

# **MAUI COUNTY DATA BOOK**

## **2008**

(Published March 2009)

COUNTY OF MAUI  
OFFICE OF ECONOMIC DEVELOPMENT

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

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## A Message from Mayor Charmaine Tavares

Aloha kākou,

On behalf of the people of the County of Maui, it is my pleasure to present the 2008 edition of the *Maui County Data Book*.

The *Maui County Data Book* is the definitive statistical reference guide for Maui County, which includes the islands of Maui, Moloka`i, Lāna`i, and Kaho`olawe. The statistics, charts and graphics contained in the Data Book cover a broad spectrum of economic activity and provide valuable data that can be used in studies, grant research and the development of business plans.

This valuable information is the result of a working partnership between the Hawai`i Small Business Development Center Network's Hawai`i Business Research Library and the Maui County Office of Economic Development.

The *Maui County Data Book* is available online at the Maui County website at [www.mauicounty.gov](http://www.mauicounty.gov) and at the Hawai`i Business Research Library's website located at [www.hbri-sbdc.org](http://www.hbri-sbdc.org).

Thank you for your interest in Maui County, and for utilizing this comprehensive resource we have compiled to assist you in your endeavors.

Sincerely,

A handwritten signature in cursive script that reads "Charmaine Tavares". The signature is written in black ink and has a long, sweeping tail that extends to the right.

Charmaine Tavares  
Mayor



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Copies of this book are available from the Hawai'i Business Research Library, 590 Lipoa Parkway, Suite 136, 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 Small BizWeek newsletter is also available at the site. For further information, call (808) 875-2400, or (800) 509-3100 (in-state only).

The State of Hawai'i Data Book is available on-line through the State of Hawai'i Department of Business, Economic Development and Tourism. The tables are available at <http://www.hawaii.gov/dbedt/info/economic/databook/db2007/>.

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## ABOUT THIS BOOK

We hope you find the 2008 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 sixteenth edition of the Data Book is produced by the Hawai'i SBDC Network, Hawai'i 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 Hawai'i 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://www.hawaii.gov/dbedt/info/economic/databook/db2007/>) annually through the Hawaii State Department of Business, Economic Development and Tourism. The Hawai'i County Department of Research and Development publishes statistical data books annually ([http://www.hawaii-county.com/databook\\_2006/dbooktoc.htm](http://www.hawaii-county.com/databook_2006/dbooktoc.htm)). The Hawai'i State Office of Hawaiian Affairs publishes the Native Hawaiian Data Book ([http://www.oha.org/index.php?option=com\\_content&task=view&id=102&Itemid=175](http://www.oha.org/index.php?option=com_content&task=view&id=102&Itemid=175)).

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 Hawai'i State Department of Business, Economic Development and Tourism, U.S. Department of Commerce, Hawai'i State Department of Health, and the U.S. Bureau of Labor Statistics CPI Reports.

1.1.1

Maui County Statistics

	Unit	Period	2002	2003	2004	2005	2006	2007	%Change Annual 06/07	%Change Annual 03/07
Resident Population <sup>1</sup>	Number	July 1	132,805 r	134,888 r	137,142 r	139,104 r	140,515 r	141,902	1.0	1.3
Civilian Labor Force	Number	Mo. Avg.	72,300	72,850 r	74,800 r	76,000 r	76,450 r	79,700	4.3	2.0
Employment	Number	Mo. Avg.	69,500	70,100 r	72,500 r	74,050 r	75,350 r	77,450	2.8	2.2
Unemployment	Number	Mo. Avg.	2,800	2,700	2,300 r	1,950 r	1,850 r	2,200	18.9	-4.0
Unemployment rate	Percent	Mo. Avg.	3.9	3.7	3.1 r	2.6 r	2.4 r	2.8	16.7	-5.7
Total Job Count <sup>2</sup>	Number	Mo. Avg.	61,900	63,400	65,850	67,950	69,700	72,150	3.5	3.1
Gross Business Receipts	Mil. \$	Total	3,785	4,107.7	4,561.3	4,795.0	5,601.9	6,533.0	16.6	11.6
State Tax Collections <sup>3</sup>	Thous. \$	Total	250,170	257,486	308,140	315,318	355,353	406,330	14.3	10.4
County Tax Collections <sup>4</sup>	Thous. \$	Total	114,087	123,492	140,280	156,020	188,652	223,048	18.2	14.4
Estimated Domestic Visitors <sup>5</sup>	Thous.	Total	1,770	1,900	1,938	2,081	2,183	2,173	-0.5	4.2
Estimated International Visitors	Thous.	Total	369	296	270	266	295	291	-1.4	-4.1
Hotel Inventory	Number	Feb.	17,992	18,578	18,485	19,290	19,259	19,879	3.2	2.0
Hotel Occupancy	Percent	Mo. Avg.	71	74.2	78.0	79.6	80.0	76.5	-4.4	1.6
Private Permits	Thous. \$	Total	273,716	456,085	448,831	831,416	981,418	727,772	-25.8	28.5
Residential Permits	Thous. \$	Total	186,622	276,286	285,212	486,407	362,279	302,401	-16.5	16.0
Non-Residential Permits	Thous. \$	Total	38,384	128,440	58,757	101,858	117,570	127,728	8.6	55.6
Additions and Alterations	Thous. \$	Total	48,710	51,359	61,862	111,227	99,421	116,489	17.2	22.4
Real Estate Resales										
Single Family	Number	Total	978	1,410	1,221	1,317	1,088	1,138	4.6	5.2
Average Price	Dollars	Avg.	491,248	591,222	730,264	927,354	941,434	920,807	-2.2	14.0
Condominium	Number	Total	1,551	1,986	1,993	2,000	1,210	1,179	-2.6	-2.7
Average Price	Dollars	Avg.	300,985	354,444	438,255	550,381	773,215	816,867	5.6	22.6
Sugar Production, Raw Sugar 96°	Thous. \$	Total	76,500	75,800	68,900	66,000	60,600	NA	NA	NA
Vegetable & Melon Sales	Thous. \$	Total	8,853	9,357	8,897	8,390	10,160	NA	NA	NA
Floriculture Sales	Thous. \$	Total	11,110	11,236	9,535	11,910	12,276	NA	NA	NA
Livestock & Aquaculture	Thous. \$	Total	6,054	6,106	6,510	8,408 r	6,247	NA	NA	NA
Farm Labor & Proprietors' Income	Thous. \$	Total	64,063	63,106	73,305	70,221	71,880	NA	NA	NA

<sup>1</sup> Preliminary estimates by the U.S. Bureau of the Census. <sup>2</sup> Refers to number of jobs rather than number of persons employed. Persons with more than one job are counted more than once. <sup>3</sup> Calendar Year <sup>4</sup> Fiscal year ending June 30. <sup>5</sup> Includes passengers arriving on cruise ships. D: Withheld to avoid disclosure of individual operations.

NA: Not available r: Revised from previous Data Book

Source: Maui County Data Book 2008, compilations from multiple sources.

## 1.1.2

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

Category	Maui County	State of Hawai'i
<b>Population</b>		
Population, 2006 estimate	141,320	1,285,498
Population, percent change, April 1, 2000 to July 1, 2006	10.30%	6.10%
Population, 2000	128,094	1,211,537
Persons under 5 years old, percent, 2005	6.80%	7.10%
Persons under 18 years old, percent, 2005	23.90%	23.50%
Persons 65 years old and over, percent, 2005	11.50%	13.70%
Female persons, percent, 2005	49.80%	50.10%
White persons, percent, 2005 (a)	38.30%	26.80%
Black persons, percent, 2005 (a)	0.60%	2.30%
American Indian and Alaska Native persons, percent, 2005 (a)	0.50%	0.30%
Asian persons, percent, 2005 (a)	30.20%	41.50%
Native Hawaiian and Other Pacific Islander, percent, 2005 (a)	10.30%	9.00%
Persons reporting two or more races, percent, 2005	20.20%	20.10%
Persons of Hispanic or Latino origin, percent, 2005 (b)	8.70%	8.00%
White persons not Hispanic, percent, 2005	34.20%	23.50%
<b>General</b>		
Living in same house in 1995 and 2000, pct 5 yrs old & over	55.80%	56.80%
Foreign born persons, percent, 2000	16.50%	17.50%
Language other than English spoken at home, pct age 5+, 2000	24.10%	26.60%
High school graduates, percent of persons age 25+, 2000	83.40%	84.60%
Bachelor's degree or higher, pct of persons age 25+, 2000	22.40%	26.20%
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
<b>Housing</b>		
Housing units, 2005	62,162	491,071
Homeownership rate, 2000	57.60%	56.50%
Housing units in multi-unit structures, percent, 2000	37.50%	39.40%
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, 2004	\$49,065	\$51,359
Per capita money income, 1999	\$22,033	\$21,525
Persons below poverty, percent, 2004	8.30%	9.00%



## 1.1.2

CONTINUED

Category	Maui County	State of Hawai'i
<b>Business</b>		
Private nonfarm establishments, 2004	4,295	316,051
Private nonfarm employment, 2004	61,020	4,735,001
Private nonfarm employment, percent change 2000-2004	16.80%	9.6% <sup>1</sup>
Nonemployer establishments, 2004	13,055	84,331
Total number of firms, 2002	15,005	99,224
Black-owned firms, percent, 2002	F	0.80%
American Indian and Alaska Native owned firms, percent, 2002	1.10%	0.90%
Asian-owned firms, percent, 2002	25.20%	45.30%
Native Hawaiian and Other Pacific Islander owned firms, percent, 2002	7.90%	8.40%
Hispanic-owned firms, percent, 2002	5.10%	3.10%
Women-owned firms, percent, 2002	31.40%	30.20%
Manufacturers shipments, 2002 (\$1000)	270,556	3,460,199
Wholesale trade sales, 2002 (\$1000)	562,888	9,986,355
Retail sales, 2002 (\$1000)	1,772,473	13,008,182
Retail sales per capita, 2002	\$13,297	\$10,537
Accommodation and foodservices sales, 2002 (\$1000)	1,379,316	5,551,380
Building permits, 2005	1,559	9,828
Federal spending, 2004 (\$1000)	610,777	121,870,691
<b>Geography</b>		
Land area, 2000 (square miles)	1,159.20	6,422.62
Persons per square mile, 2000	110.5	188.6
FIPS Code	9	15

Note: Does not include Kalawao County

(a) Includes persons reporting only one race.

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

F: Fewer than 100 firms

SOURCE: U.S. Census Bureau, *State and County QuickFacts*.

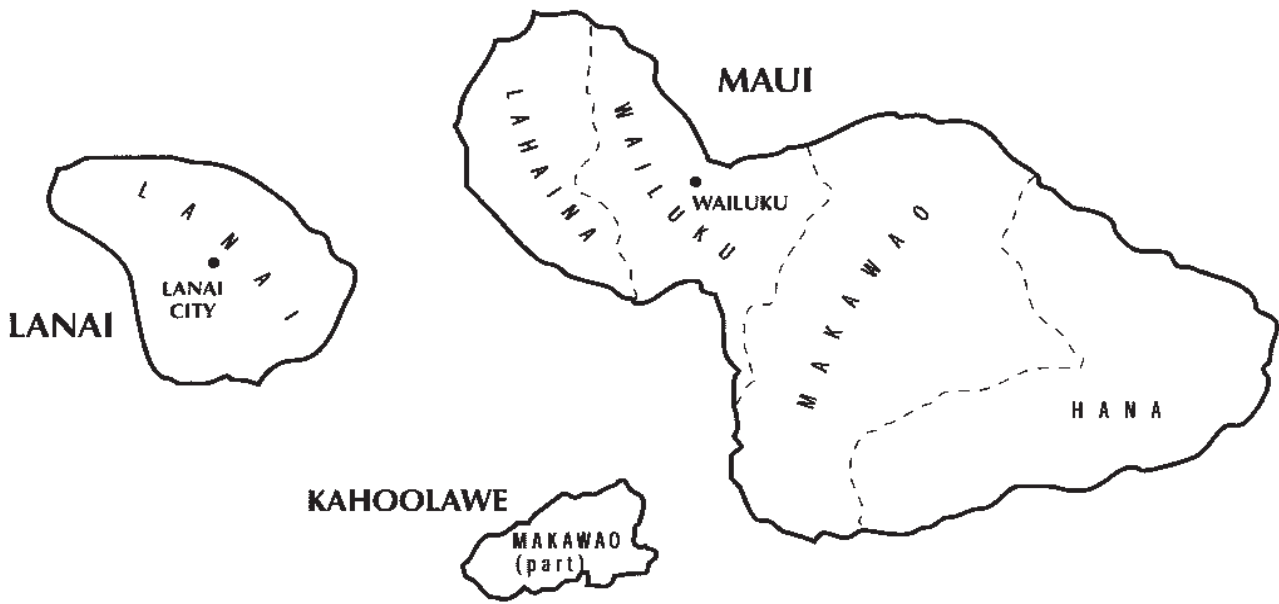
## MAUI COUNTY AND DISTRICTS

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**MOLOKAI**

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



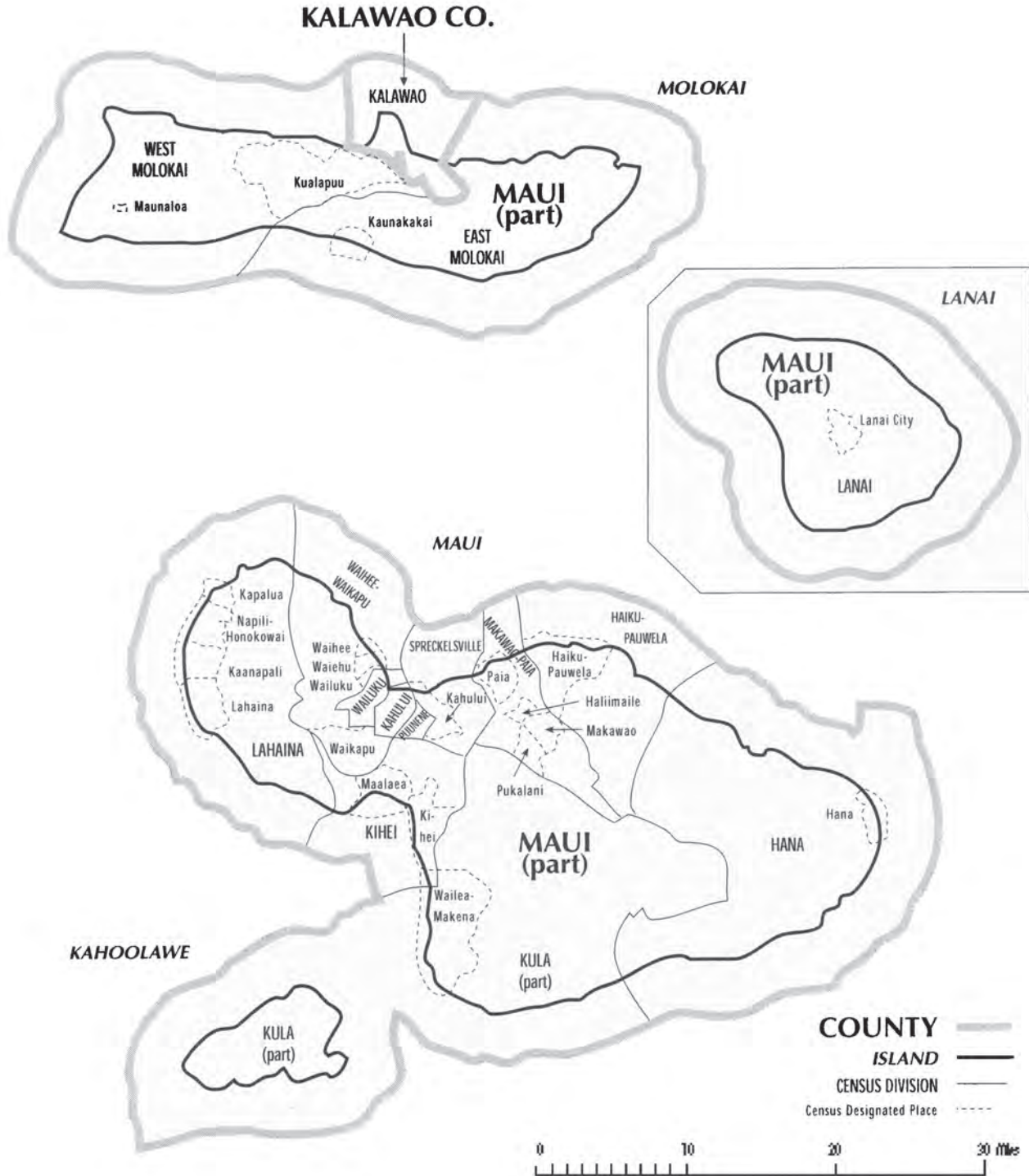
**ISLAND** ———  
**JUDICIAL DISTRICT** - - - - -  
**TOWN** •



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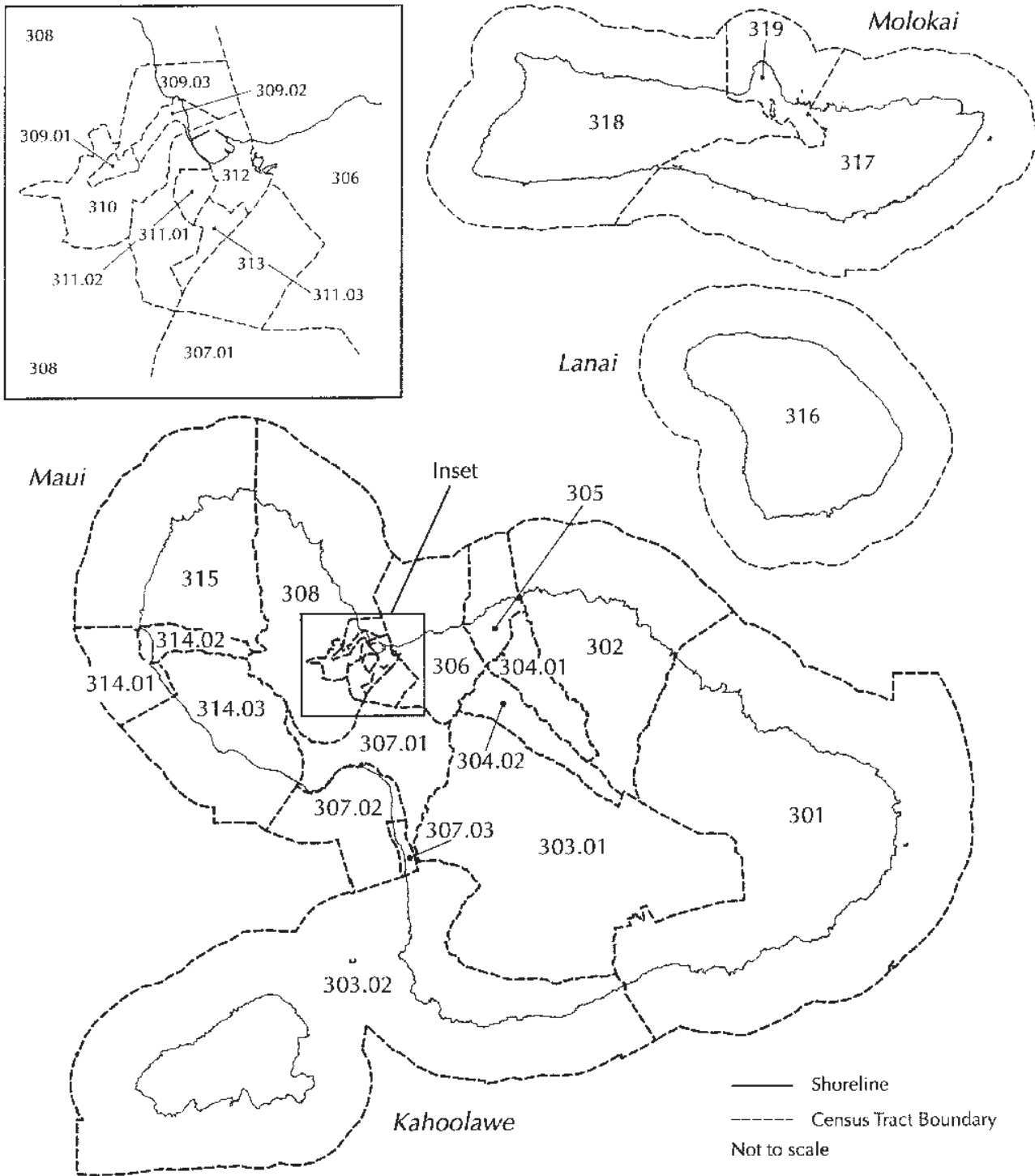
SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, 1991.

**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 Census2000 TIGER/Line files, processed by the Hawai'i SBDC Network Business Research Library

### 1.3.1

## RESIDENT POPULATION BY COUNTY

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

Date	Maui County <sup>1</sup>	Hawai'i County	Kaua'i County	City & County of Honolulu	State Total
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
April 1, 1990	100,504	120,317	51,177	836,231	1,108,229
July 1, 1991	105,599	127,266	53,379	850,510	1,136,754
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, 2001r	131,463	150,860	58,734	877,496	1,218,553
July 1, 2002r	132,805	153,162	59,439	883,357	1,228,763
July 1, 2003r	134,888	156,320	60,015	889,102	1,240,325
July 1, 2004r	137,142	160,129	61,006	895,895	1,254,172
July 1, 2005r	139,104	164,770	61,673	902,034	1,267,581
July 1, 2006r	140,515	169,419	61,986	906,715	1,278,635
July 1, 2007	141,902	173,057	62,828	905,601	1,283,388

<sup>1</sup>Including Kalawao County (Kalaupapa Settlement).

r: Revised from previous Data Book.

SOURCE: U.S. Bureau of the Census, 1980 Census of Population-Characteristics of the Population-Number of Inhabitants Hawai'i, PC80-1-A13 (October 1981), table 2 and 1990 Census of Population and Housing-Summary Population and Housing Characteristics Hawai'i, 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.*

<b>Date</b>	<b>Maui County<sup>1</sup></b>	<b>Hawai'i County</b>	<b>Kaua'i County</b>	<b>City &amp; County of Honolulu</b>	<b>State Total</b>
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
May 1, 1990	134,56	133,202	66,699	896,260	1,230,731
July 1, 1991	138,390	137,103	68,558	913,268	1,257,319
July 1, 1992	139,703	141,240	69,605	901,717	1,252,265
July 1, 1993	146,651	146,421	66,076	912,514	1,271,662
July 1, 1994	149,067	148,014	61,262	909,506	1,267,849
	152,434	150,311	67,161	919,898	1,289,804
July 1, 1995	155,144	152,482	68,844	921,626	1,298,096
July 1, 1996	157,468	154,364	70,474	921,609	1,303,915
July 1, 1997	162,011	161,225	71,763	932,931	1,327,930
July 1, 1998	163,562	165,205	73,920	931,439	1,334,125
July 1, 1999	165,743	164,570	74,441	927,689	1,332,442
May 1, 2000	168,544	167,073	75,200	927,174	1,337,991
July 1, 2000r	168,445	166,256	74,675	924,696	1,334,072
July 1, 2001r	167,880	167,301	73,599	921,454	1,330,234
July 1, 2002r	170,524	170,370	74,353	926,954	1,342,201
July 1, 2003r	173,336	172,561	75,358	926,671	1,347,926
July 1, 2004r	176,550	177,384	77,078	937,160	1,368,172
July 1, 2005r	180,643	185,145	78,371	943,193	1,387,352
July 1, 2006r	182,960	189,891	79,408	947,161	1,399,420
July 1, 2007	184,002	192,292	81,692	948,147	1,406,133

<sup>1</sup>Including Kalawao County (Kalaupapa Settlement).

r: Revised from previous Data Book.

SOURCE: Federal-State Cooperative Program for Population Estimates; Hawai'i 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
<b>State Total</b>	<b>964,691</b>	<b>1,108,229</b>	<b>1,211,537</b>	<b>14.9</b>	<b>9.3</b>
<b>Maui County<sup>1</sup></b>	<b>70,991</b>	<b>100,504</b>	<b>128,241</b>	<b>41.6</b>	<b>27.6</b>
Hāna	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
Lānaʻi	2,119	2,426	3,193	14.5	31.6
Molokaʻi	5,905	6,587	7,257	11.5	10.2
Kalawao	144	130	147	-9.7	13.1
<b>City &amp; Co. of Honolulu</b>	<b>762,565</b>	<b>836,231</b>	<b>876,156</b>	<b>9.7</b>	<b>4.8</b>
Honolulu	365,048	377,059	372,279	3.3	-1.3
Koʻolaupoko	109,373	117,694	117,994	7.6	0.3
Koʻolaupoko	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
Waiʻanae	31,487	37,411	42,259	18.8	13.0
ʻEwa	191,051	230,189	272,328	20.5	18.3
<b>Hawaiʻi County</b>	<b>92,053</b>	<b>120,317</b>	<b>148,677</b>	<b>30.7</b>	<b>23.6</b>
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
Hāmākua	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
Kaʻu	3,699	4,438	5,827	20.0	31.3
<b>Kauaʻi County</b>	<b>39,082</b>	<b>51,177</b>	<b>58,463</b>	<b>30.9</b>	<b>14.2</b>
Hanalei	2,668	4,631	6,348	73.6	37.1
Kawaihau	10,497	15,627	18,525	48.9	18.5
Līhuʻe	8,590	10,663	12,022	24.1	12.7
Kōloa	8,734	11,368	12,845	30.2	13.0
Waimea	8,593	8,888	8,723	3.4	-1.9

<sup>1</sup> Including Kalawao County.

SOURCE: U.S. Department of Commerce, Bureau of the Census, 2000 Census of Population and Housing, Census 2000 Redistricting Data Summary: Hawaiʻi (March 2001); and 1990 Census of Population and Housing, Population and Housing Unit Counts, Hawaiʻi, 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
<b>Maui + Kalawao Counties</b>	<b>128,241</b>	<b>1,172.4</b>	<b>109.4</b>
<b>Maui Island</b>	<b>117,644</b>	<b>771.9</b>	<b>152.4</b>
Ha'kū-Pa'uwela division	8,377	59.9	139.8
Hāna division	1,855	180.5	10.3
Kahului division	20,134	5.8	3,501.4
Kīhei division	19,843	38.8	511.5
Kula division	9,729	263.4	36.9
Lahaina division	17,967	95.9	187.4
Makawao-Pā'ia division	18,370	43.3	424.1
Pu'unene division	12	4.6	2.6
Spreckelsville division	337	19.8	17.0
Waihe'e-Waikapū division	3,397	54.6	62.2
Wailuku division	17,623	5.3	3,324.4
Ha'kū-Pa'uwela CDP	6,578	15.8	417.5
Hāli'imaile CDP	895	1.7	534.0
Hana CDP	709	2.2	326.0
Kā'anapali CDP	1,375	4.9	282.8
Kahului CDP	20,146	15.2	1,328.7
Kapalua CDP	467	1.7	272.9
Kīhei CDP	16,749	10.2	1,648.6
Lahaina CDP	9,118	5.8	1,584.7
Ma'alaea CDP	454	4.8	95.3
Makawao CDP	6,327	4.7	1,353.8
Nāpili-Honokōwai CDP	6,788	5.9	1,153.9
Pā'ia CDP	2,499	6.1	410.8
Pukalani CDP	7,380	4.4	1,671.1
Waihe'e-Waikapū CDP	7,310	4.3	1,718.5
Waikapū CDP	1,115	11.0	101.6
Wailea-Mākena CDP	5,671	22.6	250.6
Wailuku CDP	12,296	5.1	2,427.4
<b>Moloka'i</b>	<b>7,404</b>	<b>260.0</b>	<b>28.5</b>
Kalawao County (Kalaupapa)	147	13.2	11.1
East Moloka'i CCD	4,688	119.4	39.3
West Moloka'i CCD	2,569	127.4	20.2
Kaunakakai CDP	2,726	2.0	1,342.7
Kualapu'u CDP	1,936	30.5	63.5
Maunaloa CDP	230	0.2	1,374.6
<b>Lāna'i</b>	<b>3,193</b>	<b>140.5</b>	<b>22.7</b>
Lāna'i 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: Hawai'i (March 2001).



1.3.5

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

District and Census Tract	Population	Households
<b>Maui + Kalawao Counties</b>	<b>128,241</b>	<b>43,622</b>
<b>Hāna</b>	<b>1,855</b>	<b>592</b>
301	1,855	592
<b>Makawao</b>	<b>36,476</b>	<b>13,009</b>
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
<b>Wailuku</b>	<b>61,346</b>	<b>20,409</b>
306	337	130
307.01	3,579	1,089
307.02	8,057	2,974
307.03	8,207	3,494
308	3,397	1,050
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
<b>Lahaina</b>	<b>17,967</b>	<b>6,031</b>
314.01	2,492	988
314.02	2,433	646
314.03	4,276	1,000
315	8,766	3,397
<b>Lānaʻi</b>	<b>3,193</b>	<b>1,161</b>
316	3,193	1,161
<b>Molokaʻi</b>	<b>7,257</b>	<b>2,305</b>
317	4,688	1,527
318	2,569	778
<b>Kalawao (Kalaupapa)</b>	<b>147</b>	<b>115</b>
319	147	115

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

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

### RACE (ALONE OR IN COMBINATION)

#### SEX

	Total Population	SEX		White	Black or African American	American Indian and Alaska Native	Asian	Native Hawaiian and Other Pacific Islander	Some other race	Hispanic or Latino (any race)
		Male	Female							
<b>Maui County</b>	<b>128,094</b>	<b>64,329</b>	<b>63,765</b>	<b>62,688</b>	<b>1,272</b>	<b>2,738</b>	<b>61,148</b>	<b>33,019</b>	<b>5,874</b>	<b>16,511</b>
<b>Maui Island</b>	<b>117,644</b>	<b>59,175</b>	<b>58,469</b>	<b>59,640</b>	<b>1,179</b>	<b>2,488</b>	<b>55,656</b>	<b>27,835</b>	<b>5,585</b>	<b>15,376</b>
Ha'uku-Pa'uwela division	8,377	4,272	4,105	6,347	124	273	2,109	1,917	352	1,106
Ha'uku-Pa'uwela CDP	6,578	3,361	3,217	4,889	94	200	1,811	1,514	259	889
Hāna division	1,855	899	956	814	6	49	556	1,178	35	180
Hāna 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
Kīhei division	19,843	10,096	9,747	12,550	326	394	6,737	3,221	769	2,087
Kīhei CDP	16,749	8,502	8,247	10,026	273	333	6,176	2,985	678	1,824
Matālaea CDP	454	240	214	405	2	5	46	18	9	27
Wailea-Mākena 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-Mākena 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
Kā'anapali 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
Nāpili-Honokōwai CDP	6,788	3,502	3,286	4,294	91	145	1,895	1,075	478	922
Makawao-Pā'ia division	18,370	9,195	9,175	10,834	145	483	8,214	5,003	967	3,235
Hāli'imaile 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

**RACE (ALONE OR IN COMBINATION)**

	Total Population	SEX		White	Black or African American	American Indian and Alaska Native	Asian	Native Hawaiian and Other Pacific Islander	Some other race	Hispanic or Latino (any race)
		Male	Female							
Pā'ia 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
Pu'uhonē 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)	-	-	-	-	-	-	-	-	-	-
Waihe'e-Waikapū division	3,397	1,724	1,673	1,324	21	38	1,884	966	118	321
Waihe'e-Waiehu CDP (part)	1,330	685	645	548	8	17	643	451	51	129
Waikapū 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
Waihe'e-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
<b>Moloka'i (including Kalawao)</b>	<b>7,404</b>	<b>3,618</b>	<b>3,786</b>	<b>2,299</b>	<b>75</b>	<b>189</b>	<b>3,101</b>	<b>4,599</b>	<b>169</b>	<b>702</b>
West Moloka'i division	2,569	1,280	1,289	734	30	67	952	1,727	68	211
Kualapu'u 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 Moloka'i 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
<b>Lāna'i</b>	<b>3,193</b>	<b>1,609</b>	<b>1,584</b>	<b>795</b>	<b>18</b>	<b>61</b>	<b>2,418</b>	<b>659</b>	<b>130</b>	<b>439</b>
Lāna'i division	3,193	1,609	1,584	795	18	61	2,418	659	130	439
Lāna'i 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 yrs	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
<b>Maui County</b>	<b>128,094</b>	<b>8,579</b>	<b>9,079</b>	<b>9,336</b>	<b>8,658</b>	<b>6,970</b>	<b>7,723</b>	<b>21,891</b>	<b>19,823</b>	<b>6,599</b>	<b>4,807</b>	<b>7,715</b>	<b>5,272</b>	<b>1,642</b>	<b>36.8</b>
<b>Kalawao County (Kalaupapa)</b>	<b>147</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>9</b>	<b>18</b>	<b>31</b>	<b>19</b>	<b>18</b>	<b>35</b>	<b>12</b>	<b>0</b>	<b>58.6</b>
<b>Maui Island</b>	<b>117,644</b>	<b>7,822</b>	<b>8,182</b>	<b>13,433</b>	<b>5,194</b>	<b>3,911</b>	<b>16,569</b>	<b>20,458</b>	<b>18,511</b>	<b>6,056</b>	<b>4,323</b>	<b>6,963</b>	<b>4,753</b>	<b>1,469</b>	<b>36.9</b>
Ha'kū-Pa'uwela	8,377	586	613	946	349	271	1,201	1,668	1,568	408	210	311	191	55	36.5
Ha'kū-Pa'uwelaCDP	6,578	458	506	747	282	206	956	1,303	1,182	322	167	253	145	51	36.1
Hāna division	1,855	134	135	284	91	65	207	215	345	105	82	110	63	19	35.6
Hāna 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
Ma'alaea 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
Kā'anapali 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
Nāpili-Honokōwai CDP	6,788	541	441	562	260	279	1,349	1,404	1,028	307	194	259	138	26	34.8
Makawao-Pā'ia division	18,370	1,249	1,372	2,482	877	588	2,345	3,273	3,022	903	596	943	550	170	36.0
Hāli'imaile 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.

**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
Pā'ia CDP	2,499	180	182	302	170	100	352	452	349	113	87	10	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
Pu'unene 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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Waihe'e-Waikapū division	3,397	234	239	437	168	88	325	629	628	173	118	179	147	32	38.7
Waihe'e-Waiehu CDP (part)	1,330	86	95	153	64	45	129	260	206	75	55	86	64	12	38.7
Waikapū 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
Waihe'e-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
<b>Lāna'i</b>	<b>3,193</b>	<b>220</b>	<b>270</b>	<b>400</b>	<b>141</b>	<b>108</b>	<b>425</b>	<b>474</b>	<b>364</b>	<b>162</b>	<b>163</b>	<b>214</b>	<b>184</b>	<b>68</b>	<b>35.6</b>
Lāna'i division	3,193	220	270	400	141	108	425	474	364	162	163	214	184	68	35.6
Lāna'i City CDP	3,164	220	269	398	141	108	425	469	358	159	160	213	176	68	35.4
<b>Moloka'i (with Kalaupapa)</b>	<b>7,404</b>	<b>537</b>	<b>627</b>	<b>1,223</b>	<b>382</b>	<b>177</b>	<b>738</b>	<b>977</b>	<b>979</b>	<b>400</b>	<b>339</b>	<b>573</b>	<b>347</b>	<b>105</b>	<b>35.2</b>
East Moloka'i 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 Moloka'i division	2,569	204	269	412	126	55	294	341	295	134	110	176	129	24	32.9
Kualapu'u 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. <sup>1</sup>	Percent
All Races (Total Population)	128,094	100.00%		
White	43,421	33.90%	62,688	48.94%
Of Portuguese Ancestry <sup>2</sup>			7,142	5.58%
Black	509	0.40%	1,272	0.99%
AIAN <sup>3</sup>	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 <sup>4</sup>	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

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

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

<sup>3</sup> AIAN: American Indian or Alaskan native.

<sup>4</sup> 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
4/1/2000-7/1/2001	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
7/1/2004-7/1/2005	1,899	965	934	505	409	1,880
7/1/2005-7/1/2006	1,879	952	927	576	102	1,633
7/1/2006-7/1/2007	2,037	918	1,119	513	-261	1,388

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 in-migration to an area and domestic out-migration from it during the period. Domestic in-migration and out-migration 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, 2007."

**1.3.10**  
**MARRIAGES BY RESIDENCY OF**  
**BRIDE AND GROOM, MAUI COUNTY<sup>1</sup>**

<b>Residency</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Both Bride and Groom are Residents	991	1,003	941	998	957	949	968
Only One is a Resident	43	36	47	69	51	48	48
Both Bride and Groom are Non-Residents	7,839	7,199	7,950	8,653	9,012	8,835	8,563
<b>Total</b>	<b>8,873</b>	<b>8,238</b>	<b>8,938</b>	<b>9,720</b>	<b>10,020</b>	<b>9,832</b>	<b>9,579</b>

<sup>1</sup> Includes Kalawao.

SOURCE: State of Hawai'i, Department of Health, Office of Health Status Monitoring, records

**1.3.11**  
**MARRIAGES IN MAUI COUNTY<sup>1</sup> WHERE BOTH**  
**BRIDE AND GROOM ARE NON-RESIDENTS**

	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
January	468	575	511	487	462	415
February	560	617	584	591	540	476
March	719	685	651	702	592	516
April	693	784	735	717	621	629
May	1,031	1,032	1,048	969	871 r	713
June	830	833	806	848	673 r	591
July	739	821	739	738	849	518
August	810	779	824	687	673	652
September	851	865	892	871	737 r	558
October	835	940	932	855	776 r	n/a
November	641	587	652	593	533 r	n/a
December	476	494	458	503	390 r	n/a
<b>Total</b>	<b>8,653</b>	<b>9,012</b>	<b>8832</b>	<b>8,561</b>	<b>7,717 r</b>	<b>5,068</b>

<sup>1</sup> Includes Kalawao.

n/a: Not available.

r: Revised from previous Data Book.

SOURCE: State of Hawai'i, 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*

<b>Zip Code</b>	<b>Location</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Maui Island</b>							
96708	Ha'kū	124	99	101	129	139	127
96713	Hāna	33	29	33	29	33	35
96732	Kahului	310	350	303	344	343	412
96753	Kihei	301	306	347	305	343	325
96761	Lahaina	290	279	296	299	288	329
96768	Makawao/Pukalani	190	226	232	221	239	233
96779	Pā'ia	38	40	43	27	37	40
96784	Pu'unene	0	0	9	0	0	0
96790	Kula	69	70	78	65	74	91
96793	Wailuku	333	350	333	330	371	408
<b>Lāna'i</b>							
96763	Lāna'i City	38	37	26	49	41	46
<b>Moloka'i</b>							
96729	Ho'olehua	14	13	19	13	18	19
96748	Kaunakakai	82	49	55	57	64	63
96757	Kualapu'u	15	13	9	13	13	9
96770	Maunaloa	13	8	9	14	15	8
<b>Unknown</b>		5	0	11	14	9	8
<b>Total</b>		<b>1,855</b>	<b>1,878</b>	<b>1,895</b>	<b>1,909</b>	<b>2,027</b>	<b>2,153</b>

SOURCE: Hawai'i State Department of Health, Office of Health Status Monitoring, records.



1.3.13

**CHARACTERISTICS OF LIVE BIRTHS,  
MAUI COUNTY**

<b>Characteristic</b>	<b>2004</b>	<b>Percent</b>	<b>2005</b>	<b>Percent</b>	<b>2006</b>	<b>Percent</b>
<b>Births By Area of Residence</b>						
Maui County	1,895	100.00%	1,909	100.00%	2,027	100.00%
Maui	1,774	93.61%	1,763	91.87%	41	2.02%
Moloka'i	1211	6.39%	97	5.05%	1,874	92.45%
Lāna'i	n/a	n/a	49	2.55%	112	5.53%
<b>Ethnicity of Child</b>						
Caucasian	438	23.11%	411	21.53%	444	21.90%
Hawaiian	782	41.27%	818	42.85%	890	43.91%
Chinese	27	1.42%	21	1.10%	21	1.04%
Filipino	370	19.53%	346	18.12%	373	18.40%
Japanese	107	5.65%	126	6.60%	93	4.59%
All Others	171	9.02%	187	9.80%	206	10.16%
Total	1,895	100.00%	1909	100.00%	2,027	100.00%
<b>Ethnicity of Mother</b>						
Caucasian	572	30.18%	554	29.02%	591	29.16%
Hawaiian	592	31.24%	622	32.58%	675	33.30%
Chinese	20	1.06%	18	0.94%	22	1.09%
Filipino	427	22.53%	400	20.95%	421	20.77%
Japanese	116	6.12%	125	6.55%	116	5.72%
All Others	168	8.87%	190	9.95%	202	9.97%
Total	1,895	100.00%	1909	100.00%	2,027	100.00%

SOURCE: Hawai'i State Department of Health, Office of Health Status Monitoring, records.

## 1.3.14

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

Forecast Variables	Historical 2000	Projected					
		2005	2010	2015	2020	2025	2030
Total resident population	128,969	140,050	151,300	162,600	174,450	186,850	199,550
De Facto 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: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *Population and Economic Projections for the State of Hawai'i to 2030*, August 2004.

## 1.4.1

### PERSONAL INCOME, TOTAL AND PER CAPITAL, BY COUNTY

Year	Maui + Kalawao Counties	Hawai'i County	Kaua'i County	City and County of Honolulu	State Total
<b>Total Personal Income (x \$1,000)</b>					
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	3,523,628	3,563,723	1,463,689	27,818,834	36,369,874
2003	3,691,181	3,721,683	1,538,491	28,885,499	37,836,854
2004r	4,042,081	4,056,218	1,684,901	31,244,076	41,027,276
2005r	4,338,599	4,439,841	1,820,034	33,684,415	44,282,889
2006r	4,690,841	4,749,753	1,944,927	35,954,013	47,339,534
2007p	NA	NA	NA	NA	50,358,763
<b>Per Capita Income (\$)</b>					
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	25,146	21,435	24,101	30,401	28,435
2001	25,445	22,347	24,416	30,742	28,826
2002	26,532	23,268	24,625	31,492	29,599
2003	27,365	23,808	25,635	32,488	30,506
2004r	29,474	25,331	27,619	34,875	32,713
2005r	31,190	26,946	29,511	37,343	34,935
2006r	33,383	28,036	31,377	39,653	37,023
2007p	NA	NA	NA	NA	39,239

NA: Data not available for this year.

r: Revised from previous Data Book.

P: Preliminary

**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, 2007.

## 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

*All Figures Revised*

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
1990	138.1	135.5	140.8	138.9	136.3	141.6
1991	148.0	146.8	149.1	148.9	147.7	150.1
1992	155.1	153.9	156.4	155.9	154.6	157.2
1993	160.1	158.6	161.6	160.7	159.4	162.0
1994	164.5	163.4	165.7	164.7	163.5	165.8
1995	168.1	166.9	169.4	168.4	167.2	169.7
1996	170.7	170.5	171.0	171.0	170.8	171.2
1997	171.9	172.1	171.8	172.2	172.4	172.0
1998	171.5	172.0	171.0	171.6	172.3	171.0
1999	173.3	172.7	173.8	173.4	173.0	173.9
2000	176.3	175.9	176.7	176.5	176.0	176.9
2001	178.4	178.1	178.7	179.1	178.6	179.5
2002	180.3	180.1	180.4	180.6	180.4	180.7
2003	184.5	183.2	185.7	184.3	183.4	185.3
2004	190.6	189.2	191.9	190.2	188.8	191.5
2005	197.8	195.0	200.6	197.2	194.6	199.8
2006	209.4	206.4	212.3	208.5	205.6	211.4
2007	219.5	216.6	222.4	218.5	215.7	221.4

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 Hawai'i State Data Center, and BLS.

**1.4.4**  
**ESTIMATED COST OF LIVING BY CATEGORY, COUNTIES OF HAWAII**  
**RELATIVE 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	117.73	121.90	126.75
Dairy products	134.00	127.68	139.91	163.44	Maintenance and repairs	101.69	113.73	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					
Nonalcoholic beverages	137.96	138.17	137.26	146.04	Medical	95.93	89.90	89.11	90.77
Food away from home	120.67	108.75	104.99	110.18	Health insurance	78.85	78.47	77.33	78.32
Alcoholic beverages	118.23	106.06	102.89	116.57	Medical services	116.19	99.61	101.87	99.65
					Drugs and medical supplies	109.95	105.46	100.69	110.40
Shelter and Utilities	148.36	143.77	115.95	141.32					
Shelter	128.09	132.59	90.58	118.21	Recreation	106.87	106.91	101.72	109.90
Energy utilities	363.28	267.67	382.07	391.70	Fees and admissions	95.25	99.68	88.62	104.33
Water and other public services	87.46	86.36	52.84	48.30	Television, radios, sound equip	109.47	105.22	108.38	109.71
					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					
Other apparel products and services	173.03	148.23	172.72	223.87	Overall Price Index	127.49	122.78	112.11	123.58
					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

(\$1,000)

Earnings by Industry <sup>1</sup>	2006	Earnings by Industry	2006
<b>Personal income</b>	<b>4,690,841</b>	<b>Nondurable goods manufacturing</b>	<b>116,797</b>
<b>Population (persons)<sup>2</sup></b>	<b>140,515</b>	Food manufacturing	43,837
<b>Per capita personal income (dollars)</b>	<b>33,383</b>	Beverage and tobacco product manufacturing	(D)
<b>Earnings by place of work</b>	<b>3,704,324</b>	Textile mills	798
less: Contributions for government social ins. <sup>3</sup>	395,663	Textile product mills	213
Employee and self-employed contributions	207,556	Apparel manufacturing	1,349
Employer contributions	188,107	Leather and allied product manufacturing	117
plus: Adjustment for residence <sup>4</sup>	(26,611)	Paper manufacturing	54,010
equals: Net earnings by place of residence	3,282,050	Printing and related support activities	4,988
plus: Dividends, interest, and rent <sup>5</sup>	740,067	Petroleum and coal products manufacturing	0
plus: Personal current transfer receipts	668,724	Chemical manufacturing	(D)
<b>Wage and salary disbursements</b>	<b>2,711,796</b>	Plastics and rubber products manufacturing	202
<b>Supplements to wages and salaries</b>	<b>581,831</b>	<b>Wholesale trade</b>	<b>76,819</b>
Employer contributions, pension & insurance	393,724	<b>Retail trade</b>	<b>333,981</b>
Employer contributions, social insurance	188,107	Motor vehicle and parts dealers	47,623
Proprietors' income <sup>6</sup>	410,697	Furniture and home furnishings stores	12,356
Farm proprietors' income	(162)	Electronics and appliance stores	(D)
Nonfarm proprietors' income	410,859	Building material and garden supply stores	27,865
<b>Farm earnings</b>	<b>71,880</b>	Food and beverage stores	57,801
<b>Nonfarm earnings</b>	<b>3,632,444</b>	Health and personal care stores	24,185
<b>Private earnings</b>	<b>3,053,520</b>	Gasoline stations	17,068
<b>Forestry, fishing, related activities, and other<sup>7</sup></b>	<b>(D)</b>	Clothing and clothing accessories stores	50,264
Forestry and logging	(D)	Sporting goods, hobby, book and music stores	13,445
Fishing, hunting, and trapping	(D)	General merchandise stores	41,594
Agriculture and forestry support activities	(D)	Miscellaneous store retailers	36,776
Other <sup>7</sup>	0	Nonstore retailers	(D)
<b>Mining</b>	<b>(D)</b>	<b>Transportation and warehousing</b>	<b>139,288</b>
Oil and gas extraction	555	Air transportation	33,585
Mining (except oil and gas)	(D)	Rail transportation	0
Support activities for mining	0	Water transportation	(D)
<b>Utilities</b>	<b>45,053</b>	Truck transportation	21,426
<b>Construction</b>	<b>338,645</b>	Transit and ground passenger transportation	8,289
Construction of buildings	116,057	Pipeline transportation	0
Heavy and civil engineering construction	67,194	Scenic and sightseeing transportation	45,751
Specialty trade contractors	155,394	Support activities for transportation	17,533
<b>Manufacturing</b>	<b>195,733</b>	Couriers and messengers	6,583
Durable goods manufacturing	78,936	Warehousing and storage	(D)
Wood product manufacturing	(D)	<b>Information</b>	<b>56,133</b>
Nonmetallic mineral product manufacturing	43,878	Publishing industries, except Internet	16,343
Primary metal manufacturing	18,710	Motion picture and sound recording industries	(D)
Fabricated metal product manufacturing	2,385	Broadcasting, except Internet	(D)
Machinery manufacturing	(D)	Internet publishing and broadcasting	(D)
Computer and electronic product manufacturing	(D)	Telecommunications	34,073
Electrical equipment and appliance manufacturing	0	ISPs, search portals, and data processing	(D)
Motor vehicles, & trailers, and parts manuf.	184	Other information services	(L)
Other transportation equipment manufacturing	(D)		
Furniture and related product manufacturing	(D)		
Miscellaneous manufacturing	7,068		

## 1.4.5

CONTINUED

Earnings by Industry <sup>1</sup>	2006	Earnings by Industry	2006
<b>Finance and insurance</b>	<b>62,809</b>	<b>Arts, entertainment, and recreation</b>	<b>105,124</b>
Monetary authorities - central bank	0	Performing arts and spectator sports	30,660
Credit intermediation and related activities	36,815	Museums, historical sites, zoos, and parks	9,449
Securities, commodity contracts, investments	15,341	Amusement, gambling, and recreation	65,015
Insurance carriers and related activities	10,653	<b>Accommodation and food services</b>	<b>822,768</b>
Funds, trusts, and other financial vehicles	0	Accommodation	612,586
Real estate and rental and leasing	122,738	Food services and drinking places	210,182
<b>Real estate</b>	<b>86,200</b>	<b>Other services, except public administration</b>	<b>136,500</b>
Rental and leasing services	(D)	Repair and maintenance	36,022
Lessors of nonfinancial intangible assets	(D)	Personal and laundry services	27,702
<b>Professional and technical services</b>	<b>134,283</b>	Membership associations and organizations	62,844
<b>Management of companies and enterprises</b>	<b>36,732</b>	Private households	9,932
<b>Administrative and waste services</b>	<b>149,631</b>	<b>Government and government enterprises</b>	<b>578,924</b>
Administrative and support services	137,935	Federal, civilian	59,167
Waste management and remediation services	11,696	Military	43,865
<b>Educational services</b>	<b>38,272</b>	State and local	475,892
<b>Health care and social assistance</b>	<b>(D)</b>	State government	335,075
Ambulatory health care services	170,558	Local government	140,817
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).

