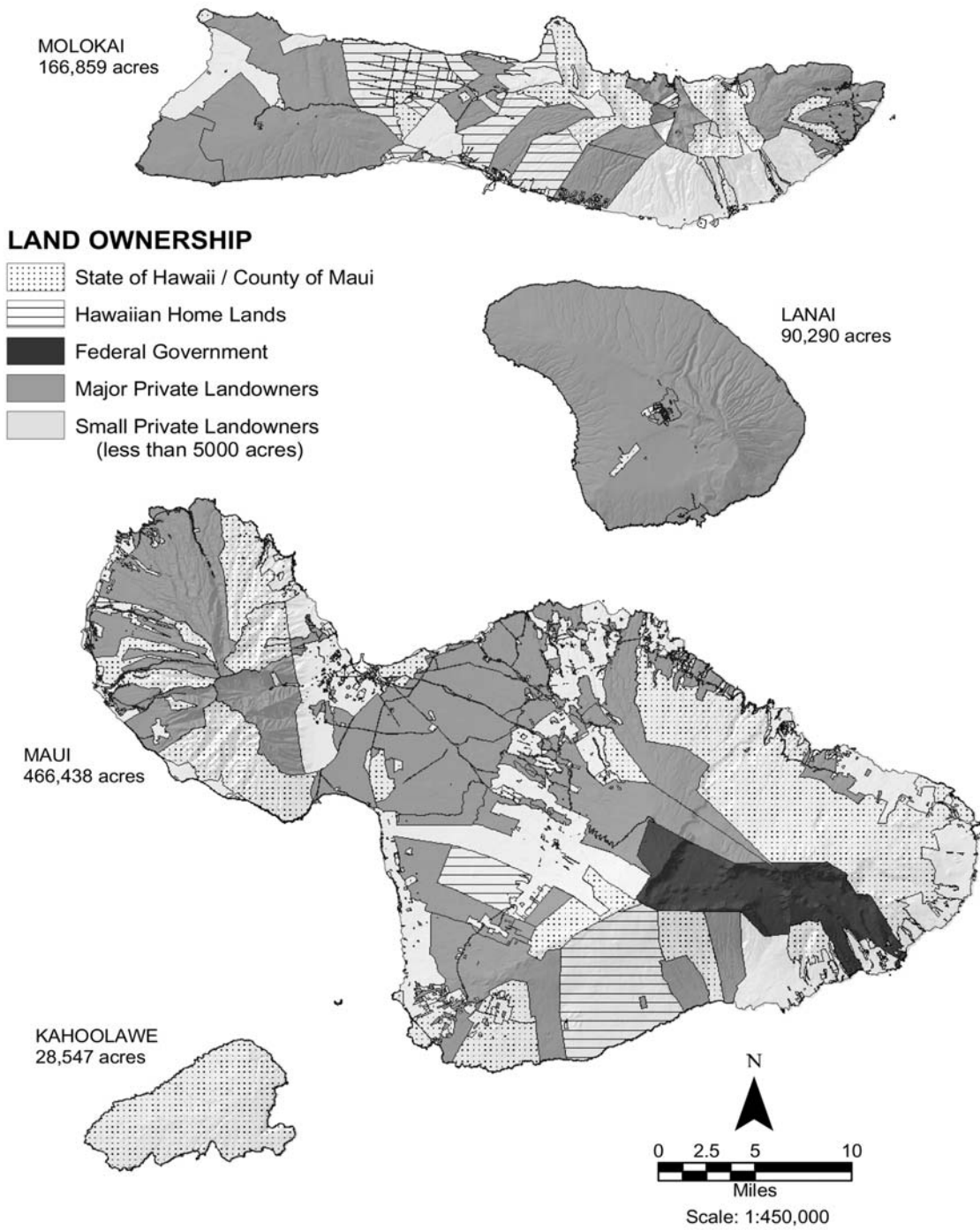
² These totals differ somewhat from the official figures based on measurements by the Geography Division of the U.S. Bureau of the Census.

³ The Northwestern Hawaiian Islands, from Nihoa to Kure Atoll, excluding Midway.

SOURCE: Hawaii State Department of Business, Economic Development & Tourism, Land Use Commission, records.

3.2.4

LAND OWNERSHIP, MAUI COUNTY



SOURCE: State of Hawaii, Office of Planning, Hawaii Statewide GIS Program.

3.2.5

NATIONAL AND STATE HISTORIC PLACES, MAUI COUNTY

Island of Maui

Alae Petroglyphs
Alena Habitation Site
Bank of Hawaii - Haiku Branch
Cave of Seven Coffins
CHINESE SOCIETY HALLS:
 Wo Hing Society Hall
 Ket Hing
Crater Historic Dist. - Haleakala
Frank Baldwin/H.F. Rice Res
Gomes Residence
Ha'iku Mill
Hale Ho'ike'ike
Hale Pa'I
Haleki'i-Pihana Heiau
Hale-o-Lono Heiau
Hamoia Complex
Hana Belt Road
Hana Police Station & Courthouse
Hana Store
Hanamau'uloa Complex
Hardy House
Holy Ghost Catholic Church
Hongwanji Temple
Honokalani Village
Honokowai Petroglyphs
Iao Theater
Ka'ahumanu Church
Kahikinui House
Kaiapuni Ho'a
Kaimupe'elua Heiau
Kalepolepo Fishpond
Kaluakakalioa Cave
Kaluanui Heiau Complex

Island of Maui (Continued)

Kama'ole House Site
Kauhihale Complex
Ka'umi'umia Heiau
Keone'oio Archaeological Dist.
Kilolani Congregational Church
Kipahulu Historic District
Kipapa Archaeological District
Lahaina Historic District (60 Sites)
Lo'alo'a Heiau
Luala'ilua Cave
Luala'ilua Heiau
Luala'ilua Terrace Complex
Lufkin Residence
Makawao Union Church
Maui Jinsha Mission
Molohai heiau
Paia School
Papakea heiau
Papakea Petroglyphs
Pi'ilanihale Heiau
Schools
 Wailuku School
 Puunene School
 Henry Perrine Baldwin HS
 Paia School
 Keanae School
 Kaupo School
Wahene Platform
Waiale Bridge
Waihe'e Church
Waikapu Stone Church
Wailuku Civic Center
Wananalua Cong. Church

Island of Molokai

Ahina Heiau
FISHPONDS (mostly submerged)
 Fishponds (numerous)
 Mikiawa Fishpond
 Weheleau'ulu Fishpond
 Halemahana Fishpond
 Ualapu'e Fishpond
 Kalua'aha Fishpond
 Mahilika Fishpond
 Panahana Fishpondh
 Ipukaiole Fishpond
 Kainalu Fishpond
 Kahinapohaku Fishpond
 Honouliwai Fishtrap
 Hokukano-'Ualapu'e Complex
 Keawanui Fishpond
 Kukui Heiau
 Pu'u 'Olelo Heiau
 Kaluakapi'ioho Heiau
 Kahokukano Heiau
 Pakui Heiau
 Kalauonakukui Heiau
 'Ualapu'e Fishpond
 'Ili'ili'opae Heiau
 Kalua'aha Church
 Kilohana School
 St. Joseph Catholic Church

Island of Lanai

Kealiakapu Complex
Pu'upehe Platform

Island of Kahoolawe

Kaho'olawe Archaeological Dist.

SOURCE: Hawaii State Department of Land and Natural Resources, State Historic Preservation Division, records.

3.2.6

LAND IN HAWAII OWNED BY SELECTED LARGE LANDOWNERS

Ownership	2000	2001	2002	2003
Eight Large Landowners	976,693	NA	954,207	822,606
Percent of Total Land Area ¹	23.8	NA	23.2	20.0
Kamehameha Schools ²	366,042	366,458	365,794	365,760
Richard S. Smart (Parker Ranch)	136,332	136,686	135,312	134,446
Castle and Cooke, Inc.	95,200	NA	94,760	94,737
Dole Food Company, Inc.	28,515	NA	28,507	28,472
Samuel M. Damon Estate	121,360	121,360	121,357	5,336 ³
Alexander and Baldwin, Inc.	91,100	91,000	90,900	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

NA: Not available.

¹ Based on area of 4,110,966 acres.

² As of July 1. Formerly known as the Bernice P. Bishop Estate.

³ A significant amount of land was conveyed to various entities in 2003.

SOURCE: Department of Business, Economic Development & Tourism, survey of major landowners.

3.2.7

DEPARTMENT OF HAWAIIAN HOME LANDS ACREAGE, LESSEES, AND APPLICANTS, BY ISLANDS

The Department of Hawaiian Home Lands administers land set aside for the benefit of qualified Native Hawaiians, who receive homestead leases and financial assistance from the Department

June 30, 2004	Maui	Molokai	Lanai	Hawaii	Kauai	Oahu	State Total
Acreage ¹	202,658	117,313	31,688	50	25,769	7,273	20,565
Homestead leases ²	7,418	2,091	776	-	835	3,191	525
Residential	5,934	1,306	634	-	387	3,131	476
Agricultural	1,096	502	66	-	421	60	47
Pastoral	388	283	76	-	27	-	2
Applicant waiting list ²	34,327	12,360	6,680	70	1,686	10,049	3,482
Residential	17,989	5,031	2,995	70	687	7,750	1,456
Agricultural	14,072	5,834	3,295	-	844	2,299	1,800
Pastoral	2,266	1,495	390	-	155	-	226

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 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, *Annual Reports* and records.

3.2.8
DISPOSITION OF STATE LANDS, MAUI COUNTY
2004

Document Number	Permittee or Grantee Name	Location	Acres	Use	Payment
Revocable Permits					
RP7196	Asso. of Apt. Owners of Mana Kai-Maui	Wailuku	0.43	Parking	\$1,440
RP7368	Alexander & Baldwin, Inc.	Wailuku	778.37	Sugarcane	\$55,560
RP7382	Maui Pineapple Company, Ltd.	Lahaina	153.39	Agriculture	\$14,352
RP7394	Moses K. Kauhaahaa, IV	Wailuku	0.32	Agriculture	\$840
	Total Island of Maui:		932.51		\$72,192
General Leases & Term Easements					
GL5639	Assn. of Apt. Owners of Kanai A Nalu	Wailuku	0.01	Seawall	\$2,300
GL5684	Linda Kay Goy	Makawao	0.103	Water	\$1,400
GL5686	George H. Tanji, Trustee of the	Makawao	0.057	Utility	\$1,300
	Total Island of Maui:		0.166		\$5,000
Executive Orders - Set Asides					
4033	County of Maui	Lahaina,	4.02	Housing	n/a
4050	Department of Transportation	Waiehu	0.273	Highway	n/a
4051	Department of Transportation	Waikapu	64.731	Roadway	n/a
4087	County of Maui	Waiohuli	0.398	Recreation	n/a
4088	County of Maui	Lahaina	3.29	Park	n/a
	Total Island of Maui:		72.716		n/a
Perpetual Easements					
LOD28626	Maui County Department of Water Supply	Wailuku	0.022	Utility	\$0
LOD28685	Randall S. Sohler	Makawao	0.07	Access & Utility	\$156
LOD28686	Maui County Department of Water Supply	Lahaina	0.159	Water	\$0
LOD28690	Maui County Department of Water Supply	Wailuku	0.11	Utility	\$0
LOD28700	Maui County Department of Transportation	Wailuku	0.03	Drainage	\$0
LOD28704	County of Maui	Makawao	0.7	Access & Utility	\$0
	Total Island of Maui:		1.05		\$156
LOD28613	David W. Singer	Molokai	0.18	Access & Utility	\$0
LOD28703	Christine Feeter	Molokai	0.03	Access & Utility	\$0
LOD28742	Christine Feeter	Molokai	0.03	Access & Utility	\$1,850
	Total Island of Molokai		0.23		\$1,850
Dispositions to Public Utilities					
LOD28473	Maui Electric	Lahaina	11.91	Utility	\$1,100
LOD28477	Maui Electric & Verizon Hawaii	Wailuku	3.68	Utility	\$1,900
LOD28479	Maui Electric & Verizon Hawaii	Makawao	0.0	Utility	\$132
	Total Island of Maui:		15.6		\$3,132
Fee Conveyances					
LOD28514	Maui Land & Pineapple Co	Lahaina	223	Land Exchange	
LOD28662	County of Maui	Wailuku	0.089	Highway	\$1
LOD28706	Edward T. Taylor	Makawao	0.598	Sale of Remnant	\$3,050
LPG15988	Dept. of Hawaiian Home Lands	Wailuku	0.68	Access	\$3,600
LPG15991	Maui Land & Pineapple Co	Lahaina	223	Land Exchange	
	Total Island of Maui:		447.367		\$6,651
LOD28672	County of Maui	Molokai	0.187	Highway	\$1
	Total Island of Molokai		0.187		\$1
Quitclaims of Interest					
LPG15984	Maui County Dept. of Public Works	Molokai	0.111	Highway	\$0
	Total Island of Molokai		0.111		\$0

¹ Annual Payments

² May be annual payments or one time payment.

SOURCE: State of Hawaii, Department of Land and Natural Resources.

3.2.9

SINGLE FAMILY HOME AND CONDOMINIUM SALES BY AREA, MAUI COUNTY

Area	Number of Sales		Average Sales Price		Median Sales Price		Total Dollar Volume	
	2004 Sales	% Chg Last Yr	2004 Average	% Chg Last Yr	2004 Median	% Chg Last Yr	2004 Volume	% Chg Last Yr
SINGLE FAMILY HOMES								
Central	313	27%	\$461,597	23%	\$439,000	29%	\$144,479,954	56%
Haiku	103	34%	\$751,378	13%	\$695,000	12%	\$77,391,910	52%
Hana	11	10%	\$661,909	22%	\$620,000	46%	\$7,281,000	35%
Kaanapali	24	-40%	\$1,355,792	26%	\$1,285,000	33%	\$32,539,000	-24%
Kahakuloa	4	300%	\$955,000	-17%	\$997,500	-13%	\$3,820,000	232%
Kapalua	8	-11%	\$2,682,500	-23%	\$2,200,000	-24%	\$21,460,000	-31%
Kihei	230	-49%	\$630,327	39%	\$549,000	34%	\$144,975,230	-29%
Kipahulu	1	0%	\$548,000	-63%	\$548,000	-63%	\$548,000	-63%
Kula/Ulupalakua/Kanaio	98	-25%	\$762,271	12%	\$642,000	18%	\$74,702,600	-15%
Lahaina	66	78%	\$966,697	72%	\$625,000	20%	\$63,802,000	207%
Lanai	18	13%	\$360,667	83%	\$285,000	56%	\$6,492,000	106%
Maalaea	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Makawao/Olinda/Haliimaile	88	0%	\$571,028	35%	\$499,500	28%	\$50,250,500	35%
Maui Meadows	40	11%	\$1,016,875	24%	\$935,000	20%	\$40,675,000	38%
Molokai	7	75%	\$648,143	-38%	\$400,000	-59%	\$4,537,000	9%
Nahiku	1	0%	\$355,000	-55%	\$355,000	-55%	\$355,000	-55%
Napili/Kahana/Honokowai	67	-7%	\$1,021,199	73%	\$765,000	38%	\$68,420,310	61%
Olowalu	2	N/A	\$1,832,500	N/A	\$1,832,500	N/A	\$3,665,000	N/A
Pukalani	73	-11%	\$538,490	20%	\$527,500	24%	\$39,309,798	7%
Sprecklesville/Paia/Kuau	38	-42%	\$868,566	32%	\$570,000	46%	\$33,005,500	-23%
Wailea/Makena	29	-44%	\$2,549,748	33%	\$1,550,000	20%	\$73,942,700	-26%
Maui Summary:	1,221	-14%	\$730,264	24%	\$550,000	25%	\$891,652,502	6%
CONDOMINIUMS								
Central	171	18%	\$182,737	29%	\$170,000	21%	\$31,247,950	52%
Haiku	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Hana	5	25%	\$167,900	23%	\$163,000	23%	\$839,500	54%
Kaanapali	132	-1%	\$745,255	12%	\$660,000	22%	\$98,373,624	11%
Kapalua	85	39%	\$1,047,060	-1%	\$760,000	11%	\$89,000,100	38%
Kihei	825	-4%	\$299,381	36%	\$269,000	42%	\$246,989,219	31%
Kula/Ulupalakua/Kanaio	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Lahaina	44	0%	\$371,802	-15%	\$295,000	55%	\$16,359,300	-15%
Lanai	4	0%	\$1,720,750	63%	\$1,557,500	69%	\$6,883,000	63%
Maalaea	76	21%	\$368,826	30%	\$357,500	25%	\$28,030,800	57%
Makawao/Olinda/Haliimaile	1	N/A	\$195,000	N/A	\$195,000	N/A	\$195,000	N/A
Molokai	4	N/A	\$201,839	N/A	\$177,500	N/A	\$807,355	N/A
Napili/Kahana/Honokowai	430	-13%	\$383,724	30%	\$360,000	31%	\$165,001,443	14%
Pukalani	2	-33%	\$354,500	-7%	\$354,500	-8%	\$709,000	-38%
Sprecklesville/Paia/	4	0%	\$402,500	17%	\$255,000	56%	\$1,610,000	17%
Wailea/Makena	150	-19%	\$1,074,007	29%	\$737,500	32%	\$161,101,000	4%
Maui Summary:	1,933	-3%	\$438,255	24%	\$310,000	28%	\$847,147,291	20%

N/A: Not applicable.

SOURCE: Maui Board of Realtors, *MLS Resale Data, December 2004.*

3.2.10

LAND SALES BY AREA, MAUI COUNTY

Area	Number of Sales		Average Sales Price		Median Sales Price		Total Dollar Volume	
	2004 Sales	% Chg Last Yr	2004 Average	% Chg Last Yr	2004 Median	% Chg Last Yr	2004 Volume	% Chg Last Yr
LAND SALES								
Central	63	-31%	\$422,850	48%	\$370,000	26%	\$26,639,574	0.02
Haiku	25	-47%	\$459,400	-9%	\$400,000	5%	\$11,485,000	-51%
Hana	14	27%	\$427,214	6%	\$378,000	15%	\$5,981,000	34%
Honokohau	1	N/A	\$495,000	N/A	\$495,000	N/A	\$495,000	N/A
Kaanapali	34	-43%	\$624,485	44%	\$625,000	54%	\$21,232,500	-18%
Kahakuloa	2	-75%	\$398,000	44%	\$398,000	45%	\$796,000	-64%
Kapalua	33	267%	\$1,690,905	18%	\$1,520,000	69%	\$55,799,875	333%
Kaupo	1	-67%	\$145,000	-85%	\$145,000	-85%	\$145,000	-95%
Kihei	81	179%	\$408,314	-23%	\$285,000	4%	\$33,073,470	115%
Kula/Ulupalakua/Kanaio	82	41%	\$379,304	-25%	\$216,250	-46%	\$31,102,950	6%
Lahaina	24	20%	\$822,333	20%	\$825,000	70%	\$19,736,000	44%
Lanai	4	0%	\$591,875	-41%	\$391,250	-64%	\$2,367,500	-41%
Maalaea	0	-100%	\$0	-100%	\$0	-100%	\$0	100%
Makawao/Olinda/Haliimaile	17	-23%	\$474,412	54%	\$385,000	36%	\$8,065,000	19%
Maui Meadows	3	50%	\$721,667	77%	\$550,000	35%	\$2,165,000	166%
Molokai	14	8%	\$271,286	25%	\$180,000	16%	\$3,798,000	34%
Nahiku	2	0%	\$269,950	-20%	\$269,950	-20%	\$539,900	-20%
Napili/Kahana/Honokowai	12	-48%	\$1,014,833	10%	\$420,000	76%	\$12,178,000	-42%
Olowalu	2	N/A	\$872,500	N/A	\$872,500	N/A	\$1,745,000	N/A
Pukalani	11	-21%	\$383,182	80%	\$345,000	57%	\$4,215,000	42%
Sprecklesville/Paia/	6	-14%	\$545,889	24%	\$515,785	1%	\$3,275,333	6%
Wailea/Makena	48	109%	\$1,233,156	36%	\$850,000	56%	\$59,191,500	184%
Maui Summary:	479	7%	\$634,711	27%	\$400,000	21%	\$304,026,602	36%

N/A: Not applicable.

SOURCE: Maui Board of Realtors, *MLS Resale Data, December 2004*.

3.2.11

**FOREST AND NATURAL AREA ACREAGE,
BY ISLAND JUNE 30, 2004**

Island	Conservation district forest land		Natural areas ³	
	Forest reserve land ¹	Private forest land ²	Number of areas	Acres
2004				
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	-	-	-	-

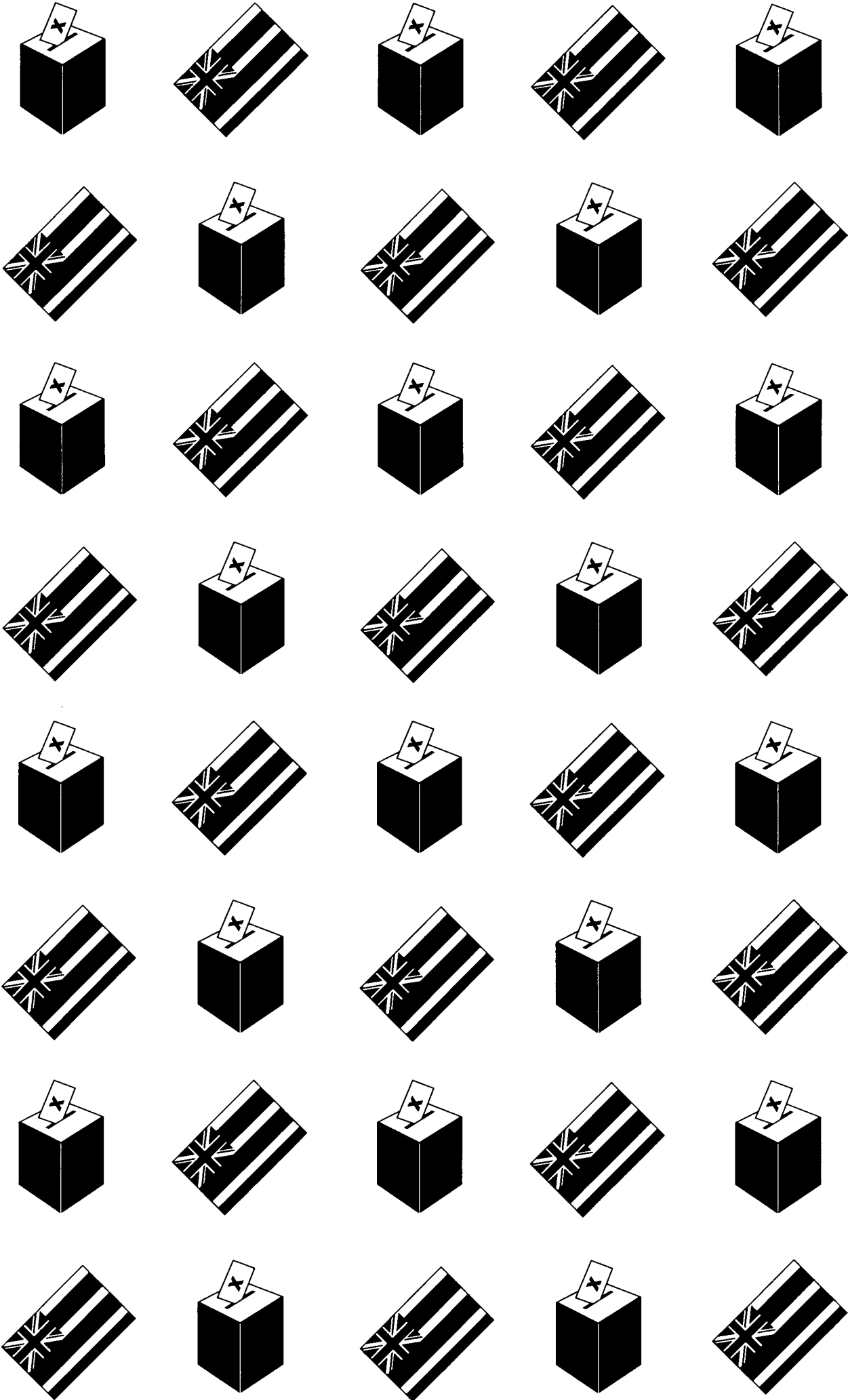
NOTE: data have remain constant since 1996.

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.



Government

Section 4

GOVERNMENT

This section presents data on election districts, registered voters and votes cast, county operating revenues, general excise and use tax base, real property valuations and rates, government debt, and the state and local tax burden.

Local government in the State of Hawaii is vested in one combined city and 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.

Official results for the primary, general and special elections are published by the Office of Elections. Reapportionment for Maui County was effected in May 2002.

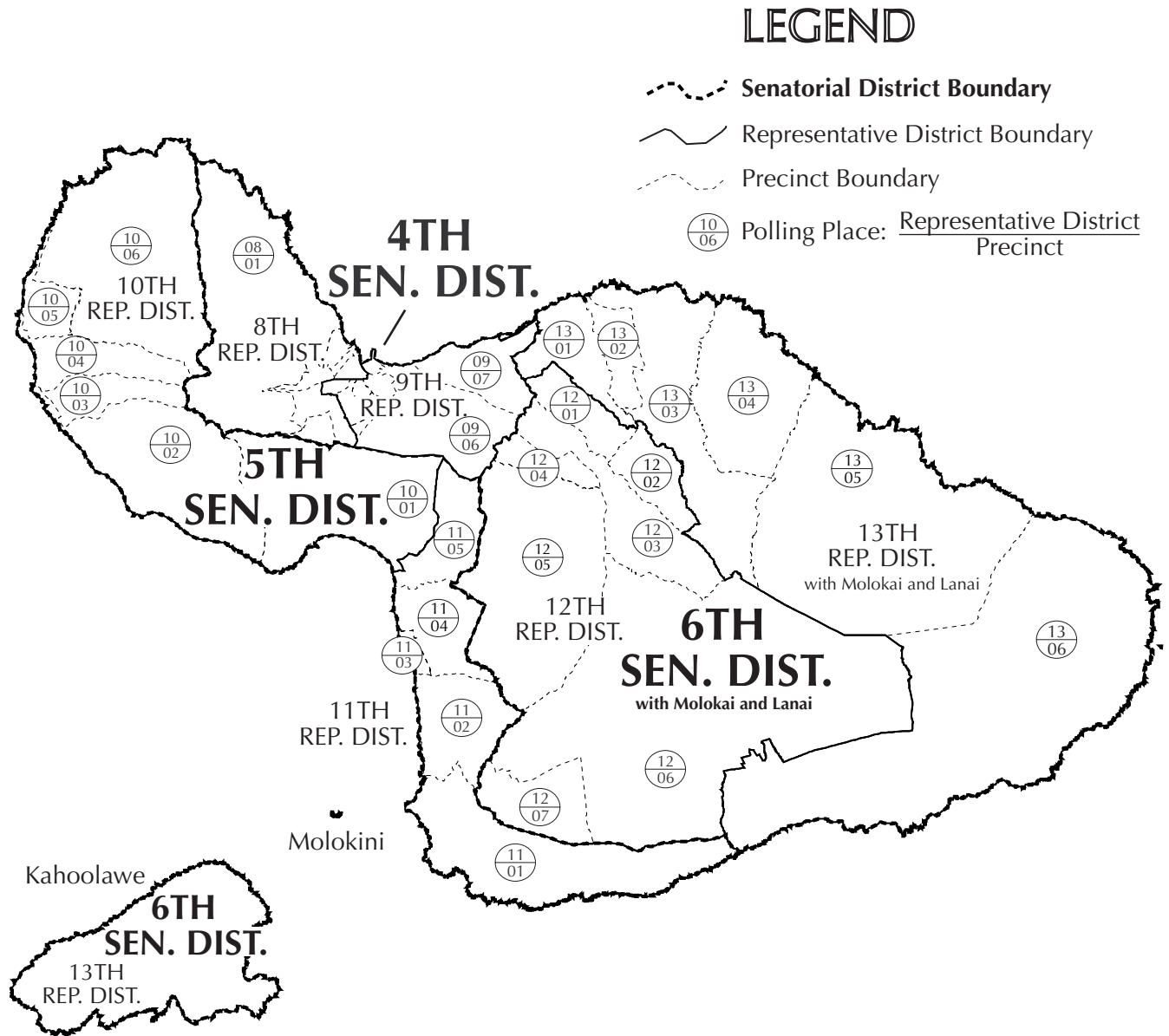
Important sources on statistics on government include: *Government in Hawaii*, Tax Foundation of Hawaii; *Revenue Trends* (monthly tax collection reports), Hawaii State Department of Taxation; *State of Hawaii Data Book*, Hawaii State Department of Business, Economic Development and Tourism; and *Historical Statistics of Hawaii*, Robert C. Schmitt.

For more detail on government finances and spending, see *Comprehensive Annual Financial Report*, County of Maui; and *Consolidated Federal Funds Report*, U.S. Dept. of Commerce, Bureau of the Census, which has detail on Federal Government spending down to the county level. It is available on the Internet at <http://www.census.gov/>. The State of Hawaii does not report on its spending by county.

4.1.1

MAPS OF ELECTION DISTRICTS

Islands of Maui and Kahoolawe




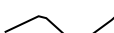
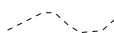

SOURCE: County of Maui, Geographic Information Systems, September 2002.

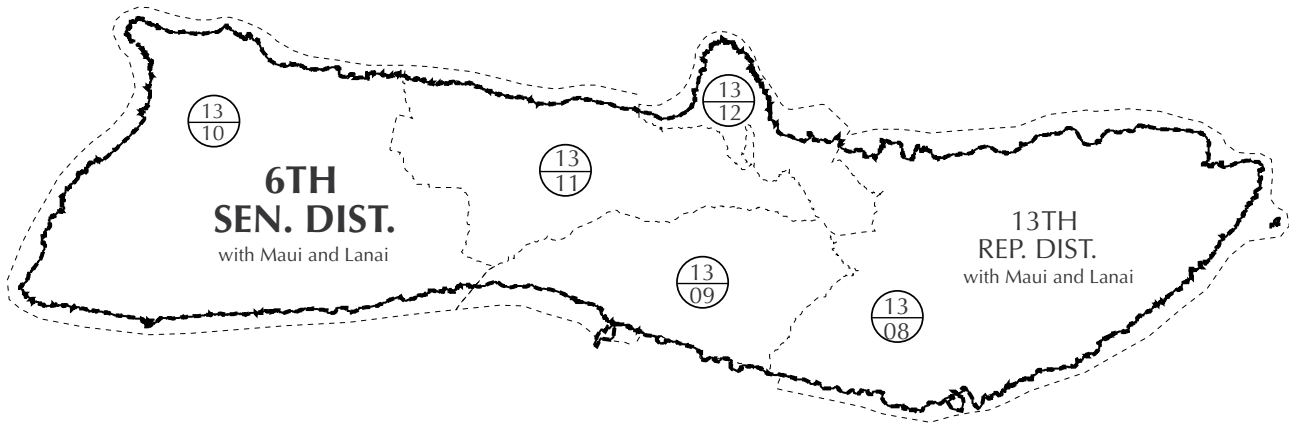
4.1.2

MAPS OF ELECTION DISTRICTS

Island of Molokai

LEGEND

-  **Senatorial District Boundary**
-  **Representative District Boundary**
-  **Precinct Boundary**
-  **Polling Place: Representative District
Precinct**




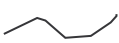


SOURCE: County of Maui, Geographic Information Systems, September 2002.

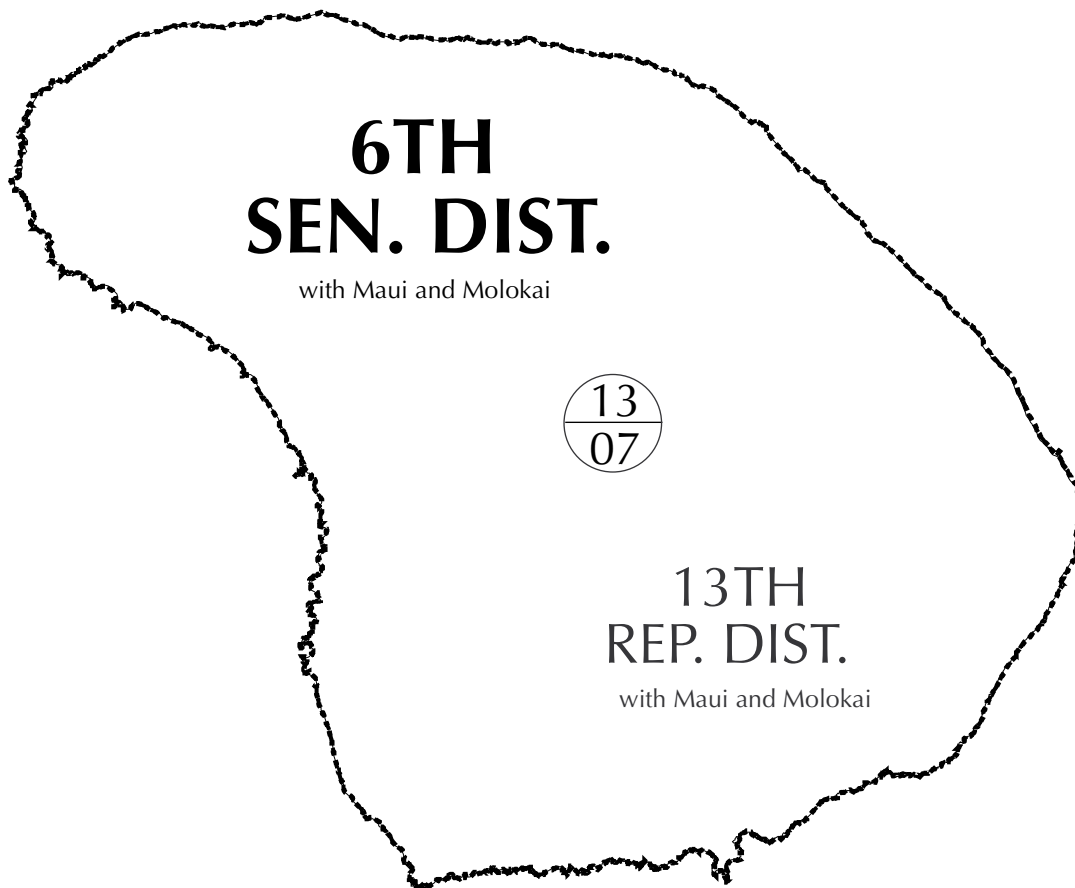
4.1.3

MAPS OF ELECTION DISTRICTS

Island of Lanai

LEGEND

-  **Senatorial District Boundary**
-  **Representative District Boundary**
-  **Precinct Boundary**
-  **Polling Place:** Representative District
Precinct



SOURCE: County of Maui, Geographic Information Systems, September 2002.

4.1.4

MAPS OF ELECTION DISTRICTS

List of Polling Places

8th Representative District

Kahakuloa, Waihee, Waiehu

1. Waihee Elementary School
2. Wailuku Community Center
3. Baldwin High School
4. Paukukalo Hawaiian Homes Community Center
5. Wailuku Elementary School
6. Waikapu Community Center
7. Maui Economic Opportunity Center

9th Representative District

Wailuku, Kahului, Spreckelsville

1. Iao School
2. Maui Waena Intermediate School
3. Lihikai Elementary School
4. Maui High School
5. Kahului Elementary School
6. Kahului Hongwanji Mission
7. Kaunoa Senior Center

10th Representative District

Lahaina, Maalaea, North Kihei

1. Kenolio Recreation Center
2. King Kamehameha III Elementary School
3. Lahaina Intermediate School
4. Princess Nahienaena Elementary School
5. Lahaina Civic Center
6. Honolulu Methodist Church

11th Representative District

Kihei, Wailea

1. Kealahewa Congregational Church
2. Kamalii Elementary School
3. Kihei Community Center
4. Kihei Elementary School
5. Trinity Episcopal Church by the Sea

12th Representative District

Haliimaile, Pukalani, Makawao, Kula, Ulupalakua

1. Kalama Intermediate School
2. Eddie Tam Memorial Center
3. Pukalani Elementary School
4. Hannibal Tavares Community Center
5. Kula Community Center
6. Kula Elementary School
7. Ulupalakua Ranch

13th Representative District

Paia, Haiku, Keanae, Hana, Molokai and Lanai

1. Paia Community Center
 2. Haiku Elementary School
 3. Haiku Community Center
 4. Kaulanapueo Church
 5. Keanae Elementary School
 6. Hana High and Elementary School
 7. Lanai High and Elementary School
 8. Kilohana Community Center
 9. Kaunakakai School
 10. Maunaloa Elementary School
 11. Kualapuu Community Center
 12. Kalaupapa Settlement
-

SOURCE: State of Hawaii, Office of Elections, 2002 *Polling Places*.

4.2.1
REGISTERED VOTERS AND VOTES CAST IN THE NOVEMBER 2, 2004
GENERAL ELECTION

District	Precinct Name	Registered Voters	Votes Cast	Turnout	District	Precinct Name	Registered Voters	Votes Cast	Turnout
8-1	Waihee Elementary School	1,311	587	44.80%	11-1	Kealawai Congregational Church	89	37	41.60%
8-2	Velma McWayne Santos Comm Ctr.	3,345	1,294	38.70%	11-2	Kamalii Elementary School	4,136	1,895	45.80%
8-3	Baldwin High School	1,611	606	37.60%	11-3	Kihei Community Center	3,474	1,475	42.50%
8-4	Paukukalo Hwn Homes Comm Ctr.	1,635	479	29.30%	11-4	Kihei Elementary School	3,124	1,447	46.30%
8-5	Wailuku Elementary School	2,074	804	38.80%	11-5	Trinity Episcopal Church by the Sea	2,930	1,225	41.80%
8-6	Waikapu Community Ctr.	759	356	46.90%		Absentee Voters	1,936	1,936	14.08%
8-7	Maui Economic Opportunity Ctr.	1,039	373	35.90%					
	Absentee Voters		2,735	23.23%	12-1	Kalama Intermediate School	2,833	1,255	44.30%
9-1	Iao School	1,133	432	38.10%	12-2	Eddie Tam Memorial Center	2,011	944	46.90%
9-2	Maui Waena Intermediate School	2,654	1,201	45.30%	12-3	Pukalani Elementary School	2,842	1,336	47.00%
9-3	Lihikai elementary School	2,297	957	41.70%	12-4	Hannibal Tavares Community Center	3,090	1,469	47.50%
9-4	Maui High School	2,320	797	34.40%	12-5	Kula Community Center	1,323	653	49.40%
9-5	Kahului Elementary School	2,205	959	43.50%	12-6	Kula Elementary School	2,445	1,273	52.10%
9-6	Kahului Hongwanji Mission	213	93	43.70%	12-7	Ulupalakua Ranch	164	94	57.30%
9-7	Kaunoa Senior Center	979	488	49.80%		Absentee Voters	3,066	3,066	20.85%
	Absentee Voters		2,460	20.85%	13-1	Paia Community Center	948	490	51.70%
10-1	Kenolio Recreation Center	1,394	495	35.50%	13-2	Haiku Elementary School	2,244	1,160	51.70%
10-2	King Kamehameha III Elem School	1,947	891	45.80%	13-3	Haiku Community Center	2,693	1,399	51.90%
10-3	Lahaina Intermediate School	2,010	898	44.70%	13-4	Kaulanapueo Church	490	283	57.80%
10-4	Princess Nahienaena Elem School	1,465	604	41.20%	13-5	Keanae Elementary School	220	86	39.10%
10-5	Lahaina Civic Center	3,024	1,312	43.40%	13-6	Hana High and Elementary School	1,129	561	49.70%
10-6	Honolua Methodist Church	2,200	1,159	52.70%	13-7	Lanai High and Elementary School	1,653	809	48.90%
	Absentee Voters		1,322	10.98%	13-8	Kilohana Community Center	587	238	40.50%
					13-9	Kaunakakai School	2,009	696	34.60%
					13-10	Maunaloa Elementary School	307	120	39.10%
					13-11	Kualapuu Community Center	1,069	417	39.00%
					13-12	Kalaupapa Settlement ¹	63	2,091	15.59%
						Absentee Voters			

¹ All votes cast by absentee.

SOURCE: Hawaii State Office of Elections, Records.

4.2.2

MAUI COUNTY GENERAL ELECTION RESULTS, NOVEMBER 2, 2004

President and Vice President	Votes	Percent	State Representative, Dist 12	Votes	Percent
(D) KERRY, John F.	28,803	60.30%	D)YAMASHITA, Kyle T.	5,157	51.10%
(R) BUSH, George W.	18,187	38.10%	R) BUKOSKI, Kika G.	4,518	44.80%
(G) COBB, David	244	0.50%	Blank Votes:	413	0.00%
(L) BADNARIK, Michael	196	0.40%	Over Votes:	2	4.10%
Blank Votes:	304	0.00%	State Representative, Dist 13	Votes	Percent
Over Votes:	23	0.60%	(D) KAHO'OHALAHALA, Sol P.	5,559	66.60%
U.S. Senator			(R) AKUNA, Meiling	2,143	25.70%
(D) INOUE, Daniel K.	34,145	71.50%	Blank Votes:	645	0.00%
(R) CAVASSO, Cam	9,620	20.10%	Over Votes:	3	7.70%
(N) BREWER, Jim	1,096	2.30%	Councilmember, East Maui		
(L) MALLAN, Jeff	754	1.60%	CARROLL, Robert (Bob)	21,031	44.10%
Blank Votes:	2,123	0.00%	CARROLL, Mele	19,170	40.20%
Over Votes:	19	4.40%	Blank Votes:	7,505	0.00%
U.S. Representative, Dist 2			Over Votes:	11	15.70%
(D) CASE, Ed	29,814	62.40%	Councilmember, West Maui		
(R) GABBARD, Mike	16,099	33.70%	JOHNSON, Jo Anne	24,091	50.50%
Blank Votes:	1,828	0.00%	NAKAMURA, Dennis Y.	17,361	36.40%
Over Votes:	16	3.80%	Blank Votes:	6,260	0.00%
State Senator, Dist 5			Over Votes:	5	13.10%
(D) BAKER, Roz	8,272	56.30%	Councilmember, Wailuku Waihee Waikapu		
(R) COUCH, Don	5,863	39.90%	KANE, Dain P.	28,861	60.50%
Blank Votes:	551	0.10%	BUENGER, Socrates	11,015	23.10%
Over Votes:	10	3.70%	Blank Votes:	7,832	0.00%
State Senator, Dist 6			Over Votes:	9	16.40%
D) ENGLISH, J. Kalani	12,362	67.00%	Councilmember, Kahului		
R) FINBERG, Robb	4,948	26.80%	PONTANILLA, Joe	22,077	46.30%
G) STENSHOL, Shaun	469	2.50%	COLLINS, Lance D.	17,390	36.40%
Blank Votes:	656	0.00%	Blank Votes:	8,239	0.00%
Over Votes:	5	3.60%	Over Votes:	11	17.30%
State Representative, Dist 8			Councilmember, South Maui		
D) SOUKI, Joe	4,005	55.40%	ANDERSON, Michelle	22,121	46.40%
R) MIN, Robert (Bobby)	2,922	40.40%	VAUGHT, Ron	18,309	38.40%
Blank Votes:	306	0.00%	Blank Votes:	7,277	0.00%
Over Votes:	1	4.20%	Over Votes:	10	15.30%
State Representative, Dist 9			Councilmember, Makawao Haiku Paia		
D) NAKASONE, Bob	4,448	60.20%	MOLINA, Mike	25,751	54.00%
R) SHISHIDO, Jan	2,663	36.00%	HOLTER, Lance W.	14,961	31.40%
Blank Votes:	274	0.00%	Blank Votes:	6,992	0.00%
Over Votes:	2	3.70%	Over Votes:	13	14.70%
State Representative, Dist 10			Councilmember, Upcountry		
D) TANAKA, Kam	3,146	47.10%	TAVARES, Charmaine	34,774	72.90%
R) BLUNDELL, Brian K.	3,088	46.20%	Blank Votes:	12,943	0.00%
Blank Votes:	442	0.10%	Over Votes:	0	27.10%
Over Votes:	5	6.60%	Councilmember, Lanai		
State Representative, Dist 11			HOKAMA, Riki	30,026	62.90%
R) HALFORD, Chris	4,664	58.20%	Blank Votes:	17,691	0.00%
D) GALLUP, Cort	2,782	34.70%	Over Votes:	0	37.10%
Blank Votes:	567	0.00%	Councilmember, Molokai		
Over Votes:	2	7.10%	MATEO, Danny A.	30,299	63.50%
			Blank Votes:	17,418	0.00%
			Over Votes:	0	36.50%

SOURCE: Hawaii State Office of Elections, records.