<sup>1</sup> The estimates of earnings for 2001-2006 are based on the 2002 North American Industry Classification System (NAICS).

<sup>2</sup> Census Bureau midyear population estimates. Estimates for 2001-2006 reflect county population estimates available as of April 2008.

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

<sup>4</sup> 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.

<sup>5</sup> Rental income of persons includes the capital consumption adjustment.

<sup>6</sup> Proprietors' income includes the inventory valuation adjustment and capital consumption adjustment.

<sup>7</sup> "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.

(L) Less than \$50,000, but the estimates for this item are included in the totals.

SOURCE: U.S. Bureau of Economic Analysis, Regional Economic Information System, April 2008.

## 1.4.6

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

*1982 - 1984 Average = 100 unless otherwise noted*

Group	2003	2004	2005	2006	2007
<b>All items</b>	<b>184.5</b>	<b>190.6</b>	<b>197.8</b>	<b>209.4</b>	<b>219.5</b>
<b>Food and beverages</b>	<b>174.9</b>	<b>180.2</b>	<b>185.9</b>	<b>194.2</b>	<b>204.9</b>
Food	174.1	179.5	185.4	193.9	204.9
Food at home	178.7	185.7	191.4	198.9	211.0
Food away from home	167.1	171.0	176.4	186.0	195.1
Alcoholic beverages	184.0	188.5	191.5	197.7	204.3
<b>Housing</b>	<b>186.2</b>	<b>194.3</b>	<b>205.2</b>	<b>222.5</b>	<b>238.4</b>
Shelter	200.3	209.7	221.4	242.2	260.5
Rent of primary residence	190.2	196.9	207.6	228.9	247.4
Owners' equivalent rent	206.4	214.4	225.0	248.3	267.9
Fuels and utilities	154.1	161.1	179.8	203.3	214.0
Household energy	137.7	146.1	165.4	187.3	192.5
Gas (piped) and electricity	136.9	144.8	163.5	185.2	190.2
Electricity	133.6	141.1	159.2	181.1	186.0
Utility natural gas service	167.7	180.7	206.9	217.8	224.5
Household furnishings and operations	162.8	166.4	165.1	162.6	165.4
<b>Apparel</b>	<b>98.5</b>	<b>101.2</b>	<b>102.5</b>	<b>104.4</b>	<b>104.1</b>
<b>Transportation</b>	<b>176.4</b>	<b>182.4</b>	<b>191.6</b>	<b>202.1</b>	<b>205.0</b>
Private transportation	171.5	179.4	189.1	199.8	202.8
Motor fuel	154.5	172.6	203.7	234.0	243.9
Gasoline (all types)	158.5	177.5	209.3	240.4	250.6
Gasoline, unleaded regular	166.0	186.6	220.3	253.5	264.6
Gasoline, unleaded midgrade <sup>2</sup>	124.9	139.4	164.3	188.4	195.9
Gasoline, unleaded premium	145.0	160.5	188.4	215.1	223.7
<b>Medical care</b>	<b>No Data</b>	<b>275.9</b>	<b>No Data</b>	<b>No Data</b>	<b>309.2</b>
<b>Recreation<sup>3</sup></b>	<b>100.4</b>	<b>102.3</b>	<b>97.8</b>	<b>101.1</b>	<b>102.6</b>
<b>Education and communicatio</b>	<b>112.5</b>	<b>113.5</b>	<b>114.3</b>	<b>114.0</b>	<b>114.0</b>
<b>Other goods and services</b>	<b>307.6</b>	<b>312.4</b>	<b>321.0</b>	<b>332.1</b>	<b>347.5</b>



## 1.4.6

CONTINUED

Group	2003	2004	2005	2006	2007
<b>Special aggregate indexes</b>					
All items less shelter	178.5	183.2	188.1	195.6	201.5
All items less medical care	180.2	186.3	193.5	205.1	215.0
All items less energy	188.6	194.3	200.2	211.0	221.3
All items less food and energy	192.6	198.4	204.4	215.6	225.9
Commodities	154.8	159.3	164.1	169.4	174.5
Commodities less food	141.4	145.3	149.5	152.9	155.0
Commodities less food and beverages	139.4	143.3	147.5	150.8	152.8
Durables	122.6	122.1	121.0	120.2	120.4
Nondurables	164.2	170.3	177.6	186.0	193.9
Nondurables less food	153.1	159.9	168.6	177.1	181.6
Nondurables less food and beverages	150.8	157.9	167.0	175.7	180.1
Energy	147.0	160.6	186.3	211.6	219.2
Services	210.3	217.8	227.1	244.2	258.9
Services less rent of shelter <sup>1</sup>	224.5	229.5	234.1	246.1	253.7
Services less medical care services	205.4	213.2	222.6	240.4	254.9

<sup>1</sup> December 1982 = 100.

<sup>2</sup> December 1993 = 100.

<sup>3</sup> December 1997 = 100.

SOURCE: U.S. Bureau of Labor Statistics.

## 1.5.1

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

*Data are for facilities recognized by the Hawai'i State health planning and Development Agency*

### Area by Type of Beds by Facility for the Calendar Year 2006

Area/ Type	Facility	Licensed Beds	Inpatient Days	Admissions	Avg. Length of Stay	Avg. Daily Census	Percent Occ.
<b>Medical/Surgical</b>							
	Lana'i Community Hospital	4	72	29	2.5	4.93	0.2
	Maui Memorial Hospital	122	40,076	7,650	5.2	90.00	109.8
	Moloka'i General Hospital	10	354	104	3.4	9.70	1.0
<b>Critical Care</b>							
	Maui Memorial Hospital	16	3,708	796	4.7	63.49	10.2
<b>Obstetric</b>							
	Maui Memorial Hospital	23	7,385	3,466	2.1	87.97	20.2
	Moloka'i General Hospital	2	35	29	1.2	4.79	0.1
<b>Psychiatric (Psych)</b>							
	Maui Memorial Hospital	18	3,389	507	6.7	51.58	9.3
<b>SNF/ICF</b>							
	Hale Makua (Wailuku & Kahului)	378	131,507	424	310.2	95.32	360.3
	Lana'i Community Hospital	10	3,476	10	347.6	95.23	9.5
	Moloka'i General Hospital	2	730	1	730.0	100.00	2.0
<b>Acute/SNF</b>							
	Moloka'i General Hospital	1	281	13	21.6	76.99	0.8
<b>Skilled Nursing (SNF)</b>							
	Maui Memorial Hospital	18	4,667	188	24.8	71.04	12.8
<b>Mentally Retarded (MR)</b>							
	Kula Hospital	na	na	na	na	na	na
<b>Hansen's Disease</b>							
	Kalaupapa Care Home	16	1,329	1	1,329.0	22.76	3.6
<b>Other(s)</b>							
	The Maui Farm, Inc.	15	797	1	797.0	14.56	2.2
<b>Maui County Total</b>		<b>635</b>	<b>197,806</b>	<b>13,219</b>	<b>15.0</b>	<b>54.19</b>	<b>541.9</b>

Notes:

ALOS = Average Length of Stay, Occup% = Occupancy Rate, ADC = Average Daily Census, SNF= Skilled Nursing Facility  
ICF = Intermediate Care Facility

na: not available. Kula Hospital did not report in time for the 2006 publication.

SOURCE: Hawai'i 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 Hawai'i State Department of Health, Office of Health Care Assurance*

Location	Facilities	Beds	Persons <sup>1</sup> age 65+	Beds/1,000 persons age 65+
<b>Type I (up to 5 beds)</b>				
Kahului	6	28	3,452	8.11
Kihei	1	5	1,261	3.97
Wailuku	3	15	1,874	8.00
Maui Island Total	11	53	14,566	3.64
Moloka'i (Kaunakakai) <sup>2</sup>	3	15	586	25.60
Lāna'i	0	0	453	0.00
Maui County Total	13	63	14,566	4.33
Hawai'i Co	49	218	19,432	11.22
Kaua'i Co	12	51	7,980	6.39
C & C of Honolulu	392	1,876	115,946	16.18
State Total	466	2,205	157,997	13.96
<b>Type II (more than 5 beds)</b>				
Maui Island	0	0	0	0.00
Moloka'i (Kalaupapa)	0	0	73	0.00
Lāna'i	0	0	453	0.00
Maui County Total	0	0	14,566	0.00
Hawai'i Co	0	0	19,432	0.00
Kaua'i Co	1	10	7,980	1.25
C & C of Honolulu	19	355	115,946	3.06
<b>State Total</b>	<b>20</b>	<b>365</b>	<b>157,997</b>	<b>2.31</b>

<sup>1</sup> Bureau of the Census, Census 2000

<sup>2</sup> Combination of CDPs Kaunakakai, Kualapu'u, and Maunalo

Source: Hawai'i State Department of Health, Office of Health Care Assurance, Vacancy Report - Adult Residential care Homes and Expanded Adult Residential Care Homes, July 10, 2008.

## 1.5.3

## HEALTH PRACTITIONERS LICENSED IN HAWAII' BY PLACE OF ADDRESS

	Acupuncturist	Chiropractor	Dental Hygienist	Dentist	Massage Therapist
Maui	70	72	66	85	1,451
Moloka'i	1	2	2	3	19
Lāna'i	0	1	0	1	9
O'ahu	256	192	470	796	3,755
Hawai'i	87	49	57	102	1,157
Kaua'i	22	22	23	38	555
<b>Subtotal Hawai'i</b>	<b>436</b>	<b>338</b>	<b>618</b>	<b>1,025</b>	<b>6,946</b>
Mainland	161	247	230	409	1,088
Foreign/Other	13	8	3	23	98
<b>Total</b>	<b>610</b>	<b>593</b>	<b>851</b>	<b>1,457</b>	<b>8,132</b>

	Certified Physician's Assistant	Emergency Medical Tech. Basic	Emergency Medical Tech. Paramedic	Physician or Surgeon <sup>1</sup>	Osteopathic Physician and Surgeon
Maui	17	49	37	310	19
Moloka'i	0	1	5	12	1
Lāna'i	0	0	0	2	1
O'ahu	85	217	221	3,024	117
Hawai'i	6	234	84	369	24
Kaua'i	7	26	17	150	13
<b>Subtotal Hawai'i</b>	<b>115</b>	<b>527</b>	<b>364</b>	<b>3,867</b>	<b>175</b>
Mainland	22	7	37	3,362	298
Foreign/Other	0	0	0	64	2
<b>Total</b>	<b>137</b>	<b>534</b>	<b>401</b>	<b>7,293</b>	<b>475</b>

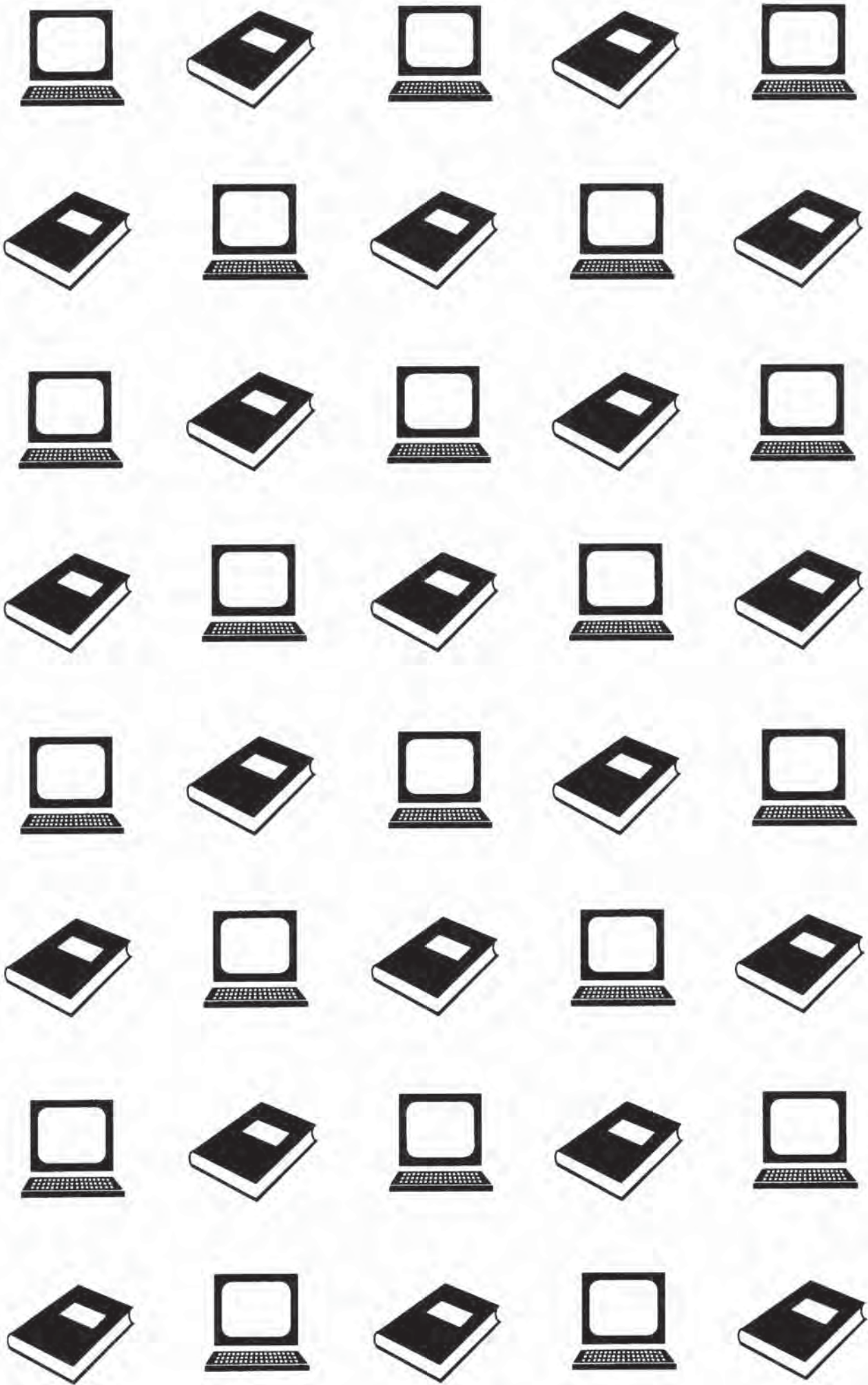
	Licensed Practical Nurse	Registered Nurse	Advanced Practice Registered Nurse	Occupational Therapist	Physical Therapist
Maui	325	1,106	35	30	93
Moloka'i	9	30	3	1	1
Lāna'i	2	11	0	0	0
O'ahu	1,318	8,751	476	249	510
Hawai'i	356	1,398	69	42	87
Kaua'i	160	558	30	12	37
<b>Subtotal Hawai'i</b>	<b>2,170</b>	<b>11,854</b>	<b>613</b>	<b>334</b>	<b>728</b>
Mainland	350	5,234	221	230	490
Foreign/Other	5	178	1	9	16
<b>Total</b>	<b>2,525</b>	<b>17,266</b>	<b>835</b>	<b>573</b>	<b>1,234</b>

	Naturopath	Optometrist	Pharmacist	Podiatrist	Psychologist
Maui	15	24	92	4	37
Moloka'i	0	0	3	0	0
Lāna'i	0	0	0	0	0
O'ahu	25	185	769	27	465
Hawai'i	18	19	105	5	62
Kaua'i	8	10	48	1	30
<b>Subtotal Hawai'i</b>	<b>66</b>	<b>238</b>	<b>1,017</b>	<b>37</b>	<b>594</b>
Mainland	25	113	807	34	202
Foreign/Other	0	3	3	1	2
<b>Total</b>	<b>91</b>	<b>354</b>	<b>1,827</b>	<b>72</b>	<b>798</b>

<sup>1</sup> Permanent licenses only. Does not include interns, residents, or physicians who provided state government services only.

SOURCE: Hawai'i State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Licensing Branch, records, July 30, 2008.



# 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 Hawai'i State Public Library System in Maui County has eight locations on three islands, Maui, Moloka'i and Lāna'i. Maui Community College Library holdings include four centers; two on Maui (Kahului and Hāna), and one each on Moloka'i and Lāna'i.

The principal sources of the data on education are the Hawai'i State Department of Education, the Hawai'i Association of Private Schools, and the University of Hawai'i Institutional Research Office. On libraries, the principal sources are the Hawai'i 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****Hāna**

Hana High and Elementary	K-12
--------------------------	------

**Kihei**

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

**Lahaina**

King Kamehameha III Elementary	K-5
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Lāhainā Intermediate	6-8
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Lahainaluna High	9-12
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Maui Preparatory School	PreK-10
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Princess Nahi'ena'ena Elementary	K-5
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Sacred Hearts Elementary	PreK-8
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**Kahului/Wailuku**

Christ the King Elementary	PreK-7
----------------------------	--------

H. Perrine Baldwin High	9-12
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Emmanuel Lutheran	K-8
-------------------	-----

'īao Intermediate	6-8
-------------------	-----

Isaiah Center for Excellence	4-12
------------------------------	------

Ka'ahumanu Hou Christian (Maui)	K-12
---------------------------------	------

Kahului Elementary	K-5
--------------------	-----

Lihikai Elementary	K-5
--------------------	-----

Maui Adventist	K-8
----------------	-----

Maui High	9-12
-----------	------

Maui Waena Intermediate	6-8
-------------------------	-----

Pomaika'i Elementary	K-5
----------------------	-----

St. Anthony Grade School	K-6
--------------------------	-----

St. Anthony Junior and Senior High	7-12
------------------------------------	------

Waihe'e Elementary	K-5
--------------------	-----

Wailuku Elementary	K-5
--------------------	-----

**UpCountry/North Shore**

Carden Academy of Maui	K-8
------------------------	-----

Clearview Christian Girls School	6-8
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Doris Todd Memorial Christian	PreK-8
-------------------------------	--------

Ha'ikū Elementary	K-5
-------------------	-----

Haleakalā Waldorf	PreK-8
-------------------	--------

Horizons Academy	K-11
------------------	------

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-8
--------------------	--------

Pā'ia Elementary	K-5
------------------	-----

Pukalani Elementary	K-5
---------------------	-----

St. Joseph	K-8
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Seabury Hall	6-12
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**LĀNA'I**

Lāna'i High and Elementary	K-12
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**MOLOKA'I**

Kaunakaka'i Elementary	K-6
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Kilohana Elementary	K-6
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Kualapu'u Elementary	K-6
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Maunaloa Elementary	K-6
---------------------	-----

Moloka'i Christian Academy	PreK-12
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Moloka'i High	9-12
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Moloka'i Intermediate	6-8
-----------------------	-----

Moloka'i Mission	1-8
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Note: Table does not include schools that are Pre-School only.

SOURCES: Hawai'i State Department of Education, records; Hawai'i Association of Independent Schools, Licensed Private Schools 2006-2007 and phone survey.

2.2

**PER PUPIL EXPENDITURES BY SCHOOLS  
AND FUNCTIONS, MAUI COUNTY  
2005-2006**

School	Instructional			Operations	Other Commitments
	Instruction	Support	Leadership		
<b>Elementary Schools</b>					
Ha'ikū	4,886.82	2,384.44	691.09	1,632.77	83.90
Kahului	5,035.61	2,109.96	617.01	1,648.78	59.70
Kamali'i	4,159.90	2,094.64	695.81	1,501.21	59.75
Kamehameha III	4,367.05	2,010.75	559.94	1,443.97	59.45
Kaunakaka'i	6,734.35	5,627.42	1,232.42	2,327.21	52.74
Ke'anae	Closed				
Kihei	4,757.41	1,870.49	613.08	1,715.12	74.11
Kilohana	6,955.57	5,245.09	2,495.66	2,856.72	126.75
Kualapu'u Public Charter School <sup>1</sup>	13,415.26	1,277.36	355.08	1,571.60	167.19
Kula	4,471.81	2,237.55	720.88	1,528.32	60.29
Lihikai	4,731.04	2,330.30	523.72	1,399.65	64.26
Makawao	5,581.03	2,870.13	820.17	1,543.40	108.64
Maunaloa	6,701.36	5,951.68	3,912.73	3,997.38	58.03
Nahi'ena'ena	4,740.36	2,196.69	651.14	968.91	58.94
Pā'ia	5,355.39	3,303.54	1,312.14	1,874.28	58.80
Pukalani	5,708.78	2,640.24	711.19	1,591.20	57.67
Waihe'e	4,625.13	2,168.02	536.87	1,484.70	59.62
Wailuku	5,326.99	1,865.59	543.72	1,442.47	86.75
<b>Intermediate/Middle Schools</b>					
Īao	4,288.47	2,448.17	783.62	1,473.55	75.99
Kalama	4,861.36	3,168.83	689.41	1,535.02	60.41
Lahaina	4,465.92	2,770.22	1,032.53	2,165.23	56.76
Lokelani	3,834.41	2,364.98	939.03	1,433.00	58.57
Maui Waena	4,290.35	2,614.98	720.29	1,357.35	57.97
Moloka'i	7,164.17	3,623.47	1,287.87	1,903.55	52.32
<b>High Schools</b>					
Baldwin	4,316.53	3,160.39	635.53	1,382.49	107.41
Kihei Public Charter High <sup>1</sup>	4,250.77	3,246.02	582.05	1,316.70	55.46
King Kekaulike	10,032.36	1,652.15	43.77	639.43	56.51
Lahainaluna	3,954.90	3,347.67	798.27	1,315.80	83.17
Maui	4,299.12	2,852.51	563.53	1,332.40	55.80
Moloka'i	5,215.07	5,220.68	1,525.31	1,962.12	56.77
<b>Multi-Level Schools</b>					
Hāna High & Elem	7,692.29	6,129.75	1,647.56	2,099.83	52.93
Lāna'i High & Elem	4,948.80	4,484.25	1,078.47	1,724.07	87.21

<sup>1</sup> Undistributed allotments

SOURCE: Hawai'i State Department of Education, records.



2.3

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

<b>School</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>Grades</b>
H. Perrine Baldwin High	1,680	1,574	1,559	1,602	9-12
Ha'ikū	428	421	412	441	K-5
Hāna High & Elementary	384	356	357	327	K-12
Īao	831	830	841	818	6-8
Kahului	850	865	895	857	K-5
S. Enoka Kalama Intermediate	1,014	945	927	894	6-8
Kamali'i	716	703	698	650	K-5
King Kamehameha III	698	744	738	701	K-5
Kaunakaka'i	216	218	212	231	K-6
Ke'anae	7	0	0	0	K-3
Kihei New Century PC High School <sup>1</sup>	115	149	218	277	K-12
King Kekaulike High	1,380	1,388	1,352	1,354	9-12
Kihei	855	810	793	799	K-5
Kilohana	89	98	98	111	K-6
Kualapu'u <sup>2</sup>	341	363	361	367	K-6
Kula Elementary	412	439	428	455	K-5
Lahaina Intermediate	637	578	584	615	6-8
Lahainaluna High	1,038	1,033	984	996	9-12
Lāna'i High & Elementary	640	616	609	575	K-12
Lihikai	1,108	1,102	1,118	1,006	K-5
Lokelani Intermediate	795	762	692	651	6-8
Makawao	455	469	481	493	K-5
Maui High	1,653	1,709	1,725	1,732	9-12
Maui Waena Intermediate	1,009	1,017	987	1,015	6-8
Maunaloa	69	57	57	62	K-6
Moloka'i High <sup>3</sup>	413	408	394	384	9-12
Moloka'i Intermediate <sup>4</sup>	215	181	160	147	6-8
Princess Nahi'ena'ena	661	598	625	624	K-5
Pā'ia	212	195	209	208	K-5
Pomaika'i <sup>5</sup>				327	K-5
Pukalani Elementary	480	457	458	479	K-5
Waihe'e	856	850	823	819	K-5
Wailuku Elementary	937	953	951	894	K-5
<b>Total Enrollment</b>	<b>21,194</b>	<b>20,888</b>	<b>20,746</b>	<b>20,267</b>	

<sup>1</sup> Kihei New Century PC High School is a Charter School, established in 2001.

<sup>2</sup> Formally Kualapu'u Elementary School. Changed to: Kualapu'u Elementary New Century Conversion Charter School.

<sup>3</sup> Formerly known as Moloka'i High and Intermediate School.

<sup>4</sup> Moloka'i Intermediate School opened in 2004.

<sup>5</sup> School opened 2007 school year.

SOURCE: Hawai'i State Department of Education. records.

2.4

**STUDENT PROFILES,  
MAUI COUNTY PUBLIC SCHOOLS, SCHOOL  
YEAR 2005-06**

<b>School</b>	<b>Fall Enrollment</b>	<b>Students Enrolled for the Entire School Year</b>	<b>Receiving Free or Reduced-cost Lunch</b>	<b>Students in Special Education</b>	<b>Students with Limited English Proficiency</b>
<b>Elementary Schools</b>					
Ha'ikū	412	91.5%	35.2%	10.0%	2.4%
Kahului	895	93.3%	44.2%	6.4%	28.0%
Kamali'i	698	90.5%	19.5%	8.3%	6.6%
Kamehameha III	738	88.2%	32.7%	8.0%	28.3%
Kaunakaka'i	212	93.9%	57.1%	14.6%	7.5%
Ke'anae <sup>1</sup>	Closed				
Kihei	793	88.1%	47.2%	4.8%	14.2%
Kilohana	98	91.8%	75.5%	14.3%	0.0%
Kualapu'u	361	94.5%	73.1%	4.4%	4.2%
Kula	428	94.4%	23.4%	7.5%	1.9%
Lihikai	1,118	92.3%	39.9%	7.8%	17.2%
Makawao	481	87.5%	46.2%	12.5%	5.0%
Maunaloa	57	84.2%	5.0%	7.0%	0.0%
Nahi'ena'ena	625	94.4%	32.0%	7.7%	32.8%
Pā'ia	209	93.3%	47.4%	3.8%	1.4%
Pukalani	458	93.7%	36.5%	10.7%	3.9%
Waihe'e	823	95.0%	36.8%	7.8%	6.4%
Wailuku	951	91.3%	36.2%	8.2%	11.8%
<b>Intermediate/Middle Schools</b>					
Īao	841	94.2%	27.7%	9.3%	4.0%
Kalama	927	93.4%	36.5%	16.8%	0.8%
Lahaina	584	94.3%	31.0%	13.0%	12.3%
Lokelani	692	89.9%	32.2%	10.0%	4.9%
Maui Waena	987	95.1%	36.2%	11.2%	12.0%
Moloka'i	160	96.9%	70.6%	14.4%	3.8%
<b>High Schools</b>					
Baldwin	1,559	94.0%	19.8%	13.1%	3.7%
King Kekaulike	1,352	93.2%	28.0%	18.6%	1.3%
Lahainaluna	984	88.7%	19.2%	14.6%	8.8%
Maui	1,725	91.1%	26.1%	14.1%	8.3%
Moloka'i	394	94.7%	49.5%	18.0%	2.8%
<b>Multi-Level Schools</b>					
Hāna High & Elem	357	89.6%	59.9%	15.7%	0.0%
Lāna'i High & Elem	609	95.6%	24.0%	20.4%	12.5%

<sup>1</sup> School closed 2005 school year.

SOURCE: State of Hawai'i Department of Education, Accountability Resource Center (ARCH), *School Status and Improvement Report, School Year 2006-2007*.

## 2.5

## ETHNIC PROFILES, MAUI COUNTY PUBLIC SCHOOLS, SCHOOL YEAR 2005-06

School	Part								
	Chinese	Filipino	Hawaiian	Hawaiian	Japanese	Portuguese	Hispanic	White	Other
<b>Elementary Schools</b>									
Ha'ikū	0.9%	4.3%	2.3%	23.9%	3.4%	2.3%	3.4%	48.1%	11.5%
Kahului	0.0%	53.1%	2.0%	21.8%	4.7%	1.4%	3.1%	3.9%	10.1%
Kamali'i	1.1%	10.5%	2.2%	10.0%	4.1%	0.7%	3.9%	52.2%	15.1%
Kamehameha III	0.6%	12.7%	1.8%	11.9%	1.8%	0.6%	16.6%	25.0%	29.2%
Kaunakaka'i	0.4%	14.9%	3.1%	70.6%	1.3%	0.9%	0.4%	6.6%	1.7%
Ke'anae <sup>1</sup>									
Kihei	0.0%	33.8%	0.3%	21.1%	1.7%	0.5%	8.1%	16.7%	18.0%
Kilohana	0.0%	5.1%	3.1%	82.7%	2.0%	0.0%	0.0%	3.1%	4.1%
Kualapu'u	0.0%	5.4%	22.5%	68.3%	0.0%	0.3%	0.8%	1.6%	1.1%
Kula	2.5%	5.0%	6.8%	25.7%	5.4%	5.0%	2.5%	39.7%	7.5%
Lihikai	1.6%	36.8%	4.8%	20.2%	10.1%	2.1%	4.5%	5.5%	14.6%
Makawao	2.4%	15.3%	9.8%	30.5%	4.4%	5.2%	4.4%	17.3%	10.8%
Maunaloa	0.0%	11.1%	16.7%	66.7%	0.0%	0.0%	0.0%	3.7%	1.9%
Nahi'ena'ena	0.6%	43.1%	6.3%	16.0%	3.5%	0.6%	12.1%	5.6%	12.4%
Pā'ia	0.5%	8.8%	19.5%	44.4%	2.4%	4.9%	2.4%	3.4%	13.7%
Pukalani	1.5%	15.8%	9.3%	27.2%	10.7%	6.5%	2.5%	12.2%	14.3%
Waihe'e	2.8%	24.8%	13.4%	32.9%	7.3%	1.8%	1.6%	7.4%	7.9%
Wailuku	2.0%	14.9%	8.2%	27.2%	14.1%	2.1%	3.7%	9.9%	17.8%
<b>Intermediate/Middle Schools</b>									
'Īao	1.4%	21.9%	6.4%	26.9%	17.9%	2.5%	1.8%	8.1%	13.0%
Kalama	1.3%	9.9%	6.9%	28.2%	8.3%	7.1%	2.9%	25.2%	10.0%
Lahaina	0.2%	33.2%	2.2%	13.4%	2.7%	0.7%	11.0%	19.6%	16.9%
Lokelani	0.1%	28.3%	1.3%	12.3%	2.6%	0.3%	5.3%	31.1%	18.5%
Maui Waena	0.9%	47.6%	4.4%	20.2%	6.5%	1.9%	3.7%	3.0%	11.9%
Moloka'i	0.0%	11.1%	14.8%	58.6%	3.7%	1.2%	0.6%	6.2%	3.6%
<b>High Schools</b>									
Baldwin	1.0%	23.8%	6.1%	24.7%	14.5%	2.4%	2.5%	13.0%	12.2%
King Kekaulike	0.7%	10.5%	4.5%	22.7%	7.8%	6.8%	2.9%	32.7%	11.3%
Lahainaluna	0.6%	34.2%	2.7%	17.8%	2.2%	0.9%	6.6%	20.5%	14.5%
Maui	0.6%	46.1%	2.2%	14.6%	6.1%	1.9%	3.8%	11.4%	13.2%
Moloka'i	0.3%	11.3%	8.7%	68.0%	1.5%	0.3%	0.5%	6.1%	3.4%
<b>Multi-Level Schools</b>									
Hāna High & El	0.3%	1.4%	3.4%	79.7%	0.8%	0.8%	1.4%	8.7%	3.5%
Lāna'i High & El	1.0%	54.8%	4.1%	19.5%	3.6%	1.1%	1.5%	7.3%	7.3%

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

<sup>1</sup> School closed 2005 school year.

SOURCE: State of Hawai'i Department of Education, Accountability Resource Center (ARCH), *School Status and Improvement Report, School Year 2006-2007*.

## 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 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%
Hāna Complex	1,855	25.0%	406	47.3%	17.2%	\$37,898	7.6%	19.4%
Lāna'i Complex	3,194	22.8%	805	50.1%	16.9%	\$43,642	4.9%	8.9%
Moloka'i 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 Hawai'i Department of Education, Accountability Resource Center (ARCH), *School Status and Improvement Report, School Year 2006-2007*.

## 2.7

## COMMUNITY EDUCATION ATTAINMENT LEVEL MAUI COUNTY PUBLIC SCHOOLS

School Community	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%
Hāna Complex	14.4%	27.7%	42.7%	15.2%
Lāna'i Complex	16.5%	25.7%	27.2%	30.6%
Moloka'i Complex	13.8%	26.3%	38.0%	21.9%

Note: Based on Census 2000

SOURCE: State of Hawai'i Department of Education, Accountability Resource Center (ARCH), *School Status and Improvement Report, School Year 2006-2007*.

## 2.8

## SCHOOL COMPLETION, MAUI COUNTY PUBLIC SCHOOLS, SCHOOL YEAR 2006-07

School	Total Completers	Diploma Graduates	Certificate of Completion	Individual Program	School Dropouts <sup>1</sup>
<b>High Schools</b>					
Baldwin High School	98.3%	97.4%	0.0%	0.9%	13.1%
King Kekaulike	97.5%	95.6%	0.0%	1.9%	16.9%
Lahainaluna	95.9%	95.4%	0.0%	0.5%	17.6%
Maui	97.4%	96.2%	0.0%	1.2%	19.1%
Moloka'i	99.0%	98.1%	0.0%	1.0%	10.1%
<b>Multi-Level Schools</b>					
Hāna High & Elem	100.0%	92.6%	0.0%	7.4%	14.7%
Lāna'i High & Elem	1100.0%	100.0%	0.0%	0.0%	0.0%

<sup>1</sup> Methodology Change: In school years prior to the school year 2004-05 the number was based on individual dropout events. As of the school year 2004-05 the dropout figures are based on the cohort of first-time 9th graders who dropped out prior to graduating.

SOURCE: State of Hawai'i Department of Education, Accountability Resource Center (ARCH), *School Status and Improvement Report, School Year 2006-2007*.

## 2.9

**TEACHING STAFF PROFILES, MAUI COUNTY  
PUBLIC SCHOOLS, SCHOOL YEAR 2006-07**

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
<b>Elementary Schools</b>						
Ha'ikū	26.0	18.0	14.2	7.0	17.7	8.2
Kahului	52.0	27.0	15.8	16.0	18.6	8.1
Kamali'i	41.0	21.0	9.6	10.0	19.4	8.3
Kamehameha III	48.0	23.0	7.9	13.0	17.7	13.3
Kaunakaka'i	19.0	6.0	8.6	4.0	14.5	5.2
Ke'anae <sup>1</sup>	Closed					
Kihei	50.0	23.0	10.2	12.0	17.4	6.3
Kilohana	9.0	4.0	10.0	3.0	10.5	14.0
Kualapu'u	29.0	12.0	5.7	6.0	12.8	8.0
Kula	25.0	19.0	17.7	4.0	18.0	10.7
Lihikai	71.0	42.0	12.5	19.0	17.2	7.9
Makawao	33.0	20.0	11.6	7.0	16.8	7.5
Maunaloa	4.0	2.0	7.5	0.0	17.7	4.0
Nahi'ena'ena	43.0	21.0	8.9	11.0	16.7	6.0
Pā'ia	14.0	7.0	11.4	1.0	16.8	4.0
Pukalani	33.0	12.0	14.3	9.0	17.0	5.4
Waihe'e	53.0	30.0	11.8	11.0	17.9	7.1
Wailuku	61.0	36.0	13.7	19.0	17.5	7.1
<b>Intermediate/Middle Schools</b>						
Īao	49.0	27.0	12.3	15.0	18.6	9.8
Kalama	63.0	42.0	14.2	22.0	15.9	11.1
Lahaina	37.0	16.0	6.9	14.0	16.9	10.9
Lokelani	44.0	17.0	7.4	12.0	16.4	11.5
Maui Waena	61.0	31.0	11.0	15.0	17.2	11.1
Moloka'i	14.0	0.0	14.8	1.0	11.4	11.5
<b>High Schools</b>						
Baldwin	92.0	53.0	13.1	34.0	18.6	10.7
King Kekaulike	89.0	37.0	8.1	41.0	16.9	10.5
Lahainaluna	59.0	23.0	7.4	19.0	17.9	12.0
Maui	102.0	60.0	11.8	30.0	18.3	12.2
Moloka'i	31.0	20.0	10.1	9.0	12.7	14.2
<b>Multi-Level Schools</b>						
Hāna High & Elem	30.0	18.0	10.8	11.0	12.0	11.2
Lāna'i High & Elem	46.0	22.0	8.3	16.0	13.9	11.3

<sup>1</sup> School closed 2005 school year.

SOURCE: State of Hawai'i Department of Education, Accountability Resource Center (ARCH), *School Status and Improvement Report, School Year 2006-2007*.

2.10

**TERRA NOVA TEST SCORES,  
MAUI COUNTY SCHOOLS,  
SCHOOL YEAR 2007-08**

School	Grade	Reading			Math		
		% Below Average	% Average	% Above Average	% Below Average	% Average	% Above Average
<b>Elementary Schools</b>							
Ha'ikū	5	12	57	32	20	59	20
Kahului	5	16	65	20	16	45	39
Kamali'i	5	8	62	30	14	53	33
Kamehameha III	5	24	54	21	30	50	20
Kaunakaka'i	5	na	na	na	na	na	na
Ke'anae <sup>1</sup>	closed						
Kihei	5	21	57	22	19	51	30
Kilohana	5	na	na	na	na	na	na
Kualapu'u	5	35	63	2	37	48	15
Kula	5	14	46	41	24	38	38
Lihikai	5	31	53	16	27	53	19
Makawao	5	20	61	19	23	57	20
Maunaloa	5	na	na	na	na	na	na
Nahi'ena'ena	5	27	63	9	40	53	7
Pā'ia	5	na	na	na	na	na	na
Pomaika'i	5	10	54	37	15	56	29
Pukalani	5	17	56	27	19	45	35
Waihe'e	5	19	56	25	16	59	25
Wailuku	5	31	51	18	23	47	29
<b>Intermediate/Middle Schools</b>							
Ī'ao	8	23	57	20	30	52	18
Kalama	8	22	59	19	30	58	12
Lahaina	8	11	70	19	19	70	11
Lokelani	8	11	68	21	21	61	18
Maui Waena	8	32	60	8	35	57	7
Moloka'i	8	33	62	5	30	63	6
<b>High Schools</b>							
Baldwin	10	18	62	19	25	43	32
King Kekaulike	10	23	58	19	29	49	21
Lahainaluna	10	23	60	17	28	50	22
Maui	10	22	66	12	26	54	19
Moloka'i	10	na	na	na	na	na	na
	10	34	60	6	29	53	18
<b>Multi-Level Schools</b>							
Hāna High & Elem	10	na	na	na	na	na	na
Lāna'i High & Elem	10	16	76	9	24	60	16

Note: Percentages may not add up to 100% due to round off error.

na: Not available. Data for schools with less than 40 students in a grade have been suppressed for confidentiality purposes.

SOURCE: State of Hawai'i, Department of Education, Hawaii Content and Performance Standards, *TerraNova08-All Schools-Reading and TerraNova08-All Schools-Math*.

2.11

**PRIVATE SCHOOL CHARACTERISTICS,  
SCHOOL YEAR 2005-06**

School	Classroom Teachers	Student Teacher Ratio	Amer Ind/ Alaskan	Asian Pacific Islander	Black	Hispanic	White
Christ the King <sup>8</sup>	8.8	10.6	1	81	1	0	10
Clearview Christian Girls School <sup>3</sup>	3.3	5.5	0	5	0	0	13
Doris Todd Memorial Christian <sup>2</sup>	9.8	12.9	0	55	3	5	63
Emmanuel Lutheran <sup>6</sup>	10.1	17.4	0	74	1	2	99
Haleakalā Waldorf School <sup>7</sup>	18.0	11.7	0	37	9	6	158
Horizons Academy of Maui, Inc. <sup>7</sup>	3.0	7.7	2	7	1	3	10
Ka'ahumanu Hou Christian (Maui) <sup>1</sup>	n/a						
Kamehameha Schools (Maui) <sup>4</sup>	82.3	13.1	N/A	N/A	N/A	N/A	N/A
Maui Adventist <sup>9</sup>	2.0	19.0	18	0	0	2	18
Moloka'i Christian Academy <sup>3</sup>	n/a						
Moloka'i Mission <sup>9</sup>	1.0	6.0	0	6	0	0	0
Montessori Hale o' Keiki <sup>7</sup>	8.8	4.9	0	9	2	1	31
Montessori of Maui <sup>7</sup>	11.6	12.6	0	19	2	3	122
Sacred Hearts Elementary <sup>8</sup>	12.9	14.3	0	46	2	3	133
St. Anthony Grade School <sup>8</sup>	8.1	24.7	N/A	102	N/A	6	92
St. Anthony Junior & Senior High <sup>8</sup>	22.3	14.3	2	128	2	19	169
St. Joseph <sup>8</sup>	9.5	7.6	2	24	3	5	38
Seabury Hall <sup>5</sup>	46.3	8.8	N/A	N/A	N/A	N/A	N/A

NA: Not available

Note: Ethnicity is reported by number of students.

Affiliation

<sup>1</sup> Assembly of God

<sup>2</sup> Baptist

<sup>3</sup> Christian

<sup>4</sup> Church of Christ

<sup>5</sup> Episcopal

<sup>6</sup> Lutheran Church

<sup>7</sup> Nonsectarian

<sup>8</sup> Roman Catholic

<sup>9</sup> Seventh-Day Adventist

SOURCE: National Center for Educational Statistics (NCES).



## 2.12

**PRIVATE SCHOOL TUITION,  
MAUI COUNTY 2006-07**

<b>School</b>	<b>Tuition Fees</b>
Aka'ula School	6,000
Carden Academy of Maui	7,650 - 7,950
Christ the King School	3,800
Clearview Christian Girl's School	6,100
Doris Todd Memorial Christian Academy	4,650-4,775
Emmanuel Lutheran School	4,350 - 5,100
Haleakalā Waldorf School	9,200
Ho'omana Hou School	6,000
Horizons Academy of Maui Inc.	12,850
Isaiah Center for Excellence	4,850
Ka'ahumanu Hou Christian Schools	4,015 - 4,345
Kamehameha Schools	2,566 - 3,237
Maui Adventist School	2,990 - 4,090
Maui Preparatory Academy	10,500 - 11,800
Moloka'i Mission School	175 monthly
Montessori Hale O Keiki	7,800
Montessori School of Maui	9,065 - 10,525
Sacred Hearts School	4,500
Seabury Hall	14,955
St Anthony Jr./Sr. High School	8,430
St Joseph Grade School	4,125
St. Anthony Grade School	4,200 - 4,250

Note: Does not include schools that are PreSchool only.

SOURCE: Hawai'i Council of Private Schools, *Private School Tuition Report 2006-2007* and phone survey.

## 2.13

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

<b>School</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>Grades</b>
Aka'ula School	45	64	62	63	5-8
Carden Academy of Maui	104	114	135	114	K-8
Christ the King	170	196	147	145	PreK-8
Clearview Christian Girls School	24	17	18	24	6-9
Doris Todd Memorial Christian	140	140	153	147	PreK-8
Emmanuel Lutheran	157	174	180	213	K-8
Haleakalā Waldorf School	235	245	243	247	PreK-8
Ho'omana Hou School	16	20	37	19	9-10
Horizons Academy of Maui, Inc.	26	24	25	16	K-8
Isaiah Center for Excellence	30	30	23	40	4-12
Ka'ahumanu Hou Christian (Maui)	100	68	177	148	PreK-12
Kamehameha Schools (Maui)	966	1,108	1,084	1,068	K-12
Maui Preparatory Academy			184	189	PreK-9
Maui Adventist	27	40	41	36	K-10
Moloka'i Mission	3	4	8	8	K-8
Montessori Hale o' Keiki	64	78	80	93	PreK-6
Montessori of Maui	177	196	205	210	PreK-8
Sacred Hearts Elementary	200	232	232	202	K-8
St. Anthony Grade School	201	195	192	236	PreK-6
St. Anthony Junior & Senior High	315	319	340	320	7-12
St. Joseph	80	111	111	122	PreK-6
Seabury Hall	397	405	415	420	6-12
<b>Total Enrollment</b>	<b>3,649<sup>1</sup></b>	<b>3,780</b>	<b>4,092</b>	<b>4,080</b>	

n/a: Not Available.

<sup>1</sup> Includes non reporting or closed schools, Moloka'i Christian Academy (2) and West Maui Carden Academy (115).

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

SOURCE: Hawai'i Council of Private Schools, *Private School Enrollment Report* and phone survey.

## 2.14

### LIBRARY HOLDINGS AND CIRCULATION, HAWAI‘I STATE PUBLIC LIBRARY SYSTEM, MAUI LIBRARY DISTRICT

	2005	2006	2007
Library locations, June 30 <sup>1</sup>	8	8	8
Personnel, June 30 <sup>2</sup>	43	NA	NA
Circulation, year ended June 30	659,564	686,505	662,196
Collections, June 30			
Books, Video Tapes & Sound Recordings <sup>3</sup>	403,285	419,409	434,530
Periodical subscriptions	740	740	776

r: Revised from previous Data Book. NA Not Available

<sup>1</sup> Includes libraries on Lāna‘i (1 location), Maui (6 locations), and Moloka‘i (1 location).

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

<sup>3</sup> 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: Hawai‘i State Public Library System, Information Management Branch, records.

## 2.15

### LIBRARY HOLDINGS AND CIRCULATION, MAUI COMMUNITY COLLEGE

	Number of volumes, June 30 <sup>1</sup>	Circulation, year ended June 30 <sup>2</sup>
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
2002 <sup>3</sup>	51,130	7,401
2003	52,737	8,126
2004	55,220	9,680
2005	57,408	7,756
2006	59,489	6,800
2007	61,572	15,392

r: Revised from previous Data Book.

<sup>1</sup> Includes holdings on Moloka‘i and Lāna‘i, and in Hāna.

<sup>2</sup> Circulation also includes in-house and interlibrary loan counts.

<sup>3</sup> Maui circulation for 2002 includes in-house and interlibrary loan counts.

SOURCE: University of Hawai‘i at Manoa, University Libraries, records.

## 2.16

## DEGREES AND CERTIFICATES OFFERED AND EARNED AT MAUI COMMUNITY COLLEGE

2007

Program	Degrees and Certificates Offered			Total Earned	Associate Degrees	Certificates of Achievement
<b>Total</b>	21	18	16	336	229	104
<b>Field of Study</b>						
<b>General and Pre-Professional ED</b>					97	
<b>Liberal Arts</b>	AA					
<b>Career and Technical Education</b>				239	132	104
<b>Business Education</b>				65	41	21
Accounting	AAS	CA		19	11	8
Applied Business & Information <sup>1</sup>	BAS			3		
Business Careers	AAS	CA		13	11	2
Business Technology <sup>2</sup>	AAS	CA	CC	16	11	5
Business Tech				13	9	4
Office Administration				3	2	1
Medical Assistant			CC			
Hospitality and Tourism <sup>3</sup>	AAS	CA	CC	14	8	6
<b>Culinary Arts</b>	AAS	CA		44	24	20
Pastry Cook			CC			
<b>Health Services</b>				81	39	42
Associate Degree	AS			39	39	
Dental Hygiene	AS					
Practical Nursing		CA		42		42
Dental Assisting			CC			
<b>Public Service Programs</b>				22	13	9
Administration of Justice	ASS	CA		9	5	4
Early Childhood Education	AS	CA	CC	13	8	5
Substance Abuse Counseling	AS	CA	CC			
<b>Trades and Technology Programs</b>				27	15	12
Horticulture & Landscape Maint.	AAS	CA		3	3	
Turf grass Specialist			CC			
Floriculture Management		CA				
Nursery Management		CA				
Sustainable Tropical Crop Mgmt.	AAS	CA	CC			
Auto Body Repair & Painting	AAS	CA				
Auto Body Refinishing			CC			
Corrosion			CC			
Automotive Mechanics Technology	AAS	CA		9	5	4
Building Maintenance		CA				
Drafting Technology		CA				
Electronic & Computer Eng. Tech	AS (2)	CA	CC	11	4	7
Fashion Technology	AAS	CA		4	3	1
Dressmaker			CC			
Fashion-Fabric Salesperson			CC			
Seamstress			CC			
Sustainable Technology	AAS	CA	CC			
<b>Interdisciplinary Program<sup>4</sup></b>	<b>ATS</b>					

AA: Associate in Arts, ALAS: Associate in Applied Science, ABS: Bachelor in Applied Science, AS: Associate in Science, CA: Certificate of Achievement, CC: Certificate of Completion or Certificate of Competence (not counted in Publication, ARTS: Associate in Technical Studies.

<sup>1</sup> Bachelor in Applied Science program approved in June 2003. <sup>2</sup> Program formerly called "Office Administration Tech."

<sup>3</sup> Program formerly called "Hotel Operations." <sup>4</sup> Associate in Technical Studies (ART'S.) is a customized technical-occupational-professional associate degree.

SOURCE: University of Hawai'i, Institutional Research Office, *Degrees and Certificate Earned July 1, 2006 - June 30, 2007.*

2.17

**HAWAII HIGH SCHOOL GRADUATES ENTERING  
THE UNIVERSITY OF HAWAI'I SYSTEM  
BY HIGH SCHOOL, 2007**

School	Grads	UH System	Manoa	Hilo	Maui CC	Other Hawaii CCs
<b>Public Schools</b>						
<b>Maui County</b>	<b>1,372</b>	<b>378</b>	<b>61</b>	<b>12</b>	<b>260</b>	<b>45</b>
Baldwin	343	95	16	2	71	6
Hāna	27	9	0	3	1	5
Kihei Public Charter	18	1	0	0	1	0
King Kekaulike	311	91	17	1	69	4
Lahainaluna	189	47	9	2	29	7
Lāna'i	51	13	1	2	1	9
Maui	331	98	13	0	76	9
Moloka'i	102	24	5	2	12	5
<b>Private Schools</b>						
<b>Maui County</b>	<b>242</b>	<b>58</b>	<b>21</b>	<b>2</b>	<b>32</b>	<b>3</b>
Ho'omana Hou	6	0	0	0	0	0
Horizons Academy of Maui	1	0	0	0	0	0
Ka'ahumanu Hou	3	0	0	0	0	0
Kamehameha (Maui)	130	43	17	1	22	3
Saint Anthony	42	13	4	0	9	0
Seabury Hall	60	2	0	1	1	0

SOURCE: University of Hawai'i, Institutional Research Office, *High School Background of First-Time Students, University of Hawai'i, Fall 2007*.

2.18

**SCHOOL-BOUND STUDENTS BY  
TYPE OF SCHOOL AND LOCATION,  
MAUI COUNTY, 2007**

School	Graduates\ Respondents	In Hawaii			Not In Hawaii - 2005		
		4 Year	2 year	Bus/Trade	4 Year	2 year	Bus/Trade
Baldwin	337/337	66	104	12	76	27	2
Hāna	29/28	3	12	2	3	0	0
Kihei Public Charter	NA						
King Kekaulike	309/309	64	70	10	64	15	5
Lahainaluna	182/167	38	32	1	42	20	7
Lāna'i	51/51	11	20	1	3	5	2
Maui	312/312	72	84	5	58	13	11
Moloka'i	102/102	24	25	7	20	6	1

Note: Includes plans to attend school both part-time and full-time.

NA: Not Available

SOURCE: State of Hawai'i, Department of Education, System Evaluation and Reporting Section, *Senior Exit Plans Survey Summary Report, 2007*.

2.19

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

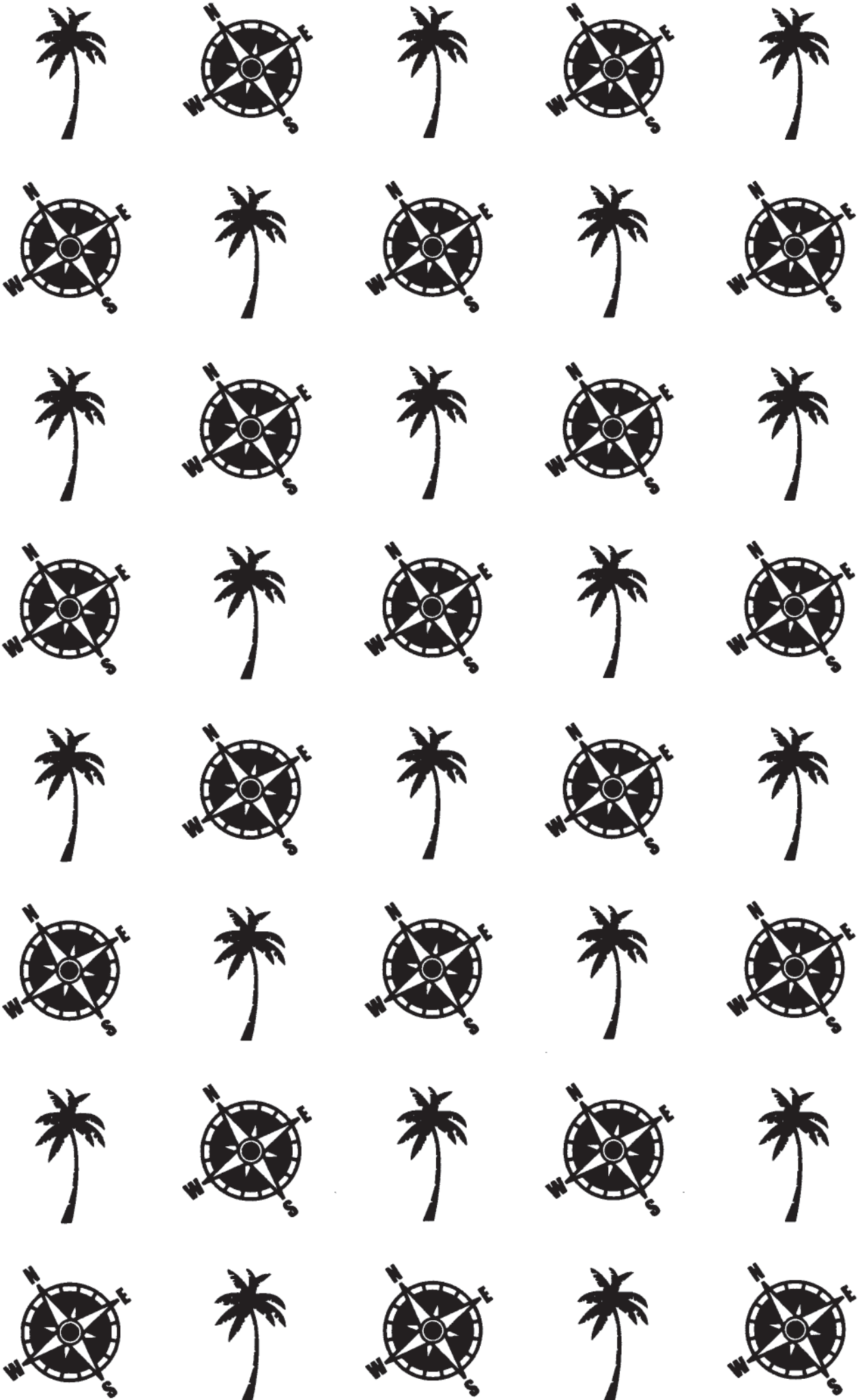
<b>Fall Semester</b>	<b>Total</b>	<b>Full-Time</b>	<b>Part-Time</b>
<b>Students Enrolled</b>			
1991	2,589	792	1,797
1992	2,688	851	1,837
1993	2,578	870	1,708
1994	2,809	912	1,897
1995	2,765	985	1,780
1996	2,854	1,046	1,808
1997	2,787	1,062	1,725
1998	2,849	1,074	1,775
1999	2,862	1,013	1,849
2000	2,678	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
2005	2,903	1,163	1,740
2006	2,481	1,118	1,723
2007	2,981	1,145	1,836
<b>Number of Faculty</b>			
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
2005p	179	99	80

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 Hawai'i campus who are taking at least one Maui Community College class).

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

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

# 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 Hawai'i: Maui, Moloka'i, Lāna'i and Kaho'olawe. 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 Haleakalā (Red Hill), Maui, at 10,023 feet; the largest stream is Kalialinui-Wai'ale Gulch, Maui, 18 miles; the most extensive lake or similar body, Keālia Pond (Marsh), Maui, 500 acres and the highest waterfall (in the county and in the state) is Kahiwa, Moloka'i, a 1,750-foot cascade.

The climate of Maui County is defined by average temperatures ranging from 83.8 degrees in the warmest month at Kahului Airport, Maui, to 67.4 degrees in the coolest month. Rainfall varies greatly. Annual averages for rainfall in the county range from 81 inches in Hāna, to 26 inches in Moloka'i, to 15 inches in Lahaina.

The State Land Use Commission has zoned 28,619 acres in Maui County as urban, 311,601 as conservation, 402,354 as agricultural and 8,326 as rural.

In the State of Hawai'i, 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 Kaho'olawe (28,800 acres) was transferred from the federal government to the State of Hawai'i 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 Hawai'i, 3rd edition, published by the University of Hawai'i Press in 1998; Government in Hawai'i, published annually by the Tax Foundation of Hawai'i; and The State of Hawai'i 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 <sup>1</sup>	
	Total	Land <sup>2</sup>	Inland Water <sup>3</sup>	Total	Land
<b>State Total</b>	6,470.8	6,425.2	45.6	4,141,312	4,112,128
<b>Counties<sup>4</sup></b>					
Hawai'i	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 <sup>5</sup>	620.5	596.3	24.2	397,120	381,632
Kaua'i <sup>5</sup>	629.8	619.8	10.0	403,072	396,672
<b>Islands<sup>4</sup></b>					
Hawai'i	4,035.2	4,034.2	1.0	2,582,528	2,581,888
Maui <sup>6</sup>	734.5	728.6	5.9	470,080	466,304
Kaho'olawe	45.9	45.0	0.9	29,376	28,800
Lāna'i	141.2	140.4	0.8	90,368	89,856
Moloka'i	263.7	260.9	2.8	168,768	166,976
O'ahu	617.6	593.6	24.0	395,264	379,904
Kaua'i	558.2	549.4	8.8	357,248	351,616
Ni'ihau <sup>7</sup>	71.1	70.0	1.1	45,504	44,800
Ka'ula	0.4	0.4	—	256	256

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> Because of rounding, island figures may not add to county figures.

<sup>5</sup> Reflect inclusion of Ka'ula in the County of Kaua'i rather than in the City and County of Honolulu (Act 245, S.L.H. 1988, approved June 9, 1988).

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

<sup>7</sup> Includes Lehua, previously reported as 243 acres (0.38 square miles).

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

### 3.1.2

## GENERAL COASTLINE AND TIDAL SHORELINE OF HAWAI'I, BY COUNTY AND ISLAND

	General Coastline <sup>1</sup>		Tidal Shoreline <sup>2</sup>	
	Statute Miles	Kilometers <sup>3</sup>	Statute Mile	Kilometers
<b>State Total</b>	750	1,207	1,052	1,693
<b>Counties</b>				
Hawai'i	266	428	313	504
Maui and Kalawao	210	338	343	552
Honolulu	137	220	234	377
Kaua'i	137	220	162	261
<b>Islands<sup>4</sup></b>				
Hawai'i	266	428	313	504
Maui	120	193	149	240
Kaho'olawe	29	47	36	58
Lāna'i	47	76	52	84
Moloka'i	88	142	106	171
O'ahu	112	180	209	336
Kaua'i	90	145	110	177
Ni'ihau	45	72	50	80
Ka'ula	2	3	2	3
<b>Northwestern Hawaiian Islands<sup>5</sup></b>	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

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

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> Data are not available for 4 minor islands: Molokini, Lehua, Gardner Pinnacles, Maro Reef, and Pearl and Hermes Atoll.

<sup>5</sup> Excludes the Midway Islands, which are part of the Hawaiian archipelago but not legally part of the State of Hawai'i. (Midway has a general coastline of 20 miles and a tidal shoreline of 33 miles.)

SOURCE: Hawai'i State Department of Planning and Economic Development, Hawai'i, the Natural Environment (1974), p. 13; Hawai'i State Department of Business and Economic Development, The State of Hawai'i Data Book, 1989 (November 1989), table 131.

### 3.1.3

## MAJOR NAMED WATERFALLS, MAUI COUNTY

Waterfall <sup>1</sup>	Cascade Height (feet)	Horizontal Distance (feet)	Average Discharge (million gal/day)
<b>Maui</b>			
Honokōhau	1,120	500	26.6
Waihi'umalu	400	150	
Waimoku	40	50	37.1
<b>Moloka'i</b>			
Kahiwa	1,750	1,000	
Pāpalaua	1,200	500	
Wailele	500	150	
Hāloku	500	200	
Hīpuapua	500	300	
'Olo'upena	300	150	
Moa'ula	250	200	19.7

<sup>1</sup> 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; Hawai'i State Department of Land and Natural Resources, Division of Water and Land Development, records, and Hawai'i 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
<b>Hawai'i</b>		
Mauna Ke'a <sup>1</sup>	13,796	4,205
Mauna Loa <sup>2</sup>	13,679	4,169
Hualālai	8,271	2,521
Kaunu o Kaleihoochie	5,480	1,670
Kīlauea (Uwēkahuna)	4,093	1,248
Kīlauea (Halema'uma'u Rim)	3,660	1,116
<b>Kaho'olawe</b>		
Pu'u 'O Moa'ula Nui	1,483	452
Pu'u Moa'ula Iki	1,434	437
<b>Molokini</b>		
	160	49
<b>Maui</b>		
Haleakalā (Red Hill)	10,023	3,055
Haleakalā (Kaupō Gap)	8,201	2,500
Pu'u Kukui	5,788	1,764
'Īao Needle	2,250	686
<b>Lāna'i</b>		
Lāna'ihale	3,366	1,026
<b>Moloka'i</b>		
Kamakou	4,961	1,512
Oloku'i	4,606	1,404
Kaunuohua	4,535	1,382
Kalaupapa Lookout	1,600	488
Mauna Loa (Kukui)	1,430	436
<b>O'ahu</b>		
Ka'ala	4,003	1,220
Pu'u Kalena	3,504	1,068
Kōnahuanui	3,150	960
Tantalus	2,013	614
Olomana	1,643	501
Koko Crater (Kohelepelepe)	1,208	368
Nu'uaniu 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
<b>Kaua'i</b>		
Kawaikini	5,243	1,598
Wai'ale'ale	5,148	1,569
NāmoloKama Mountain	4,421	1,348
Kalalau Lookout	4,120	1,256
Hā'upu	2,297	700
Sleeping Giant (Nounou)	1,241	378
<b>Ni'ihau</b>		
Paniau	1,250	381
<b>Lehua</b>		
		699 213
<b>Ka'ula</b>		
		548 167
<b>Nihoa</b>		
Millers Peak	903	275
<b>Necker Island</b>		
Summit Hill	276	84
<b>French Frigate Shoal</b>		
La Perouse Pinnacles	120	37
<b>Gardner Pinnacles</b>		
	190	58
<b>Maro Reef</b>		
	Awash	Awash
<b>Laysan Island</b>		
	40	12
<b>Lisianski Island</b>		
	40	12
<b>Pearl and Hermes Atoll</b>		
	10	3
<b>Midway Islands</b>		
	12	4
<b>Kure Atoll</b>		
	20	6

<sup>1</sup> 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 Ke'a ... with a combined height of 33,476 ft., of which 13,796 ft. are above sea level."

<sup>2</sup> 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: Hawai'i 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	Hawai'i	Maui	Kaho'olawe	Lāna'i	Moloka'i	O'ahu	Kaua'i	Ni'ihau
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 <sup>1</sup>	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

<sup>1</sup> According to Lee S. Motteier, Geography and Map Division, Bernice P. Bishop Museum, the sea cliffs along the northeastern coast of Moloka'i between Umilehi Point and Pu'uka'ōkū 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: Hawai'i 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	Elevation ft.	1st Year of Record	Daily Average		Warmest Month		Coolest Month		Record High °F	Record High Date	Record Low °F	Record Low Date
			High	Low	High	Low	High	Low				
<b>TEMPERATURES</b>												
<b>Maui</b>												
Haleakalā												
Ranger Station	6,960	1949	62.7	44.7	66.1	47.7	Aug	59.1	41.5	Feb	80	07/25/1953
Hāna Airport	61	1950	80.8	67.4	83.5	70.3	Aug	78.2	63.9	Feb	94	11/03/1979
Kahului Airport	48	1954	83.8	67.4	87.3	71.3	Aug	80.1	63.4	Feb	97	08/31/1994
Kailua												
(NE Maui, inland)	700	1949	76.2	63.5	79.0	65.8	Sep	73.9	60.5	Feb	88	09/18/1968
Lahaina	45	1949	84.9	66.4	88.1	69.7	Aug	81.4	63.0	Feb	97	08/18/1985
<b>Moloka'i</b>												
Moloka'i Airport	450	1953	81.4	67.6	85.2	71.4	Aug	77.3	63.2	Feb	96	04/14/1974
<b>Lāna'i</b>												
Lāna'i Airport	1,300	1949	79.3	62.7	82.7	65.8	Aug	75.8	59.2	Jan	93	07/02/2004
Lāna'i City	1,620	1949	75.4	62.4	78.1	65.8	Aug	72.5	59.5	Jan	92	10/20/2006
<b>PRECIPITATION</b>												
STATION	Annual Average in.	Days Precip. >=0.01 in.	Wettest Year		Driest Year		Wettest Month		Driest Month		1 Day Record	
			in.	Year	in.	Year	in.	Month	in.	Month	in.	Date
<b>Maui</b>												
Haleakalā Ranger Station	52.49	143	121.16	1980	17.71	1962	8.30	Jan	1.22	Jun	18.50	01/09/1980
Hāna Airport	80.76	268	126.23	1965	49.64	1953	9.52	Mar	4.08	Jun	17.57	04/16/1968
Kahului Airport	18.82	96	40.63	1989	6.76	1998	3.59	Jan	0.22	Jun	5.82	12/21/1955
Kailua (NE Maui, inland)	118.88	268	161.82	1969	79.20	1953	12.56	Mar	6.66	Jun	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
<b>Moloka'i</b>												
Moloka'i Airport	25.97	105	43.70	1963	11.06	2001	4.53	Jan	0.54	Jun	9.03	02/12/1989
<b>Lāna'i</b>												
Lāna'i Airport	19.16	59	47.66	1951	5.28	1999	3.16	Dec	0.51	Aug	10.45	11/10/1955
Lāna'i City	34.81	112	66.87	1968	15.64	1999	5.30	Jan	1.26	Jun	11.25	11/10/1955

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

3.1.7

MONTHLY RAINFALL AND TEMPERATURE AT SPECIFIED LOCATIONS  
IN MAUI COUNTY

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Departure from	
													Annual	Normal
<i>Rainfall</i>														
<b>Maui</b>														
Haleakala Ranger Station	0.66a	4.92a	2.79a	2.25a	0.54a	0.36a	1.24a	1.92a	1.22a	1.17a	3.66a	22.95a	43.68a	m
Kahului Airport (WSO)	0.48	0.93	2.13	0.25	0.05	0.00 <sup>t</sup>	0.11	0.13	0.03	0.48	1.59	6.88	13.06	-5.74
Kapalua-West Maui Airport	1.23	2.31	5.55	1.76a	0.64	1.05	1.53a	1.62	2.33	2.42a	5.64	11.97a	38.05	m
Ke'anee	3.00a	18.70	7.00	11.00a	7.30	11.90	14.60a	15.60	19.70	15.50a	10.80	24.00	159.10	m
Kihei	0.62	0.81	2.06	0.02	0.00	0.00	0.00	1.02	0.00	0.01	1.02	9.05	14.61	1.98
Kuiaha	4.03	8.65	6.38	5.53	1.66	1.97	5.01	3.58	5.17	6.71	6.03	12.42	67.14	na
Kula Hospital	1.66	2.72	3.63	0.57	1.29	0.16	1.50	3.99	2.41	0.60	2.66	15.78	36.97	8.30
Mākena Golf Course	0.17	1.54	2.32	0.57	1.04	0.55	0.18	1.06	1.62	0.32	1.25	9.70	20.32	6.72
'Ohe'o	4.46	6.48	10.91	4.74	3.76	3.34	7.63	6.47	7.91	9.10	4.15	20.70	89.65	6.31
Pu'u Kukui	19.02a	17.39A	14.30a	13.13a	5.76a	8.02a	17.85a	14.56a	30.83a	20.85a	12.72a	60.22a	234.65	m
Pu'u Pāki	0.00a	0.00a	88.00a	0.00a	0.00a	64.90a	0.00a	0.00a	55.00a	0.00a	0.00a	79.20a	287.10	na
Waikamoi	2.30a	15.10	7.00	11.50a	5.90	7.00	12.60a	8.80	18.10	12.50a	7.10	24.00	131.90	m
Waihe'e Valley	0.73	2.83	2.52	2.50	1.01	0.74	1.39	1.20	1.19	2.31	4.80	11.68	32.90	-11.93
<b>Moloka'i</b>														
Kalaupapa	1.23	2.31	5.55	1.76a	0.64	1.05	1.53a	1.62	2.33	2.42a	5.64	11.97a	38.05	m
Moloka'i Airport	m	m	m	m	m	m	m	m	m	m	5.31	4.76x	mx	m
Kaunakakai	1.28	0.30	4.90	0.00	0.00	0.03	0.19	0.41	0.05	0.01	6.03	9.51	22.71	9.81
<b>Lāna'i</b>														
Lāna'i Airport	m	0.70	m	m	0.15	0.31	m	m	m	0.00	m	m	m	m
Lāna'i City	1.31	0.67	6.01a	0.28	1.98	1.57	0.35a	1.25	0.00	0.50a	8.44a	19.22	41.58	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.  
<sup>1</sup> Precipitation for month.



### 3.1.7

CONTINUED

Station	2007												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<i>TEMPERATURE<sup>2</sup></i>													
<b>Maui</b>													
Haleakalā Ranger Station	54.0x	50.9x	52.2x	50.2x	56.1x	56.2x	59.3x	56.9x	54.9x	54.8	53.9x	50.9x	54.2x
Kahului Airport	73.3	72.0	73.7	74.2	76.5	78.1	79.9	79.5	79.4	77.6	74.9	73.4	76.0
Kailua	m	60.1	61.3x	61.0x	62.5x	63.2	64.5x	63.9x	63.7x	63.1x	61.7x	m	m
Kapalua-West Maui Airport	73.1	72.1	74.0x	74.2	76.6x	78.0	78.5	79.0x	79.0	77.5x	75.1	72.5x	75.8x
Kula Branch Stn.	61.2	60.1	62.0	61.8	63.6	65.3	66.7	66.6	66.4	66.0	64.3	62.5x	63.9x
Kula Hospital	60.2	59.5	61.9x	61.1	62.6	63.9	64.8	65.4	65.4	64.6	63.3	62.0x	62.9x
Mākena Golf Course	72.4x	71.0	73.4	73.3x	75.4	76.5x	77.3x	77.8	77.2	76.7	75.0	73.7x	75.0x
'Ohe'o	73.1x	72.0x	74.x	72.7	74.9	75.7x	75.9	76.8x	76.8x	76.5x	75.9x	m	m
<b>Moloka'i</b>													
Kalaupapa	na												
Moloka'i Airport	m	m	m	m	m	m	M	m	m	m	73.3x	73.1x	mx
<b>Lanai</b>													
Lānai Airport	m	m	m	m	May	72.9x	m	m	m	m	m	m	m
Lānai City	na												

<sup>2</sup> Average temperature for month.

a: Accumulated amount. May include data from a previous month. NA: Not Available.

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, 2007.

### 3.1.8

## ANNUAL RAINFALL AND TEMPERATURE AT SPECIFIED LOCATIONS, MAUI COUNTY

Station	2001	2002	2003	2004	2005	2006	2007
<b>ANNUAL RAINFALL</b>							
<b>Maui</b>							
Haleakalā Ranger Station	40.62	42.56	32.60	70.00	45.57	43.97	43.68a
Hāna Airport	48.37	66.47	66.93	101.36	m	na	na
Kahului Airport (WSO)	10.53	15.07	13.83	26.17x	m	18.65	13.06
Kapalua-West Maui Airport	20.61	27.98	27.07	48.43	m	35.38	38.05
Kailua					128.73	118.11	100.44
Ke‘anae	82.10	96.23	151.90	166.00	174.30	173.80	159.10
Kihei	6.20	13.33	11.58	26.38	10.88	16.49	14.61
Kuiaha	66.70	67.44	72.31	m	103.14	72.66	67.14
Kula Branch Stn.	15.83	30.31	25.67	31.57	25.19	30.87	22.61
Mākena Golf Course	7.01	18.24	m	29.97	15.42	19.86	20.32
Pu‘u Kukui	307.26	242.54	m	378.54	320.19	140.29	234.65
Pu‘u Pākī							287.10
Waikamoi	145.80	131.48	111.70	133.90	158.00	157.51	131.90
Waihe‘e Valley	33.36	39.83	44.03	69.70	39.92	54.39	32.90
<b>Moloka‘i</b>							
Kalaupapa	m	39.78	40.03	57.06x	49.84	43.35	38.05
Moloka‘i Airport	11.06	22.95	24.38	m	na	na	na
Kaunakakai	5.81x	15.89	10.38	45.22	20.55	m	22.71
<b>Lāna‘i</b>							
Lāna‘i Airport	17.58	26.49	m	26.1	na	m	m
Lāna‘i City	m	42.58	m	78.4	m	m	41.58
<b>AVERAGE ANNUAL TEMPERATURE</b>							
<b>Maui</b>							
Haleakalā Ranger Station	54.9	55.6m	46.2x	54.4x	54.6x	55.3	54.2
Hāna Airport	m	74.2m	m	mx	m	na	na
Kahului Airport (WSO)	75.7	75.4	76.4	76.4	75.9	76.3x	76.0
Kapalua-West Maui Airport	75.3m	75.4	76.0x	76.6	mx	76.3x	75.8x
Kula Branch Stn.	64.2m	64.0	64.5	64.9x	64.3	63.8	63.9x
Kula Hospital	63.8m	63.4m	63.9	63.9x	63.6x	63.3x	62.9x
Mākena Golf Course	75.7m	75.2m	mx	76.0x	75.7x	75.1	75.0x
<b>Moloka‘i</b>							
Moloka‘i Airport	m	74.9m	68.6x	m	na	na	mx
<b>Lāna‘i</b>							
Lāna‘i Airport	72.0m	71.7m	m	72.4x	mx	mx	na
Lāna‘i City	m	m	m	m	39.94	m	na

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.

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

	2003	2004	2005	2006	2007	2008
<b>Improved Residential</b>						
Land	2,229,559	2,760,153	3,802,950	5,316,036	5,919,247	5,955,449
Improvements	1,221,288	1,184,331	1,398,612	1,586,147	1,713,457	1,922,779
<b>Unimproved Residential</b>						
Land	295,995	339,207	487,817	599,634	613,817	544,053
Improvements	10,245	2,710	1,501	928	852	1,230
<b>Homeowner</b>						
Land	3,448,058	4,587,953	6,163,343	8,950,125	11,157,056	11,404,677
Improvements	3,024,256	3,353,718	3,808,206	4,976,216	5,950,207	6,477,654
<b>Hotel/Resort</b>						
Land	1,178,686	1,391,638	1,490,422	2,031,211	2,390,669	2,910,119
Improvements	3,739,235	4,522,441	4,835,251	6,632,453	7,548,100	6,924,373
<b>Apartment</b>						
Land	630,001	677,004	922,833	1,549,767	1,537,338	1,811,272
Improvements	1,895,848	1,847,497	2,441,722	3,237,154	3,938,058	3,988,516
<b>Time Share<sup>1</sup></b>						
Land			107,923	158,543	259,211	279,163
Improvements			470,813	749,315	842,443	831,318
<b>Commercial</b>						
Land	675,803	756,533	951,946	1,300,095	1,434,558	1,486,037
Improvements	509,617	553,713	603,709	664,386	730,997	816,929
<b>Industrial</b>						
Land	539,019	556,447	688,330	766,176	899,609	1,004,674
Improvements	468,954	483,615	501,882	526,099	596,303	662,675
<b>Agricultural</b>						
Land	1,152,951	1,474,200	2,171,437	2,922,435	3,229,315	3,260,938
Improvements	500,406	548,376	656,311	763,967	809,528	939,079
<b>Conservation</b>						
Land	328,518	306,918	305,110	307,250	314,447	401,437
Improvements	33,323	36,788	38,659	39,007	43,676	47,813
<b>TOTAL<sup>2</sup></b>	<b>21,881,760</b>	<b>25,383,244</b>	<b>31,848,774</b>	<b>43,076,944</b>	<b>49,928,888</b>	<b>51,670,185</b>

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

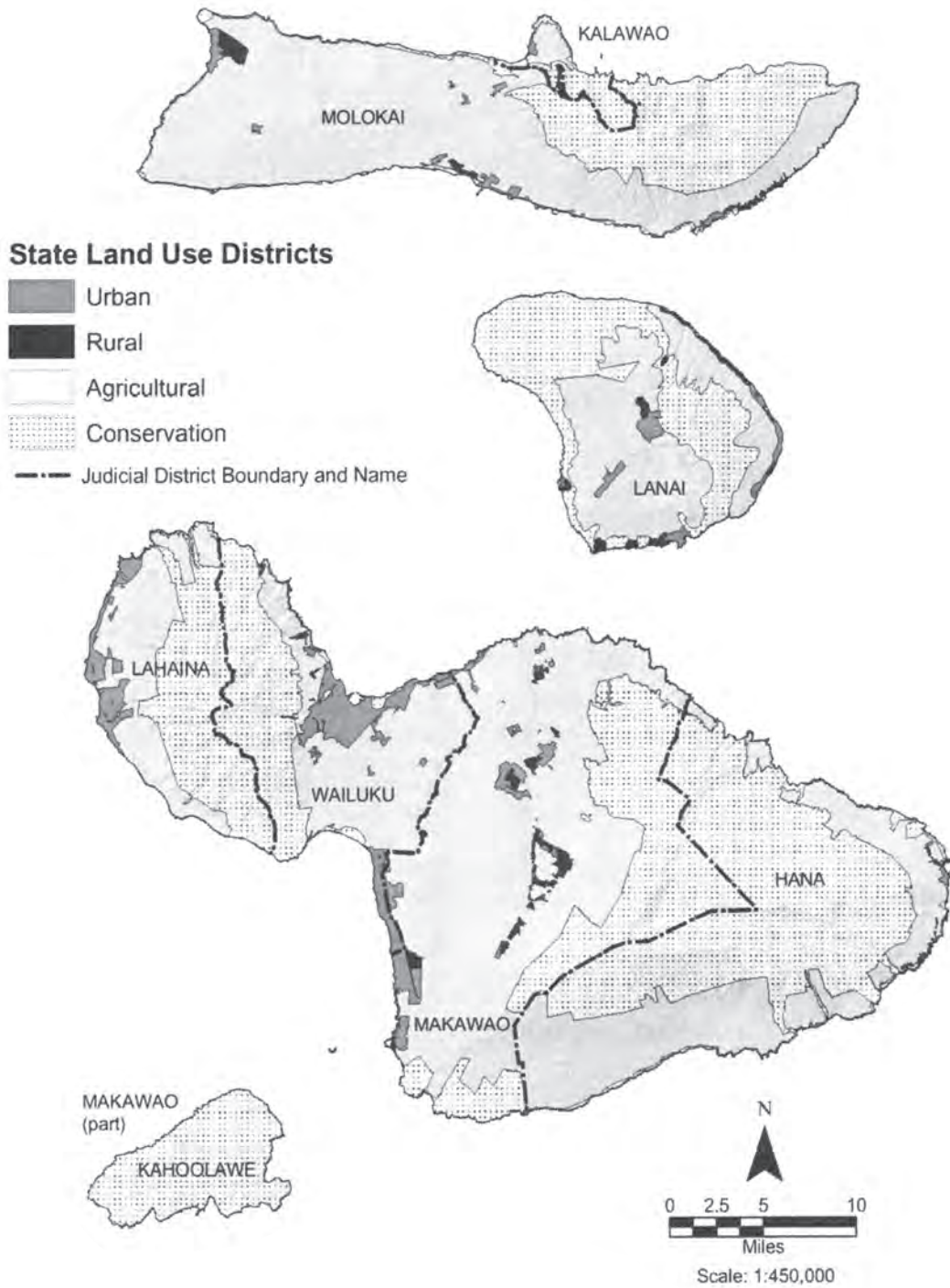
<sup>1</sup> New category as of 2005.

<sup>2</sup> Total maybe different than sum due to rounding.

SOURCE: City and County of Honolulu, Department of Budget and Fiscal Services, Real Property Assessment Division, Administration/Technical Branch.

3.2.2

LAND USE DISTRICTS, MAUI COUNTY



SOURCE: State of Hawai'i, Office of Planning, Hawai'i Statewide GIS Program.

### 3.2.3

## ESTIMATED ACREAGE OF LAND USE DISTRICTS, BY ISLAND

*Total acreage, including inland water, as classified by the Hawai'i State Land Use Commission under the provisions of Chapter 205, Hawai'i Revised Statutes, as amended; all data are approximate*

Island	Total Area <sup>2</sup>	Classification by State Land Use Commission <sup>1</sup>			
		Urban	Conservation	Agricultural	Rural
As of December 31, 2006					
Maui	465,800	22,823	194,836	244,088	4,053
Lāna'i	90,500	3,257	38,197	46,639	2,407
Moloka'i	165,800	2,539	49,768	111,627	1,866
Kaho'olawe	28,800	—	28,800	—	—
Hawai'i	2,573,400	53,722	1,304,347	1,214,040	1,291
O'ahu	386,188	100,730	156,619	128,839	—
Kaua'i	353,900	14,558	198,769	139,320	1,253
Ni'ihau	45,700	—	—	45,700	—
Ka'ula and Lehua	400	—	400	—	—
Other Islands <sup>3</sup>	1,900	—	1,900	—	—
<b>State Total</b>	<b>4,112,388</b>	<b>197,663</b>	<b>1,973,631</b>	<b>1,930,224</b>	<b>10,870</b>

<sup>1</sup> For definitions, see Hawaii Revised Statutes, Section 205-2.

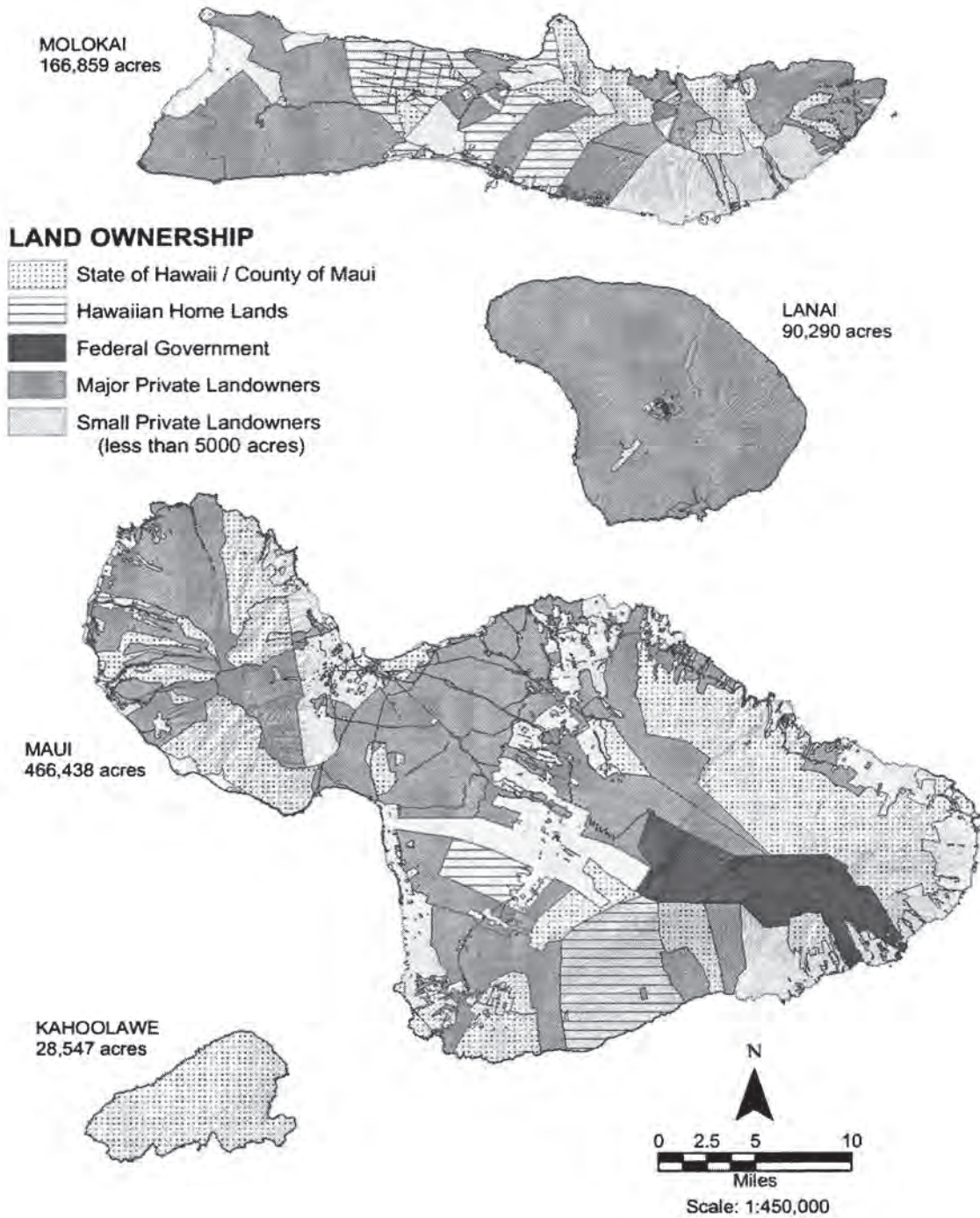
<sup>2</sup> These totals differ somewhat from the official figures based on measurements by the Geography Division of the U.S. Bureau of the Census.

<sup>3</sup> The Northwestern Hawaiian Islands, from Nihoa to Kure Atoll, excluding Midway

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

3.2.4

# LAND OWNERSHIP, MAUI COUNTY



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

### 3.2.5

## NATIONAL AND STATE HISTORIC PLACES, MAUI COUNTY

<b>Island of Maui</b>	<b>Island of Maui (Continued)</b>	<b>Island of Molokaʻi</b>
ʻAlaie Petroglyphs	Kamaʻole House Site	ʻAhina Heiau
Alena Habitation Site	Kauhiale Complex	FISHPONDS (mostly submerged)
Bank of Hawaii - Haʻikū Branch	Kaʻumiʻumiua Heiau	Fishponds (numerous)
Cave of Seven Coffins	Keoneʻōʻio Archaeological Dist.	Mikiawa Fishpond
CHINESE SOCIETY HALLS:	Kilolani Congregational Church	Weheleauʻulu Fishpond
Wo Hing Society Hall	Kīpahulu Historic District	Halemahana Fishpond
Ket Hing	Kīpapa Archaeological District	ʻUalapuʻe Fishpond
Crater Historic Dist. - Haleakalā	Kula Sanitorium	Kaluaʻaha Fishpond
Frank Baldwin/H.F. Rice Res	Lahaina Historic District (60 Sites)	Mahilika Fishpond
Gomes Residence	Loʻaloʻa Heiau	Panahana Fishpond
Haʻikū Mill	Lualaʻlua Cave	Ipukaiole Fishpond
Hale Hoʻikeʻike	Lualaʻilua Heiau	Kainalu Fishpond
Hale Paʻl	Lualaʻilua Terrace Complex	Kahinapōhaku Fishpond
Halekiʻi-Pihana Heiau	Lufkin Residence	Honouliwai Fishtrap
Hale-o-Lono Heiau	Makawao Union Church	Hōkūkano-ʻUalapuʻe Complex
Hāmoa Complex	Maui Jinsha Mission	Keawanui Fishpond
Hāna Belt Road	Molohai heiau	Kukui Heiau
Hāna Police Station & Courthouse	Naniloa Drive Overpass Bridge	Puʻuʻōlelo Heiau
Hāna Store	Papakea heiau	Kaluakapiʻioho Heiau
Hanamauʻuloa Complex	Papakea Petroglyphs	Kahokukano Heiau
Hardy House	Piʻilanihale Heiau	Pākuʻi Heiau
Holy Ghost Catholic Church	SCHOOLS	Kalauonākukui Heiau
Hongwanji Temple	Wailuku School	ʻUalapuʻe Fishpond
Honokalani Village	Puʻunēnē School	ʻIliʻiliʻōpae Heiau
Honokowai Petroglyphs	Henry Perrine Baldwin HS	Kaluaʻaha Church
ʻĪao Theater	Pāʻia School	Kilohana School
Kaʻahumanu Church	Keʻanae School	St. Joseph Catholic Church
Kahikinui House	Kaupō School	
Kaiapuni Hoʻa	Wahene Platform	<b>Island of Lānaʻi</b>
Kaimupeʻelua Heiau	Waʻiale Bridge	Keāliakapu Complex
Kalepolepo Fishpond	Waiheʻe Church	Puʻu Pehe Platform
Kaluakakalioa Cave	Waikapū Stone Church	
Kaluanui Heiau Complex	Wailuku Civic Center	<b>Island of Kahoʻolawe</b>
	Wānanalua Cong. Church	Kahoʻolawe Archaeological Dist.

SOURCE: Hawaiʻi 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 <sup>1</sup>	23.8	NA	23.2	20.0
Kamehameha Schools <sup>2</sup>	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 <sup>3</sup>	121,360	121,360	121,357	5,3363
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.

<sup>1</sup> Based on area of 4,110,966 acres.

<sup>2</sup> As of July 1. Formerly known as the Bernice P. Bishop Estate.

<sup>3</sup> 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 ISLAND

*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, 2007	Maui	Moloka'i	Lāna'i	Hawai'i	Kaua'i	O'ahu	State Total
<b>Acreage<sup>1</sup></b>	31,796	25,769	50	117,477	20,565	7,495	203,151
<b>Homestead leases<sup>2</sup></b>	1,280	842	23	2,490	731	3,744	9,110
Residential	1,139	392	23	1,687	682	3,684	7,607
Agricultural	65	423	-	505	47	60	1,100
Pastoral	76	27	-	298	2	-	403
<b>Applicant waiting list<sup>2</sup></b>	7,835	1,812	61	13,623	3,726	11,424	38,481
Residential	3,311	703	61	5,401	1,441	8,503	19,420
Agricultural	4,018	933	-	6,453	2,011	2,921	16,336
Pastoral	506	176	-	1,769	274	-	2,725

<sup>1</sup> 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. O'ahu total includes 14.4 acres of Kalāwahine land provided under Act 150, SLH 1990, 1,356 acres at Lualualei under Executive Orders to the the U.S. Navy, 53.615 acres at Princess Kahanu Estates, and 20.114 acres at Wai'anae Kai. Act 95, SLH 1996, also transferred 51.324 acres at Kealakehe (La'i'opua) and 37.839 acres at Kapolei, O'ahu, as part of the land claims settlement. DHHL also purchased 57.160 acres at Waiehu Kou, Maui, and 60.433 acres at Kealakehe, Hawai'i.

<sup>2</sup> 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.

SOURCE: Hawai'i State Department of Hawaiian Home Lands, Annual Reports and records.



## 3.2.8

## DISPOSITION OF STATE LANDS, MAUI COUNTY 2007

Document Number	Permittee or Grantee Name	Location	Acres	Use	Payment
<b>Revocable Permits</b>					
none					
<b>General Leases &amp; Term Easements</b>					
GL5835	Warner C. Lusardi, Trustee	Lahaina	0.005	Seawall/Boat Ramp	17,540*
GL5866	Cang Bai Limited	Makawao	1.255	Access & Utility	3,729*
GL5922	Lokahi Pacific	Wailuku	0.217	Housing	\$480
<b>Executive Orders - Set Asides</b>					
4195	State of Hawaii DLNR	Lanai	2.190	Harbor use	
4197	State of Hawaii DLNR	Waihee	0.002	Monitor Well	
4212	State of Hawaii DOT	Makawao	0.659	Highway	
<b>Perpetual Easements</b>					
LOD28856	Betty Doris	Makawao	0.172	Access & Utility	\$0
LOD28860	Lani Stark /1	Makawao	0.135	Access & Utility	\$0
LOD28889	State of Hawaii DLNR	Wailuku	0.000	Water	\$0
LOD28893	Gotthard & Gerda Diethelm	Hana	0.049	Access & Utility	\$12,750

\* One-time Payment

1. Gratis. Beneficiary parcels are awards of kuleana status.

SOURCE: State of Hawai'i, 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	
	2007 Sales	% Chg Last Yr	2007 Average	% Chg Last Yr	2007 Median	% Chg Last Yr	2007 Volume	% Chg Last Yr
<b>SINGLE FAMILY HOMES</b>								
Central	512	38%	\$538,048	-9%	\$558,941	-6%	\$275,480,632	25%
Ha'ikū	59	-14%	\$1,148,784	6%	\$942,000	5%	\$67,778,250	-9%
Hāna	8	33%	\$805,438	-23%	\$712,500	-39%	\$6,443,500	3%
Kā'anapali	118	13%	\$2,450,514	6%	\$2,300,875	4%	\$44,109,250	20%
Kahakuloa	2	N/A	\$1,287,900	N/A	\$1,287,900	N/A	\$2,575,800	N/A
Kapalua	12	200%	\$5,441,996	46%	\$4,150,000	12%	\$65,303,950	338%
Ke'anae	1	0%	\$865,000	270%	\$865,000	270%	\$865,000	270%
Kihei	182	-13%	\$807,552	-10%	\$729,850	-4%	\$146,974,552	-22%
Kula/Ulupalakua/Kanaio	70	-15%	\$1,019,081	-3%	\$764,000	-7%	\$71,335,700	-17%
Lahaina	40	-31%	\$1,658,941	27%	\$1,125,000	17%	\$66,357,637	-13%
Lāna'i	19	36%	\$1,053,316	165%	\$425,000	5%	\$20,013,000	259%
Makawao/Olinda/Hali'imaile	48	-17%	\$619,063	-17%	\$571,250	-10%	\$29,715,000	-31%
Maui Meadows	11	-45%	\$1,351,182	-11%	\$1,197,000	9%	\$14,863,000	-51%
Moloka'i	3	-77%	\$520,000	-32%	\$415,000	-8%	\$1,560,000	-84%
Nāhiku	1	-50%	\$925,000	-5%	\$925,000	-5%	\$925,000	-53%
Nāpili/Kahana/Honokōwai	37	-3%	\$1,312,459	17%	\$985,000	-1%	\$48,561,000	14%
Olowalu	1	N/A	\$500,000	N/A	\$500,000	N/A	\$500,000	N/A
Pukalani	55	-8%	\$700,114	-1%	\$667,000	-4%	\$38,506,250	-9%
Sprecklesville/Pā'ia/Ku'au	23	-18%	\$1,180,984	47%	\$635,000	2%	\$27,162,625	21%
Wailea/Mākena	36	13%	\$3,301,354	-3%	\$2,028,500	-2%	\$118,848,733	9%
<b>Maui Summary:</b>	<b>1,138</b>	<b>5%</b>	<b>\$920,807</b>	<b>-1%</b>	<b>\$630,069</b>	<b>-9%</b>	<b>\$1,047,878,879</b>	<b>4%</b>
<b>CONDOMINIUMS</b>								
Central	85	-43%	\$300,705	2%	\$300,000	3%	\$25,559,910	-42%
Hāna	1	-67%	\$289,000	-9%	\$289,000	-7%	\$289,000	-70%
Kā'anapali	55	-25%	\$1,332,865	-7%	\$1,100,000	-15%	\$73,307,580	-30%
Kapalua	34	17%	\$1,630,971	-1%	\$1,256,500	14%	\$55,452,999	16%
Kihei	485	21%	\$469,617	5%	\$427,000	8%	\$227,764,053	27%
Lahaina	75	-9%	\$611,567	0%	\$529,000	-1%	\$45,867,500	-8%
Lāna'i	9	200%	\$1,798,963	-30%	\$2,279,663	-4%	\$16,190,663	111%
Mā'alaea	28	-26%	\$501,007	-19%	\$500,000	-23%	\$14,028,200	-41%
Makawao/Olinda/Hali'imaile	0	100%	\$0	100%	\$0	-100%	\$0	-100%
Moloka'i	7	-36%	\$280,886	-74%	\$305,000	-3%	\$1,966,200	-83%
Nāpili/Kahana/Honokōwai	163	-35%	\$593,573	2%	\$550,000	3%	\$96,752,349	-34%
Pukalani	0	100%	\$0	100%	\$0	-100%	\$0	-100%
Sprecklesville/Pā'ia/Ku'au	4	33%	\$1,422,250	0%	\$1,304,500	-30%	\$5,689,000	33%
Wailea/Mākena	233	15%	\$1,717,677	-2%	\$1,328,775	-3%	\$400,218,813	13%
<b>Maui Summary:</b>	<b>1,179</b>	<b>-5%</b>	<b>\$816,867</b>	<b>4%</b>	<b>\$550,000</b>	<b>6%</b>	<b>\$963,086,267</b>	<b>-1%</b>

N/A: Not applicable.

SOURCE: Maui Board of Realtors, *MLS Resale Data, December 2007.*

### 3.2.10

## LAND SALES BY AREA, MAUI COUNTY

Area	Number of Sales		Average Sales Price		Median Sales Price		Total Dollar Volume	
	2007 Sales	% Chg Last Yr	2007 Average	% Chg Last Yr	2007 Median	% Chg Last Yr	2007 Volume	% Chg Last Yr
<b>LAND SALES</b>								
Central	71	42%	\$440,005	-20%	\$346,500	-18%	\$31,240,390	14%
Ha'ikū	17	-11%	\$659,824	-7%	\$475,000	-19%	\$11,217,000	-17%
Hāna	4	0%	\$810,500	14%	\$480,000	-28%	\$3,241,999	14%
Kā'anapali	20	-55%	\$865,025	3%	\$759,500	-4%	\$17,300,500	-53%
Kahakuloa	1	-75%	\$499,000	-21%	\$499,000	-18%	\$499,000	-80%
Kapalua	14	8%	\$2,112,500	3%\$	\$1,712,500	1%	\$29,575,000	11%
Kaupō	1	-50%	\$505,000	-68%	\$505,000	-68%	\$505,000	-84%
Ke'anae	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Kihei	13	-7%	\$880,635	-36%	\$675,000	7%	\$11,448,250	-40%
Kipahulu	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Kula/Ulupalakua/Kanaio	14	-42%	\$872,714	-66%	\$532,500	-35%	\$12,218,000	-80%
Lahaina	19	-10%	\$1,487,684	44%	\$1,450,000	49%	\$28,266,000	30%
Lāna'i	3	200%	\$583,333	-12%	\$645,000	-2%	\$1,750,000	165%
Makawao/Olinda/Hali'imaile	1	-83%	\$525,000	-10%	\$525,000	-1%	\$525,000	-85%
Maui Meadows	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Moloka'i	25	19%	\$196,180	-47%	\$90,000	-70%	\$4,904,500	-37%
Nāhiku	2	0%	\$1,262,500	-4%\$	\$1,262,500	-4%	\$2,525,000	-4%
Nāpili/Kahana/Honokōwai	3	50%	\$749,000	31%	\$565,000	-1%	\$2,247,000	96%
Olowalu	5	25%	\$1,311,000	8%	\$1,295,000	4%	\$6,555,000	35%
Pukalani	1	-67%	\$375,000	-3%	\$375,000	12%	\$375,000	-68%
Sprecklesville/Pa'ia/Ku'au	2	100%	\$909,500	52%	\$909,500	52%	\$1,819,000	203%
Wailea/Mākena	10	-23%	\$2,387,500	37%	\$2,000,000	60%	\$23,875,000	5%
<b>Maui Summary:</b>	<b>226</b>		<b>\$841,091</b>	<b>-20%</b>	<b>\$562,500</b>	<b>-18%</b>	<b>\$190,086,639</b>	<b>-29%</b>

N/A: Not applicable.