4.2.3

**MAUI COUNTY GENERAL ELECTION RESULTS,
DEPARTMENT OF EDUCATION,
OFFICE OF HAWAIIAN AFFAIRS TRUSTEES
AND STATE CONSTITUTIONAL AMENDMENTS,
NOVEMBER 2, 2004**

Department of Education

1st Departmental School District Seat (Hawaii)

WATANABE, Herbert S.	20,99%	4.00%
DAVIES-QUINTANA, Nadia	14,131	29.60%
Blank Votes:	12,625	0.00%
Over Votes:	9	26.40%

7th Departmental School District Seat (Kauai)

COX, Maggie	18,746	39.30%
NAKASHIMA, Mitsugi	13,768	28.80%
Blank Votes:	15,233	0.00%
Over Votes:	10	31.90%

Office of Hawaiian Affairs

At Large Trustee

APOLIONA, Haunani	19,600	41.00%
HILL, Kauai (Bu La'ia)	5,246	11.00%
KAWELO, Frankie Kay	3,573	7.50%
SABEY, John L. (Kione)	3,343	7.00%
Blank Votes:	15,962	0.10%
Over Votes:	33	33.40%

Hawaii Resident Trustee

DELA CRUZ, Linda K.	8,214	17.20%
HAO, Louis	7,830	16.40%
KAMAKAWIWOOLE ¹	5,627	11.80%
BURKE, Jackie ²	3,513	7.40%
NELSON, Dickie	2,280	4.80%
CHUN, Kaliko	1,813	3.80%
KINIMAKA ³	1,575	3.30%
Blank Votes:	16,879	0.10%
Over Votes:	26	35.30%

State of Hawaii Constitutional Amendments

Sexual Assault

YES	28,957	60.60%
NO	13,351	28.00%
Blank Votes:	5,421	0.10%
Over Votes:	28	11.40%

Rights of Accused Law

YES	22,852	47.90%
NO	18,637	39.00%
Blank Votes:	6,244	0.10%
Over Votes:	24	13.10%

Public Right to Information

YES	32,307	67.60%
NO	10,352	21.70%
Blank Votes:	5,078	0.00%
Over Votes:	20	10.60%

Felony Prosecutions

YES	23,102	48.40%
NO	17,533	36.70%
Blank Votes:	7,108	0.00%
Over Votes:	14	14.90%

NOTE: Descriptions of Constitutional Amendments not given in official wording.

Names abbreviated to accomodate formatting. Names appeared on ballot as follows:

¹ KAMAKAWIWOOLE, Reynolds, N.

² BURKE, Jackie (Kahookele)

³ KINIMAKA-STOCKSDALE, Kahea

SOURCE: Hawaii State Office of Elections, records.

4.2.4

**MAUI COUNTY GENERAL ELECTION RESULTS,
MAUI COUNTY CHARTER AMENDMENTS,
NOVEMBER 5, 2002**

Maui County Charter Amendments					
Maui: Article 1			More Autonomy Dept. of Water		
YES	29,852	72.20%	YES	17,543	42.40%
NO	6,414	15.50%	NO	17,785	43.00%
BLANK VOTES	5,064	12.20%	BLANK VOTES	5,975	14.50%
OVER VOTES	18	0.00%	OVER VOTES	45	0.10%
Four Year Council Terms			Dept. Water Under Mayor Adm.		
YES	14,011	33.90%	YES	21,568	52.20%
NO	24,059	58.20%	NO	13,318	32.20%
BLANK VOTES	3,257	7.90%	BLANK VOTES	6,440	15.60%
OVER VOTES	21	0.10%	OVER VOTES	22	0.10%
Responsibilities of Corp. Council			Create County Dept. of Transportation		
YES	27,703	67.00%	YES	21,077	51.00%
NO	8,353	20.20%	NO	14,526	35.10%
BLANK VOTES	5,276	12.80%	BLANK VOTES	5,731	13.90%
OVER VOTES	16	0.00%	OVER VOTES	14	0.00%
Rename Dept. of Public Work/Waste			Staggered Terms Salary Comm.		
YES	27,506	66.50%	YES	23,922	57.90%
NO	9,690	23.40%	NO	9,768	23.60%
BLANK VOTES	4,138	10.00%	BLANK VOTES	7,649	18.50%
OVER VOTES	14	0.00%	OVER VOTES	9	0.00%
Rename Dept. of Fire Control			1% Reaql Prop. Tax for Open Space		
YES	22,237	53.80%	YES	25,818	62.40%
NO	14,066	34.00%	NO	9,596	23.20%
BLANK VOTES	5,032	12.20%	BLANK VOTES	5,923	14.30%
OVER VOTES	13	0.00%	OVER VOTES	11	0.00%
Responsibilities of Dept. of Planning			Mtgs Boards/Commissions		
YES	23,003	55.60%	YES	21,122	51.10%
NO	11,977	29.00%	NO	14,462	35.00%
BLANK VOTES	6,359	15.40%	BLANK VOTES	5,749	13.90%
OVER VOTES	9	0.00%	OVER VOTES	15	0.00%
Role of Citizen Advisory Comm.			Housekeeping Changes		
YES	22,410	54.20%	YES	25,364	61.30%
NO	12,887	31.20%	NO	8,979	21.70%
BLANK VOTES	6,010	14.50%	BLANK VOTES	6,993	16.90%
OVER VOTES	41	0.10%	OVER VOTES	12	0.00%
Role of Citizen Advisory Comm. Alt.			Public Record Request		
YES	21,376	51.70%	YES	23,368	56.50%
NO	13,393	32.40%	NO	10,337	25.00%
BLANK VOTES	6,553	15.80%	BLANK VOTES	7,632	18.50%
OVER VOTES	26	0.10%	OVER VOTES	11	0.00%
Powers of Civil Serv. Commission			Nomination Boards/Commission		
YES	27,629	66.80%	YES	27,710	67.00%
NO	8,268	20.00%	NO	7,687	18.60%
BLANK VOTES	5,436	13.10%	BLANK VOTES	5,939	14.40%
OVER VOTES	15	0.00%	OVER VOTES	12	0.00%
Initiative					
YES	22,681	54.90%	BLANK VOTES	6,807	16.50%
NO	11,847	28.70%	OVER VOTES	13	0.00%

NOTE: Descriptions of Charter Amendments are not given in official wording.

SOURCE: Hawaii State Office of Elections, records.

4.3.1

COUNTY STATEMENT OF REVENUES AND EXPENDITURES, ALL GOVERNMENTAL FUND TYPES AND EXPENDABLE TRUST FUNDS¹, MAUI COUNTY

In thousands of dollars; for year ended June 30

	2000	2001	2002	2003	2004
Revenues:					
Real Property Taxes	84,651	88,078	95,585 ^r	105,106	116,759
Other Taxes	11,736	12,132	18,502 ^r	18,386	23,521
Intergovernmental Revenues	35,796	43,440	42,941	44,968	47,776
Charges for Services	29,210	30,733	28,733	28,335	34,810
Licenses and Permits	8,704	9,601	8,603	10,891	15,000
Revenues from Use of Money and Property	2,938	3,324	2,849	2,064	1,540
Fines and Forfeitures	800	822	970	1,188	1,096
Assessments ²		2,272	2,038	1,795	
Other Sources	6,240	6,495	2,109	2,624	2,747
Subtotal	180,075	194,625	202,564	215,600	244,625
Other Sources:³					
Bond/Loan Proceeds	15,479	12,707	26,439	19,673	2,270
TOTAL Revenues + Other Sources	195,554	207,332	229,003	235,273	246,895
Expenditures:					
Management and Other	37,510	39,045	47,694	50,737	52,937
Public Safety	39,335	40,241	42,085	46,153	48,873
Sanitation	19,070	19,589	20,981	22,706	22,834
Highway and Streets	9,136	9,270	10,821	10,958	14,896
Social Welfare	19,948	21,323	27,383	31,811	30,643
Culture and Recreation	15,065	14,725	17,220	18,629	18,725
Legislative	2,964	3,323	3,328	3,953	3,681
Capital Outlay	24,624	24,503	30,655	38,745	35,058
Debt Service: Principal	11,507	12,034	12,969	13,594	15,014
Interest	10,303	10,594	9,817	10,997	10,047
TOTAL Expenditures	189,462	194,647	222,954	248,282	252,708

¹ Expendable Trust Funds not included after 2001.

² Revenue category as of 2002.

³ G. O. Bonds and State Revolving Fund Proceeds.

^r Revised from previous *Data Book*.

SOURCE: County of Maui, Department of Finance, *Comprehensive Annual Financial Report*, (Fiscal years ending June 30) 2000-2004.

4.3.2

STATE TAX COLLECTIONS, MAUI COUNTY FISCAL YEARS ENDING JUNE 30

Source of Revenue	2000	2001	2002	2003	2004
Banks/Financial Corporations	15,059	15,579	30,144	62,487	37,767
Employment Security Contributions	24	1,652	1,333	2,711	3,227
Fuel	5,424,191	5,976,114	6,684,901	6,644,247	8,105,438
General Excise License/Fees	88,206	92,072	81,254	95,980	101,557
General Excise and Use Tax ¹	129,339,853	136,218,134	133,864,675	143,345,491	162,539,134
Income, Corporate					
Declaration of Estimated Taxes	6,524,065	6,473,192	5,719,001	3,935,144	10,106,319
Payment with Returns	422,033	391,932	337,254	(1,558,163)	(7,708,750)
Refunds	(1,364,843)	(1,665,303)	(2,671,821)	(1,817,825)	(1,426,186)
Income, Individual					
Declaration of Estimated Taxes	26,959,486	25,625,262	25,098,625	28,425,643	46,212,429
Payment with Returns	8,466,766	9,864,533	8,318,967	(1,739,533)	(12,063,961)
Withholding Tax on Wages	51,809,665	53,518,907	52,231,756	53,995,192	58,748,008
Refunds	(25,370,663)	(28,143,999)	(32,311,148)	(29,731,274)	(32,671,127)
Liquor and Permits	6,211,674	5,929,013	6,057,897	6,029,511	6,059,841
Motor Vehicle Tax/Fees ²	6,133,256	6,417,979	5,889,412	7,543,734	7,623,434
Public Service Company	11,090,896	10,891,789	9,077,684	8,907,179	7,905,738
Tobacco and Licenses	43,842	1,264,034	2,123,163	2,074,130	5,301,109
Transient Accomodation Fees and Time Share Occupancy Fees ³	3,835	3,418	3,380	3,000	3,560
Transient Accomodation Tax and Time Share Occupancy Tax ³	27,471,444	27,193,207	22,608,181	27,536,083	32,803,470
All Others	0	155	140	55	143
TOTAL	253,268,788	260,067,670	243,144,798	253,753,793	291,681,149

NOTE: Due to rounding, details may not add to total.

¹ Gross collection—does not reflect allocation to Special Funds.

² Includes State Motor Vehicle Weight Tax, Registration Fees, Commercial Driver's License, Periodic Motor Vehicle Inspection Fees, Rental Vehicle Registration Fees and Rental Vehicle Surcharge Tax.

³ Time Share Occupancy Fees and Taxes were first collected in 1999.

SOURCE: Hawaii State Department of Taxation, *State Tax Collections and Distribution (fiscal year summary tables)*, 2000-2004.

4.3.3

ESTIMATED REAL PROPERTY TAX REVENUE, MAUI COUNTY

In thousands of dollars

Assessor's gross valuation as of 4/19/2005	31,848,774,400
Land	17,092,109,800
Improvement	14,756,664,600
Exemptions ¹	4,945,591,300
Assessor's net taxable valuation	26,903,183,100
Half of valuation on appeal	99,707,789
Number of appeals	543
Valuation for tax rate purposes	26,803,475,312
Land	15,138,812,976
Improvement	11,664,662,336
Amount to be Raised by Taxation ²	163,264,110

¹ Data exclude nontaxable properties.

² For fiscal year beginning July 1.

4.3.4

REAL PROPERTY TAX RATES, MAUI COUNTY

Dollars per \$1,000 net taxable value

Land Use Class	Rate Fiscal Year 2005-2006
LAND	
Homeowner	3.50
Improved Residential	5.86
Unimproved Residential	5.86
Apartment	5.86
Hotel/resort	8.30
Time Share ¹	14.00
Commercial	6.75
Industrial	6.75
Agricultural	4.93
Conservation	4.93
IMPROVEMENT	
Homeowner	3.50
Improved Residential	5.86
Unimproved Residential	5.86
Apartment	5.86
Hotel and Resort	8.30
Time Share ¹	14.00
Commercial	6.75
Industrial	6.75
Agricultural	4.93
Conservation	4.93

¹ New Category as of FY 2005-2006.

4.3.5

PUBLIC BONDED DEBT OF STATE AND MAUI COUNTY GOVERNMENTS

In millions of dollars; as of December 31, unless noted

Year	Total Bonded Debt ¹ (State and all counties)	State Debt	Maui County
1980	2,054.3	1,764.9	22.4
1981	2,217.9	1,883.6	21.1
1982	2,359.5	2,039.3	19.8
1983	2,545.4	2,235.8	19.0
1984	2,715.7	2,391.5	33.5
1985	3,131.5	2,621.2	30.8
1986	3,311.8	2,720.4	47.2
1987	3,298.4	2,700.7	48.8
1988	3,382.3	2,728.8	43.1
1989	3,710.4	2,969.9	73.6
1990	4,484.5	3,394.4	110.5
1991	5,298.1	4,214.0	108.5
1992	6,129.5	4,842.4	134.8
1993	6,924.7	5,219.6	170.4
1994	6,913.5	5,015.4	185.1
1995	7,078.0	5,126.1	188.4
1996	7,098.6	5,051.3	194.3
1997	7,239.3	5,258.1	188.2
1998 ²	7,829.9	5,795.5	223.8
1999 ²	7,708.8	5,522.8	235.1
2000 ²	7,956.3	5,678.3	236.8
2001 ^{2,3}	7,855.2	5,471.6	234.9
2002 ²	8,856.6	6,072.0	246.3
2003 ²	8,861.0	5,793.8	243.0

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 Revised as of June 30.

³ As of June 30.

SOURCES: 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 Director's Annual Reports of the City & County of Honolulu, and the counties of Hawaii, Kauai and Maui (various reports); Tax Foundation of Hawaii, *Government in Hawaii*, table 52; Robert C. Schmitt, *Historical Statistics of Hawaii* (University of Hawaii Press, 1977) table 25.14.

4.4.1

COUNTY PERSONNEL BY DEPARTMENT, MAUI COUNTY

Fiscal Year Department	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05
Civil Defense	3.0	3.0	3.0	4.0	4.0	7.0	7.0
Corporation Counsel	23.3	22.0	22.0	22.0	22.0	22.0	22.3
Finance	106.8	94.8	110.8	108.8	110.8	111.8	122.8
Fire & Public Safety	236.0	236.0	242.0	243.0	284.0	284.0	284.0
Housing and Human Concerns	54.0	53.0	94.8	96.6	115.6	115.6	126.1
Liquor Control	16.0	19.0	20.0	23.5	21.0	23.0	23.0
Management	5.0	12.0	19.0	20.0	24.0	23.0	31.0
Parks and Recreation - General	328.9	348.2	353.3	379.9	384.8	383.8	411.6
Parks and Recreation - Golf	20.8	20.8	20.8	20.8	20.8	20.8	***
Personnel Services	12.0	12.0	12.0	12.0	12.0	12.0	14.0
Planning	28.0	27.0	32.0	35.0	38.0	46.0	54.0
Police	434.6	438.4	452.1	466.7	480.9	481.9	485.9
Prosecuting Attorney	55.8	55.3	68.3	69.8	69.4	69.4	69.4
Public Works - General	80.8	80.3	88.3	88.6	93.6	88.6	92.6
Highways	151.0	150.0	150.0	151.0	155.0	157.0	155.0
Wastewater	107.0	104.0	104.0	104.0	105.0	106.3	107.3
Solid Waste	68.2	68.2	68.2	71.0	72.0	69.0	70.0
Department of Transportation*					0.0	3.0	3.0
Department of Water Supply**					198.4	192.6	202.2
Total	1,731.2	1,744.0	1,860.6	1,916.7	2,211.6	2,216.8	2,281.2

NOTE: Does not include Council Services, County Clerk and Office of the Mayor. These departments do not report equivalent personnel.

* The Department of Transportation was created as a result of the 2002 Charter amendment.

** Prior to the 2002 Charter amendment, the Department of Water Supply was a semi-autonomous component unit.

*** Included with Parks and Recreation General for 2005.

Equivalent Personnel (E/P) = Full time equivalents of full- and part-time personnel.

SOURCE: Office of the Mayor, Budget Office, *County Budgets 2001-2005*.

4.4.2

TOP 20 COUNTY POSITIONS RECRUITED IN FY 2003-04, MAUI COUNTY

Rank	Position	Number of Applicants	Number Qualified
1	Fire Fighter Trainee	608	52
2	Police Officer I	386	85
3	Clerk Typist III	105	18
4	Clerk Typist II	100	13
5	Police Sergeant/Detective	76	38
6	Police Radio Dispatcher	64	11
7	Asst. Wastewater Treatment Plant Oper.	56	6
8	DMVL Service Representative II	51	8
9	Land Use Permit Clerk	51	7
10	Clerk III	48	11
11	Special Events Specialist	48	7
12	Victim/Witness Counselor I	42	8
13	Landfill Attendant	39	21
14	Tax Clerk (Molokai)	37	14
15	Recreation Aide	35	7
16	Clerk II	35	4
17	Administrative Officer	35	3
18	Liquor Control Officer I	34	1
19	Police Lieutenant	33	16
20	Senior Services Aid I	32	12

SOURCE: County of Maui, Department of Personnel Services, *Annual Report 2003-2004*.

4.5.1

**MEDIAN ADJUSTED GROSS INCOME ON
RESIDENT RETURNS BY STATUS,
TAXATION DISTRICT AND YEAR**

Taxation District	All Residents			Joint			All Others**		
	2002	2001	2000	2002	2001	2000	2002	2001	2000
All Resident Returns*									
Oahu	\$23,145	\$23,100	\$22,633	\$47,845	\$47,234	\$48,216	\$15,761	\$15,762	\$14,992
Maui	24,045	23,945	23,515	48,473	46,787	47,651	17,400	17,704	16,780
Hawaii	19,573	19,395	18,268	38,924	39,040	39,034	13,726	13,585	11,817
Kauai	22,136	21,381	20,778	43,886	44,017	43,982	15,901	14,693	14,024
STATE	\$22,757	\$22,626	\$22,157	\$46,853	\$46,012	\$46,636	\$15,707	\$15,649	\$14,764
Taxable Resident Returns									
Oahu	\$29,775	\$28,946	\$28,968	\$57,260	\$56,016	\$56,354	\$20,696	\$20,137	\$19,732
Maui	28,285	27,889	27,607	55,113	52,418	52,629	20,326	20,476	20,341
Hawaii	25,890	24,630	24,250	48,102	47,471	47,563	18,533	17,971	16,970
Kauai	26,743	25,842	26,460	50,813	49,828	48,781	19,316	18,752	17,628
STATE	\$28,881	\$28,159	\$27,948	\$55,554	\$53,899	\$54,353	\$20,219	\$19,809	\$19,352

*Includes returns with AGI losses.

**Includes single, married filing separately, heads of households, and qualifying surviving spouses.

SOURCE: State of Hawaii, Department of Taxation, Tax Research and Planning Office, *Hawaii Income Tax Patterns 2002*, Figure 6.

4.5.2

SOURCES OF INCOME REPORTED BY NUMBER OF RETURNS AND AMOUNT, MAUI COUNTY 2002

SOURCES OF INCOME	NUMBER OF RETURNS	AMOUNT
Salaries and Wages	47,799	\$1,637,147,021
Taxable Dividends	11,983	26,507,423
Interest	32,269	38,218,720
Business and Professions		
Net Profit	6,298	105,472,029
Net Loss	3,651	(20,677,584)
Sale of Capital Assets		
Net Gain	3,720	77,186,051
Net Loss	4,827	(14,051,379)
Rents and Royalties		
Net Profit	3,210	30,419,879
Net Loss	2,923	(25,345,514)
Partnerships and S-Corporations		
Net Profit	1,762	88,494,512
Net Loss	1,269	(19,282,355)
Estates and Trusts	387	2,878,571
Unemployment Compensation	4,412	14,248,374
Pensions and Annuities	8,757	123,030,179
Taxable IRA Distributions	2,816	26,652,669
State Tax Refund Income	16,017	20,324,846
Federally-Taxed Social Security	3,848	33,281,354
All Other Sources ¹	11,480	(6,722,574)
Federal Total Income	56,663	\$2,137,782,222
Hawaii Additions ²	10,404	29,726,194
Hawaii Subtractions ³	17,269	164,010,279
Hawaii Total Income	56,663	\$2,003,498,137
Less Adjustments to Income	10,329	28,256,569
Adjusted Gross Income ⁴	56,663	\$1,975,241,568

¹ Includes alimony received, other income, and unknown sources (detail unavailable on both state and federal returns).

² Items taxed by Hawaii but not by the federal government, such as federal cost of living allowances and certain state retirement contributions.

³ Items taxed by the federal government but not by Hawaii, such as social security contributions and certain pensions.

⁴ Includes losses.

SOURCE: State of Hawaii, Department of Taxation, Tax Research and Planning Office, *Hawaii Income Tax Patterns 2002*, Table 5.

4.5.3

DEDUCTIONS CLAIMED BY NUMBER OF RETURNS AND DOLLAR AMOUNT REPORTED AND ALLOWED IN 2002, MAUI COUNTY

TYPE OF DEDUCTION	NUMBER OF RETURNS	AMOUNT
Itemized Contributions	28,387	\$53,351,347
Interest	16,574	188,274,310
Medical and Dental	7,938	25,741,595
Casualty Loss	112	548,350
Taxes	32,837	118,997,345
Other Itemized Deductions	17,173	65,865,370
Total Itemized Deductions	33,274	\$452,778,317
Less: Unallowed Itemized Deductions	2,559	\$6,962,644
Net Allowed Itemized Deductions	33,274	\$445,815,673
Standard Deduction	23,389	36,198,181
Total Allowed Deductions	56,663	\$482,013,854

SOURCE: State of Hawaii, Department of Taxation, Tax Research and Planning Office, *Hawaii Income Tax Patterns 2002*, Table 7.

4.5.4

TAX RETURNS FILED IN MAUI COUNTY

TYPE OF RETURN	1994	1995	1996	1997	1998	1999	2000	2001	2002
Form N-11	-	36,334	39,840	42,688	44,788	46,630	48,799	50,829	51,591
Form N-12	42,863	5,104	4,178	2,278	1,987	1,769	1,458	1,267	994
Form N-13	10,408	8,717	8,092	7,070	6,418	5,546	4,916	4,437	4,078
Form N-15	1,478	1,258	1,221	2,561	2,642	2,905	3,410	3,450	3,374
TOTAL	54,749	51,413	53,331	54,597	55,835	56,850	58,583	59,983	60,037

SOURCE: State of Hawaii, Department of Taxation, Tax Research and Planning Office, *Hawaii Income Tax Patterns 2002*, Table 15.

4.5.5

TAX CREDITS CLAIMED BY GEOGRAPHICAL AREAS, MAUI COUNTY 2002

Tax Credit	Wailuku Kahului	Kihei	Lahaina	Rural Maui	Molokai	Lanai	State of Hawaii
Number of Returns	22,100	8,797	8,789	16,174	2,982	1,280	578,291
Low Income Credit	7,567	2,537	2,741	5,417	1,479	107	188,372
Renter's Credit	2,257	1,593	1,338	1,705	105	53	69,452
Dependent Care Credit	1,083	417	318	775	33	53	25,871
Child Car Seat Credit	291	60	46	155	11	5	4,211
General Income Tax Credit	18,819	6,417	7,477	13,457	2,493	1,038	444,768
Capital Goods Excise Credit	155	108	69	235	14	1	3,896
Energy Device Credit	206	134	76	169	19	11	3,236
Residential Remodeling Credit	863	578	385	970	31	49	17,411
Payments to Other States	112	185	115	243	21	3	5,393
All Other Credits	17	11	11	29	5	3	1,019

SOURCE: State of Hawaii, Department of Taxation, Tax Research and Planning Office, *Tax Credits Claimed by Hawaii Taxpayers 2002*.

4.5.6

TAX CREDITS CLAIMED BY INDIVIDUALS AND TYPE OF CREDIT, MAUI COUNTY 2002

Type of Credit	Number	Amount
Low Income Credit	19,523	\$850,600
Renter's Credit	6,949	671,950
Dependent Care Credit	2,614	808,216
Child Car Seat Credit	578	14,450
General Income Tax Credit	48,536	98,202
Capital Goods Excise Credit	784	844,280
Fuel Credit for Fishing	20	3,819
Motion Picture Credit		782
Hotel Remodeling Credit	13	17,394
Energy Device Credit	595	505,448
Vocational Rehabilitation Job Credit	*	-
Enterprise Zone Credit	*	4,739
High Technology Credit	*	1,541,859
Taxes Paid to Other Jurisdictions	552	1,892,703
Technology Infrastructure Credit	*	-
Low-Income Housing Credit	*	188
Residential Remodeling Credit	2,789	2,475,535
Minor School Repair & Maintenance	*	-
Drought Mitigation Credit	*	-
Research Activities Credit	8	27,427
Other Refundable Credits	*	18,145
TOTAL FOR INDIVIDUALS	82,961	\$9,775,737

* Data suppressed to protect taxpayer confidentiality
na: Not available.

SOURCE: State of Hawaii, Department of Taxation, Tax Research and Planning Office, *Tax Credits Claimed by Hawaii Taxpayers 2002*.

4.5.7

COUNTY PROPERTY TAX EXEMPTIONS BY TYPE, MAUI COUNTY FY 2005-06

Amounts in Thousands

Type of Exemption	Number	Amount
Federal Government	78	\$ 35,306
State Government	1,290	1,667,181
County Government	455	327,556
Government Leases - Total	86	58,646
Government Leases - Portion	51	16,403
Hawaiian Homes Commission	256	19,438
Hawn Homes Land - Basic	460	31,349
Hawn Homes Land - Multiple	0	0
Hawn Homes Land - Total	283	33
Hawn Homes Land - Vacant	164	23
Hawaiian Homes - 7 Year	105	13,313
Homes - Fee - (Basic)	21,430	4,103,881
Homes - Fee - (Multiple)	0	0
Homes - Leasehold - (Basic)	747	137,975
Homes - Leasehold - (Multiple)	0	0
Blind	25	570
Deaf	13	200
Leprosy	1	0
Totally Disabled	460	9,227
Totally Disabled Veterans	94	37,207
Cemeteries	8	1,158
Charitable Organizations	177	178,514
Childcare	23	1,150
Churches	237	223,345
Credit Unions	12	10,317
Enterprize Zone	0	0
Forest Reserve	4	77
Historic Residential Properties	1	594
Hospitals	12	37,200
Landscaping, Open-Space	1	10
Low-Moderate Income Housing	32	108,395
Public Utilities	70	77,019
Roadways and Waterways	1,295	3,814
Schools	11	39,320
Taro	26	30
Miscellaneous	4	343
TOTAL	27,911	\$7,139,594

NOTE: Amount includes government parcels at actual value and exemptions on federal leases, if any.

SOURCE: City and County of Honolulu, Real Property Assessment Division, *Number and Amount of Exemptions by Type and County*.

4.5.8
LIQUID FUEL TAX BASE AND TAX COLLECTIONS
FY ENDING JUNE 30, 2005, MAUI COUNTY

Source of Revenue	Gallons	State Tax	City Fuel Tax	Total Tax
Gasoline	61,843,768.78 *	\$9,864,643.99	\$11,097,724.46	\$20,962,368.45
DO (non-hwy)	21,855,203.00	218,552.03	0.00	218,552.03
DO (hwy use)	5,581,457.20	893,033.15	1,004,662.30	1,897,695.45
LPG (off hwy)	334,616.99	3,346.17	0.00	3,346.17
LPG (hwy use)	18,972.24	989.02	815.81	1,804.83
SB (gas)	0.00	0.00	0.00	0.00
SB (diesel oil)	0.00	0.00	0.00	0.00
Aviation fuel	58,118,856.00	581,188.56	0.00	581,188.56
Other fuel	636,009.04	26,261.34	116.1	26,377.44
SUB-TOTAL	148,388,883.25	11,588,014.26	12,103,318.67	23,691,332.93
Environmental Tax**	4,380,695.20	219,034.76	0.00	219,034.76
TOTAL		\$11,807,049.02	\$ 12,103,318.67 ***	\$23,910,367.69

*See reverse for detail on all Agric. Use Refunds.

**Effective 7-1-93 (per barrel). "Barrel" means 42 U.S. Gallons of Petroleum Products.

***Lanai \$0 ; Molokai \$0; Maui \$12,103,318.67 =Total \$12,103,318.67

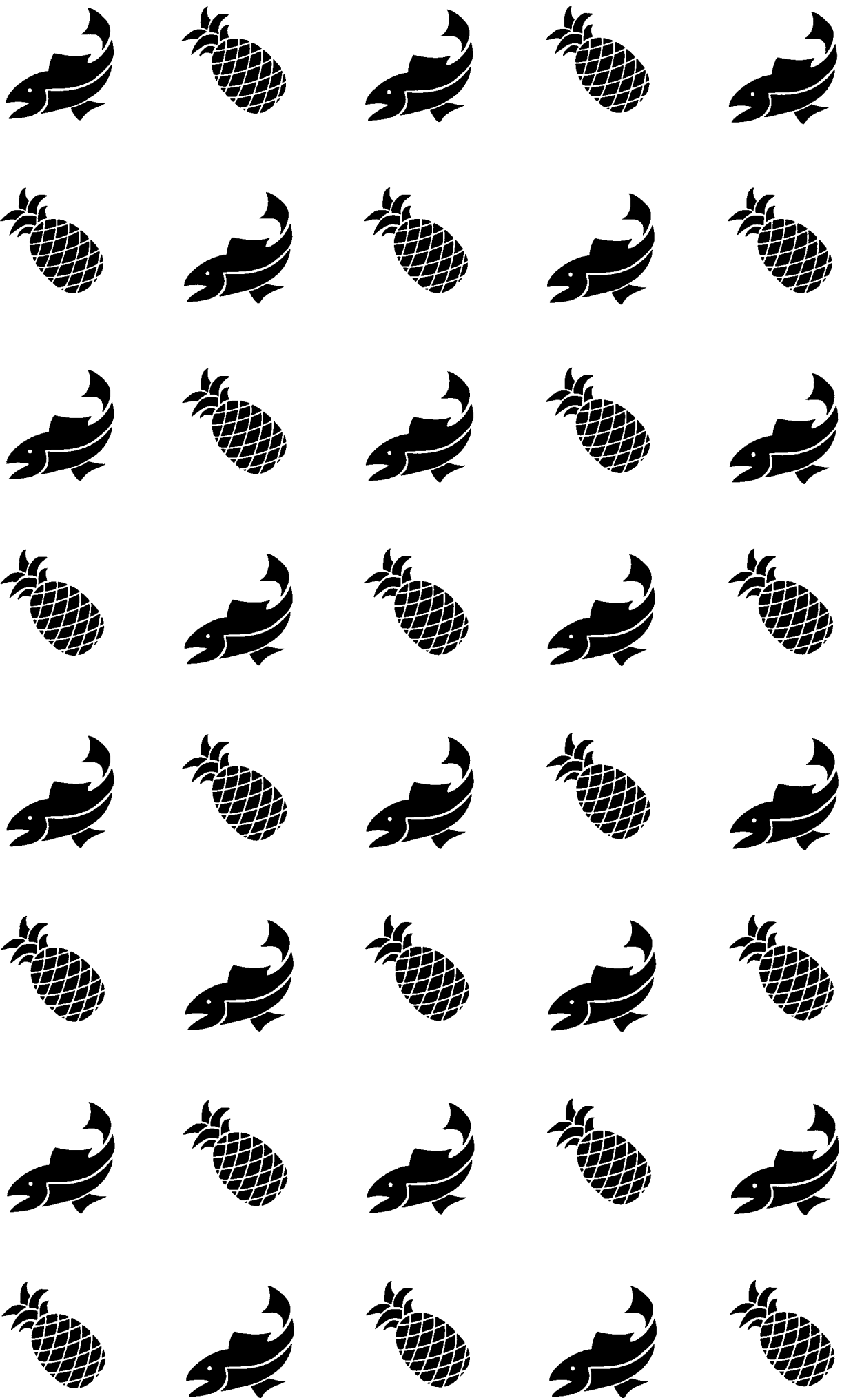
SOURCE: State of Hawaii, Department of Taxation, Tax Research and Planning Office, *Liquid Fuel Tax Base & Tax Collections*.

4.5.9
LIQUID FUEL TAX ALLOCATION BY FUND
FY ENDING JUNE 30, 2005, MAUI COUNTY

Source of Revenue	Amount	Total Tax
State Highway Special Fund	\$10,896,757.44	
State Airports Special Fund	581,188.56	
State Boating Special Fund	231,101.45	\$11,709,047.45
County Fuel Tax:		
Lanai	0	
Molokai	0	
Maui	\$11,982,285.48	11,982,285.48
SUB-TOTAL		23,691,332.93
Environmental Tax Fund		219,034.76
TOTAL		\$23,910,367.69

SOURCE: State of Hawaii, Department of Taxation, Tax Research and Planning Office, *Liquid Fuel Tax Allocation by Fund*.

Agriculture & Aquaculture



Section 5

AGRICULTURE & AQUACULTURE

This section includes statistics on agriculture and aquaculture. Statistics about farms are presented along with the value and distribution of farm and other land based herbaculture production. Fish catches and other aquaculture statistics are given.

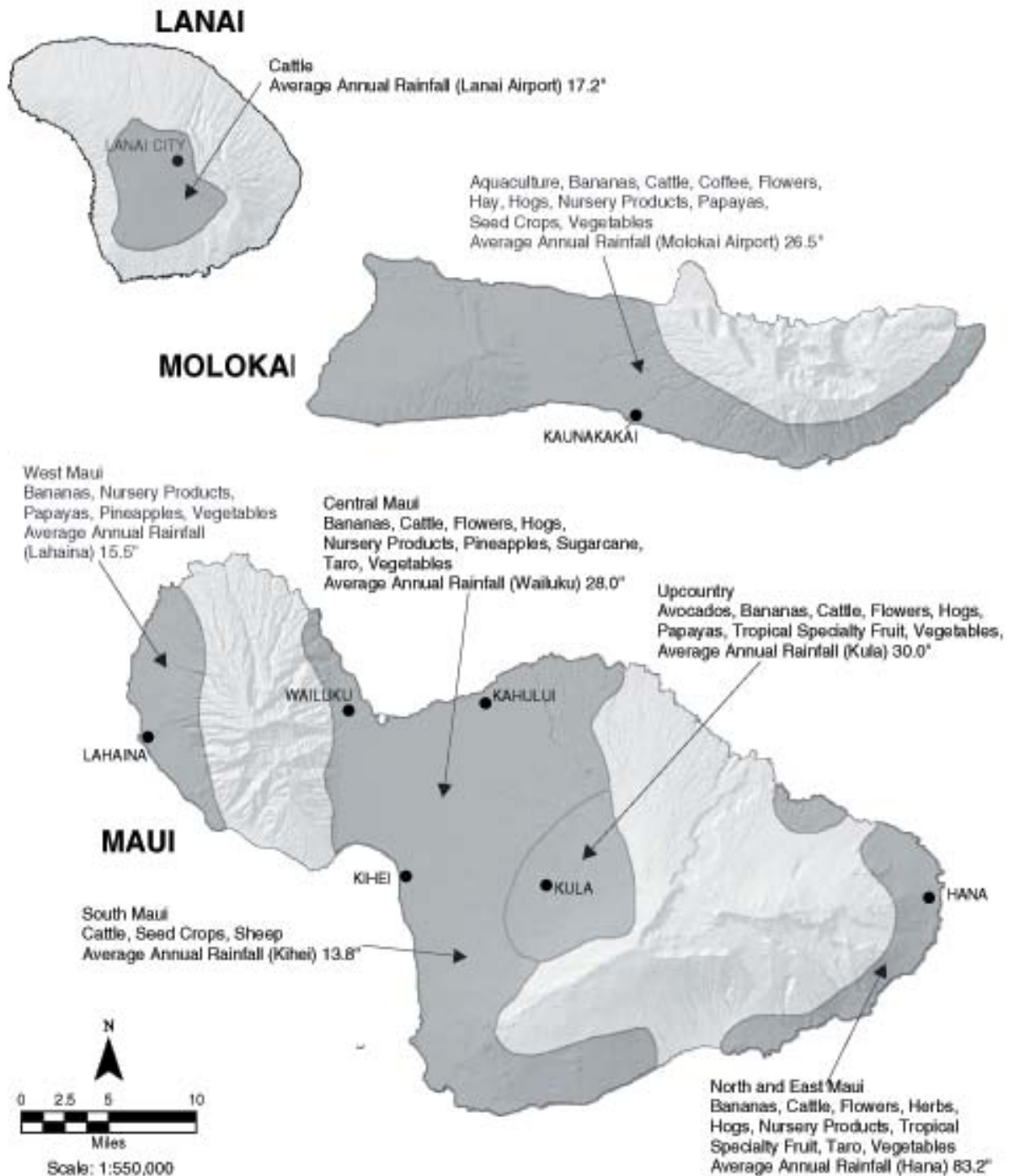
Agriculture remains an important element in Maui County's economy and land use patterns. Sugar and pineapple remain the largest crops, though the trend toward diversification of agriculture continues.

The value of commercially caught fish has been generally declining since 1986 and this trend continued through 1993, although there has been a rise since 1994. Commercial aquaculture continues to grow in importance.

The data in this section comes mainly from the U.S. Census Bureau, the Hawaii Agriculture Statistics Service, specific crop producers, and the Hawaii State Department of Land and Natural Resources.

5.1.1

**AGRICULTURAL AREAS,
MAUI COUNTY**



SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture*, 2003.

5.1.2

**TENURE AND CHARACTERISTICS OF FARM
OPERATORS AND TYPES OF FARM ORGANIZATION,
MAUI COUNTY**

	1992	1997	2002
Farms	850	806	823
Land In Farms (acres)	355,786	292,090	256,690
Tenure of Operator			
Full Owners			
Farms	503	460	529
Acres	118,137	81,616	82,274
Part Owners			
Farms	159	137	115
Acres	225,867	188,649	135,661
Owned land in farms (acres)	141,136	140,909	102,342
Rented land in farms (acres)	84,731	47,740	33,319
Tenants			
Farms	188	209	179
Acres	11,782	21,825	38,755
Operator Characteristics			
Place of Residence			
On farm operated	577	536	623
Not on farm operated	219	215	200
Not reported	54	55	n/a
Principal Occupation			
Farming	456	372	434
Other	394	434	389
Days of Work Off Farm ¹			
None	298	290	413
Any	482	455	410
1 to 49 days	55	59	47
50 to 99 days	31	33	36
100 to 199 days	133	86	63
200 days or more	263	277	264
Not reported	70	61	n/a
Years on Present Farm			
2 years or less	44	42	46
3 or 4 years	136	47	66
5 to 9 years	171	171	189
10 years or more	360	406	522
Average years on present farm	13.1	14.3	15.3
Not reported	139	140	n/a

5.1.2

CONTINUED

	1992	1997	2002
Operator Characteristics (cont.)			
Age Group			
Under 25 years	2	7	4
25 to 34 years	44	24	26
35 to 44 years	259	182	108
45 to 54 years	221	270	310
55 to 59 years	50	107	117
60 to 64 years	62	59	82
65 to 69 years	74	45	54
70 years and over	138	112	122
Average age	52.6	53.0	55.0
Male			
Farms	737	681	659
Acres	318,121	275,346	241,920
Female			
Farms	113	125	164
Acres	37,665	16,744	14,770
Type of Organization			
Individual or Family (sole proprietorship)			
Farms	710	679	701
Acres	53,463	31,942	D
Partnership			
Farms	52	44	37
Acres	D	34,620	11,357
Corporation (family held)			
Farms	46	56	58
Acres	90,740	101,236	76,424
Corporation (other than family held)			
Farms	26	13	17
Acres	192,428	123,312	99,056
Other (cooperative, estate or trust, institutional, etc.)			
Farms	16	14	10
Acres	D	980	D

D: Withheld to avoid disclosing data for individual farms.

¹ Number of days of Work Off Farm revised 2002.

SOURCE: United States Department of Agriculture, National Agricultural Statistics Service, *2002 Census of Agriculture*, various tables.

5.1.3

FARMS AND LAND IN FARMS, MAUI COUNTY

	1992	1997	2002
Farms	850	806	823
Land in Farms	355,786	292,090	256,690
Average size of farm (acres)	419	362	312
Median size of farm (acres)	NA	6	NA
Estimated Market Value of Land and Buildings¹			
Average per farm	1,118,184	818,342	1,251,598
Average per acre	2,671	2,258	4,112
Estimated Market Value of All Machinery and Equipment¹			
Average per farm	117,143	88,989	58,849
Farms by Size			
1 to 9 acres	505	468	505
10 to 49 acres	232	233	212
50 to 179 acres	60	48	56
180 to 499 acres	24	29	20
500 to 999 acres	3	5	7
1,000 acres or more	26	23	23
Total Cropland			
Farms	733	684	649
Acres	D	D	28,404
Harvested Cropland			
Farms	666	605	649
Acres	39,031	32,243	28,404
Irrigated Land			
Farms	541	480	462
Acres	61,549	35,031	26,855
Market Value of Agricultural Products Sold (\$1,000)	164,767	128,385	124,511
Crops, including nursery and greenhouse crops	153,285	116,084	116,645
Livestock, poultry, and their products	11,483	12,301	7,866
Average Market Value of Agricultural Products Sold per Farm (\$)	193,844	159,287	151,289

¹ Data are based on a sample of farms.

D: Withheld to avoid disclosing data for individual farms.

NA: Not available.

SOURCE: United States Department of Agriculture, National Agricultural Statistics Service, *2002 Census of Agriculture*, various tables.

5.1.4

NUMBER OF FARMS, FARM ACREAGE, AND FARM EMPLOYMENT, MAUI COUNTY

	1998	1999	2000	2001	2002	2003
Number of Farms ¹	800	800	800	800	800	800
Farm Acreage (1,000) ²	290	290	280r	270r	260r	260
Farm Employment ³						
Self-employed farm operators	350	450	500	500	500	*
Unpaid workers ⁴	150	200	150	150	150	*
Hired workers	1,950	2,200	2,000	1,800	2,250	1,650

* Beginning July 2002, estimates for self-employed and unpaid workers have been discontinued due to a change in the National Lab or Statistics Program.

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 Average of quarterly data.

⁴ Includes family members and others working 15 or more hours per week.

r: Revised from previous Data Book

SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2003* (annual).

5.1.5

LIVESTOCK: NUMBER OF OPERATIONS AND VALUE OF SALES, MAUI COUNTY

	1999	2000	2001	2002	2003
Number of Livestock Operations, December 31					
Cattle ¹	170	170	170	170	140
Hogs	60	60	60	60	50
Milk	4	4	4	D	6
Eggs	8	8	8	D	20
Honey	D	D	D	D	D
Value of Livestock Sales (\$1,000)					
Cattle ²	2,865	3,230	2,438	2,588r	2,266
Hogs ³	894	935	829r	838	897
Milk	D	D	D	D	D
Eggs	D	D	D	D	D
Aquaculture	D	D	D	D	D
Total livestock & Aquaculture sales⁴	6,484r	7,390r	6,002r	6,054r	6,104

D: Withheld to avoid disclosure of individual operations.

r: Revised from previous Data Book

¹ Includes beef, dairy, and dairy replacement operations.

² Excludes interfarm sales; includes out-of-state sales of slaughter cattle and feeder calves.

³ Excludes interfarm sales; includes out-of-state sales of slaughter animals.

⁴ Sum of individual commodities may not add to total. Includes sheep, wool, turkeys, horses, honey, beeswax, broilers and chickens.

SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2003* (annual).

5.1.6

CROPS: ACREAGE, NUMBER OF FARMS, AND VALUE OF SALES, MAUI COUNTY

	1999	2000	2001	2002	2003
Acreage in Crop (1,000 acres)					
Sugarcane	43.3	36.9	35.4	36.7	36.7
Pineapples (land used for pineapple)	9.1	11.6	9.1	9.1	5.9
Vegetables and melons (harvested acreage) ¹	1.4	1.3	1.2	1.1	1.1
Fruits (excluding pineapples)	0.3	0.3	0.3	0.4	0.5
Coffee	D	D	D	D	D
Macadamia nuts	D	D	D	D	D
All other crops ²	1.9	1.9	2.1	1.5	1.8
Number of Crop Farms					
Sugar	2	1	1	1	1
Pineapples ³	5	5	2	5r	5
Vegetables and melons	145	120	100	100	95
Fruits (excluding pineapples)	251	231	193	204	285
Coffee	D	D	D	D	D
Macadamia nuts	D	D	D	D	D
Taro	13	15	25	25	25
Flowers and nursery products	150	145r	150	155r	145
Value of Crop Sales (\$1,000)					
Sugar (unprocessed cane)	60,200	43,900	44,900	51,300	50,900
Pineapples (fresh equivalent)	28,325	29,445	27,115	29,624	29,826
Vegetables, ginger root, herbs, and melons	9,519	9,569	10,125	9,644	10,229
Fruits (excluding pineapples)	1,056	1,102	921	1,270r	1,451
Coffee (parchment)	D	D	D	D	D
Macadamia nuts (in-shell)	D	D	D	D	D
Taro	D	D	D	D	D
Seed crops	D	D	D	D	D
Flowers and nursery products ⁴	9,851	9,818r	9,898r	11,106r	11,315
Total crops⁵	125,375	114,651r	118,262r	130,372r	130,644

D: Withheld to avoid disclosure of individual operations.

r: Revised from previous Data Book.

¹ Includes ginger root.

² Includes taro, seed corn, feed and forage crops (excluding pineapple feed products), and flowers, foliage and nursery products.

³ Includes specialty pineapple.

⁴ Flowers, foliage, and nursery products.

⁵ Total crop values shown are actual. Sum of individual commodities may not add to total. Forage crops' and forest products' value combined and included in total crop value.

SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2003* (annual).

5.1.7

SUGARCANE, MAUI ISLAND

	1999	2000	2001	2002	2003
Number of farms¹	2	1	1	1	1
Acreage (1,000 acres)					
In crop ¹	43.3	36.9	35.4	36.7	36.7
Harvested for sugar	21.5	18.6	15.1	16.5	15.7
Yield per acre (tons)²					
Sugarcane	91.9	86.7	98.7	102.7	104.5
Raw Sugar 96°	11.86	12.18r	12.68r	13.04r	13.14
Production of cane for sugar (1,000 tons)	1,975	1,613	1,491	1,694	1,641
Farm price (dollars per ton)	30.50	27.20	30.10	30.30	31.00
Value of cane for sugar (\$1,000,000)³	60.2	43.9	44.9	51.3	50.9
Mill Production (1,000 tons)					
Raw Sugar 96°	255	210	191	216	206
Molasses ⁴	99	71	72	74	75
Average returns received (dollars per ton)⁵					
Raw Sugar 96°	352	311	352	354	368
Molasses ⁴	13.20	26.20	49.00	50.10	35.30
Value of production (\$1,000,000)					
Raw Sugar 96°	89.8	65.3	67.2	76.5	75.8
Molasses ⁴	1.3	1.9	3.5	3.7	2.6
Total	91.1	67.2	70.7	80.2	78.4

r: Revised from previous Data Book.

¹ At end of year.

² Yield and farm price may not compute exactly due to rounding.

³ Value of cane for sugar estimated by deducting processing and marketing costs from value of sugar and molasses. Processing costs based on toll charges by independent producers.

⁴ Commercial.

⁵ Derived from production and value. Prices may not compute exactly due to rounding.

SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2003* (annual).

5.1.8

**VEGETABLES, MELONS AND TARO,
ACREAGE, PRODUCTION AND VALUE,
MAUI COUNTY**

Commodity	1998	1999	2000	2001	2002	2003
HARVESTED ACREAGE¹						
Beans, snap	95	90	70	55	55	65
Cabbage, head	280	210	190	170	170	165
Celery	20	25	25	25	25	20
Corn, sweet	40	55	D	D	D	D
Cucumbers	170	145	160	155	180	180
Lettuce	15	D	D	D	D	D
Onions, dry	235	190	190	150	130	145
Onions, green	15	D	D	D	D	D
Peppers, green	D	D	D	D	D	D
Romaine	110	95	55	55	30	35
Squash, Italian	50	70	65	60	75	85
Sweet potatoes	65	70	65	50	95	60
Tomatoes	155	D	D	D	D	D
Watermelon	10	D	D	D	D	D
Other Vegetables & Melons ²	280	450	495	490r	355	350
Total Vegetables & Melons	1,540	1,400	1,315	1,210r	1,115	1,105
Taro (acreage in crop) ³	95	90	100	100	100	100
PRODUCTION (1,000 pounds)						
Beans, snap	500	570	550	500	460	550
Cabbage, head	7,300	5,700	5,300	4,650	4,300	4,600
Celery	470	500	350	500	500	500
Corn, sweet	170	240	D	D	D	D
Cucumbers	2,900	2,300	2,500	2,490	2,560	2,850
Lettuce	55	D	D	D	D	D
Onions, dry	3,000	2,900	2,700	2,150	1,340	2,125
Onions, green	125	D	D	D	D	D
Peppers, green	D	D	D	D	D	D
Romaine	1,900	1,100	600	550	350	450
Squash, Italian	470	750	980	800	630	1,080
Sweet potatoes	750	600	620	380	650	660
Tomatoes	5,800	D	D	D	D	D
Watermelon	140	D	D	D	D	D
Other Vegetables & Melons ²	3,625	7,280	6,625	6,405	5,005	3,335
Total Vegetables & Melons	27,205	21,940	20,225	18,425	15,795	16,150
Taro (marketings) ³	1,100	1,400	1,300	1,300	1,250	1,100

5.1.8

CONTINUED

Commodity	1998	1999	2000	2001	2002	2003
	VALUE (\$1,000)					
Beans, snap	416	496	468	473	414	495
Cabbage, head	1,314	1,009	970	944	886	1,044
Celery	120	125	98	152	153	140
Corn, sweet	117	161	D	D	D	D
Cucumbers	1,018	840	988	1,068	1,080	1,206
Lettuce	23	D	D	D	D	D
Onions, dry	2,367	2,062	2,066	1,993	1,461	2,080
Onions, green	121	D	D	D	D	D
Peppers, green	D	D	D	D	D	D
Romaine	646	352	244	214	147	176
Squash, Italian	235	334	480	400	282	585
Sweet potatoes	426	360	372	228	332	336
Tomatoes	2,917	D	D	D	D	D
Watermelon	29	D	D	D	D	D
Other Vegetables & Melons ²	1,334	2,911	3,297	3,570	4,098	3,295
Total Vegetables & Melons	11,083	8,650	8,983	9,042	8,853	9,357
Taro ³	577	736	684	691	690	605

D Not reported to avoid disclosure of individual operations.

r: Revised from previous Data Book.

¹ For vegetables and melons, acreage harvested (e.g., one acre planted and harvested three times during the year equals three harvested acres). For lotus root, watercress and taro, average acreage in crop during the year.

² Only selected items are shown separately. All other vegetables and melons for the island are included in the other vegetables and melons category.

³ Oahu combined with Maui and Molokai to avoid disclosure of individual operations.

SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2003* (annual)..

5.1.9

FLORICULTURE AND NURSERY PRODUCTS, MAUI COUNTY

Number of farms and growing area

	Number of Farms	Greenhouse (1,000 sq ft)	Artificial Shade (1,000 sq ft)	Natural Shade (Acres)	Open Field (Acres)	Total (Acres)
State Total						
2000	735	3,235	25,180	7	2,060	2,719
2001	790	3,175	26,660	9	2,355	3,049
2002	870	3,030	30,415	10	2,870	3,373
2003	865r	2,540r	27,465r	16r	3,186r	3,890r
2004	920	2,625	26,495	6	3,200	3,874
Maui/Molokai						
2000	145	345	685	0	515	539
2001	150	425	730	0	565	592
2002	155	400	740	0	540	566
2003	160r	350r	775r	0	575r	601r
2004	180	285	755	0	545	569

r: Revised from previous Data Book.

SOURCE: Hawaii Agricultural Statistics Service, *Hawaii Flowers and Nursery Products (annual, 2004)*, *Statistics of Hawaiian Agriculture (annual)*.

5.1.10

FLORICULTURE AND NURSERY PRODUCTS, BY COMMODITY, MAUI COUNTY

Value of grower sales (\$1,000)

Commodity	2000	2001	2002	2003	2004
Cut Flowers ¹	2,926	2,556	2,895	2,962r	2,526
Orchids	1,027	1,111	981	1,629r	998
Lei Flowers	D	D	D	1,114r	817
Foliage ³	543	D	D	365r	447
Potted Flowering Plants	1,121	1,135	1,112	1,044r	1,275
All Other Nursery Products ⁴	3,976	4,866	5,533	3,902r	3,269
Unspecified Sales ⁵	325	230	230	220	215
Total	9,918	9,898	10,751	11,236r	9,547

D: Data not shown separately to avoid disclosure of individual operations.

r: Revised from previous Data Book

¹ Cut orchids included in "Orchids" category.

² Excludes orchids used for lei flowers.

³ Includes potted, cut and unfinished. Beginning 1998, landscape foliage included with "all other nursery products."

⁴ Includes bedding plants, plant rentals, sod, trees, and any other nursery products not elsewhere classified.

⁵ Includes grower sales greater than \$999 but less than \$10,000 which were not categorized.

SOURCE: Hawaii Agricultural Statistics Service, *Hawaii Flowers and Nursery Products (annual, 2004)*, *Statistics of Hawaiian Agriculture (annual)*.

5.1.11

FRUITS: VALUE OF SALES, MAUI COUNTY

1,000 dollars (Fresh weight basis)

	Pineapples	Other	Total
Maui/Molokai/Lanai			
1994	25,150	984	26,134
1995	24,775	1,031	25,806
1996	27,144	858	28,002
1997	28,295	1,136	29,431
1998	28,413	1,051	29,464
1999	28,325	1,056	29,381
2000	29,445	1,102	30,547r
2001	27,115	921	28,036
2002	29,624	1,214	30,838
2003	29,735	1,565	31,300

r: Revised from previous Data Book.

SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2003* (annual).

5.1.12

BANANAS, MAUI COUNTY

	1998	1999	2000	2001	2002
Maui/Molokai/Lanai					
Number of Farms	35	40	40	30	40
Acreage in crop ¹	85	85	75	85	85
Acreage harvested ²	50	50	60	60	60
Yield per acre (1,000 lbs. harvested)	16.0	17.8	12.5	9.7	9.2
Fresh utilization (1,000 pounds)	800	890	750	580	550
Farm price (cents per pound)	55.0	56.0	60.0	58.0	60.0
Value of sales (\$1,000)	440	499	451	333	330

SOURCE: Hawaii Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2002* (annual)..

5.1.13

**AGRICULTURAL TOURISM BY COUNTY,
2000 AND 2003**

County	Total Farms		Ag-Tourism Activity		(\$1,000) Value of Ag-Tourism		Farms Planning Ag-Tourism Activities	
	2000	2003	2000	2003	2000	2003	2000	2003
Maui	800	800	31	43	7,288	6,772	16	37
Hawaii	3,300	3,300	60	89	8,875	12,562	47	65
Honolulu	900	900	19	31	7,777	8,586	15	23
Kauai	500	500	16	24	2,103	5,949	6	20
State	5,500	5,500	126	187	26,043	33,869	84	145

NOTE: **Ag-tourism** is a commercial enterprise on a working farm conducted for the enjoyment, education, and/or active involvement of the visitor, generating supplemental income for the farm. Activities such as producing and selling products directly from the farm, operating a bed and breakfast, conducting educational farm tours, offering horseback riding, festivals, concerts, and many other on-farm activities qualify as ag-tourism.

SOURCE: Hawaii Agricultural Statistics Publication, *Hawaii Ag-Tourism*, October 18, 2004.

5.1.14

**AGRICULTURAL THEFT AND VANDALISM,
BY COUNTY**

County	Crop	Livestock	Chemical/ Fertilizer	Machinery/ Equipment	Other Property	Total
Number of Theft Incidents, by Type of Theft						
Maui	17	16	17	71	113	234
Hawaii	724	187	59	157	447	1,574
Honolulu	1,973	51	40	336	92	2,492
Kauai	186	30	11	44	168	439
Total	2,900	284	127	608	820	4,739
Amount of Loss Due to Theft, by Type of Theft (\$1,000)						
Maui	66	5	9	169	80	329
Hawaii	196	213	12	153	60	634
Honolulu	218	7	31	506	36	798
Kauai	82	37	3	11	52	185
Total	562	262	55	839	228	1,946
Number of Vandalism Incidents, by Type of Vandalism						
Maui	117	0	3	40	287	447
Hawaii	126	34	19	51	264	494
Honolulu	17	9	0	53	54	133
Kauai	3	18	1	25	32	79
Total	263	61	23	169	637	1,153
Amount of Loss Due to Vandalism, by Type of Vandalism (\$1,000)						
Maui	952	0	1	101	106	1,160
Hawaii	40	48	1	45	58	192
Honolulu	5	241	1	273	48	568
Kauai	29	10	1	46	13	99
Total	1,026	299	4	465	225	2,019
Number of Trespassing Incidents						
Maui	1,850					
Hawaii	32,021					
Honolulu	4,227					
Kauai	1,534					
Total	39,632					
Number and Level of Prosecution of Theft, Vandalism, and Trespassing Incidents						
	Reported to Police	Arrested	Convicted			
Maui	177	5	3			
Hawaii	655	86	13			
Honolulu	206	10	6			
Kauai	199	18	12			
Total	1,237	119	34			

SOURCE: United States Department of Agriculture, National Agricultural Statistics Service, *Hawaii Agricultural Theft & Vandalism, October 18, 2005*.

5.2.1

COMMERCIAL MARINE LANDINGS, MAUI COUNTY

Year ended June 30

Year	Pounds Landed	Pounds Sold	Value (\$)
1982	792,504	734,258	873,251
1983	944,045	899,995	1,109,356
1984	889,715	810,257	1,083,651
1985	862,333	810,599	1,140,578
1986	1,007,255	915,637	1,659,720
1987	1,120,497	1,026,307	1,919,196
1988	961,337	851,858	1,780,096
1989	698,000	596,620	1,363,703
1990	777,385	624,466	1,428,937
1991	744,805	602,325	1,390,838
1992	854,282	692,870	1,596,576
1993	516,909	409,498	1,050,460
1994	624,147	486,682	1,226,805
1995	731,447	586,398	1,597,826
1996	783,394	620,343	1,577,195
1997	663,203	507,255	1,409,797
1998	748,149	605,174	1,464,070
1999	725,445	555,477	1,562,511
2000	643,581	501,263	1,502,897
2001	573,566	431,781	1,336,420
2002	473,472	353,277	1,145,432

SOURCE: State of Hawaii, Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Marine Landings, State of Hawaii*, fiscal year reports.

5.2.2

SEA SPECIES COMMONLY CAUGHT NEAR FISH AGGREGATING DEVICES, MAUI COUNTY

Pounds landed in year ending June 30

Species	1998	1999	2000	2001	2002
Aku	19,809	42,012	18,538	10,642	10,038
Bigeye	1,234	1,449	554	—	—
Yellowfin	33,108	41,447	18,508	29,136	28,981
Kawakawa	124	150	105	—	—
Tuna (misc.)	1,149	598	1,140	—	—
Blue Marlin	28,230	15,677	20,785	7,204	12,205
Striped Marlin	1,393	3,707	2,409	921	1,793
Sailfish	59	—	118	—	—
Shortbill Spearfish	567	2,947	1,345	336	—
Kahala	—	—	12	—	—
Kamanu	44	21	13	—	—
Keokeo	—	—	1	—	—
Mahimahi	32,634	44,480	37,528	42,905	51,068
Mako	—	410	—	—	—
Mano	824	255	100	—	—
Ono	8,403	7,785	7,143	9,014	5,918
Opelu	—	83	—	—	—
Uku	—	15	—	—	—
Other	1,058	119	169	—	—
Total	128,636	161,155	108,468	100,158	110,003
Devices Available	15	16	15	16	15

NOTE: Fish aggregating devices are non-navigational buoys placed several miles offshore to attract fish. Data is incomplete due to late submission and processing of fish catch records.

SOURCE: State of Hawaii, Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Marine Landings, State of Hawaii*, fiscal year reports.

5.2.3

FAD CATCHES AND TRIP COUNT, MAUI COUNTY

FAD	Location	No. of Months Station On	Lbs. ¹	No. of Trips ¹	Lbs/Trip
I	Halona Pt.	10.6	3,469	78	44.5
K	Palaoa	12.0	15,770	273	57.8
M	Hana Bay	12.0	2,460	39	63.1
N	Cape Halawa	12.0	2,007	25	80.3
O	Kalaupapa	11.1	2,417	20	120.9
Q	Pauwela Pt.	12.0	15,746	177	89.0
CC	Ka'ena Pt.	12.0	2,249	52	43.3
DD	Opana Pt.	9.3	7,674	176	43.6
FF	Pukaulua Pt.	12.0	26,388	114	231.5
HO	Ho'olawa Pt.	10.0	10,920	129	84.7
JJ	Kamohio	12.0	17,229	79	218.1
LA	Lahaina	8.2	3,789	128	29.6
MC	Palaoa	9.9	2,748	52	52.8
NL	Nu'u	10.4	2,006	39	51.4
T2	Kolo Harbor				
T3	Pala'au				
T6	Palaoa	12.0			

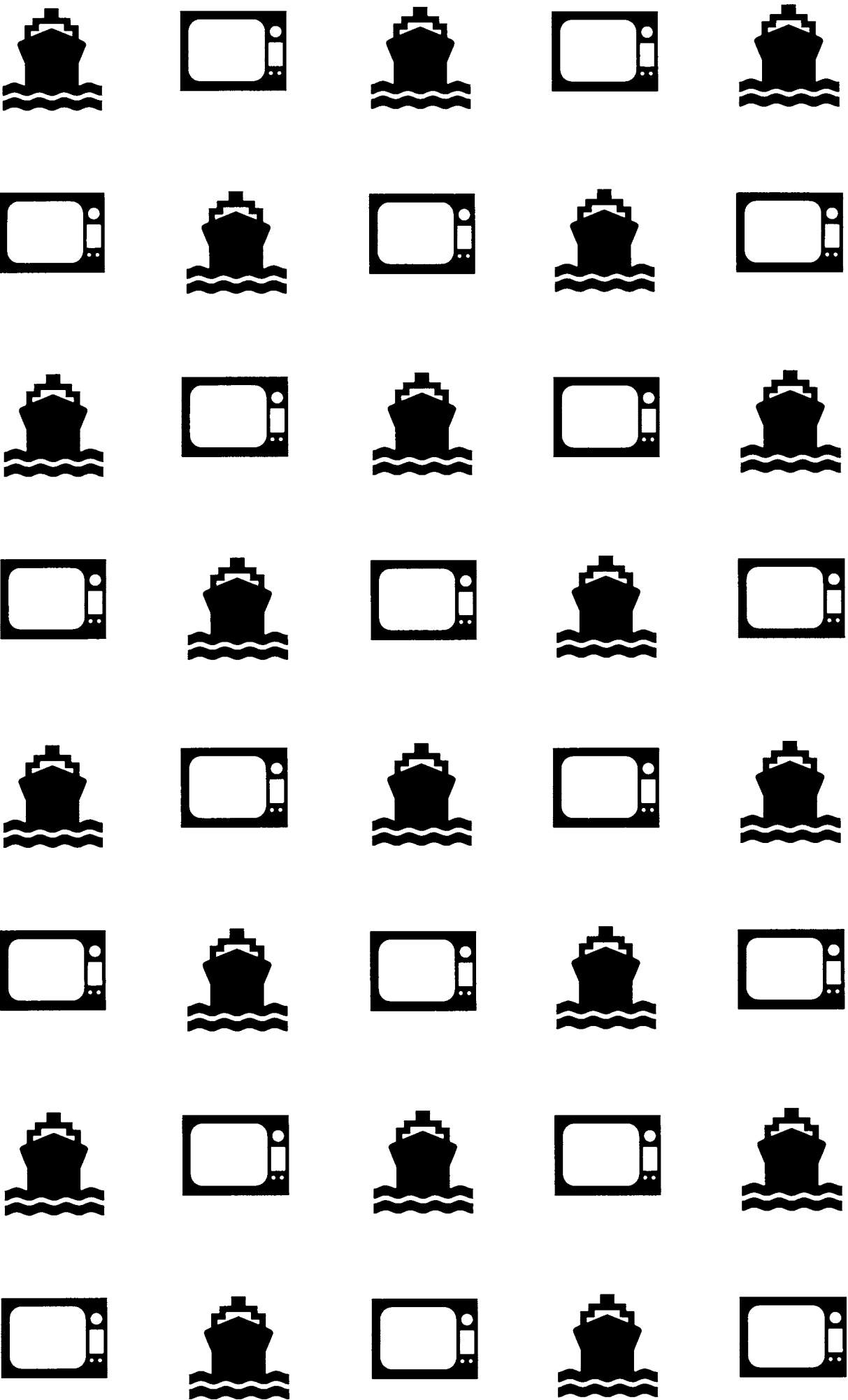
FAD: Fish Aggregating Device - are non-navigational buoys placed several miles offshore to attract fish.

D: Due to low level of fishermen reporting and to preserve confidentiality, data for these FADs are not listed

¹ Reported numbers are for trolling only.

SOURCE: State of Hawaii, Department of Land and natural Resources, Division of Aquatic Resources, *Commercial Marine Landings, State of Hawaii*, fiscal year report 2002.

Communication & Transportation



Section 6

COMMUNICATION & TRANSPORTATION

This section covers statistics on communications and transportation.

Newspapers, radio and television station statistics are included in the first section (6.1). Under transportation, statistics on fuel usage, rental cars, registered drivers, aircraft and water craft facilities and freight traffic are presented.

With more than 58,000 tons of cargo and mail passing through Kahului Airport and just under 3,800,000 tons passing through Kahului Harbor, water transport remains the primary way goods reach Maui.

The transportation statistics are mostly taken from the Hawaii State Department of Transportation.

6.1.1

AVERAGE PAID CIRCULATION OF THE MAUI NEWS

For 12 month period ending March 31

Year	Monday-Thursday	Friday	Saturday	Sunday
1992	17,845	21,089		20,822
1993	18,334	21,504		21,827
1994	18,615	21,691		22,246
1995	18,816	21,865		23,441
1996	18,379	21,234		23,866
1997	17,710	20,346		23,992
1998	17,142	19,634		24,098
2001	18,880	21,069	18,718	25,090
2002		21,214 ¹		26,525
2003		21,631 ¹		26,833
2004		22,032 ¹		26,931
2005		21,902 ¹		26,382

NOTE: 1994 to 1997 average year circulation calculated from quarterly averages. The Maui News started publishing a Saturday edition in 2001.
¹ Monday through Saturday.

SOURCE: Audit Bureau of Circulations, Maui News Audit Report, 1990-1998 and Maui News records 2005.

6.1.2

AVERAGE DISTRIBUTION OF OTHER NEWSPAPERS, MAUI COUNTY

Fil-Am LIGHT News	10,000	monthly
Filipino Summit ¹	10,000	monthly
Haleakala Times	16,000	bi-weekly
Lahaina News	12,000	bi-weekly
The Lana'i Times	3,000	monthly
The Maui Time Weekly	18,000	weekly
Maui Weekly	35,000	weekly
The Molokai Advertiser-News	3,000	weekly
The Molokai Dispatch	5,000	weekly

¹ State Wide circulation.

SOURCE: *South Maui Times*, *Lahaina News*, *The Molokai Advertiser-News*, *The Lana'i Times*, *Haleakala Times*, *Fil-Am LIGHT News* and *Filipino Summit*, staff.

6.1.3

CABLE TELEVISION COMPANIES, SUBSCRIBERS AND REVENUES, BY COUNTIES

	Maui	Hawaii	Honolulu	Kauai	State Total
Number of Companies¹					
Dec. 31, 1999	3	2	2	1	2
Dec. 31, 2000	3	3	1	2	2
Dec. 31, 2001	3	3	1	2	2
Dec. 31, 2002	3	3	1	2	1
Dec. 31, 2003	2	2	1	1	1
Dec. 31, 2004	2	2	1	1	1
Subscribers²					
Dec. 31, 1999	51,835	34,268	253,981	18,189	358,273
Dec. 31, 2000	47,695	34,974	262,681	18,451	363,801
Dec. 31, 2001	48,422	36,436	264,871	18,675	368,424
Dec. 31, 2002	49,202	37,554 ^r	269,681	21,028	377,465 ^r
Dec. 31, 2003	49,918	37,291	274,416	21,087	383,342
Dec. 31, 2004	50,814	38,991	278,336	21,357	389,498
Basic Service Revenue (\$1,000)					
1999	12,719	12,107	72,522	5,783	103,131
2000	14,409	13,717	78,158	6,547	112,831
2001	15,761	14,482	85,830	7,010	123,083
2002	16,809	15,016	91,301	7,549	130,675
2003	18,012	15,821	95,401	8,091	137,325
2004	18,903	16,722	101,318	8,582	145,527

¹State totals are unduplicated figures; one company provided service to three counties.

^r Revised from previous Data Book

²Hawaiian Cablevision has redefined multiunit as expressed by Federal rules.

SOURCE: Hawaii State Department of Commerce and Consumer Affairs, Cable Television Division, records.

6.1.4

RADIO AND TELEVISION BROADCASTING STATIONS IN OPERATION, MAUI COUNTY

Station	State Total	Maui County
Commercial Stations		
AM	32	5 ¹
FM	46	8
TV ²	25	5
Non-commercial Stations		
AM	—	—
FM	9	1
TV ²	2	1

¹ Excludes one commercial AM station with studio on Oahu but transmitter on Molokai.

² Includes satellites but excludes translators and cable television.

SOURCE: Federal Communications Commission, Mass Media Bureau, Audio Services and Video Services Divisions, records.

6.2.1

LIQUID FUEL TAX BASE, MAUI COUNTY

Thousands of gallons

	1997	1998	1999	2000	2001	2002	2003	2004
Total	111,889	111,316	125,852	127,738	107,449	145,548	128,416	145,322
Gasoline	52,863	52,855	54,543	57,861	56,585	59,380	73,689	62,593
Diesel Oil, Non-highway	32,361	26,735	31,191	28,289	25,580	36,566	5,044 ¹	16,255
Diesel Oil, Highway Use	3,743	3,987	4,564	4,097	4,151	4,839	4,307	5,976
Liquid Petroleum Gas, Off Highway	609	560	602	634	590	167	137	394
Liquid Petroleum Gas, Highway Use	21	22	20	14	16	19	17	15
Other Fuel							115 ^r	328
Aviation Fuel	22,293	27,157	34,931	36,842	20,525	44,561	45,109	59,962

¹ Current Estimate r: Revised from previous Data Book.

SOURCE: Hawaii State Department of Taxation, *Liquid Fuel Tax Base and Tax Collections, Calendar Year Ending December 31, 2004* (annual release), and records.

6.2.2

ESTIMATED DAYTIME POPULATION AND EMPLOYMENT-RESIDENCE RATIOS, MAUI CDP

Place Name	Population	Resident Working In	Workers Living In	Daytime Population	Percent Change	Percent of Workers Living In
Haiku-Pauwela	6,578	1,139	3,071	4,646	-29.4	21.2
Kaanapali	1,375	2,844	615	3,604	162.1	25.0
Kahului	20,146	12,992	8,203	24,935	23.8	42.6
Kihei	16,749	6,117	8,819	14,047	-16.1	32.6
Lahaina	9,118	6,568	4,562	11,124	22.0	49.5
Makawao	6,327	1,356	3,252	4,431	-30.0	15.1
Napili-Honokowai	6,788	890	3,941	3,737	-44.9	11.8
Pukalani	7,380	1,119	3,812	4,687	-36.5	12.7
Waihee-Waiehu	7,310	238	3,392	4,156	-43.1	3.3
Wailea-Makena	5,671	4,441	3,176	6,936	22.3	31.2
Wailuku	12,296	8,271	5,602	14,965	21.7	33.9

CDP: Census Designated Place.

SOURCE: U.S. Bureau of the Census, Census 2000.

6.2.3

WEEKLY WHOLESALE GASOLINE PRICE CAPS, MAUI COUNTY^{1,2}

Week of: (2005)	Maui ³	Hana	Molokai	Lanai
September 1-4	2.2968	2.3768	2.4048	2.4958
September 5-11	2.5677	2.6477	2.6757	2.7667
September 12-18	3.0123	3.0923	3.1203	3.2113
September 19-25	2.5164	2.5964	2.6244	2.7154
September 26 - October 2	2.4563	2.5363	2.5643	2.6553
October 3-9	2.7086	2.7886	2.8166	2.9076
October 10-16	2.7940	2.8740	2.9020	2.9930
October 17-23	2.3522	2.4322	2.4602	2.5512
October 24-30	2.2344	2.3144	2.3424	2.4334
October 31 - November 6	2.0594	2.1394	2.1674	2.2584
November 7-13	2.0188	2.0988	2.1268	2.2178

The Gas Cap Law is a legal limit on wholesale gasoline prices, or the maximum amount that may be charged for producing gasoline and delivering it to a service station. Under the new law, the gas cap is set weekly by the Hawaii Public Utilities Commission (PUC) based on average spot prices for regular unleaded gasoline in three U.S. markets, New York Harbor, the Gulf Coast, and Los Angeles.

¹ Regular unleaded gasoline.

² Excludes taxes and retail markup.

Gas Taxes:

Federal 0.184

State 0.160

County of Maui 0.180

4% General Excise Tax (based on gross sales price).

³ Excludes Hana.

SOURCE: State of Hawaii, Department of Commerce and Consumer Protection, Public Utilities Commission, records.

**6.2.4
GASOLINE AVERAGE PRICES PER GALLON, MAUI COUNTY¹**

Location	11/04	12/04	01/05	02/05	03/05	04/05	05/05	06/05	07/05	08/05	09/05	10/05
Maui County Average	2.681	2.690	2.686	2.686	2.697	2.765	2.789	2.794	2.858	3.014	3.568	3.509
Haiku	NA	NA	NA	NA	NA	2.779	2.779	2.799	2.864	3.079	NA	NA
Hana	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.924	4.009
Kahului	2.666	2.680	2.675	2.673	2.686	2.764	2.788	2.793	2.859	3.017	3.568	3.514
Kaunakakai	2.794	2.799	2.799	2.799	2.809	2.829	2.829	2.829	2.845	2.999	3.538	3.545
Kihei	2.678	2.681	2.680	2.687	2.690	2.772	2.789	2.793	2.853	3.017	3.579	3.495
Kula	NA	NA	NA	NA	NA	2.719	2.719	2.724	2.759	NA	3.169	NA
Lahaina	2.677	2.679	2.681	2.678	2.692	2.737	2.774	2.787	2.854	3.006	3.558	3.486
Makawao	2.707	2.706	2.708	2.703	2.715	2.779	2.803	2.811	2.882	3.032	3.590	3.538
Paia	2.701	2.700	2.702	2.702	2.717	2.767	2.799	2.812	2.879	3.018	3.584	3.547
Wailuku	2.689	2.696	2.681	2.681	2.698	2.765	2.786	2.786	2.854	3.011	3.557	3.494

¹ Regular unleaded gasoline as of the first day of the month.

NA: Not Available

SOURCE: Oil Price Information Service, Rockville, MD.

6.2.5

HIGHWAY DISTANCES, MAUI COUNTY

Route	Statute Miles	Route	Statute Miles
Maui		Molokai	
Wailuku-Kahului	2.3	Kaunakakai-Sheraton Hotel	19.5
Wailuku-Kahului Airport	4.2	Kaunakakai-Maunaloa	16.5
Wailuku-Hana, via Keanae	53.2	Kaunakakai-Airport	8.0
Wailuku-Hana, via Kaupo	59.8	Kaunakakai-Halawa	27.6
Wailuku-Haleakala summit	38.2	Airport-Sheraton Hotel	11.5
Wailuku-Makena	17.9	Lanai	
Wailuku-Lahaina, via Kahakuloa	38.0	Lanai City-Lanai Airport	3.1
Wailuku-Lahaina, via Olowalu	20.9	Lanai City-Hulopoe	7.5
Kahului-Kihei	8.2		
Lahaina-Wailea	32.4		
Lahaina-Napili	8.9		
Lahaina-Kaanapali	3.7		

SOURCE: Hawaii State Department of Transportation, Highways Division, records.

6.2.6

HAWAII DRIVERS LICENSES IN FORCE AND VEHICLE REGISTRATION, BY TYPE OF VEHICLE, MAUI COUNTY

Taxable and non-taxable; includes vehicles registered but subsequently scrapped or shipped out of state

	1997	1998	1999	2000	2001	2002	2003	2004
Drivers Licenses in Force (as of December 31)	82,217	84,980	87,550	90,964	93,595	97,045	99,716	100,916
All Vehicles	119,626	123,596	128,204	135,554	139,546	141,511	148,716	156,880
Motor Vehicles	116,878	120,818	125,404	132,636	136,473	138,058	144,985	152,904
Passenger vehicles ¹	90,573	93,912	97,565	103,329	105,879	106,384	112,205	118,915
Ambulances	10	11	13	13	12	12	14	12
Buses	328	328	342	324	308	291	288	268
Trucks ¹	23,935	24,474	25,268	26,690	27,868	28,696	29,516	30,569
Truck tractors	111	104	96	98	99	99	88	88
Truck cranes	79	74	72	68	62	62	61	60
Motorcycles ²	1,842	1,915	2,048	2,114	2,245	2,514	2,810	2,992
Trailers and semi-trailers	2,748	2,778	2,800	2,918	3,073	3,453	3,731	3,976

¹ Vans and other trucks under 6,500 lb. in personal use, legally classified as passenger vehicles, are included in the totals for trucks.

² Including motor scooters but excluding mopeds (1.5 HP or less), legally classified as bicycles.

SOURCE: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

6.2.7

**HIGHWAY BRIDGES, BY ISLAND,
DECEMBER 31, 2003**

Island	Number of Bridges ¹	<u>Longest Bridge</u>		<u>Highest Bridge</u>	
		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	445r	Airport Viaduct	14,890	Kipapa	156
Kauai	55r	Hanamaulu	1,150	Wahiawa, Koloa	90

¹ Limited to bridges under State jurisdiction and longer than 20 feet. r: Revised from previous Data Book.

SOURCE: Hawaii State Department of Transportation, Highways Division, records.

6.2.8

**LENGTH OF STREETS AND HIGHWAYS, PAVED AND
UNPAVED BY ISLAND, DECEMBER 31, 2004**

Excludes private roads and military roads not regularly open to public use

Island	Total mileage	<u>Paved</u>		<u>Unpaved</u>
		Freeways	Other	
State total	4316.35	88.55	4055.39	172.41
Hawaii	1466.06	-	1406.76	59.30
Maui	630.69	-	573.99	56.70
Lanai	47.48	-	33.48	14.00
Molokai	132.86	-	120.86	12.00
Oahu	1625.34	88.55	1528.87	7.92
Kauai	413.92	-	391.43	22.49
Niihau	-	-	-	-

SOURCE: Hawaii State Department of Transportation, Highways Division, records.

6.2.9
ROAD, BRIDGE AND DRAINAGE MAINTENANCE,
COUNTY OF MAUI

MAINTENANCE PROJECTS	FY 2002	FY 2003	FY 2004	FY 2005
County Summary				
Complaints received - road (including potholes) and drainage	399	377	739	529
Average number of days to resolve complaints	3.84	4.12	7.77	4.87
Interdepartmental support (landfill, refuse collection, cesspool pumping), work hours per year	19,646	19,253	11,201	18,295
Other department support (Fire, Parks), work hours per year	3,393	1,991	828	1,927
Pothole patching, tons of cold mix	2,215	3,062	3,153	2,706
Lineal feet of shoulder work	100,000	210,800	181,325	214,703
Acres of grass mowed	1,000	1,386	1,174	1,021
Lineal feet of culverts maintained	3,402	4,880	7,443	4,835
Number of catch basins maintained	380	516	489	439
Wailuku				
Complaints received - road (including potholes) and drainage	282	250	556	410
Average number of days to resolve complaints	3	5	8.97	5
Pothole patching, tons of cold mix	710	1,050	825	793
Lineal feet of shoulder work	4,000	68,800	17,525	67,223
Acres of grass mowed	435	560	350	507
Lineal feet of culverts maintained	1,050	330	970	618
Number of catch basins maintained	70	268	193	162
Makawao				
Complaints received - road (including potholes) and drainage	57	68	105	88
Average number of days to resolve complaints	7.0	3.0	5.0	5.5
Pothole patching, tons of cold mix	500	730	760	627
Lineal feet of shoulder work	74,900	89,750	105,450	93,038
Acres of grass mowed	331	452	337	381
Lineal feet of culverts maintained	172	90	75	152
Number of catch basins maintained	178	50	89	99
Lahaina				
Complaints received - road (including potholes) and drainage	47	41	70	48
Average number of days to resolve complaints	4	2	3.13	2.82
Pothole patching, tons of cold mix	58	49	55	49
Lineal feet of shoulder work	4,100	3,000	3,050	3,513
Acres of grass mowed	54	56	83	67
Lineal feet of culverts maintained	420	500	3,125	1,150
Number of catch basins maintained	60	58	65	61
Hana				
Complaints received - road (including potholes) and drainage	2	0	0	1
Average number of days to resolve complaints	4	0	0	1
Pothole patching, tons of cold mix	900	1,150	1,398	1,162
Lineal feet of shoulder work	4,800	24,000	28,000	28,700
Acres of grass mowed	90	120	130	115
Lineal feet of culverts maintained	750	960	1,056	860
Number of catch basins maintained	22	36	48	35
Molokai				
Complaints received - road (including potholes) and drainage	11	18	8	10
Average number of days to resolve complaints	8	1	1	1
Pothole patching, tons of cold mix	40	70	100	150
Lineal feet of shoulder work	10,000	23,000	24,000	20,000
Acres of grass mowed	80	185	250	270
Lineal feet of culverts maintained	1,000	3,000	2,200	2,000
Number of catch basins maintained	42	85	70	70
Lanai				
Complaints received - road (including potholes) and drainage	0	0	0	0
Average number of days to resolve complaints	0	0	0	0
Pothole patching, tons of cold mix	7	13	15	25
Lineal feet of shoulder work	2,200	2,250	3,300	2,730
Acres of grass mowed	20	13	24	24
Lineal feet of culverts maintained	10	0	17	17
Number of catch basins maintained	8	19	24	24

Source: Office of the Mayor, Budget Office, *County Budgets 2002-2006*.

6.2.10

MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES

Year	HIGHWAY FUEL CONSUMPTION ¹		VEHICLE MILES OF TRAVEL	
	Total (1,000 gallons)	Gallons per Vehicle ²	Total (millions)	Per Vehicle ²
State of Hawaii				
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	455,558	461	8,754.3	9,052
2002	477,518	484	8,937.3	9,050
2003	483,232	469	9,325.0	9,046
2004	498,816	463	9,734.6	9,042
Maui County				
1991	49,037	434	1,013.7	8,962
1992	48,985	445	988.3	8,971
1993	50,715	460	988.5	8,971
1994	53,933	487	993.9	8,973
1995	53,634	477	1,010.1	8,977
1996	55,346	473	1,049.5	8,968
1997	53,771	461	1,046.0	8,963
1998	56,241	467	1,079.7	8,959
1999	59,560	477	1,119.5	8,958
2000	60,598	459	1,182.6	8,955
2001	61,922	456	1,216.9	8,956
2002	65,142	474	1,231.9	8,958
2003	77,140	534	1,292.5	8,952
2004	68,646	452	1,357.7	8,941

¹ Includes gasoline, diesel oil, and butane gas. Gasohol was no longer used in motor vehicles after June 1982.

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.