Source: Maui Board of Realtors, *MLS Resale Data, December 2007*.

## 3.2.11

**FOREST AND NATURAL AREA ACREAGE,  
BY ISLAND JUNE 30, 2006**

Island	Conservation district forest land		Natural areas <sup>3</sup>	
	Forest reserve land <sup>1</sup>	Private forest land <sup>2</sup>	Number of areas	Acres
<b>2006</b>				
<b>State total</b>	<b>643,134</b>	<b>328,742</b>	<b>19</b>	<b>109,164</b>
Hawai'i	438,416	106,745	8	82,535
Maui	73,227	53,180	4	17,123
Kaho'olawe	-	-	-	-
Lāna'i	-	6,150	-	-
Moloka'i	16,030	-	2	2,950
O'ahu	32,462	88,817	3	1,770
Kaua'i	82,999	73,850	2	4,786
Niihau	-	-	-	-

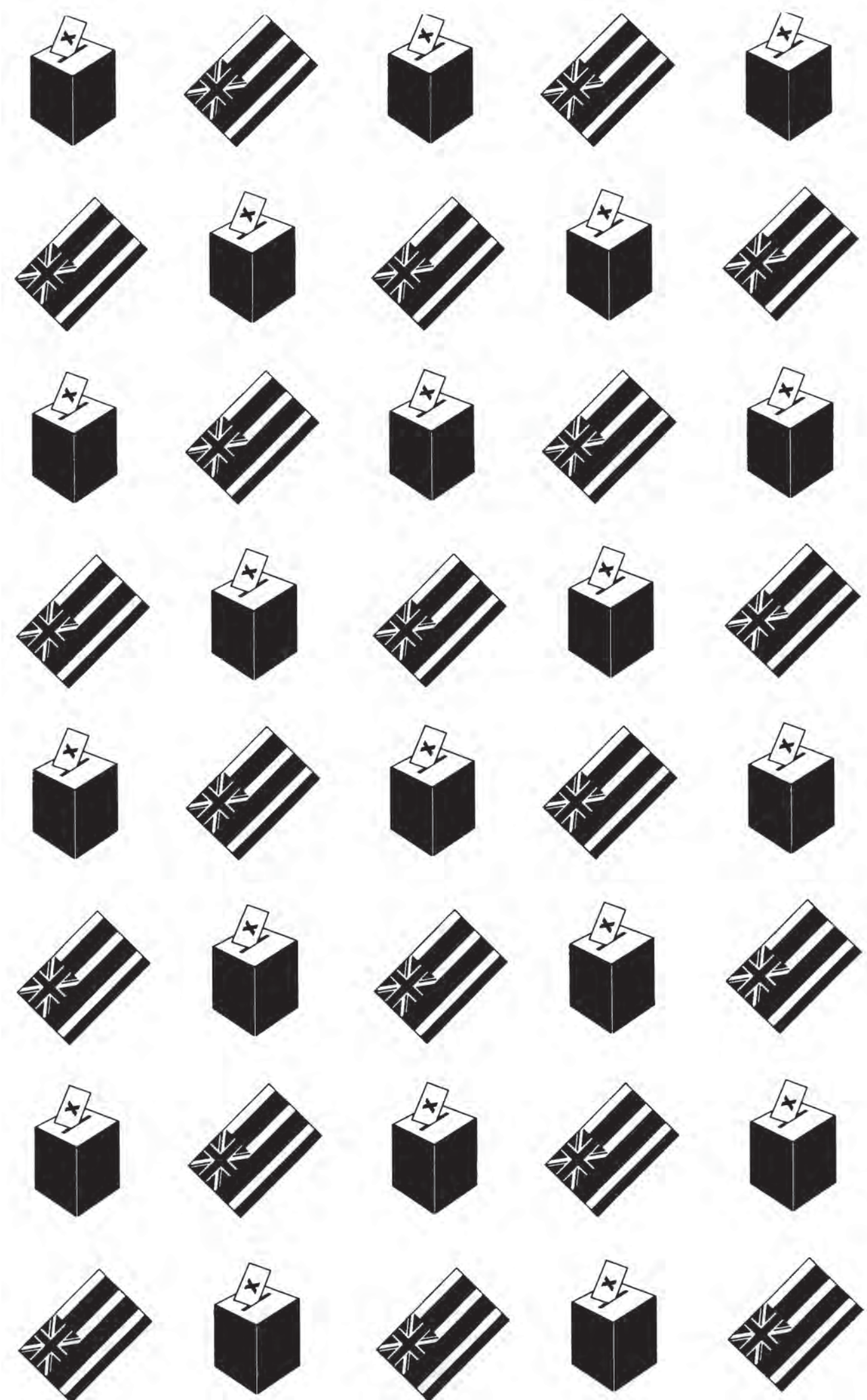
Note: data have remain constant since 1996.

<sup>1</sup> State-owned and privately-owned lands under surrender agreement in forest reserve system.

<sup>2</sup> Private forest land within conservation district. The majority of these lands were previously in the forest reserve system.

<sup>3</sup> Includes Waimanu Research Reserve (3,600 acres) and Alaka'i Wilderness Preserve (9,939 acres).

SOURCE: Hawai'i 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 Hawai'i is vested in one combined city and county (Honolulu, consisting of the Island of O'ahu and outlying islets), three non-metropolitan counties (Hawai'i, Kua'i and Maui), and one area (Kalawao County) administered by the Hawai'i State Department of Health. Separate municipal governments do not exist.

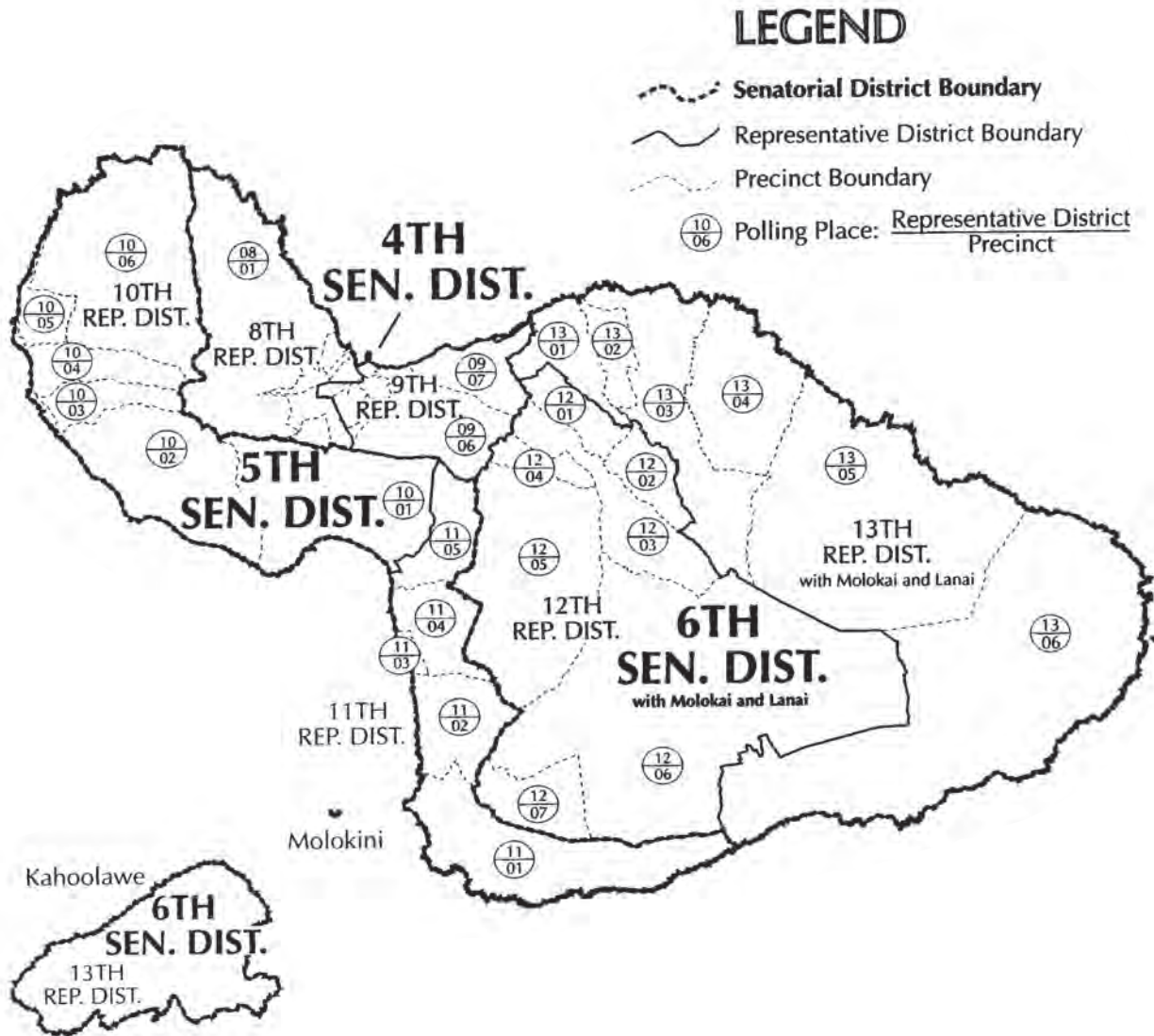
Official results for the primary, general and special elections are published by the Office of Elections. Reapportionment for Maui County was effected in May 2002.

Important sources on statistics on government include: Government in Hawai'i, Tax Foundation of Hawai'i; Revenue Trends (monthly tax collection reports), Hawai'i State Department of Taxation; State of Hawai'i Data Book, Hawai'i State Department of Business, Economic Development and Tourism; and Historical Statistics of Hawai'i, 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 Hawai'i does not report on its spending by county.

## MAPS OF ELECTION DISTRICTS

*Islands of Maui and Kaho'olawe*







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

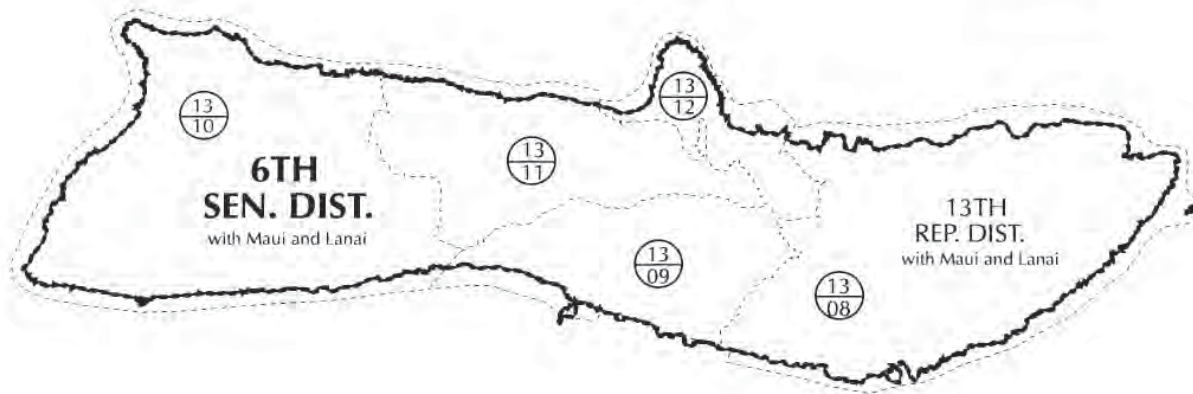
4.1.2

MAPS OF ELECTION DISTRICTS

*Island of Moloka'i*

LEGEND

-  Senatorial District Boundary
-  Representative District Boundary
-  Precinct Boundary
-  Polling Place:  $\frac{\text{Representative District}}{\text{Precinct}}$



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



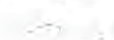



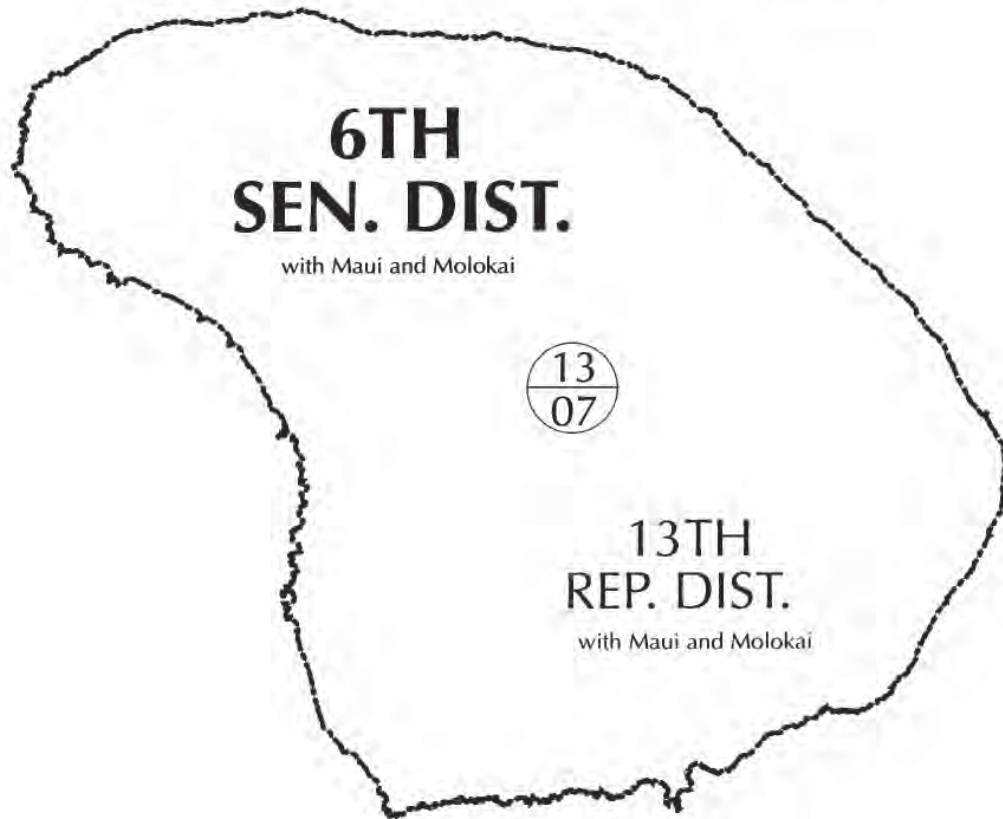
4.1.3

MAPS OF ELECTION DISTRICTS

*Island of Lānaʻi*

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, Waihe'e, Waiehu**

1. Waihe'e Elementary School
2. Wailuku Community Center\*
3. Baldwin High School
4. Paukūkalo Hawaiian Homes Community Center
5. Wailuku Elementary School
6. Waikapū Community Center
7. Maui Economic Opportunity Center

### **9th Representative District Wailuku, Kahului, Spreckelsville**

1. Īao 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 Nahi'ena'ena Elementary School
5. Lahaina Civic Center
6. Honolulu Methodist Church

### **11th Representative District Kihei, Wailea**

1. Trinity Episcopal Chr.
2. Kamali'i Elementary School
3. Kihei Community Center
4. Kihei Elementary School

### **12th Representative District Hāli'imaile, 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 Pā'ia, Ha'ikū, Ke'anae, Hāna, Moloka'i and Lāna'i**

1. Pā'ia Community Center
  2. Ha'ikū Elementary School
  3. Ha'ikū Community Center
  4. Kaulanapueo Church
  5. Ke'anae Elementary School
  6. Hāna High and Elementary School
  7. Lāna'i High and Elementary School
  8. Kilohana Community Center
  9. Kaunakaka'i School
  10. Maunaloa Elementary School
  11. Kualapu'u Community Center
  12. Kalaupapa Settlement
- 

SOURCE: State of Hawai'i, Office of Elections, 2008 Polling Places.

4.2.1

**REGISTERED VOTERS AND VOTES CAST IN THE NOVEMBER 4, 2008  
GENERAL ELECTION**

District	Precinct Name	Registered Voters		Votes		Turnout	District	Precinct Name	Registered Voters		Votes		Turnout
		Voters	Cast	Cast	Turnout				Voters	Cast	Cast	Turnout	
8-1	Waihe'e Elementary School	1,661	654	39.4%	11-1	Trinity Episcopal Church by the Sea	3,187	1,233	38.7%				
8-2	Velma McWayne Santos Comm Ctr.	3,445	1,234	35.8%	11-2	Kamali'i Elementary School	4,423	1,808	40.9%				
8-3	Baldwin High School	1,644	541	32.9%	11-3	Kihei Community Center	3,751	1,483	39.5%				
8-4	Paukūkalō Hwn Homes Comm Ctr.	1,843	518	28.1%	11-4	Kihei Elementary School	3,774	1,465	38.8%				
8-5	Wailuku Elementary School	3,136	1,272	40.6%		Absentee Voters <sup>1</sup>		2,494	16.5%				
8-6	Waikapū Community Ctr.	1,105	579	52.4%									
8-7	Maui Economic Opportunity Ctr. Absentee Voters <sup>1</sup>	1,026	362	35.3%	12-1	Kalama Intermediate School	3,025	1,258	41.6%				
			3,770	27.2%	12-2	Eddie Tam Memorial Center	2,104	908	43.2%				
9-1	Īao School	1,147	435	37.9%	12-3	Pukalani Elementary School	3,068	1,311	42.7%				
9-2	Maui Waena Intermediate School	2,919	1,123	38.5%	12-4	Hannibal Tavares Community Center	3,287	1,494	45.5%				
9-3	Lihikai elementary School	2,357	884	37.5%	12-5	Kula Community Center	1,731	776	44.8%				
9-4	Maui High School	2,256	729	32.3%	12-6	Kula Elementary School	2,555	1,160	45.4%				
9-5	Kahului Elementary School	2,253	922	40.9%	12-7	'Ulupalakua Ranch	163	87	53.4%				
9-6	Kahului Hongwanji Mission	212	80	37.7%		Absentee Voters <sup>1</sup>		3,826	24.0%				
9-7	Kaunoa Senior Center Absentee Voters <sup>1</sup>	1,056	478	45.3%	13-1	Pā'ia Community Center	1,049	480	45.8%				
			2,750	22.5%	13-2	Ha'ikū Elementary School	2,637	1,193	45.2%				
10-1	Kenolio Recreation Center	1,439	529	36.8%	13-3	Ha'ikū Community Center	3,097	1,323	42.7%				
10-2	King Kamehameha III Elem School	2,264	839	37.1%	13-4	Kaulanapueo Church	594	300	50.5%				
10-3	Lahaina Intermediate School	2,240	855	38.2%	13-5	Ke'anae Elementary School	205	89	42.0%				
10-4	Princess Nahi'enā'ena Elem School	1,687	593	35.2%	13-6	Hāna High and Elementary School	1,200	565	47.1%				
10-5	Lahaina Civic Center	3,212	924	28.8%	13-7	Lāna'i High and Elementary School	1,706	777	45.5%				
10-6	Honolua Methodist Church Absentee Voters <sup>1</sup>	2,598	1,091	42.0%	13-8	Kilohana Community Center	615	246	40.0%				
			2,534	18.9%	13-9	Kauanakaka'i School	2,056	653	31.8%				
					13-10	Maunaloa Elementary School	339	140	41.3%				
					13-11	Kualapu'u Community Center	1,075	420	39.1%				
					13-12	Kalaupapa Settlement <sup>2</sup>	56	0	0.0%				
						Absentee Voters <sup>1</sup>		2,853	19.5%				

<sup>1</sup> Turnout represents percentage of voters in district voting absentee. <sup>2</sup> All votes cast by absentee.

SOURCE: Hawai'i State Office of Elections, Records

4.2.2

**MAUI COUNTY GENERAL ELECTION RESULTS,  
NOVEMBER 4, 2008**

**President and Vice President**

(D) OBAMA, Barack / BIDEN, Joe	39,725	76.3%
(R) McCain, John / PALIN, Sarah	11,152	21.4%
(I) NADER, Ralph / GONZALEZ, Matt	462	0.9%
(L) BARR, Bob / ROOT, Wayne A.	195	0.4%
(C) BALDWIN, Chuck / CASTLE, Darrell	142	0.3%
(G) McKINNEY, Cynthia / CLEMENTE, Rosa	109	0.2%
Blank Votes:	217	0.4%
Over Votes:	33	0.1%

**U.S. Representative, Dist 2**

(D) HIRONO, Mazie	37,200	71.5%
(R) EVANS, Roger B.	8,320	16.0%
(I) STENSHOL, Shaun	1,049	2.0%
(L) MALLAN, Lloyd J. (Jeff)	782	1.5%
Blank Votes:	4,659	9.0%
Over Votes:	25	0.0%

**State Senator, Dist 5**

(D) BAKER, Roz	8,505	53.7%
(R) SHIELDS, Jan	6,284	39.7%
Blank Votes:	1,045	6.6%
Over Votes:	14	0.1%

**State Senator, Dist 6**

(D) ENGLISH, J. Kalani	14,030	70.7%
(I) BLUMER-BUELL, John	3,652	18.4%
Blank Votes:	2,171	10.9%
Over Votes:	3	0.0%

**State Representative, Dist 8**

(D) SOUKI, Joe  
(Elected in Primary)

**State Representative, Dist 9**

(D) NAKASONE, Bob	5,642	76.2%
(R) KAHULA, Henry P., Jr.	1,191	16.1%
Blank Votes:	565	7.6%
Over Votes:	3	0.0%

**State Representative, Dist 10**

(D) MCKELVEY, Angus	4,476	60.8%
(R) MADDEN, Ramon K.	2,000	27.2%
Blank Votes:	885	12.0%
Over Votes:	4	0.1%

**State Representative, Dist 11**

(D) BERTRAM, Joe, III	4,299	50.7%
(R) FONTAINE, George R.	3,214	37.9%
Blank Votes:	970	11.4%
Over Votes:	0	0.0%

**State Representative, Dist 12**

(D) YAMASHITA, Kyle	7,151	66.1%
(R) VIERRA, Mickey	2,879	26.6%
Blank Votes:	789	7.3%
Over Votes:	1	0.0%

**State Representative, Dist 13**

(D) CARROLL, Mele  
(Elected in Primary)

**Councilmember, East Maui**

MEDEIROS, Bill (Kauakea)	26,573	51.1%
DE NAIE, Lucienne (Luci)	15,002	28.8%
Blank Votes:	10,420	20.0%
Over Votes:	9	0.0%

**Councilmember, West Maui**

JOHNSON, Jo Anne	25,660	49.3%
FUKUYAMA, Alan (Al)	16,884	32.5%
Blank Votes:	9,447	18.2%
Over Votes:	13	0.0%

**Councilmember, Wailuku Waihee Waikapu**

VICTORINO, Michael (Mike)	35,956	69.1%
Blank Votes:	16,048	30.9%
Over Votes:	0	0.0%

**Councilmember, Kahului**

PONTANILLA, Joe	27,500	52.9%
HALPERIN, Netra	13,047	25.1%
Blank Votes:	11,449	22.0%
Over Votes:	8	0.0%

**Councilmember, South Maui**

NISHIKI, Wayne K.	23,294	44.8%
COUCH, Don	21,251	40.9%
Blank Votes:	7,449	14.3%
Over Votes:	10	0.0%

**Councilmember, Makawao Haiku Paia**

MOLINA, Mike	25,992	50.0%
NISHIKI, Kai	17,282	33.2%
Blank Votes:	8,712	16.8%
Over Votes:	18	0.0%

**Councilmember, Upcountry**

BAISA, Gladys Coelho	27,390	52.7%
HOWDEN, Michael S.	13,964	26.9%
Blank Votes:	10,639	20.5%
Over Votes:	11	0.0%

**Councilmember, Lanai**

KAHO'OHALAHALA, Sol P.	22,621	43.50%
ORNELLAS, John W.	17,426	33.50%
Blank Votes:	11,939	23.00%
Over Votes:	18	0.00%

**Councilmember, Molokai**

MATEO, Danny A.	33,733	64.90%
Blank Votes:	18,271	35.10%
Over Votes:	0	0.00%

SOURCE: Hawai'i State Office of Elections, records.

### 4.2.3

## MAUI COUNTY GENERAL ELECTION RESULTS, OFFICE OF HAWAIIAN AFFAIRS TRUSTEES AND STATE CONSTITUTIONAL AMENDMENTS, NOVEMBER 4, 2008

#### Office of Hawaiian Affairs

##### At Large Trustee

APOLIONA, Haunani	15,922	30.6%
HONDA, Helene S.M.	7,027	13.5%
KIPPEN, Colin C.	6,652	12.8%
NALUA'I, Sol	4,901	9.4%
Blank Votes:	17,508	33.6%
Over Votes:	25	0.0%

##### Hawai'i Resident Trustee

LINDSEY, Bob K.	17,487	33.6%
MEYERS, William (Willy)	11,657	22.4%
Blank Votes:	22,879	44.0%
Over Votes:	12	0.0%

##### Kaua'i Resident Trustee

CATALUNA, Donald B.	24,681	47.4%
Blank Votes:	27,354	52.6%
Over Votes:	0	0.0%

##### Moloka'i Resident Trustee

PURDY, Waipa	15,739	30.2%
MACHADO, Colette Y. Piipii	14,539	27.9%
Blank Votes:	21,747	41.8%
Over Votes:	10	0.0%

#### State of Hawaii Constitutional Amendments<sup>1</sup>

##### Constitutional Convention Question

YES	14,438	27.7%
NO	34,243	65.8%
Blank Votes:	3,334	6.4%
Over Votes:	20	0.0%

##### Age Qualification for Governor

YES	10,182	19.6%
NO	38,589	74.2%
Blank Votes:	3,243	6.2%
Over Votes:	21	0.0%

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

<sup>1</sup> "YES" VOTE MEANS THAT THE CONSTITUTIONAL QUESTION IS APPROVED.

"NO" VOTE MEANS THE CONSTITUTIONAL QUESTION IS NOT APPROVED.

"BLANK" AND "OVER VOTES" ARE ALSO COUNTED TO DETERMINE WHETHER THE CONSTITUTIONAL QUESTION IS APPROVED.

TO PASS, THE "YES" VOTES MUST BE MORE THAN THE "NO," "BLANK," AND "OVER VOTES."

SOURCE: Hawai'i State Office of Elections, records.

#### 4.2.4

### MAUI COUNTY GENERAL ELECTION RESULTS, MAUI COUNTY CHARTER AMENDMENTS, NOVEMBER 7, 2006<sup>1</sup>

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#### Maui County Charter Amendments

Should the Department of Public Works and Environmental Management be divided to form two separate departments, a Department of Public Works and a Department of Environmental Management, and should the provisions of the Charter be modified by non-substantive “housekeeping” measures related to this amendment?

YES	22,170	56.90%
NO	12,022	30.90%
Blank Votes:	4,753	12.20%
Over Votes:	4	0.00%

Should a minimum of two percent (2%) of the certified real property tax revenues for fiscal years 2008 through 2011 be appropriated into an affordable housing fund to be used for the provision and expansion of affordable housing and suitable living environments for persons of very low to moderate income?

YES	24,469	62.80%
NO	11,040	28.30%
Blank Votes:	3,420	8.80%
Over Votes:	20	0.10%

Should the Charter provision relating to the filing of personal injury and property damage claims against the County of Maui be changed so as to require that notices of claims be filed “within the time period as provided by law” instead of within two years after the date of injury, to conform to controlling State law, which currently provides for a period of six months?

YES	22,574	58.00%
NO	11,944	30.70%
Blank Votes:	4,416	11.30%
Over Votes:	15	0.00%

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1. There were no proposed Maui County Charter Amendment for the November 4, 2008 election.

SOURCE: Hawai'i State Office of Elections, records.

### 4.3.1

## COUNTY STATEMENT OF REVENUES AND EXPENDITURES, ALL GOVERNMENTAL FUND TYPES AND EXPENDABLE TRUST FUNDS<sup>1</sup>, MAUI COUNTY

*In thousands of dollars; for year ended June 30*

	2003	2004	2005	2006	2007
<b>Revenues:</b>					
Real Property Taxes	105,106	116,759	132,096	162,221	194,650
Other Taxes	18,386	23,521	23,924	26,431	28,398
Intergovernmental Revenues	44,968	47,776	53,513	54,268	53,117
Charges for Services	28,335	34,810	36,265	39,221	43,859
Licenses and Permits	10,891	15,000	16,444	17,611	16,996
Revenues from Use of Money and Property	2,064	1,540	2,490	5,586	11,953
Fines and Forfeitures	1,188	1,096	1,242	1,463	1,779
Assessments <sup>1</sup>	2,038	1,795	3,031	7,123	10,370
Other Sources	2,624	2,747	3,499	4,598	4,186
<b>Subtotal</b>	<b>215,600</b>	<b>244,625</b>	<b>272,504</b>	<b>318,522</b>	<b>365,308</b>
<b>Other Sources:<sup>2</sup></b>					
Bond/Loan Proceeds	19,673	2,270	22,481	546	521
<b>TOTAL Revenues + Other Sources</b>	<b>235,273</b>	<b>246,895</b>	<b>294,985</b>	<b>319,068</b>	<b>365,829</b>
<b>Expenditures:</b>					
Management and Other	50,737	52,937	57,848	67,352	70,467
Public Safety	46,153	48,873	53,125	55,799	64,080
Sanitation	22,706	22,834	23,835	28,670	34,420
Highway and Streets	10,958	14,896	19,444	21,341	25,123
Social Welfare	31,811	30,643	29,877	30,454	34,840
Culture and Recreation	18,629	18,725	20,359	20,452	23,149
Legislative	3,953	3,681	4,022	4,114	4,602
Capital Outlay	38,745	35,058	21,511	30,594	38,027
Debt Service: Principal	13,594	15,014	16,443	17,059	17,865
Interest	10,997	10,047	9,759	10,307	9,822
Refunding Bond Issuance Cost					
<b>TOTAL Expenditures</b>	<b>248,282</b>	<b>252,708</b>	<b>256,223</b>	<b>286,142</b>	<b>322,393</b>

<sup>1</sup> Revenue category as of 2002.

<sup>2</sup> G. O. Bonds and State Revolving Fund Proceeds.

SOURCE: County of Maui, Department of Finance, Comprehensive Annual Financial Report, (Fiscal years ending June 30) 2003-2007.

## 4.3.2

**STATE TAX COLLECTIONS, MAUI COUNTY  
FISCAL YEARS ENDING JUNE 30**

Source of Revenue	2003	2004	2005	2006	2007
Banks/Financial Corporations	62,487	37,767	66,505	125,106	93,575
Employment Security Contributions	2,711	3,227	911	0	0
Fuel	6,644,247	8,105,438	8,821,186	9,668,894	9,684,054
General Excise License/Fees	95,980	101,557	22,010	0	189,947,825
General Excise and Use Tax <sup>1</sup>	143,345,491	162,539,134	161,063,276	169,972,118	464,287
Income, Corporate					
Declaration of Estimated Taxes	3,935,144	10,106,319	2,167,891	1,854,225	2,854,866
Payment with Returns	(1,558,163)	(7,708,750)	225,697	729,153	582,333
Refunds	(1,817,825)	(1,426,186)	(725,630)	(386,145)	(1,008,033)
Income, Individual					
Declaration of Estimated Taxes	28,425,643	46,212,429	28,014,837	35,000,991	51,157,549
Payment with Returns	(1,739,533)	(12,063,961)	12,173,847	20,332,177	23,198,403
Withholding Tax on Wages	53,995,192	58,748,008	66,109,939	68,078,261	73,285,920
Refunds	(29,731,274)	(32,671,127)	(32,536,551)	(30,830,107)	(44,667,423)
Liquor and Permits	6,029,511	6,059,841	6,109,155	6,677,427	6,805,526
Motor Vehicle Tax/Fees <sup>2</sup>	7,543,734	7,623,434	8,210,513	9,044,748	10,387,581
Public Service Company	8,907,179	7,905,738	9,652,124	11,191,010	13,419,312
Tobacco and Licenses	2,074,130	5,301,109	7,623,922	8,138,046	8,683,442
Transient Accommodation Fees and					
Time Share Occupancy Fees <sup>3</sup>	3,000	3,560	855	0	30
Transient Accommodation Tax and					
Time Share Occupancy Tax <sup>3</sup>	27,536,083	32,803,470	30,489,460	30,139,129	36,924,460
All Others	55	143	5	0	0
<b>TOTAL</b>	<b>253,753,793</b>	<b>291,681,149</b>	<b>307,489,949</b>	<b>339,735,032</b>	<b>381,813,708</b>

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

<sup>1</sup> Gross collection—does not reflect allocation to Special Funds.

<sup>2</sup> 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.

<sup>3</sup> Time Share Occupancy Fees and Taxes were first collected in 1999.

SOURCE: Hawai'i State Department of Taxation, State Tax Collections and Distribution (fiscal year summary tables), 2003-2007.



### 4.3.3

## ESTIMATED REAL PROPERTY TAX REVENUE, MAUI COUNTY

*In thousands of dollars*

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Assessor's gross valuation FY 2008-09	\$49,928,888
Land	27,755,267
Improvement	22,173,621
Exemptions <sup>1</sup>	8,247,269
Assessor's net taxable valuation	41,682,311
Half of valuation on appeal	514,590
Number of appeals	2,638
Valuation for tax rate purposes	41,167,721
Land	24,024,648
Improvement	17,143,073
Amount to be Raised by Taxation <sup>2</sup>	\$215,963

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<sup>1</sup> Data exclude nontaxable properties.

<sup>2</sup> For fiscal year beginning July 1.

SOURCE: City and County of Honolulu, Department of Budget and Fiscal Services, Real Property Assessment Division, Administration/Technical Branch.

#### 4.3.4

### REAL PROPERTY TAX RATES, MAUI COUNTY

*Dollars per \$1,000 net taxable value*

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Land Use Class	Rate Fiscal Year 2008-2009
<b>LAND</b>	
Homeowner	2.00
Improved Residential	4.85
Unimproved Residential	5.35
Apartment	4.55
Hotel/resort	8.20
Time Share <sup>1</sup>	14.00
Commercial	6.25
Industrial	6.50
Agricultural	4.50
Conservation	4.75
<b>IMPROVEMENT</b>	
Homeowner	2.00
Improved Residential	4.85
Unimproved Residential	5.35
Apartment	4.55
Hotel and Resort	8.20
Time Share <sup>1</sup>	14.00
Commercial	6.25
Industrial	6.50
Agricultural	4.50
Conservation	4.75

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<sup>1</sup> 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 <sup>1</sup> (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 <sup>2</sup>	7,829.9	5,795.5	223.8
1999 <sup>2</sup>	7,708.8	5,522.8	235.1
2000 <sup>2</sup>	7,956.3	5,678.3	236.8
2001 <sup>2,3</sup>	7,855.2	5,471.6	234.9
2002 <sup>2</sup>	8,856.6	6,072.0	246.3
2003 <sup>2</sup>	8,861.0	5,793.8	243.0

<sup>1</sup> 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.

<sup>2</sup> REVISED AS OF JUNE 30.

<sup>3</sup> AS OF JUNE 30.

SOURCES: Tax Foundation of Hawai'i, 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 Hawai'i, Kaua'i and Maui (various reports); Tax Foundation of Hawai'i, Government in Hawai'i, table 52; Robert C. Schmitt, Historical Statistics of Hawai'i (University of Hawai'i Press, 1977) table 25.14.

4.4.1

**COUNTY DEPARTMENT BY PERSONNEL,  
MAUI COUNTY**

<b>Fiscal Year Department</b>	<b>2002-03</b>	<b>2003-04</b>	<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>
Civil Defense	4.0	7.0	7.0	7.0	9.0	10.0r	10.0
Corporation Counsel	22.0	22.0	22.3	24.3	26.8	29.8	29.8
Environmental Management							
General (incl. Revolving Fund) ***						9.0	6.0
EM - Waste Water ( Sewer) ***	105.0	106.3	107.3	107.3	107.3	113.3	117.3
EM - Solid Waste ***	72.0	69.0	70.0	77.0	86.0	95.0r	102.0
Finance	110.8	111.8	122.8	132.8	138.8	144.8	148.8
Fire & Public Safety	284.0	284.0	286.0	290.0	294.0	308.0r	311.0
Housing and Human Concerns	115.6	112.9	126.1	127.1	129.6	136.1r	133.1
Liquor Control	21.0	23.0	23.0	23.0	23.0	23.0	26.0
Management	24.0	23.0	31.0	35.0	43.0	45.0r	46.0
Parks and Recreation - General	384.8	383.8	390.8	390.8	405.3	440.5	453.5
Parks and Recreation - Golf	20.8	20.8	20.8	20.8	21.8	22.3	22.9
Personnel Services	12.0	12.0	14.0	16.0	18.0	18.0	20.0
Planning	38.0	43.0	54.0	57.0	62.0	68.9	71.2
Police	480.9	481.9	485.9	494.9	508.9	524.9r	524.4
Prosecuting Attorney	69.4	68.4	69.4	73.4	74.9	76.9	77.9
Public Works - General)	93.6	89.6	92.6	95.6	100.2	101.2	101.2
PW - Highways	155.0	155.0	155.0	159.0	165.0	170.0	170.0
Department of Transportation*		3.0	3.0	6.0	7.0	5.0	5.0
Department of Water Supply**	198.4	196.6	202.2	211.2	211.2	219.2	219.2
<b>TOTAL</b>	<b>2,212.6</b>	<b>2,213.1</b>	<b>2,283.2</b>	<b>2,348.2</b>	<b>2,431.8</b>	<b>2,560.9r</b>	<b>2,595.3</b>

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.

\*\*\* The Department of Environmental Management was created as a result of the 2006 Charter amendment.

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

SOURCE: Office of the Mayor, Budget Office, County Budgets 2003-2009.

#### 4.4.2

### TOP 20 COUNTY POSITIONS RECRUITED IN FY 2006-07, MAUI COUNTY

Rank	Position	Number of Applicants	Number Qualified
1	Police Officer I	649	646
2	Fire Fighter Trainee	467	457
3	DMVL Service Representative II	167	86
4	Police Radio Dispatcher I	152	123
5	Clerk III	147	126
6	Clerk II	130	105
7	Clerk-Typist III	95	49
8	Clerk-Typist II	88	44
9	Water Microbiologist I	87	5
10	Public Safety Aid (Part time)	76	71
11	Police Sergeant	62	61
12	Fire Captain	59	59
13	Pipefitter Helper	56	22
14	Pool Guard	45	40
14	Landfill Attendant	45	40
16	Recreational Aid	41	33
17	Fire Fighter II	38	36
18	Ocean Safety Officer I	36	35
19	Asst. Wastewater Treatment Plant Operator	33	22
20	Account Clerk III	31	24
20	Information Systems Analyst V	31	19

SOURCE: County of Maui, Department of Personnel Services, Annual Report 2006-2007.

4.5.1

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

Taxation District	All Residents			Joint			All Others**		
	2005	2004	2003	2005	2004	2003	2005	2004	2003
<b>All Resident Returns*</b>									
O'ahu	\$25,992	\$24,793	\$23,820	\$54,562	\$52,627	\$49,289	\$17,635	\$16,895	\$16,340
Maui	27,453	26,298	24,739	54,962	53,657	52,056	20,149	18,777	18,291
Hawai'i	22,370	22,727	20,794	47,115	43,817	40,363	16,750	16,080	14,686
Kaua'i	24,826	24,759	23,543	49,913	48,597	42,128	17,729	17,036	17,678
<b>STATE</b>	<b>\$25,826</b>	<b>\$24,704</b>	<b>\$23,533</b>	<b>\$53,304</b>	<b>\$51,351</b>	<b>\$47,966</b>	<b>\$17,829</b>	<b>\$17,116</b>	<b>\$16,483</b>
<b>Taxable Resident Returns</b>									
O'ahu	\$32,838	\$31,586	\$30,604	\$64,936	\$63,119	\$59,778	\$22,926	\$21,766	\$21,317
Maui	32,730	31,360	29,073	62,932	59,740	58,390	24,066	22,482	21,667
Hawai'i	29,977	28,341	26,805	58,318	52,616	50,173	22,109	21,005	19,325
Kaua'i	31,947	30,864	29,288	59,233	57,326	51,665	21,841	21,054	21,127
<b>STATE</b>	<b>\$32,371</b>	<b>\$31,064</b>	<b>\$29,920</b>	<b>\$63,439</b>	<b>\$60,776</b>	<b>\$58,011</b>	<b>\$22,949</b>	<b>\$21,719</b>	<b>\$21,140</b>

\*Includes returns with AGI losses.

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

SOURCE: State of Hawai'i, Department of Taxation, Tax Research and Planning Office, *Hawai'i Income Tax Patterns*. Figure 6

## 4.5.2

**SOURCES OF INCOME REPORTED BY NUMBER  
OF RETURNS AND AMOUNT,  
MAUI COUNTY 2005**

Sources of Income	Number of Returns	Amount
Salaries and Wages	52,358	\$2,205,481,531
Taxable Dividends	11,470	41,317,369
Interest	29,500	40,253,226
Business and Professions		
Net Profit	7,493	134,301,356
Net Loss	3,781	(26,241,911)
Sale of Capital Assets		
Net Gain	5,658	219,348,709
Net Loss	3,288	(9,104,396)
Rents and Royalties		
Net Profit	3,027	35,821,175
Net Loss	3,003	(33,368,733)
Partnerships and S-Corporations		
Net Profit	1,658	133,819,309
Net Loss	859	(14,053,152)
Estates and Trusts	274	5,427,715
Unemployment Compensation	2,240	6,895,356
Pensions and Annuities	9,232	149,852,734
Taxable IRA Distributions	3,087	34,549,365
State Tax Refund Income	14,502	18,701,056
Federally-Taxed Social Security	4,774	45,516,820
All Other Sources <sup>1</sup>	8,611	3,063,259
Federal Total Income	61,770	\$2,991,580,788
Hawaii Additions <sup>2</sup>	11,776	\$48,089,340
Hawaii Subtractions <sup>3</sup>	15,355	\$226,217,511
Hawaii Total Income	61,522	\$2,813,452,617
Less Adjustments to Income	13,215	\$40,776,751
Adjusted Gross Income <sup>4</sup>	62,368	\$2,772,675,866

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

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

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

<sup>4</sup> Includes losses.

SOURCE: State of Hawai'i, Department of Taxation, Tax Research and Planning Office, *Hawai'i Income Tax Patterns*. Table 5

### 4.5.3

## DEDUCTIONS CLAIMED BY NUMBER OF RETURNS AND DOLLAR AMOUNT REPORTED AND ALLOWED IN 2005, MAUI COUNTY

Type of Deduction	Number of Returns	Amount
Itemized Contributions	30,355	\$69,797,478
Interest	18,538	247,719,316
Medical and Dental	8,927	34,320,490
Casualty Loss	97	1,221,586
Taxes	38,601	178,058,355
Other Itemized Deductions	18,456	68,216,412
 Total Itemized Deductions	 38,933	 \$599,333,637
Less: Unallowed Itemized Deductions	4,597	17,897,718
 Net Allowed Itemized Deductions	 38,933	 \$581,435,919
 Standard Deduction	 23,435	 36,235,223
 Total Allowed Deductions	 62,368	 \$617,671,142

SOURCE: State of Hawai'i, Department of Taxation, Tax Research and Planning Office, *Hawai'i Income Tax Patterns*. Table 7



#### 4.5.4

### TAX RETURNS FILED IN MAUI COUNTY

Type of Return	1997	1998	1999	2000	2001	2002	2003	2004	2005
Form N-11	42,688	44,788	46,630	48,799	50,829	51,591	54,409	56,964	58,036
Form N-12	2,278	1,987	1,769	1,458	1,267	994	974	899	1,042
Form N-13	7,070	6,418	5,546	4,916	4,437	4,078	3,747	3,446	3,290
Form N-15	2,561	2,642	2,905	3,410	3,450	3,374	1,835	1,894	1,970
<b>TOTAL</b>	<b>54,597</b>	<b>55,835</b>	<b>56,850</b>	<b>58,583</b>	<b>59,983</b>	<b>60,037</b>	<b>60,965</b>	<b>63,203</b>	<b>64,338</b>

SOURCE: State of Hawai'i, Department of Taxation, Tax Research and Planning Office, *Hawai'i Income Tax Patterns*. Table 15.

#### 4.5.5

### TAX CREDITS CLAIMED BY GEOGRAPHICAL AREAS, MAUI COUNTY 2005

Tax Credit	Wailuku Kahului	Kihei	Lahaina	Rural Maui	Moloka'i	Lāna'i	State of Hawai'i
<b>Number of Returns</b>	<b>23,686</b>	<b>8,912</b>	<b>10,033</b>	<b>17,541</b>	<b>2,591</b>	<b>1,404</b>	<b>622,968</b>
Low Income Credit	6,080	1,797	2,237	5,611	978	234	174,638
Renter's Credit	1,897	834	671	1,496	207	130	55,776
Dependent Care Credit	1,172	394	264	781	50	44	27,358
Child Car Seat Credit	282	63	57	150	11	6	4,078
Capital Goods Excise Credit	205	113	88	275	12	5	4,113
Energy Conservation Credit	37	21	26	33	6	ND	462
Renewable Energy Tech. Credit	158	65	56	157	37	ND	2,261
Residential Remodeling Credit	60	59	33	83	6	ND	849
Payments to Other States	142	206	140	242	27	5	6,259
High Technology Credit	21	15	7	27	ND	0	1,101
Research Credit	1	ND	ND	ND	0	0	143

ND: Not disclosed to protect taxpayer confidentiality.

SOURCE: State of Hawai'i, Department of Taxation, Tax Research and Planning Office, *Tax Credits Claimed by Hawai'i Taxpayers*.

4.5.6

**TAX CREDITS CLAIMED BY INDIVIDUALS AND  
TYPE OF CREDIT, MAUI COUNTY 2005**

<b>Type of Credit</b>	<b>Number</b>	<b>Amount</b>
Low Income Credit	16,606	746,795
Renter's Credit	4,881	489,150
Dependent Care Credit	2,669	816,065
Child Car Seat Credit	556	13,900
Capital Goods Excise Credit	815	1,106,393
Fuel Credit for Fishing	18	6,847
Motion Picture Credit	*	5,541
Hotel Remodeling Credit	9	1,280
Energy Conservation Credit	125	90,620
Renewable Energy Technologies	470	491,574
Vocational Rehabilitation Job Credit	*	541
Enterprise Zone Credit	*	
High Technology Credit	78	1,895,728
Technology Infrastructure Credit	*	
Payments to other States	735	5,339,274
Low-Income Housing Credit	*	9,321
Residential Remodeling Credit	243	437,917
Research Activities Credit	14	37,481
Other Refundable Credits		1,200
<b>Total for Individuals</b>		<b>11,489,627</b>

\* Data suppressed to protect taxpayer confidentiality

SOURCE: State of Hawai'i, Department of Taxation, Tax Research and Planning Office, *Tax Credits Claimed by Hawai'i Taxpayers*.

## 4.5.7

## COUNTY PROPERTY TAX EXEMPTIONS BY TYPE, MAUI COUNTY FY 2008-09

*Amounts in Thousands*

Type of Exemption	Number	Amount
Federal Government	79	\$ 43,665
State Government	1,317	2,186,734
County Government	470	505,107
Government Leases - Total	86	75,949
Government Leases - Portion	58	27,769
Hawaiian Homes Commission	417	22,553
Hawn Homes Land - Basic	374	44,457
Hawn Homes Land - Multiple	135	14,796
Hawn Homes Land - Total Land	240	33
Hawn Homes Land - Vacant	156	22
Hawaiian Homes - 7 Year	57	7,589
Homes - Fee - (Basic)	18,420	5,351,386
Homes - Fee - (Multiple)	5,976	1,718,756
Homes - Leasehold - (Basic)	283	81,047
Homes - Leasehold - (Multiple)	533	154,004
Blind	31	733
Deaf	9	130
Leprosy	1	0
Totally Disabled	460	9,914
Totally Disabled Veterans	161	99,807
Cemeteries	7	1,470
Charitable Organizations	201	280,257
Childcare	22	1,100
Churches	225	379,746
Credit Unions	12	14,210
Forest Reserve	4	77
Historic Residential Properties	6	12,958
Hospitals	12	50,072
Landscaping, Open-Space	1	9
Low-Moderate Income Housing	37	191,987
Public Utilities	71	107,896
Roadways and Waterways	1,415	4,925
Schools	11	104,755
Taro	40	8
Miscellaneous	4	572
<b>TOTAL</b>	<b>31,331</b>	<b>\$11,494,493</b>

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, 2008, MAUI COUNTY

Source of Revenue	Gallons	State Tax	City Fuel Tax	Total Tax
Gasoline	63,571,835.65 *	\$10,666,413.50	\$10,152,073.17	\$20,818,486.67
DO (non-hwy)	12,165,770.50	212,370.02	0	212,370.02
DO (hwy use)	8,402,097.48	1,418,433.74	1,344,335.59	2,762,769.33
LPG (off hwy)	0	0	0	0
LPG (hwy use)	7,025.35	365.33	302.08	667.41
SB (gas)	10,116.42	1,719.79	1,618.63	3,338.42
SB (diesel oil)	154,282.00	3,085.64	0	3,085.64
Aviation fuel	32,898,476.00	1,133,972.45	0	1,133,972.45
Other fuel	320,107.50	12,804.30	0	12,804.30
SUB-TOTAL	117,529,710.90	13,449,164.77	11,498,329.47	24,947,494.24
Environmental Tax**	4,390,401.00	219,520.05	0	219,520.05
<b>TOTAL</b>		<b>\$13,668,684.82</b>	<b>11,498,329.47 ***</b>	<b>\$25,167,014.29</b>

\* Subject to Agricultural use refunds.

DO: Diesel Oil LPG: Liquid Petroleum Gas

SB: Small Boat

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

\*\*\*Lāna'i \$0.00 ; Moloka'i \$0.00 Maui \$11,956,540.84 =Total \$11,956,540.84

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

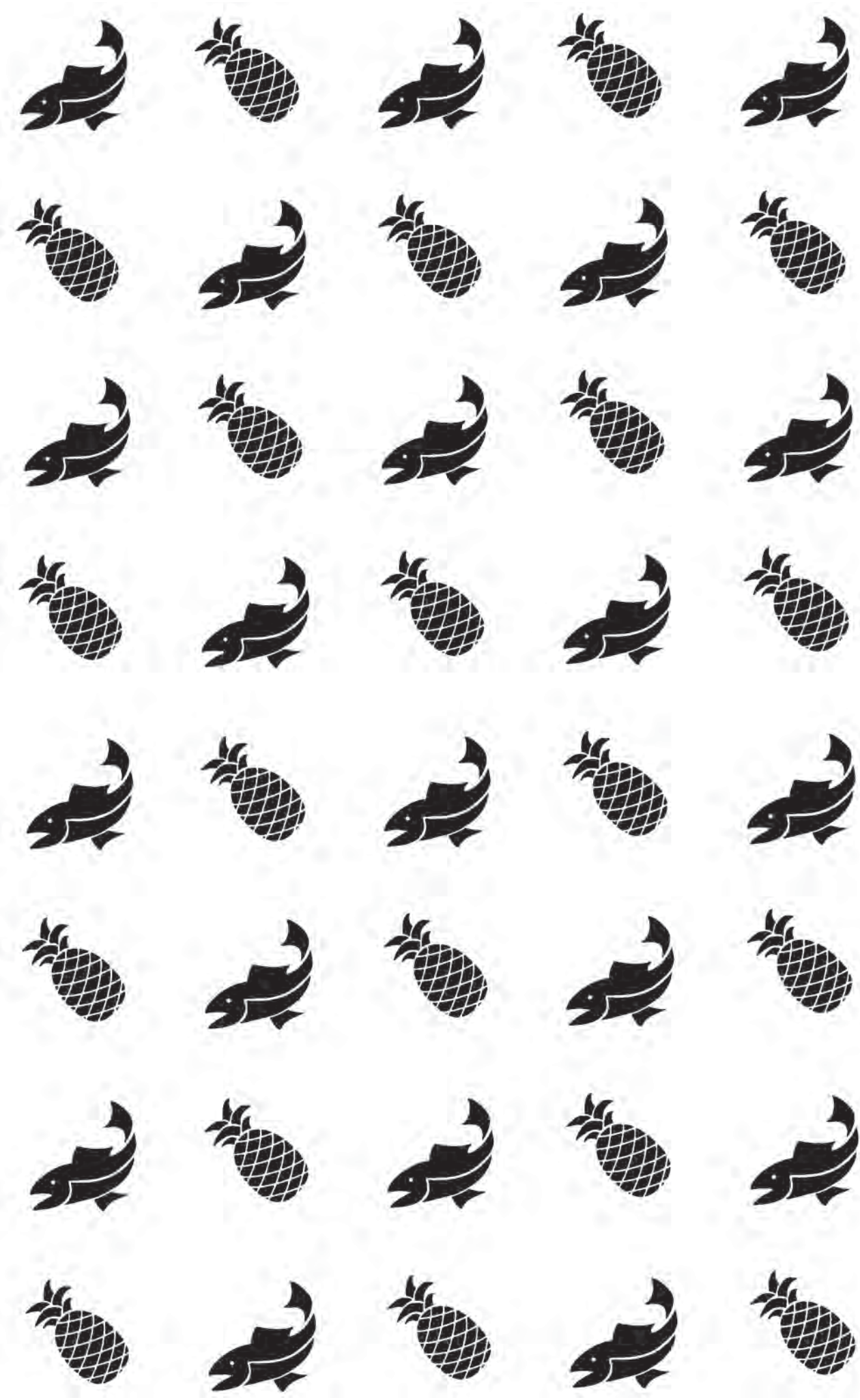
#### 4.5.9

### LIQUID FUEL TAX ALLOCATION BY FUND FY ENDING JUNE 30, 2008, MAUI COUNTY

Source of Revenue	Amount	Total Tax
State Highway Special Fund	\$12,192,040.39	
State Airports Special Fund	1,133,972.45	
State Boating Special Fund	238,135.22	\$13,564,148.06
County Fuel Tax:		
Lāna'i	0	
Moloka'i	0	
Maui	\$11,383,346.18	11,383,346.18
SUB-TOTAL		24,947,494.24
Environmental Tax Fund		219,520.05
<b>TOTAL</b>		<b>\$25,167,014.29</b>

SOURCE: State of Hawai'i, 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.

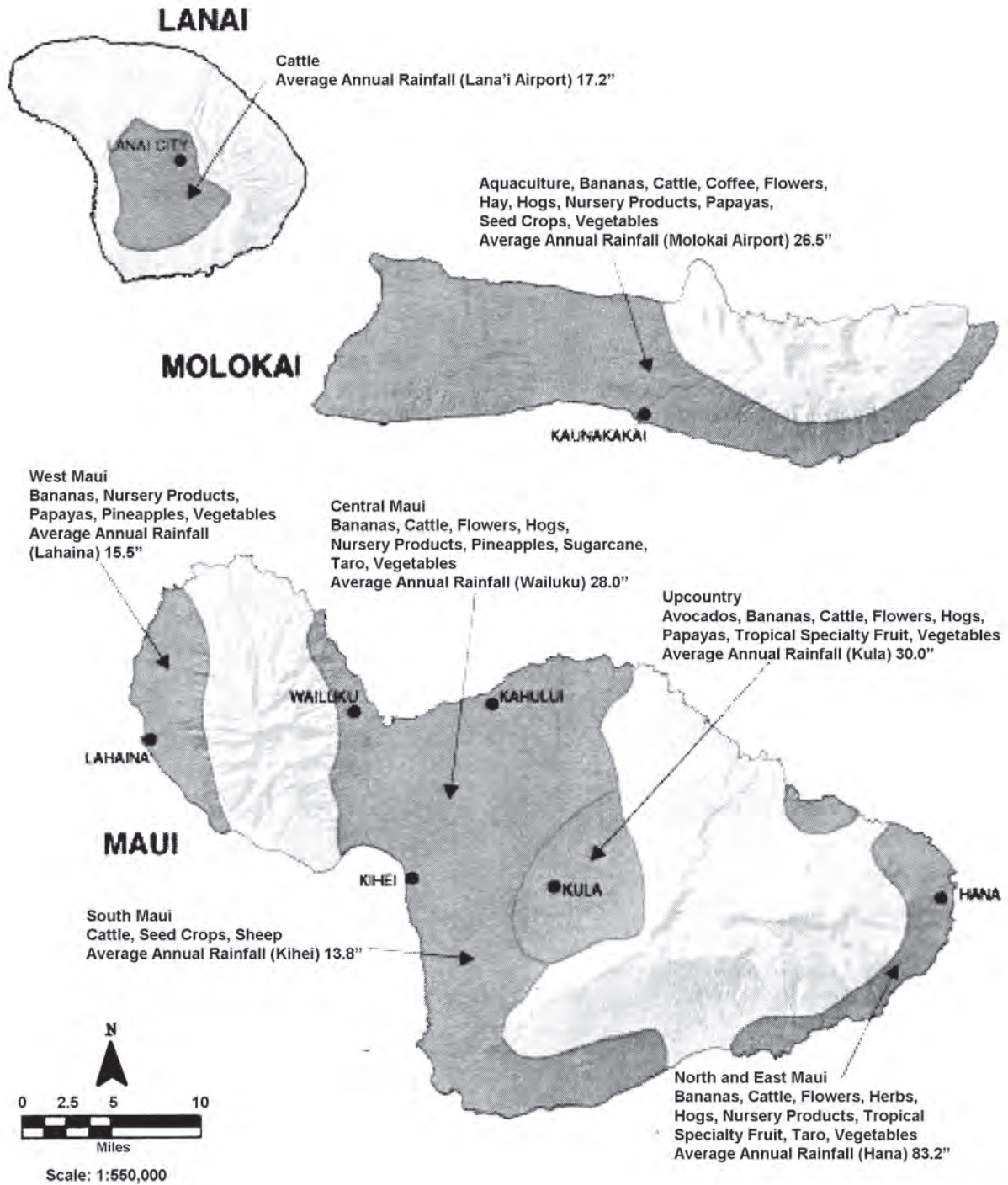
Agriculture remains an important element in Maui County's economy and land use patterns. Sugar and pineapple remain the largest crops, though the trend toward diversification of agriculture continues.

The pounds of fish landed State wide has generally been declining since 2000, although the pounds landed in Maui County were up in 2003 and 2004 there was again a downward trend in 2005 and 2006. Commercial aquaculture continues to grow in importance.

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

5.1.1

**AGRICULTURAL AREAS,  
MAUI COUNTY**



SOURCE: Hawai'i 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
<b>Farms</b>	<b>850</b>	<b>806</b>	<b>823</b>
<b>Land In Farms (acres)</b>	<b>355,786</b>	<b>292,090</b>	<b>256,690</b>
<b>Tenure of Operator</b>			
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
<b>Operator Characteristics</b>			
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 <sup>1</sup>			
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
<b>Operator Characteristics (cont.)</b>			
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
<b>Type of Organization</b>			
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.

<sup>1</sup> 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
<b>Farms</b>	850	806	823
<b>Land in Farms</b>	355,786	292,090	256,690
Average size of farm (acres)	419	362	312
Median size of farm (acres)	NA	6	NA
<b>Estimated Market Value of Land and Buildings<sup>1</sup></b>			
Average per farm	1,118,184	818,342	1,251,598
Average per acre	2,671	2,258	4,112
<b>Estimated Market Value of All Machinery and Equipment<sup>1</sup></b>			
Average per farm	117,143	88,989	58,849
<b>Farms by Size</b>			
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
<b>Total Cropland</b>			
Farms	733	684	649
Acres	D	D	28,404
<b>Harvested Cropland</b>			
Farms	666	605	649
Acres	39,031	32,243	28,404
<b>Irrigated Land</b>			
Farms	541	480	462
Acres	61,549	35,031	26,855
<b>Market Value of Agricultural Products Sold (\$1,000)</b>	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
<b>Average Market Value of Agricultural Products Sold per Farm (\$)</b>	193,844	159,287	151,289

<sup>1</sup> 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

	2001	2002	2003	2004	2005	2006
Number of Farms <sup>1</sup>	850	850	850	850	850	850
Farm Acreage (1,000) <sup>2</sup>	270	260	260	260	260	260
Farm Employment <sup>3</sup>						
Self-employed farm operators	500	500	*	*	*	*
Unpaid workers <sup>4</sup>	150	150	*	*	*	*
Hired workers	1,800	2,250	1,650	1,850	1,700	1,750

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

<sup>1</sup> Based on farm definition of \$1,000 or more of agricultural sales.

<sup>2</sup> Includes land not in crops and pasture, such as farm house lots, roads, woodlots, etc.

<sup>3</sup> Average of quarterly data.

<sup>4</sup> Includes family members and others working 15 or more hours per week.

SOURCE: Hawai'i Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2006 (annual)*.

## 5.1.5

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

	2002	2003	2004	2005	2006
<b>Number of Livestock Operations, December 31</b>					
Cattle <sup>1</sup>	170	140	160	160	160
Hogs	60	50	50	60	60
Milk	D	6	6	6	6
Eggs	D	20	20	20	20
Honey	D	D	D	D	D
<b>Value of Livestock Sales (\$1,000)</b>					
Cattle <sup>2</sup>	2,588	2,266	2,932	2,729	3,403
Hogs <sup>3</sup>	838	897	859	880	920
Milk	D	D	D	D	D
Eggs	D	D	D	D	D
Aquaculture	D	D	D	D	D
<b>Total livestock &amp; Aquaculture sales<sup>4</sup></b>	6,054	6,106	6,510	8,408 r	6,247

D: Withheld to avoid disclosure of individual operations.

r: Revised from previous Data Book

<sup>1</sup> Includes beef, dairy, and dairy replacement operations.

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

<sup>3</sup> Excludes interfarm sales; includes out-of-state sales of slaughter animals.

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

SOURCE: Hawai'i Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2006 (annual)*.

## 5.1.6

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

	2002	2003	2004	2005	2006
<b>Acreage in Crop (1,000 acres)</b>					
Sugarcane	36.7	36.7	34.8	33.0	34.9
Pineapples (land used for pineapple)	9.1	5.9	5.5	D	D
Vegetables and melons (harvested acreage) <sup>1</sup>	1.1	1.1	0.9	1.0	0.8
Fruits (excluding pineapples)	0.4	0.5	0.5	0.5	0.6
Coffee	D	D	D	D	D
Macadamia nuts	D	D	D	D	D
All other crops <sup>2</sup>	1.7 r	1.8	1.7r	2.2 r	2.5
<b>Number of Crop Farms</b>					
Sugar	1	1	1	1	1
Pineapples <sup>3</sup>	5	5	5	D	D
Vegetables and melons	100	95	107	107	106
Fruits (excluding pineapples)	204	285	260	258	250
Coffee	D	D	D	D	D
Macadamia nuts	D	D	D	D	D
Taro	25	25	25	20	20
Flowers and nursery products	155	160	180	185 r	195
<b>Value of Sales (\$1,000)</b>					
Sugar (unprocessed cane)	51,300	50,900	46,200	44,100	40,700
Pineapples (fresh equivalent)	29,624	30,441	27,977	D	D
Vegetables, ginger root, herbs, and melons	9,644	10,229	9,632	9,150	11,053
Fruits (excluding pineapples)	1,270	1,451	1,316	2,038 r	1,895
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 <sup>4</sup>	11,106	11,236	9,535	11,910 r	12,276
Total crops <sup>5</sup>	130,395	128,043	129,200	145,983 r	156,023

r: Revised from previous Data Book.

D: Withheld to avoid disclosure of individual operations.

<sup>1</sup> Includes ginger root.

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

<sup>3</sup> Includes specialty pineapple.

<sup>4</sup> Flowers, foliage and nursery products.

<sup>5</sup> Total crop values are actual. Sum of individual commodities may not add to total. Forage crops and Forest products combined and included in total crop value.

SOURCE: Hawai'i Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2006 (annual)*.

## 5.1.7

## SUGARCANE, MAUI ISLAND

	2002	2003	2004	2005	2006
<b>Number of farms<sup>1</sup></b>	1	1	1	1	1
<b>Acreage (1,000 acres)</b>					
In crop <sup>1</sup>	36.7	36.7	34.8	33.0	34.9
Harvested for sugar	16.5	15.7	16.9	16.6	16.9
<b>Yield per acre (tons)<sup>2</sup></b>					
Sugarcane	102.7	104.5	91.7	80.2r	78.3
Raw Sugar 96°	13.04	13.14	11.8	11.6	10.2
<b>Production of cane for sugar (1,000 tons)</b>	1,694	1,641	1,549	1,331r	1,323
<b>Farm price (dollars per ton)</b>	30.30	31.00	29.80	33.20	30.80
<b>Value of cane for sugar (\$1,000,000)<sup>3</sup></b>	51.3	50.9	46.2	44.2r	40.7
<b>Mill Production (1,000 tons)</b>					
Raw Sugar 96°	216	206	199	193	173
Molasses <sup>4</sup>	74	75	65	57	56
<b>Average returns received (dollars per ton)<sup>5</sup></b>					
Raw Sugar 96°	354	368	346	342	350
Molasses <sup>4</sup>	50.10	35.30	27.10	60.00	75.50
<b>Value of production (\$1,000,000)</b>					
Raw Sugar 96°	76.5	75.8	68.9	66.0	60.6
Molasses <sup>4</sup>	3.7	2.6	1.8	3.4	4.2
Total	80.2	78.4	70.7	69.4	64.8

<sup>1</sup> At end of year.

<sup>2</sup> Yield and farm price may not compute due to rounding.

<sup>3</sup> 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.

<sup>4</sup> Commercial.

<sup>5</sup> Derived from production and value. State and island prices may not compute exactly due to rounding.

SOURCE: Hawai'i Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2006 (annual)*.

## 5.1.8

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

Commodity	2001	2002	2003	2004	2005	2006
<b>HARVESTED ACREAGE<sup>1</sup></b>						
Beans, snap	55	55	65	45	45	50
Cabbage, head	170	170	165	175	200	140
Celery	25	25	20	10	D	D
Corn, sweet	D	D	D	D	D	D
Cucumbers	155	180	180	185	195	190
Lettuce	D	D	D	D	D	D
Onions, dry	150	130	145	125	125	110
Onions, green	D	D	D	D	D	D
Peppers, green	D	D	D	D	D	D
Romaine	55	30	35	30	35	20
Squash, Italian	60	75	85	75	90	65
Sweet potatoes	50	95	60	50	70	D
Tomatoes	D	D	D	D	D	D
Watermelon	D	D	D	D	D	D
Other Vegetables & Melons <sup>2</sup>	490	355	350	250	230	245
<b>Total Vegetables &amp; Melons</b>	<b>1210</b>	<b>1,115</b>	<b>1,105</b>	<b>945</b>	<b>990</b>	<b>820</b>
Taro (acreage in crop) <sup>3</sup>	100	100	100	75	75	80
<b>PRODUCTION (1,000 pounds)</b>						
Beans, snap	500	460	550	230	170	225
Cabbage, head	4,650	4,300	4,600	4,800	4,500	3,100
Celery	500	500	500	300	D	D
Corn, sweet	D	D	D	D	D	D
Cucumbers	2,490	2,560	2,850	3,300	2,780	3,600
Lettuce	D	D	D	D	D	D
Onions, dry	2,150	1,340	2,125	1,150	1,550	1,270
Onions, green	D	D	D	D	D	D
Peppers, green	D	D	D	D	D	D
Romaine	550	350	450	400	600	270
Squash, Italian	800	630	1,080	760	650	465
Sweet potatoes	380	650	660	600	580	D
Tomatoes	D	D	D	D	D	D
Watermelon	D	D	D	D	D	D
Other Vegetables & Melons <sup>2</sup>	6,405	5,005	3,335	2,580	2,825	5,257
<b>Total Vegetables &amp; Melons</b>	<b>18,425</b>	<b>15,795</b>	<b>16,150</b>	<b>14,120</b>	<b>13,655</b>	<b>14,187</b>
Taro (marketings) <sup>3</sup>	1,300	1,250	1,150 r	800	860 r	880

## 5.1.8

CONTINUED

Commodity	2001	2002	2003	2004	2005	2006
<b>VALUE (\$1,000)</b>						
Beans, snap	473	414	495	216	166	187
Cabbage, head	944	886	1,044	1,478	1,233	809
Celery	152	153	140	89	D	D
Corn, sweet	D	D	D	D	D	D
Cucumbers	1,068	1,080	1,206	1,690	1,290	1,775
Lettuce	D	D	D	D	D	D
Onions, dry	1,993	1,461	2,080	1,995	2,429	1,918
Onions, green	D	D	D	D	D	D
Peppers, green	D	D	D	D	D	D
Romaine	214	147	176	204	324	167
Squash, Italian	400	282	585	418	364	279
Sweet potatoes	228	332	336	330	377	D
Tomatoes	D	D	D	D	D	D
Watermelon	D	D	D	D	D	D
Other Vegetables & Melons <sup>2</sup>	3,570	4,098	3,295	2,477	2,207	5,025
<b>Total Vegetables &amp; Melons</b>	<b>9,042</b>	<b>8,853</b>	<b>9,357</b>	<b>8,897</b>	<b>8,390</b>	<b>10,160</b>
Taro <sup>3</sup>	691	690	605	441	511 r	570

D Not reported to avoid disclosure of individual operations.

r Revised from previous Data Book.

<sup>1</sup> For most vegetables and melons, cumulative acreage harvested (e.g., one acre planted and harvested three times during the year would equal three harvested acres). For lotus root, watercress and taro, average acreage in crop during the year.

<sup>2</sup> The total minus the items shown separately.

<sup>3</sup> Oahu combined with Maui and Molokai to avoid disclosure of individual operations.

SOURCE: Hawai'i Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2006* (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 (Acres)	Field Total (Acres)
<b>State Total</b>						
2003	865	2,540	27,465	16	3,185	3,890
2004	920	2,620	26,560	0	3,160	3,830
2005	955	2,095	27,015	0	3,320	3,988
2006	930	2,190r	25,410r	0	3,430r	4,064r
2007	935	2,160	25,050	0	3,450	4,075
<b>Maui/Moloka'i</b>						
2003	160	350	775	0	575	601
2004	180	285	750	0	530	554
2005	185	265	795	0	525	549
2006	190r	280r	735r	0	520r	544r
2007	180	250	595	0	590	610

r: Revised from previous Data Book

SOURCE: Hawai'i Agricultural Statistics Service, *Hawaii Flowers and Nursery Products (annual, 2007)*, *Statistics of Hawaiian Agriculture (annual)*.

### 5.1.10

## FLORICULTURE AND NURSERY PRODUCTS, BY COMMODITY, MAUI COUNTY

*Value of grower sales (\$1,000)*

Commodity	2003	2004	2005	2006	2007
Cut Flowers <sup>1</sup>	2,962	2,530	2838	2,785	3,047
Orchids <sup>2</sup>	1,629	918	991	992	982
Lei Flowers	1,114	880	1249	1,334r	1,282
Foliage <sup>3</sup>	365	450	482	413r	568
Potted Flowering Plants	1,044	1,274	1,621	1,265r	831
All Other Nursery Products <sup>4</sup>	3,902	3,268	4,419	4,579r	5,356
Unspecified Sales <sup>5</sup>	220	215	310	355r	350
Total	11,236	9,535	11910	11,823r	12,416

r: Revised from previous Data Book.

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

<sup>1</sup> Cut orchids included in "Orchids" category.

<sup>2</sup> Excludes orchids used for lei flowers.

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

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

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

SOURCE: Hawai'i Agricultural Statistics Service, *Hawaii Flowers and Nursery Products (annual, 2007)*, *Statistics of Hawaiian Agriculture (annual)*.



### 5.1.11

## FRUITS: VALUE OF SALES, MAUI COUNTY

1,000 dollars (Fresh weight basis)

	Pineapples	Other	Total
<b>Maui/Moloka'i/Lāna'i</b>			
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	30,547
2001	27,115	921	28,036
2002	29,624	1,270	30,894r
2003	30,441r	1,451	31,892r
2004	27,977	1,316r	29,450
2005	D	2,038	D
2006	D	1,895	D

D Not reported to avoid disclosure of individual operations.

r: Revised from previous Data Book.

SOURCE: Hawai'i Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2006* (annual).

### 5.1.12

## BANANAS, MAUI COUNTY

	1998	1999	2000	2001	2002
<b>Maui/Moloka'i/Lāna'i</b>					
Number of Farms	35	40	40	30	40
Acreage in crop	85	85	75	85	85
Acreage harvested	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: Hawai'i Agricultural Statistics Service, *Statistics of Hawaii Agriculture 2004* (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
Hawai'i	3,300	3,300	60	89	8,875	12,562	47	65
Honolulu	900	900	19	31	7,777	8,586	15	23
Kaua'i	500	500	16	24	2,103	5,949	6	20
<b>State</b>	<b>5,500</b>	<b>5,500</b>	<b>126</b>	<b>187</b>	<b>26,043</b>	<b>33,869</b>	<b>84</b>	<b>145</b>

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

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

## 5.1.15

## FARM INCOME AND EXPENSES, MAUI AND KALAWAO COUNTIES

(in \$1,000.00)

Income and Expenses	2002	2003	2004r	2005r	2006
<b>Cash receipts from marketings (\$000)</b>	125,438	125,651	129,846	135,877	128,205
Cash receipts: livestock and products	5,001	4,880	5,329	5,136	5,041
Cash receipts: crops	120,437	120,771	124,517	130,741	123,164
<b>Other income</b>	1,578	1,898	2,290	2,183	2,028
Government payments	402	344	424	721	494
Imputed and miscellaneous income received <sup>1</sup>	1,176	1,554	1,866	1,462	1,534
<b>Total production expenses</b>	117,380	121,028	126,948	131,011	131,924
Feed purchased	2,224	2,224	2,503	2,303	2,065
Livestock purchased	557	607	617	726	618
Seed purchased	3,177	3,202	3,178	3,414	3,401
Fertilizer and lime (incl. ag. chemicals 1978-fwd.)	11,225	12,099	12,779	14,157	14,456
Petroleum products purchased	4,958	5,959	6,960	9,207	9,819
Hired farm labor expenses <sup>2</sup>	52,193	52,208	58,189	55,665	54,517
All other production expenses <sup>3</sup>	43,046	44,729	42,722	45,539	47,048
<b>Value of inventory change</b>	477	163	(215)	566	(297)
Value of inventory change: livestock	(187)	300	(112)	388	(373)
Value of inventory change: crops	0	0	0	0	0
Value of inventory change: materials and supplies	664	(137)	(103)	178	76
<b>Total cash receipts and other income</b>	127,016	127,549	132,136	138,060	130,233
less: Total production expenses	117,380	121,028	126,948	131,011	131,924
<b>Realized net income</b>	9,636	6,521	5,188	7,049	(1,691)
plus: Value of inventory change	477	163	(215)	566	(297)
<b>Total net income including corporate farms</b>	10,113	6,684	4,973	7,615	(1,988)
less: Net income of corporate farms	8,060	2,773	3,340	6,460	(1,826)
plus: Statistical adjustment	0	0	0	0	0
<b>Total net farm proprietors' income</b>	2,053	3,911	1,633	1,155	(162)
plus: Farm wages and perquisites	53,009	49,834	61,145	59,356	61,760
plus: Farm supplements to wages and salaries	9,001	9,361	10,527	9,710	10,282
<b>Total farm labor and proprietors' income</b>	64,063	63,106	73,305	70,221	71,880

r: Revised from previous Data Book.

<sup>1</sup> Consists of the value of home consumption and other farm related income components, such as machine hire and custom work income and income from forest products (1978 to present).

<sup>2</sup> Consists of hired workers' cash pay and perquisites, employers' contributions for social security and medicare, and payments for contract labor, machine hire, and custom work.

<sup>3</sup> Consists of repair and operation of machinery; depreciation, interest, rent and taxes; and other miscellaneous expenses including agricultural chemicals (1969-77).

SOURCE: Regional Economic Information System, Bureau of Economic Analysis, U.S. Department of Commerce.

## 5.2.1

### SEA LANDINGS BY PORT OF LANDING

*Pounds landed in year ending June 30*

Port of Landing	2001	2002	2003	2004	2005	2006
Maui County	582,994	478,392	570,104	682,546	662,075	551,268
Maui	NA	437,866	531,966	631,456	601,291	504,031
Moloka'i	NA	27,490	16,931	27,417	38,007	28,815
Lāna'i	NA	13,036	21,207	23,673	22,777	18,422
O'ahu	16,913,820	16,906,835	19,642,889	18,171,533	20,609,869	19,950,443
Hawai'i	2,952,061	3,232,526	3,301,645	2,656,106	3,023,055	3,584,207
Kaua'i & Ni'ihau	718,876	536,714	655,153	598,823	581,068	575,628
<b>Total</b>	<b>21,167,751</b>	<b>21,154,467</b>	<b>24,169,791</b>	<b>22,109,008</b>	<b>24,876,067</b>	<b>24,661,546</b>

NA: Not available

SOURCE: State of Hawai'i, Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Marine Landings Summary Trend Report*, fiscal year reports.

## 5.2.2

### SEA LANDINGS BY AREA FISHED, MAUI COUNTY

*Pounds landed in year ending June 30*

Area Fished	2003	2004	2005	2006
Kawai (Moloka'i) Channel	88,482	64,471	53,551	51,462
Penguin Bank	99,370	96,100	114,401	82,877
Kealaikahiki Channel	38,700	52,567	54,645	39,698
'Alenuihāhā Channel	17,524	35,194	28,664	25,906
'Au'au, Kalohi & Pailolo Channels	27,512	27,281	29,753	18,390
'Alalākeiki Channel	68,789	58,483	68,394	52,208
Moloka'i	41,501	41,860	71,074	37,386
Lāna'i	70,949	76,396	123,190	83,636
Kaho'olawe	38,909	49,195	38,431	34,315
Mākena - Hāna	32,916	95,443	31,053	33,032
Hāna - Kahului	152,478	207,475	170,076	147,511
Honolua - Lahaina	5,075	6,498	3,911	2,300
Lahaina - Mākena	90,312	35,229	88,457	92,945

SOURCE: State of Hawai'i, Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Marine Landings Summary Trend Report*, fiscal year reports.

### 5.2.3

## SEA LANDINGS BY FISHING METHOD AND SPECIES GROUPS, STATE OF HAWAI'I

*Pounds landed in year ending June 30*

	2002	2003	2004	2005	2006
<b>Fishing Method</b>					
Aku Pole & Line	791,557	934,867	756,803	737,156	579,056
Longline	13,787,143	16,645,599	14,868,196	17,793,249	17,927,759
Deep Bottom Handline	523,462	589,494	493,413	585,510	487,444
Tuna Handline	2,377,744	1,972,716	1,606,830	1,712,098	1,701,082
Trolling	2,457,275	2,573,442	3,076,786	2,570,333	2,606,496
All Other	1,217,286	1,453,673	1,306,980	1,477,721	1,359,709
<b>Total</b>	<b>21,154,467</b>	<b>24,169,791</b>	<b>22,109,008</b>	<b>24,876,067</b>	<b>24,661,546</b>
<b>Species Group</b>					
Tunas	13,406,002	15,477,156	12,674,644	14,127,639	14,376,722
Bill & Swordfish	2,746,488	2,513,032	2,832,430	4,423,863	3,763,507
Misc. Pelagic	3,076,613	3,992,052	4,627,789	4,143,233	4,504,516
Deep Bottom	532,646	577,772	516,570	608,260	510,407
Akule/ <sup>h</sup> Opelu	752,753	961,577	877,423	923,669	843,622
Inshore	293,917	281,193	244,053	272,449	248,896
All Other	346,048	367,009	336,099	376,954	413,876
<b>Total</b>	<b>21,154,467</b>	<b>24,169,791</b>	<b>21,231,585</b>	<b>24,876,067</b>	<b>24,661,546</b>

r: Revised from previous Data Book.

SOURCE: State of Hawai'i, Department of Land and Natural Resources, Division of Aquatic Resources, *Commercial Marine Landings Summary Trend Report*, fiscal year reports.



## 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 45,000 tons of cargo and mail passing through Kahului Airport and just under 4,800,000 tons passing through Kahului Harbor, water transport remains the primary way goods reach Maui.

The transportation statistics are mostly taken from the Hawai'i State Department of Transportation.



### 6.1.1

## AVERAGE PAID CIRCULATION OF THE MAUI NEWS

For 24 month period ending March 31

Year	Monday-Thursday	Friday	Saturday	Sunday
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 <sup>1</sup>		26,525
2003		21,631 <sup>1</sup>		26,833
2004		22,032 <sup>1</sup>		26,931
2005		21,902 <sup>1</sup>		26,382
2006 <sup>2</sup>		21,668 <sup>1</sup>		26,547
2007		20,777 <sup>1</sup>		25,343

Note: 1994 to 1997 average year circulation calculated from quarterly averages. The Maui News started publishing a Saturday edition in 2001. <sup>1</sup> Monday through Saturday. <sup>2</sup> 2006 and previous years circulation numbers were for a 12 month period.

SOURCE: Audit Bureau of Circulations, Maui News Audit Report, 1990-1998 and Maui News records 2007.

### 6.1.2

## AVERAGE DISTRIBUTION OF OTHER NEWSPAPERS, MAUI COUNTY

Free Circulation		
Fil-Am Observer <sup>1</sup>	10,000	monthly
Filipino Summit <sup>2</sup>	10,000	monthly
Haleakalā Times	14,500	bi-weekly
Lahaina News	12,350	weekly
Maui Time Weekly	18,000	weekly
Maui Weekly	25,500	weekly
The Lāna'i Times	5,000	monthly
The Moloka'i Advertiser News	3,000	weekly
The Moloka'i Dispatch	5,270	weekly
Paid Circulation		
Honolulu Advertiser	5,330	daily
Honolulu Star Bulletin	NA	daily

NA: Not Available.

<sup>1</sup> Formerly Fil Am LIGHT News

<sup>2</sup> State Wide circulation.

SOURCE: Hawai'i Business Research Library, Phone Survey

### 6.1.3

## CABLE TELEVISION COMPANIES, SUBSCRIBERS AND REVENUES, BY COUNTY

	Maui	Hawai'i	Honolulu	Kaua'i	StateTotal
<b>Number of Companies<sup>1</sup></b>					
Dec. 31, 2002	3	3	1	2	1
Dec. 31, 2003	2	2	1	1	1
Dec. 31, 2004	2	2	1	1	1
Dec. 31, 2005	2	2	1	1	1
Dec. 31, 2006	2	2	1	1	1
Dec. 31, 2007	2	2	1	1	1
<b>Subscribers<sup>2</sup></b>					
Dec. 31, 2002	49,202	37,554	269,681	21,028	377,465
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
Dec. 31, 2005	51,626	38,955	282,225	21,378	394,184
Dec. 31, 2006	52,937	46,274	284,038	24,050	407,299
Dec. 31, 2007	54,637	47,959	285,811	23,550	411,957
<b>Basic Service Revenue (\$1,000)</b>					
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
2005	19,861	17,883	106,248	9,102	153,095
2006	20,997	19,181	111,308	9,842	161,329
2007	22,066	20,478	115,633	10,373	168,551

<sup>1</sup> State totals are unduplicated figures; one company provided service to three counties.

<sup>2</sup> Hawaiian Cablevision has redefined multiunit as expressed by Federal rules.

SOURCE: Hawai'i 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
<b>Commercial Stations</b>		
AM	31	4 <sup>1</sup>
FM	53	12
TV2	25	5
<b>Non-commercial Stations</b>		
AM	—	—
FM	11	1
TV2	2	1

<sup>1</sup> Excludes one commercial AM station with studio on O'ahu but transmitter on Moloka'i.

<sup>2</sup> 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

	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>107,449</b>	<b>145,548</b>	<b>128,416</b>	<b>145,322</b>	<b>136,979</b>	<b>151,542</b>	<b>152,301</b>
Gasoline	56,585	59,380	73,689	62,593	61,998	66,563	62,629
Diesel Oil, Non-Highway	25,580	36,566	5,044	16,255	8,470	14,229	12,560
Diesel Oil, Highway use	4,151	4,839	4,307	5,976	5,392	7,581	9,019
Liquid Petroleum Gas, Off Highway	590	167	137	394	2	0	0
Liquid Petroleum Gas, Highway use	16	19	17	15	21	13	7
Other Fuel			115	328	693	864	443
Aviation Fuel	20,525	44,561	45,109	59,762	60,403	62,292	67,643

SOURCE: Hawai'i State Department of Taxation, *Liquid Fuel Tax Base and Tax Collections*, Calendar Year (annual release), and records.

## 6.2.2

### ESTIMATED DAYTIME POPULATION AND EMPLOYMENT-RESIDENCE RATIOS, MAUI CDP

Place Name	Resident Population	Workers Working In	Workers Living In	Daytime Population	Percent Change	Percent of Workers Living In
Ha'ikū-Pa'uwela	6,578	1,139	3,071	4,646	-29.4	21.2
Kāanapali	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
Nāpili-Honokōwai	6,788	890	3,941	3,737	-44.9	11.8
Pukalani	7,380	1,119	3,812	4,687	-36.5	12.7
Waihe'e-Waiehū	7,310	238	3,392	4,156	-43.1	3.3
Wailea-Mākena	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

## MOTOR VEHICLE CRASHES BY TYPE AND TOWN, MAUI COUNTY CALENDAR YEAR 2007

Town	Major <sup>1</sup>	Minor <sup>2</sup>	Civil <sup>3</sup>	Non Traffic
Ha'ikū	55	71	13	3
Hāli'imaile	21	26	0	0
Hāna	20	95	7	2
Kaanapali	19	20	26	3
Kahana/Nāpili	16	17	10	0
Kahului	249	453	272	6
Kapalua	7	7	6	0
Kihei	249	267	110	8
Kula	50	63	10	2
Lahaina	134	179	50	1
Lāna'i	9	18	5	0
Makawao	35	73	15	3
Moloka'i	33	40	18	4
Pā'ia	36	46	20	2
Pukalani	14	23	17	1
Wailuku	110	206	63	9
Unknown	60	80	15	1
<b>TOTAL</b>	<b>1,117</b>	<b>1,684</b>	<b>657</b>	<b>45</b>

<sup>1</sup> Major Vehicle Crash: Resulting in injury or damages are estimated to exceed \$3,000.

<sup>2</sup> Minor Vehicle Crash: No injuries or and estimated damages of less than \$3,000.

<sup>3</sup> Crash occurred on private property.

SOURCE: County of Maui, Maui Police Department, records.

6.2.4

**GASOLINE AND DIESEL AVERAGE PRICES PER GALLON, MAUI COUNTY<sup>1</sup>**

Location	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08
<b>Regular unleaded gasoline</b>												
Ha'ikū	3.749	NA	NA	3.869	3.919	4.217	4.519	4.659	4.635	4.599	3.999	3.252
Hāna	NA	NA	NA	NA	NA	4.832	5.053	5.292	5.299	5.239	4.999	4.679
Kahului	3.838	3.843	3.851	3.916	4.061	4.247	4.544	4.638	4.624	4.553	4.158	3.409
Kaunakakai	4.126	4.139	4.139	4.199	4.405	4.547	4.810	5.057	5.155	5.103	4.947	4.438
Kīhei	3.832	3.849	3.863	3.953	4.078	4.282	4.510	4.633	4.611	4.537	4.183	3.435
Kula	3.818	3.839	3.842	3.965	4.018	4.278	4.502	4.652	4.614	4.516	3.772	3.376
Lahaina	3.854	3.867	3.868	3.933	4.063	4.273	4.533	4.658	4.631	4.550	4.188	3.457
Makawao	3.775	3.761	3.802	3.892	4.051	4.280	4.543	4.657	4.612	4.517	4.087	3.381
Pā'ia	3.860	3.875	3.887	3.944	4.078	4.316	4.548	4.658	4.628	4.552	4.180	3.457
Wailuku	3.866	3.874	3.880	3.944	4.078	4.301	4.552	4.639	4.627	4.556	4.185	3.434
<b>Diesel</b>												
Ha'ikū	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hāna	NA	5.449	NA	NA	NA	NA	NA	5.999	5.999	5.999	5.649	5.432
Kahului	3.961	3.992	3.999	4.193	4.422	4.741	5.191	5.476	5.262	5.135	5.001	4.655
Kaunakakai	4.129	4.129	4.129	4.269	4.574	4.933	5.352	5.418	5.403	5.339	4.895	4.280
Kīhei	4.149	4.146	4.167	4.304	4.527	4.950	5.399	5.500	5.445	5.246	5.105	4.800
Kula	NA	4.279	NA	4.329	4.629	4.950	5.139	5.252	5.107	4.870	4.562	4.002
Lahaina	3.818	3.827	3.833	4.057	4.438	4.840	5.259	5.434	5.437	5.302	5.108	4.830
Makawao	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pā'ia	NA	NA	NA	NA	4.839	4.839	4.894	5.309	5.169	4.999	4.949	4.067
Wailuku	4.033	3.981	3.953	4.171	4.455	4.820	5.343	5.446	5.414	5.264	5.097	4.902

<sup>1</sup>: 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 Mile
<b>Maui</b>		<b>Moloka'i</b>	
Wailuku-Kahului	2.3	Kaunakakai-Sheraton Hotel	19.5
Wailuku-Kahului Airport	4.2	Kaunakakai-Maunaloa	16.5
Wailuku-Hāna, via Ke'anae	53.2	Kaunakakai-Airport	8.0
Wailuku-Hāna, via Kaupō	59.8	Kaunakakai-Hālawa	27.6
Wailuku-Haleakalā summit	38.2	Airport-Sheraton Hotel	11.5
Wailuku-Mākena	17.9		
Wailuku-Lahaina, via Kahakuloa	38.0	<b>Lāna'i</b>	
Wailuku-Lahaina, via Olowalu	20.9	Lāna'i City-Lanai Airport	3.1
Kahului-Kihei	8.2	Lāna'i City-Hulopo'e	7.5
Lahaina-Wailea	32.4		
Lahaina-Nāpili	8.9		
Lahaina-Kā'anapali	3.7		

SOURCE: Hawai'i 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*

	2001	2002	2003	2004	2005	2006	2007
<b>Drivers Licenses in Force (as of December 31)</b>	<b>93,595</b>	<b>97,045</b>	<b>99,716</b>	<b>100,916</b>	<b>102,050</b>	<b>103,402</b>	<b>105,635</b>
<b>All Vehicles</b>	<b>139,546</b>	<b>141,511</b>	<b>148,716</b>	<b>156,880</b>	<b>164,386</b>	<b>163,696</b>	<b>164,537</b>
<b>Motor Vehicles</b>	<b>136,473</b>	<b>138,058</b>	<b>144,985</b>	<b>152,904</b>	<b>160,277</b>	<b>159,341</b>	<b>160,076</b>
Passenger vehicles <sup>1</sup>	105,879	106,384	112,205	118,915	125,169	122,990	122,823
Ambulances	12	12	14	12	11	12	14
Buses	308	291	288	268	272	246	206
Trucks <sup>1</sup>	27,868	28,696	29,516	30,569	31,495	32,493	33,217
Truck tractors	99	99	88	88	86	94	95
Truck cranes	62	62	61	60	56	76	84
Motorcycles <sup>2</sup>	2,245	2,514	2,810	2,992	3,188	3,430	3,637
Trailers and Semi-trailers	3,073	3,453	3,731	3,976	4,109	4,355	4,461

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

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

SOURCE: Hawai'i State Department of Transportation, Motor Vehicle Safety Office, records.

## 6.2.7

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

Island	Number of Bridges <sup>1</sup>	Longest Bridge		Highest Bridge	
		Location	Length (feet)	Location	Height (feet)
State	752	Airport Viaduct	14,890	Nanue	208
Hawai'i	135	Hakalau	775	Nanue	208
Maui	98	Honokahua	600	Uaoa	79
Lāna'i	-	None	-	None	-
Moloka'i	19	Manawainui	360	Manawainui	50
O'ahu	445	Airport Viaduct	14,890	Kīpapa	156
Kaua'i	55	Hanamā'ulu	1,150	Wahiawā, Koloa	90

<sup>1</sup> Limited to bridges under State jurisdiction and longer than 20 feet

SOURCE: Hawai'i State Department of Transportation, Highways Division, records.

## 6.2.8

### LENGTH OF STREETS AND HIGHWAYS, PAVED AND UNPAVED BY ISLAND, DECEMBER 31, 2006

Island	Total mileage	Paved		Unpaved
		Freeways	Other	
State total	4,342.06	88.53	4,081.12	172.41
Hawai'i	1,474.19	-	1,414.89	59.30
Maui	635.21	-	578.51	56.70
Lāna'i	47.48	-	33.48	14.00
Moloka'i	135.77	-	123.77	12.00
O'ahu	1,632.43	88.53	1,535.98	7.92
Kaua'i	416.98	-	394.49	22.49
Nīihau	-	-	-	-

SOURCE: Hawai'i State Department of Transportation, Highways Division, records.

## 6.2.9

## MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES

Year	HIGHWAY FUEL CONSUMPTION <sup>1</sup>		VEHICLE MILES OF TRAVEL	
	Total (1,000 gallons)	Gallons per Vehicle <sup>2</sup>	Total (millions)	Per Vehicle <sup>2</sup>
<b>State of Hawai'i</b>				
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
2005	505,418	459	10,129.1	9,191
2006	531,505	478	10,226.3	9,206
<b>Maui County</b>				
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
2005	69,270	531	1,426.0	10,932
2006	72,311	537	1,439.5	10,694

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

<sup>2</sup> 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: Hawai'i State Department of Transportation, Highways Division, Planning Branch, records.



6.2.10

**VEHICLE REGISTRATION, BY TAXATION STATUS,  
FOR COUNTIES 2007**

Taxation Status	State Total	City and County of Honolulu	County of Hawai'i	County of Kaua'i	County of Maui
<b>Total registered</b>	<b>1,107,564</b>	<b>704,611</b>	<b>172,621</b>	<b>73,893</b>	<b>156,439</b>
Taxable vehicles	1,034,849	635,659	171,108	73,120	154,962
Exempt vehicles	72,715	68,952	1,513	773	1,477
Federal government	406	396	8	-	2
State government	5,741	5,736	3	-	2
County government	6,885	4,271	889	522	1,203
Fire department	268	68	121	42	37
Police department	1,666	1,305	356	1	4
Consulates	58	57	1	-	-
Disabled veterans	87	48	8	27	4
Military non-resident	57,178	56,874	60	169	75
Farm	210	45	40	3	122
Horseless carriage	53	46	6	1	-
Electric vehicles	163	106	21	8	28

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

SOURCE: Hawai'i State Department of Transportation, Motor Vehicle Safety Office, records.

6.2.11

**DRIVERS INVOLVED IN FATAL CRASHES AND BLOOD  
ALCOHOL CONCENTRATION (BAC) OF THE DRIVER: 2005**

County	All drivers	No alcohol BAC = 0.00		Any alcohol BAC = 0.01 +		BAC = 0.01 - 0.07		BAC = 0.08 +	
		Number	%	Number	%	Number	%	Number	%
Hawai'i	50	30	61	20	39	2	5	17	34
Honolulu	107	73	68	34	32	5	5	29	27
Kaua'i	18	12	64	7	36	1	7	5	29
Maui	28	16	59	12	41	5	18	7	23
<b>State total</b>	<b>203</b>	<b>131</b>	<b>65</b>	<b>72</b>	<b>35</b>	<b>14</b>	<b>7</b>	<b>58</b>	<b>28</b>

SOURCE: U.S. Department of Transportation, National Highway Traffic Safety Administration (NHTSA), National Center for Statistics & Analysis (NCSA), Fatality Analysis Reporting System.

## 6.2.12

## TRAFFIC ACCIDENTS, TRAFFIC INJURIES, AND TRAFFIC DEATHS, BY COUNTY

County	2002	2003	2004	2005	2006
<b>Major Traffic Accidents<sup>1</sup></b>					
Honolulu	6,761	7,025	6,935	6,824	6,371
Hawai'i	2,256	22,180	2,517	2,168r	1,586
Kaua'i	637	7678	730	649	553
Maui	1,009	1,145	825	950r	924
<b>Fatal Accidents</b>					
Honolulu	67	65	65	73	81
Hawai'i	27	32	33	32	34
Kaua'i	5	5	9	9	10
Maui	17	15	21	15	19
<b>Persons Injured</b>					
Honolulu	5,426	5,460	5,347	5,294r	4,909
Hawai'i	1,844	1,661	1,950	1,790r	1,357
Kaua'i	524	558	509	397r	442
Maui	1,156	1,249	1,021	1,067r	1,040
<b>Persons Killed</b>					
Honolulu	67	79	70	76	90
Hawai'i	28	30	41	39	34
Kaua'i	5	5	10	10	14
Maui	20	16	21	15	19

NA Not available.

r: Revised from previous Data Book.

<sup>1</sup> 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: Hawai'i State Department of Transportation, Highways Division, Traffic Safety Section, records.

6.2.13

**ESTIMATED SCHEDULED AIRLINE SEAT  
CAPACITY FOR ARRIVING FLIGHTS**

*(Non-stop flights only, does not include charter flights)*

<b>Airport</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>State of Hawai'i</b>	10,023,606	10,360,886	10,198,556
Honolulu International	7,229,731	7,285,179	7,329,370
Kahului	1,852,814	1,954,782	1,875,590
Kona International	604,930	661,932	576,334
Hilo International	(NA)	42,175	49,875
Lihu'e	336,131	416,818	367,387
<b>Domestic</b>	7,172,245	7,566,024	7,407,930
<b>International</b>	2,851,361	2,794,862	2,790,626

SOURCE: Official Airline Guide, *FlightDisk Worldwide Edition*. Calculations by the Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch

## 6.2.14

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

2007	Kahului	Honolulu International	Kona International (Keāhole)	Līhu'e	Hilo International	Moloka'i
All Movements	148,034	310,607	144,537	116,461	96,011	37,615
Air Carrier	52,172	182,185	32,359	25,652	16,393	-
Air Taxi	72,935	65,744	19,635	55,705	52,935	26,821
General Aviation	20,237	49,207	75,767	30,342	19,378	9,407
Military	2,690	13,471	16,776	4,762	7,305	1,387

SOURCE: Hawai'i State Department of Transportation, Airports Division, Airport Activity Statistics, Calendar Year 2007.

## 6.2.15

### AIRCRAFT OPERATIONS BY TYPE OF AIRCRAFT, KAHULUI AND MOLOKAI AIRPORTS

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Kahului Airport</b>								
All Movements	174,855	160,324	157,868	151,558	160,552	168,449	164,992	148,034
Air Carrier	63,799	55,937	51,275	47,295	50,729	59,210	67,676	52,172
Air Taxi	77,779	69,635	77,357	76,261	80,563	77,844	70,272	72,938
General Aviation	29,983	31,816	25,218	24,169	25,543	27,326	24,468	20,237
Military	3,294	2,936	4,018	3,833	3,717	4,069	2,576	2,690
<b>Molokai Airport</b>								
All Movements	44,691	43,806	43,065	40,944	36,757	39,364	39,685	37,615
Air Carrier	1,484	1,138	964	656	424	0	181	0
Air Taxi	27,385	26,890	27,213	27,116	24,321	26,349	27,488	26,821
General Aviation	11,869	12,532	11,931	11,450	10,702	10,977	10,137	9,407
Military	3,953	3,246	2,957	1,722	1,310	2,038	1,879	1,387

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: Hawai'i State Department of Transportation, Airports Division, Airport Activity Statistics, Calendar Year 2007.