6.2.11

**VEHICLE REGISTRATION, BY TAXATION STATUS,
FOR COUNTIES 2003**

Taxation Status	State Total	City and County of Honolulu	County of Hawaii	County of Kauai	County of Maui
Total registered	1,049,266	672,912	156,201	70,241	149,912
Taxable vehicles	980,943	608,003	154,866	69,466	148,608
Exempt vehicles	68,323	64,909	1,335	775	1,304
Federal government	377	361	12	-	4
State government	5,064	5,063	1	-	-
County government	6,246	4,042	701	468	1,035
Fire department	247	72	110	34	31
Police department	1,653	1,307	343	-	3
Consulates	55	55	-	-	-
Disabled veterans	118	59	10	42	7
Military non-resident	54,129	53,729	85	225	90
Farm	286	113	49	4	120
Horseless carriage	47	37	8	1	1
Electric vehicles	101	71	16	1	13

Note: Includes vehicles registered by subsequently scrapped or shipped out of State. Excludes trailers, semi-trailers and motorcycles.

SOURCE: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

6.2.12

**TRAFFIC ACCIDENTS, TRAFFIC INJURIES, AND
TRAFFIC DEATHS, 2000 TO 2004,
BY COUNTY**

COUNTY	2000	2001	2002	2003	2004
Major Traffic Accidents¹					
Honolulu	7,129	6,406	6,761r	7,025r	NA
Hawaii	2,201	2,781	2,256r	2,313r	NA
Kauai	483	524	637	767r	NA
Maui	1,298	1,159	1,009	1,145r	NA
Fatal Accidents					
Honolulu	58	74	67	65r	66
Hawaii	34	29	27	29r	33
Kauai	4	4	5	5	9
Maui	20	26	17	15	21
Persons Injured					
Honolulu	6,114	5,036	5,426r	5,460	NA
Hawaii	1,805	1,819	1,844r	1,797	NA
Kauai	441	440	524	588	NA
Maui	1,527	1,346	1,156	1,249	NA
Persons Killed					
Honolulu	66	79	67	79r	71
Hawaii	38	30	28	30r	41
Kauai	5	4	5	5	10
Maui	24	28	20	16r	21

NA Not available.

r: Revised from previous Data Book.

¹ Through 1990, includes traffic accidents with damage of \$300 or more or causing injury or death.

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.

SOURCE: Hawaii State Department of Transportation, Highways Division, Traffic Safety Section, records.

6.2.13

AIRCRAFT OPERATIONS BY TYPE OF AIRCRAFT, MAJOR STATE-OWNED AIRPORTS

2003	Kahului	Honolulu International	Kona International (Keahole)	Lihue	Hilo International	Molokai
All Movements	151,558	301,919	119,210	97,576	99,415	40,944
Air Carrier	47,295	165,406	22,317	23,833	12,829	656
Air Taxi	76,261	46,012	14,524	48,767	47,774	27,116
General Aviation	24,169	74,293	66,798	19,961	28,163	11,450
Military	3,833	16,208	15,571	5,015	10,649	1,722

SOURCE: Hawaii State Department of Transportation, Airports Division, *Airport Activity Statistics, Calendar Year 2003*.

6.2.14

AIRCRAFT OPERATIONS BY TYPE OF AIRCRAFT, KAHULUI AND MOLOKAI AIRPORTS

	1996	1997	1998	1999	2000	2001	2002	2003
Kahului Airport								
All Movements	178,590	173,342	180,890	188,385	174,855	160,324	157,868	151,558
Air Carrier	67,136	64,599	63,336	62,883	63,799	55,937	51,275	47,295
Air Taxi	78,722	81,105	84,546	92,569	77,779	69,635	77,357	76,261
General Aviation	29,976	25,211	29,509	29,575	29,983	31,816	25,218	24,169
Military	2,756	2,427	3,499	3,358	3,294	2,936	4,018	3,833
Molokai Airport								
All Movements	49,221	44,667	49,353	49,184	44,691	43,806	43,065	40,944
Air Carrier	1,003	1,017	1,163	1,469	1,484	1,138	964	656
Air Taxi	34,753	31,290	30,080	30,286	27,385	26,890	27,213	27,116
General Aviation	10,744	10,844	15,425	14,169	11,869	12,532	11,931	11,450
Military	2,721	1,516	2,685	3,260	3,953	3,246	2,957	1,722

NOTE: Definitions. *Aircraft operations*: Total aircraft movements, landings and takeoffs, combined. Reported by the United States Federal Aviation Administration's air traffic control towers. *Air carrier*: Large commercial aircraft having more than 60 seats. *Air taxi*: Small commercial aircraft having 60 seats or less. *General aviation*: All types of civil aviation including private jets, corporate jets, and helicopters. General aviation excludes commercial and military aircraft operations. *Military*: All military aircraft, including military helicopters.

SOURCE: Hawaii State Department of Transportation, Airports Division, *Airport Activity Statistics, Calendar Year 2003*.

6.2.15

PASSENGERS, CARGO AND MAIL, OVERSEAS AND INTERISLAND, MAUI COUNTY AIRPORTS

Airport	1999		2000		2001		2002		2003	
	En-planed	De-planed	En-planed	De-planed	En-planed	De-planed	En-planed	De-planed	En-planed	De-planed
Passengers										
OGG										
interisl.	2,129,704	2,017,788	2,141,313	2,075,141	1,449,602	2,132,627	1,591,870	1,593,034	1,414,008	1,414,634
OGG										
overseas	854,706	969,881	965,586	1,009,205	1,067,849	1,079,015	1,112,000	1,119,599	1,271,118	1,282,431
MKK	132,540	137,212	124,670	128,838	106,898	108,740	103,139	105,622	97,180	100,163
LNy	88,598	87,043	80,761	80,644	72,714	72,822	70,050	69,851	56,406	56,275
JHM	68,336	66,966	61,128	60,187	47,609	47,781	41,336	41,177	47,569	48,027
HNM	4,184	3,909	8	9	2,933	2,781	2,569	2,368	3,863	3,810
LUP	4,150	3,996	1,148	1,007	1,295	1,252	2,381	2,224	5,947	5,097
Cargo (U.S. Tons)										
OGG										
interisl.	5,324	14,911	6,147	17,872	6,135	17,321	5,266	16,361	6,134	18,101
OGG										
overseas	6,945	5,937	7,390	6,688	7,919	5,511	12,471	7,049	15,699	8,184
MKK	441	967	485	847	486	836	414	856	617	815
LNy	112	665	76	642	73	612	78	753	79	732
JHM	277	360	273	316	278	304	258	295	285	337
HNM	42	11	25	10	51	16	38	41	23	61
LUP	15	174	12	190	15	170	13	193	17	174
Mail (U.S. Tons)										
OGG										
interisl.	2,263	7,592	2,089	7,575	1,977	7,176	193	3,512	1,547	7,557
OGG										
overseas	1,102	1	641	32	1,133	136	332	1	773	35
MKK	35	204	5	171	22	62	1	n/a	19	39
LNy	15	113	1	99	9	37	n/a	n/a	2	33
JHM	0	0	0	0	0	0	n/a	n/a	0	0
HNM	0	0	0	0	0	0	n/a	n/a	0	0
LUP	1	3	0	5	1	3	n/a	n/a	0	9

NOTES: Interisland traffic is intrastate only; overseas includes both international and U.S. mainland flights. Kahului is the only Maui County airport offering overseas flights.

AIRPORT KEY:

OGG	Kahului	JHM	Kapalua
MKK	Molokai	HNM	Hana
LNy	Lanai	LUP	Kalaupapa

SOURCE: Hawaii State Department of Transportation, Airports Division, *Airport Activity Statistics, Calendar Year 2003*.

6.2.16

**PRIVATE PASSENGER AIRCRAFT AND CORPORATE JET LANDINGS,
KAHULUI AIRPORT FY 04-05**

MLW (pounds)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
<10,000	-	-	-	1	-	-	-	-	-	-	-	-	1
10,000 - 20,000	-	-	1	7	14	1	1	2	6	3	21	15	71
20,000 - 30,000	-	3	1	3	1	1	6	2	41	1	1	2	62
30,000 - 40,000	21	35	8	11	21	49	26	25	14	29	17	20	276
40,000 - 50,000	7	16	5	7	5	14	11	7	49	7	5	5	138
50,000 - 75,000	28	21	13	19	19	59	37	27	16	34	14	16	303
75,000 - 100,000	12	7	-	5	10	23	16	4	8	10	9	8	112
>100,000	6	5	-	-	3	2	1	4	-	5	-	2	28
Total	74	87	28	53	73	149	98	71	134	89	67	68	991

MLW: Maximum Landing Weight

Aircraft Types by MLW

< 10,000: Britten-Norman.

10,000 - 20,000: DHC-6, Dehavilland DHC-6, Lear 35 & 36, WestWind II, Learjet 60.

20,000 - 30,000: WestWind Astra, IAI 1125 Astra SPX, Hawker 800, IAI Galaxy, IAI 1126 Galaxy, others.

30,000 - 40,000: IAI 1126 Galaxy G-2000, G200, Cessna 750 CIT X, Falcon 2000, Falcon 50, Challenger 600 & 601 & 604, others.

40,000 - 50,000: Embraer ERJ135, Falcon 900 & 900EX, Falcon 50EX,

50,000 - 75,000: Gulfstream III & IV-SP.

75,000 - 100,000: Gulfstream V, BD-700 Global EX, Bombardier BD-700, others.

>100,000: B737-700, B737, Boeing Business, B727-100, B727, B727-200.

SOURCE: State of Hawaii, Department of Transportation, Airports Division, records.

6.2.17

VESSEL ARRIVALS FOR KAHULUI HARBOR

Excludes domestic fishing craft

	1996	1997	1998	1999	2000	2001	2002	2003
Total Inbound Vessels	1,333	1,259	1,351	1,442	1,453	1,595	1,548	1,499
By Type of Vessel								
Self propelled vessels								
Passenger and dry cargo	35	22	45	55	54	69	59	75
Tanker	1	0	3	2	0	2	2	6
Towboat or tugboat	539	534	584	614	665	375	718	695
Non-self propelled vessels								
Dry cargo	676	615	618	656	624	744	663	593
Tanker	82	88	101	115	110	105	106	130
By Draft								
18 feet and less	1,280	1,061	1,152	1,160	1,198	1,305	1,279	1,289
19 feet and more	53	198	199	282	255	220	203	131

SOURCE: U.S. Department of the Army, Corps of Engineers, *Waterborne Commerce of the United States, Part 4, Waterways and Harbors, Pacific Coast, Alaska and Hawaii*, calendar years 1995-2003.

6.2.18

FREIGHT TRAFFIC FOR KAHULUI HARBOR

Freight Traffic (In thousand short tons)

1989	2,278
1990	2,408
1991	2,434
1992	2,357
1993	2,216
1994	2,368
1995	2,586
1996	2,828
1997	2,895
1998	2,851
1999	3,513
2000	3,477
2001	3,695
2002	3,458
2003	3,778

SOURCE: U.S. Department of the Army, Corps of Engineers, *Waterborne Commerce of the United States, Part 4, Waterways and Harbors, Pacific Coast, Alaska and Hawaii*, calendar years 1989-2003.

6.2.19
KAHULUI HARBOR FREIGHT TRAFFIC BY
COMMODITY

In thousands of tons

2003 Commodity	Grand Total	<u>Coastwise</u> Receipts Shipments	
Total, all commodities	3,778	2,439	1,339
Petroleum and Petroleum Products Total	524	523	2
2211 Gasoline	179	178	1
2330 Distillate Fuel Oil	231	231	-
2340 Residual Fuel Oil	104	104	-
2350 Lube Oil & Greases	2	2	0
2640 Liquid Natural Gas	8	8	0
2990 Petro. Products NEC	0	0	-
Chemicals and Related Products Total	25	23	2
3110 Nitrogenous Fert.	-	-	-
3190 Fert. & Mixes NEC	18	17	1
3274 Sodium Hydroxide	-	-	-
3275 Inorg. Elem., Oxides, & Halogen Salts	6	6	0
3281 Radioactive Material	0	-	0
3282 Pigments & Paints	0	0	-
3284 Medicines	2	2	0
3285 Perfumes & Cleansers	0	0	0
3286 Plastics	2	2	0
3291 Pesticides	0	0	-
3293 Explosives	0	0	-
3299 Chem. Products nec	1	1	0
Crude Materials, Inedible Except Fuels Total	159	108	51
4189 Lumber	100	95	5
4190 Forest Products NEC	-	-	-
4225 Pulp & Waste Paper	2	0	2
4331 Sand & Gravel	49	12	37
4338 Soil & Fill Dirt	1	1	-
4420 Iron & Steel Scrap	8	-	8
4900 Non-Metal. Min. NEC	0	0	-
Primary Manufactured Goods Total	2,104	1,223	882
5110 Newsprint	1	1	-
5120 Paper & Paperboard	1	1	-
5190 Paper Products NEC	17	15	3
5220 Cement & Concrete	46	46	0
5240 Glass & Glass Prod.	1	1	0
5290 Misc. Mineral Prod.	19	19	0
5360 I&S Bars & Shapes	2	2	-
5370 I&S Pipe & Tube	4	4	0
5480 Fab. Metal Products	2,014	1,135	879
5540 Primary Wood Prod.	0	0	-

6.2.19

CONTINUED

2003 Commodity	Grand Total	Coastwise	
		Receipts	Shipments
Food and Farm Products Total	414	200	214
6134 Fish (Not Shellfish)	0	0	-
6442 Rice	3	3	0
6654 Vegetables & Prod.	14	11	3
6746 Wheat Flour	1	1	-
6747 Grain Mill Products	0	0	0
6781 Hay & Fodder	1	1	-
6782 Animal Feed, Prep.	10	10	0
6811 Meat, Fresh, Frozen	5	5	0
6822 Dairy Products	0	0	0
6839 Animals & Prod. NEC	5	2	2
6857 Fruit & Nuts NEC	0	0	0
6858 Fruit Juices	87	-	87
6861 Sugar	40	-	40
6865 Molasses	73	-	73
6871 Coffee	0	0	0
6885 Alcoholic Beverages	21	21	0
6887 Groceries	0	0	0
6889 Food Products NEC	150	142	8
6899 Farm Products NEC	4	4	-
All Manufactured Equipment, Machinery and Products Total	552	364	188
7110 Machinery (Not Elec)	15	5	9
7120 Electrical Machinery	1	0	0
7210 Vehicles & Parts	228	139	89
7220 Aircraft & Parts	0	0	0
7230 Ships & Boats	1	0	0
7400 Manufac. Wood Prod.	16	15	1
7500 Textile Products	1	0	0
7600 Rubber & Plastic Pr.	1	0	0
7900 Manufac. Prod. NEC	290	202	88
Unknown or Not Elsewhere Classified Total	0	0	-
9900 Unknown or NEC	0	0	-

NOTES: Totals may not add due to rounding. Tonnage figures are rounded. A zero represents less than 500 tons but more than zero. Blanks mean zero tons. Commodity codes are standardized to reflect the Standard Industrial Trade Classification (SITC) Revision 3 commodity codes. Coastwise: Domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, (e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, Alaska to Hawaii). Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed Coastwise. *Receipts*: traffic moving from one location to another where the destination is the subject port. *Shipments*: traffic moving from one location to another where the origin is the subject port.

NEC: not elsewhere classified.

I&S: iron and steel.

SOURCE: U.S. Department of the Army, Corps of Engineers, *Waterborne Commerce of the United States, Part 4, Waterways and Harbors, Pacific Coast, Alaska and Hawaii*, calendar year 2003.

6.2.20

VESSELS THAT USE KAHULUI HARBOR

Type or Purpose of Vessel	Capacity Load	Current Port Call Frequency	Current Time in Port
Vessels That Use Pier 1¹			
Cruise Ships	2000-3000 passengers & crew	1-2 per week	2-3 days per week
Sugar Barge	34,000 tons of sugar	1 per 6-8 weeks	2-2.5 days
Coal Ship	~17,000 tons of coal	2-3 per year	4-5 days
Matson Barges	~190 shipping containers	2-3 per week	12-16 hours
Tin Ship	1,600 tons of tin plate	3 per year	10-12 hours
Pascha Roll On Roll Off Ship	3,000 passenger vehicles	1 per 2 weeks	8 hours
Vessels that Dock at Pier 1 and Pier 3			
Diesel & Bunker Fuel			
Barge for MECo	~60,000 barrels	1 per 10 days on average ²	15 - 20 hours
Diesel, Gasoline & Jet Fuel			
Barges for Tesoro & Chevron	~60,000 barrels	2 per week	12-16 hours
Sand Barge	4,300 tons of sand	2-3 per month	10 hours
Scrap Metal Barge	4,500 tons of scrap metal	1 per 3 months	2-3 days

¹ Excluding fishing fleet vehicles

² Depends on demand for electricity. Frequency increases in summer months.

SOURCE: *Mayor's Cruise Ship Task Force, Island of Maui, Final Report August 15, 2005.*

Section 7

ENERGY & SCIENCE

The increase in Maui County's population has been reflected in the utilities. Consumption and use of electricity, gas, utilities, and water have all increased dramatically over the last decade. Statistics on electricity, gas, water production and consumption are covered. Hawaiian Commercial and Sugar generated about 10.0% of the electric power used on the island of Maui in 2001. Ongoing scientific endeavors include observation of astronomical and man-made space objects from the summit of Mt. Haleakala.

7.1.1

TELESCOPES AT THE SUMMITS OF MAUNA KEA AND HALEAKALA: 2003

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)	2.4 ³	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	200.0	16.0	120	1979
Advanced Electro-Optical System 3.7-m Telescope (AEOS)	50.0	15.0	55	1997
Magnum 2-m Telescope ⁵	5.0	0.25	1	2000
Faulkes 2-m Telescope ⁶	5.0	(NA)	(NA)	2003
Haleakala Support Facilities	(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.

7.1.2

ELECTRIC UTILITIES, MAUI COUNTY

	2000	2001	2002	2003	2004
CUSTOMERS, DEC. 31					
<i>Total</i>					
Maui Island	53,204	54,405	55,504	56,880	57,430
Molokai	2,903	2,926	2,960	3,017	3,018
Lanai	1,494	1,509	1,519	1,526	1,548
Maui County	57,601	58,840	59,983	61,423	61,996
<i>Residential¹</i>					
Maui Island	45,379	46,320	47,253	48,327	48,753
Molokai	2,351	2,381	2,416	2,464	2,472
Lanai	1,296	1,306	1,310	1,319	1,334
Maui County	49,026	50,007	50,979	52,110	52,559
<i>Other</i>					
Maui Island	7,825	8,085	8,251	8,553	8,677
Molokai	552	545	544	553	546
Lanai	198	203	209	207	214
Maui County	8,575	8,833	9,004	9,313r	9,437
GENERATING AND FIRM PURCHASED CAPABILITY, DEC. 31 (MW)					
Maui Island	250.1	250.1	250.1	245.2	245.2
Molokai	12.1	12.1	12.0	11.8	11.8
Lanai	10.4	10.4	10.4	10.3	10.3
Maui County	272.6	272.6	272.5	267.3	267.3
PEAK DEMAND (MW)²					
Maui Island	185.1	191.0	193.9	197.7	206.5
Molokai	6.5	6.5	6.6	6.5	6.7
Lanai	5.0	5.2	4.9	5.0	4.8
POWER SOLD (1,000 kWh)					
<i>Total</i>					
Maui Island	1,042,006	1,071,486	1,096,739	1,142,689	1,184,554
Molokai	36,349	35,681	34,942	35,894	35,344
Lanai	27,108	26,905	27,036	28,136	27,802
Maui County	1,105,463	1,134,072	1,158,717	1,206,719	1,247,700
<i>Residential</i>					
Maui Island	354,689	360,025	378,828	398,949	419,276
Molokai	12,687	12,348	12,439	13,048	13,413
Lanai	6,855	7,068	7,358	7,515	7,688
Maui County	374,231	379,440	398,625	419,512	440,377
<i>Other</i>					
Maui Island	687,317	711,462	717,911	743,741	765,268
Molokai	23,661	23,333	22,503	22,846	21,931
Lanai	20,253	19,838	19,678	20,621	20,114
Maui County	731,232	754,633	760,092	787,208	807,313

7.1.2

CONTINUED

	2000	2001	2002	2003	2004
AVERAGE ANNUAL USE (kWh)³					
<i>Residential</i>					
Maui Island	7,816	7,773	8,017	8,255	8,600
Molokai	5,397	5,186	5,149	5,296	5,426
Lanai	5,289	5,412	5,617	5,697	5,763
Maui County	7,633	7,588	7,819	8,050	n/a
<i>Other</i>					
Maui Island	87,836	87,998	87,009	86,957	88,195
Molokai	42,865	42,814	41,366	41,312	40,166
Lanai	102,288	97,722	94,152	99,619	93,990
Maui County	85,275	85,433	84,417	84,528	n/a
AVERAGE RATE (dollars per kWh)					
<i>Residential</i>					
Maui Island	0.18232	0.18656	0.17119	0.18289	0.20817
Molokai	0.22787	0.23631	0.22173	0.22953	0.25741
Lanai	0.22184	0.24415	0.22445	0.23460	0.25149
Maui County	0.18459	0.18925	0.17375	0.18527	n/a
<i>Other</i>					
Maui Island	0.16582	0.17125	0.15684	0.16954	0.19296
Molokai	0.22376	0.22841	0.21110	0.22509	0.25543
Lanai	0.22112	0.24555	0.22480	0.23516	0.23959
Maui County	0.16922	0.17497	0.16020	0.17287	n/a
REVENUES (\$1,000)					
<i>Total</i>					
Maui Island	178,638	189,003	177,446	199,057	234,943
Molokai	8,186	8,247	7,508	8,137	9,054
Lanai	5,999	6,597	6,075	6,612	6,752
Maui County	192,823	203,847	191,030	213,806	250,749
<i>Residential</i>					
Maui Island	64,668	67,166	64,851	72,964	87,281
Molokai	2,891	2,918	2,758	2,995	3,453
Lanai	1,521	1,726	1,652	1,763	1,933
Maui County	69,080	71,809	69,260	77,721	92,667
<i>Other</i>					
Maui Island	113,970	121,837	112,596	126,093	147,662
Molokai	5,294	5,330	4,750	5,142	5,602
Lanai	4,478	4,871	4,424	4,849	4,819
Maui County	123,743	132,038	121,769	136,085	158,083

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 Peak demand is the maximum amount of energy required from the electrical system. The islands' electrical systems are not interconnected, so no peaks are reported for Maui County as a whole.

³ Based on number of customers at end of year. r: Revised from previous Data Book. n/a Not Available.

MW: Megawatts kWh: Kilo-watt-hour.

SOURCE: Hawaii State Department of Commerce and Consumer Affairs, Division of Consumer Advocacy, records; capacity and peak demand: Hawaiian Electric Industries, Inc., Securities and Exchange Commission 10-K filings, 2000-2004.

7.1.3

GAS UTILITIES, MAUI COUNTY

Excludes bottled gas

	1999	2000	2001	2002	2003	2004
Island of Maui						
Customers (December 31)						
Residential ¹	326	333	329	325	321	317
Other	79	78	79	75	76	74
Total	405	411	408	400	397	391
Gas Sold (1,000 therms)						
Residential	74	78	77	68	69	69
Other	813	805	786	771	766	782
Total	887	883	863	839	836	850
Average Annual Use (therms)						
Residential	228	233	234	210	216	217
Other	10,285	10,320	9,947	10,281	10,081	10,561
Average Rate (\$ per therm)²						
Residential	1.98769	2.10372	2.43086	2.71343	2.82044	2.91367
Other	1.14251	1.23916	1.45250	1.36960	1.51092	1.59858
Revenues (\$1,000)						
Residential	148	163	187	185	196	201
Other	928	997	1,141	1,056	1,158	1,249
Total	1,076	1,161	1,329	1,241	1,353	1,450
Island of Molokai³						
Customers (December 31)						
Total/Residential	92	78	71	80	72	73
Gas Sold (1,000 therms)						
Total/Residential	19	17	15	14	15	14
Average Annual Use (therms)						
Total/Residential	206	220	205	117	202	185
Average Rate (\$ per therm)						
Total/Residential	2.23825	2.33821	2.62590	2.84208	3.00433	3.15372
Revenues (\$1,000)						
Total/Residential	42	40	38	40	44	43

¹ Residential refers to single-metered residential customers which may include condominiums for visitor use but excludes master-metered apartment and condominium buildings used by residents which are classified as commercial customers.

² Based on number of customers at end of year.

³ All Molokai customers are residential.

SOURCE: Hawaii State Department of Commerce and Consumer Affairs, Division of Consumer Advocacy, records.

7.1.4

HAWAII STATE ENERGY REPORT, ENERGY CONSUMPTION ESTIMATES BY SOURCE

In billion BTU

	1997	1998	1999	2000	2001	2002
Asphalt and road oil	2,629.6	2,138.0	2,340.3	4,009.3	2,271.0	709.9
Aviation gasoline	608.8	540.3	293.6	226.3	243.8	88.6
Distillate fuel	27,025.5r	25,925.21r	30,951.2	29,672.1	35,180.4	47,099.5
Kerosene-type jet fuel	57,930.6r	56,643.3	53,720.0	53,510.8	50,437.3	59,450.4
Naphtha-type jet fuel	9.0	0.0	0.0	0.0	0.0	0.0
Kerosene	2.8	1.5	0.9	1.3 ^r	0.9	0.7
Liquified petroleum gasses	870.3	3,050.5	1,358.0	2,027.4	2,102.2	2,782.4
Lubricants	571.7	598.5	604.8	595.7	545.8	539.3
Motor gasoline	48,781.1	48,692.3	46,653.8	48,397.8	50,587.3	54,261.1
Residual fuel	76,811.8r	83,261.3r	81,383.5	85,001.5	83,517.5	80,086.4
Other petroleum products ¹	17,607.0r	14,778.7r	14,730.2r	13,959.5r	17,261.8r	16,453.0
Subtotal petroleum products	230,489.6r	233,446.2r	229,921.2	235,194.0r	239,885.4r	259,230.9
Geothermal energy	4,683.3	4,983.0	4,437.1	5,515.6	4,349.9	NA
Solar thermal & photovoltaic energy	1,273.0	1,317.7	1,353.0	1,364.9	1,341.0	NA
Wind energy	206.2	196.6	168.7	173.4	21.6	NA
Subtotal geothermal, solar thermal, photovoltaic and wind energy	6,162.4	6,496.2	5,958.8	7,053.9	5,712.6	NA
Coal	20,040.3	18,222.9	17,653.7	17,653.7	17,550.7	NA
Hydroelectric power	1,194.5	1,236.6	1,175.0	1,055.4	1,025.0	NA
Natural gas	2,688.3	2,803.7	2,886.5	2,975.0	2,919.4	NA
Wood and waste	14,779.2	17,649.8	18,098.3	16,101.2	15,121.0	NA
Total energy consumption	241,824.9	279,884.9	275,730.6	280,033.8	282,163.2	NA

NOTE: Totals may not equal sum of components due to independent rounding.

¹ Other petroleum products are aviation gasoline blending components, motor gasoline blending components, petroleum coke, still gas, unfinished oils, and petroleum waxes.

^r Revised from previous Data Book.

NA: Not Available.

SOURCE: U.S. Department of Energy, Energy Information Administration, Combined State Energy Data System 2001 and 2002.

7.1.5

WATER SERVICES AND CONSUMPTION, MAUI COUNTY

Years ending June 30

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	NUMBER OF SERVICES										
State Total	222,569	226,998	229,989	230,952	233,043	235,799	238,665	242,092	245,397	247,862	254,036
Maui County	27,021	27,460	27,918	28,306	28,720	29,333	29,750	30,414	31,021	31,680	32,344
Maui	25,531	25,960	26,409	26,795	27,205	27,809	28,217	28,872	29,451	30,102	30,751
Molokai	1,490	1,500	1,509	1,511	1,515	1,524	1,533	1,542	1,570	1,578	1,593
	CONSUMPTION (million gallons)										
State Total	73,732	74,990	75,389	71,810	73,301	76,631	76,401	78,748	77,868	80,735	78,345
Maui County	11,177	11,494	11,477	11,485	11,729	12,547	12,719	12,883	12,312	12,695	12,436
Maui	10,822	11,150	11,138	11,110	11,399	12,199	12,388	12,546	11,997	12,357	12,105
Molokai	355	344	339	330	369	348	331	337	315	338	331

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.

7.1.6

DAILY AVERAGES FOR WATER PRODUCTION BY AREA, MAUI COUNTY

in thousands of gallons

Area	06/04	07/04	08/04	09/04	10/04	11/04	12/04	01/05	02/05	03/05	04/05	05/05	Prev. 12 months
Central Maui													
Groundwater-lao	17,75	19,927	18,842	18,306	18,239	16,864	16,075	13,573	14,336	15,685	16,089	17,483	16,949
lao Tunnel	1,837	1,959	2,015	2,039	2,073	2,016	2,036	2,011	1,985	1,777	2,054	2,149	1,996
Groundwater-Waihee	4,091	3,702	2,929	3,498	4,795	3,165	3,466	3,180	3,595	3,547	4,322	4,608	4,146
Surface Water	1,082	749	530	0	726	935	1,043	780	892	580	838	959	759
Upcountry Maui													
Surface Water	7,321	8,923	8,048	8,821	7,933	5,384	5,440	4,421	4,983	5,389	6,310	7,215	6,693
Groundwater	344	394	370	1,783	2,764	1,205	1,110	953	1,170	1,139	1,099	1,327	1,138
West Maui													
Surface Water	3,583	3,767	3,595	3,450	3,359	3,445	3,187	3,542	3,544	3,591	3,722	3,609	3,532
Groundwater	2,764	2,778	2,909	2,911	2,553	2,009	1,863	1,353	1,608	1,795	1,685	2,015	2,190
East Maui													
Groundwater	375	356	370	392	441	452	370	345	376	350	339	382	379
Molokai													
Groundwater	1,255	1,340	1,256	1,298	1,220	1,074	1,100	912	1,055	1,040	1,180	1,406	1,179
TOTAL WATER PRODUCTION	40,404	44,451	42,549	45,096	44,104	36,548	35,689	31,069	33,545	34,893	37,638	41,154	38,962

SOURCE: County of Maui, Department of Water Supply, Water Quality Report.

7.1.7

WATER SYSTEM DEVELOPMENT FEE SCHEDULE

Effective July 29, 2002

METER SIZE	TOTAL FEE
5/8 inch	\$6,030
3/4 inch	8,442
1 inch	15,678
1 1/2 inch	34,974
2 inch	61,506
3 inch	138,690
4 inch	247,230
6 inch	555,966
8 inch	987,714
10 inch	1,543,680
12 inch	2,222,658

NOTE: Fees do not include installation charges.

SOURCE: County of Maui, Department of Water Supply, *Annual Report FY 2004*.

7.1.8

**WATER SERVICES BY METER SIZE,
MAUI COUNTY**

District	5/8"	3/4"	1"	1-1/2"	2"	3"	4"	6"	8"	Total
Regular Rates										
Wailuku	15,304	827	493	383	362	70	22	3	1	17,465
Makawao	8,268	285	159	77	24	13	5	0	0	8,831
Lahaina	2,631	130	116	126	116	28	6	1	0	3,154
Hana	478	8	8	4	3	0	0	0	0	501
Molokai	1,483	37	31	14	18	1	0	1	0	1,585
Subtotal	28,164	1,287	807	604	523	112	33	5	1	31,536
Agricultural Service Meters										
Wailuku	27	9	7	5	1	0	0	0	0	49
Makawao	427	66	104	93	37	1	1	0	0	729
Lahaina	2	3	1	0	0	0	0	0	0	6
Hana	13	0	3	0	0	0	0	0	0	16
Molokai	4	2	1	1	0	0	0	0	0	8
Subtotal	473	80	116	99	38	1	1	0	0	808
Total	28,637	1,367	923	703	561	113	34	5	1	32,344

SOURCE: County of Maui, Department of Water Supply, *Annual Report FY 2004*.

7.1.9

**OUTSIDE WATER DELIVERIES TO DEPARTMENT OF
WATER SUPPLY, MAUI COUNTY**

Purchased From	1,000 Gallons	Amount	Cost Per 1,000 Gallons
East Maui Irrigation	2,634,661	\$158,871	\$0.060
Wailuku Agribusiness	101,972	18,964	0.186
Maui Land & Pine	846,126	42,306	0.050
Hawaiian Home Lands	11,963	17,500	1.460
R.W. Meyers	3,198	1,279	0.400
HC&S	113,095	28,082	0.248
Total	3,711,015	\$267,002	\$0.072
District			
Wailuku	215,067	\$47,047	\$0.219
Kula	1,639,509	98,862	0.060
Makawao	987,191	59,528	0.060
Lahaina	846,126	42,306	0.050
Hana	7,961	480	0.060
Molokai	15,161	18,779	1.239
Total	3,711,015	\$267,002	\$0.072

SOURCE: County of Maui, Department of Water Supply, *Annual Report FY 2004*.

7.1.10

**WATER SALES TO GENERAL AND AGRICULTURAL
CONSUMERS BY DISTRICT & SYSTEMS,
MAUI COUNTY FY JULY 2003 - JUNE 2004**

System	Services	Change from FY 2003	Consumption (1,000 gallons)	Change from FY 2003 (1,000 gallons)
Wailuku District				
Wailuku	5,150	51	1,202,221	(50,357)
Waihee	189	4	24,200	(1,889)
Waikapu	327	26	47,914	(3,790)
Wailuku Heights	472	6	78,465	(14,787)
Kahului	4,530	28	1,533,709	(195,091)
Puunene	10	0	29,886	(8,512)
Kihei	5,565	283	3,946,031	29,914
Maalaea	45	0	80,793	(2,846)
Makena	164	5	218,190	13,410
Paia-Kuau	886	30	163,271	(2,763)
Spreckelsville	171	6	77,520	(9,672)
Subtotal	17,509	439	7,402,200	(246,383)
Makawao District				
Kokomo-Kaupakalua	1,079	69	178,073	(3,128)
Kuiaha	303	4	58,133	5,375
Haiku-Pauwela	837	12	146,674	8,885
Makawao	1,980	5	348,717	(8,644)
Pukalani	2,040	20	370,656	(12,982)
Hailiimaile	201	1	38,301	2,488
Upper Kula	1,920	28	439,704	(65,069)
Lower Kula	1,084	8	758,392	(37,674)
Ulupalakua	79	3	55,254	(14,260)
Kula Agr. Park	40	3	192,208	(825)
Subtotal	9,563	153	2,586,112	(125,834)
Lahaina District				
Lahaina	1,973	3	891,755	(26,027)
Honokowai	430	17	642,345	58,859
Alaeloa	745	34	504,055	79,209
Honokohau	13	0	1,604	158
Subtotal	3,161	54	2,039,759	112,189
Molokai District				
Kawela-Kaunakakai	1,130	16	231,602	(16,129)
Ualapue	350	1	83,722	4,802
Kalae	107	0	15,790	4,615
Halawa	8	0	125	(147)
Subtotal	1,595	17	331,239	(6,859)
Hana District				
Hana	381	1	57,017	1,150
Nahiku	35	1	4,770	1,248
Keanae	80	0	13,084	5,005
Kaupo	20	(1)	1,457	144
Subtotal	516	1	76,328	7,547
Total	32,344	664	12,435,638	(259,340)

SOURCE: County of Maui, Department of Water Supply, *Annual Report FY 2004*.

7.1.11

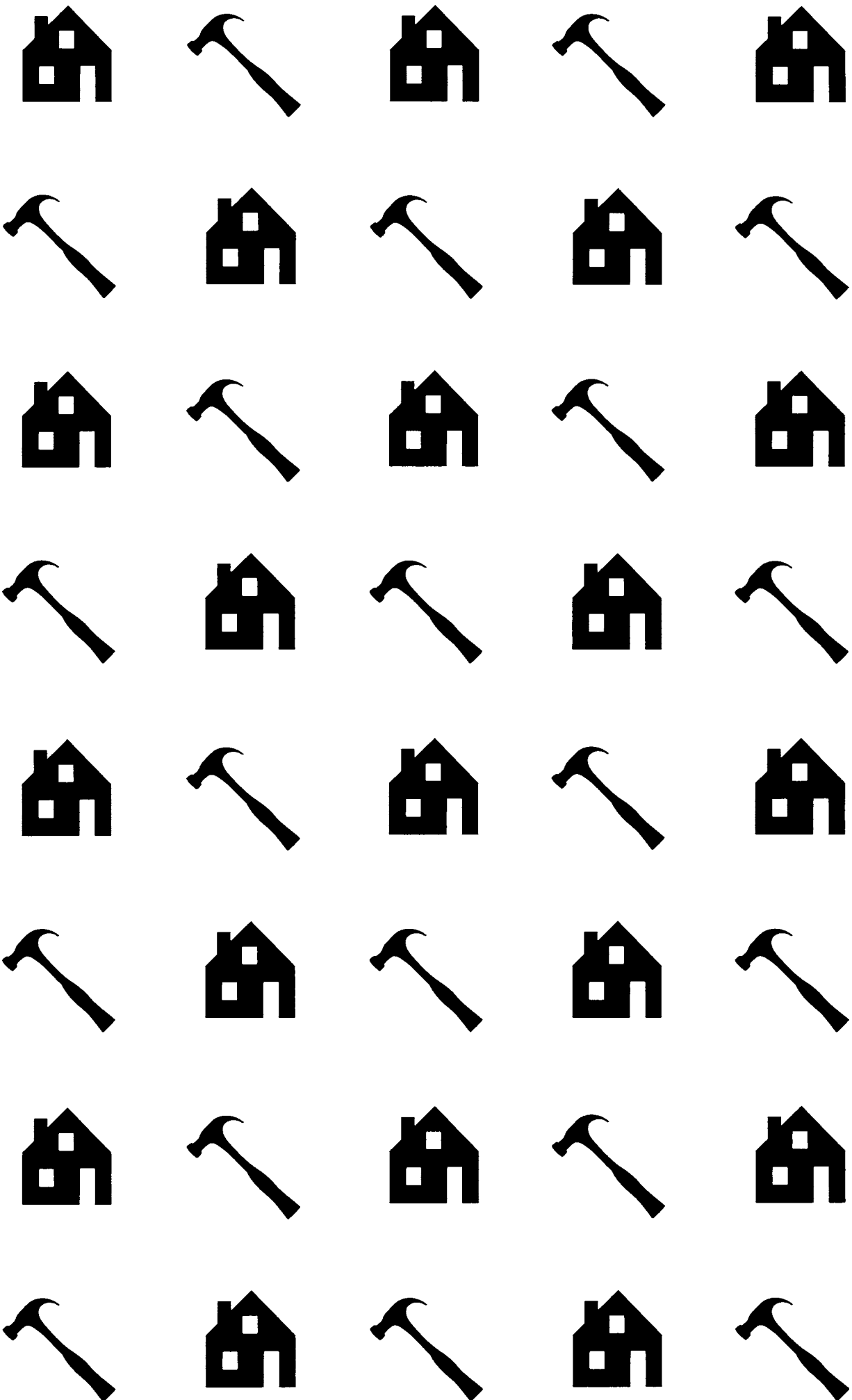
**WATER CONSUMPTION BY DISTRICT,
MAUI COUNTY FY JULY 2003 - JUNE 2004**

1,000 GALLONS

Months	Total	Wailuku	Makawao	Kula	Lahaina	Molokai	Hana
General							
July-August	2,131,709	1,348,233	201,404	113,344	389,074	66,910	12,744
September-October	2,220,856	1,383,279	180,690	109,377	464,723	71,300	11,487
November-December	1,911,047	1,258,680	214,485	94,462	271,680	59,629	12,111
January-February	1,510,225	1,049,842	135,691	74,768	191,955	44,684	13,285
March-April	1,734,934	1,058,888	162,674	68,616	389,952	43,350	11,454
May-June	1,733,885	1,133,666	147,999	80,245	322,389	36,242	13,344
Total	11,242,656	7,232,588	1,042,943	540,812	2,029,773	322,115	74,425
Agricultural							
July-August	256,504	30,681	19,814	201,007	2,095	2,361	546
September-October	268,213	30,413	17,384	215,053	2,710	2,553	100
November-December	221,785	30,352	22,989	165,043	1,406	1,702	293
January-February	152,529	26,904	14,378	108,827	907	1,246	267
March-April	148,680	27,781	12,838	106,133	1,481	330	117
May-June	145,271	23,481	10,771	108,120	1,387	932	580
Total	1,192,982	169,612	98,174	904,183	9,986	9,124	1,903
Grand Total	12,435,638	7,402,200	1,141,117	1,444,995	2,039,759	331,239	76,328

SOURCE: County of Maui, Department of Water Supply, *Annual Report FY 2004*.

Construction & Housing



Section 8

CONSTRUCTION & HOUSING

Statistics on building permits, construction authorizations and modifications for both public and private projects are covered in this section. Tenure and control of real property is reflected here, as are Maui's housing characteristics by division and census designated place.

There are approximately 56,000 housing units on Maui of which around 25,000 (44%) are owner-occupied. 2,472 building permits were issued in 2004.

8.1.1

NUMBER AND VALUE OF BUILDING PERMITS, MAUI COUNTY

Ending December 31

Year	Number Issued	Estimated Value (\$1,000)
1992	3,020	234,124
1993	2,593	288,753
1994	2,606	252,547
1995	2,030	253,805
1996	2,369	195,916
1997	2,254	193,129
1998	2,338	207,498
1999	2,365	250,486
2000	2,294r	355,360r
2001	2,012r	312,737r
2002	1,915	273,716
2003	2,199r	469,277r
2004	2,472	448,831

r: Revised from previous Data Book.

SOURCE: Maui County, Development Services Administration, Department of Public Works and Environmental Management, records.

8.1.2

VALUE OF BUILDING PERMITS, MAUI COUNTY

In thousands of dollars

Category	2001	2002	2003	2004
Residential	86,548	186,622	271,286r	285,212
Hotel	34,000	0	0	43,000
Non-residential	52,619	38,384	150,423r	58,757
Additions and alterations	39,570	48,710	47,568r	61,862
Total	312,737	273,716	469,277r	448,831

r: Revised from Previous Data Book.

SOURCE: Compiled monthly from county building departments by the Hawaii State Department of Business, Economic Development & Tourism 2001 - 2004, Maui County, Development Services Administration, Department of Public Works and Environmental Management, 2004 records.

8.1.3

PRIVATE RESIDENTIAL CONSTRUCTION AUTHORIZATIONS, MAUI COUNTY

	2000	2001	2002	2003	2004
Authorized Housing Units					
New single-family units	904	778	787	877	1,104
New multi-family units	239	277	397	211	379
Total	1,143	1,055	1,184	1,088	1,483
Permit Value (\$)					
New single-family units	158,200,160	120,382,575	161,781,500	149,660,471	188,003,293
New multi-family units	50,656,320	19,974,528	24,705,968	16,235,608	31,176,018
Total	208,856,480	140,357,103	186,487,468	165,896,079	219,179,311

SOURCE: U.S. Census Bureau, *Monthly New Privately-Owned Residential Building Permits, Maui County, 2000-2004*.

8.1.4

PRIVATE RESIDENTIAL CONSTRUCTION AND DEMOLITION AUTHORIZED BY PERMITS, MAUI COUNTY

Year	New One Family Dwellings	New Duplex Units	New Apartments	Units Demolished ¹
1996	608	7	16	109
1997	574	2	147	40
1998	563	438	40	42
1999	650	42	218	86
2000	842	24	245	37
2001	767	28	253	43
2002	807	36	371	34
2003	889	6	206	47
2004 ¹	1,158	28	368	NA

[†] Revised from previous Data Book.