6.2.16

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

Airport	2004		2005		2006		2007	
	En-planned	De-planned	En-planned	De-planned	En-planned	De-planned	En-planned	De-planned
<b>Passengers</b>								
OGG								
interisl.	1,360,401	1,359,462	1,388,108	1,372,828	1,490,963	1,468,422	1,644,999	1,636,703
OGG								
overseas	1,399,326	1,385,655	1,561,924	1,570,159	1,350,369	1,381,122	1,597,194	1,635,918
MKK	95,113	96,924	97,199	99,643	108,257	110,938	114,999	119,400
LNy	49,310	49,329	49,328	49,794	53,945	54,393	63,803	63,843
JHM	50,053	52,528	53,842	56,836	61,032	64,004	51,177	53,883
HNM	3,553	3,342	4,117	3,485	4,307	4,341	2,619	2,652
LUP	5,736	5,028	6,697	9,139	6,249	5,760	3,695	4,088
<b>Cargo (U.S. Tons)</b>								
OGG								
interisl.	5,833	16,688	4,653	14,702	4,543	13,412	4,267	13,412
OGG								
overseas	7,138	7,718	8,003	6,672	4,924	7,682	5,157	9,531
MKK	380	758	333	798	333	785	329	804
LNy	50	741	117	826	74	735	84	771
JHM	213	367	269	612	259	654	253	617
HNM	12	40	8	31	7	15	6	4
LUP	14	218	11	202	14	169	12	146
<b>Mail (U.S. Tons)</b>								
OGG								
interisl.	1,459	8,489	1,513	8,748	860	7,733	875	7,172
OGG								
overseas	710	69	706	6	1,111	4,036	678	4,544
MKK	54	14	85	0	60	216	85	270
LNy	203	87	294	108	81	128	19	134
JHM	0	0	0	0	-	2	30	82
HNM	0	0	169	0	-	-	-	-
LUP	5	11	6	20	7	20	5	15

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	Moloka'i	HNM	Hāna
LNy	Lāna'i	LUP	Kalaupapa

SOURCE: Hawai'i State Department of Transportation, Airports Division, Airport Activity Statistics, Calendar Year 2007.

6.2.17

**PRIVATE PASSENGER AIRCRAFT AND CORPORATE JET LANDINGS,  
KAHULUI AIRPORT FY 06-07**

MLW (pounds)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
other	1	0	0	0	0	1	0	1	2	0	0	0	5
<10,000	0	0	0	0	0	0	0	0	1	0	0	0	1
10,000 - 20,000	0	1	1	0	0	2	1	3	6	17	2	0	33
20,000 - 30,000	1	1	0	1	1	0	2	2	2	1	0	1	12
30,000 - 40,000	21	31	13	13	30	48	50	33	48	44	22	16	369
40,000 - 50,000	14	10	3	6	3	15	14	10	14	12	6	4	111
50,000 - 75,000	20	28	16	11	17	44	28	14	28	31	12	19	268
75,000 - 100,000	22	18	10	7	10	17	14	11	16	13	6	10	154
>100,000	2	4	0	2	3	2	0	0	5	0	0	2	20
<b>Total</b>	<b>81</b>	<b>93</b>	<b>43</b>	<b>40</b>	<b>64</b>	<b>129</b>	<b>109</b>	<b>74</b>	<b>122</b>	<b>118</b>	<b>48</b>	<b>52</b>	<b>973</b>

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.

## 6.2.18

### VESSEL ARRIVALS FOR KAHULUI HARBOR

*Excludes domestic fishing craft*

	1999	2000	2001	2002	2003	2004	2005	2006
<b>Total Inbound Vessels</b>	<b>1,442</b>	<b>1,453</b>	<b>1,595</b>	<b>1,548</b>	<b>1,499</b>	<b>1,417</b>	<b>1,390</b>	<b>1,426</b>
<b>By Type of Vessel</b>								
Self propelled vessels								
Passenger and dry cargo	55	54	69	59	75	120	137	203
Tanker	2	0	2	2	6	2	0	3
Towboat or tugboat	614	665	375	718	695	816	682	655
Non-self propelled vessels								
Dry cargo	656	624	744	663	593	400	458	461
Tanker	115	110	105	106	130	79	113	104
<b>By Draft</b>								
18 feet and less	1,160	1,198	1,305	1,279	1,289	1,292	1,255	1,143
19 feet and more	282	255	220	203	131	125	135	283

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 Hawai'i*, calendar years 1999-2006.

## 6.2.19

### FREIGHT TRAFFIC FOR KAHULUI HARBOR

	Freight Traffic (In thousand short tons)
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
2004	3,901
2005	4,132
2006	4,794

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 Hawai'i*, calendar years 1991-2006.

## 6.2.20

## KAHULUI HARBOR FREIGHT TRAFFIC BY COMMODITY

*In thousands of tons*

2006 Commodity	Grand Total	Foreign Inbound	Coastwise Receipts	Coastwise Shipments
<b>Total, All Commodities</b>	<b>4,794</b>	<b>72</b>	<b>2,862</b>	<b>1,859</b>
<b>Total Coal</b>	<b>45</b>	<b>45</b>	---	---
1100 Coal & lignite	45	45	---	---
<b>Total Petroleum and Petroleum Products</b>	<b>538</b>	<b>5</b>	<b>533</b>	---
2211 Gasoline	234	---	234	---
2330 Distillate fuel oil	210	---	210	---
2340 Residual fuel oil	73	---	73	---
2350 Lube oil & greases	1	---	1	---
2429 Naphtha & solvents	4	---	4	---
2640 hHydrocarbon & petrol gases, liquefied and gaseous	15	5	10	---
2990 Petro. products nec	0	---	0	---
<b>Total Chemicals and Related Products</b>	<b>29</b>	---	<b>28</b>	<b>0</b>
3190 Fert. & mixes nec	25	---	25	0
3220 Alcohols	2	---	2	---
3282 Pigments & paints	0	---	0	0
3285 Perfumes & cleansers	0	---	0	0
3291 Pesticides	0	---	0	---
3299 Chem. products nec	1	---	1	---
<b>Total Crude Materials, Inedible Except Fuels</b>	<b>94</b>	<b>14</b>	<b>52</b>	<b>29</b>
4189 Lumber	60	---	51	9
4190 Forest products nec	0	---	0	---
4225 Pulp & waste paper	0	---	---	0
4331 Sand & gravel	14	14	---	---
4338 Soil & fill dirt	0	---	0	---
4420 Iron & steel scrap	20	---	---	20
<b>Total Primary Manufactured Goods</b>	<b>2,969</b>	<b>3</b>	<b>1,563</b>	<b>1,402</b>
5190 Paper products nec	7	---	6	1
5220 Cement & concrete	88	---	88	---
5240 Glass & glass prod.	0	---	0	0
5290 Misc. mineral prod.	12	---	12	---
5360 I&S bars & shapes	2	---	2	---
5370 I&S pipe & tube	4	---	4	0
5429 Smelted prod. nec	3	3	---	---
5480 Fab. metal products	2,852	0	1,451	1,401



6.2.20

CONTINUED

2006 Commodity	Grand Total	Foreign Inbound	Coastwise Receipts	Coastwise Shipments
<b>Total Food and Farm Products</b>	<b>444</b>	<b>--</b>	<b>226</b>	<b>218</b>
6442 Rice	2	---	2	---
6654 Vegetables & prod.	33	---	12	21
6747 Grain mill products	1	---	1	0
6781 Hay & fodder	1	---	1	---
6782 Animal feed, prep.	5	---	5	---
6811 Meat, fresh, frozen	5	---	5	0
6839 Animals & prod. nec	10	---	3	8
6857 Fruit & nuts nec	6	---	---	6
6858 Fruit juices	35	---	---	35
6861 Sugar	82	---	---	82
6865 Molasses	43	---	---	43
6871 Coffee	0	---	0	---
6885 Alcoholic beverages	22	---	22	0
6889 Food products nec	197	---	173	24
6899 Farm products nec	4	---	4	---
<b>Total All Manufactured Equipment, Machinery and Products</b>	<b>671</b>	<b>2</b>	<b>460</b>	<b>209</b>
7110 Machinery (not elec)	7	0	5	2
7120 Electrical machinery	3	2	1	1
7210 Vehicles & parts	282	---	184	98
7220 Aircraft & parts	0	---	---	0
7230 Ships & boats	0	---	0	0
7300 Ordnance & access.	0	---	0	---
7400 Manufac. wood prod.	43	---	36	7
7500 Textile products	0	---	0	---
7600 Rubber & plastic pr.	1	---	0	1
7900 Manufac. prod. nec	334	---	234	100
<b>Total Waste and Scrap nec</b>		<b>1</b>	<b>--</b>	<b>--1</b>
8900 Waste and scrap nec	1	---	---	1
<b>Total Unknown or Not Elsewhere Classified</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>
9900 Unknown or nec	3	3	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 Hawai'i, Alaska to Hawai'i). 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 Hawai'i*, calendar year 2006.

## 6.2.21

## KAHULUI HARBOR, PIER UTILIZATION FY 2005-06

Vessell Type	Number of Unique Vessels	Number of Visits	Total Vessel Hours in Port	Avg.Hours Per Visit
<b>Pier One</b>				
Cruise/Passenger Ship	6	111	3,762	33.89
Fuel	5	44	666	15.14
Tug	12	233	2,753	11.82
Roll On Roll Off	4	108	877	8.12
Other Cargo	8	8	237	29.63
Bulk	6	36	804	22.33
Container	1	85	1,096	12.89
Government	0	0	0	0.00
<b>Pier Two</b>				
Cruise/Passenger Ship	0	0	0	0.00
Fuel	5	24	239	9.96
Tug	17	389	12,241	31.47
Roll On Roll Off	0	0	0	0.00
Other Cargo	0	0	0	0.00
Bulk	2	50	381	7.62
Container	10	257	2,996	11.66
Government	8	11	335	30.45
<b>Pier Three</b>				
Cruise/Passenger Ship	0	0	0	0.00
Fuel	6	110	1,545	14.05
Tug	20	195	2,532	12.98
Roll On Roll Off	1	3	38	12.67
Other Cargo	0	0	0	0.00
Bulk	2	73	993	13.60
Container	3	11	711	64.64
Government	1	1	2	2.00

## Notes:

1. Three Home Ported Tugs included in above figures account for:

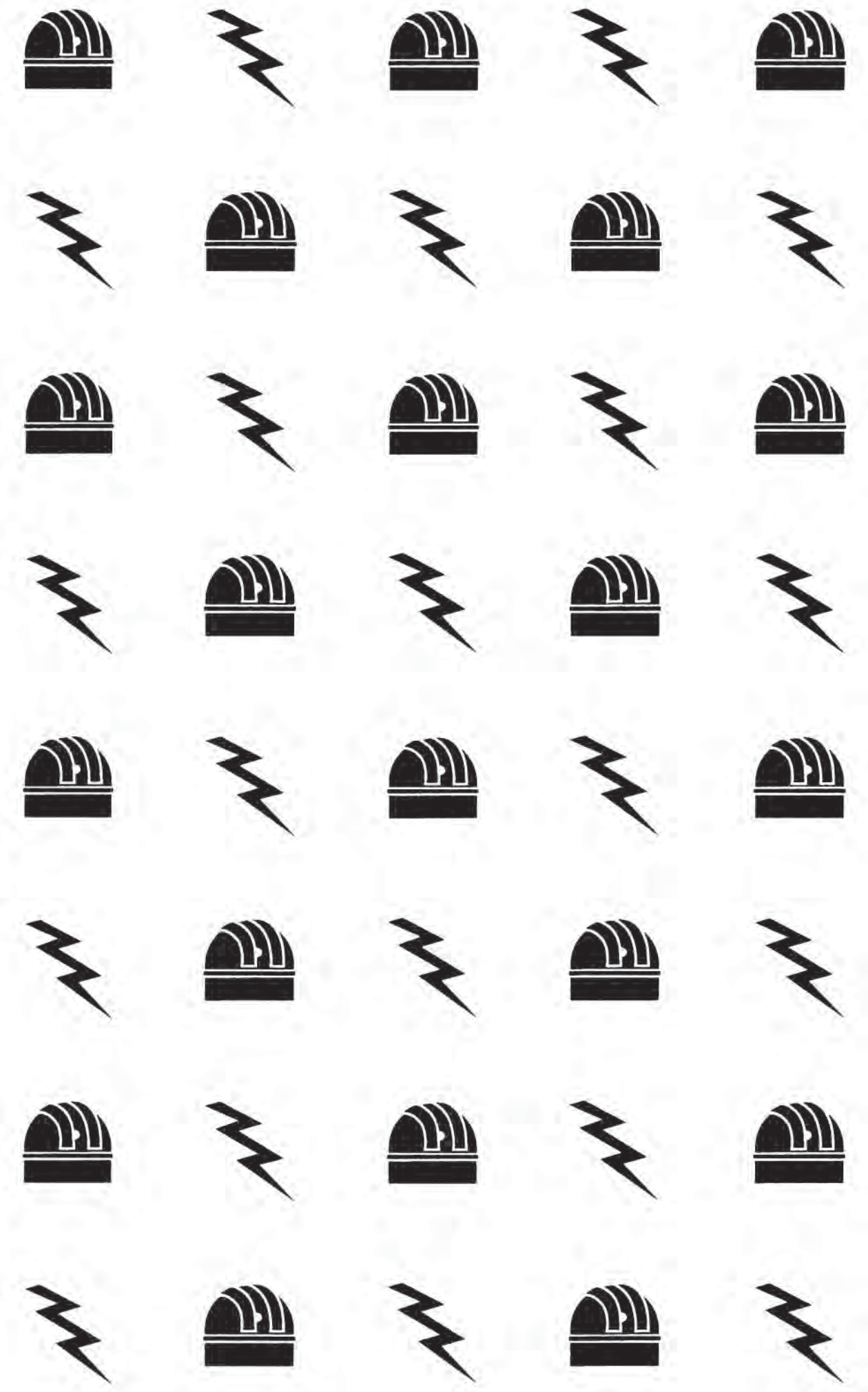
38 Visits  
14,763 Hours in Port  
388.5 Avg. Hours per visit

2. Pilot Boat not included in above figures

12 Visits  
8,697 Hours in Port  
724.8 Average Hours pr visit

SOURCE: State of Hawai'i, Department of Transportation, Harbors Division, Maui District, records.

# Energy & Science



## 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 2008. Ongoing scientific endeavors include observation of astronomical and man-made space objects from the summit of Mt. Haleakalā.

## 7.1.1

## TELESCOPES AT THE SUMMITS OF MAUNA KE‘A AND HALEAKALĀ: 2003

Facility (mirror diameter in meters)	Capital cost <sup>1</sup> (\$mil)	Annual operating cost (\$mil)	County based staff	Operational
<b>Mauna Ke‘a observatories:</b>				
UH 0.6-m (Optical)	0.3	- <sup>2</sup>	- <sup>2</sup>	1968
UH 2.2-m (Optical/Infrared)	5	1.3	8	1970
Canada-France-Hawai‘i 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 Ke‘a Observatories Support Services	(X)	2.4 <sup>3</sup>	28	(X)
<b>Total</b>	<b>611</b>	<b>61.6</b>	<b>476</b>	
<b>Haleakalā observatories:</b>				
Mees Solar Observatory	0.5	0.1	2	1968
Lunar Ranging Facility	3.3	0.7	7	1976/84
Haleakalā Observatories Projects	(NA)	0.5	4	1979
Maui Space Surveillance Site (MSSS) <sup>4</sup>	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 <sup>5</sup>	5.0	0.25	1	2000
Faulkes 2-m Telescope <sup>6</sup>	5.0	(NA)	(NA)	2003
Haleakalā Support Facilities	(X)	0.13	6	(NA)
<b>Total</b>	<b>263.8</b>	<b>32.68</b>	<b>195</b>	

NA Not available.

X Not applicable.

<sup>1</sup> Historical cost, not adjusted for inflation.

<sup>2</sup> Combined budget and staffing with UH 2.2-m telescope.

<sup>3</sup> Not included in the total since derived from facility operating costs.

<sup>4</sup> Formerly Air Force Maui Optical Station (AMOS).

<sup>5</sup> MAGNUM = Multicolor Active Galactic Nuclei Monitoring.

<sup>6</sup> Under construction.

SOURCE: University of Hawai‘i at Mānoa, Institute for Astronomy, records.

## 7.1.2

## ELECTRIC UTILITIES, MAUI COUNTY

	2003	2004	2005	2006	2007
<b>CUSTOMERS, DEC. 31</b>					
<i>Total</i>					
Maui Island	56,880	57,430	59,248	60,218	61,485
Moloka'i	3,017	3,018	3,085	3,099	3,141
Lāna'i	1,526	1,548	1,568	1,620	1,697
<b>Maui County</b>	<b>61,423</b>	<b>61,996</b>	<b>63,901</b>	<b>64,937</b>	<b>66,323</b>
<i>Residential'</i>					
Maui Island	48,327	48,753	50,281	50,922	52,066
Moloka'i	2,464	2,472	2,504	2,531	na
Lāna'i	1,319	1,334	1,350	1,381	1,431
<b>Maui County</b>	<b>52,110</b>	<b>52,559</b>	<b>54,135</b>	<b>54,834</b>	<b>na</b>
<i>Other</i>					
Maui Island	8,553	8,677	8,967	9,296	9,419
Moloka'i	553	546	581	568	562
Lāna'i	207	214	218	239	266
<b>Maui County</b>	<b>9,313</b>	<b>9,437</b>	<b>9,766</b>	<b>10,103</b>	<b>10,247</b>
<b>GENERATING AND FIRM PURCHASED CAPABILITY, DEC. 31 (MW)</b>					
Maui Island	245.2	245.2	232.8	248.0	260.3
Moloka'i	11.8	11.8	11.8	11.8	11.8
Lāna'i	10.3	10.3	10.3	10.3	9.3
<b>Maui County</b>	<b>267.3</b>	<b>267.3</b>	<b>254.9</b>	<b>270.1</b>	<b>281.4</b>
<b>PEAK DEMAND (MW)<sup>2</sup></b>					
Maui Island	197.7	206.5	202.1	206.4	204.4
Moloka'i	6.5	6.7	6.3	6.2	6.3
Lāna'i	5.0	4.8	5.1	5.5	5.4
<b>POWER SOLD (1,000 kWh)</b>					
<i>Total</i>					
Maui Island	1,142,689	1,184,554	1,188,253	1,202,503	1,213,611
Moloka'i	35,894	35,344	35,918	35,273	35,756
Lāna'i	28,136	27,802	27,942	28,691	30,736
<b>Maui County</b>	<b>1,206,719</b>	<b>1,247,700</b>	<b>1,252,113</b>	<b>1,266,467</b>	<b>1,280,103</b>
<i>Residential</i>					
Maui Island	398,949	419,276	421,130	424,628	428,414
Moloka'i	13,048	13,413	13,012	12,717	12,697
Lāna'i	7,515	7,688	7,865	8,088	8,465
<b>Maui County</b>	<b>419,512</b>	<b>440,377</b>	<b>442,007</b>	<b>445,433</b>	<b>449,576</b>
<i>Other</i>					
Maui Island	743,741	765,268	767,123	777,875	785,197
Moloka'i	22,846	21,931	22,906	22,556	23,059
Lāna'i	20,621	20,114	20,077	20,603	22,271
<b>Maui County</b>	<b>787,208</b>	<b>807,313</b>	<b>810,106</b>	<b>821,034</b>	<b>830,527</b>

## 7.1.2

CONTINUED

	2003	2004	2005	2006	2007
<b>AVERAGE ANNUAL USE (kWh)<sup>3</sup></b>					
<i>Residential</i>					
Maui Island	8,255	8,600	8,376	8,339	8,228
Moloka'i	5,296	5,426	5,196	5,024	4,923
Lāna'i	5,697	5,763	5,826	5,857	5,915
<b>Maui County</b>	<b>8,050</b>	<b>n/a</b>	<b>n/a</b>		<b>na</b>
<i>Other</i>					
Maui Island	86,957	88,195	85,550	83,678	83,363
Moloka'i	41,312	40,166	39,425	39,711	41,030
Lāna'i	99,619	93,990	92,096	86,205	83,726
<b>Maui County</b>	<b>84,528</b>	<b>n/a</b>	<b>n/a</b>		<b>na</b>
<b>AVERAGE RATE (dollars per kWh)</b>					
<i>Residential</i>					
Maui Island	0.18289	0.20817	0.24687	0.27784	0.28056
Moloka'i	0.22953	0.25741	0.30111	0.33955	0.34197
Lāna'i	0.23460	0.25149	0.30019	0.32505	0.32782
<b>Maui County</b>	<b>0.18527</b>	<b>n/a</b>	<b>n/a</b>		<b>na</b>
<i>Other</i>					
Maui Island	0.16954	0.19296	0.23321	0.26349	0.26337
Moloka'i	0.22509	0.25543	0.29621	0.33543	0.33497
Lāna'i	0.23516	0.23959	0.29003	0.31364	0.32809
<b>Maui County</b>	<b>0.17287</b>	<b>n/a</b>	<b>n/a</b>		<b>na</b>
<b>Revenues (\$1,000)</b>					
<i>Total</i>					
Maui Island	199,057	234,943	282,868	322,941	326,991
Moloka'i	8,137	9,054	10,703	11,884	12,066
Lāna'i	6,612	6,752	8,184	9,091	10,081
<b>Maui County</b>	<b>213,806</b>	<b>250,749</b>	<b>301,755</b>	<b>343,916</b>	<b>349,138</b>
<i>Residential</i>					
Maui Island	72,964	87,281	103,964	117,980	120,197
Moloka'i	2,995	3,453	3,918	4,318	4,342
Lāna'i	1,763	1,933	2,361	2,629	2,775
<b>Maui County</b>	<b>77,721</b>	<b>92,667</b>	<b>110,243</b>	<b>124,927</b>	<b>127,314</b>
<i>Other</i>					
Maui Island	126,093	147,662	178,904	204,961	206,794
Moloka'i	5,142	5,602	6,785	7,566	7,724
Lāna'i	4,849	4,819	5,823	6,462	7,307
<b>Maui County</b>	<b>136,085</b>	<b>158,083</b>	<b>191,512</b>	<b>218,989</b>	<b>221,825Ex se</b>

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> Based on number of customers at end of year. n/a Not Available.

MW: Megawatts kWh: Kilo-watt-hour.

SOURCE: Hawai'i 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, 2003-2007.

### 7.1.3

## GAS UTILITIES, MAUI COUNTY

*Excludes bottled gas*

	2002	2003	2004	2005	2006	2007
<b>Island of Maui</b>						
<b>Customers (December 31)</b>						
Residential <sup>1</sup>	325	321	317	321	319	341
Other	75	76	74	76	77	77
Total	400	397	391	397	396	418
<b>Gas Sold (1,000 therms)</b>						
Residential	68	69	69	74	76	83
Other	771	766	782	755	726	724
Total	839	836	850	829	802	807
<b>Average Annual Use (therms)</b>						
Residential	210	216	217	231	238	243
Other	10,281	10,081	10,561	9,934	9,429	9,403
<b>Average Rate (\$ per therm)<sup>2</sup></b>						
Residential	2.71343	2.82044	2.91367	3.14865	3.34211	3.49398
Other	1.36960	1.51092	1.59858	1.87550	2.05510	2.25138
<b>Revenues (\$1,000)</b>						
Residential	185	196	201	233	254	290
Other	1,056	1,158	1,249	1,416	1,492	1,630
Total	1,241	1,353	1,450	1,649	1,746	1,920
<b>Island of Moloka'i<sup>3</sup></b>						
<b>Customers (December 31)</b>						
Total/Residential	80	72	73	78	81	80
<b>Gas Sold (1,000 therms)</b>						
Total/Residential	14	15	14	14	14	13
<b>Average Annual Use (therms)</b>						
Total/Residential	117	202	185	179	173	163
<b>Average Rate (\$ per therm)</b>						
Total/Residential	2.84208	3.00433	3.15372	3.35714	3.71429	4.00000
<b>Revenues (\$1,000)</b>						
Total/Residential	40	44	43	47	52	52

<sup>1</sup> 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.

<sup>2</sup> Based on number of customers at end of year.

<sup>3</sup> All Molokai customers are residential.

SOURCE: Hawai'i State Department of Commerce and Consumer Affairs, Division of Consumer Advocacy, records.



## 7.1.4

## HAWAI'I STATE ENERGY REPORT, ENERGY CONSUMPTION ESTIMATES BY SOURCE

*In billion BTU*

	2001	2002	2003	2004	2005
Asphalt and road oil	2,271.0	709.9	731.5	799.5	1,286.3
Aviation gasoline	243.8	88.6	77.4	197.1r	224.4
Distillate fuel	35,180.4	47,099.5	46,782.6	50,293.6r	42,564.6
Kerosene-type jet fuel	50,437.3	59,450.4	73,620.8	75,465.8	92,831.2
Naphtha-type jet fuel	0.0	0.0	0.0	0.0	0.0
Kerosene	0.9	0.7	0.9	0.8	0.8
Liquified petroleum gasses	2,102.2	2,782.4	1,786.3	1,672.9	1,563.1
Lubricants	545.8	539.3	498.6	505.1	502.5
Motor gasoline	50,587.3	54,261.1	55,176.6	56,013.6r	57,283.4
Residual fuel	83,517.5	80,086.4	75,938.7	82,423.1	83,048.4
Other petroleum products <sup>1</sup>	14,948.1	14,167.6	15,438.6	15,183.8	15,847.8
<b>Subtotal petroleum products</b>	<b>239,834.4</b>	<b>259,185.8</b>	<b>270,052.1</b>	<b>282,555.3r</b>	<b>295,152.4</b>
Geothermal energy	4,349.9	1,537.2	3,756.1	4,492.5	4,668.4
Solar thermal and photovoltaic energy	1,343.1	1,369.8	1,417.5	1,467.9	1,539.4
Wind energy	21.9	16.4	16.1	75.1	66.3
<b>Subtotal geothermal, solar thermal, photovoltaic and wind energy</b>	<b>5,715.0</b>	<b>2,923.4</b>	<b>5,189.8</b>	<b>6,035.5</b>	<b>6,274.2</b>
Coal	17,773.8	16,618.0	19,255.5	19,253.7	17,956.0
Hydroelectric power	1,041.1	967.1	926.9	941.1	961.8
Natural gas	2,919.4	2,898.1	2,860.8	2,907.2r	2,897.9
Wood and waste	11,690.2	9,531.4	11,706.4	11,760.9	10,109.3
<b>Total energy consumption</b>	<b>278,974.1</b>	<b>292,123.8</b>	<b>309,991.5</b>	<b>323,452.7r</b>	<b>333,351.5</b>

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

<sup>1</sup> 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.

SOURCE: U.S. Department of Energy, Energy Information Administration, Combined State Energy Data System 2005.

## 7.1.5

**WATER SERVICES AND CONSUMPTION, MAUI COUNTY***Years ending June 30*

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
	<b>NUMBER OF SERVICES</b>										
State Total	230,952	233,043	235,799	238,665	242,092	245,397	247,862	254,036	258,790	261,096	265,243
Maui County	28,306	28,720	29,333	29,750	30,414	31,021	31,680	32,344	33,123	33,675	34,682
Maui	26,795	27,205	27,809	28,217	28,872	29,451	30,102	30,751	31,510	32,045	33,032
Moloka'i	1,511	1,515	1,524	1,533	1,542	1,570	1,578	1,593	1,613	1,630	1,650
	<b>CONSUMPTION (million gallons)</b>										
State Total	71,810	73,301	76,631	76,401	78,748	77,868	80,735	78,245	77,171	80,106	80,959
Maui County	11,485	11,729	12,547	12,719	12,883	12,312	12,695	12,436	12,961	13,186	13,258
Maui	11,110	11,399	12,199	12,388	12,546	11,997	12,357	12,105	12,644	12,883	12,961
Moloka'i	330	369	348	331	337	315	338	331	317	303	297

Source: County of Maui, Department of Water Supply, *Annual Report FY 2007*.

7.1.6

**DAILY AVERAGES FOR WATER PRODUCTION BY AREA, MAUI COUNTY**

*in thousands of gallons*

Area	07/07	08/07	09/07	10/07	11/07	12/07	01/08	02/08	03/08	04/18	05/18	06/08	Prev. 12 months
<b>Central Maui</b>													
Groundwater-Īao	19,922	18,804	16,856	15,290	13,715	11,829	13,142	13,215	15,306	15,608	16,320	17,402	15,628
'Īao Tunnel	1,688	1,351	1,199	1,263	1,256	1,343	1,268	1,226	1,269	1,168	1,164	1,107	1,276
Groundwater-Waihe'e	4,468	5,662	6,591	6,413	6,188	5,466	5,877	5,783	5,563	4,960	5,074	4,996	5,585
Kepaniwai	813	755	740	740	728	732	742	742	735	737	741	741	746
Surface Water	1,444	1,388	1,370	1,730	1,680	728	1,121	1,073	1,515	1,498	2,033	1,601	1,433
<b>Upcountry Maui</b>													
Surface Water	7,878	7,173	6,827	7,258	6,124	4,479	4,847	4,547	6,357	6,425	7,114	7,097	6,351
Groundwater	622	748	476	350	539	999	993	1,084	1,271	1,221	1,411	2,683	1,031
<b>West Maui</b>													
Surface Water	3,465	3,424	3,341	3,491	3,327	2,795	3,270	2,935	3,187	3,253	3,101	3,158	3,230
Groundwater	3,302	3,287	3,090	2,715	2,392	2,577	2,441	2,449	2,689	2,741	2,893	3,342	2,828
<b>East Maui</b>													
Groundwater	334	300	290	299	283	303	303	300	355	352	376	372	322
<b>Moloka'i</b>													
Groundwater	1,497	1,412	1,370	1,324	1,107	959	1,067	1,083	1,301	1,332	1,444	1,466	1,281
<b>TOTAL WATER PRODUCTION</b>	<b>45,435</b>	<b>44,305</b>	<b>42,149</b>	<b>40,873</b>	<b>37,339</b>	<b>32,211</b>	<b>35,070</b>	<b>34,435</b>	<b>39,548</b>	<b>39,294</b>	<b>41,673</b>	<b>43,964</b>	<b>39,709</b>

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

## 7.1.7

### WATER SYSTEM DEVELOPMENT FEE SCHEDULE

*Effective July 29, 2002*

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<b>Meter Size</b>	<b>Total Fee</b>
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

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Note: Fees do not include installation charges.

SOURCE: County of Maui, Department of Water Supply, *Annual Report FY 2007*.

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
<b>Regular Rates</b>										
Wailuku	16,655	1,227	513	396	384	66	24	5	1	19,271
Makawao	8,559	312	169	72	28	17	3	1	0	9,161
Lahaina	2,719	202	127	122	122	24	6	2	0	3,324
Hāna	491	8	8	4	4	0	0	0	0	515
Moloka'i	1,532	43	31	15	18	3	0	1	0	1,643
Subtotal	29,956	1,792	848	609	556	110	33	9	1	33,914
<b>Agricultural Service Meters</b>										
Wailuku	23	5	9	2	2	2	1	0	0	44
Makawao	397	70	99	97	33	1	3	0	0	700
Lahaina	5	4	1	0	0	0	1	0	0	11
Hāna	6	0	2	0	0	0	0	0	0	8
Moloka'i	3	0	2	0	0	0	0	0	0	5
Subtotal	434	79	113	99	35	3	5	0	0	768
<b>Total</b>	<b>30,390</b>	<b>1,871</b>	<b>961</b>	<b>708</b>	<b>591</b>	<b>113</b>	<b>38</b>	<b>9</b>	<b>1</b>	<b>34,682</b>

SOURCE: County of Maui, Department of WaterSupply, *Annual Report FY 2007*.

## 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	2,782,059	\$167,758	\$0.060
Wailuku Agribusiness	682,319	360,479	0.528
Maui Land & Pine	716,578	45,259	0.063
Hawaiian Home Lands	14,890	47,295	3.176
R.W. Meyers	86	34	0.395
HC&S	0		
<b>Total</b>	<b>4,195,932</b>	<b>\$620,825</b>	<b>\$0.148</b>
<b>District</b>			
Wailuku	682,319	\$360,480	\$0.528
Kula	1,400,238	84,434	0.060
Makawao	1,367,204	82,442	0.060
Lahaina	716,578	45,259	0.063
Hāna	14,617	881	0.060
Moloka'i	14,976	47,329	3.160
<b>Total</b>	<b>4,195,932</b>	<b>\$620,825</b>	<b>\$0.148</b>
<b>Other Water</b>			
Wailuku - Wilku. Agribusiness	394,122		
Wailuku - HI. Land & Farming	1,834,162		
<b>Total</b>	<b>2,228,284</b>		

SOURCE: County of Maui, Department of WaterSupply, *Annual Report FY 2007*.

## 7.1.10

**WATER SALES TO GENERAL AND AGRICULTURAL  
CONSUMERS BY DISTRICT & SYSTEMS,  
MAUI COUNTY, FISCAL YEAR**

System	Services	Change from FY 2006	Consumption (1,000 gallons )	Change from FY 2006 (1,000 gallons)
<b>Wailuku District</b>				
Wailuku	5,927	238	1,343,947	39,962
Waihe'e	190	0	33,825	4,374
Waikapū	510	176	63,792	9,484
Wailuku Heights	490	3	90,001	3,564
Kahului	5,031	279	1,852,311	42,735
Pu'unēnē	11	0	34,992	(2,257)
Kihei	5,823	98	4,149,576	(171,550)
Mā'alaea	45	0	77,900	(7,555)
Mākena	205	10	244,010	19,476
Pā'ia-Kū'au	903	(1)	161,968	7,281
Spreckelsville	174	4	81,895	3,462
<b>Subtotal</b>	<b>19,309</b>	<b>807</b>	<b>8,134,217</b>	<b>(51,024)</b>
<b>Makawao District</b>				
Kokomo-Kaupakalua	1,254	19	179,109	2,664
Kuiaha	296	0	62,704	5,365
Ha'ikū-Pa'uwela	836	0	149,392	9,291
Makawao	2,026	11	369,692	21,925
Pukalani	2,074	2	390,582	26,242
Hāili'imaile	201	1	31,784	(6,810)
Upper Kula	1,960	4	552,991	62,358
Lower Kula	1,098	6	813,945	4,887
'Ulupalakua	81	(1)	57,333	(3,373)
Kula Agr. Park	39	0	213,454	(7,447)
<b>Subtotal</b>	<b>9,865</b>	<b>42</b>	<b>2,820,986</b>	<b>115,101</b>
<b>Lahaina District</b>				
Lahaina	2,016	36	846,086	(2,956)
Honokōwai	471	30	562,877	(12,704)
'Alaeloa	840	72	528,010	25,758
Honokōhau	9	(4)	866	(232)
<b>Subtotal</b>	<b>3,336</b>	<b>134</b>	<b>1,937,839</b>	<b>9,866</b>
<b>Moloka'i District</b>				
Kawela-Kaunakakai	1,162	16	216,996	(9,901)
'Ualapu'e	375	9	69,971	5,489
Kala'e	113	3	9,789	(1,325)
Hālawa	0	(8)	0	(159)
<b>Subtotal</b>	<b>1,650</b>	<b>20</b>	<b>296,756</b>	<b>(5,896)</b>
<b>Hāna District</b>				
Hāna	382	0	54,758	3,922
Nāhiku	39	2	3,740	(443)
Ke'anae	84	2	7,904	442
Kaupō	17	0	1,364	(536)
<b>Subtotal</b>	<b>522</b>	<b>4</b>	<b>67,766</b>	<b>3,385</b>

SOURCE: County of Maui, Department of Water Supply, *Annual Report FY 2007*.

## 7.1.11

## WATER CONSUMPTION BY DISTRICT, MAUI COUNTY, FISCAL YEAR

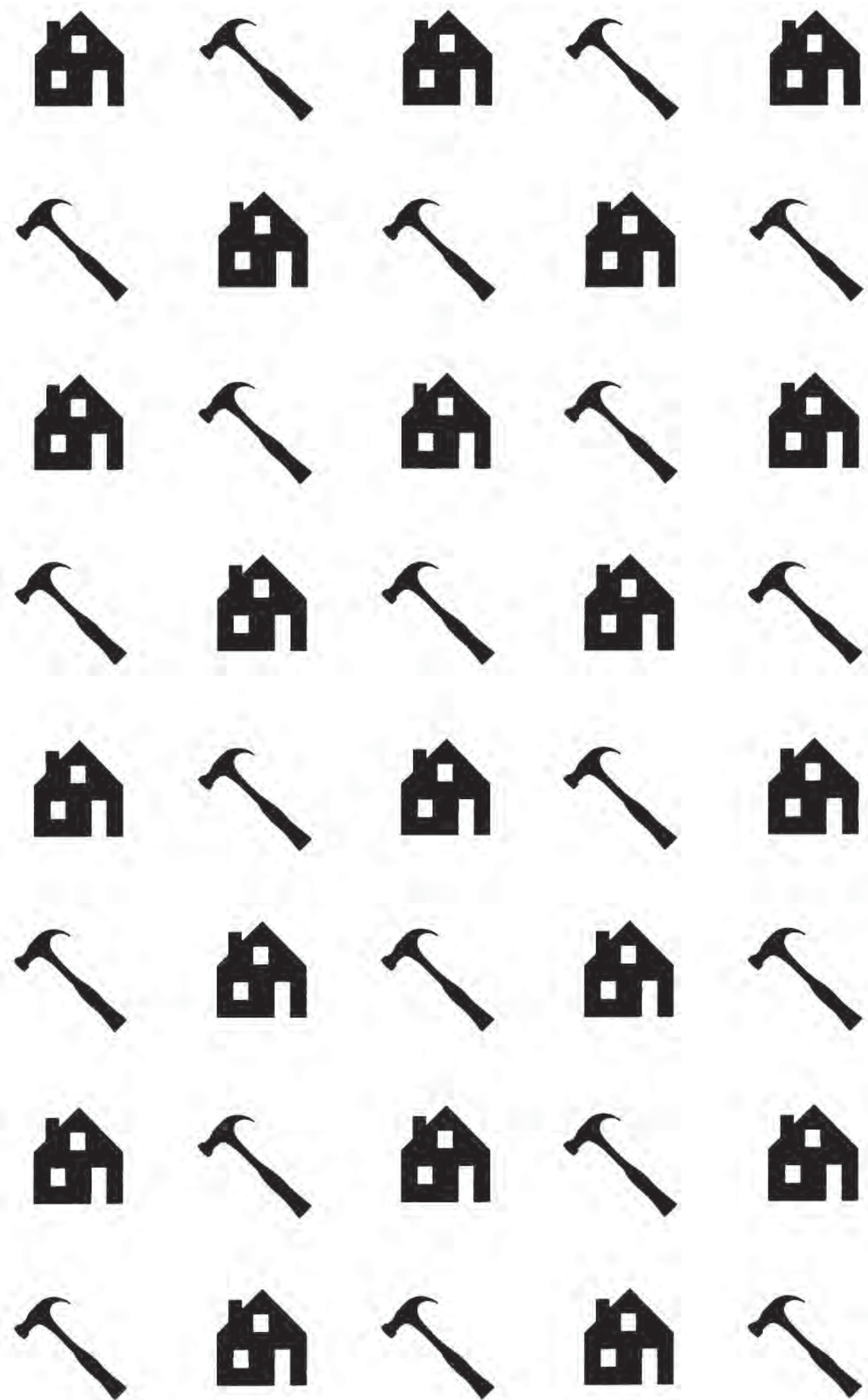
*1,000 gallons*

Months	Total	Wailuku	Makawao	Kula	Lahaina	Moloka'i	Hāna
<b>General</b>							
July-August	2,190,573	1,419,722	200,736	132,163	372,175	56,041	9,736
September-October	2,259,526	1,499,787	222,749	125,858	348,848	57,973	4,311
November-December	1,848,906	1,276,624	148,026	81,142	291,591	40,468	11,055
January-February	1,841,320	1,221,880	158,418	92,391	311,906	45,337	11,388
March-April	1,821,128	1,225,125	154,616	92,210	298,661	40,377	10,139
May-June	2,027,601	1,353,331	189,258	116,863	300,238	49,535	18,376
<b>Total</b>	<b>11,989,054</b>	<b>7,996,469</b>	<b>1,073,803</b>	<b>640,627</b>	<b>1,923,419</b>	<b>289,731</b>	<b>65,005</b>
<b>Agricultural</b>							
July-August	263,376	28,133	22,160	209,086	2,178	1,489	330
September-October	261,155	23,577	26,576	206,025	3,194	1,551	232
November-December	165,387	21,456	19,237	121,628	1,949	719	398
January-February	183,346	20,083	12,406	146,719	2,477	999	662
March-April	168,387	20,922	13,716	129,630	2,660	1,065	394
May-June	226,859	23,577	16,879	182,494	1,962	1,202	745
<b>Total</b>	<b>1,268,510</b>	<b>137,748</b>	<b>110,974</b>	<b>995,582</b>	<b>14,420</b>	<b>7,025</b>	<b>2,761</b>
<b>Grand Total</b>	<b>13,257,564</b>	<b>8,134,217</b>	<b>1,184,777</b>	<b>1,636,209</b>	<b>1,937,839</b>	<b>296,756</b>	<b>67,766</b>

SOURCE: County of Maui, Department of Water Supply, *Annual Report FY 2007*.



# 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 65,000 housing units on Maui of which around 30,700 (60.8%) are owner-occupied. 2,196 building permits were issued in 2007.

### 8.1.1

## NUMBER AND VALUE OF BUILDING PERMITS, MAUI COUNTY

*Ending December 31*

Year	Number Issued	Estimated Value (\$1,000)
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	2,294	355,360
2001	2,012	312,737
2002	1,915	273,716
2003	2,199	469,277
2004	2,472	448,831
2005	2,348	831,416
2006	2,404	979,412
2007	2,196	727,772

SOURCE: Compiled monthly from county building departments by the Hawai'i State Department of Business, Economic Development & Tourism.

### 8.1.2

## VALUE OF BUILDING PERMITS, MAUI COUNTY

*In thousands of dollars*

Category	2002	2003	2004	2005	2006	2007
Residential	186,622	271,286	285,212	486,407	362,279	302,401
Hotel	0	0	43,000	131,924	400,142	181,153
Non-residential	38,384	150,423	58,757	101,858	117,570	127,728
Additions and alterations	48,710	47,568	61,862	111,227	99,421	116,489
<b>Total</b>	<b>273,716</b>	<b>469,277</b>	<b>448,831</b>	<b>831,416</b>	<b>981,418</b>	<b>727,772</b>

SOURCE: Compiled monthly from county building departments by the Hawai'i State Department of Business, Economic Development & Tourism 2001 - 2004, Maui County, Development Services Administration, Department of Public Works and Environmental Management, 2007 records.

### 8.1.3

## PRIVATE RESIDENTIAL CONSTRUCTION AUTHORIZATIONS, MAUI COUNTY

	2003	2004	2005	2006	2007
<b>Authorized Housing Units (number)</b>					
New single-family units	877	1,104	967	1,008	1,050
New multi-family units	211	379	173	390	251
<b>Total</b>	<b>1,088</b>	<b>1,483</b>	<b>1,140</b>	<b>1,398</b>	<b>1,301</b>
<b>Permit Value (\$)</b>					
New single-family units	149,660,471	188,003,293	170,950,893	199,721,428	210,034,680
New multi-family units	16,235,608	31,176,018	53,158,528	38,868,559	28,482,221
<b>Total</b>	<b>165,896,079</b>	<b>219,179,311</b>	<b>224,109,421</b>	<b>238,589,987</b>	<b>238,516,901</b>

SOURCE: U.S. Census Bureau, Monthly New Privately-Owned Residential Building Permits, Maui County, 2003-2007.

### 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 <sup>1</sup>
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	1,160	28	371	44
2005	971	206	388	52
2006	1,083	44	304	47
2007	1,062	34	217	48

<sup>1</sup> All county figures, except for Maui County, exclude units destroyed by fire, volcanic activity, high winds, and other disasters.

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

## 8.1.5

### LOW INCOME RENTAL HOUSING AFFORDABILITY, BY COUNTY

	County					State
	Maui	Kalawao	Honolulu	Hawai'i	Kaua'i	
<b>Housing Wage</b>						
Hourly wage necessary to afford						
2 BR FMR <sup>1</sup>	\$25.31	\$21.63	\$31.35	\$19.19	\$22.75	\$29.0
<b>Housing Cost</b>						
Two Bedroom FMR (2008)	\$1,316	\$1,125	\$1,630	\$998	\$1,183	\$1,509
Income needed to afford						
2 BR FMR	\$52,640	\$45,000	\$65,200	\$39,920	\$47,320	\$60,355
Full-time jobs at minimum wage <sup>6</sup>						
need to afford 2 BR FMR	3.5	3.0	4.3	2.7	3.1	4.0
<b>Area Median Income (AMI)<sup>2</sup></b>						
Annual AMI	\$72,800	\$34,000	\$77,300	\$63,400	\$66,800	\$74,450
Rent affordable at AMI <sup>3</sup>	\$1,820	\$850	\$1,933	\$1,585	\$1,670	\$1,861
30% of AMI <sup>4</sup>	\$21,840	\$10,200	\$23,190	\$19,020	\$20,040	\$22,335
Rent affordable at 30% of AMI	\$546	\$255	\$580	\$476	\$501	\$558
<b>Renter Households</b>						
Number (2000)	18,489	115	130,217	18,819	7,817	175,457
% of total households (2000)	43%	100%	45%	36%	39%	44%
Estimated mean renter						
hourly wage (2006) <sup>5</sup>	\$12.69	n/a	\$12.74	\$10.80	\$10.91	\$12.42
Rent affordable at mean wage	\$660	n/a	\$662	\$562	\$567	\$646
Full time jobs at mean renter						
wage needed to afford 2 BR FMR	2.0	n/a	2.5	1.8	2.1	2.3

n/a: not applicable.

<sup>1</sup> FMR = Fair Market Rent (HUD, 2007; final as of October 1).

<sup>2</sup> AMI = Area Median Income (HUD, 2008)

<sup>3</sup> "Affordable" rents represent the generally accepted standard of spending not more than 30% of income on housing cost.

<sup>4</sup> Annual income of 30% of AMI or less is the federal standard for extremely low income households. Does not include HUD-specific adjustments.

<sup>5</sup> Estimated mean renter wage is based on BLS data and adjusted using the ratio of renter to overall household income reported in Census 2000

<sup>6</sup> Minimum wage = \$7.25 at time of report.

SOURCE: National Low Income Housing Coalition, *Out of Reach 2007*.

**8.1.6**  
**PLANNED ADDITIONS TO AND SUBTRACTIONS**  
**FROM MAUI VISITOR INDUSTRY PLANT SUPPLY**

Name of Facility	Planned Type	Planned Units	Estimated Completion
Kahului Airport Hotel	Hotel	140	NA
Maui Ocean Club Sequel	Timeshare	146	Jan. 2009
Maui Palms Redevelopment	Hotel	136	NA
Kapalua Bay North Wing Expansion	Hotel	128	2008
The Ritz-Carlton, Kapalua	Hotel	338	NA
The Ritz-Carlton, Kapalua	Condo	107	2008
Westin Kanapali Ocean Resort Villas	Timeshare	516	NA
Kā'anapali Ocean Resort-Lot 3	Timeshare	390	NA
Honua Kai Project (Kā'anapali)	Hotel Units & Townhouses	628 Hotel Units 72 Townhouses	2009
Maui Lu Redevelopment	Timeshare	388	NA
12 Bedroom Bed & Breakfast Operation	Timeshare		N/A
Wailea MF9 Project	Hotel	120	N/A
Baccarat Resort - Wailea	Hotel/Condo	140	2010
Hale Akua Shangrila	Health Retreat	12 Rentable Rooms	N/A

NA: Not Available

SOURCE: Hawai'i State Department of Business, Economic Development & Tourism, Research and Economic Analysis Division, 2007 Visitor Plan Inventory, Table 9.

**8.1.7**

**AVERAGE WEEKLY WAGES FOR CONSTRUCTION INDUSTRIES,**  
**MAUI COUNTY - 2007**

Industry	Number of Establishments	Average Employment	Total Wages	Average Weekly Wages
<b>Construction</b>	<b>629</b>	<b>4,923</b>	<b>\$281,530,301</b>	<b>\$1,100</b>
<b>Construction of Buildings</b>	<b>230</b>	<b>1,631</b>	<b>\$90,867,763</b>	<b>\$1,071</b>
Residential Building Construction	182	994	\$51,581,659	\$998
Nonresidential Building Construction	48	636	\$39,286,104	\$1,188
<b>Heavy and Civil Engineering Construction</b>	<b>42</b>	<b>738</b>	<b>\$58,262,391</b>	<b>\$1,518</b>
Land Subdivision	23	235	\$17,291,117	\$1,415
Highway, Street, and Bridge Construction	9	386	\$31,878,521	\$1,588
<b>Specialty Trade Contractors</b>	<b>357</b>	<b>2,555</b>	<b>\$132,400,147</b>	<b>\$997</b>
Building Foundation/Exterior Contractors	69	460	\$21,530,668	\$900
Building Equipment Contractors	115	907	\$50,705,918	\$1,075
Building Finishing Contractors	114	771	\$38,575,565	\$962
Other Specialty Trade Contractors	59	417	\$21,587,996	\$996

SOURCE: State of Hawai'i, Department of Labor and Industrial Relations, Research and Statistics Office.