NA: Not available.

¹ Annual survey data from Maui County not available. Alternate county data compiled by DBEDT utilized.

SOURCE: Compiled from county building departments by the Hawaii State Department of Business, Economic Development & Tourism.

8.1.5

LARGEST RESIDENTIAL CONSTRUCTION PROJECTS, MAUI COUNTY

Project	Building Permit Value	Description	Completion Date
2003			
Napali Villas, Phase I, II, III	\$21,000,000	184 Multi-family units	Aug. 2003
Villas at Kenolio	\$15,000,000	140 units, 16 buildings	Jun. 2004
Grand Fairways & Islands (Maui Lani)	\$4,564,079	House & Lot Packages	DND
CCG Residence	\$334,000	Single Family Residence	Sep. 2003
AM Residence	\$300,000	Single Family Residence	May. 2003
2004			
Villas at Kenolio	\$15,000,000	140 units, 16 buildings	Jun. 2004
West Side Resource Center	\$6,845,000	Resource Center	Feb. 2004

DND: Did not disclose.

SOURCE: "Residential Construction Projects," Pacific Business News, *Book of List 2004 and 2005*.

8.1.6

LARGEST COMMERCIAL CONSTRUCTION PROJECTS, MAUI COUNTY

Project	Building Permit Value	Description	Completion Date
Kaanapali Ocean Resort, Phase II	\$65,719,801	177 units Hotel and Time Share	Mar. 2005
Kamehameha Schools, Phase III	\$64,000,000	New High School	Jul. 2005
Kamehameha Schools, Phase IV	\$29,000,000	New High School	Mar. 2005
Maui Army National Guard	\$10,500,000	New Armory	Jun. 2004
Kaiser Medical Clinic	\$5,000,000	New Clinic	Oct. 2004
Lanai Police Station	\$4,000,000	New Police Station	Jul. 2004
Kahului Airport Terminal Phase 1A	\$1,900,000	Airport Improvements	Jan. 2005

SOURCE: "Commercial Construction Projects," Pacific Business News, *Book of List 2005*.

8.1.7

PLANNED ADDITIONS TO AND SUBTRACTIONS FROM MAUI VISITOR INDUSTRY PLANT SUPPLY 2004

Name of Facility	Planned Type	Planned Units	Developer
Kaanapali Ocean Resort	Timeshare	280	Starwood Hotels
Kahului Airport Hotel	Hotel	140	A&B Properties, Inc.
Maui Ocean Club Sequel International	Timeshare	143	Marriott Vacation Club
Maui Palms Redevelopment	Hotel	136	NA
Kapalua Bay Hotel North Wing Expansion	Hotel	128	YCP Kapalua, L.P.
Westin Kaanapali Ocean Resort Villas Expansion Project	Timeshare	258	SVO Pacific Inc., a subsidiary of Starwood Hotels
Honua Kai Project (Kaanapali)	Hotel & Townhouses	628 Hotel Units & 72 Townhouses	Intrawest
Maui Lu Resort	Timeshare	388	NA

NA: Not available.

SOURCE: Hawaii State Department of Business, Economic Development & Tourism, Research and Economic Analysis Division, 2004 Visitor Plan Inventory, Table 10.

8.1.8

AVERAGE WEEKLY WAGES FOR CONSTRUCTION INDUSTRIES, MAUI COUNTY - 2004

Industry	Number of Establishments	Average Employment	Total Wages	Average Weekly Wages
Construction	471	3,082	\$143,841,437	\$898
Construction of Buildings	166	1,039	\$47,095,721	\$872
Residential Building Construction	131	607	\$23,722,428	\$752
Nonresidential Building Construction	35	432	\$23,373,293	\$1,040
Heavy and Civil Engineering Construction	37	399	\$27,046,691	\$1,304
Land Subdivision	18	74	\$5,842,604	\$1,518
Highway, Street, and Bridge Construction	9	301	\$20,437,251	\$1,306
Specialty Trade Contractors	268	1,644	\$69,699,025	\$815
Building Foundation/Exterior Contractors	52	367	\$15,844,962	\$830
Building Equipment Contractors	93	595	\$26,696,018	\$863
Building Finishing Contractors	81	407	\$16,004,585	\$756
Other Specialty Trade Contractors	42	275	\$11,153,460	\$780

SOURCE: State of Hawaii, Department of Labor and Industrial Relations, Research and Statistics Office.

8.1.9

**BUILDING PERMITS ISSUED,
MAUI COUNTY CALENDAR YEAR 2004**

Types of Permits	No. of Permits	No. of Units	Valuation
Single Family, Detached	1,122	1,122	\$235,711,226.00
Single Family, Attached	3	6	\$5,400,000.00
Two Family Buildings	11	22	\$2,835,880.00
Three and Four Family Buildings	24	96	\$13,091,520.00
Five or More Family Buildings	17	275	\$21,834,980.00
Hotels, Motels, and Tourist Cabins	2		\$43,000,000.00
Churches and Other Religious	6		\$9,782,000.00
Industrial	1		\$15,000.00
Offices, Banks, and Professional	5		\$2,163,450.00
Schools and Other Educational	4		\$11,449,990.00
Stores and Customer Services	16	3	\$11,304,600.00
Other Non-Residential Bldgs.	119		\$9,966,674.00
Structures Other than Bldgs.	203		\$15,069,917.00
Residential - (Add, Alter, Convert)	644	27	\$34,528,409.29
Commercial - (Add, Alter, Convert)	164		\$29,529,146.89
Additions of Residences Garages/Carport	93		\$3,136,641.00
Demo - Single Family Homes	41	41	\$324,800.00
Demo - Two Family Bldgs.	1	2	\$25,000.00
Demo - All Other Bldgs. & Structure	28		\$378,900.00
Repairs to Dwellings	40		\$1,055,879.00
Repairs to Other Bldgs.	31		\$3,032,156.00
Relocate Residential Bldgs.	2		\$50,500.00
Relocate Garages & Other Bldgs.	2	2	\$22,882.00
Fences, Retaining Wall, Seawalls, etc.	152		\$5,391,078.00
Mechanical Work	2		\$616,583.00
Temporary Structures (Tents, Booths, etc.)	102		\$718,484.00
TOTAL:	2,835		\$460,435,696.18

SOURCE: County of Maui, Department of Public Works, records.

8.1.10

**CONSTRUCTION ESTABLISHMENTS BY TYPE
AND LOCATION, MAUI COUNTY**

Based on primary North American Industry Classification System (NAICS) code and zip code

Establishment Type	Location / Number		Location / Number		Location / Number		Totals	
Land subdivision & land development (NAICS 2331—)								
Hana	1	Makawao	3	Wailuku	2			
Lahaina	2						Total	8
Residential building construction (NAICS 2332—)								
Haiku	14	Kula	15	Wailuku	15			
Hana	2	Lahaina	11	Kaunakakai	2			
Kahului	10	Makawao	17	Kualapuu	2		Maui subtotal	116
Kihei	28	Paia	4	Lanai City	1		Total	121
Nonresidential building construction (NAICS 2333—)								
Haiku	3	Kula	1	Wailuku	5			
Kahului	7	Lahaina	1					
Kihei	4	Makawao	1				Total	22
Heavy construction (NAICS 234—)								
Kahului	8	Kula	1	Wailuku	4			
Kihei	2	Lahaina	2				Total	17
Plumbing, heating & AC contractors (NAICS 2351—)								
Haiku	2	Kula	2	Makawao	4			
Kahului	16	Lahaina	6	Wailuku	5			
Kihei	14						Total	49
Painting & wall covering contractors (NAICS 2352—)								
Haiku	1	Kula	3	Paia	1			
Kahului	3	Lahaina	3	Wailuku	5			
Kihei	8	Makawao	4	Kualapuu	1		Maui subtotal	28
							Total	29
Electrical contractors (NAICS 2353—)								
Haiku	1	Kula	2	Wailuku	10			
Hana	1	Lahaina	3	Hoolehua	1			
Kahului	10	Makawao	4	Kaunakakai	1		Maui subtotal	38
Kihei	7						Total	40
Masonry, drywall, insulation, tile contractors (NAICS 2354—)								
Haiku	3	Kula	4	Makawao	6			
Kahului	4	Lahaina	2	Wailuku	7			
Kihei	6						Total	32
Carpentry & floor contractors (NAICS 2355—)								
Haiku	3	Kula	2	Wailuku	5			
Kahului	4	Lahaina	3	Kualapuu	1		Maui subtotal	33
Kihei	10	Makawao	6				Total	34
Roofing, Siding, & Sheet metal contractors (NAICS 2356--)								
Haiku	3	Kula	1	Paia	1			
Kahului	3	Makawao	2	Wailuku	4			
Kihei	3						Total	17
Excavation contractors (NAICS 235930)								
Kahului	1	Kula	1	Wailuku	1			
Kihei	3	Makawao	1				Total	7
Other special trade contractors (NAICS 2357—, 58—, 59— except 235930)								
Haiku	1	Kula	2	Makawao	2			
Kahului	11	Lahaina	6	Wailuku	9			
Kihei	9						Total	40
							Grand Total	416

NOTE: Pukalani combined with Makawao, and Puunene combined with Kahului.

SOURCE: U.S. Department of Commerce, U.S. Census Bureau, *Zip Code Business Patterns 2003*, on CD-ROM.

8.1.11

ESTIMATED VALUE OF LAND TRANSACTIONS, BY COUNTY

In thousands of dollars

Year	Maui County	Hawaii County	Kauai County	City and County of Honolulu	State Total
1970	76,462	111,239	24,522	668,003	880,226
1971	71,480	131,267	28,247	812,545	1,043,539
1972	114,634	170,995	80,274	1,142,699	1,508,602
1973	189,958	212,170	85,687	1,441,073	1,928,888
1974	183,760	156,682	65,518	1,305,257	1,711,217
1975	194,478	138,289	47,790	1,064,559	1,445,116
1976	222,214	141,779	56,088	1,312,981	1,733,062
1977	384,122	209,366	87,570	1,471,172	2,152,230
1978	581,485	288,886	162,725	2,017,774	3,050,870
1979	643,711	545,192	277,753	3,009,059	4,475,715
1980	611,607	546,141	317,869	2,749,190	4,224,807
1981	424,994	397,740	298,858	2,078,739	3,200,331
1982	602,464	293,310	203,575	1,911,711	3,011,060
1983	423,712	359,695	154,878	2,333,882	3,272,167
1984	610,385	467,052	137,773	2,549,352	3,764,563
1985	562,563	359,835	274,002	2,581,678	3,778,078
1986	1,080,487	620,157	326,870	4,182,294	5,911,973
1987	1,169,182	641,667	388,442	4,820,850	7,020,141
1988	1,344,818	971,541	446,136	6,705,645	9,468,113
1989	2,446,997	1,671,483	669,875	8,514,926	13,303,281
1990	2,046,874	2,893,086	558,462	8,764,532	14,262,954
1991	1,028,857	983,728	676,826	4,793,933	7,483,344
1992	1,027,394	886,726	345,950	5,590,377	7,850,447
1993	1,753,255	1,345,225	551,138	8,621,058	12,270,676
1994	1,441,528	1,120,254	677,991	7,461,624	10,701,398
1995	847,727	849,799	261,990	4,465,410	6,424,925
1996	990,129	786,192	376,776	3,640,154	5,793,252
1997	1,057,281	851,136	347,399	4,042,187	6,298,003
1998	1,971,082	1,066,148	499,285	3,904,127	7,440,642
1999	1,683,688	1,201,547	589,624	4,836,187	8,311,047
2000	2,316,618	1,548,501	685,700	5,138,547	9,689,367
2001	2,131,623	1,786,101	802,516	5,447,028	10,167,267
2002	2,164,631	2,053,321	810,053	5,783,195	10,811,198
2003	3,687,957	2,269,635	1,081,279	8,605,070	15,643,941

SOURCE: Hawaii State Department of Land and Natural Resources, Bureau of Conveyances, records.

8.2.1

SUMMARY HOUSING CHARACTERISTICS, BY COUNTY

Data includes some condominium units used or intended for use by transients

2000					
Characteristic	State Total	Hawaii	Honolulu	Kauai	Maui¹
All housing units	460,542	62,674	315,988	25,331	56,549
Percent					
Structure built 1990-2000	18.1	26	14.6	29.4	23.8
Structure built before 1940	4.7	6.7	4.4	5.3	4.1
Lacking complete plumbing	1	2.7	0.6	0.9	1
Lacking complete kitchen facilities	1.4	3	1.2	1.6	1.1
Percent with no telephone service ²	2	3.3	1.7	2.2	2.4
Median number of rooms	4.3	4.6	4.3	4.6	4.0 ³
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	788 ³
Rent was 35 percent or more of household income	50,848	5,637	37,543	2,320	5,348

¹ Includes Kalawao County (172 housing units), not shown separately.

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).

8.2.2

SELECTED HOUSING CHARACTERISTICS, MAUI COUNTY

Data include some condominium units used or intended for use by transients

2000	Maui County	Kalawao County
All Housing Units	56,377	172
Units in Structure		
1 unit, detached	31,593	125
1 unit, attached	3,497	0
2 to 4 units	2,887	21
5 to 9 units	7,191	13
10 or more units	11,058	13
Mobile home, boat, other	151	0
Median Number of Rooms	4.0	2.0
Occupied Housing Units		
Total	43,507	115
With 1.01 or more persons per room	7,166	0
Vacant Housing Units		
Total	12,870	57
For seasonal, recreational, or occasional use	9,746	31
Percent of all vacant units	75.7	54.4
Homeowner Vacancy Rate	1.2	100.0
Rental Vacancy Rate	7.2	0.0
Owner-Occupied Housing Units		
Total	25,039	0
Percent of All Occupied Units	57.6	0.0
Average Household Size	3.13	0.00
Value of Specified Owner-Occupied Housing Units¹		
Total	19,953	0
Less than \$100,000	794	0
\$100,000 to \$199,999	5,292	0
\$200,000 to \$299,999	7,455	0
\$300,000 to \$499,999	4,348	0
\$500,000 to \$999,999	1,511	0
\$1,000,000 or more	553	0
Median (dollars)	249,900	0
Renter-Occupied Housing Units		
Total	18,468	115
Average Household Size	2.62	1.28
Gross Rent of Specified Renter-Occupied Units²		
Total	18,319	115
Less than \$300	1,055	13
\$300 to \$499	1,754	0
\$500 to \$749	4,829	25
\$750 to \$999	5,267	0
\$1,000 to \$1,499	3,109	0
\$1,500 or more	971	0
No cash rent	1,334	77
Median (dollars)	788	525

¹ House and lot. Data limited to owner-occupied, one-family, attached and detached houses on less than 10 acres without a business or medical office on the property.

² Includes utilities if paid by renter; excludes one-family, attached and detached houses on 10 acres or more.

SOURCE: U.S. Census Bureau, *Census 2000 Profile of General Demographic Characteristics, Hawaii (DP-1)* and *Profile of Selected Housing Characteristics, Hawaii (DP-4)*.

8.2.3

**HOUSING UNIT CHARACTERISTICS OF
CENSUS DESIGNATED PLACES (CDP),
MAUI COUNTY**

2000	ALL HOUSING UNITS		OCCUPIED HOUSING UNITS	
	Total	Median Number of Rooms	Total	More than One Person per Room
Maui County	56,377	4.0	43,507	7,166
Kalawao County (Kalaupapa)	172	2.0	115	0
Maui Island				
Haiku-Pauwela CDP	2,455	4.6	2,311	313
Haliimaile CDP	260	4.9	254	45
Hana CDP	239	3.5	184	63
Kaanapali CDP	1,770	3.4	550	2
Kahului CDP	6,044	4.0	5,861	1,464
Kapalua CDP	844	3.5	169	22
Kihei CDP	9,401	3.5	6,178	924
Lahaina CDP	3,056	4.3	2,631	642
Maalaea CDP	599	3.5	261	7
Makawao CDP	2,218	4.5	2,154	288
Napili-Honokowai CDP	4,673	3.1	2,624	411
Paia CDP	891	4.7	784	107
Pukalani CDP	2,543	5.0	2,463	365
Waihee-Waiehu CDP	1,889	5.0	1,864	448
Waikapu CDP	360	5.3	351	46
Wailea-Makena CDP	4,871	4.0	2,510	147
Wailuku CDP	4,820	4.4	4,556	691
Molokai				
Kalawao County (Kalaupapa)	172	2.0	115	0
Kaunakakai CDP	962	4.2	872	209
Kualapuu CDP	591	4.8	568	145
Maunaloa CDP	88	4.7	62	17
Lanai				
Lanai City CDP	1,354	3.9	1,161	269

SOURCE: U.S. Census Bureau, *Census 2000 Profile of Selected Housing Characteristics, Hawaii (DP-4)*.

8.2.4

VACANT HOUSING UNIT CHARACTERISTICS BY CENSUS DESIGNATED PLACE (CDP), MAUI COUNTY

2000	All Housing Units	VACANT HOUSING UNITS			
		Total	Seasonal, Recreational or Occasional	Homeowner Vacancy Rate	Rental Vacancy Rate
Maui County	56,377	12,870	9,746	1.2	7.2
Kalawao County (Kalaupapa)	172	57	31	100.0	0.0
Maui Island					
Haiku-Pauwela CDP	2,454	144	63	0.8	2.2
Haliimaile CDP	260	6	0	0.6	1.3
Hana CDP	253	62	18	2.3	30.3
Kaanapali CDP	1,775	1,238	1,205	2.6	6.2
Kahului CDP	6,079	199	29	0.4	2.0
Kapalua CDP	831	645	457	2.4	71.1
Kihei CDP	9,170	3,000	2,442	1.7	8.0
Lahaina CDP	3,027	428	322	0.4	5.3
Maalaea CDP	600	337	272	0.0	33.3
Makawao CDP	2,222	71	20	0.9	1.2
Napili-Honokowai CDP	4,681	2,052	1,704	0.4	13.6
Paia CDP	890	107	63	1.3	6.5
Pukalani CDP	2,522	83	18	1.0	1.6
Waihee-Waiehu CDP	1,909	45	4	0.7	2.3
Waikapu CDP	360	13	0	1.5	2.4
Wailea-Makena CDP	5,099	2,579	2,401	4.5	2.5
Wailuku CDP	4,780	245	52	1.2	3.7
Molokai					
Kalawao County (Kalaupapa)	172	57	31	100.0	0.0
Kaunakakai CDP	962	95	28	2.4	7.7
Kualapuu CDP	592	28	7	1.1	6.8
Maunaloa CDP	91	26	1	33.3	24.0
Lanai					
Lanai City CDP	1,343	195	66	0.9	7.1

SOURCE: U.S. Census Bureau, *Census 2000 Profiles of General Demographic Characteristics, Hawaii (DP-1)*.

8.2.5

OCCUPIED HOUSING UNIT CHARACTERISTICS BY CENSUS DESIGNATED PLACE (CDP), MAUI COUNTY

2000	All Housing Units	OCCUPIED HOUSING UNITS			AVERAGE HOUSEHOLD SIZE	
		Total	by Owner	by Renter	Owner- Occupied Units	Renter- Occupied Units
Maui County	56,377	43,507	25,039	18,468	3.13	2.62
Kalawao County (Kalaupapa)	172	115	0	115	0.00	1.28
Maui Island						
Haiku-Pauwela CDP	2,454	2,310	1,416	894	3.01	2.54
Haliimaile CDP	260	254	176	78	3.45	3.68
Hana CDP	253	191	129	62	3.84	3.44
Kaanapali CDP	1,775	537	416	121	2.58	2.48
Kahului CDP	6,079	5,880	3,190	2,690	3.43	3.13
Kapalua CDP	831	186	120	66	2.35	2.80
Kihei CDP	9,170	6,170	3,007	3,163	3.00	2.42
Lahaina CDP	3,027	2,599	1,393	1,206	4.05	2.87
Maalaea CDP	600	263	151	112	1.74	1.71
Makawao CDP	2,222	2,151	1,207	944	3.18	2.63
Napili-Honokowai CDP	4,681	2,629	1,128	1,501	2.92	2.32
Paia CDP	890	783	523	260	3.26	2.78
Pukalani CDP	2,522	2,439	1,600	839	3.13	2.84
Waihee-Waiehu CDP	1,909	1,864	1,526	338	4.07	3.21
Waikapu CDP	360	347	264	83	3.26	3.07
Wailea-Makena CDP	5,099	2,520	1,386	1,134	2.34	2.14
Wailuku CDP	4,780	4,535	2,675	1,860	2.87	2.49
Molokai						
Kalawao County (Kalaupapa)	172	115	0	115	0.00	1.28
Kaunakakai CDP	962	867	531	336	3.34	2.79
Kualapuu CDP	592	564	441	123	3.49	3.22
Maunaloa CDP	91	65	8	57	4.63	3.39
Lanai						
Lanai City CDP	1,343	1,148	571	577	2.91	2.59

SOURCE: U.S. Census Bureau, *Census 2000 Profiles of General Demographic Characteristics, Hawaii (DP-1)*.

8.2.6

**OWNER-OCCUPIED HOUSING UNIT VALUES BY
CENSUS DESIGNATED PLACE (CDP), MAUI COUNTY**

2000	SPECIFIED OWNER-OCCUPIED HOUSING UNITS						
	Total	Less than \$100,000	\$100,000 to \$199,000	\$200,000 to \$299,000	\$300,000 to \$499,000	\$500,000 to \$999,000	\$1,000,000 or more
Maui County	19,953	794	5,292	7,455	4,348	1,511	553
Kalawao County (Kalaupapa)	0	0	0	0	0	0	0
Maui Island							
Haiku-Pauwela CDP	1,171	20	234	329	368	210	10
Haliimaile CDP	169	12	74	73	10	0	0
Hana CDP	126	12	41	41	21	7	4
Kaanapali CDP	190	0	7	11	21	112	39
Kahului CDP	2,827	41	977	1,444	359	6	0
Kapalua CDP	49	2	3	6	12	3	23
Kihei CDP	1,755	23	396	912	348	8	68
Lahaina CDP	1,331	37	249	641	278	67	59
Maalaea CDP	13	0	3	3	0	3	4
Makawao CDP	1,117	36	327	513	197	40	4
Napili-Honokowai CDP	631	0	38	311	199	50	33
Paia CDP	477	14	204	167	41	32	19
Pukalani CDP	1,483	38	222	789	423	11	0
Waihee-Waiehu CDP	1,433	31	615	567	190	22	8
Waikapu CDP	258	9	71	131	45	2	0
Wailea-Makena CDP	855	0	27	131	251	351	95
Wailuku CDP	2,070	109	568	711	530	124	28
Molokai							
Kalawao County (Kalaupapa)	0	0	0	0	0	0	0
Kaunakakai CDP	493	59	353	67	9	5	0
Kualapuu CDP	340	126	158	29	14	9	4
Maunaloa CDP	7	2	5	0	0	0	0
Lanai							
Lanai City CDP	547	114	339	63	14	9	8

SOURCE: U.S. Census Bureau, *Census 2000 Profile of Selected Housing Characteristics, Hawaii (DP-4)*.

8.2.7

RENTER-OCCUPIED HOUSING UNIT CHARACTERISTICS BY CENSUS DESIGNATED PLACE (CDP), MAUI COUNTY

2000 Division and Place	ALL RENTER-OCCUPIED HOUSING UNITS			
	Total	One Unit, Detached or Attached	Persons Per Unit	Mean Number of Rooms
Maui County Total	14,062	9,423	2.66	3.6
Haiku-Pauwela division	764	713	2.70	3.7
Haiku-Pauwela CDP	614	570	2.68	3.8
Hana division	257	234	2.75	3.3
Hana CDP	69	59	3.06	3.5
Kahului division	1,996	1,397	2.91	3.4
Kahului CDP (part)	1,996	1,397	2.91	3.4
Kihei division	2,412	1,301	2.46	3.5
Kihei CDP	2,074	1,163	2.48	3.5
Maalaea CDP	117	11	1.86	3.0
Wailea-Makena CDP (part)	219	125	2.59	4.2
Kula division	1,217	1,088	2.40	3.8
Wailea-Makena CDP (part)	479	394	2.20	3.6
Lahaina division	2,564	1,041	2.56	3.3
Kaanapali CDP	88	20	2.27	3.7
Kapalua CDP	51	12	2.16	3.4
Lahaina CDP	1,313	802	2.91	3.6
Napili-Honokowai CDP	1,087	187	2.16	2.8
Makawao-Paia division	1,684	1,547	2.80	4.1
Haliimaile CDP	58	54	3.40	3.8
Makawao CDP	637	583	2.83	4.1
Paia CDP	200	175	2.53	4.1
Pukalani CDP	626	590	2.95	4.2
Puunene division	47	43	3.21	4.6
Kahului CDP (part)	47	43	3.21	4.6
Spreckelsville division	37	36	2.11	4.1
Kahului CDP (part)	–	–	–	–
Waihee-Waikapu division	191	170	3.24	4.2
Waihee-Waiehu CDP (part)	84	74	3.19	4.1
Waikapu CDP	72	64	3.01	4.2
Wailuku CDP (part)	10	9	3.30	5.8
Wailuku division	1,758	955	2.64	3.4
Waihee-Waiehu CDP (part)	115	102	3.43	4.0
Wailuku CDP (part)	1,643	853	2.58	3.4
East Molokai division	511	361	2.65	3.3
Kaunakakai CDP	304	203	2.40	3.5
West Molokai division	239	212	3.35	4.0
Kualapuu CDP	98	98	3.50	3.5
Maunaloa CDP	118	106	3.43	4.6
Lanai division	385	325	2.73	4.3
Lanai City CDP	376	318	2.74	4.3

SOURCE: U.S. Census Bureau, 2000 *Census of Population and Housing, Summary Population and Housing Characteristics, Hawaii..*

8.2.8

GROSS RENT OF RENTER-OCCUPIED HOUSING UNITS BY CENSUS DESIGNATED PLACE (CDP), MAUI COUNTY

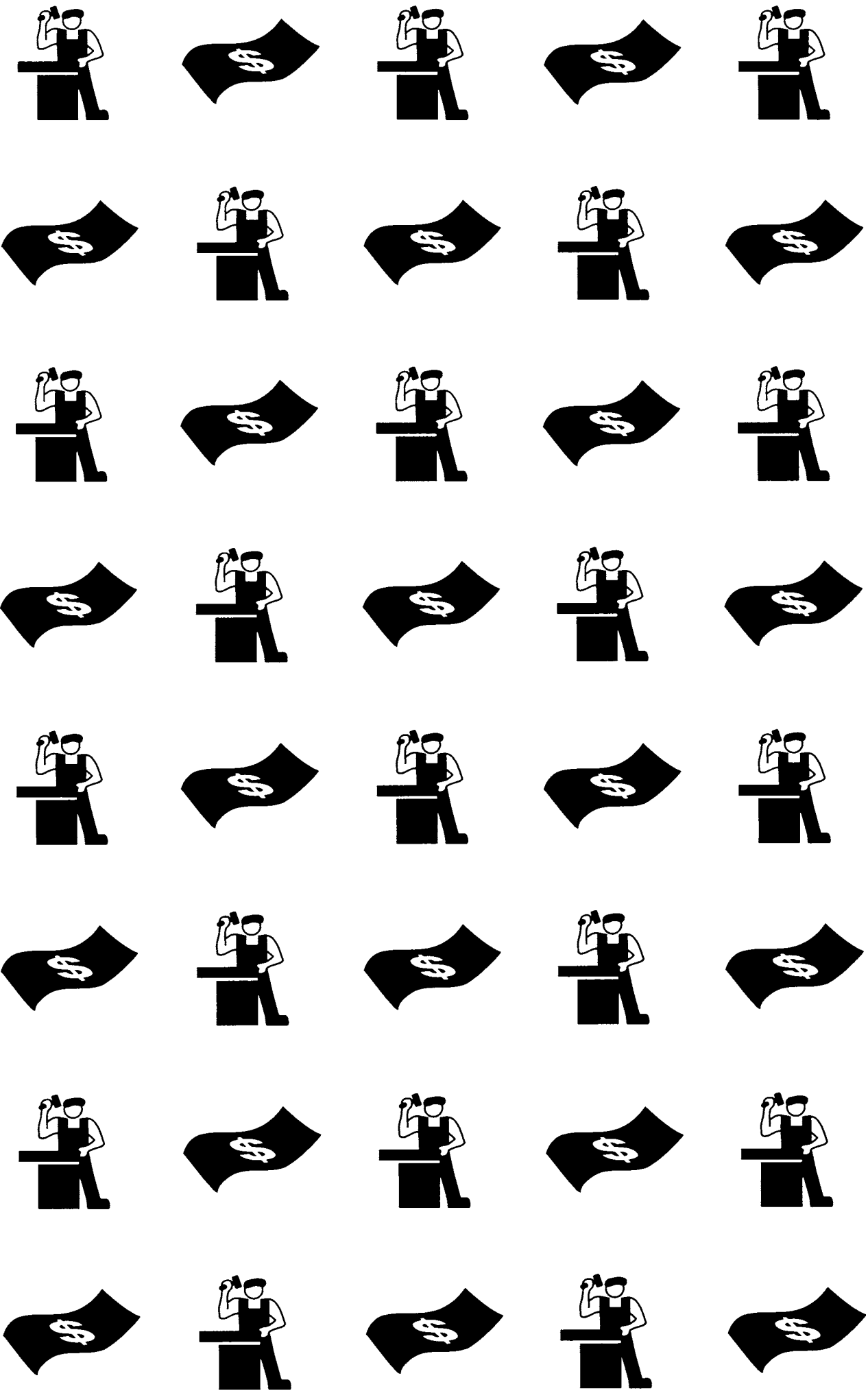
2000	SPECIFIED RENTER-OCCUPIED HOUSING UNITS PAYING CASH RENT						
	Total	Less than \$300 ¹	\$300 to \$499	\$500 to \$749	\$750 to \$999	\$1,000 to \$1,499	\$1,500 or more
Maui County	18,319	2,389	1,754	4,829	5,267	3,109	971
Kalawao County (Kalaupapa)	115	90	0	25	0	0	0
Maui Island							
Haiku-Pauwela CDP	917	139	46	219	334	144	35
Haliimaile CDP	74	16	15	7	17	17	2
Hana CDP	49	8	8	23	5	3	2
Kaanapali CDP	149	15	0	3	0	26	105
Kahului CDP	2,672	502	358	1,008	480	297	27
Kapalua CDP	52	2	3	13	6	13	15
Kihei CDP	3,142	162	188	874	1,190	632	96
Lahaina CDP	1,190	142	130	207	371	237	103
Maalaea CDP	144	20	0	23	59	39	3
Makawao CDP	959	134	84	174	341	163	63
Napili-Honokowai CDP	1,490	109	62	321	656	260	82
Paia CDP	265	27	28	79	46	68	17
Pukalani CDP	850	64	21	202	230	251	82
Waihee-Waiehu CDP	331	129	20	63	52	37	30
Waikapu CDP	73	5	9	28	21	10	0
Wailea-Makena CDP	1,127	103	9	164	430	279	142
Wailuku CDP	1,877	231	227	811	374	197	37
Molokai							
Kalawao County (Kalaupapa)	115	90	0	25	0	0	0
Kaunakakai CDP	337	107	69	86	65	10	0
Kualapuu CDP	115	41	10	37	21	6	0
Maunaloa CDP	55	3	9	33	7	3	0
Lanai							
Lanai City CDP	584	119	270	109	69	17	0

¹ Includes no cash rent.

SOURCE: U.S. Census Bureau, *Census 2000 Profile of Selected Housing Characteristics, Hawaii (DP-4)*.



Finance & Labor



Section 9

FINANCE & LABOR

Part one of this section presents statistics on the financial institutions on Maui. Part two includes figures for Maui County's labor force.

The civilian labor force for 2004 was 74,050 and the number of employed was 71,800. The unemployment rate decreased 0.6% between 2003 and 2004.

Data for this section came from the Hawaii State Department of Business, Economic Development and Tourism, the Hawaii Credit Union League, and the Hawaii Department of Industrial Labor and Relations.

9.1.1

FINANCIAL INSTITUTIONS WITH LOCATIONS IN MAUI COUNTY

As of December 31, 2004

	Maui	Molokai	Lanai
Banks			
Firms	5	1	2
Locations	25	1	2
Savings and Loans Associations			
Associations	3	1	–
Locations	11	1	–
Financial Services Loan Companies (depository and non-depository)			
Firms	8	1	–
Locations	10	1	–
Escrow Depository Companies			
Firms	7	–	–
Locations	19	–	–

SOURCE: Hawaii State Department of Commerce and Consumer Affairs, Division of Financial Institutions, 2004 Annual Report.

9.1.2

DEPOSITS IN OFFICES OF FDIC-INSURED INSTITUTIONS, MAUI COUNTY

In thousands of dollars

Location	TOTAL DEPOSITS AS OF JUNE 30					
	2000	2001	2002	2003	2004	2005
Hana	3,281	3,340	3,995	4,092	4,658	4,914
Kahului	531,188	543,692	586,703	649,545	734,996	832,651
Kihei	140,741	219,287	226,882	279,988	344,705	365,722
Lahaina	267,538	264,335	276,877	301,879	348,892	375,810
Pukalani	111,115	119,224	125,990	141,839	162,069	162,389
Paia	25,630	28,011	30,576	37,727	41,200	46,438
Wailuku	219,754	224,091	219,942	225,810	257,771	288,056
Kaunakakai	49,474	50,446	49,839	50,869	60,911	61,417
Lanai City	24,368	25,276	26,214	26,935	27,153	27,753
Total	1,373,089	1,477,702	1,547,018	1,718,684	1,982,355	2,165,150

NOTES: Office locations were determined by zip code. FDIC-Insured institutions are commercial banks and savings associations. Deposits include savings and checking accounts, certificates of deposit, IRAs and Keogh Plans, trust funds and escrow accounts. See "deposits" in the glossary accompanying the Reports of Condition and Income instructions for the precise definition.

SOURCE: Federal Deposit Insurance Corporation, FDIC/OTS Summary of Deposits (annual).

9.1.3

FEDERAL CREDIT UNIONS BY ASSET SIZE, MEMBERSHIP AND LOANS, MAUI COUNTY

December 2004	Location	County Rank	State Rank	Assets (dollars)	Loans (dollars)	Members
Maui County Employees	Wailuku	1	15	\$135,441,398	58,055,071	10,133
Valley Isle Community	Kahului	2	18	67,946,675	20,608,600	8,383
Maui ¹	Kahului	3	25	48,642,823	12,418,312	6,205
Kahului	Kahului	4	26	47,690,394	14,230,510	4,937
Kula Community	Kahului	5	32	38,421,610	12,930,202	3,611
Maui Teachers	Wailuku	6	39	29,807,460	1,748,043	1,696
Wailuku	Wailuku	7	42	28,023,930	9,916,423	3,629
West Maui Community	Lahaina	8	46	24,809,534	2,213,293	2,032
Lanai	Lanai City	9	51	21,059,753	1,890,643	2,035
Molokai Community	Kaunakakai	10	68	11,481,033	5,317,251	3,503
Lahaina	Lahaina	11	78	7,278,982	2,262,382	2,188
Kulia Ohana	Wailuku	12	84	4,689,297	2,835,898	1,017
First Hawaiian Homes	Hoolehua	13	94	2,502,662	1,339,852	965
Maui county Total				\$467,795,551	145,766,480	50,334
State Total				\$6,442,599,837	2,826,290,922	729,097

¹ Name changed from Maui Land & Pine FCU to Maui FCU in 2003.

SOURCE: National Credit Union Administration, *Call Report Data Files under FOIA for December 2004 (final)*.

9.1.4

FEDERAL CREDIT UNION CHARACTERISTICS, MAUI COUNTY

	2001	2002	2003	2004
Number of Credit Unions	13	13	13	13
Total Members	46,904	48,487	49,390	50,334
Total Assets	\$321,517,593	\$370,758,888	\$425,246,021	\$467,795,551
Total Shares and Deposits	\$268,250,700	\$313,559,880	\$363,998,927	\$402,309,588
Number of Share and Deposit Accounts	57,258	60,461	62,842	65,189
Total Loans	\$119,344,751	\$125,551,665	\$129,863,704	\$145,766,480
Number of Loans	12,875	12,675	12,410	12,343

SOURCE: National Credit Union Administration, *Call Report Data Files under FOIA (final), December 2001, 2002 and 2003, 2004*.

9.2.1

CIVILIAN LABOR FORCE SUMMARY, STATE OF HAWAII AND COUNTIES

*Annual averages
All Figures Revised*

	Maui County	Hawaii County	Kauai County	City & County of Honolulu	State of Hawaii
Civilian Labor Force					
1997	69,950	69,300	28,800	433,600	601,650
1998	71,100	69,500	29,050	434,700	604,300
1999	73,050	70,750	29,500	433,350	606,650
2000	71,150	74,100	30,300	432,200	607,750
2001	72,950	76,000	30,350	433,700	613,000
2002	72,300	76,400	30,400	429,650	608,800
2003	72,600	77,600	31,100	431,150	612,500
2004	74,050	78,550	31,550	431,700	615,800
Employed					
1997	65,200	62,900	25,850	412,800	566,750
1998	66,700	63,400	26,400	413,600	570,150
1999	69,350	65,250	27,450	414,300	576,300
2000	68,500	70,550	28,900	415,250	583,200
2001	70,000	72,200	28,800	415,750	586,750
2002	69,500	72,900	29,050	412,600	584,050
2003	69,900	74,050	29,900	414,850	588,650
2004	71,800	75,500	30,500	418,000	595,750
Unemployment					
1997	4,750	6,450	2,950	20,750	34,900
1998	4,350	6,100	2,600	21,100	34,150
1999	3,700	5,550	2,050	19,050	30,350
2000	2,650	3,550	1,400	16,950	24,550
2001	2,950	3,800	1,550	17,950	26,250
2002	2,850	3,500	1,350	17,050	24,750
2003	2,700	3,600	1,250	16,300	23,850
2004	2,300	3,000	1,050	13,700	20,050
Percent Unemployed					
1997	6.8	9.3	10.3	4.8	5.8
1998	6.2	8.7	9	4.9	5.7
1999	5.1	7.8	6.9	4.4	5
2000	3.7	4.8	4.6	3.9	4
2001	4.1	5	5.1	4.1	4.3
2002	3.9	4.6	4.4	4	4.1
2003	3.7	4.6	4	3.8	3.9
2004	3.1	3.8	3.3	3.2	3.3

NOTE: Except for percent unemployed, data rounded to nearest 50. Totals may not add due to rounding.

SOURCE: Hawaii State Department of Labor and Industrial Relations, and records.

9.2.2

EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE BY ISLAND, MAUI COUNTY

*Annual averages
All figures after 1989 are revised*

	Maui County	Maui	Molokai	Lanai
Civilian Labor Force				
1989	55,000	51,300	2,250	1,450
1990	57,300	53,200	2,700	1,400
1991	60,350	56,250	2,600	1,550
1992	64,800	60,250	2,950	1,600
1993	65,500	61,150	2,850	1,550
1994	66,350	61,950	2,900	1,500
1995	67,250	62,550	3,000	1,650
1996	68,350	63,550	3,100	1,650
1997	69,950	65,400	2,850	1,700
1998	71,100	66,400	2,950	1,700
1999	73,050	68,250	3,000	1,800
2000	71,150	66,500	2,850	1,800
2001	72,950	68,600	2,550	1,800
2002	72,300	68,100	2,450	1,750
2003	72,600	68,100	2,450	1,750
2004	74,050	69,850	2,600	1,650
Civilian Employment				
1989	53,550	50,200	2,050	1,300
1990	54,900	51,300	2,250	1,300
1991	57,100	53,350	2,350	1,450
1992	59,600	55,600	2,500	1,500
1993	62,000	58,000	2,600	1,400
1994	62,500	58,450	2,650	1,400
1995	62,600	58,350	2,700	1,600
1996	63,750	59,500	2,650	1,600
1997	65,200	61,100	2,500	1,600
1998	66,700	62,500	2,550	1,650
1999	69,350	65,000	2,600	1,700
2000	68,500	64,250	2,500	1,750
2001	70,000	66,000	2,250	1,750
2002	69,500	65,550	2,300	1,650
2003	69,900	65,550	2,300	1,650
2004	71,800	67,900	2,300	1,600

9.2.2

CONTINUED

	Maui County	Maui	Molokai	Lanai
Civilian Unemployment				
1989	1,450	1,100	200	100
1990	2,400	1,900	450	50
1991	3,250	2,900	250	100
1992	5,200	4,650	450	100
1993	3,500	3,150	250	150
1994	3,850	3,500	250	100
1995	4,600	4,200	350	100
1996	4,600	4,050	450	100
1997	4,750	4,250	400	100
1998	4,350	3,900	400	50
1999	3,700	3,250	400	50
2000	2,650	2,200	400	50
2001	2,950	2,600	300	50
2002	2,850	2,600	200	50
2003	2,700	2,600	200	50
2004	2,300	1,950	300	*
Unemployment Rate				
1989	2.6	2.2	9.8	8.3
1990	4.2	3.6	16.3	5.1
1991	5.4	5.2	10.2	6.7
1992	8	7.7	14.9	7.3
1993	5.4	5.1	8.7	9.1
1994	5.8	5.6	9.1	6
1995	6.9	6.7	10.9	5
1996	6.7	6.4	14.8	5.3
1997	6.8	6.5	13.6	5.3
1998	6.2	5.9	13.6	3.1
1999	5.1	4.8	13.1	3.9
2000	3.7	3.3	13.3	3
2001	4.1	3.8	11.9	3.9
2002	3.9	3.8	7.4	4.2
2003	3.7	3.8	7.4	4.2
2004	3.1	2.8	10.7	2.6

NOTES: Except for percent unemployed, data rounded to nearest 50. Totals may not add due to rounding.

1990 - 1999 data reflect 2000 Census-based geography & new model-based controls at the state level. 2000, 2001, 2004 & 2005 data reflect 2000-based geography, new model controls, 2000 Census inputs, & methodological changes. 2002 - 2003 data are not yet 2000 Census-based therefore are not comparable to other years' data.

* Data is less than 50.

SOURCE: Hawaii State Department of Labor and Industrial Relations, and records.