8.1.8

**BUILDING PERMITS ISSUED,  
MAUI COUNTY CALENDAR YEAR 2007**

<b>Types of Permits</b>	<b>No. of Permits</b>	<b>No. of Units</b>	<b>Valuation</b>
Single Family, Detached	1,062	1,062	\$262,871,847.75
Two Family Buildings	17	34	\$6,591,740.00
Three and Four Family Bldgs.	1	3	\$416,850.00
Five or More Family Bldgs.	12	214	\$32,520,000.00
Hotels, Motels, & Tourist Cabins	2	71	\$181,153,190.00
Other Non-Housekeeping Shelter	1		\$320,000.00
Amusement, Social, and Recreational	4		\$20,787,446.00
Churches and other Religious	1		\$300,000.00
Industrial	1		\$1,370,000.00
Parking Garages (Bldgs & Open Decked)	2		\$5,100,000.00
Service Stations and Repair Garages	1		\$50,000.00
Offices, Banks, and Professional	13		\$14,652,646.00
Public Works and Utilities	4		\$522,704.00
Schools and Other Educational	6		\$15,069,563.00
Stores and Customer Services	11		\$15,291,250.00
Other Non-Residential Bldgs.	93		\$12,458,616.00
Structures other than Bldgs.	257	1	\$37,794,500.00
Residential - (Add, Alter, Convert)	489	16	\$36,027,202.00
Commercial - (Add, Alter, Convert)	157	1	\$80,487,848.95
Additions of Res Garages/Carport	63	1	\$4,331,575.00
Demo - Single Family Homes	48	48	\$285,780.00
Demo - All Other Bldgs. And Structure	92	1	\$2,914,579.00
Repairs to Dwellings	34		\$816,214.00
Repairs to Other Bldgs.	53		\$4,766,819.01
Relocate Residential Bldgs.	3	1	\$52,000.00
Fences, Retaining Wall, Seawalls, etc.	177		\$14,133,767.25
Mechanical Work	1		\$4,000,000.00
Temporary Structures (Tents, Booths, etc.)	89		\$398,582.89
<b>TOTAL:</b>	<b>2,694</b>		<b>\$755,484,720.85</b>

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

## 8.1.9

## 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	
<b>Residential Building Construction (NAICS 2361---)</b>								
Ha'ikū	16	Lahaina	21	Kauanakakai	2			
Hāna	5	Makawao	25	Kualapu'u	1			
Kahului	6	Pā'ia	4	Maunaloa	1	Maui subtotal	140	
Kihei	33	Wailuku	15	Lāna'i City	4	Total	148	
Kula	15							
<b>Nonresidential Building Construction (NAICS 2362---)</b>								
Ha'ikū	6	Kula	1	Wailuku	7			
Kahului	10	Lahaina	1	Kaunakakai	1	Maui subtotal	29	
Kihei	2	Makawao	2			Total	30	
<b>Utility System Construction (NAICS 2371---)</b>								
Ha'ikū	1	Kahului	3	Wailuku	2	Total	6	
<b>Land Subdivision (NAICS 2372---)</b>								
Kahului	1	Kula	1	Pā'ia	1			
Kihei	2	Makawao	1	Wailuku	3	Total	9	
<b>Highway, Street, and Bridge Construction (NAICS 2373---)</b>								
Ha'ikū	1	Kahului	2			Total	3	
<b>Other Heavy and Civil Engineering Construction (NAICS 2379---)</b>								
Kahului	2	Kihei	2			Total	4	
<b>Foundation, Structure, and Building Exterior Contractors (NAICS 2381---)</b>								
Ha'ikū	4	Kula	6	Pā'ia	1			
Kahului	8	Lahaina	5	Wailuku	13			
Kihei	15	Makawao	6			Total	58	
<b>Building Equipment Contractors (NAICS 2382---)</b>								
Ha'ikū	7	Kula	8	Wailuku	23			
Hāna	2	Lahaina	8	Ho'olehua	1			
Kahului	24	Makawao	8	Kaunakakai	1	Maui subtotal	100	
Kihei	19	Pā'ia	1	Lāna'i City	1	Total	103	
<b>Building Finishing Contractors (NAICS 2383---)</b>								
Ha'ikū	11	Lahaina	10	Wailuku	14			
Kahului	14	Makawao	11	Kualapu'u	1	Maui subtotal	86	
Kihei	18	Pā'ia	2	Lāna'i City	1	Total	88	
Kula	6							
<b>Other Specialty Trade Contractors (NAICS 2389---)</b>								
Ha'ikū	1	Kula	4	Wailuku	5			
Kahului	6	Lahaina	3	Kaunakakai	2	Maui subtotal	36	
Kihei	10	Makawao	7	Lāna'i City	1	Total	39	
							Grand Total	488

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

SOURCE: U.S. Department of Commerce, U.S. Census Bureau, *Zip Code Business Patterns 2006*.



8.1.10

**ESTIMATED VALUE OF LAND TRANSACTIONS,  
BY COUNTY**

*In thousands of dollars*

Year	Maui County	Hawai'i County	Kaua'i 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: Hawai'i 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*

<b>2000 Characteristic</b>	<b>State Total</b>	<b>Hawai'i</b>	<b>Honolulu</b>	<b>Kaua'i</b>	<b>Maui<sup>1</sup></b>
<b>All housing units</b>	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 <sup>2</sup>	2	3.3	1.7	2.2	2.4
Median number of rooms	4.3	4.6	4.3	4.6	4.0 <sup>3</sup>
<b>All occupied units</b>	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
<b>Specified owner-occupied units</b>	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
<b>Specified renter-occupied units</b>	174,458	18,382	129,907	7,735	18,434
Median gross rent (dollars)	779	645	802	739	788 <sup>3</sup>
Rent was 35 percent or more of household income	50,848	5,637	37,543	2,320	5,348

<sup>1</sup> Includes Kalawao County (172 housing units), not shown separately.

<sup>2</sup> Telephone service not available in the unit from which calls could be made and received. This includes cellular telephones.

<sup>3</sup> 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*

Maui County	2000	2005	2006	2007
<b>All Housing Units</b>	556,377	62,178	63,610	64,993
Units in Structure				
1 unit, detached	31,593	35,127	36,031	38,054
1 unit, attached	3,497	2,650	4,455	2,821
2 to 4 units	2,887	3,287	3,764	4,220
5 to 9 units	7,191	5,224	3,796	4,408
10 or more units	11,058	15,844	15,551	8,372
Mobile home, boat, other	151	46	13	154
Median Number of Rooms	4.0	3.9	4.0	4.1
<b>Occupied Housing Units</b>				
Total	43,507	48,393	47,540	50,568
With 1.01 or more persons per room	7,166	n/a	n/a	n/a
<b>Vacant Housing Units</b>				
Total	12,870	13,785	16,070	14,425
For seasonal, recreational, or occasional use	9,746	11,093	9,122	3,821
Percent of All Vacant Units	75.7	80.5	56.8	26.5
Homeowner Vacancy Rate	1.2	0.8	1.6	1.0
Rental Vacancy Rate	7.7.2	3.2	14.0	29.9
<b>Owner-Occupied Housing Units</b>				
Total	25,039	28,476	28,300	30,749
Percent of All Occupied Units	57.6	58.8	59.5	60.8
Average Household Size	3.13	3.05	3.24	2.97
<b>Value of Specified Owner-Occupied Housing Units<sup>1</sup></b>				
Total	19,953	N	28,300	30,749
Less than \$100,000	794	N	584	393
\$100,000 to \$199,999	5,292	N	1,198	1,077
\$200,000 to \$299,999	7,455	N	1,776	2,327
\$300,000 to \$499,999	4,348	N	4,905	5,370
\$500,000 to \$999,999	1,511	N	16,019	16,262
\$1,000,000 or more	553	N	3,818	5,320
Median (dollars)	249,900	573,400	625,600	637,200
<b>Renter-Occupied Housing Units</b>				
Total	18,468	19,917	19,240	19,819
Average Household Size	2.62	2.59	2.5	2.51
<b>Gross Rent of Specified Renter-Occupied Units<sup>2</sup></b>				
Total	18,319	19,917	19,240	19,819
Less than \$300	1,055	418	632	501
\$300 to \$499	1,754	1,355	422	565
\$500 to \$749	4,829	2,761	1,848	1,466
\$750 to \$999	5,267	4,069	3,218	2,109
\$1,000 to \$1,499	3,109	5,627	6,983	8,203
\$1,500 or more	971	3,320	4,272	5,316
No cash rent	1,334	2,337	1,865	1,659
Median (dollars)	788	1,011	1,216	1,281

<sup>1</sup> 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.

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

N: Indicates that data for this geographic area cannot be displayed because the number of sample cases is too small. n/a: Not Available

SOURCE: U.S. Census Bureau, Census 2000 *Profile of General Demographic Characteristics, Hawaii (DP-1)* and *Profile of Selected Housing Characteristics, Hawaii (DP-4)*, 2005, 2006 and 2007 American Community Survey.

## 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
<b>Maui County</b>	<b>56,377</b>	<b>4.0</b>	<b>43,507</b>	<b>7,166</b>
<b>Kalawao County (Kalaupapa)</b>	<b>172</b>	<b>2.0</b>	<b>115</b>	<b>0</b>
<b>Maui Island</b>				
Ha'ikū-Pa'uwela CDP	2,455	4.6	2,311	313
Hāli'imaile CDP	260	4.9	254	45
Hāna CDP	239	3.5	184	63
Kā'anapali 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
Mā'alaea CDP	599	3.5	261	7
Makawao CDP	2,218	4.5	2,154	288
Nāpili-Honokōwai CDP	4,673	3.1	2,624	411
Pā'ia CDP	891	4.7	784	107
Pukalani CDP	2,543	5.0	2,463	365
Waihe'e-Waiehū CDP	1,889	5.0	1,864	448
Waikapū CDP	360	5.3	351	46
Wailea-Mākena CDP	4,871	4.0	2,510	147
Wailuku CDP	4,820	4.4	4,556	691
<b>Moloka'i</b>				
Kalawao County (Kalaupapa)	172	2.0	115	0
Kaunakakai CDP	962	4.2	872	209
Kualapu'u CDP	591	4.8	568	145
Maunaloa CDP	88	4.7	62	17
<b>Lāna'i</b>				
Lāna'i 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
<b>Maui County</b>	<b>56,377</b>	<b>12,870</b>	<b>9,746</b>	<b>1.2</b>	<b>7.2</b>
<b>Kalawao County (Kalaupapa)</b>	<b>172</b>	<b>57</b>	<b>31</b>	<b>100.0</b>	<b>0.0</b>
<b>Maui Island</b>					
Ha'ikū-Pa'uwela CDP	2,454	144	63	0.8	2.2
Hāli'imaile CDP	260	6	0	0.6	1.3
Hāna CDP	253	62	18	2.3	30.3
Kā'anapali 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
Mā'alaea CDP	600	337	272	0.0	33.3
Makawao CDP	2,222	71	20	0.9	1.2
Nāpili-Honōkawai CDP	4,681	2,052	1,704	0.4	13.6
Pā'ia CDP	890	107	63	1.3	6.5
Pukalani CDP	2,522	83	18	1.0	1.6
Waihe'e-Waiehū CDP	1,909	45	4	0.7	2.3
Waikapū CDP	360	13	0	1.5	2.4
Wailea-Mākena CDP	5,099	2,579	2,401	4.5	2.5
Wailuku CDP	4,780	245	52	1.2	3.7
<b>Moloka'i</b>					
Kalawao County (Kalaupapa)	172	57	31	100.0	0.0
Kaunakakai CDP	962	95	28	2.4	7.7
Kualapu'u CDP	592	28	7	1.1	6.8
Maunaloa CDP	91	26	1	33.3	24.0
<b>Lāna'i</b>					
Lāna'i 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
<b>Maui County</b>	<b>56,377</b>	<b>43,507</b>	<b>25,039</b>	<b>18,468</b>	<b>3.13</b>	<b>2.62</b>
<b>Kalawao County (Kalaupapa)</b>	<b>172</b>	<b>115</b>	<b>0</b>	<b>115</b>	<b>0.00</b>	<b>1.28</b>
<b>Maui Island</b>						
Ha'ikū-Pa'uwela CDP	2,454	2,310	1,416	894	3.01	2.54
Hāli'imaile CDP	260	254	176	78	3.45	3.68
Hāna CDP	253	191	129	62	3.84	3.44
Kā'anapali 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
Mā'alaea CDP	600	263	151	112	1.74	1.71
Makawao CDP	2,222	2,151	1,207	944	3.18	2.63
Nāpili-Honokōwai CDP	4,681	2,629	1,128	1,501	2.92	2.32
Pā'ia CDP	890	783	523	260	3.26	2.78
Pukalani CDP	2,522	2,439	1,600	839	3.13	2.84
Waihe'e-Waiehū CDP	1,909	1,864	1,526	338	4.07	3.21
Waikapū CDP	360	347	264	83	3.26	3.07
Wailea-Mākena 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
<b>Moloka'i</b>						
Kalawao County (Kalaupapa)	172	115	0	115	0.00	1.28
Kaunakakai CDP	962	867	531	336	3.34	2.79
Kualapū'u CDP	592	564	441	123	3.49	3.22
Maunaloa CDP	91	65	8	57	4.63	3.39
<b>Lāna'i</b>						
Lāna'i 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
<b>Maui County</b>	<b>19,953</b>	<b>794</b>	<b>5,292</b>	<b>7,455</b>	<b>4,348</b>	<b>1,511</b>	<b>553</b>
<b>Kalawao County (Kalaupapa)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Maui Island</b>							
Ha'ikū-Pa'uwela CDP	1,171	20	234	329	368	210	10
Hāli'imaile CDP	169	12	74	73	10	0	0
Hāna CDP	126	12	41	41	21	7	4
Kā'anapali 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
Mā'alaea CDP	13	0	3	3	0	3	4
Makawao CDP	1,117	36	327	513	197	40	4
Nāpili-Honokōwai CDP	631	0	38	311	199	50	33
Pā'ia CDP	477	14	204	167	41	32	19
Pukalani CDP	1,483	38	222	789	423	11	0
Waihe'e-Waiehū CDP	1,433	31	615	567	190	22	8
Waikapū CDP	258	9	71	131	45	2	0
Wailea-Mākena CDP	855	0	27	131	251	351	95
Wailuku CDP	2,070	109	568	711	530	124	28
<b>Moloka'i</b>							
Kalawao County (Kalaupapa)	0	0	0	0	0	0	0
Kaunakakai CDP	493	59	353	67	9	5	0
Kualapu'u CDP	340	126	158	29	14	9	4
Maunaloa CDP	7	2	5	0	0	0	0
<b>Lanai</b>							
Lāna'i 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
<b>Maui County Total</b>	<b>14,062</b>	<b>9,423</b>	<b>2.66</b>	<b>3.6</b>
<b>Ha'ikū-Pa'uwela division</b>	<b>764</b>	<b>713</b>	<b>2.70</b>	<b>3.7</b>
Ha'ikū-Pa'uwela CDP	614	570	2.68	3.8
<b>Hāna division</b>	<b>257</b>	<b>234</b>	<b>2.75</b>	<b>3.3</b>
Hāna CDP	69	59	3.06	3.5
<b>Kahului division</b>	<b>1,996</b>	<b>1,397</b>	<b>2.91</b>	<b>3.4</b>
Kahului CDP (part)	1,996	1,397	2.91	3.4
<b>Kīhei division</b>	<b>2,412</b>	<b>1,301</b>	<b>2.46</b>	<b>3.5</b>
Kīhei CDP	2,074	1,163	2.48	3.5
Mā'alaea CDP	117	11	1.86	3.0
Wailea-Mākena CDP (part)	219	125	2.59	4.2
<b>Kula division</b>	<b>1,217</b>	<b>1,088</b>	<b>2.40</b>	<b>3.8</b>
Wailea-Mākena CDP (part)	479	394	2.20	3.6
<b>Lahaina division</b>	<b>2,564</b>	<b>1,041</b>	<b>2.56</b>	<b>3.3</b>
Kā'anapali CDP	88	20	2.27	3.7
Kapalua CDP	51	12	2.16	3.4
Lahaina CDP	1,313	802	2.91	3.6
Nāpili-Honokōwai CDP	1,087	187	2.16	2.8
<b>Makawao-Paia division</b>	<b>1,684</b>	<b>1,547</b>	<b>2.80</b>	<b>4.1</b>
Hāli'imaile CDP	58	54	3.40	3.8
Makawao CDP	637	583	2.83	4.1
Pā'ia CDP	200	175	2.53	4.1
Pukalani CDP	626	590	2.95	4.2
<b>Pu'unēnē division</b>	<b>47</b>	<b>43</b>	<b>3.21</b>	<b>4.6</b>
Kahului CDP (part)	47	43	3.21	4.6
<b>Spreckelsville division</b>	<b>37</b>	<b>36</b>	<b>2.11</b>	<b>4.1</b>
Kahului CDP (part)	—	—	—	—
<b>Waihe'e-Waikapū division</b>	<b>191</b>	<b>170</b>	<b>3.24</b>	<b>4.2</b>
Waihe'e-Waiehū CDP (part)	84	74	3.19	4.1
Waikapū CDP	72	64	3.01	4.2
Wailuku CDP (part)	10	9	3.30	5.8
<b>Wailuku division</b>	<b>1,758</b>	<b>955</b>	<b>2.64</b>	<b>3.4</b>
Waihe'e-Waiehū CDP (part)	115	102	3.43	4.0
Wailuku CDP (part)	1,643	853	2.58	3.4
<b>East Moloka'i division</b>	<b>511</b>	<b>361</b>	<b>2.65</b>	<b>3.3</b>
Kaunakakai CDP	304	203	2.40	3.5
<b>West Moloka'i division</b>	<b>239</b>	<b>212</b>	<b>3.35</b>	<b>4.0</b>
Kualapu'u CDP	98	98	3.50	3.5
Maunaloa CDP	118	106	3.43	4.6
<b>Lāna'i division</b>	<b>385</b>	<b>325</b>	<b>2.73</b>	<b>4.3</b>
Lāna'i City CDP	376	318	2.74	4.3

SOURCE: U.S. CENSUS BUREAU, 2000 Census of Population and Housing, *Summary Population and Housing Characteristics, Hawai'i*.



## 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 <sup>1</sup>	\$300 to \$499	\$500 to \$749	\$750 to \$999	\$1,000 to \$1,499	\$1,500 or more
<b>Maui County</b>	<b>18,319</b>	<b>2,389</b>	<b>1,754</b>	<b>4,829</b>	<b>5,267</b>	<b>3,109</b>	<b>971</b>
<b>Kalawao County (Kalaupapa)</b>	<b>115</b>	<b>90</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Maui Island</b>							
Ha'ikū-Pa'uwela CDP	917	139	46	219	334	144	35
Hāli'imaile CDP	74	16	15	7	17	17	2
Hāna CDP	49	8	8	23	5	3	2
Kā'anapali 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
Mā'alaea CDP	144	20	0	23	59	39	3
Makawao CDP	959	134	84	174	341	163	63
Nāpili-Honokōwai CDP	1,490	109	62	321	656	260	82
Pā'ia CDP	265	27	28	79	46	68	17
Pukalani CDP	850	64	21	202	230	251	82
Waihe'e-Waiehū CDP	331	129	20	63	52	37	30
Waikapū CDP	73	5	9	28	21	10	0
Wailea-Mākena CDP	1,127	103	9	164	430	279	142
Wailuku CDP	1,877	231	227	811	374	197	37
<b>Moloka'i</b>							
Kalawao County (Kalaupapa)	115	90	0	25	0	0	0
Kaunakakai CDP	337	107	69	86	65	10	0
Kualapu'u CDP	115	41	10	37	21	6	0
Maunaloa CDP	55	3	9	33	7	3	0
<b>Lāna'i</b>							
Lāna'i City CDP	584	119	270	109	69	17	0

<sup>1</sup> Includes no cash rent.

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

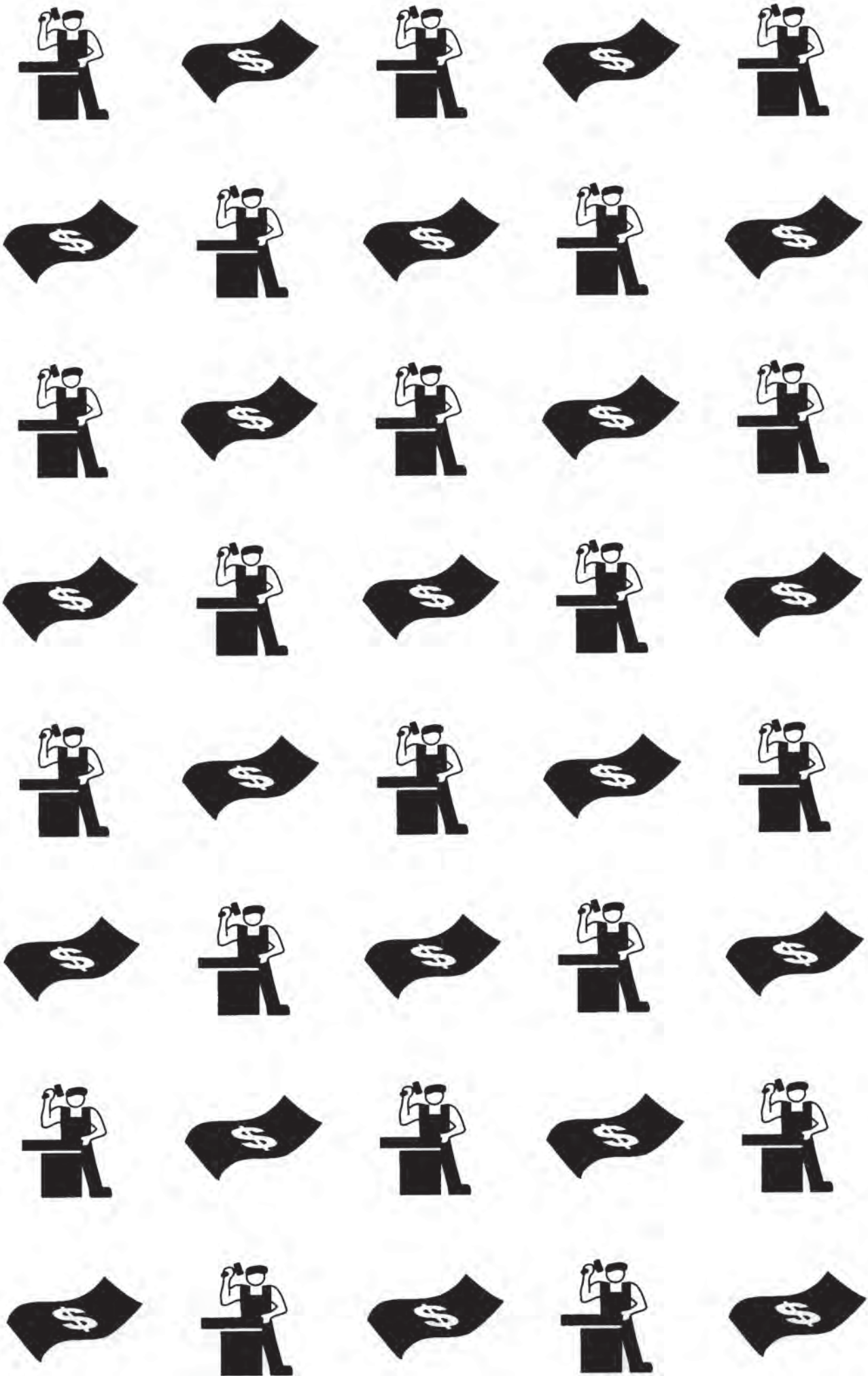
## 8.2.9

**SELECTED MONTHLY OWNER AND RENTER COST  
AS A PERCENTAGE OF HOUSEHOLD INCOME**

	1999	2005	2006	2007
<b>Owner</b>				
<b>Housing unit with a mortgage</b>	<b>14,131</b>	<b>19,578</b>	<b>19,627</b>	<b>21,288</b>
Less than 20.0 percent	8,636	4,495	3,895	5,073
20.0 to 24.9 percent	2,387	3,281	2,612	2,154
25.0 to 29.9 percent	2,060	2,306	2,483	3,049
30.0 to 34.9 percent	1,581	1,088	2,487	1,689
35.0 percent or more	5,201	8,313	7,837	9,190
Not computed	88	95	313	133
Median (dollars)	1,638	2,017	2,089	2,335
<b>Renter</b>				
<b>Renter-occupied units</b>	<b>18,319</b>	<b>19,917</b>	<b>19,240</b>	<b>19,819</b>
Less than 15.0 percent	3,254	2,978	1,995	1,913
15.0 to 19.9 percent	2,613	1,957	2,251	1,889
20.0 to 24.9 percent	2,291	2,573	2,086	2,088
25.0 to 29.9 percent	1,892	1,873	2,605	3,301
30.0 to 34.9 percent	1,342	2,578	1,201	1,316
35.0 percent or more	5,335	5,474	7,083	7,546
Not computed	1,592	2,484	2,019	1,766
Median (dollars)	788	1,011	1,216	1,281

SOURCE: U.S. Census Bureau, *Selected Housing Characteristics, 2000, 2005, 2006 and 2007*.

# 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 2007 was 79,700 and the number of employed was 7,450. The unemployment rate increased 0.3% between 2006 and 2007.

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

## 9.1.1

### FINANCIAL INSTITUTIONS WITH LOCATIONS IN MAUI COUNTY

As of December 31, 2006

	Maui	Moloka'i	Lāna'i
Banks			
Firms	4	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	6	1	—
Locations	8	1	—
Escrow Depository Companies			
Firms	7	—	—
Locations	20	—	—

SOURCE: Hawai'i State Department of Commerce and Consumer Affairs, Division of Financial Institutions, *2007 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					
	2003	2004	2005	2006	2007	2008
Hāna	4,092	4,658	4,914	5,137	5,026	4,927
Kahului	649,545	734,996	832,651	816,989	821,585	778,024
Kihei	279,988	344,705	365,722	374,961	370,017	347,066
Lahaina	301,879	348,892	375,810	421,793	413,579	378,933
Makawao/Pukalani	141,839	162,069	162,389	168,890	166,847	156,123
Pā'ia	37,727	41,200	46,438	43,262	44,698	42,354
Wailuku	225,810	257,771	288,056	305,453	300,497	295,865
Kaunakakai	50,869	60,911	61,417	66,279	65,544	65,559
Lāna'i City	26,935	27,153	27,753	32,385	41,090	31,761
<b>Total</b>	<b>1,718,684</b>	<b>1,982,355</b>	<b>2,165,150</b>	<b>2,235,149</b>	<b>2,228,883</b>	<b>2,100,612</b>

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.

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 2007	Location	County Rank	State Rank	Assets (dollars)	Loans (dollars)	Members
Maui County Employees	Wailuku	1	13	180,677,889	141,246,196	12,244
Valley Isle Community	Kahului	2	16	77,204,790	34,234,230	9,101
Maui <sup>1</sup>	Kahului	3	21	55,354,398	17,915,451	5,627
Kahului	Kahului	4	27	48,207,213	21,158,596	4,839
Kula Community	Kahului	5	41	26,841,666	14,230,434	3,858
Wailuku	Wailuku	6	42	26,641,209	12,342,275	3,601
West Maui Community	Lahaina	7	45	24,869,685	4,879,640	2,468
Lānaʻi	Lānaʻi City	8	47	21,327,966	1,234,336	2,060
Maui Teachers	Wailuku	9	48	20,177,631	2,549,013	1,595
Molokaʻi Community	Kaunakakai	10	55	15,458,532	10,417,420	3,869
Lahaina	Lahaina	11	75	6,651,964	2,823,886	2,110
Kūlia ʻOhana	Wailuku	12	80	4,477,316	2,965,015	1,049
First Hawaiian Homes	Hoʻolehua	13	89	2,572,940	1,415,693	1,067
<b>Maui County Total</b>				<b>510,463,199</b>	<b>267,412,185</b>	<b>53,488</b>
<b>State Total</b>				<b>7,107,175,278</b>	<b>3,751,577,727</b>	<b>806,760</b>

<sup>1</sup> 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 2007(final)*.

9.1.4

**FEDERAL CREDIT UNION CHARACTERISTICS,  
MAUI COUNTY**

	2004	2005	2006	2007
Number of Credit Unions	13	13	13	13
Total Members	50,334	52,025	53,243	53,488
Total Assets	\$467,795,551	\$480,164,613	\$477,690,769	\$510,463,199
Total Shares and Deposits	\$402,309,588	\$405,083,267	\$395,634,327	\$426,931,345
Number of Share and Deposit Accounts	65,189	68,256	71,787	75,706
Total Loans	\$145,766,480	\$185,757,186	\$219,784,055	\$267,412,185
Number of Loans	12,343	12,927	14,981	15,732

SOURCE: National Credit Union Administration, *Call Report Data Files under FOIA (final), December 31, 2004, 2005, 2006, and 2007*.

## 9.2.1

### CIVILIAN LABOR FORCE SUMMARY, STATE OF HAWAII AND COUNTIES

*Annual averages*

	Maui County	Hawai'i County	Kaua'i County	City & County of Honolulu	State of Hawai'i
<b>Civilian Labor Force</b>					
2000	71,300	74,200	30,350	433,100	609,000
2001	73,200	76,300	30,450	435,300	615,250
2002	72,300	76,450	30,350	429,800	608,950
2003r	72,850	78,400	31,300	433,750	616,300
2004r	74,800	79,800	31,800	436,150	622,550
2005r	76,000	81,850	32,350	445,200	635,400
2006r	78,300	85,050	32,950	451,300	647,600
2007	79,700	86,300	33,250	449,850	649,100
<b>Employed</b>					
2000	68,700	70,750	29,000	416,450	584,850
2001	70,300	72,500	28,950	417,500	589,200
2002	69,500	72,950	29,050	412,900	584,350
2003r	70,100	74,750	30,050	417,500	592,450
2004r	72,500	76,750	30,750	422,500	602,450
2005r	74,050	79,150	31,450	433,350	618,000
2006r	76,450	82,550	32,150	440,500	631,600
2007	77,450	83,400	32,400	438,600	631,900
<b>Unemployment</b>					
2000	2,600	3,500	1,350	16,700	24,150
2001	2,950	3,800	1,550	17,800	26,050
2002	2,800	3,500	1,350	16,950	24,600
2003r	2,700	3,650	1,250	16,250	23,850
2004r	2,300	3,100	1,050	13,650	20,100
2005r	1,950	2,700	850	11,850	17,400
2006r	1,850	2,500	800	10,850	16,000
2007	2,200	2,900	850	11,250	17,150
<b>Percent Unemployed</b>					
2000	3.7	4.7	4.5	3.9	4.0
2001	4.0	5.0	5.0	4.1	4.2
2002	3.9	4.6	4.4	3.9	4.0
2003r	3.7	4.6	4.0	3.7	3.9
2004r	3.1	3.9	3.4	3.1	3.2
2005r	2.6	3.3	2.7	2.7	2.7
2006r	2.4	2.9	2.4	2.4	2.5
2007	2.8	3.3	2.5	2.5	2.6

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

n/a: Not available.

r: Revised from previous Data Book.

SOURCE: Hawai'i 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*

	Maui County	Maui	Moloka'i	Lāna'i
<b>Civilian Labor Force</b>				
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	71,300	66,650	2,850	1,800
2001	73,200	68,750	2,550	1,800
2002	72,300	68,100	2,450	1,750
2003r	72,850	68,700	2,450	1,700
2004r	74,800	70,550	2,600	1,650
2005r	76,000	71,750	2,550	1,700
2006r	78,300	74,050	2,500	1,750
2007	79,700	75,400	2,500	1,800
<b>Civilian Employment</b>				
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	68,700	64,450	2,500	1,750
2001	70,300	66,250	2,250	1,750
2002	69,500	65,550	2,300	1,650
2003r	70,100	66,250	2,200	1,650
2004r	72,500	68,550	2,300	1,600
2005r	74,050	70,050	2,350	1,650
2006r	76,450	72,400	2,350	1,700
2007	77,450	73,400	2,300	1,750



9.2.2

CONTINUED

	Maui County	Maui	Moloka'i	Lāna'i
<b>Civilian Unemployment</b>				
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	2,600	2,200	350	50
2001	2,950	2,550	300	50
2002	2,800	2,550	200	50
2003r	2,700	2,400	250	*
2004r	2,300	1,950	300	*
2005r	1,950	1,750	200	*
2006r	1,850	1,700	150	*
2007	2,200	2,000	150	*
<b>Unemployment Rate</b>				
1991	5.4	5.2	10.2	6.7
1992	8.0	7.7	14.9	7.3
1993	5.4	5.1	8.7	9.1
1994	5.8	5.6	9.1	6.0
1995	6.9	6.7	10.9	5.0
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	13.0	3.0
2001	4.0	3.7	11.8	3.8
2002	3.9	3.8	7.4	4.2
2003r	3.7	3.5	10.1	2.8
2004r	3.1	2.8	10.7	2.6
2005r	2.6	2.4	8.2	1.4
2006r	2.4	2.3	5.2	1.8
2007	2.8	2.7	6.2	2.2

NOTES: Except for percent employed, rounded to nearest 50.

Totals may not add due to rounding.

Data begins from 1990. Data not available prior to 1990 with the new redesign model.

1990 - 1999 data reflect 2000 Census-based geography & new model-based controls at the state level.

2000 - 2006 data reflect 2000-based geography, new model controls, 2000 Census inputs & methodological changes.

2000 - 2007 have been benchmarked.

r: Revised from previous Data Book

SOURCE: Hawai'i State Department of Labor and Industrial Relations, and records.

9.2.3

**LABOR FORCE BY RACE AND SEX,  
MAUI COUNTY**

Race and Sex, 2007	Civilian Labor Force			PERCENT DISTRIBUTION			Unemployment Rate
	Civilian Labor Force	Employed	Unemployed	Civilian Labor Force	Employed	Unemployed	
Both Sexes (incl. Hispanic)	79,700	77,450	2,200	100.0%	100.0%	100.0%	2.8%
White	31,700	30,900	800	39.8	39.9	37.0	2.6
Black/African American	300	300	*	0.4	0.4	0.3	2.0
American Indian/ Alaskan Native	350	300	*	0.4	0.4	0.7	4.7
Asian	23,050	22,700	400	29.0	29.3	17.4	1.7
Native Hawaiian/ Pacific Islander	7,500	7,050	450	9.4	9.1	20.7	6.1
Some other race	1,200	1,200	*	1.5	1.5	0.1	0.3
Two or more races	15,550	15,000	550	19.5	19.4	23.8	3.4
Minority Group	47,950	46,550	1,400	60.2	60.1	63.0	2.9
Hispanic or Latino	5,400	5,200	200	6.8	6.7	9.0	3.7
Females (incl. Hispanic)	37,350	36,400	900	100.0%	100.0%	100.0%	2.5%
White	14,150	13,750	350	37.9	37.8	39.9	2.6
Black/African American	100	100	*	0.3	0.3	0.7	5.1
American Indian/ Alaskan Native	150	150	*	0.4	0.4	0.9	5.8
Asian	11,350	11,250	100	30.4	30.9	12.8	1.0
Native Hawaiian/ Pacific Islander	3,550	3,350	200	9.5	9.2	23.1	6.0
Some other race	450	450	0	1.2	1.3	0.0	0.0
Two or more races	7,550	7,350	200	20.2	20.1	22.5	2.8
Minority Group	23,200	22,650	550	62.1	62.2	1.5	2.4
Hispanic or Latino	2,450	2,350	100	6.5	6.4	9.6	3.6
Females as a percent of both sexes							
both sexes	46.86%	47.01%	41.87%	-----	-----	-----	-----

\* Less than 25

NOTE: Totals may not add due to rounding

Includes Kalawao County

SOURCE: Labor Force Estimates from 2007 Annual Local Area Unemployment Statistics (LAUS), based on 2000 Census.

## 9.2.4

## ANNUAL AVERAGE JOBCOUNT BY INDUSTRY AND ISLAND, MAUI COUNTY

Industry, 2007	Maui County	Maui	Moloka'i	Lāna'i
<b>TOTAL NONAGRICULTURAL</b>				
<b>WAGE &amp; SALARY JOBS</b>	72,150	68,600	1,900	1,650
<b>Total Private</b>	63,050	60,300	1,350	1,400
<b>Total Goods Producing</b>	6,250	6,100	100	100
<b>Natural Resources &amp; Mining &amp; Constr.</b>	4,900	4,750	50	100
<b>Special Trade Contractors</b>	2,550	2,550		
<b>Manufacturing</b>	1,350	1,350	*	0
Durable Goods	300	300		
Non-Durable Goods	1,050	1,050		
<b>Total Service-Providing</b>	65,900	62,550	1,850	1,500
<b>Private Service-Providing</b>	56,800	54,250	1,250	1,300
<b>Trade, Transportation &amp; Utilities</b>	15,000	14,550	350	150
Wholesale Trade	1,400	1,350	*	*
Retail Trade	10,000	9,700	200	100
Food & Beverage Stores	1,800	1,700	100	*
Grocery Stores	1,550	1,400		
Clothing & Clothing Accessories	1,900	1,900		
General Merchandise	1,450	1,450		
Department Stores	1,000	1,000		
Transp., Warehousing & Utilities	3,650	3,500	100	*
Air Transportation	1,000	950	*	*
<b>Information</b>	400	350	*	*
Telecommunications	3,100	2,900		
<b>Financial Activities</b>			100	100
Finance & Insurance			*	*
<b>Professional &amp; Business Svcs</b>	7,200	7,000	*	200
Prof., Scientific & Tech. Svcs.	1,500	1,500	*	*
Admin. & Support & Waste Mgmt.	5,250	5,200		
<b>Education &amp; Health Services</b>	5,700	5,250	400	*
Education Services	1,050	1,000		
Health Care & Social Assistance	4,650	4,250	350	*
<b>Leisure and Hospitality</b>	22,150	20,950	350	850
Arts, Entertainment & Recreation	2,350	2,250	*	100
Accommodation & Food Svcs.	19,800	18,750	300	750
Accommodation	11,450	10,600	150	700
Food Services and Drinking Places	8,350	8,150	150	50
Full-Service Restaurants	5,600	5,500	50	*
<b>Other Services</b>	2,800	2,700	100	*
<b>Total Government</b>	9,100	8,300	600	200
Federal Government	800	750	*	*
Department of Defense	*	*		
State Government	5,850	5,350	400	150
State Education (DOE & UH)	3,150	2,800	250	100
Local Government	2,400	2,200	150	*
<b>AGRICULTURE</b>	1,750	1,650	100	-

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

\* Fewer than 50.

SOURCE: Hawai'i 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	3,200	\$27,120	\$24,440
2	Waiters and Waitresses	3,060	\$28,020	\$25,100
3	Maids and Housekeeping Cleaners	2,860	\$29,130	\$27,390
4	Cashiers	2,250	\$21,960	\$20,650
5	Landscaping and Groundskeeping Workers	1,820	\$28,840	\$28,350
6	Office Clerks, General	1,490	\$26,680	\$26,180
7	Cooks, Restaurant	1,250	\$30,380	\$27,590
8	Janitors & Cleaners, Exc Maids & Housekeepng Clnrs	1,250	\$26,170	\$23,760
9	Maintenance and Repair Workers, General	1,230	\$36,800	\$36,430
10	Combined Food Prep & Serving Wrkrs, Inc Fast Food	1,180	\$21,210	\$18,910

SOURCE: State of Hawai'i, Department of Labor and Industrial Relations, Research and Statistics Office, *Wages by Occupation, May 2007*.

## 9.2.6

### INCOME FOR HOUSEHOLDS AND FAMILIES, MAUI COUNTY 2005

Income (in Inflation-Adjusted Dollars) <sup>1</sup>	2006		2007	
	Households	Families	Households	Families
Total households	47,540	31,611	50,568	33,134
Less than \$10,000	3,106	1,230	1,844	854
\$10,000 to \$14,999	2,344	774	2,213	356
\$15,000 to \$24,999	3,578	2,280	2,719	973
\$25,000 to \$34,999	3,908	2,530	5,051	2,287
\$35,000 to \$49,999	6,781	4,101	6,886	4364
\$50,000 to \$74,999	10,225	6,408	10,660	7,664
\$75,000 to \$99,999	6,978	5,759	7,662	5,957
\$100,000 to \$149,999	6,730	5,413	7,855	6,160
\$150,000 to \$199,999	1,787	1,267	2,676	2,074
\$200,000 or more	2,103	1,849	3,002	2,445
Median household/Family income (dollars)	\$58,771	\$70,069	\$63,550	\$75,246
Mean household/Family income (dollars)	\$76,642	\$89,025	\$82,538	\$94,286

<sup>1</sup> **Adjusting Income for Inflation** - In order to inflate income amounts from previous years, the dollar values on individual records are inflated to the latest year's dollar values by multiplying by a factor equal to the average annual CPI-U-RS factor for the current year, divided by the average annual CPI-U-RS factor for the earlier/earliest year.

SOURCE: U.S. Census Bureau, *2006 and 2007 American Community Survey*.

## 9.2.7

## BEST JOB OPPORTUNITIES IN 2010, MAUI COUNTY

Employment Position	2002-2010 Total Job Openings	Annual Growth Rate	2003 Mean Annual Wages
<b>Long Term Preparation (At least a bachelor's degree or higher, may need work experience)</b>			
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
<b>Middle Level Preparation (More than one year to less than four years of training or education)</b>			
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
<b>Short Term Preparation (From one month to twelve months of training or education)</b>			
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
<b>Little Preparation (Less than one month of training, usually on the job)</b>			
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 Hawai'i, 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 2007

*All Claimants*

Characteristic	Maui/Lānaʻi Annual Average	Percent of Total	Molokaʻi Annual Average	Percent of Total
<b>TOTAL</b>	<b>912</b>	<b>100</b>	<b>67</b>	<b>67</b>
<b>SEX</b>				
Male	545	59.8	42	42
Female	367	40.2	25	25
<b>INDUSTRY</b>				
State	11	1.2	6	6
County	0	0	1	1
Agriculture	25	2.7	12	12
Mining	0	0	0	0
Utilities	0	0	0	0
Construction	218	23.9	12	12
Manufacturing	8	0.9	1	1
Wholesale	6	0.7	0	0
Retail Trades	44	4.8	5	5
Transp/Warehsg	31	3.4	9	9
Information	6	0.7	1	1
Finance/Insurance	11	1.2	0	0
Real Estate/Rental	17	1.9	1	1
Prf/Sci/Tech	14	1.5	0	0
Management	1	0.1	0	0
Admn-Waste-Mgmt	78	8.6	5	5
Education	7	0.8	0	0
Health/Social	28	3.1	3	3
Arts/Entertainment	21	2.3	1	1
Accommodation/Food	293	32.1	5	5
Other-Services	18	2	1	1
Public-Admin	0	0	0	0
Info. not available	74	8.1	6	6
<b>Age</b>				
Under 22	16	1.8	5	5
22 to 24	33	3.6	5	5
25 to 34	198	21.7	14	14
35 to 44	253	27.7	17	17
45 to 54	249	27.3	16	16
55 to 64	145	15.9	7	7
65 and over	19	2.1	4	4

9.3.1

CONTINUED

Characteristic	Maui/Lānaʻi Annual Average	Percent of Total	Molokaʻi Annual Average	Percent of Total
<b>DURATION</b>				
1-4 weeks	332	36.4	24	35.8
5-14 weeks	361	39.6	27	40.3
15 and over	218	23.9	17	25.4
<b>OCCUPATION</b>				
Management	57	6.3	3	4.5
Business/Fin	7	0.8	0	0
Computer/Math	3	0.3	0	0
Architec/Engr	3	0.3	0	0
Life/Phys/SocSci	4	0.4	0	0
Community/SocSvc	11	1.2	1	1.5
Legal	2	0.2	0	0
Ed/Train/Libr	12	1.3	5	7.5
Arts/Entertain/Sports	8	0.9	0	0
HealthcarePractice	8	0.9	0	0
HealthcareSupport	10	1.1	2	3
ProtectiveSvc	10	1.1	0	0
Food Prep/Svc	140	15.4	3	4.5
Bldg/Grnd-Mntc	40	4.4	3	4.5
Pers-Care-Svc	54	5.9	2	3
Sales-Related	44	4.8	3	4.5
Ofc/Admin-Support	102	11.2	6	9
Farm/Fish/Forestry	24	2.6	13	19.4
Construction/Extrct	116	12.7	11	16.4
InstalRepair	22	2.4	1	1.5
Production	28	3.1	1	1.5
Trans/Moving	43	4.7	6	9
Info. not available	163	17.9	6	9
<b>ETHNICITY</b>				
Amer. Indian	13	1.4	0	0
Chinese	16	1.8	1	1.5
Filipino	163	17.9	10	14.9
Japanese	39	4.3	2	3
Other Asians	12	1.3	0	0
Black	15	1.6	0	0
Hawaiian	128	14	39	58.2
Oth Pac Islander	35	3.8	2	3
White & Latino	368	40.4	6	9
Others	122	13.4	7	10.4
Info. not available	1	0.1	0	0

SOURCE: Research and Statistics Office, Hawai'i Department of Labor and Industrial Relations, Labor and Occupational Information Hawai'i (LO'IHI), *The Characteristics of the Insured Unemployed in Hawai'i 2007*.

## 9.3.2

## LABOR FORCE STATUS AND EMPLOYMENT CHARACTERISTICS, MAUI COUNTY

LABOR FORCE STATUS	2000	2005	2006	2007
Persons 16 years and over	99,326	108,241	111,756	113,548
In labor force	66,307	77,738	76,726	80,444
Civilian labor force	66,219	74,976	76,670	76,825
Employed	62,935	74,330	74,528	76,641
Unemployed	3,284	3,335	2,142	3,698
Percent of Labor Force	5.0	4.4	2.8	4.6
Armed Forces	88	73	56	105
Not in labor force	33,019	30,503	35,030	33,104
Males 16 years and over	49,448	54,656	55,976	56,925
In labor force	35,349	41,558	40,902	43,364
Civilian labor force	35,261	40,263	39,818	41,664
Employed	33,352	39,105	39,330	40,857
Unemployed	1,909	2,380	1,363	2,402
Percent of Labor Force	5.4	5.9	3.4	5.5
Armed Forces	88	73	209	105
Not in labor force	14,099	13,098	15,074	13,561
Females 16 years and over	49,878	53,585	55,780	56,623
In labor force	30,958	36,180	35,824	37,080
Civilian labor force	30,958	34,713	34,357	35,161
Employed	29,583	35,225	35,045	35,784
Unemployed	1,375	955	779	1,296
Percent of Labor Force	4.4	2.8	2.3	3.5
Armed Forces	0	0	0	0
Not in labor force	18,920	17,405	19,956	19,543
Persons 16 to 19 years	6,843	6,271	6,632	6,874
Not enrolled in school and not high school graduate	539	n/a	na	na
Employed or in Armed Forces	2,476	2,890	2,468	0
Unemployed	463	643	314	1,213
Not in labor force	3,904	2,738	4,130	3,889

n/a Not Available.

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, 2005, 2006 and 2007 American Community Survey*.



9.3.3

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

Census Designated Place	Total:	Armed forces	CIVILIAN LABOR FORCE				% Unemployed
			Not in labor force	Total	Employed	Unemployed	
Ha'ikū-Pa'uwela	5,130	0	1,805	3,325	3,155	170	5.1
Hāli'imaile	743	0	276	467	445	22	4.7
Hāna	488	0	141	347	320	27	7.8
Kā'anapali	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
Kualapu'u	1,410	0	612	798	702	96	12.0
Lahaina	7,300	0	2,418	4,882	4,667	215	4.4
Lāna'i City	2,405	0	821	1,584	1,505	79	5.0
Mā'alaea	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
Nāpili-Honokōwai	5,344	0	1,175	4,169	4,024	145	3.5
Pā'ia	1,904	0	603	1,301	1,262	39	3.0
Pukalani	5,620	0	1,492	4,128	3,961	167	4.0
Waihe'e-Waiehū	5,207	0	1,573	3,634	3,474	160	4.4
Waikapū	860	0	285	575	552	23	4.0
Wailea-Mākena	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.