9.2.3

LABOR FORCE BY RACE AND SEX, MAUI COUNTY

Race or Sex, 2004	Civilian Labor Force	Employ- ed	Un- employed	PERCENT DISTRIBUTION			Unem- ployment Rate
				Civilian Labor Force	Employ- ed	Un- employed	
Both Sexes (incl. Hispanic)	74,100	71,850	2,250	100.0%	100.0%	100.0%	3.1%
White	29,500	28,650	850	39.8	39.9	37.0	2.8
Black/African American	300	300	*	0.4	0.4	0.3	2.1
American Indian/ Alaskan Native	300	300	*	0.4	0.4	0.7	5.4
Asian	21,450	21,050	400	28.9	29.3	17.4	1.8
Native Hawaiian/ Pacific Islander	7,000	6,550	450	9.5	9.1	20.7	6.7
Some other race	1,100	1,100	*	1.5	1.5	0.1	0.3
Two or more races	14,450	13,950	550	19.5	19.4	23.8	3.7
Minority Group	44,600	43,200	1,450	60.2	60.1	63.0	3.2
Hispanic or Latino	5,050	4,850	200	6.8	6.7	9.0	4.1
Females (incl. Hispanic)	34,700	33,750	950	100.0%	100.0%	100.0%	2.7%
White	13,150	12,750	400	37.9	37.8	39.9	2.9
Black/African American	100	100	*	0.3	0.3	0.7	5.5
American Indian/ Alaskan Native	150	150	*	0.4	0.4	0.9	6.2
Asian	10,550	10,450	100	30.4	30.9	12.8	1.2
Native Hawaiian/ Pacific Islander	3,300	3,100	200	9.6	9.2	23.1	6.6
Some other race	450	450	0	1.2	1.3	0.0	0.0
Two or more races	7,000	6,800	200	20.2	20.1	22.5	3.1
Minority Group	21,550	21,000	550	62.1	62.2	1.7	2.7
Hispanic or Latino	2,250	2,200	100	6.5	6.4	9.6	4.0
Females as a percent of both sexes	46.80%	47.00%	41.90%				

* Less than 25.

NOTE: Totals may not add due to rounding.

Includes Kalawao County

SOURCE: Labor Force Estimates from 2004 Annual Local Area Unemployment Statistics (LAUS), based on 2000 Census.

9.2.4

ANNUAL AVERAGE JOBCOUNT BY INDUSTRY AND ISLAND, MAUI COUNTY

Industry, 2004	Maui County	Maui	Molokai	Lanai
TOTAL NONAGRICULTURAL				
WAGE & SALARY JOBS	65,850	62,450	1,850	1,550
Total Private	57,200	54,600	1,250	1,350
Total Goods Producing	4,600	4,450	50	100
Natural Resources & Mining & Constr.	3,050	2,950	*	100
Manufacturing	1,550	1,500	*	0
Durable Goods	300	300		
Non-Durable Goods	1,250	1,200		
Total Service-Providing	61,250	58,000	1,800	1,450
Trade, Transportation & Utilities	13,750	13,250	350	150
Wholesale Trade	1,250	1,200	*	*
Retail Trade	9,300	8,950	250	100
Food & Beverage Stores	1,750	1,600	150	*
Clothing & Clothing Accessories	1,600	1,600		
General Merchandise	1,400	1,400		
Transp., Warehousing & Utilities	3,250	3,100	100	*
Air Transportation	1,000	950	*	*
Information	950	900	*	*
Telecommunications	400	400		
Financial Activities	2,950	2,750	50	150
Finance & Insurance	900	850	*	*
Professional & Business Svcs	5,750	5,500	50	200
Prof., Scientific & Tech. Svcs.	1,450	1,450	*	*
Admin. & Support & Waste Mgmt.	3,950	3,900		
Education & Health Services	5,100	4,750	350	*
Education Services	950	95		
Health Care & Social Assistance	4,150	3,800	300	*
Leisure and Hospitality	21,400	20,350	300	700
Arts, Entertainment & Recreation	2,100	1,950	*	100
Accommodation & Food Svcs.	19,300	18,400	300	600
Accommodation	11,550	10,850	150	550
Food Services and Drinking Places	7,750	7,550	150	50
Full-Service Restaurants	5,100	5,050	50	*
Other Services	2,700	2,550	100	*
Total Government	8,650	7,850	600	200
Federal Government	750	700	*	*
Department of Defense	*	*		
State Government	5,700	5,150	400	150
State Education (DOE & UH)	3,050	2,700	250	100
Local Government	2,200	2,000	150	*
AGRICULTURE	1,700	1,650	100	-

NOTE: Data rounded to nearest 50. Totals may not add due to rounding or residual categories.

* Fewer than 50.

SOURCE: Hawaii State Department of Labor and Industrial Relations.

9.2.5

MEAN ANNUAL WAGE FOR THE TOP 10 MOST COMMON OCCUPATIONS, MAUI COUNTY

Maui Rank	Occupation	Maui County		Annual Wage (Statewide)
		Estimated Employees	Annual Mean Wage	
1	Retail Salespersons	3,130	\$21,870	\$22,050
2	Waiters and Waitresses	2,960	\$22,380	\$22,330
3	Maids and Housekeeping Cleaners	2,620	\$25,790	\$24,650
4	Cashiers	1,900	\$21,320	\$19,560
5	Office Clerks, General	1,650	\$25,620	\$23,190
6	Landscaping and Groundskeeping Workers	1,590	\$25,960	\$24,090
7	Janitors & Cleaners, Exec Maids & Housekeeping Cleaners	1,450	\$22,180	\$20,460
8	Combined Food Prep & Serving Workers, Inc Fast Food	1,430	\$18,400	\$17,110
9	Secondary School Teachers, Exc. Special & Voc Educ	1,250	\$43,290	\$47,440
10	Cooks, Restaurant	1,170	\$29,680	\$24,510

SOURCE: State of Hawaii, Department of Labor and Industrial Relations, Research and Statistics Office, *Wages by Occupation, May 2004*.

9.2.6

MEAN ANNUAL WAGE FOR THE TOP 10 PAYING OCCUPATIONS, MAUI COUNTY

Maui Rank	Occupation	Maui County		Annual Wage(Statewide)
		Estimated Employees	Annual Mean Wage	
1	Physicians and Surgeons, All Other	60	\$151,060	\$187,180
2	Chief Executives	60	\$128,800	\$145,160
3	Computer Software Engineers, Applications	40	\$91,210	\$69,800
4	General and Operations Managers	680	\$86,930	\$91,140
5	Computer Systems Analysts	30	\$84,900	\$66,070
6	Pharmacists	70	\$84,050	\$80,180
7	Architects, Except Landscape and Naval	50	\$82,940	\$58,980
8	Construction Managers	140	\$78,930	\$89,630
9	Computer and Information Systems Managers	30	\$78,760	\$84,400
10	Engineering Managers	70	\$77,980	\$109,840

SOURCE: State of Hawaii, Department of Labor and Industrial Relations, Research and Statistics Office, *Wages by Occupation, May 2004*.

9.2.7

BEST JOB OPPORTUNITIES IN 2010, MAUI COUNTY

Employment Position	2002-2010 Total Job Openings	Annual Growth Rate	2003 Mean Annual Wages
Long Term Preparation (At least a bachelor's degree or higher, may need work experience)			
Secondary School Teachers, Except Special & Vocational Education	280	2.10%	\$45,810*
General & Operations Managers	270	1.90%	\$87,330
Elementary School Teachers, Except Special Education	240	1.60%	\$39,150
Special Education Teachers, Preschool, Kindergarten, & Elementary School	110	3.80%	\$41,570*
Accountants & Auditors	110	2.30%	\$43,340
Sales Managers	100	3.70%	\$62,960
Property, Real Estate, & Community Association Managers	90	2.10%	\$51,490*
Marriage and Family Therapists	80	4.60%	\$35,130*
Child, Family, & School Social Workers	70	3.80%	\$37,620
Financial Managers	70	2.20%	\$72,940
Middle Level Preparation (More than one year to less than four years of training or education)			
Cooks, Restaurant	430	0.90%	\$28,150
First-Line Supervisors/Managers of Retail Sales Workers	350	2.30%	\$38,510
Registered Nurses	280	2.60%	\$55,510
First-Line Supervisors/Managers of Food Preparation & Serving Workers	280	1.70%	\$37,300
First-Line Supervisors/Managers of Office & Administrative Support Workers	210	1.50%	\$43,020
Maintenance & Repair Workers, General	190	1.00%	\$34,660
First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	130	2.40%	\$37,020
Carpenters	120	1.30%	\$52,850
Radiologic Technologists & Technicians	110	2.20%	\$48,890
Bakers	100	3.70%	\$31,170
Short Term Preparation (From one month to twelve months of training or education)			
Medical Assistants	260	5.60%	\$26,410*
Bookkeeping, Accounting, & Auditing Clerks	220	1.00%	\$30,540
Customer Service Representatives	190	3.60%	\$30,860
Laundry & Dry-Cleaning Workers	150	2.40%	\$23,130
Truck Drivers, Heavy & Tractor-Trailer	140	1.40%	\$30,140
Bus Drivers, Transit & Intercity	120	2.40%	\$29,030
Executive Secretaries & Administrative Assistants	120	1.60%	\$38,590
Secretaries, Except Legal, Medical, & Executive	120	0.30%	\$29,550
Construction Laborers	110	2.20%	\$38,340*
Operating Engineers & Other Construction Equipment Operators	110	1.40%	\$51,900
Little Preparation (Less than one month of training, usually on the job)			
Combined Food Preparation & Serving Workers, Including Fast Food	1,850	3.60%	\$18,770
Retail Salespersons	1,740	2.70%	\$21,850
Waiters & Waitresses	1,680	0.40%	\$22,610
Cashiers	1,470	2.30%	\$20,830
Maids & Housekeeping Cleaners	1,320	2.70%	\$25,680
Landscaping & Groundskeeping Workers	640	2.60%	\$24,470
Janitors & Cleaners, Except Maids & Housekeeping Cleaners	510	1.90%	\$21,690
Office Clerks, General	470	2.20%	\$24,670
Counter Attendants, Cafeteria, Food Concession, & Coffee Shop	450	2.20%	\$16,070*
Hotel, Motel, & Resort Desk Clerks	440	3.70%	\$31,140
Security Guards	440	3.50%	\$21,930

* State wage

SOURCE: State of Hawaii, Department of Labor and Industrial Relations, Research and Statistics Office. *Best Job Opportunities in 2010*.

9.3.1
CHARACTERISTICS OF THE INSURED UNEMPLOYED
IN MAUI COUNTY 2003

All Claimants

Characteristic	Maui/Lanai Annual Average	Percent of Total	Molokai Annual Average	Percent of Total
TOTAL	1,190	100.0	123	100.0
SEX				
Male	717	60.3	63	51.2
Female	473	39.7	60	48.8
INDUSTRY				
State	42	3.5	9	7.3
County	7	0.6	1	0.8
Agriculture	11	0.9	31	25.2
Mining	0	0.0	0	0.0
Utilities	1	0.1	0	0.0
Construction	297	25.0	23	18.7
Manufacturing	4	0.3	1	0.8
Wholesale	12	1.0	1	0.8
Retail Trades	58	4.9	4	3.3
Transportation	56	4.7	5	4.1
Information	20	1.7	0	0.0
Finance & Insurance	12	1.0	0	0.0
Real Estate	28	2.4	0	0.0
Professional, Scientific & Tech.	25	2.1	2	1.6
Management	1	0.1	0	0.0
Administrative & Waste-Mgt.	111	9.3	5	4.1
Education	7	0.6	3	2.4
Health & Social	45	3.8	9	7.3
Arts & Entertainment	26	2.2	0	0.0
Accommodation & Food	178	15.0	10	8.1
Other-Services	38	3.2	7	5.7
Public-Administration	0	0.0	0	0.0
Information Not Available	211	17.7	12	9.8
Age				
Under 22	23	1.9	6	4.9
22 to 24	50	4.2	7	5.7
25 to 34	264	22.2	29	23.6
35 to 44	329	27.6	31	25.2
45 to 54	326	27.4	25	20.3
55 to 64	171	14.4	17	13.8
65 and over	27	2.3	8	6.5

9.3.1

(CONTINUED)

Characteristic	Maui/Lanai Annual Average	Percent of Total	Molokai Annual Average	Percent of Total
DURATION				
1-4 weeks	482	40.5	42	34.1
5-14 weeks	432	36.3	45	36.6
15 and over	276	23.2	36	29.3
OCCUPATION				
Management	78	6.6	4	3.3
Business & Financial	10	0.8	2	1.6
Computer & Mathematical	6	0.5	1	0.8
Architecture & Engineering	4	0.3	2	0.0
Life, Physical & Social Science	5	0.4	1	0.8
Community & Social Services	19	1.6	2	3.3
Legal	3	0.3	0	0.0
Education, Training & Library	20	1.7	5	4.1
Arts & Entertainment	18	1.5	0	0.0
Healthcare, Practioner & Tech.	9	0.8	1	1.6
Healthcare Support	17	1.4	4	3.3
Protective-Service	22	1.8	4	3.3
Food Preparation & Services	119	10.0	9	7.3
Building & Grounds & Maint.	39	3.3	5	4.1
Personal Care & Service	41	3.4	3	2.4
Sales-Related	90	7.6	7	5.7
Office & Administrative-Support	162	13.6	8	6.5
Farm, Fishing & Forestry	8	0.7	33	26.8
Construction & Extraction	157	13.2	9	7.3
Installation & Repair	29	2.4	3	2.4
Production	14	1.2	2	1.6
Transportation & Moving	57	4.8	4	3.3
Information Not Available	263	22.1	14	10.6
ETHNICITY				
Amer. Indian	14	1.2	0	0.0
Chinese	18	1.5	1	0.8
Filipino	159	13.4	28	22.8
Japanese	79	6.6	2	1.6
Other Asians	22	1.8	1	0.8
Black	14	1.2	0	0.0
Hawaiian	186	15.6	72	58.5
Other Pacific Islander	33	2.8	1	0.8
White & Latino	502	42.2	11	8.9
Others	163	13.7	7	5.7
Information Not Available	0	0.0	0	0.0

SOURCE: Research and Statistics Office, Hawaii Department of Labor and Industrial Relations, Labor and Occupational Information Hawaii (LO'IHI), *The Characteristics of the Insured Unemployed in Hawaii 2003*.

9.3.2

LABOR FORCE STATUS AND EMPLOYMENT CHARACTERISTICS, MAUI COUNTY

LABOR FORCE STATUS	1990	2000
Persons 16 years and over	76,121	99,326
In labor force	55,169	66,307
Civilian labor force	55,112	66,219
Employed	53,618	62,935
Unemployed	1,494	3,284
Percent of labor force	2.7	5.0
Armed forces	57	88
Not in labor force	20,952	33,019
Males 16 years and over	38,747	49,448
In labor force	30,411	35,349
Civilian labor force	30,354	35,261
Employed	29,479	33,352
Unemployed	875	1,909
Percent of labor force	2.9	5.4
Armed forces	57	88
Not in labor force	8,336	14,099
Females 16 years and over	37,374	49,878
In labor force	24,758	30,958
Civilian labor force	24,758	30,958
Employed	24,139	29,583
Unemployed	619	1,375
Percent of labor force	2.5	4.4
Armed forces	0	0
Not in labor force	12,616	18,920
Persons 16 to 19 years	4,861	6,843
Not enrolled in school and not high school graduate	532	539
Employed or in armed forces	328	2,476
Unemployed	60	463
Not in labor force	144	3,904

SOURCE: U.S. Census Bureau, *Summary File 3, 1990: Profile of Selected Economic Characteristics*. 2000: *DP-3 Profile of Selected Economic Characteristics, QT-P19 School Enrollment, QT-P24 Employment Status by Sex*.

9.3.3

**LABOR FORCE STATUS, BY CENSUS DESIGNATED
PLACE, MAUI COUNTY, 2000**

Census Designated Place	Total:	<u>Civilian Labor force</u>					
		Armed forces	Not in labor force	Total	Em- ployed	Unem- ployed	%Unem- ployed
Haiku-Pauwela	5,130	0	1,805	3,325	3,155	170	5.1
Haliimaile	743	0	276	467	445	22	4.7
Hana	488	0	141	347	320	27	7.8
Kaanapali	1,181	2	519	660	641	19	2.9
Kahului	15,488	37	6,547	8,904	8,365	539	6.1
Kapalua	335	0	158	177	165	12	6.8
Kaunakakai	1,955	2	804	1,149	1,035	114	9.9
Kihei	13,166	27	3,571	9,568	9,087	481	5.0
Kualapuu	1,410	0	612	798	702	96	12.0
Lahaina	7,300	0	2,418	4,882	4,667	215	4.4
Lanai City	2,405	0	821	1,584	1,505	79	5.0
Maalaea	437	0	145	292	287	5	1.7
Makawao	4,732	15	1,194	3,523	3,361	162	4.6
Maunaloa	130	0	53	77	74	3	3.9
Napili-Honokowai	5,344	0	1,175	4,169	4,024	145	3.5
Paia	1,904	0	603	1,301	1,262	39	3.0
Pukalani	5,620	0	1,492	4,128	3,961	167	4.0
Waihee-Waiehu	5,207	0	1,573	3,634	3,474	160	4.4
Waikapu	860	0	285	575	552	23	4.0
Wailea-Makena	4,706	0	1,349	3,357	3,242	115	3.4
Wailuku	9,712	0	3,708	6,004	5,715	289	4.8

SOURCE: U.S. Census Bureau, Census 2000 Summary File 3, Matrices P43 and PC35.

Section 10

VISITOR INDUSTRY & RECREATION

This section presents statistics on numbers of visitors, visitor plant inventory, and visitor expenditures. In addition you will find information about recreation on the islands including attendance at recreational events, and visitors to Maui County attractions.

Information on tourism is supplied primarily by the Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division. They have assumed the collection and analysis of visitor data since July 1998.

10.1.1

VISITORS TO MAUI COUNTY BY MONTH

Arrivals by Air

2004	Maui	Molokai	Lanai	Total Maui County
Total Visitors				
January	167,243	6,143	5,738	171,268
February	166,427	7,536	6,652	172,047
March	190,994	7,010	7,093	196,384
April	176,085	5,137	6,087	180,043
May	174,958	5,364	6,119	179,268
June	185,542	5,554	6,114	189,820
July	226,466	6,856	6,619	230,782
August	205,455	5,809	6,091	210,022
September	153,100	4,900	5,121	156,327
October	174,238	5,904	6,099	178,237
November	157,980	5,322	5,358	161,934
December	177,070	6,566	6,298	181,695
Total	2,155,561	72,099	73,388	2,207,826
Domestic Visitors				
January	137,988	5,493	5,044	141,576
February	142,156	5,330	4,820	145,889
March	161,199	5,142	5,984	165,624
April	159,343	3,996	4,975	162,780
May	154,488	4,323	5,027	157,610
June	168,716	4,872	5,707	172,507
July	204,286	5,857	6,192	207,973
August	180,339	4,741	5,265	183,751
September	135,444	4,020	4,468	138,078
October	156,354	4,715	5,445	159,599
November	140,602	4,293	4,750	143,833
December	154,666	5,207	5,494	158,578
Total	1,895,582	57,987	63,172	1,937,797
International Visitors				
January	29,255	650	694	29,692
February	24,271	2,206	1,833	26,158
March	29,795	1,868	1,109	30,760
April	16,742	1,141	1,112	17,263
May	20,470	1,041	1,093	21,658
June	16,826	682	407	17,313
July	22,180	999	426	22,808
August	25,116	1,067	826	26,271
September	17,656	881	653	18,249
October	17,884	1,189	654	18,638
November	17,378	1,029	608	18,102
December	22,404	1,360	804	23,117
Total	259,979	14,112	10,216	270,029

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *2004 Annual Visitor Research Report*.

10.1.2

**LENGTH OF STAY AND AVERAGE DAILY CENSUS,
MAUI COUNTY BY ISLAND**

Arrivals by Air

	1999	2000	2001	2002	2003	2004
Length of Stay (days)¹						
All Visitors						
Maui	6.71	6.81	6.90	7.17	7.33	7.47
Molokai	4.98	5.13	4.32	4.64	3.67	4.28
Lanai	4.75	4.34	4.72	4.71	3.41	3.29
Domestic						
Maui	7.20	7.35	7.41	7.63	7.53	7.70
Molokai	5.07	5.51	5.03	5.47	4.06	4.68
Lanai	4.12	4.90	5.02	4.92	3.65	3.46
International						
Maui	4.84	4.75	4.83	4.89	6.00	5.83
Molokai	4.42	2.74	2.23	2.63	2.51	2.66
Lanai	5.56	3.53	2.85	3.88	2.44	2.24
Average Daily Census (people)						
All Visitors						
Maui	41,918	41,819	38,724	40,744	42,710	44,014
Molokai	950	905	831	955	947	844
Lanai	1,124	1,130	1,096	1,043	853	660
Domestic						
Maui	35,750	35,817	33,330	36,081	38,215	39,873
Molokai	830	837	721	797	786	741
Lanai	909	1,022	1,002	868	728	597
International						
Maui	6,167	6,002	5,394	4,662	4,495	4,140
Molokai	121	67	110	158	162	103
Lanai	215	109	95	175	126	63

NOTE: Totals may not add due to rounding.

¹ Length of stay is the average number of days that visitors who travel to a specific island have stayed on that island.

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2004 Annual Visitor Research Report.

10.1.3

AVERAGE DAILY VISITOR CENSUS, BY COUNTIES

*Average number of visitors present in each county on any given day
Arrivals by Air*

Year	Maui County	Hawaii County	Kauai County	Oahu	State Total
1979	15,598	7,996	7,394	67,688	98,676
1980	15,363	7,195	7,259	66,680	96,417
1981	15,727	6,561	7,225	66,455	95,968
1982	18,090	6,725	7,050	73,445	105,310
1983	24,670	8,690	7,990	66,695	108,040
1984	32,790	7,570	10,930	67,370	118,660
1985	31,910	8,040	11,470	65,280	116,700
1986	34,330	9,870	14,840	73,870	132,910
1987	33,890	10,210	15,510	74,660	134,270
1988	33,870	10,690	16,400	80,450	141,410
1989	44,020	17,760	19,140	88,750	169,670
1990	37,657	16,698	17,378	82,783	154,516
1991	37,060	17,535	17,720	75,008	147,323
1992	41,854	19,297	13,516	77,999	152,666
1993	42,132	18,974	8,283	78,108	147,498
1994	42,933	18,902	13,268	81,526	156,630
1995	42,751	18,547	14,439	81,362	157,098
1996	42,724	19,337	15,615	81,054	158,730
1997	43,383	21,656	15,999	76,150	157,188
1998	42,864	23,993	17,909	72,623	157,389
1999	43,992	22,736	18,214	79,497	164,439
2000	43,854	21,831	18,041	84,911	168,637
2001	40,651	21,064	16,830	79,702	158,247
2002	42,742	22,277	17,432	82,121	164,572
2003	44,510	21,934	17,828	76,776	161,048
2004	45,517	23,376	18,869	83,718	171,481

NOTES: Average daily census is based on intention to visit each island. Eastbound and northbound visitors counts are based on a 20 percent sample through 1983 and a 10 percent sample thereafter. Westbound visitor counts are based on the form distributed on all Hawaii-bound flights of all domestic airlines. Data beginning with 1990 are not strictly comparable to previous years.

¹ All eastbound visitor days were attributed to Oahu through 1988.

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *2004 Annual Visitor Research Report*; "Historical Visitor Data."

10.1.4

**DOMESTIC VISITOR ARRIVALS FROM TOP US MSAS,
MAUI COUNTY**

Arrivals by Air

2004	Maui	Molokai	Lanai	Total Maui County	Total State
Albuquerque	4,729	147	147	4,816	13,234
Anchorage	6,481	390	163	6,779	20,495
Atlanta	17,367	511	706	17,695	43,720
Austin	7,556	238	307	7,735	18,637
Bakersfield	4,942	145	145	5,043	13,544
Bellingham	3,018	61	64	3,068	7,077
Boise	5,427	176	137	5,539	12,229
Boston	27,784	793	1,025	28,248	62,282
Charlotte	4,320	87	205	4,400	10,356
Chicago	60,846	1,523	2,047	61,928	122,402
Cincinnati	10,047	381	390	10,247	21,859
Cleveland	10,445	281	296	10,616	22,027
Colorado Springs	4,463	169	151	4,577	13,908
Columbus	6,295	152	212	6,400	14,144
Dallas	33,690	783	1,274	34,278	75,647
Denver	34,122	1,007	1,181	34,910	86,007
Detroit	24,308	641	841	24,714	49,305
Eugene	4,833	204	99	4,965	11,514
Fresno	8,224	173	223	8,407	20,961
Grand Rapids	4,519	106	169	4,597	9,258
Hartford	5,574	255	236	5,768	13,079
Houston	23,602	635	981	23,982	52,717
Indianapolis	7,412	201	283	7,516	17,951
Kansas City	9,371	232	323	9,527	22,136
Las Vegas	19,576	555	605	19,962	59,430
Los Angeles	282,183	6,410	8,238	288,174	756,696
Miami	8,698	315	464	8,837	19,953
Milwaukee	7,601	238	259	7,769	16,274
Minneapolis	25,471	606	773	25,956	61,008
Modesto	5,511	120	128	5,610	13,797

10.1.4

CONTINUED

2004	Maui	Molokai	Lanai	Total Maui County	Total State
Nashville	4,437	117	157	4,493	10,960
New York	79,833	2,407	3,541	81,604	171,172
Norfolk	3,766	169	242	3,906	16,462
Oklahoma City	3,972	104	121	4,052	10,403
Omaha	3,740	132	148	3,829	9,133
Orlando	5,714	172	256	5,794	14,174
Philadelphia	20,340	738	903	20,762	44,401
Phoenix	37,525	987	1,204	38,221	92,069
Pittsburgh	6,821	194	319	6,966	14,609
Portland	44,089	1,339	1,149	45,177	103,416
Provo	3,774	67	92	3,830	13,179
Raleigh	4,604	178	196	4,726	11,354
Reno	7,052	178	233	7,231	17,917
Sacramento	45,796	1,234	983	46,691	111,345
Saint Louis	11,890	420	434	12,107	26,293
Salinas	5,441	186	172	5,625	15,041
Salt Lake City	16,042	463	458	16,462	47,154
San Antonio	4,546	167	252	4,682	14,357
San Diego	54,294	1,512	1,602	55,561	158,683
San Francisco	207,178	5,333	5,565	212,041	554,670
San Luis/Obispo	4,978	229	129	5,162	13,534
Santa Barbara	7,647	311	227	7,951	22,094
Seattle	87,391	2,541	1,909	89,293	216,821
Spokane	6,323	178	181	6,449	14,188
Stockton	7,974	257	151	8,118	20,549
Tampa	7,115	252	303	7,251	17,285
Tucson	6,743	297	315	6,997	18,616
Tulsa	3,355	94	131	3,444	8,175
Washington D.C.	33,095	1,341	1,491	34,035	106,006
Top US MSAs as % of total visitors	74.6	67.5	71.1	74.5	73.1

NOTE: MSAs - Metropolitan Statistical Areas.

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *2004 Annual Visitor Research Report*.

10.1.5

VISITOR ARRIVALS, MAUI COUNTY

*Data covers visitors to the state staying overnight or longer,
and include one-day (non-overnight) trips*

Westbound Visitors				
1979				1,419,773
1980				1,378,189
1981				1,389,892
1982				1,550,080
1983				1,645,720
1984				1,854,690
1985				1,831,110
1986				2,001,870
1987				1,908,780
1988				1,884,050
	<u>International Visitors¹</u>	<u>Domestic Visitors</u>		<u>Total Visitors</u>
1989 ²	400,860	2,113,100		2,513,960
1990	469,239	1,815,623		2,284,862
1991	483,224	1,692,382		2,175,606
1992	569,241	1,754,371		2,323,612
1993	569,204	1,693,910		2,263,114
1994	531,610	1,808,906		2,340,516
1995	564,092	1,762,705		2,326,797
1996	586,576	1,732,034		2,318,610
1997	542,018	1,788,366		2,330,384
1998	527,950	1,776,165		2,304,115
1999	480,471	1,866,531		2,347,002
			<u>Arrivals by Ship</u>	
2000	470,035	1,834,631	32,288	2,336,954
2001	418,518	1,685,960	41,288	2,145,766
2002	369,323	1,770,103	58,853	2,198,280
2003	296,273	1,900,174	43,514	2,239,961
2004	270,029	1,937,797	69,427	2,277,253

¹ Due to the need for timely and market-specific visitor statistics arising from the establishment of the Hawaii Tourism Authority, collection and reporting of visitor statistics has been extensively revised. The previous visitor categorization as eastbound (visitors who arrive mainly from Asia, Australia and New Zealand) and westbound (visitors who arrive from the US mainland and Canada) has been replaced by a domestic and international breakdown of visitors.

² The subcategories for 1989 were eastbound (visitors arriving mainly from Asia, Australia and New Zealand) and westbound (arriving from the US mainland and Canada). County distribution for eastbound/international visitors not available before 1989.

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *2004 Annual Visitor Research Report*; "Historical Visitor Data."

10.1.6

NATION OF RESIDENCE OF VISITORS TO MAUI COUNTY

Arrivals by Air

2004 MMA ¹	MAUI			MOLOKAI			LANAI		
	Domestic	International	Total	Domestic	Int'l.	Total	Domestic	Int'l.	Total
Total	1,895,852	259,979	2,155,561	57,987	14,112	72,099	63,172	10,216	73,388
U.S.	1,765,278	20,469	1,785,747	52,352	1,957	54,309	57,831	1,451	59,282
Canada	25,659	67,482	93,140	863	2,069	2,931	854	1,900	2,754
Asia									
China	1,997	1,323	3,321	249	250	499	135	166	301
Hong Kong	432	1,232	1,664	17	22	40	36	14	50
Japan	1,220	117,830	119,050	47	6,466	6,512	49	4,191	4,241
Korea	1,025	6,916	7,941	46	404	449	27	170	196
Singapore	152	323	476	27	124	151	15	74	89
Taiwan	572	2,952	3,525	22	340	362	27	49	75
Total Asia	5,398	130,576	135,977	408	7,606	8,013	289	4,664	4,952
Oceania									
Australia	2,684	17,212	19,896	115	1,136	1,251	94	1,064	1,159
New Zealand	493	3,277	3,770	19	329	348	8	252	259
Total Oceania	3,177	20,489	2,366	134	1,465	1,599	102	1,316	1,418
Europe									
United Kingdom	15,631	2,262	17,893	672	215	887	742	221	963
Germany	11,286	887	12,173	688	33	721	454	0	454
France	2,289	465	2,754	113	66	179	80	66	147
Italy	2,541	147	2,688	97	0	97	102	69	171
Switzerland	2,483	218	2,701	168	10	178	144	0	144
Total Europe	34,230	3,978	38,208	1,737	324	2,061	1,523	356	1,879
Latin America									
Argentina	747	18	765	26	0	26	41	0	41
Brazil	1,484	76	1,560	57	29	86	73	16	90
Mexico	2,733	136	2,869	115	0	115	122	12	134
Total Latin America	4,964	230	5,194	199	29	227	236	28	264
Other Foreign²	56,876	16,754	73,630	2,295	663	2,958	2,337	501	2,838
Total Foreign	1,895,582	259,979	2,155,561	57,972	14,112	72,084	63,166	10,216	73,382

¹ Major Market Areas (MMAs) have allowed the Hawaii Tourism Authority to focus on specific areas for marketing and to see changes in these markets.

² "Other foreign" is comprised of all countries not listed above in an MMA as well as visitors from US territories .

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2004 Annual Visitor Research Report.

10.1.7

**TOTAL AIR SEATS OPERATED TO
KAHULUI AIRPORT**

	2002	2003	2004
TOTAL SEATS 1,326,429	1,480,866	1,631,999	
Scheduled Seats	1,283,488	1,444,386	1,590,819
Charter seats	42,941	36,480	41,180
DOMESTIC SEATS	1,275,107	1,421,582	1,594,958
Scheduled Seats	1,232,166	1,385,102	1,553,778
Charter seats	42,941	36,480	41,180
US West	1,089,402	1,187,910	1,324,702
Burbank		38,316	32,984
Las Vegas			124
Los Angeles	538,798	562,663	545,667
Oakland	45,880	45,260	50,318
Orange County	45,260	45,260	45,384
Phoenix	22,728	22,282	21,599
Portland		37,260	48,530
Sacramento			14,136
San Diego		11,730	22,578
San Francisco	314,676	299,375	339,336
San Jose	52,976	45,584	47,956
Seattle	69,084	80,180	156,090
US East	142,764	197,192	229,076
Atlanta			574
Chicago		57,077	81,957
Dallas	72,427	88,313	77,573
Houston		36,374	68,972
St. Louis	70,337	15,428	
INTERNATIONAL SEATS	51,322	59,284	37,041
Scheduled Seats	51,322	59,284	37,041
Charter seats			
Canada	51,322	59,284	37,041
Calgary	1,782	9,894	
Edmonton	594	3,378	
Vancouver	48,946	46,012	37,041

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2004 Annual Visitor Research Report.

10.1.8

HOTEL OCCUPANCY RATES, MAUI ISLAND

Month	1998	1999	2000	2001	2002	2003	2004
January	72.3	76.2	73.2	77.9	66.2	72.4	77.5
February	81.8	89.6	90.3	85.2	78.3	79.9	83.4
March	82.1	87.2	89.0	84.9	77.8	78.4	83.0
April	76.8	78.3	82.7	77.7	72.7	74.1	80.9
May	67.5	70.5	78.5	72.4	68.3	71.8	76.8
June	71.8	73.5	79.7	75.7	75.2	75.3	79.0
July	71.4	80.4	84.8	80.6	78.8	83.8	82.4
August	77.0	83.1	83.2	80.3	81.4	84.2	82.9
September	69.1	73.2	77.6	58.1	64.6	67.1	73.5
October	76.4	79.7	78.1	60.9	68.1	70.2	74.9
November	69.0	74.6	78.0	64.9	62.2	67.6	70.7
December	64.6	60.8	68.8	58.0	62.5	70.6	69.4
TOTAL	73.3	77.2	80.3	73.0	71.0	74.8	78.0

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *2004 Annual Visitor Research Report*.

10.2.1

**PKF-HAWAII
OCCUPANCY AND ROOM RATES,
FOOD AND BEVERAGE SALES,
ISLANDS OF MAUI AND MOLOKAI**

Includes condominium units in rental pools for transient occupancy

Year	Percent Occupied	Average Daily Room Rate	Average Revenue per Available Room	AVERAGE DAILY SALES PER GUEST		
				Food	Beverage	Food Sales Per Cover
Maui						
1993	67.56	122.88	83.02	23.04	7.16	14.17
1994	72.69	125.70	91.37	22.72	6.61	14.61
1995	73.53	144.36	106.15	25.72	7.23	15.99
1996	73.37	155.54	114.11	26.32	7.56	17.09
1997	71.58	156.37	111.93	26.92	7.94	17.11
1998	72.81	161.40	117.52	27.12	8.23	17.75
1999	77.25	167.08	129.06	28.62	9.05	19.16
2000	80.11	189.78	152.04	30.52	10.09	20.10
2001	74.50	210.29	156.66	27.68	8.59	18.78
2002	72.41	205.90	149.10	29.35	9.20	19.44
2003 ^r	75.71	212.06	160.54	30.79	10.34	20.31
2004	78.69	226.78	178.45	32.01	11.15	21.47
Molokai						
1993	42.66	74.69	31.87	32.27	10.45	10.66
1994	41.19	72.18	29.73	34.52	12.16	8.57
1995	37.47	71.85	26.92	42.40	15.26	10.00
1996	39.00	74.44	29.03	56.65	17.14	10.64
1997	40.42	74.02	29.92	47.17	17.31	10.04
1998	44.18	78.43	34.65	36.62	11.33	10.76
1999	41.08	74.54	30.62	NA	NA	NA
2000	42.72	79.77	34.07	NA	NA	NA
2001	47.36	92.09	43.62	NA	NA	NA
2002	50.58	93.67	47.38	NA	NA	NA
2003 ^r	51.19	96.83	49.57	NA	NA	NA
2004	60.38	107.28	64.77	NA	NA	NA

NOTES: PKF-Hawaii LLP publishes comparable statistics only for the last two years. Participating hotel and resort condominiums differ from year to year, so earlier survey statistics are not strictly comparable due to changes in the participants' number, type, location and size. There are no participants on Lanai.

r: Revised from previous Data Book.

SOURCE: PKF-Hawaii LLP, *Trends in the Hotel Industry, Hawaii*, December 2004, and records.

10.2.2

PKF-HAWAII TRENDS IN THE HOTEL INDUSTRY, MAUI COUNTY

2004	Total Maui	Kaanapali	West Maui	Other	Molokai
Room Sales for the Total Market					
Percent Occupied	78.69	82.95	79.29	75.71	60.38
Average Daily Room Rate	226.78	175.63	183.10	289.53	107.28
Revenue / Available Room	178.45	145.68	145.17	219.20	64.77
Room Sales for the Hotel Market					
Percent Occupied	82.91	85.60	81.68	81.34	64.68
Average Daily Room Rate	253.53	170.81	182.00	360.70	122.95
Revenue / Available Room	210.19	146.22	148.66	293.41	79.53
Room Sales for the Resort Condo Market					
Percent Occupied	70.96	70.56	76.78	66.40	56.26
Average Daily Room Rate	169.52	202.88	184.32	145.60	90.03
Revenue / Available Room	120.29	143.15	141.52	96.68	50.65
Food Sales for the Total Market					
Average Daily Food per Guest	32.01	22.03	28.78	41.32	NA
Average Daily Beverage per Guest	11.15	7.16	9.95	14.84	NA
Average Food Sales Per Cover	21.47	15.03	27.44	24.19	NA

SOURCE: PKF-Hawaii LLP, *Trends in the Hotel Industry, Hawaii*, December 2004.

10.2.3

PKF-HAWAII QUALITY AND SIZE REPORT, MAUI COUNTY

2004	Maui					Molokai
Room Quality	Luxury	First Class	Deluxe	Standard	Budget	Standard
Percent Occupied	77.19	80.96	77.20	85.57	NA	61.10
Average Daily Room Rate	332.36	176.64	122.45	79.92	NA	85.56
Revenue / Available Room	256.55	143.02	94.53	68.39	NA	52.28
Number of Rooms on Property	Under 100	100 - 200	201 - 350	351 - 500	Over 500	Under 100
Percent Occupied	55.09	75.78	74.25	84.89	83.82	60.38
Average Daily Room Rate	207.52	142.23	228.03	270.01	244.26	107.28
Revenue / Available Room	114.31	107.78	169.31	229.22	204.74	64.77

SOURCE: PKF-Hawaii LLP, *Trends in the Hotel Industry, Hawaii, Quality and Size Report*, December 2004.

10.2.4

HOSPITALITY ADVISORS LLC HAWAII HOTEL FLASH REPORT, MAUI ISLAND

2004	Occupancy	Average Daily Rate	Revenue per Available Room
Total Maui	78.0%	192.23	149.94
By Area			
Lahaina/Kaanapali/Kapalua	79.9%	180.80	144.46
Other Maui	75.8%	205.65	155.88
By Price			
Luxury	75.7%	300.71	227.64
Upscale	80.8%	177.52	143.44
Midprice	80.3%	120.24	96.55
Economy/Budget	78.0%	97.22	75.83

SOURCE: Hospitality Advisors LLC, *Hawaii Hotel Flash Report*, December 2004.

10.2.5

VISITOR PLANT INVENTORY BY ISLAND AND PRICE, MAUI COUNTY

Class (Price per Night)	2003			2004		
	Units	% of Total	Properties	Units	% of Total	Properties
Maui						
Budget: \$100 or less	2,400	13.8%		1,970	11.4%	
Standard: \$101 to \$250	5,828	33.5%		5,958	34.4%	
Deluxe: \$251 to \$500	6,924	39.8%		6,932	40.0%	
Luxury: Over \$500	2,238	12.9%		2,467	14.2%	
All levels	17,390	100.0%	232	17,327	100.0%	275
Molokai						
Budget: \$100 or less	66	28.1%		66	27.8%	
Standard: \$101 to \$250	104	43.9%		103	43.8%	
Deluxe: \$251 to \$500	66	28.0%		67	28.4%	
All levels	236	100.0%	24	236	100.0%	29
Lanai						
Budget: \$100 or less	7	2.0%		7	1.9%	
Standard: \$101 to \$250	10	2.7%		11	2.9%	
Deluxe: \$251 to \$500	174	47.2%		160	43.3%	
Luxury: Over \$500	177	48.2%		191	51.8%	
All levels	368	100.0%	6	369	100.0%	7

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *2004 Visitor Plant Inventory*.

10.2.6

**VISITOR PLANT INVENTORY BY ISLAND AND TYPE,
MAUI COUNTY**

	2000		2001		2002		2003		2004	
	Prop- erties	Available Units	Prop- erties	Available Units	Prop- erties	Available Units	Prop- erties	Available Units	Prop- erties	Available Units
Maui										
Apartment/Hotel	6	74	6	93	7	103	6	69	8	45
Bed & Breakfast	30	134	26	115	23	113	22	110	27	144
Hostel	3	50	2	30	2	30	2	30	2	30
Hotel	28	8,577	29	8,399	29	8,413	29	8,379	31	8,065
Condominium										
Hotel	104	7,767	107	7,987	102	7,548	106	7,955	114	7,085
Individual										
Vacation Unit	56	327	65	409	63	584	63	638	90	549
Timeshare	-	-	-	-	-	-	-	-	-	1,512
Other	14	544	16	541	16	613	19	730	16	387
Total	241	17,473	251	17,574	242	17,404	247	17,911	288	17,817
Molokai										
Bed & Breakfast	1	1	1	1	1	1	2	3	3	3
Hotel	2	183	1	45	1	45	1	45	2	114
Condominium										
Hotel	4	117	4	116	4	101	6	159	6	140
Individual										
Vacation Unit	1	2	2	4	2	66	17	26	22	31
Timeshare	-	-	-	-	-	-	-	-	-	7
Other	2	126	2	126	2	7	2	66	1	4
Total	10	429	10	292	10	220	28	299	33	299
Lanai										
Apartment/Hotel	-	-	-	-	-	-	-	-	1	1
Bed & Breakfast	-	-	1	3	1	3	1	3	1	3
Hotel	3	362	3	362	3	362	3	362	3	362
Individual										
Vacation Unit	3	6	2	3	2	3	2	3	2	3
Timeshare										
Other	-	-	-	-	-	-	-	-	-	-
Total	6	368	6	368	6	368	6	368	7	369

NOTES: Categories vary in the way they are reported from year to year.

INDIVIDUAL VACATION UNIT: Individual condominium unit (not in a hotel rental operation), house, cabin, villa or cottage with very limited service, often with only basic cleaning supplies provided.

- Not available, not reported or none.

SOURCES: 1999-2001: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2004 Visitor Plant Inventory.

10.2.7

**SUMMARY OF VISITOR PLANT INVENTORY BY
AREA AND TYPE, MAUI COUNTY**

2004 Island/Area/Type	Properties	Available Units
Maui Island	288	17,817
Hana	28	149
Bed & Breakfast	2	2
Condominium Hotel	1	0
Hotel	2	70
Individual Vacation Unit	18	36
TimeShare	-	16
Other	5	25
Kahului-Wailuku	11	435
Apartment/Hotel	1	2
Bed & Breakfast	1	10
Hostel	2	30
Hotel	3	366
Individual Vacation Unit	2	7
Other	2	20
Kula-Makawao	32	133
Bed & Breakfast	7	56
Condominium Hotel	1	9
Hotel	1	8
Individual Vacation Unit	21	48
Other	2	12
Lahaina-Kaanapali-Napili-Kapalua	93	9,597
Apartment/ Hotel	3	21
Bed & Breakfast	10	53
Condominium Hotel	50	3,808
Hotel	13	4,302
Individual Vacation Unit	13	117
TimeShare	-	977
Other	4	319
Maalaea	8	245
Condominium Hotel	8	245
Wailea-Kihei	116	7,258
Apartment/ Hotel	3	13
Bed & Breakfast	7	23
Condominium Hotel	55	3,032
Hotel	12	3,319
Individual Vacation Unit	36	341
TimeShare	-	519
Other	3	11
Molokai	33	299
Bed & Breakfast	2	3
Condominium Hotel	6	140
Hotel	2	114
Individual Vacation Unit	22	31
TimeShare	-	7
Other	1	4
Lanai	7	369
Apartment/Hotel	1	1
Bed & Breakfast	1	3
Hotel	3	362
Individual Vacation Unit	2	3

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2004 Visitor Plant Inventory.

10.2.8

**VISITOR PLANT INVENTORY,
MAUI COUNTY**

Year	Available Units
1970	2,743
1971	3,695
1972	4,095
1973	4,075
1974	5,208
1975	5,830
1976	7,232
1977	8,037
1978	8,736
1979	9,472
1980	9,701
1981	11,359
1982	12,162
1983	12,749
1984	13,138
1985	14,152
1986	14,096
1987	13,849
1988	15,168
1989	15,708
1990	17,869
1991	18,702
1992	19,290
1993	19,127
1994	18,804
1995	NA
1996	17,824
1997	18,552
1998	18,650
1999	18,609
2000	18,270
2001	18,234
2002	17,992
2003 ^r	18,343
2004	18,485

NOTES: Includes hotels and condominiums available for transient rental. HVCB did not conduct an update survey in 1995.
NA: not available. r: Revised from previous Data Book.

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *2004 Visitor Plant Inventory*.

10.2.9

**LARGEST HOTELS BY NUMBER OF SLEEPING ROOMS,
MAUI COUNTY**

2004	Number of Sleeping Rooms & Suites	Maximum Exhibit Area (sq. ft.)	Maximum Meeting/Banquet Seating Capacity	Number of Employees (or FTE)	Average Occupancy Rate
Hyatt Regency Maui Resort and Spa Lahaina, Maui	806	16,640	1,400	850	81.0%
Grand Wailea Resort Hotel & Spa Wailea, Maui	780	26,700	1,600	850	DND
The Westin Maui Resort & Spa Lahaina, Maui	759	8,760	650	DND	DND
The Ritz-Carlton Kapalua Kapalua, Maui	548	19,200	1,200	650	DND
Wailea Marriott, an Outrigger Resort Wailea, Maui	521	13,800	1,100	325	70.0%
The Royal Lahaina Resort Lahaina, Maui	516	7,890	800	DND	DND
Sheraton Maui Resort Lahaina, Maui	510	6,560	600	DND	DND
Aston Kaanapali Shores Lahaina, Maui	463	NA	NA	DND	DND
Fairmont Kea Lani Maui Wailea, Maui	450	8,400	450	500	DND
Kaanapali Beach Hotel Lahaina, Maui	430	4,631	600	280	76.0%
Maui Marriott Resort & Ocean Club Lahaina, Maui	391	14,040	1,700	DND	DND
Ohana Maui Islander Lahaina, Maui	360	NA	NA	DND	DND
The Whaler on Kaanapali Beach Lahaina, Maui	359	NA	NA	DND	DND
Renaissance Wailea Beach Resort Wailea, Maui	345	7,000	400	294	82.0%
Maui Prince Hotel, Makena Wailea, Maui	310	5,200	350	DND	DND
Maui Marc Vista Kihei, Maui	279	NA	NA	5	78.0%
Maui Coast Hotel Kihei, Maui	265	980	60	70	87.0%
Manele Bay Hotel Lanai City, Lanai	249	NA	299	500	60.0%
Kapalua Bay Hotel Kapalua, Maui	210	3,000	250	227	69.5%
Maui Seaside Hotel Kahului, Maui	200	NA	NA	DND	DND
Lodge at Koele Lanai City, Lanai	102	NA	70	200	57.0%
Hotel Hana-Maui Hana, Maui	66	NA	100	200	40.0%

DND: Did not disclose. NA: Not applicable / not available. FTE: Full time equivalent.

SOURCE: *Pacific Business News*, "Largest Maui County Hotels," *Book of Lists 2005*.

10.3.1

**EXPENDITURES PER PERSON PER DAY
BY UNITED STATES AND JAPANESE VISITORS,
STATE OF HAWAII**

*In dollars; excludes transpacific travel costs
(Arrivals by Air)*

Expenditure Type	US EAST		US WEST		JAPAN	
	2003	2004	2003	2004	2003	2004
GRAND TOTAL	163.3	172.7	153.0	147.6	240.1	251.5
Total Food and beverage	35.4	36.1	32.0	31.3	41.3	43.0
Restaurant food	25.6	25.8	21.6	20.9	27.9	29.8
Dinner shows and cruises	4.6	4.4	4.1	3.3	5.6	5.5
Groceries and snacks	5.1	5.9	6.3	7.1	7.9	7.7
Entertainment & Recreation ¹	14.7	18.8	12.1	13.9	18.2	18.5
Total Transportation	17.5	13.4	16.2	21.2	12.6	13.4
Interisland airfare	2.8	5.6	1.2	6.5	4.8	5.6
Ground transportation	1.4	5.0	0.8	1.0	4.7	5.0
Rental vehicles	11.5	2.4	12.7	12.2	2.8	2.4
Gasoline, parking, etc.	1.8	0.3	1.6	1.5	0.3	0.3
Total Shopping	25.5	25.0	21.4	20.7	89.9	98.9
Fashion and clothing	9.0	8.6	8.1	8.0	22.4	24.6
Jewelry and watches	5.7	6.4	4.5	4.4	12.6	14.5
Cosmetics, perfume	0.3	0.5	0.3	0.4	5.4	5.8
Leather goods	0.4	0.5	0.4	0.5	30.4	34.6
Hawaii food products	2.6	2.3	2.2	2.3	9.7	10.1
Souvenirs	7.4	6.7	5.9	5.0	9.5	9.3
Lodging	64.1	63.3	64.9	57.7	61.3	60.3
All other expenses	6.2	8.4	6.5	6.6	16.7	17.4
Optional tour packages ¹	NA	NA	NA	NA	NA	NA

NOTE: Categories marked 'NA' (not applicable) reflect differences between questionnaires given to visitors from the United States and Japan.

¹ Due to changes in survey forms in 2003 and 2004, spending on optional tours included in the Entertainment & Recreation category for 2003 and 2004.

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *2004 Annual Visitor Research Report*.

10.3.2

VISITOR SPENDING, MAUI AND MOLOKAI

Spending per Person per Day	MAUI					MOLOKAI
	All Visitors	U.S. East	U.S. West	Canada	Residents ¹	All Visitors
Total Lodging	76.85	83.77	76.08	57.78	32.88	37.76
Total Food & Beverage	34.76	40.80	32.58	23.54	25.81	17.17
Food at Restaurants	24.03	30.13	21.80	13.37	18.17	9.41
Dinner Shows	3.70	4.77	3.34	2.00	1.11	0.07
Groceries	7.03	5.90	7.44	8.17	6.53	7.69
Total Entertainment²	15.72	21.81	13.71	8.11	13.44	6.61
Total Transportation	17.04	19.43	16.32	13.72	10.95	11.78
Ground transportation	0.93	2.08	0.45	0.27	0.06	0.27
Rental vehicles	14.86	15.80	14.74	12.50	8.93	9.92
Other transportation	1.25	1.55	1.13	0.96	1.97	1.59
Total Shopping	20.65	24.69	19.47	11.04	9.77	5.58
Fashion and clothing	8.38	9.36	8.01	5.77	3.74	2.12
Jewelry / watch	4.54	6.03	4.18	1.46	1.65	0.62
Cosmetics/perfumes	0.31	0.34	0.31	0.09	0.34	0.05
Leather goods	0.45	0.45	0.45	0.09	0.02	0.13
Hawaii food products	1.76	1.94	1.75	0.91	1.43	1.18
Souvenirs	5.21	6.56	4.77	2.72	2.58	1.49
All Other	7.51	9.37	7.00	4.83	7.70	3.61
Tour Packages²	0.00	0.00	0.00	0.00	0.00	0.00
Cruise	0.11	0.19	0.06	0.08	0.00	0.06
Total Spending	172.64	200.05	165.21	119.10	100.56	82.58

¹ Hawaii Residents Traveling Inter-Island.

² Due to changes in survey forms in 2003, spending on optional tours included in the Entertainment category for 2003.

10.3.3

SUMMARY VISITOR CHARACTERISTICS, MAUI COUNTY

Arrivals by Air

2004	Total	Domestic	International
Islands Visited			
Maui County	2,207,826	1,937,797	270,029
... Maui	2,156,242	1,895,582	260,660
... Molokai	72,134	57,987	14,147
... Lanai	73,424	63,172	10,253
Oahu	756,016	571,542	184,474
Kauai	315,367	278,891	36,476
Big Island	343,917	290,366	53,550
... Kona	200,244	161,609	38,634
... Hilo	277,868	233,558	44,311
Maui Only	1,217,987	1,145,099	72,888
Molokai Only	8,590	8,295	295
Lanai Only	9,178	8,530	648
Visit Status			
First trip	798,362	689,736	108,627
Repeat	1,409,464	1,248,061	161,403
Average number of trips	4.59	4.67	4.01
Party Size			
One person	308,205	270,428	37,777
Two persons	1,031,357	919,615	111,742
Three or more persons	868,264	747,754	120,510
Average party size	2.13	2.11	2.27
Accommodations			
Hotel	1,351,104	1,150,182	200,922
... Hotel Only	1,088,990	918,461	170,529
Condo	625,163	569,350	55,812
... Condo Only	473,284	434,916	38,368
Timeshare	185,439	177,074	8,365
... Timeshare Only	127,455	122,433	5,022
Apartment/Rental House	54,624	50,447	4,177
Bed & Breakfast	27,469	24,526	2,943
Cruise Ship	115,050	104,476	10,574
Friends or Relatives	141,700	124,053	17,647

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2004 Annual Visitor Research Report.

10.3.4

SUMMARY VISITOR CHARACTERISTICS, BY ISLAND

Arrivals by Air

2004	Maui	Molokai	Lanai
Islands Visited			
Maui County	2,155,561	72,099	73,388
... Maui	2,155,561	43,485	48,244
... Molokai	43,485	72,099	16,226
... Lanai	48,244	16,226	73,388
Oahu	729,593	41,890	37,240
Kauai	307,459	19,855	23,034
Big Island	333,773	22,999	27,031
... Kona	195,478	17,408	19,845
... Hilo	269,847	19,715	23,840
Maui Only	1,217,987		
Molokai Only		8,590	
Lanai Only			9,178
Visit Status			
First trip	784,913	25,655	26,860
Repeat	1,370,648	46,444	46,528
Average number of trips	4.55	5.14	5.10
Party Size			
One person	297,728	13,942	11,954
Two persons	1,007,060	34,366	38,123
Three or more persons	850,773	23,791	23,311
Average party size	2.14	1.97	2.01
Accommodations			
Hotel	1,317,475	41,546	50,327
... Hotel Only	1,061,754	27,728	37,323
Condo	615,271	18,748	12,682
... Condo Only	466,595	11,785	7,925
Timeshare	182,738	4,452	4,512
... Timeshare Only	125,984	2,347	2,608
Apartment/Rental House	51,154	4,763	2,186
Bed & Breakfast	26,536	2,000	1,292
Cruise Ship	113,989	6,299	9,702
Friends or Relatives	134,703	9,381	6,329

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2004 Annual Visitor Research Report.

10.3.5

CRUISE VISITOR PER PERSON PER DAY SPENDING BY CATEGORY AND MMA, STATE OF HAWAII

	Passenger Type		Visitors by MMA Expenditure				
	Visitor	Resident in Hawaii	US West	US East	Canada	Europe	Other
Total Lodging	\$15.75	\$8.06	\$11.14	\$16.66	\$22.45	\$20.97	\$21.55
Total Food & Beverage	\$12.15	\$9.08	\$10.68	\$12.75	\$14.49	\$12.80	\$14.70
Food at Restaurants	\$5.74	\$5.40	\$4.69	\$5.91	\$8.48	\$6.08	\$7.14
Dinner Shows	\$3.40	\$1.10	\$3.29	\$3.75	\$2.59	\$1.47	\$4.36
Groceries	\$1.24	\$1.85	\$1.36	\$1.10	\$1.87	\$1.50	\$1.45
Other Food Expenditures	\$1.77	\$0.73	\$1.35	\$2.00	\$1.55	\$3.74	\$1.75
Total Entertainment	\$3.96	\$2.04	\$3.84	\$4.14	\$3.29	\$2.86	\$5.50
Total Transportation	\$9.31	\$8.11	\$8.30	\$10.29	\$8.04	\$9.12	\$10.89
Inter-island airfare	\$3.88	\$3.99	\$3.16	\$4.43	\$2.70	\$5.69	\$4.50
Ground transportation	\$1.68	\$0.71	\$1.35	\$1.74	\$1.63	\$1.64	\$2.93
Rental vehicles	\$3.21	\$2.62	\$3.20	\$3.51	\$3.23	\$1.60	\$3.06
Other transportation	\$0.54	\$0.79	\$0.58	\$0.61	\$0.48	\$0.19	\$0.40
Total Shopping	\$17.77	\$14.45	\$17.28	\$18.47	\$16.63	\$15.68	\$22.48
Fashion and Clothing	\$5.17	\$5.22	\$5.01	\$5.09	\$5.43	\$4.73	\$7.57
Jewelry / Watch	\$4.59	\$2.26	\$4.53	\$4.96	\$3.23	\$3.91	\$5.58
Cosmetics / Perfumes	\$0.41	\$0.38	\$0.38	\$0.36	\$0.35	\$0.36	\$1.00
Leather Goods	\$0.23	\$0.23	\$0.20	\$0.19	\$0.28	\$0.40	\$0.49
Hawaii food Products	\$1.64	\$0.88	\$1.71	\$1.79	\$1.62	\$0.78	\$1.48
Souvenirs	\$4.26	\$4.06	\$4.00	\$4.74	\$3.95	\$3.48	\$4.22
Other Shopping	\$1.47	\$1.43	\$1.45	\$1.35	\$1.77	\$2.03	\$2.13
All Other Expenses	\$9.10	\$13.81	\$8.72	\$10.01	\$7.44	\$5.49	\$10.83
Shore Tour Spending	\$25.46	\$9.47	\$22.20	\$30.44	\$17.12	\$23.72	\$23.61
Shore Tour: Honolulu (Oahu)	\$3.82	\$0.52	\$3.25	\$4.63	\$2.88	\$2.22	\$3.71
Lahaina (Maui)	\$4.32	\$1.44	\$3.74	\$5.27	\$2.56	\$4.56	\$3.63
Kahului (Maui)	\$3.08	\$1.43	\$2.40	\$3.91	\$1.68	\$2.86	\$2.78
Kona side (Big Island)	\$3.71	\$1.86	\$3.36	\$4.31	\$2.60	\$4.60	\$3.27
Hilo side (Big Island)	\$5.16	\$2.26	\$4.63	\$5.97	\$3.71	\$4.41	\$5.43
Nawiliwili (Kauai)	\$5.36	\$1.96	\$4.82	\$6.35	\$3.68	\$5.06	\$4.79
Unallocated Expenditures	\$31.84	\$24.52	\$26.55	\$38.18	\$19.50	\$27.84	\$19.05
Total Spending Per Person Per Day	\$125.34	\$89.53	\$108.72	\$140.93	\$108.97	\$118.49	\$128.60

SOURCE: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2004 Annual Visitor Research Report.

10.3.6
CRUISE SHIP PASSENGER NUMBERS VISITING
MAUI IN 2003 AND 2004

	Arrived		Projected ⁴		
	2003	2004 ¹	2005	2006	2007
Approximate Passenger Visits					
Maui	340,495	271,700	345,449	485,659	476,296
Lahaina		152,106	162,054	181,448	128,466
Kahului		119,594	183,395	304,211	347,830
Approximate Crew Visits	110,000	103,000			
Number of Ships Arrived					
Maui	18 ²	23 ²			
Lahaina	16	19	18	19	6
Kahului	5	6	5	6	5
Approximate number of Times a Cruise Ships Stopped in					
Maui	123 ²	131 ²			
Lahaina	68	85			
Kahului	60	59			
Approximate Number of Days Cruise Ships Spent In³					
Maui	160	200			
Lahaina	99	113	96	98	NA
Kahului	61	87	166	276	332

NA Not Available

¹ Calculated using passenger and crew capacity figures from Cruise Line International Association, and Lahaina and Kahului harbor schedules.

² Some Ships stopped in both Kahului and Lahaina.

³ Some ships made overnight stays in harbor.

⁴ Calculated using passenger and crew capacity figures from Cruise Line International Association and Kahului and Lahaina harbor schedules published in April 2005.

SOURCE: *Mayor's Cruise Ship Task Force, Island of Maui, Final Report August 15, 2005.*

10.3.7

MAJOR CRUISE SHIPS VISITING MAUI

Cruise Line	Vessel	Gross Tonnage	Length (feet)	Registry	PAX & Crew Capacity	Maui Tours 2003	Maui Tours 2004
Carnival Cruise Lines (Carnival)	Carnival Spirit	88,500	963	Panama	2,038	5	4
Celebrity Cruises (Royal Caribbean)	Infinity	91,000	965	Bahamas	3,597	10	7
NCL (Star Cruises)	Crown Odyssey*	34,250	614	Bahamas	354	1	0
Crystal Cruises (Nippon Yusen)	Crystal Harmony	49,400	790	Bahamas	1,355	2	5
Holland America (Carnival)	Amsterdam	61,000	780	Netherlands	1,485	1	1
Holland America (Carnival)	Statendam	55,451	720	Netherlands	3,150	7	8
Holland America (Carnival)	Veendam	55,451	720	Bahamas	2,949	0	2
Kuoni Travel Group	Clipper Odyssey*	5,218	207	Bahamas	3,486	0	1
NCL (Star Cruises)	Norwegian Star	92,000	965	Bahamas	2,796	52	2
NCL (Star Cruises)	Norwegian Wind	41,000	754	Bahamas	1,080	11	21
NCL America (Star Cruises)	Pride of Aloha	81,000	853	US	910	0	25
New World Cruises	M/V Discovery*	20,186		Bermuda	3,340	0	1
Peter Dielmann Cruise Lines	MS Deutschland*	22,400		-	2,448	0	1
Princess Cruises (Carnival)	Dawn Princess	77,000	856	Bermuda	1,057	4	0
Princess Cruises (Carnival)	Island Princess	92,000	856	Bermuda	2,802	0	7
Princess Cruises (Carnival)	Pacific Princess	30,277	592	Gibraltar	3,359	0	2
Princess Cruises (Carnival)	Regal Princess	70,000	804	Bermuda	2,286	3	6
Princess Cruises (Carnival)	Sun Princess	77,000	856	Britain	3,392	4	0
Radisson Seven Seas Cruises	Seven Seas Mariner	50,000	670	Bahamas	1,145	1	0
Radisson Seven Seas Cruises	Seven Seas Voyager	46,000	670	Bahamas	1,147	0	1
Royal Caribbean International	Legend of the Seas	69,130	867	Bahamas	1,823	12	12
Royal Caribbean International	Radiance of the Seas	90,090	962	Bahamas	3,150	4	2
Royal Caribbean International	Serenade of the Seas	90,090	962	Bahamas	1,823	0	4
Royal Caribbean International	Vision of the Sea	78,491	915	Bahamas	3,095	1	2

* Ships no longer traveling to Maui.

SOURCE: Cruise Line International Association and Mayor's Cruise Ship Task Force, Island of Maui, Final Report August 15, 2005.

10.4.1

ACTIVITY PARTICIPATION MAUI BY VISITOR CATEGORY, MAUI COUNTY

Activity	U.S. Total	U.S. West	U.S. East	Japan	Canada	Europe
Sightseeing	90.7%	88.8%	93.6%	91.0%	95.8%	93.3%
Helicopter / airplane tour	8.3%	8.1%	8.8%	5.5%	7.3%	7.5%
Boat tour / submarine / whale watching	35.0%	33.6%	36.7%	18.1%	40.1%	29.3%
Tour bus excursion	11.3%	6.9%	17.5%	49.8%	14.2%	16.9%
Private limousine / van tour	5.9%	4.8%	7.3%	7.4%	4.9%	15.2%
Self-guided	74.6%	77.4%	71.0%	30.6%	79.3%	69.4%
Recreation	88.1%	92.3%	82.7%	54.5%	87.0%	85.0%
Swimming / sunbathing / beach	80.4%	84.9%	74.8%	42.4%	81.4%	78.6%
Surfing/bodyboarding	24.0%	30.1%	16.3%	2.3%	30.4%	16.9%
Snorkeling / scuba diving	53.1%	58.2%	46.3%	17.0%	50.6%	38.6%
Jet skiing / parasailing / windsurfing	6.4%	7.2%	5.3%	0.9%	2.4%	4.5%
Golf	15.6%	18.3%	11.7%	11.9%	20.5%	6.3%
Running / jogging / fitness walking	34.7%	38.7%	29.3%	9.4%	40.4%	19.2%
Gym / health spa	15.1%	16.0%	14.0%	4.4%	11.1%	6.7%
Backpacking / hiking / camping	14.2%	14.0%	14.8%	2.6%	15.7%	15.1%
Sports event or tournament	1.8%	1.8%	1.6%	0.5%	4.3%	2.3%
Entertainment	79.5%	81.7%	76.6%	66.6%	70.8%	68.0%
Lunch / sunset / dinner / evening cruise	30.6%	30.7%	30.5%	21.1%	28.8%	32.3%
Lounge act / stage show	29.3%	32.1%	25.4%	9.0%	22.5%	16.0%
Nightclub / dancing / bar / karaoke	12.7%	13.4%	12.0%	1.6%	11.4%	16.7%
Fine dining	62.5%	64.2%	60.6%	56.8%	53.0%	44.4%
Shopping	92.4%	95.5%	88.1%	64.2%	92.6%	89.8%
Department stores	37.8%	40.8%	34.5%	6.3%	49.8%	48.6%
Designer boutiques	47.3%	50.8%	43.1%	19.4%	46.9%	30.6%
Hotel stores	43.1%	43.7%	42.4%	26.1%	36.2%	27.1%
Swap meet / flea markets	19.7%	22.3%	16.2%	5.3%	25.5%	11.9%
Discount / outlet stores	36.4%	38.5%	33.2%	13.7%	39.3%	26.1%
Supermarkets	64.4%	75.0%	50.3%	28.9%	67.2%	65.4%
Convenience stores	52.9%	56.0%	48.5%	35.3%	60.0%	36.0%
Duty free store	3.9%	4.1%	3.6%	7.6%	6.3%	9.0%
Culture	72.1%	70.8%	74.3%	33.0%	72.4%	61.8%
Historic site	43.5%	41.9%	46.5%	21.0%	48.0%	44.6%
Museum / art gallery	26.8%	29.8%	22.9%	9.5%	28.2%	21.0%
Polynesian show / luau	40.8%	38.8%	43.5%	9.8%	35.5%	25.6%
Art / craft fair	17.7%	20.5%	14.7%	1.5%	18.8%	11.0%
Festival	3.6%	4.5%	2.3%	2.2%	2.5%	3.1%
Transportation	87.9%	91.6%	83.1%	47.8%	88.2%	84.1%
Trolley	1.7%	1.7%	1.6%	7.6%	2.7%	5.2%
Public Bus	4.5%	4.2%	4.9%	4.4%	6.1%	10.8%
Taxi / limousine	9.1%	9.0%	10.0%	19.8%	11.8%	17.5%
Rental car	82.4%	87.7%	75.5%	22.1%	80.2%	69.7%

NOTE: Percentages sum more than 100 percent due to multiple island visitation and multiple activities.

SOURCE: Department of Business, Economic Development and Tourism. 2004, *Visitor Satisfaction & Activity Report*.

10.4.2

EXCELLENT SATISFACTION RATINGS BY ISLAND, US AND JAPAN VISITORS

Year	State	Maui	Oahu	Big Island	Kauai
U.S. Visitors					
1998	68.0%	70.0%	65.0%	72.0%	70.0%
2001	68.6%	69.4%	67.5%	70.4%	74.1%
2002	69.3%	70.1%	57.7%	65.5%	75.5%
2003	72.4%	73.6%	60.1%	65.1%	76.4%
2004	68.2%	70.3%	55.8%	63.2%	73.3%
Japan Visitors					
1998	41.0%	38.0%	41.0%	35.0%	42.0%
2001	53.9%	52.7%	55.4%	51.3%	39.8%
2002	48.7%	51.9%	48.5%	55.6%	45.5%
2003	52.0%	53.7%	55.1%	57.3%	41.6%
2004	51.0%	53.0%	53.4%	57.7%	46.3%

SOURCE: Department of Business, Economic Development and Tourism, *2004 Visitor Satisfaction & Activity Report*.

10.4.3

MAUI COUNTY VISITATION DECISION TIMETABLE

% OF TOTAL VISITORS BY MMA

Island	Total U.S.	U.S. West	U.S. East	Japan	Canada	Europe
Maui						
Decide before arrival in Hawaii	95.3%	94.4%	96.0%	90.3%	95.4%	86.2%
Decide after arrival in Hawaii	4.7%	5.6%	4.0%	9.7%	4.6%	13.8%
Molokai						
Decide before arrival in Hawaii	52.7%	51.5%	52.7%	49.7%	65.7%	57.0%
Decide after arrival in Hawaii	47.3%	48.5%	47.3%	50.3%	34.3%	43.0%
Lanai						
Decide before arrival in Hawaii	54.9%	47.8%	59.2%	76.6%	66.3%	70.3%
Decide after arrival in Hawaii	45.1%	52.2%	40.8%	23.4%	33.7%	29.7%

SOURCE: Department of Business, Economic Development and Tourism, *2004 Visitor Satisfaction & Activity Report*.

10.4.4

**OVERALL ISLAND EXPERIENCE,
MAUI COUNTY,
ALL VISITOR CATEGORIES**

Experience	U.S Total	U.S. West	U.S. East	Japan	Canada	Europe
Maui Island						
Excellent	70.3%	68.5%	72.8%	53.0%	69.0%	67.0%
Above Average	25.8%	27.5%	23.6%	43.1%	26.9%	28.8%
Below Average	2.9%	3.0%	2.7%	3.2%	4.1%	3.4%
Poor	1.0%	1.1%	0.8%	0.7%	0.0%	0.8%
Molokai						
Excellent	57.8%	58.8%	56.5%	49.7%	31.6%	44.0%
Above Average	34.0%	34.3%	33.6%	40.9%	29.8%	54.9%
Below Average	6.4%	3.9%	9.8%	9.4%	29.6%	1.1%
Poor	1.7%	3.0%	0.0%	0.0%	9.0%	0.0%
Lanai						
Excellent	60.9%	62.4%	60.2%	19.1%	52.2%	54.7%
Above Average	34.5%	31.8%	36.6%	80.9%	34.7%	39.1%
Below Average	3.7%	4.1%	3.2%	0.0%	10.0%	5.2%
Poor	0.9%	1.7%	0.0%	0.0%	3.2%	1.0%

SOURCE: Department of Business, Economic Development and Tourism., 2004 Visitor Satisfaction & Activity Report.

10.4.5

**VISITORS BY INCOME LEVEL,
BY MMA, MAUI COUNTY**

Income	Total U.S.	U.S. West	U.S. East	Canada	Europe¹
Under \$15,000	0.6%	0.4%	0.8%	1.3%	2.5%
\$15,000 - \$24,999	2.7%	3.3%	1.8%	3.1%	6.5%
\$25,000 - \$29,999	1.6%	1.7%	1.7%	3.0%	4.0%
\$30,000 - \$34,999	2.3%	1.8%	3.1%	1.1%	3.8%
\$35,000 - \$39,999	2.1%	2.4%	1.9%	3.5%	3.2%
\$40,000 - \$44,999	2.6%	2.4%	2.9%	4.1%	5.1%
\$45,000 - \$49,999	3.6%	2.7%	4.8%	2.8%	4.8%
\$50,000 - \$69,999	13.8%	13.5%	14.3%	15.7%	15.4%
\$70,000 - \$99,999	23.7%	23.6%	23.5%	21.6%	21.5%
\$100,000 - \$124,999	15.7%	15.6%	16.2%	14.7%	12.2%
\$125,000 - \$149,999	8.8%	8.4%	9.2%	8.5%	5.5%
\$150,000 or more	22.5%	24.0%	19.8%	20.6%	15.6%
Japan					
10,000 Japanese Yen					
Under 150	4.3%				
150 - 249.999	2.7%				
250 - 299.999	3.2%				
300 - 349.999	6.8%				
350 - 399.999	4.9%				
400 - 449.999	3.0%				
450 - 499.999	4.4%				
500 - 699.999	13.5%				
700 - 999.999	27.9%				
1,000 - 1,249.999	11.2%				
1,250 - 1,499.999	6.7%				
1,500 or more	11.5%				

¹ In U.S. Dollars

SOURCE: Department of Business, Economic Development and Tourism, 2004 Visitor Satisfaction & Activity Report.

10.5.1

**ATTENDANCE AT MUSEUMS
AND OTHER CULTURAL ATTRACTIONS,
MAUI COUNTY**

Calendar year unless otherwise specified

Island and Cultural Attraction	2001	2002	2003	2004
Maui				
Alexander & Baldwin Sugar Museum	31,004	33,386	32,818	35,483
Halekii-Pihana Heiaus State Monument ¹	NA	NA	NA	NA
Hana Cultural Center (Hale Wai Wai O Hana)	17,009	16,114	NA	NA
Hawaii Nature Center	41,003	NA	NA	NA
Iao Valley State Monument ¹	NA	NA	NA	NA
Kula Botanical Gardens	24,200	27,050	26,030	26,175
Lahaina Restoration Foundation	210,349	154,898	143,341	148,784
Baldwin Missionary Home Museum	45,106	37,438	35,282	40,927
Brig Carthaginian ²	39,476	19,343	-	-
Hale Pa'ahao (Old Lahaina Prison)	29,877	24,632	27,834	28,536
Hale Pa'i Printing House	3,184	2,101	2,416	3,068
Wo Hing Temple Museum	92,706	71,384	77,809	76,253
Maui Historical Society Bailey House Museum	11,681	12,780	12,003	12,651
Maui Ocean Center	NA	NA	NA	417,386
Maui Tropical Plantation	NA	NA	NA	NA
Whaler's Village Museum	177,024	186,508	176,495	178,906
Molokai				
Kalaupapa Settlement	8,956	14,178	9,791	9,122

NA: Not available, open.

¹ Years ending June 30.

² Closed permanently.

SOURCE: Hawaii State Department of Business, Economic Development & Tourism, Research and Economic Analysis Division, *State of Hawaii Data Book 2004*, Table 7.40; and records.

10.5.2

NATIONAL AND STATE HISTORIC SITES, MAUI COUNTY

2002	Maui	Kahoolawe	Lanai	Molokai	Total Maui County
Listed Hawaii Register only	31	–	–	41	72
Listed National Register only	4	1	–	10	15
Listed both Hawaii and National Register	31	–	2	40	73
Eligible for National Register ¹	1	–	–	2	3
Total sites	67	1	2	93	16

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, 2004.

10.5.3

NATIONAL, STATE AND COUNTY PARKS, MAUI COUNTY

Parks	2000	2001	2002	2003	2004
National Parks¹					
Number of areas	2	2	2	2	2
Acreage	28,991	28,991	39,747	40,747	40,747
Visits	1,736,160	1,503,068	1,610,996	1,502,640	1,517,274
State Parks & Historic Sites²					
Number of areas	10	10	10	10	9
Acreage	566	566	566	566	566
Visits (1,000)	1,921	1,747	1,522	1,553 ^r	NA
County Parks					
Number of areas	143	143	150 ^r	150	NA
Acreage	1,198	1,198	1,307 ^r	1,307	NA

NA: Not available.

r: Revised from previous Data Book

¹ As of December 31.

² As of June 30.

SOURCES: U.S. Department of the Interior, National Park Service, Public Use Statistics Office, acreage and visitation reports, Hawaii State Department of Land and Natural Resources, Division of State Parks, records. County data compiled by the Hawaii State Department of Business, Economic Development & Tourism from data provided by county parks and recreation departments.

10.5.4

PARK MAINTENANCE, MAUI COUNTY DEPARTMENT OF PARKS AND RECREATION

Performance Measures:	FY 1999	FY 2000	FY 2001	FY 2002
Total number of repair requests	1,678	1,937	2,046	1,946
Completed repair requests	1,632	1,921	1,998	1,938
Emergency requests	239	262	302	325
Percentage of emergency requests responded to within 24 hours	95%	95%	95%	96%
Completed projects				132
Inventory of parks (does not include Waiehu Golf Course)	132	133	136	136
Park acres (does not include Waiehu Golf Course)	1,229	1,334	1,342	1,342
Additional street trees planted	73	58	61	58
Additional park trees planted	420	466	114	157
Number of park trees trimmed by contractors	4,124	3,852	4,784	4,892
Number of park trees trimmed in-house	286	291	226	274

SOURCE: Office of the Mayor, Budget Office, *County Budgets 2001-2004*.

10.5.5

SEAWEED REMOVAL FROM MAUI BEACHES

Item	FY2001	FY 2002	FY 2003	FY 2004	FY 2005
Seaweed removal - tons collected	5,406	3,128	2,101	3,500	2,800
Seaweed removal - complaints received	28	46	2	2	2
Seaweed removal - cost per ton to pick up	\$16.38	\$14.71	\$29.24	\$30.00	\$29.70

SOURCE: Office of the Mayor, Budget Office, *County Budgets 2002-2006*.

10.6.1

**SEATING CAPACITIES OF SELECTED FACILITIES,
MAUI COUNTY**

Facility	Capacity
Stadiums, Auditoriums and Gymnasiums	
War Memorial Complex	
Track & Football Stadium	6,000
Baseball Stadium	1,200
Gym	2,996
Kamehameha School Stadium	2,200
Kamehameha Middle School Gym	700
Kamehameha High School Gym	1,800
Maui High Gym	2,000
Baldwin High Auditorium	1,183
Seabury Hall Gym	400
Wailuku Gym	600
Civic Centers and Theaters	
Iao Theater	400
Lahaina Civic Center Convention Hall	4,050
Maui Academy of Performing Arts	60
Maui Arts & Cultural Center	
Ampitheater	4,000
Castle Theater	1,200
Gallery	400
Theater Stage	400
McCoy Theater	300
Community Hall	230
Classroom C	160
Mayor Eddie Tam Memorial Center	1,500
Mayor Eddie Tam Hall	380
Hannibal Tavares Community Center	559
Kihei Community Center (new)	500
Wailuku Community Center	500
Kahului Community Center	200
Haiku Community Center	178
Paia Community Center	230
Kula Community Center	180
Upcountry Community Center	556
Upcountry Community Center (2 halls each)	96
Kalama Park Extension	250
Mitchell Pauole Center	246
Maui Community College Student Center Lounge	100
Churches	
First Assembly of God Maui (Puunene Avenue)	2,000
First Assembly of God (Kane Street)	500
St. Anthony Church	500
Makawao Union Church	350
First Assembly of God Maui (Kula)	250
Makawao Union Church Hall	200
First Assembly of God Maui (Molokai)	200
Iao Congregational	175
Iao Congregational Hall	100
St. John Episcopal Church	100
St. John Episcopal Church Hall	200
Trinity Episcopal Church by the Sea	100

SOURCE: Officials of the facilities.

10.7.1

DOG LICENSES ISSUED, BY ISLAND

Year	State Total	Maui ^{1,2}	Lanai	Molokai	Oahu	Hawaii	Kauai
1993	27,586	2,427	26	46	20,081	4,006	1,000
1994	29,010	3,171	26	57	19,485	4,099	2,172
1995	28,442	1,446	82	48	20,030	4,911	1,925
1996	30,376	699	32	58	21,245	5,381	2,961
1997	28,395	1,378	33	80	19,713	5,871	1,320
1998	28,645	649	35	83	19,861	5,777	2,240
1999	28,245	4,473r	29	84	20,039	6,311	1,201
2000	26,560	4,587r	57	25	20,066	5,627	785
2001	31,068	4,285r	(NA)	(NA)	18,761	5,919	2,103
2002	27,115	4,420r	50	30	17,752	6,809	1,848
2003	29,519	2,901	12	47	16,673	6,786	3,100
2004	NA	3,977	45	32	NA	8,085	1,942

NA: Not available.

¹ Beginning in January 1995, the number of registrations issued by the animal shelter was not included in the count. Therefore, the figures for 1995-1999 were affected by this change.

² From year 2000 Maui County reported data in fiscal year, in 2001 Maui County reported 674 licenses issued which includes Lanai and Molokai figures and animal shelter data obtained for the same period were 3,611.

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 2000-2004).

10.7.2

**ANIMAL ACQUISITIONS AND DISPOSITIONS,
MAUI HUMANE SOCIETY, MAUI ISLAND**

Period July 2003 - Jan. 2004

Acquisitions & Dispositions	Dogs	Percent	Cats	Percent	Other	Percent
Area						
Upcountry	453	24%	592	22%		
Hana	93	5%	36	1%		
Kihei	167	9%	369	13%		
Kahului	133	7%	351	13%		
Wailuku	238	13%	439	16%		
Lahaina	96	5%	451	16%		
Left at Shelter	384	21%	367	13%		
Cremations	290	16%	138	5%		
Total	1,854	100%	2,743	100%		
Acquisitions All Areas						
Strays	979	53%	1,919	70%	437	62%
Owner turn ins	875	47%	824	30%	270	38%
Total	1,854	100%	2,743	100%	707	100%
Dispositions						
Reclaim by Owner	376	20%	85	3%	5	1%
Cremation	290	16%	138	5%		0%
DOA	34	2%	194	7%	10	1%
Not Adoptable	407	22%	1,590	58%	290	41%
Total Available for Adoption	747	40%	723	26%	423	60%
Adoptable Dispositions						
Adopted	394	53%	437	60%	150	35%
Adoptable Euthanized	353	47%	286	40%	273	65%
Total	747	100%	723	100%	423	100%

SOURCE: Maui Humane Society, records.

10.7.3

MAUI HUMANE SOCIETY CALL SLIPS AND CITATIONS ISSUED

(Period July 2003 - Jan. 2004)

Call Slips	Number	Percent
Lease Law	1,226	27%
No Tax	208	5%
Barking	183	4%
Cruelty/Neglect	597	13%
Home Inspection	364	8%
Injured Animals	80	2%
Large animal trespass	4	0%
Spay/Neuter Reclaims	3	0%
Abandonment	21	0%
Vicious Dog recheck	54	1%
Dog to Dog Bites	24	1%
Dog to Human Bites	45	1%
Dog to Other Bites	3	0%
Pickup/Deliver/misc	446	10%
Stray Dog pick up	295	6%
DOA's	315	7%
Stray Cat Pick up	603	13%
Pick up Police Reports, license	137	3%
Other Animal Pick up	5	0%
Total	4,613	100%

Citations Issued	Number	Percent
UpCountry	100	36%
Hana	7	3%
Kihei	51	19%
Kahului	29	11%
Wailuku	58	21%
Lahaina	30	11%
Total	275	100%

SOURCE: Maui Humane Society, records.

Section 11

DOMESTIC TRADE

This final section covers data on manufactures, service establishments, professional firms, retail trade, industrial parks and the general excise tax base. Also included is a list of Maui County's largest private corporations.

The largest private corporation based in Maui is Maui Land & Pineapple with 1,240 employees, and sales of \$153 million in 2004. Maui County is moving into the high technology development phase, with a public-private partnership working to develop the Maui Research & Technology Park at Kihei to support emerging high technology business.

11.1.1

**MANUFACTURING
MAUI COUNTY AND STATE OF HAWAII**

Includes operating manufacturing establishments and auxiliaries

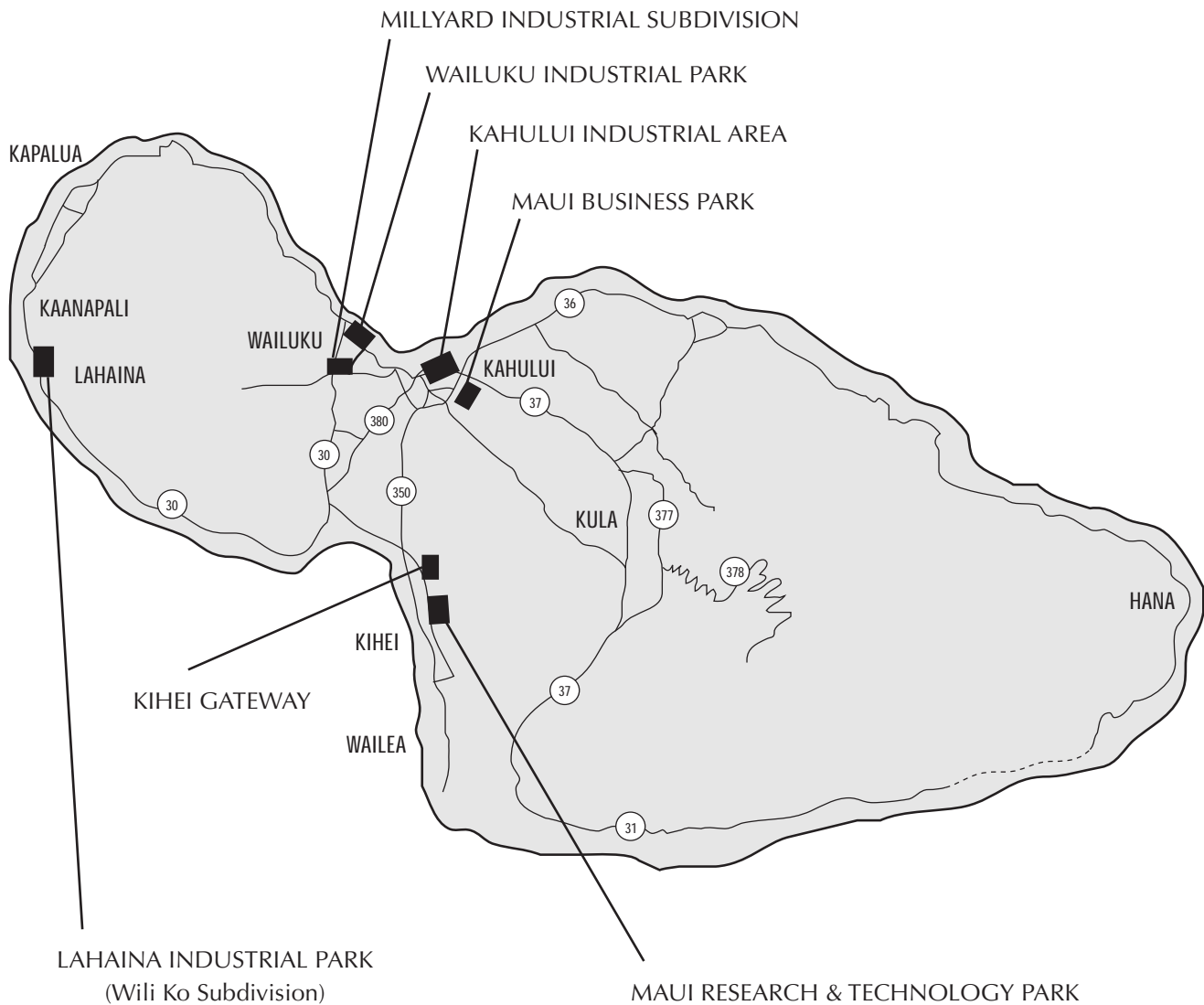
2002	MAUI COUNTY		STATE OF HAWAII	
	All	Food	All	Food
All Establishments				
Total (number)	93	34	929	259
With 20 employees or more (number)	8	4	157	54
All Employees				
Number	1,491	1,159	13,200	5,224
Payroll (\$1,000)	50,232	36,512	421,269	145,699
Production Workers				
Number	1,141	932	8,865	3,597
Hours (1,000)	2,204	1,791	16,837	6,693
Wages (\$1,000)	35,640	27,631	254,713	90,162
Value Added by Manufacture				
(\$1,000)	157,060	116,228	1,217,728	478,098
Cost of Materials				
(\$1,000)	113,889	87,711	2,246,539	427,972
Value of Shipments				
(\$1,000)	270,556	204,002	3,460,199	908,464
Total Capital Expenditures				
(\$1,000)	16,574	10,872	82,960	26,914

SOURCE: U.S. Bureau of the Census, 2002 Economic Census.

11.1.2

INDUSTRIAL PARKS, ISLAND OF MAUI

	Size	Location	Types of industries
Maui Research & Technology Park	330 acres	Kihei	High technology
Kahului Industrial Area	200 acres	Kahului	Light industrial and commercial
Maui Business Park	75 acres	Kahului	Light industrial and commercial
Wailuku Industrial Park	55 acres	Wailuku	Construction base yard, trucking, commercial
Millyard Subdivision	30 acres	Wailuku	Light industry and business commercial
Kihei Gateway	30 acres	Kihei	Light industrial and commercial
Lahaina Industrial Park	10 acres	Lahaina	Commercial



SOURCE: Hawaii State Department of Business, Economic Development and Tourism, *Directory of Industrial and Technology Parks*, 1991.

11.2.1

GENERAL EXCISE TAX BASE, MAUI COUNTY

	1997	1998	1999	2000	2001	2002	2003	2004
Retailing	621,260,750	649,032,400	1,200,011,150	1,357,279,775	1,363,859,275	1,288,265,075	1,416,929,475	1,606,066,500
Services	315,540,900	328,849,125	404,622,650	445,827,275	480,773,575	497,605,975	538,502,100	581,463,850
Contracting	161,468,800	193,365,375	259,711,650	326,777,275	360,568,625	364,438,350	425,070,200	452,890,850
Theater, Amusements, Radio, etc.	5,757,150	6,518,225	15,984,275	16,659,825	19,942,250	20,309,700	21,195,600	21,525,925
Interest	7,568,225	7,794,250	11,002,075	12,191,625	16,204,050	18,674,475	18,889,650	14,142,100
Commissions	53,701,225	64,093,175	82,441,600	102,188,000	108,053,925	105,181,525	135,367,700	149,889,375
Hotel Rentals	219,644,400	192,012,700	332,734,900	373,941,925	318,051,550	321,252,400	359,701,525	400,577,025
All Other Rentals	189,527,750	206,840,275	272,953,600	284,930,450	291,789,000	289,637,275	301,241,100	295,148,025
Use (4%)	6,608,975	9,585,650	32,232,375	44,145,100	36,581,075	25,138,275	45,193,250	41,583,950
All Others (4%)	73,681,600	76,290,300	125,497,600	119,762,625	118,982,400	117,366,800	128,484,500	134,171,575
SUB-TOTAL	1,654,759,775	1,734,381,475	2,737,191,875	3,083,703,875	3,114,805,725	3,047,869,850	3,390,575,100	3,697,459,175
Insurance Solicitors	29,943,333	31,336,665	94,902,666	41,309,334	121,564,668	59,276,000	63,635,334	108,120,666
Sugar Processing	85,400	6,800	73,000	147,600	57,400	82,000	40,400	11,400
Pineapple Canning	265,400	607,000	2,900,400	2,376,000	2,210,000	1,978,400	4,091,600	1,535,400
Producing	21,713,000	26,281,200	29,412,400	28,193,200	25,924,400	23,407,000	23,037,600	20,054,400
Manufacturing	17,607,400	18,410,800	21,927,400	27,228,200	29,517,200	29,829,600	37,399,400	29,042,400
Wholesaling	191,297,600	209,382,400	328,986,000	367,046,000	384,273,200	358,084,800	365,772,200	386,196,400
Services (Intermediary)	26,346,200	25,449,200	30,991,200	37,430,000	38,642,600	47,747,000	50,574,800	45,863,000
Use (1/2%)	42,011,800	61,979,800	183,129,000	233,743,000	224,557,800	216,882,000	172,571,600	273,048,400
SUB-TOTAL	329,270,133	373,473,865	692,322,066	737,473,334	826,747,268	737,286,800	717,122,934	863,872,066
GRAND TOTAL	1,984,029,908	2,107,855,340	3,429,513,941	3,821,177,209	3,941,552,993	3,785,156,650	4,107,698,034	4,561,331,241

NOTES: This report is on cash basis accounting and reflects tax bases only for allocated collections. The base for unallocated net collections cannot be determined due to differing tax rates which may be applicable. Unallocated collections as percent of total collections: 1995 and before <=5%, 1996=20.7%, 1997=35.3%, 1998=36.3% and 1999=8.4% when the Department of Taxation altered its general excise tax reporting procedures. (Unallocated net collections 2000=5.8%.) The unallocated net collections category includes amounts resulting from collections from electronic fund payments (apparently causing its rise from 1996 to 1998), penalty and interest, assessments and corrections, delinquent collections, refunds, protested payments and settlements, etc. This table will understate the general excise tax base in Maui County for the above reason and also because many businesses operating statewide locate their head office in Honolulu, so all their income is attributed to that county rather than among each county in which they operate.

SOURCE: Hawaii State Department of Taxation, General Excise and Use Tax Base, Calendar Years 1997 to 2004 (annual).

11.2.2

**RETAIL ESTABLISHMENTS WITH EMPLOYEES
BY TYPE AND LOCATION**

Based on primary North American Industrial Classification System (NAICS) code and zip code

2003 Establishment Type		Location / Number		Location / Number		Location / Number		Totals	
Motor vehicle & parts dealers (NAICS 441—)									
	Kahului	24	Makawao	2	Kaunakakai	2			
	Kihei	3	Wailuku	10	Lanai City	2	Maui subtotal		44
	Lahaina	5					Total		48
Furniture & home furnishing stores (NAICS 442—)									
	Haiku	1	Kihei	5	Lahaina	7			
	Kahului	19	Kula	1	Wailuku	5	Total		38
Electronics & appliance stores (NAICS 443—)									
	Kahului	12	Kula	1	Wailuku	3			
	Kihei	7	Lahaina	5			Total		28
Building material & garden equipment & supplies dealers (NAICS 444—)									
	Haiku	1	Kula	2	Hoolehua	1			
	Hana	1	Lahaina	5	Kaunakakai	2			
	Kahului	22	Makawao	1	Lanai City	1	Maui subtotal		39
	Kihei	2	Wailuku	5			Total		43
Food & beverage stores (NAICS 445—)									
	Haiku	4	Lahaina	18	Kaunakakai	6			
	Kahului	21	Makawao	5	Kualapuu	1			
	Kihei	10	Wailuku	13	Lanai City	3	Maui subtotal		72
	Kula	1					Total		82
Health & personal care stores (NAICS 446—)									
	Haiku	1	Lahaina	20	Wailuku	4			
	Kahului	17	Makawao	1	Kaunakakai	1			
	Kihei	5					Maui subtotal		48
							Total		49
Gasoline stations (NAICS 447—)									
	Haiku	2	Kula	1	Kaunakakai	2			
	Kahului	12	Lahaina	10	Lanai City	1			
	Kihei	5	Wailuku	6			Maui subtotal		36
							Total		39

11.2.2

CONTINUED

2003 Establishment Type						Totals	
Location	Number	Location	Number	Location	Number		
Clothing & clothing accessories stores (NAICS 448—)							
Haiku	1	Kula	1	Wailuku	8		
Kahului	40	Lahaina	128	Kaunakakai	3	Maui subtotal	232
Kihei	50	Makawao	4	Lanai City	1	Total	236
Sporting goods, hobby, book & music stores (NAICS 451—)							
Kahului	20	Makawao	3	Kalaupapa	1		
Kihei	9	Wailuku	8	Kaunakakai	1		
Lahaina	14					Maui subtotal	54
						Total	56
General merchandise stores (NAICS 452—)							
Haiku	1	Kihei	2	Wailuku	1		
Hana	1	Lahaina	2	Kaunakakai	4	Maui subtotal	17
Kahului	8	Makawao	2	Lanai City	1	Total	22
Miscellaneous store retailers (NAICS 453—)							
Hana	3	Lahaina	78	Kaunakakai	1		
Kahului	20	Makawao	9	Maunaloa	1		
Kihei	27	Wailuku	9	Lanai City	2	Maui subtotal	150
Kula	4					Total	154
Nonstore retailers (NAICS 454—)							
Kahului	3	Kula	2	Hoolehua	1		
Kihei	1	Wailuku	1	Lanai City	1	Maui subtotal	7
						Total	9
						Grand Total	804

NOTE: Pukalani combined with Makawao, and Puunene combined with Kahului.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Zip Code Business Patterns 2003*.

11.2.3

CHARACTERISTICS OF MAJOR SHOPPING CENTERS, MAUI COUNTY

	Location	Stores	Year Built/ Last Renovated	Gross Leasable Area
Queen Kaahumanu Center	Kahului	87	1972/1995	572,896
Maui Marketplace	Kahului	23	1997	317,000
Maui Mall	Kahului	50	1971/1995	182,000
The Shops At Wailea	Kahului	100	2000	160,000
Piilani Shopping Center	Kihei	30	2000	150,000
Lahaina Center Factory Stores	Lahaina	NA	1990	150,000
Wailuku Shopping Center	Wailuku	NA	NA	134,557
Lahaina Cannery Mall	Lahaina	55	1987/1999	128,000
Kahului Shopping Center	Kahului	35	1951/1960	112,066
Whalers Village	Lahaina	37	1971	79,000
Lahaina Shopping Center	Lahaina	21	1995	77,000
[unnamed]	Lahaina	NA	1997	74,000
Kahana Gateway	Lahaina	NA	1990	58,902
Whaler's Market Place In Lahaina	Lahaina	46	1974	56,165
Lahaina Square	Lahaina	25	1973	52,000
The Wharf	Lahaina	56	1978/1987	50,000
Lipoa Center	Kihei	NA	1989/1991	42,309
Kukui Mall	Kihei	NA	1987	40,073
Pioneer Inn	Lahaina	13	NA	35,632
Dickenson Square	Lahaina	NA	NA	23,500
Kealia Beach Center	Kihei	NA	1983	20,350
Banyan Inn Marketplace	Lahaina	9	1975	20,028
Kai Nani Village	Kihei	14	1975	13,878
Pukalani Square	Pukalani	NA	1986	6,600
Napili Plaza	Lahaina	NA	NA	NA
West Maui Center	Lahaina	NA	NA	NA

SOURCE: National Research Bureau, 2002 database supplied to Claritas, Inc.

11.2.4

SUMMARY OF RETAIL TRADE BY BUSINESS GROUP WITH EMPLOYEES, MAUI COUNTY

Sales in thousands of dollars

2002	Estab- lishments	Sales (\$1,000)	Employees	Annual Payroll (\$1,000)
Retail trade (NAICS 44-45)	816	1,772,473	9,201	198,794
Automobile dealers (NAICS 4411—)	13	D	250-499	D
Other motor vehicle dealers (NAICS 4412—)	8	10,989	39	1,270
Automotive parts, accessories & tire stores (NAICS 4413—)	27	D	100-249	D
Furniture stores (NAICS 4421—)	16	18,703	85	2,832
Home furnishings stores (NAICS 4422—)	20	20,557	139	3,858
Electronics & appliance stores (NAICS 4431—)	22	19,569	128	2,526
Building material & supplies dealers (NAICS 4441—)	35	111,213	500	13,106
Lawn & garden equip & supplies stores (NAICS 4442—)	8	10,977	43	1,096
Grocery stores (NAICS 4451—)	68	346,405	1,721	36,070
Specialty food stores (NAICS 4452—)	15	D	100-249	D
Health & personal care stores (NAICS 4461—)	51	111,463	652	12,430
Gasoline stations (NAICS 4471—)	38	109,984	501	9,254
Clothing stores (NAICS 4481—)	132	181,246	1,411	22,708
Shoe stores (NAICS 4482—)	19	12,448	110	1,582
Jewelry, luggage & leather goods stores (NAICS 4483—)	78	65,267	416	11,144
Sporting goods, hobby, musical instrument stores (NAICS 4511—)	36	33,558	317	4,937
Book, periodical & music stores (NAICS 4512—)	18	17,188	149	2,741
Department stores (NAICS 4521—)	4	D	500-999	D
Other general merchandise stores (NAICS 4529—)	16	D	250-499	D
Florists (NAICS 4531—)	14	D	20-99	D
Office supplies, stationery & gift stores (NAICS 4532—)	97	D	250-499	D
Used merchandise stores (NAICS 4533—)	12	D	100-249	D
Other miscellaneous store retailers (NAICS 4539—)	53	41,958	289	7,297
Nonstore retailers (NAICS 454—)	12	19,228	106	2,677

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

SOURCE: U.S. Bureau of the Census, 2002 Economic Census.

11.2.5

MERCHANDISE LINE SALES OF RETAIL ESTABLISHMENTS WITH PAYROLL, FOR THE STATE, OAHU AND THE REST OF THE STATE

Merchandise Line	NUMBER OF ESTABLISHMENTS			SALES (\$1,000)		
	State Total	Oahu	Rest of State	State Total	Oahu	Rest of State
TOTAL Retail Trade ¹	5,088	3,269	1,819	11,317,752	8,264,716	3,053,036
Groceries and other food items	1,298	819	479	1,910,787	1,263,171	647,616
Meals and snacks	430	260	170	119,935	87,075	32,860
Packaged liquor, wine, & beer	743	465	278	280,830	187,484	93,346
Cigars, cigarettes, & tobacco	976	594	382	193,535	131,361	62,174
Drugs, health aids, & beauty aids	1,035	621	414	776,494	575,064	201,430
Soaps, detergents, & household cleaners	547	345	202	95,687	63,240	32,447
Paper and related products	634	383	251	117,699	83,618	34,081
Men's wear	931	548	383	468,259	362,435	105,824
Women's, juniors', & misses' wear	1,113	708	405	936,203	784,649	151,554
Children's wear	511	285	226	139,497	102,878	36,619
Footwear (including accessories)	773	458	315	298,683	249,530	49,153
Sewing, knitting, & needlework goods	154	109	45	21,438	13,077	8,361
Curtains, draperies, and dry goods	185	112	73	63,319	42,421	20,898
Major household appliances	106	62	44	92,644	60,999	31,645
Small electric appliances	180	117	63	30,988	22,220	8,768
Televisions, video equipment/tapes	217	143	74	67,820	50,461	17,359
Audio equipment, musical instruments	320	219	101	119,940	95,304	24,636
Furniture & sleep equipment	214	123	91	125,314	95,291	30,023
Flooring & floor coverings	94	54	40	60,348	42,942	17,406
Computer hardware, software, & supplies	112	81	31	124,338	116,881	7,457
Kitchenware and homefurnishings	609	359	250	132,298	96,102	36,196
Jewelry	1,056	661	395	498,437	404,117	94,320
Books	404	260	144	89,691	64,338	25,353
Photographic equipment & supplies	247	161	86	33,259	24,219	9,040
Toys, hobby goods, & games	453	312	141	116,057	89,859	26,198
Optical goods	278	189	89	45,595	35,890	9,705
Sporting goods	406	239	167	163,942	117,948	45,994
Hardware, tools, plumbing, & elect. suppl.	385	225	160	294,216	210,819	83,397
Lawn and garden equipment	449	274	175	150,684	76,180	74,504
Lumber, millwork, building materials	168	86	82	204,318	141,276	63,042
Paint & related preservatives & supplies	153	71	82	71,393	46,514	24,879
Wallpaper & other flexible wallcoverings	14	7	7	596	254	342
Cars, vans, trucks, powered vehicles	96	60	36	1,274,548	1,005,722	268,826
Automotive fuels	380	241	139	538,555	331,662	206,893
Automotive lubricants (oil, greases, etc)	590	348	242	39,541	26,967	12,574
Automotive tires, batteries, accessories	483	293	190	312,323	211,064	101,259
Household fuels (oil, LP gas, wood, & coal)	44	14	30	34,238	20,173	14,065
Pets, pet foods, & pet supplies	341	205	136	64,066	46,536	17,530
All other merchandise	1,749	1,091	658	699,275	528,980	170,295
Unclassified merchandise	754	447	307	193,773	116,402	77,371
Nonmerchandise receipts	958	586	372	316,673	239,551	77,122

¹ Because some establishments carry more than one merchandise line, the number of establishments for each line will not add to the indicated totals.

X: Not applicable.

SOURCE: U.S. Bureau of the Census, 1997 Economic Census CD-ROM Vol. 1, Release 1F.

11.2.6

COMMERCIAL LEASE RENTS, MAUI ISLAND

Location	RANGE PER SQUARE FOOT PER MONTH		
	Retail	Office	Warehouse
West Maui:			
Lahaina Shopping Centers	\$2.50 to \$5.00	NA	NA
Off Front Street	\$2.00 to \$5.00	\$1.50 to \$1.75	NA
Industrial Area	\$1.25 to \$2.25	\$1.50 to \$2.00	\$1.25 to \$1.85
Front Street	\$11.00 to \$35.00 ¹	\$1.50 to \$2.50	NA
Kihei	\$2.50 to \$3.00+	\$1.45 to \$2.00	\$1.25 to \$1.45
Wailuku	\$1.04 to \$2.00	\$1.15 to \$2.50	\$0.95 to \$1.10
Kahului	\$2.50 to \$3.00	\$1.75 to \$2.20	\$1.00 to \$1.15
Common area charges (in addition to rent, per square foot rented, all areas):	\$0.30 to \$1.92	\$0.40 to \$0.95	\$0.20 to \$0.50

NOTE: Retail rents on Front Street, Lahaina and some other areas are usually a base rent against a percentage of 8% to 12% of gross receipts. The tenant pays whichever is higher (but not both).

¹ Small areas under 500 SF rent more on a minimum price than a per square foot basis.

SOURCE: Lawson and Associates and Felicon Enterprises, records. Current property listings can be found at www.mauicommercial.com, sponsored by members of the Commercial Round Table of Maui.

11.3.1

CHARACTERISTICS OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES BY SECTOR, MAUI COUNTY

Excludes government employees, agricultural production workers and self-employed persons

Industry	Number of Establishments ¹	Number of Employees ²	Annual Payroll (\$1,000)
Forestry, fishing, hunting, and agriculture support	5	0-19	D
Mining	2	20-99	D
Utilities	10	250-499	D
Construction	420	3,183	125,988
Building, developing & general contracting	153	1,034	40,598
Heavy construction	17	149	6,256
Special trade contractors	250	2,000	79,134
Manufacturing	95	1,464	45,803
Food manufacturing	33	1,062	31,114
Beverage & tobacco product manufacturing	3	20-99	D
Textile product mills	3	0-19	D
Apparel manufacturing	3	8	126
Leather and allied product manufacturing	1	0-19	D
Wood product manufacturing	2	20-99	D
Printing & related support activities	13	93	2,442
Chemical manufacturing	6	20-99	D
Plastics & rubber products manufacturing	2	0-19	D
Nonmetallic mineral product manufacturing	7	100-249	D
Fabricated metal product manufacturing	2	0-19	D
Machinery manufacturing	1	0-19	D
Computer & electronic product manufacturing	1	0-19	D
Furniture & related product manufacturing	3	11	257
Miscellaneous manufacturing	15	26	596
Wholesale trade	167	1,461	53,429
Wholesale trade, durable goods	69	418	16,113
Wholesale trade, nondurable goods	92	1,012	36,743
Wholesale electronic markets & agents and brokers	6	31	573
Retail trade	826	9,469	218,149
Motor vehicle & parts dealers	46	682	31,929
Furniture & home furnishing stores	35	214	6,675
Electronics & appliance stores	19	120	2,639
Bldg material & garden equip & supp dealers	44	569	16,111
Food & beverage stores	92	2,052	40,447
Health & personal care stores	48	545	14,568
Gasoline stations	38	515	9,602
Clothing & clothing accessories stores	243	1,912	37,267
Sporting goods, hobby, book & music stores	52	545	8,576
General merchandise stores	21	1,205	28,119
Miscellaneous store retailers	174	1,058	20,275
Nonstore retailers	14	52	1,941
Transportation & warehousing	130	2,778	75,417
Air transportation	10	500-999	D
Water transportation	6	20-99	D
Truck transportation	25	410	12,247
Transit & ground passenger transportation	17	321	4,505
Scenic & sightseeing transportation	48	892	21,908
Transportation support activities	14	144	6,057

11.3.1

CONTINUED

Industry	Number of Establishments ¹	Number of Employees ²	Annual Payroll (\$1,000)
Couriers & messengers	8	100-249	D
Warehousing and Storage	2	20-99	D
Information	81	768	27,491
Publishing industries	24	229	10,558
Motion picture & sound recording industries	16	163	2,103
Broadcasting & telecommunications	6	120	3,583
Internet Publishing and Broadcasting	1	0-19	D
Telecommunications	21	184	9,022
Internet Ser. Providers, Web & Data Services	12	67	2,173
Other Information Services	1	0-19	D
Finance & insurance	143	832	34,501
Credit intermediation & related activities	89	632	26,214
Security, commodity contracts & like activity	19	67	3,226
Insurance carriers & related activities	35	133	5,061
Real estate	282	2,154	66,931
Real estate	204	1,202	42,734
Rental & leasing services	77	500-999	D
Lessors of other nonfinancial intangible asset	1	0-19	D
Professional, scientific & technical services	335	1,557	50,989
Management of companies & enterprises	14	225	9,741
Admin, support, waste mgt, remediation services	256	3,402	77,477
Administrative & support services	242	3,273	74,206
Waste management & remediation services	14	129	3,271
Educational services	72	747	16,976
Health care and social assistance	346	4,996	178,804
Ambulatory health care services	257	2,104	95,509
Hospitals	4	500-999	D
Nursing & residential care facilities	14	500-999	D
Social assistance	71	1,249	25,936
Arts, entertainment & recreation	107	1,760	36,400
Performing arts, sports, & related industries	31	650	13,229
Museums, historical sites & like institutions	13	189	3,848
Amusement, gambling & recreation industries	63	921	19,323
Accommodation & food services	486	19,553	476,862
Accommodation	81	10,815	348,428
Food services & drinking places	405	8,738	128,434
Other services (except public administration)	419	2,607	56,343
Repair & maintenance	77	368	10,029
Personal & laundry services	97	777	15,198
Religious, grantmaking, civic, prof & like org.	245	1,462	31,116
Unclassified establishments	7	0-19	D
Total	4,203	57,337	1,575,874

¹ Data refer to establishments in business at anytime during the year.

² For week including March 12. A range for the number of employees may be given to avoid disclosing data for individual companies.

D: Withheld to avoid disclosing data for individual companies.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *County Business Patterns 2003*.

11.3.2

**CHARACTERISTICS OF BUSINESS ESTABLISHMENTS
BY SECTOR, FOR EMPLOYERS AND
NONEMPLOYERS, MAUI COUNTY.**

Industry	Establishments with Employees	Establishments Non-Employer	Gross Receipts Non-Employer (\$1,000)
Total	4,203	12,526	552,360
Forestry, Fishing, Hunting, and Agriculture Support	5	246	3,862
Mining	2	D	D
Utilities	10	D	D
Construction	420	1,136	74,260
Construction of Buildings	153	282	31,647
Heavy and Civil Engineering Construction	17	31	3,856
Specialty Trade Contractors	250	823	38,757
Manufacturing	95	336	16,900
Food Manufacturing	33	36	3,553
Beverage and Tobacco Product Manufacturing	3		
Textile Product Mills	3		
Apparel Manufacturing	3	40	960
Leather and Allied Product Manufacturing	1		
Wood Product Manufacturing	2	D	D
Printing and Related Support Activities	13	D	D
Chemical Manufacturing	6	D	D
Plastics and Rubber Products Manufacturing	2	D	D
Nonmetallic Mineral Product Manufacturing	7	27	1,783
Fabricated Metal Product Manufacturing	2	D	D
Machinery Manufacturing	1	D	D
Computer and Electronic Product Manufacturing	1	D	D
Furniture and Related Product Manufacturing	3	25	1,875
Miscellaneous Manufacturing	15	120	4,534
Wholesale Trade	167	344	18,167
Merchant Wholesalers, Durable Goods	69	179	9,375
Merchant Wholesalers, Nondurable Goods	92	D	D
Wholesale Electronic Markets and Agents and Brokers	6	D	D
Retail Trade	826	1,051	58,075
Motor Vehicle and Parts Dealers	46	29	2,477
Furniture and Home Furnishings Stores	35	24	3,087
Electronics and Appliance Stores	19	D	D
Building Material, Garden Equipment & Supply Dealers	44	D	D
Food and Beverage Stores	92	35	3,735
Health and Personal Care Stores	48	41	843
Gasoline Stations	38	D	D
Clothing and Clothing Accessories Stores	243	115	11,507
Sporting Goods, Hobby, Book, and Music Stores	52	55	4,467
General Merchandise Stores	21	D	D
Miscellaneous Store Retailers	174	243	17,933
Nonstore Retailers	14	464	10,039
Transportation and Warehousing	130	260	9,257
Air Transportation	10	11	345
Water Transportation	6	D	D
Truck Transportation	25	D	D
Transit and Ground Passenger Transportation	17	148	3,631
Scenic and Sightseeing Transportation	48	14	1,011
Support Activities for Transportation	14	D	D
Couriers and Messengers	8	D	D
Warehousing and Storage	2	D	D

11.3.2

CONTINUED

Industry	Establishments with Employees	Establishments Non-Employer	Gross Receipts Non-Employer (\$1,000)
Information	81	152	5,771
Publishing Industries (except Internet)	24	45	2,793
Motion Picture and Sound Recording Industries	16	63	1,825
Broadcasting (except Internet)	6	D	D
Internet Publishing and Broadcasting	1	D	D
Telecommunications	21	D	D
Internet Providers, Web Portals, & Data Proc. Ser.	12	D	D
Other Information Services	1	14	677
Finance and Insurance	143	233	34,391
Credit Intermediation and Related Activities	89	44	3,174
Securities, Commodity, Financial Invs.	19	78	26,942
Insurance Carriers and Related Activities	35	111	4,275
Real Estate and Rental and Leasing	282	1,606	110,828
Real Estate	204	1,533	105,715
Rental and Leasing Services	77	D	D
Lessors of Nonfinancial Intangible Assets	1	D	D
Professional, Scientific, and Technical Services	335	1,535	54,756
Management of Companies and Enterprises	14		
Admin, Waste Management and Remediation Services	256	1,033	26,575
Administrative and Support Services	242	D	D
Waste Management and Remediation Services	14	D	D
Educational Services	72	195	4,047
Health Care and Social Assistance	346	860	26,283
Ambulatory Health Care Services	257	588	21,202
Hospitals	4		
Nursing and Residential Care Facilities	14	43	1,216
Social Assistance	71	229	3,865
Arts, Entertainment, and Recreation	107	1,082	36,585
Performing Arts, Spectator Sports, and Related Industries	31	889	19,231
Museums, Historical Sites, and Similar Institutions	13		
Amusement, Gambling, and Recreation Industries	63		
Accommodation and Food Services	486	238	14,895
Accommodation	81	74	5,798
Food Services and Drinking Places	405	164	9,097
Other Services (except Public Administration)	419	2,204	57,377
Repair and Maintenance	77	617	19,997
Personal and Laundry Services	97	1,506	35,665
Religious, Grantmaking, Civic, Prof, & like Org.	245	81	1,715
Unclassified	7		

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

SOURCE: U.S. Bureau of the Census, *County Business Patterns 2003* and *Nonemployer Statistics 2003*.

11.3.3

LARGEST PRIVATE CORPORATIONS, MAUI COUNTY

Company	State Rank		Sales (\$ million)		Employees
	2005	2004	2004	2003	
Maui Land & Pineapple Co. Inc.	47	40	153.2	151.3 ¹	1,240
TS Restaurants of Hawaii & Calif.	76	74	96.7	92.0	1,756
Valley Isle Motors Ltd.	96	84	76.1	78.7	154
West Maui Resort Partners LP	102	156	69.7	65.6 ²	492
VIP Foodservice	120	129	63.3	55.0	127
Dorvin D. Leis Co. Inc.	145	144	51.0	47.0	300
Maui Petroleum Inc.	158	175	43.8	35.1	15
Maui Toyota	163	177	41.3	34.7	40
MINIT STOP Stores	172	186	37.7	32.9	166
Hale Makua	215	212	26.2	24.8	450
Maui Medical Group Inc.	236	242	21.2	19.5	216
Wailea Golf LLC	246	240	19.0	20.0	130
Maui Clothing Co. Inc.	247	NR	18.4	16.4	167

NR: Not ranked.

¹ Changed 2003 gross sales figure (to match change in reporting format for 2004).

² Changed 2003 gross sales figure to show combination of time share and hotel sales.

SOURCE: "Top 250," *Hawaii Business*, August 2005.

11.3.4

CHARACTERISTICS OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES, MAUI COUNTY

Excludes government employees, agricultural production workers and self-employed persons

Characteristics	2002		2003	
	State Total	Maui	State Total	Maui
Number of establishments ¹	30,633	4,104	31,061	4,203
Number of employees ²	439,934	53,407	459,010	57,337
Payroll—First quarter (\$1,000)	3,237,290	348,190	3,422,999	380,190
Payroll—Annual (\$1,000)	13,352,194	1,459,381	14,138,996	1,575,874

¹ Data refer to establishments active anytime during the year.

² For week including March 12.

D: Withheld to avoid disclosing data for individual companies.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *County Business Patterns* 2003.

11.3.5

NUMBER OF BUSINESS ESTABLISHMENTS, STATE OF HAWAII AND MAUI COUNTY

Year	State Total	Maui County
1979	20,621	1,858
1980	21,125	1,864
1981	21,264	1,872
1982	21,655	1,988
1983 ¹	24,519	2,257
1984	25,093	2,406
1985	25,742	2,528
1986	26,212	2,656
1987	27,281	2,867
1988	27,938	2,958
1989	28,443	3,096
1990	29,313	3,239
1991	29,736	3,367
1992	30,467	3,482
1993	30,157	3,502
1994	29,995	3,578
1995	29,942	3,639
1996	29,967	3,708
1997	29,991	3,766
1998 ²	29,603	3,746
1999	29,569	3,790
2000	29,853	3,889
2001	30,853	3,955
2002	30,633	4,104
2003	31,061	4,203

NOTE: Through 1982, this table includes business establishments with taxable payrolls during the first quarter of the calendar year; for 1983 and later years, it includes those with taxable payrolls anytime during the year.

¹ New definition (see headnote).

² Start of data collection on NAICS basis. NAICS (North American Industry Classification System) replaces the old SIC (Standard Industrial Classification) codes.

SOURCES: Hawaii Department of Business, Economic Development & Tourism, *County and District Trends in Hawaii, 1991*, (Statistical Report 224, January 1992), table 18; U.S. Department of Commerce, Bureau of the Census, *County Business Patterns 2003*.

11.3.6

**SERVICE ESTABLISHMENTS WITH EMPLOYEES FOR
PLACES WITH 2,500 INHABITANTS OR MORE,
MAUI COUNTY**

Geography	Number of establishments	Sales, Shipments, Receipts, or revenue (\$1,000)	Number of employees	Annual Payroll (\$1,000)
Professional, scientific, and technical services (NAICS 54)				
Maui County	310	126,090	1,334	44,348
Haiku-Pauwela	10	1,992	12	279
Kahului	36	16,095	213	5,964
Kaunakakai	4	D	1 to 19	D
Kihei	41	16,541	126	5,163
Lahaina	16	D	20 to 99	D
Lanai	2	D	-	D
Makawao	14	4,827	107	1,892
Napili-Honokowai	2	D	1 to 19	D
Pukalani	10	5,079	79	2,913
Wailea-Makena	14	3,282	30	815
Wailuku	116	57,996	504	19,826
Balance of Maui County	45	D	100 to 249	D
Administrative and support and waste management and remediation services (NAICS 56)				
Maui County	267	230,343	3,775	76,347
Haiku-Pauwela	9	4,055	75	1,139
Kahului	52	61,899	1,618	26,387
Kaunakakai	4	D	1 to 19	D
Kihei	49	13,175	163	3,792
Lahaina	30	26,275	420	8,169
Lanai	6	D	20 to 99	D
Makawao	8	D	20 to 99	D
Napili-Honokowai	6	D	100 to 249	D
Pukalani	7	14,296	267	8,495
Waihee-Waiehu	5	D	1 to 19	D
Wailea-Makena	15	D	20 to 99	D
Wailuku	42	31,474	768	11,466
Balance of Maui County	34	D	500 to 999	D
Educational services (NAICS 61)				
Maui County	50	14,236	243	5,058
Haiku-Pauwela	3	D	1 to 19	D
Kahului	9	2,158	43	811
Kaunakakai	1	D	1 to 19	D
Kihei	8	3,054	38	1,091
Lahaina	3	D	20 to 99	D
Makawao	2	D	1 to 19	D
Napili-Honokowai	2	D	1 to 19	D
Pukalani	2	D	1 to 19	D
Wailea-Makena	6	1,387	14	524
Wailuku	4	D	20 to 99	D
Balance of Maui County	10	D	20 to 99	D
Health care and social assistance (NAICS 62)				
Maui County	336	427,508	5,119	178,295
Haiku-Pauwela	7	D	1 to 19	D
Kahului	84	123,700	1,419	54,961
Kaunakakai	14	24,989	464	10,703
Kihei	34	20,278	274	8,551
Lahaina	22	13,138	126	4,733
Lanai	6	D	20 to 99	D
Makawao	8	D	20 to 99	D

11.3.6
CONTINUED

Geography	Number of establishments	Sales, Shipments, Receipts, or revenue (\$1,000)	Number of employees	Annual Payroll (\$1,000)
Napili-Honokowai	3	D	20 to 99	D
Pukalani	15	5,025	63	1,987
Wailea-Makena	1	D	1 to 19	D
Wailuku	110	211,217	2,220	82,715
Balance of Maui County	32	D	250 to 499	D
Arts, entertainment, and recreation (NAICS 71)				
Maui County	98	123,751	1,626	34,686
Haiku-Pauwela	4	1,071	12	421
Kahului	12	16,715	221	4,228
Kihei	11	10,702	179	3,625
Lahaina	16	33,366	487	11,056
Makawao	1	D	1 to 19	D
Napili-Honokowai	2	D	20 to 99	D
Pukalani	5	4,107	39	1,223
Waihee-Waiehu	1	D	1 to 19	D
Wailea-Makena	10	D	100 to 249	D
Wailuku	10	3,819	71	913
Balance of Maui County	26	D	500 to 999	D
Accommodation and foodservices (NAICS 72)				
Maui County	461	1,379,316	18,932	441,069
Haiku-Pauwela	6	D	1 to 19	D
Kahului	77	85,862	1,620	21,545
Kaunakakai	10	D	100 to 249	D
Kihei	78	71,471	1,285	17,616
Lahaina	94	154,665	2,627	42,979
Lanai	6	D	500 to 999	D
Makawao	8	8,392	263	2,869
Napili-Honokowai	18	29,908	449	6,698
Pukalani	9	5,840	135	1,455
Wailea-Makena	34	371,472	4,687	140,687
Wailuku	52	22,777	471	5,642
Balance of Maui County	69	628,929	7,060	201,578
Other services (except public administration) (NAICS 81)				
Maui County	358	170,658	2,374	48,108
Haiku-Pauwela	4	2,231	35	709
Kahului	59	25,679	477	9,077
Kaunakakai	7	2,435	48	945
Kihei	65	21,334	266	5,285
Lahaina	53	14,625	165	3,717
Lanai	4	D	1 to 19	D
Makawao	4	D	1 to 19	D
Napili-Honokowai	14	6,066	57	1,492
Pukalani	8	D	20 to 99	D
Waihee-Waiehu	1	D	100 to 249	D
Wailea-Makena	28	20,128	246	6,819
Wailuku	66	38,085	609	10,231
Balance of Maui County	45	D	250 to 499	D

D: Withheld to avoid disclosing data for individual companies.

SOURCE: U.S. Bureau of the Census, 2002 Economic Census.

11.3.7

**SERVICE ESTABLISHMENTS WITH EMPLOYEES
BY TYPE AND LOCATION**

Establishment Type, 2003						
	Location / Number	Location / Number	Location / Number		Totals	
Professional, scientific & technical services (NAICS 541—)						
	Haiku 12	Kula 16	Wailuku 115			
	Hana 1	Lahaina 22	Kaunakakai 8			
	Kahului 44	Makawao 28	Maunaloa 1	Maui subtotal	303	
	Kihei 54	Paia 11	Lanai City 2	Total	314	
Management of companies & enterprises (NAICS 551—)						
	Kahului 2	Lahaina 8	Wailuku 1			
	Kihei 1			Total	12	
Administrative & support services (NAICS 561—)						
	Haiku 10	Kula 7	Wailuku 46			
	Hana 1	Lahaina 42	Kaunakakai 4			
	Kahului 46	Makawao 19	Lanai City 3	Maui subtotal	231	
	Kihei 57	Paia 3		Total	238	
Waste management & remediation services (NAICS 562—)						
	Kahului 6	Makawao 2	Hoolehua 1			
	Kihei 2	Paia 1	Lanai City 1	Maui subtotal	16	
	Lahaina 1	Wailuku 4		Total	18	
Educational services (NAICS 611—)						
	Haiku 5	Kula 6	Paia 1			
	Hana 2	Lahaina 9	Wailuku 11	Maui subtotal	69	
	Kahului 13	Makawao 8	Kaunakakai 1	Total	70	
	Kihei 14					
Ambulatory health care services (NAICS 621—)						
	Haiku 5	Kula 6	Wailuku 89			
	Hana 1	Lahaina 22	Kaunakakai 6			
	Kahului 66	Makawao 20	Kualapuu 1	Maui subtotal	237	
	Kihei 26	Paia 2	Lanai City 3	Total	247	
Hospitals (NAICS 622—)						
	Wailuku 1	Kaunakakai 1	Lanai City 1	Maui subtotal	1	
				Total	3	
Nursing & residential care facilities (NAICS 623—)						
	Kahului 3	Lahaina 2	Wailuku 3			
	Kihei 3	Makawao 2		Total	13	
Social assistance (NAICS 624—)						
	Haiku 2	Lahaina 4	Hoolehua 1			
	Hana 1	Makawao 7	Kaunakakai 5			
	Kahului 8	Paia 3	Kualapuu 3			
	Kihei 6	Wailuku 23	Lanai City 2	Maui subtotal	55	
	Kula 1			Total	66	
Performing arts, spectator sports, & related industries (NAICS 711—)						
	Haiku 4	Kula 2	Makawao 2			
	Kahului 2	Lahaina 8	Wailuku 6			
	Kihei 4			Total	28	

11.3.7

CONTINUED

Establishment Type, 2003							
Location / Number		Location / Number		Location / Number		Totals	
Museums, historical sites & like institutions (NAICS 712—)							
Hana	2	Lahaina	1	Wailuku	3		
Kahului	2	Makawao	2	Kualapuu	1	Maui subtotal	13
Kula	3					Total	14
Amusement, gambling & recreation industries (NAICS 713—)							
Haiku	1	Kihei	16	Makawao	4		
Hana	2	Kula	1	Paia	2		
Kahului	10	Lahaina	16	Wailuku	5	Total	57
Accommodation (NAICS 721—)							
Haiku	4	Kula	1	Kaunakakai	1		
Hana	2	Lahaina	28	Maunaloa	4		
Kahului	25	Wailuku	2	Lanai City	1	Maui subtotal	82
Kihei	20					Total	88
Food services & drinking places (NAICS 722—)							
Haiku	4	Lahaina	110	Kaunakakai	11		
Hana	1	Makawao	16	Kualapuu	1		
Kahului	46	Paia	10	Maunaloa	1		
Kihei	88	Wailuku	59	Lanai City	3	Maui subtotal	339
Kula	5					Total	355
Repair & maintenance (NAICS 811—)							
Haiku	3	Kula	1	Paia	1		
Kahului	30	Lahaina	4	Wailuku	27		
Kihei	9	Makawao	3	Kaunakakai	1	Maui subtotal	78
						Total	79
Personal & laundry services (NAICS 812—)							
Haiku	1	Kula	1	Makawao	7		
Kahului	22	Lahaina	21	Wailuku	19		
Kihei	22					Total	93
Religious, grantmaking, civic, professional & like organizations (NAICS 813—)							
Haiku	3	Lahaina	70	Hoolehua	2		
Hana	3	Makawao	7	Kaunakakai	8		
Kahului	32	Paia	6	Maunaloa	1	Maui subtotal	235
Kihei	66	Wailuku	42	Lanai City	5	Total	251
Kula	6						
						Grand Total	1,946

NOTE: Pukalani is combined with Makawao, and Puunene with Kahului.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Zip Code Business Patterns 2003*.

11.3.8

**SALES BY BUSINESS ESTABLISHMENTS, FOR
EMPLOYERS AND NONEMPLOYERS BY SECTOR,
MAUI COUNTY**

NACIS	Industry	Employer Establishments	Sales (\$1,000)	NonEmployer Establishments	Sales (\$1,000)
----	Total	X	X	11,713	469,599
11	Forestry, fishing & hunting, and agricultural support services			D	D
21	Mining	X	X	D	D
22	Utilities	X	X	D	D
23	Construction	X	X	1,011	54,988
31-33	Manufacturing	93	270,556	326	16,096
42	Wholesale trade	169	562,888	318	16,789
44-45	Retail trade	816	1,772,473	1,011	51,787
48-49	Transportation & warehousing	X	X	D	D
51	Information	81	N	145	5,093
52	Finance & insurance (not published for counties)	X	X	210	28,359
53	Real estate & rental & leasing	261	350,258	1,474	90,098
54	Professional, scientific, & technical services	310	126,090	1,528	49,302
55	Management of companies & enterprises	X	X		
56	Adm. & support & waste mgmt. & remediation service	267	230,343	1,047	24,060
61	Educational services	50	14,236	178	3,194
62	Health care & social assistance	336	427,508	775	22,639
71	Arts, entertainment, & recreation	98	123,751	1,001	35,160
72	Accommodation & food services	461	1,379,316	235	11,767
81	Other services (except public administration)	358	170,658	1,964	50,112

D: Withheld to avoid disclosing data of individual companies.

X: Not published for counties.

SOURCE: U.S. Bureau of the Census, 2002 Economic Census.

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