9.3.4

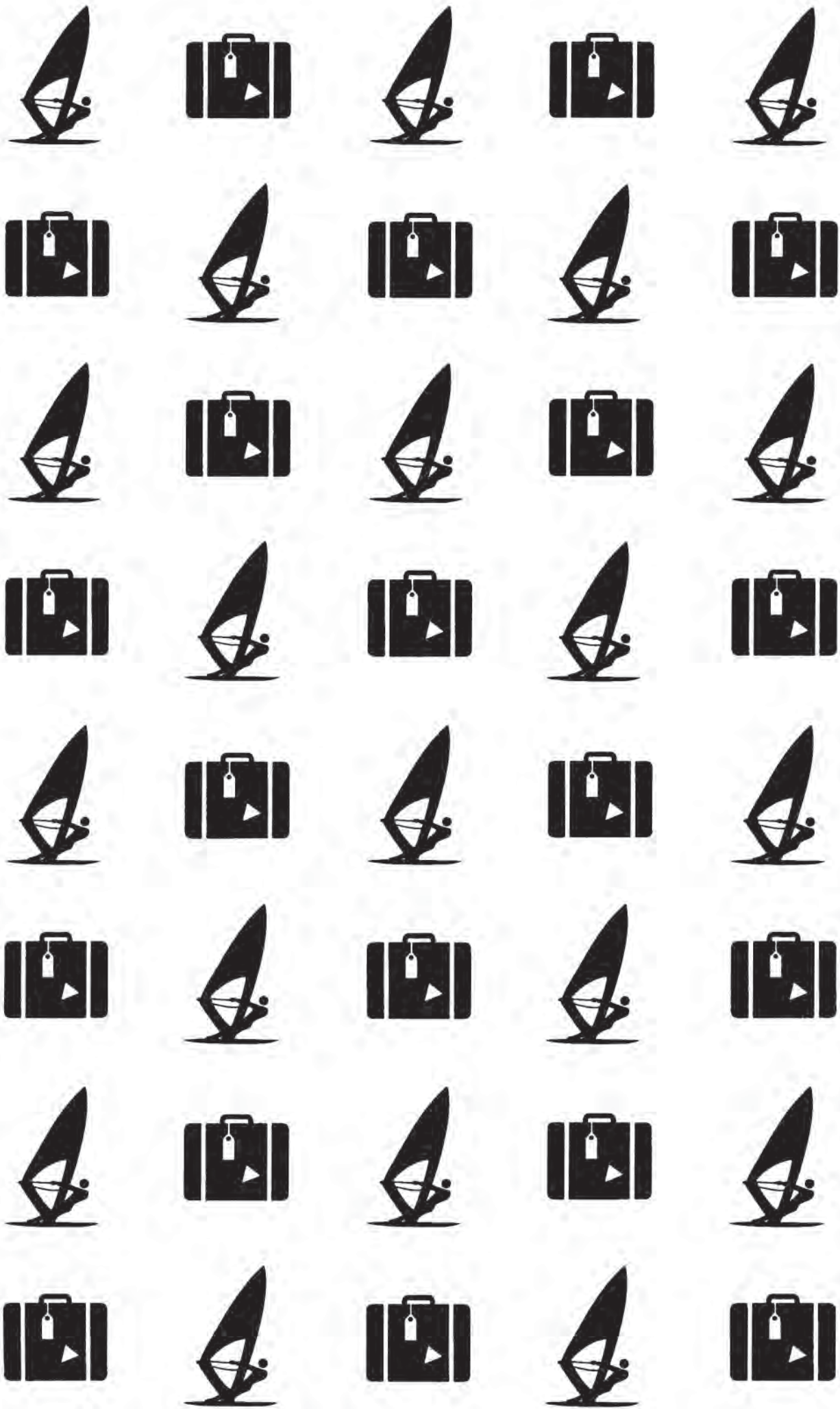
**WORKERS' COMPENSATION STATISTICS,  
MAUI COUNTY**

	2002	2003	2004	2005	2006
<b>Maui</b>					
Reported	n/a	4,268	4,199	3,902	3,932
Processed	8,404	8,271	8,056	7,820	6,852
With Cost	6,372	6,164	5,997	6,119	5,262
Cost	\$34,599,512	\$37,315,910	\$35,256,200	\$38,787,726	\$30,583,736
Days Lost	161,207	164,844	162,782	145,594	111,402
<b>Moloka'i</b>					
Reported	n/a	145	129	95	87
Processed	297	293	269	238	191
With Cost	228	229	198	171	139
Cost	\$1,038,652	\$1,185,562	\$926,828	\$818,397	\$695,569
Days Lost	6,189	6,955	3,976	3,515	1,979
<b>Lāna'i</b>					
Reported	n/a	131	131	91	155
Processed	267	250	231	207	245
With Cost	210	207	171	170	185
Cost	\$1,120,767	\$1,004,263	\$1,065,661	\$941,527	\$724,231
Days Lost	5,122	4,492	4,756	4,185	2,721

n/a Not available.

Notes: Cost and percent totals may not add due to rounding.

SOURCE: State of Hawai'i, Department of Labor and Industrial Relations, Research and Statistics Office, *Workers' Compensation Data Book 2002, 2003, 2004, 2005 and 2006*.



# Visitor Industry & Recreation

## 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 Hawai'i 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*

2007	Maui	Moloka'i	Lāna'i	Total Maui County
<b>Total Visitors</b>				
January	189,904	6,524	8,542	195,265
February	192,170	6,282	8,038	196,700
March	222,481	7,532	8,436	227,233
April	197,468	6,077	7,970	202,216
May	193,781	5,974	7,232	198,130
June	236,891	6,525	9,595	241,790
July	242,331	7,471	8,298	247,535
August	231,948	8,276	8,684	237,113
September	182,129	6,035	7,057	186,111
October	186,150	7,292	9,103	190,685
November	179,741	6,272	7,807	184,473
December	208,599	8,904	9,588	214,792
<b>Total</b>	<b>2,463,595</b>	<b>83,163</b>	<b>100,350</b>	<b>2,522,043</b>
<b>Domestic Visitors</b>				
January	158,562	5,374	6,486	162,683
February	162,300	5,114	6,311	166,374
March	193,247	5,945	7,062	197,756
April	173,912	4,904	6,683	178,153
May	177,842	4,948	6,056	181,892
June	212,393	5,903	7,406	216,779
July	221,216	6,073	7,353	225,842
August	207,819	6,049	7,556	212,432
September	161,083	4,785	6,025	164,631
October	167,980	5,229	6,898	172,339
November	158,584	4,836	6,419	162,966
December	177,743	6,039	6,905	182,965
<b>Total</b>	<b>2,172,682</b>	<b>65,197</b>	<b>81,160</b>	<b>2,224,813</b>
<b>International Visitors</b>				
January	31,342	1,150	2,057	32,581
February	29,869	1,168	1,727	30,326
March	29,234	1,587	1,374	29,477
April	23,556	1,173	1,286	24,063
May	15,940	1,027	1,176	16,238
June	24,499	622	2,190	25,011
July	21,115	1,398	946	21,693
August	24,130	2,227	1,128	24,681
September	21,046	1,250	1,032	21,480
October	18,170	2,064	2,205	18,346
November	21,157	1,436	1,388	21,507
December	30,856	2,865	2,682	31,827
<b>Total</b>	<b>290,913</b>	<b>17,966</b>	<b>19,190</b>	<b>297,230</b>

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2007 Annual Visitor Research Report.

## 10.1.2

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

*Arrivals by Air*

	2002	2003	2004	2005	2006	2007
<b>Length of Stay (days)<sup>1</sup></b>						
<b>All Visitors</b>						
Maui	7.17	7.33	7.47	7.46	7.37	7.31
Moloka'i	4.64	3.67	4.28	4.25	3.98	4.31
Lāna'i	4.71	3.41	3.29	3.14	2.99	3.22
<b>Domestic</b>						
Maui	7.63	7.53	7.70	7.65	7.64	7.45
Moloka'i	5.47	4.06	4.68	4.77	4.77	4.91
Lāna'i	4.92	3.65	3.46	3.25	3.51	3.64
<b>International</b>						
Maui	4.89	6.00	5.83	5.91	6.18	6.31
Moloka'i	2.63	2.51	2.66	2.91	2.06	2.11
Lāna'i	3.88	2.44	2.24	2.31	1.27	1.44
<b>Average Daily Census (people)</b>						
<b>All Visitors</b>						
Maui	40,744	42,710	44,014	46,923	48,961	49,355
Moloka'i	955	947	844	855	927	982
Lāna'i	1,043	853	660	631	763	885
<b>Domestic</b>						
Maui	36,081	38,215	39,873	42,785	44,189	46,015
Moloka'i	797	786	741	765	785	44,328
Lāna'i	868	728	597	578	687	878
<b>International</b>						
Maui	4,662	4,495	4,140	4,138	4,773	5,028
Moloka'i	158	162	103	90	141	104
Lāna'i	175	126	63	53	76	76

Note: Totals may not add due to rounding.

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

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *2007 Annual Visitor Research Report*.

### 10.1.3

## AVERAGE DAILY VISITOR CENSUS, BY COUNTY

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

Year	Maui County	Hawai'i County	Kaua'i County	O'ahu	State Total
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
2005	48,409	27,579	19,682	89,775	185,445
2006	50,651	28,011	20,994	87,953	187,609
2007	51,222	27,891	22,207	88,092	189,412

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.

All eastbound visitor days were attributed to Oahu through 1988.

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *2007 Annual Visitor Research Report*; "Historical Visitor Data."

### 10.1.4

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

*Arrivals by Air*

2007	Maui	Moloka'i	Lāna'i	Total Maui County	Total State
Albuquerque	6,197	199	239	6,364	17,146
Anchorage	8,182	457	205	8,546	24,999
Atlanta	19,357	584	1,021	19,853	46,884
Austin	9,926	252	466	10,158	24,219
Bakersfield	6,383	149	184	6,507	16,478
Bellingham	4,062	123	95	4,147	10,698
Boise	7,451	178	210	7,587	18,827
Boston	27,646	823	1,202	28,269	64,138
Charlotte	5,455	143	246	5,570	12,983
Chicago	58,760	1,543	2,425	59,986	120,806
Cincinnati	9,374	309	357	9,555	20,303
Cleveland	10,128	319	399	10,320	21,564
Colorado Springs	5,253	169	222	5,413	16,158
Columbus	6,413	204	236	6,538	14,361
Dallas	35,568	844	1,627	36,295	82,087
Denver	39,722	1,060	1,462	40,705	97,203
Detroit	21,680	594	822	22,053	44,667
Eugene	5,991	241	210	6,171	14,601
Fresno	3,579	139	141	3,671	9,070
Grand Rapids	9,822	259	236	10,019	24,951
Hartford	6,037	173	240	6,160	13,454
Houston	23,068	682	1,200	23,695	59,536
Indianapolis	8,083	255	358	8,243	17,310
Kansas City	4,034	210	225	4,136	10,586
Las Vegas	10,909	289	531	11,166	25,544
Los Angeles	25,704	715	823	26,259	72,187
Miami	303,091	7,151	10,393	310,850	823,554
Milwaukee	10,161	360	574	10,356	21,774
Minneapolis	8,092	297	311	8,253	16,814
Modesto	25,453	595	858	26,034	58,779



## 10.1.4

CONTINUED

2007	Maui	Moloka'i	Lāna'i	Total Maui County	Total State
Nashville	6,370	117	114	6,472	16,140
New York	5,691	167	221	5,837	13,225
Norfolk	77,723	2,032	3,903	79,649	168,650
Oklahoma City	4,678	212	258	4,786	17,712
Omaha	5,157	193	270	5,287	12,295
Orlando	3,966	94	166	4,037	9,846
Philadelphia	7,550	215	372	7,703	17,052
Phoenix	21,577	713	958	22,026	48,107
Pittsburgh	58,636	1,486	2,078	59,880	141,258
Portland	7,471	216	343	7,621	16,506
Provo	57,268	1,846	1,675	58,930	140,452
Raleigh	7,444	207	208	7,570	20,313
Reno	5,400	144	231	5,521	13,303
Sacramento	7,783	253	242	7,999	20,276
Saint Louis	51,511	1,209	1,344	52,467	127,245
Salinas	13,181	353	536	13,419	28,184
Salt Lake City	5,281	201	201	5,494	15,954
San Antonio	26,201	622	769	26,712	64,089
San Diego	5,846	182	302	5,974	17,685
San Francisco	68,451	1,784	2,299	70,008	178,958
San Luis/Obispo	212,754	5,656	7,119	218,781	607,592
Santa Barbara	5,234	201	145	5,422	14,601
Seattle	7,571	266	332	7,894	22,222
Spokane	107,484	2,971	2,869	110,340	284,215
Stockton	6,731	225	186	6,885	17,273
Tampa	8,945	279	241	9,158	23,044
Tucson	8,356	342	501	8,525	20,052
Tulsa	9,276	342	329	9,526	24,681
Washington D.C.	37,391	1,343	1,749	38,327	112,020
<b>Top US MSAs as percent of total visitors</b>	<b>72.6</b>	<b>66.2</b>	<b>70.8</b>	<b>72.6</b>	<b>53.8</b>

Note: MSAs - Metropolitan Statistical Areas.

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *2007 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*

<u>Westbound Visitors</u>				
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 Visitors<sup>1</sup></u>	<u>Domestic Visitors</u>		<u>Total Visitors</u>
1989 <sup>2</sup>	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
2005	265,749	2,080,731	43,514	2,389,994
2006	294,708	2,182,608	89,820	2,567,136
2007	297,230	2,224,813	116,766	2,638,809

<sup>1</sup> 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.

<sup>2</sup> 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: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2007 Annual Visitor Research Report; "Historical Visitor Data."

## 10.1.6

## NATION OF RESIDENCE OF VISITORS TO MAUI COUNTY

*Arrivals by Air*

2007 MMA <sup>1</sup>	MAUI			MOLOKA'I			LĀNA'I		
	Domestic	International	Total	Domestic	Int'l.	Total	Domestic	Int'l.	Total
<b>Total</b>	<b>2,172,682</b>	<b>290,913</b>	<b>2,463,598</b>	<b>65,197</b>	<b>17,966</b>	<b>83,163</b>	<b>81,160</b>	<b>19,190</b>	<b>100,350</b>
<b>U.S.</b>	<b>1,988,074</b>	<b>20,106</b>	<b>2,008,180</b>	<b>57,861</b>	<b>1,757</b>	<b>59,618</b>	<b>73,625</b>	<b>2,031</b>	<b>75,656</b>
<b>Canada</b>	<b>67,553</b>	<b>104,872</b>	<b>172,425</b>	<b>2,400</b>	<b>6,066</b>	<b>8,466</b>	<b>2,453</b>	<b>5,516</b>	<b>7,971</b>
<b>Asia</b>									
China	2,870	5,274	8,144	162	803	965	138	625	763
Hong Kong	404	1,302	1,706	42	89	131	31	0	31
Japan	781	79,649	80,430	19	1,627	1,646	33	841	874
Korea	1,434	11,103	12,537	72	272	344	50	279	329
Singapore	244	713	957	17	0	17	17	0	17
Taiwan	335	1,878	2,213	11	29	40	6	29	35
<b>Total Asia</b>	<b>6,068</b>	<b>99,919</b>	<b>105,987</b>	<b>323</b>	<b>2,820</b>	<b>3,143</b>	<b>275</b>	<b>1,774</b>	<b>2,049</b>
<b>Oceania</b>									
Australia	3,639	29,471	33,110	139	3,487	3,626	142	4,369	4,511
New Zealand	843	3,638	4,481	51	471	522	33	553	586
<b>Total Oceania</b>	<b>4,482</b>	<b>33,109</b>	<b>37,591</b>	<b>190</b>	<b>3,959</b>	<b>4,149</b>	<b>175</b>	<b>4,923</b>	<b>5,098</b>
<b>Europe</b>									
United Kingdom	14,800	1,858	16,658	509	346	855	780	130	910
Germany	11,158	519	11,677	607	43	650	376	0	376
France	2,488	306	2,794	92	79	171	129	0	129
Italy	3,809	298	4,107	215	0	215	172	0	172
Switzerland	2,930	318	3,248	183	0	183	130	0	130
<b>Total Europe</b>	<b>35,185</b>	<b>3,299</b>	<b>38,484</b>	<b>1,606</b>	<b>467</b>	<b>2,073</b>	<b>1,587</b>	<b>130</b>	<b>1,717</b>
<b>Latin America</b>									
Argentina	1,283	22	1,411	45	2	59	43	6	76
Brazil	2,590	68	2,658	121	8	129	114	18	132
Mexico	4,043	128	4,171	155	14	169	206	33	239
<b>Total Latin America</b>	<b>7,917</b>	<b>218</b>	<b>8,135</b>	<b>321</b>	<b>24</b>	<b>345</b>	<b>363</b>	<b>56</b>	<b>419</b>
<b>Other Foreign</b>	<b>63,402</b>	<b>29,391</b>	<b>92,793</b>	<b>2,495</b>	<b>2,873</b>	<b>5,368</b>	<b>2,682</b>	<b>4,759</b>	<b>7,441</b>
<b>Total Foreign</b>	<b>184,607</b>	<b>270,808</b>	<b>455,415</b>	<b>7,335</b>	<b>16,209</b>	<b>23,544</b>	<b>7,535</b>	<b>17,158</b>	<b>24,695</b>

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

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

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2007 Annual Visitor Research Report.

## 10.1.7

## TOTAL AIR SEATS OPERATED TO KAHULUI AIRPORT

	2003	2004	2005	2006	2007
<b>TOTAL SEATS</b>	<b>1,480,866</b>	<b>1,631,999</b>	<b>1,894,234</b>	<b>1,993,762</b>	<b>1,910,630</b>
Scheduled Seats	1,444,386	1,590,819	1,852,814	1,954,782	1,875,590
Charter seats	36,480	41,180	41,420	38,980	35,040
<b>DOMESTIC SEATS</b>	<b>1,421,582</b>	<b>1,594,958</b>	<b>1,821,553</b>	<b>1,890,534</b>	<b>1,821,273</b>
Scheduled Seats	1,385,102	1,553,778	1,780,133	1,851,554	1,786,233
Charter seats	36,480	41,180	41,420	38,980	35,040
<b>US West</b>	<b>1,187,910</b>	<b>1,324,702</b>	<b>1,458,103</b>	<b>1,581,804</b>	<b>1,624,646</b>
Anchorage			15,680	12,544	15,456
Denver					21,518
Burbank	38,316	32,984	11,408		
Las Vegas		124		49,684	53,111
Los Angeles	562,663	545,667	527,885	553,026	489,980
Oakland	45,260	50,318	82,199	91,860	129,950
Orange County	45,260	45,384	62,744	45,260	45,260
Phoenix	22,282	21,599	61,635	144,719	152,164
Portland	37,260	48,530	38,620	53,328	96,360
Sacramento		14,136	45,012	45,260	47,836
Salt Lake City			70,131	94,050	53,379
San Diego	11,730	22,578	65,500	98,852	130,268
San Francisco	299,375	339,336	338,427	247,309	211,244
San Jose	45,584	47,956	6,574		
Seattle	80,180	156,090	132,288	145,912	45,260
<b>US East</b>	<b>197,192</b>	<b>229,076</b>	<b>322,030</b>	<b>269,750</b>	<b>152,164</b>
Atlanta		574	2,448	33,426	96,360
Chicago	57,077	81,957	174,886	145,889	47,836
Cincinnati					53,379
Dallas	88,313	77,573	77,018	78,659	130,268
Houston	36,374	68,972	67,678	11,776	211,244
St. Louis	15,428				
<b>INTERNATIONAL SEATS</b>	<b>59,284</b>	<b>37,041</b>	<b>72,681</b>	<b>103,228</b>	<b>89,357</b>
Scheduled Seats	59,284	37,041	72,681	103,228	89,357
Charter seats				NA	
<b>Canada</b>	<b>59,284</b>	<b>37,041</b>	<b>72,681</b>	<b>103,228</b>	<b>89,357</b>
Calgary	9,894		980	11,799	8,550
Edmonton	3,378			513	1,539
Vancouver	46,012	37,041	71,701	90,916	79,268

NA: Not available

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2007 Annual Visitor Research Report.

10.1.8

**HOTEL OCCUPANCY RATES, MAUI ISLAND**

<b>Month</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
January	77.9	66.2	72.4	78.2	78.7	79.5	76.5
February	85.2	78.3	79.9	83.1	85.9	86.1	82.2
March	84.9	77.8	78.4	83.6	86.2	83.8	79.6
April	77.7	72.7	74.1	80.6	77.4	80.4	71.5
May	72.4	68.3	71.8	76.5	78.6	80.0	71.0
June	75.7	75.2	75.3	79.3	83.8	81.8	75.7
July	80.6	78.8	83.8	82.4	84.9	85.1	81.8
August	80.3	81.4	84.2	82.9	81.8	84.4	81.6
September	58.1	64.6	67.1	73.0	75.4	76.7	73.7
October	60.9	68.1	70.2	74.6	77.0	77.5	77.9
November	64.9	62.2	67.6	70.7	73.2	72.2	74.4
December	58.0	62.5	70.6	69.1	71.5	72.1	71.7
<b>TOTAL</b>	<b>73.0</b>	<b>71.0</b>	<b>74.8</b>	<b>77.8</b>	<b>79.6</b>	<b>80.0</b>	<b>76.5</b>

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *2007 Annual Visitor Research Report*.

10.2.1

**CLASS OF UNITS BY ISLAND, MAUI COUNTY**

<b>Class (Price per Night)</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Maui</b>						
Budget: \$100 or less	14.7%	13.8%	11.4%	11.8%	12.0%	6.6%
Standard: \$101 to \$250	34.4%	33.5%	34.4%	33.1%	31.3%	28.5%
Deluxe: \$251 to \$500	64.2%	39.8%	40.0%	38.2%	36.7%	26.5%
Luxury: Over \$500	9.6%	12.9%	14.2%	16.9%	20.0%	38.3%
<b>Moloka'i</b>						
Budget: \$100 or less	25.6%	28.1%	27.8%	50.0%	51.2%	12.0%
Standard: \$101 to \$250	44.4%	43.9%	43.8%	34.0%	32.4%	31.3%
Deluxe: \$251 to \$500	30.0%	28.0%	28.4%	15.8%	16.3%	36.7%
Luxury: Over \$500				0.2%	0.0%	20.0%
<b>Lāna'i</b>						
Budget: \$100 or less	2.0%	2.0%	1.9%	1.7%	0.8%	0.8%
Standard: \$101 to \$250	2.7%	2.7%	2.9%	3.2%	3.7%	3.5%
Deluxe: \$251 to \$500	47.2%	47.2%	43.3%	43.3%	48.9%	43.6%
Luxury: Over \$500	48.2%	48.2%	51.8%	51.8%	46.6%	52.0%

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2007 Visitor Plant Inventory.

10.2.2

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

	2003		2004		2005		2006		2007	
	Properties	Available Units	Properties	Available Units	Properties	Available Units	Properties	Available Units	Properties	Available Units
<b>Maui</b>										
Apartment/Hotel	6	69	8	45	6	45	5	37	3	17
Bed & Breakfast	22	110	27	144	29	116	30	122	27	114
Hostel	2	30	2	30	3	37	3	37	3	40
Hotel	29	8,379	31	8,065	29	7,974	27	7,595	26	7,458
Condominium										
Hotel	106	7,955	114	7,085	112	7,509	114	7,830	81	6,170
Individual										
Vacation Unit	63	638	90	549	72	570	71	495	209	2,195
Timeshare	–	–	–	1,512	15	1,852	16	1,959	26	2,916
Other	19	730	16	387	15	366	15	366	12	306
<b>Total</b>	<b>247</b>	<b>17,911</b>	<b>288</b>	<b>17,817</b>	<b>281</b>	<b>18,469</b>	<b>281</b>	<b>18,441</b>	<b>387</b>	<b>19,216</b>
<b>Moloka'i</b>										
Bed & Breakfast	2	3	3	3	2	3	2	3	2	3
Hotel	1	45	2	114	3	141	3	141	2	112
Condominium										
Hotel	6	159	6	140	6	259	6	259	6	151
Individual										
Vacation Unit	17	26	22	31	23	30	22	29	15	31
TimeShare	–	–	–	7	0	15	0	15	1	7
Other	2	66	1	4	1	4	1	4	2	5
<b>Total</b>	<b>28</b>	<b>299</b>	<b>33</b>	<b>299</b>	<b>35</b>	<b>452</b>	<b>34</b>	<b>451</b>	<b>28</b>	<b>309</b>
<b>Lāna'i</b>										
Apartment/Hotel	–	–	1	1	1	1	1	1	1	1
Bed & Breakfast	1	3	1	3	1	3	1	3	1	3
Hotel	3	362	3	362	3	362	3	362	3	349
Individual										
Vacation Unit	2	3	2	3	2	3	1	1	1	1
TimeShare	–	–	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–	–	–
<b>Total</b>	<b>6</b>	<b>368</b>	<b>7</b>	<b>369</b>	<b>7</b>	<b>369</b>	<b>6</b>	<b>367</b>	<b>6</b>	<b>354</b>

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: Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2007 Visitor Plant Inventory.

## 10.2.3

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

2007 Island/Area/Type	Properties	Available Units
<b>Maui Island</b>	<b>387</b>	<b>19,216</b>
<b>Hāna</b>	<b>24</b>	<b>164</b>
Bed & Breakfast	2	2
Hotel	1	70
Individual Vacation Unit	17	63
TimeShare	1	17
Other	3	12
<b>Kahului-Wailuku</b>	<b>16</b>	<b>498</b>
Apartment/Hotel	1	3
Bed & Breakfast	1	10
Condominium Hotel	2	38
Hostel	3	40
Hotel	4	385
Individual Vacation Unit	4	7
Other	1	15
<b>Kula-Makawao</b>	<b>31</b>	<b>87</b>
Bed & Breakfast	8	32
Individual Vacation Unit	21	43
Other	2	12
<b>Lahaina-Kā'anapali-Nāpili-Kapalua</b>	<b>152</b>	<b>10,400</b>
Apartment/ Hotel	2	14
Bed & Breakfast	10	53
Condominium Hotel	34	3,382
Hotel	10	3,656
Individual Vacation Unit	80	713
TimeShare	15	2,370
Other	1	212
<b>Mā'alaea</b>	<b>8</b>	<b>196</b>
Condominium Hotel	4	130
Individual Vacation Unit	4	62
TimeShare	-	4
<b>Wailea-Kihei</b>	<b>156</b>	<b>7,871</b>
Bed & Breakfast	6	17
Condominium Hotel	41	2,620
Hotel	11	3,347
Individual Vacation Unit	83	1,307
TimeShare	10	525
Other	5	55
<b>Moloka'i</b>	<b>28</b>	<b>309</b>
Bed & Breakfast	2	3
Condominium Hotel	6	151
Hotel	2	112
Individual Vacation Unit	15	31
TimeShare	1	7
Other	2	5
<b>Lāna'i</b>	<b>6</b>	<b>354</b>
Apartment/Hotel	1	1
Bed & Breakfast	1	3
Hotel	3	349
Individual Vacation Unit	1	1

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2007 Visitor Plant Inventory.



10.2.4

**VISITOR PLANT INVENTORY,  
MAUI COUNTY**

<b>Year</b>	<b>Available Units</b>
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	18,343
2004	18,485
2005	19,290
2006	19,259
2007	19,879

Notes: Includes hotels and condominiums available for transient rental. HVCB did not conduct an update survey in 1995.

NA: not available.

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *2007 Visitor Plant Inventory*.

## 10.2.5

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

2007	Hotel	Number of Sleeping Rooms & Suites	Location	Property Type	Range of Rates
1	Hyatt Regency Maui Resort and Spa	806	Lahaina, Maui	Hotel	\$311-\$765
2	Grand Wailea Resort Hotel & Spa	780	Wailea, Maui	Resort	\$495-\$15,000
3	The Westin Maui Resort & Spa	758	Lahaina, Maui	Resort	\$485-\$3,500
4	The Ritz-Carlton Kapalua	548	Kapalua, Maui	Resort	\$475-\$3,750
5	Wailea Beach Marriott Resort & Spa	546	Wailea, Maui	Resort	\$475-\$5,800
6	Sheraton Maui Resort	510	Lahaina, Maui	Resort	\$500-\$3,000
7	The Royal Lahaina Resort	506	Lahaina, Maui	Resort	\$175-\$2,500
8	ResortQuest Kā'anapali Shores	463	Lahaina, Maui	Condo/Resort	\$220-\$1,000
9	The Fairmont Kea Lani Resort	450	Wailea, Maui	Resort	\$475-\$3,100
10	Kā'anapali Beach Hotel	430	Lahaina, Maui	Hotel	\$195-\$460
11	ResortQuest at Papakea Resort	364	Lahaina, Maui	Condo/Hotel	\$235-\$775
12	The Whaler on Kā'anapali Beach	360	Lahaina, Maui	Condo/Hotel	\$255-\$760
13	Renaissance Wailea Beach Resort	345	Wailea, Maui	Resort	\$459-\$4,000
14	Four Seasons Resort	335	Wailea, Maui	Resort	\$425-\$11,500
15	Maui Prince Mākena Resort	310	Wailea, Maui	Resort	\$378 - \$1,500
16	Maui Marc Vista	279	Kihei, Maui	Condo/Resort	\$210- \$280
17	Maui Coast Hotel	265	Kihei, Maui	Hotel	\$240-\$300
18	ResortQuest Maui Kā'anapali Villas	260	Lahaina, Maui	Condo/Resort	\$130-\$650
19	ResortQuest at the Maui Banyan	256	Kihei, Maui	Condo/Hotel	\$114-\$520
20	Four Seasons Resort Lāna'i at Manele Bay	236	Lāna'i	Resort	\$395-\$8,940
21	Outrigger Royal Kahana Resort	236	Lahaina, Maui	Condo/Resort	\$225-\$479
22	ResortQuest Mahana at Kā'anapali	215	Lahaina, Maui	Condo/Resort	\$195-\$705
23	Kama'ole Sands	198	Kihei, Maui	Condo/Resort	\$230-\$545
24	Outrigger Maui Eldorado	191	Lahaina, Maui	Condo/Resort	\$249-\$539
25	Maui Seaside Hotel	190	Kahului, Maui	Hotel	\$105-\$150

SOURCE: Pacific Business News, "Largest Maui County Hotels," *Book of Lists 2008*

## 10.3.1

**EXPENDITURES PER PERSON PER DAY  
BY UNITED STATES AND JAPANESE VISITORS,  
STATE OF HAWAI'I**

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

Expenditure Type	US East		US West		Japan	
	2006r	2007	2006r	2007	2006r	2007
<b>GRAND TOTAL</b>	<b>181.1</b>	<b>192.8</b>	<b>156.5</b>	<b>155.9</b>	<b>266.5</b>	<b>268.8</b>
<b>Total Food and beverage</b>	<b>35.2</b>	<b>36.0</b>	<b>31.9</b>	<b>32.3</b>	<b>42.0</b>	<b>42.9</b>
Restaurant food	24.8	25.1	21.2	21.0	29.1	29.7
Dinner shows and cruises	4.4	4.4	3.3	3.7	5.3	5.3
Groceries and snacks	6.0	6.5	7.4	7.7	7.6	7.9
<b>Entertainment &amp; Recreation</b>	<b>19.1</b>	<b>19.2</b>	<b>15.0</b>	<b>14.4</b>	<b>19.7</b>	<b>20.3</b>
<b>Total Transportation</b>	<b>17.8</b>	<b>22.0</b>	<b>16.7</b>	<b>17.6</b>	<b>11.6</b>	<b>11.7</b>
Interisland airfare	3.3	7.9	2.9	5.0	3.7	3.6
Ground transportation	1.0	0.9	0.7	0.6	4.8	4.8
Rental vehicles	11.8	11.5	11.6	10.6	2.7	2.9
Gasoline, parking, etc.	1.7	1.6	1.5	1.4	0.3	0.4
<b>Total Shopping</b>	<b>22.5</b>	<b>23.2</b>	<b>20.6</b>	<b>20.1</b>	<b>98.8</b>	<b>94.7</b>
Fashion and clothing	7.9	7.8	7.9	7.4	26.1	25.1
Jewelry and watches	6.0	5.6	5.1	4.7	13.6	11.8
Cosmetics, perfume	0.3	0.4	0.3	0.4	5.6	5.5
Leather goods	0.5	0.8	0.6	0.7	33.7	32.0
Hawai'i food products	2.0	2.2	2.1	2.1	10.7	11.2
Souvenirs	5.8	6.5	4.6	4.7	9.0	9.1
<b>Lodging</b>	<b>73.5</b>	<b>74.4</b>	<b>64.3</b>	<b>63.4</b>	<b>75.4</b>	<b>79.0</b>
<b>All other expenses<sup>1</sup></b>	<b>13.0</b>	<b>18.1</b>	<b>8.0</b>	<b>8.1</b>	<b>19.0</b>	<b>20.2</b>

Note: On-ship spending by cruise visitors on U.S. Flagged Hawai'i home-ported ships are included in the specific expenditure categories

r: revised from previous Data Book.

<sup>1</sup> Includes cruise package spending on U.S. Flagged Hawai'i home-ported ships.

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2007 Annual Visitor Research Report.

## 10.3.2

**CRUISE VISITOR PER PERSON PER DAY SPENDING  
BY CATEGORY AND MMA, MAUI COUNTY**

	<b>All Visitors</b>	<b>US West</b>	<b>US East</b>	<b>Canada</b>	<b>Other</b>
<b>Total per person per day spending</b>	<b>65.47</b>	<b>50.98</b>	<b>73.99</b>	<b>69.18</b>	<b>62.97</b>
<b>Lodging</b>	<b>7.21</b>	<b>4.33</b>	<b>7.59</b>	<b>12.46</b>	<b>9.02</b>
<b>Food &amp; beverages</b>	<b>6.80</b>	<b>5.93</b>	<b>7.26</b>	<b>8.70</b>	<b>5.91</b>
Restaurant	4.00	3.35	4.33	4.93	3.80
Dinner shows	1.71	1.47	1.97	1.97	1.35
Groceries/snacks	1.09	1.11	0.97	1.80	0.76
<b>Entertainment and Recreation</b>	<b>3.57</b>	<b>3.32</b>	<b>3.66</b>	<b>4.30</b>	<b>3.20</b>
<b>Shore Tour</b>	<b>19.42</b>	<b>13.19</b>	<b>24.80</b>	<b>16.70</b>	<b>18.23</b>
<b>Total Transportation</b>	<b>7.12</b>	<b>5.86</b>	<b>7.92</b>	<b>8.64</b>	<b>6.03</b>
Inter-island airfare	1.31	0.85	1.52	2.00	1.10
Ground transportation	0.85	0.54	1.09	0.74	0.74
Rental car/moped	4.28	3.89	4.57	4.99	3.69
Other trans	0.67	0.57	0.75	0.92	0.50
<b>Total Shopping</b>	<b>15.93</b>	<b>13.91</b>	<b>16.79</b>	<b>14.77</b>	<b>14.60</b>
Fashion & clothing	4.22	3.75	4.48	4.57	4.56
Jewelry/watch	5.92	5.14	5.62	5.08	4.92
Cosmetics/perfumes	0.17	0.12	0.19	0.10	0.29
Leather goods	0.22	0.27	0.12	0.39	0.40
Hawaii food products	1.24	1.19	1.35	1.17	1.12
Souvenirs	4.15	3.44	5.04	3.46	3.31
<b>All other spending outside ship</b>	<b>5.42</b>	<b>4.45</b>	<b>5.96</b>	<b>3.61</b>	<b>5.98</b>

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2007 Annual Visitor Research Report.

**10.3.3**  
**SUMMARY VISITOR CHARACTERISTICS,**  
**MAUI COUNTY**

*Arrivals by Air*

<b>2007</b>	<b>Total</b>	<b>Domestic</b>	<b>International</b>
<b>Islands Visited</b>			
Maui County	2,522,043	2,224,813	297,230
Maui	2,463,594	2,172,682	290,913
Moloka'i	83,164	65,197	17,966
Lāna'i	100,350	81,160	19,190
O'ahu	914,618	721,500	193,118
Kaua'i	498,894	436,896	61,998
Big Island	544,405	464,877	79,528
Kona	394,166	332,760	61,406
Hilo	471,772	404,942	66,830
Maui County Only	1,401,551	1,309,460	92,091
<b>Visit Status</b>			
First trip	883,760	755,312	128,448
Repeat	1,638,283	1,469,500	168,782
Average number of trips	4.73	4.88	3.56
<b>Party Size</b>			
One person	330,461	307,122	23,339
Two persons	1,177,991	1,043,401	134,590
Three or more persons	1,013,591	874,290	139,301
Average party size	2.17	2.13	2.46
<b>Accommodations<sup>1</sup></b>			
Hotel	1,357,822	1,156,615	201,207
Hotel Only	983,292	834,350	148,942
Condo	704,304	628,037	76,267
Condo Only	533,731	482,517	51,214
Timeshare	268,691	257,757	10,934
Timeshare Only	193,088	186,342	6,745
Apartment/Rental House	89,289	79,754	9,535
Bed & Breakfast	32,534	27,741	4,794
Cruise Ship	321,938	291,281	30,657
Friends or Relatives	173,025	154,370	18,655

<sup>1</sup> Accommodations here do not indicate the number of visitors who used a particular accommodation just on Maui County but statewide

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2007 Annual Visitor Research Report.

## 10.3.4

### SUMMARY VISITOR CHARACTERISTICS, BY ISLAND

*Arrivals by Air*

2007	Maui	Moloka'i	Lāna'i
<b>Islands Visited</b>			
Maui County	2,463,594	83,163	100,350
Maui	2,463,595	55,211	68,769
Moloka'i	55,211	83,163	25,102
Lāna'i	68,769	25,102	100,350
O'ahu	889,362	50,137	55,217
Kaua'i	491,375	31,051	39,521
Big Island	533,412	35,610	45,198
Kona	389,813	29,510	36,620
Hilo	462,639	32,207	41,531
Maui Only	1,342,248		
Moloka'i Only		10,268	
Lāna'i Only			14,094
<b>Visit Status</b>			
First trip	870,283	31,940	39,879
Repeat	1,593,311	51,223	60,471
Average number of trips	4.68	4.79	4.65
<b>Party Size</b>			
One person	319,233	15,207	14,703
Two persons	1,148,290	40,486	52,145
Three or more persons	996,071	27,471	33,502
Average party size	2.17	1.98	2.05
<b>Accommodations<sup>1</sup></b>			
Hotel	1,321,706	43,940	67,166
Hotel Only	955,312	23,499	45,586
Condo	693,314	20,339	14,492
Condo Only	526,701	12,529	8,648
Timeshare	265,350	5,247	5,792
Timeshare Only	191,174	2,802	3,646
Apartment/Rental House	83,880	7,504	3,495
Bed & Breakfast	31,462	2,728	2,094
Cruise Ship	320,782	15,736	21,613
Friends or Relatives	163,957	10,406	8,046

NA: Not applicable

<sup>1</sup> Accommodations here do not indicate the number of visitors who used a particular accommodation just on Maui Island but statewide

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2007 Annual Visitor Research Report.

10.3.5

**CRUISE VISITOR PER PERSON PER DAY SPENDING  
BY CATEGORY AND MMA, MAUI COUNTY**

2007	All Visitors	US West	US East	Canada	Other
<b>Total per person per day spending</b>	<b>65.47</b>	<b>50.98</b>	<b>73.99</b>	<b>69.18</b>	<b>62.97</b>
<b>Lodging</b>	<b>7.21</b>	<b>4.33</b>	<b>7.59</b>	<b>12.46</b>	<b>9.02</b>
<b>Food &amp; beverages</b>	<b>6.80</b>	<b>5.93</b>	<b>7.26</b>	<b>8.70</b>	<b>5.91</b>
Restaurant	4.00	3.35	4.33	4.93	3.80
Dinner shows	1.71	1.47	1.97	1.97	1.35
Groceries/snacks	1.09	1.11	0.97	1.80	0.76
<b>Entertainment and Recreation</b>	<b>3.57</b>	<b>3.32</b>	<b>3.66</b>	<b>4.30</b>	<b>3.20</b>
<b>Shore Tour</b>	<b>19.42</b>	<b>13.19</b>	<b>24.80</b>	<b>16.70</b>	<b>18.23</b>
<b>Total Transportation</b>	<b>7.12</b>	<b>5.86</b>	<b>7.92</b>	<b>8.64</b>	<b>6.03</b>
Inter-island airfare	1.31	0.85	1.52	2.00	1.10
Ground transportation	0.85	0.54	1.09	0.74	0.74
Rental car/moped	4.28	3.89	4.57	4.99	3.69
Other trans	0.67	0.57	0.75	0.92	0.50
<b>Total Shopping</b>	<b>15.93</b>	<b>13.91</b>	<b>16.79</b>	<b>14.77</b>	<b>14.60</b>
Fashion & clothing	4.22	3.75	4.48	4.57	4.56
Jewelry/watch	5.92	5.14	5.62	5.08	4.92
Cosmetics/perfumes	0.17	0.12	0.19	0.10	0.29
Leather goods	0.22	0.27	0.12	0.39	0.40
Hawaii food products	1.24	1.19	1.35	1.17	1.12
Souvenirs	4.15	3.44	5.04	3.46	3.31
<b>All other spending outside ship</b>	<b>5.42</b>	<b>4.45</b>	<b>5.96</b>	<b>3.61</b>	<b>5.98</b>

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2007 Annual Visitor Research Report.

## 10.3.6

TOTAL CRUISE PASSENGERS BY MMA<sup>1</sup>

	Visitors	US West	US East	Canada	Europe	Other	Hawai'i Residents	Total Passengers
<b>2007</b>								
<b>Total Passengers</b>	<b>503,019</b>	<b>148,610</b>	<b>242,522</b>	<b>44,431</b>	<b>10,702</b>	<b>56,754</b>	<b>10,820</b>	<b>513,839</b>
<b>Island Visitation</b>								
<b>(# of Passengers)</b>								
Maui County	486,103	142,448	235,917	42,339	10,126	55,273	10,710	496,813
Maui	486,103	142,448	235,917	42,339	10,126	55,273	10,710	496,813
Moloka'i	7,888	3,432	3,286	368	74	728	146	8,035
Lāna'i	10,461	4,793	4,208	497	122	841	32	10,493
<b>2006</b>								
<b>Total Passengers</b>	<b>415,967</b>	<b>131,156</b>	<b>217,229</b>	<b>34,530</b>	<b>9,873</b>	<b>23,179</b>	<b>10,227</b>	<b>426,194</b>
<b>Island Visitation</b>								
<b>(# of Passengers)</b>								
Maui County	406,513	127,725	212,635	33,800	9,665	22,689	10,227	416,740
Maui	406,513	127,725	212,635	33,800	9,665	22,689	10,227	416,740
Moloka'i	7,839	3,037	3,558	713	174	359	262	8,101
Lāna'i	7,600	3,170	3,351	511	155	413	101	7,701
<b>2005</b>								
<b>Total Passengers</b>	<b>316,546</b>	<b>89,914</b>	<b>170,879</b>	<b>27,943</b>	<b>8,769</b>	<b>19,040</b>	<b>4,977</b>	<b>321,522</b>
<b>Island Visitation</b>								
<b>( # of Passengers)</b>								
Maui County	314,123	89,226	169,571	27,729	8,702	18,894	4,779	318,901
Maui	314,123	89,226	169,571	27,729	8,702	18,894	4,779	318,901
Moloka'i	11,849	4,516	5,512	770	347	703	54	11,903
Lāna'i	13,323	4,892	6,402	837	350	842	38	13,361
<b>2004</b>								
<b>Total Passengers</b>	<b>240,800</b>	<b>67,271</b>	<b>127,532</b>	<b>16,240</b>	<b>7,700</b>	<b>22,057</b>	<b>3,577</b>	<b>244,377</b>
<b>Island Visitation</b>								
<b>(# of Passengers)</b>								
Maui County	230,394	64,364	122,021	15,538	7,367	21,104	3,577	233,971
Maui	230,394	64,364	122,021	15,538	7,367	21,104	3,577	233,971
Moloka'i	7,573	2,733	3,850	520	134	335	72	7,645
Lāna'i	8,971	3,215	4,639	536	188	393	17	8,988
<b>2003</b>								
<b>Total Passengers</b>	<b>230,495</b>	<b>65,822</b>	<b>125,645</b>	<b>15,064</b>	<b>6,368</b>	<b>17,596</b>	<b>5,654</b>	<b>236,149</b>
<b>Island Visitation</b>								
<b>(# of Passengers)</b>								
Maui County	212,428	60,786	116,033	13,911	5,880	15,817	5,654	218,082
Maui	212,428	60,786	116,033	13,911	5,880	15,817	5,654	218,082
Moloka'i	5,090	2,110	2,436	256	42	245	73	5,163
Lāna'i	6,009	2,260	3,143	243	40	323	48	6,057

<sup>1</sup> MMA: Major Market Area.

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2003-2007 Annual Visitor Research Report.



### 10.3.7

## CRUISE/PASSENGER SHIP SCHEDULE, KAHULUI HARBOR AND LAHAINA SMALL BOAT HARBOR

Month	Maximum Passenger Capacity (Number of Ships)							
	2007		2008		2009		2010	
<b>Kahului Harbor</b>								
January	29,388	(14)	26,514	(12)	8,584	(4)	10,730	(5)
February	25,112	(12)	13,228	(8)	8,584	(4)	8,584	(4)
March	27,114	(13)	11,238	(5)	10,730	(5)	8,584	(4)
April	31,498	(15)	13,362	(6)	14,956	(7)	10,708	(5)
May	27,250	(13)	11,238	(5)	10,730	(5)	14,856	(7)
June	27,114	(13)	10,730	(5)	8,584	(4)	8,584	(4)
July	27,250	(13)	8,584	(4)	8,584	(4)	8,584	(4)
August	29,252	(14)	10,730	(5)	10,730	(5)	10,730	(5)
September	32,036	(15)	8,584	(4)	10,708	(5)	12,832	(5)
October	33,912	(16)	10,708	(5)	8,584	(4)	12,854	(6)
November	29,514	(14)	10,730	(5)	10,730	(5)	8,584	(4)
December	32,050	(15)	8,584	(4)	8,584	(4)	8,584	(4)
<b>Total</b>	<b>351,490</b>	<b>(167)</b>	<b>144,230</b>	<b>(56)</b>	<b>111,504</b>	<b>(52)</b>	<b>113,484</b>	<b>(52)</b>
<b>Lahaina Small Boat Harbor</b>								
January	15,070	(9)	27,962	(14)	12,238	(6)	8,530	(5)
February	13,812	(8)	13,228	(8)	10,208	(5)	6,640	(3)
March	21,208	(12)	18,790	(9)	13,848	(8)	10,114	(5)
April	17,332	(9)	18,922	(9)	14,057	(7)	23,146	(12)
May	11,800	(8)	17,674	(10)	5,850	(3)	15,748	(8)
June	4,340	(4)	8,008	(4)	0	(0)	0	(0)
July	3,670	(3)	3,450	(2)	1,950	(1)	0	(0)
August	3,670	(3)	10,806	(5)	0	(0)	0	(0)
September	21,726	(13)	6,280	(5)	12,088	(7)	0	(0)
October	37,010	(21)	23,388	(12)	14,328	(7)	16,002	(8)
November	19,910	(10)	14,470	(6)	13,280	(6)	10,680	(5)
December	14,970	(7)	4,270	(2)	9,520	(5)	6,640	(3)
<b>Total</b>	<b>184,518</b>	<b>(107)</b>	<b>167,248</b>	<b>(86)</b>	<b>107,367</b>	<b>(55)</b>	<b>97,500</b>	<b>(49)</b>

Max Passengers: Ship capacity, not actual passenger counts.

Ship and passenger counts prior to last dated report from previous report. Not actual counts.

SOURCE: State of Hawai'i, Department of Transportation, Harbors Division, Maui District, Kahului Harbor Cruise/Passenger Ship Schedule, last modified on February 23, 2008 and Department of Land and Natural Resources, Division of Boating & Ocean Recreation, Schedule of Passenger/Cruise Vessels and Military Vessels (Offshore) October 06, 2008.

## 10.4.1

## ACTIVITY PARTICIPATION MAUI ISLAND, BY VISITOR CATEGORY

Activity	U.S. West	U.S. East	Japan	Canada	Europe
<b>All Sightseeing</b>	<b>85.8%</b>	<b>91.7%</b>	<b>93.4%</b>	<b>92.2%</b>	<b>93.6%</b>
Helicopter/plane tour	5.9%	9.3%	5.0%	5.9%	10.0%
Boat/submarine/whale watching	31.6%	35.0%	12.5%	29.7%	32.9%
Tour bus excursion	7.0%	18.3%	57.4%	21.2%	17.8%
Private limousine/van tour	2.7%	4.9%	5.2%	4.9%	15.3%
Self-guided	74.9%	70.9%	32.5%	69.8%	68.3%
<b>All Recreation</b>	<b>87.5%</b>	<b>81.0%</b>	<b>43.8%</b>	<b>77.8%</b>	<b>84.7%</b>
Swimming/sunbathing/beach	79.1%	72.1%	30.0%	70.7%	78.3%
Surfing/bodyboarding	23.8%	16.0%	2.1%	24.5%	15.9%
Snorkeling/scuba diving	55.2%	45.0%	8.8%	43.4%	40.8%
Jet skiing/parasailing/windsurfing	6.2%	3.0%	1.7%	2.3%	5.6%
Golf	13.7%	10.2%	8.8%	12.2%	6.6%
Running/jogging/fitness walking	37.2%	30.1%	12.8%	34.2%	22.4%
Spa	13.4%	10.4%	4.0%	6.2%	6.2%
Backpacking/hiking/camping	16.2%	17.1%	1.9%	14.4%	19.0%
Sports event/tournament	2.1%	1.9%	1.8%	2.6%	2.0%
<b>All Entertainment</b>	<b>90.1%</b>	<b>84.0%</b>	<b>74.8%</b>	<b>78.4%</b>	<b>84.6%</b>
Lunch/sunset/dinner/evening	26.1%	25.6%	30.1%	21.4%	31.6%
Lounge act/stage show	24.9%	24.2%	10.3%	20.6%	18.3%
Nightclub/dancing/bar/karaoke	11.0%	9.3%	2.1%	7.2%	12.0%
Fine dining	61.3%	52.9%	58.0%	43.5%	46.0%
Family restaurant/diner	67.7%	60.1%	24.3%	55.3%	52.9%
Ethnic dining	33.1%	27.0%	6.4%	21.6%	20.6%
Prepared own meal	49.8%	32.0%	10.3%	47.5%	36.3%
<b>All Shopping</b>	<b>92.2%</b>	<b>87.8%</b>	<b>68.8%</b>	<b>87.7%</b>	<b>88.6%</b>
Department stores	31.1%	27.1%	5.5%	38.3%	40.3%
Designer boutiques	37.6%	32.1%	14.3%	35.3%	25.0%
Hotel stores	34.5%	32.1%	19.6%	24.0%	21.7%
Swap meet	20.0%	15.6%	5.0%	20.8%	11.1%
Discount/outlet stores	30.3%	26.2%	11.2%	25.3%	18.3%
Supermarkets	67.3%	51.0%	29.9%	54.7%	65.3%
Convenience stores	53.2%	45.3%	27.3%	49.5%	32.2%
Duty free	4.0%	1.9%	7.6%	3.2%	6.5%
Local shops/artisans	70.1%	64.2%	36.1%	65.4%	59.7%
<b>All Culture</b>	<b>73.8%</b>	<b>75.8%</b>	<b>45.5%</b>	<b>73.4%</b>	<b>71.1%</b>
Historic site	44.8%	42.3%	21.9%	42.2%	39.1%
Museum/art gallery	31.1%	24.2%	9.4%	26.3%	22.0%
Polynesian show/luau/hula	37.2%	41.1%	10.6%	32.5%	29.9%
Play/concert	7.1%	6.3%	0.9%	5.5%	5.2%
Art/craft fair	18.2%	14.5%	0.6%	12.6%	9.8%
Parks/gardens	42.7%	46.6%	25.0%	48.0%	45.7%
Festival	3.8%	2.6%	0.7%	1.2%	2.2%
<b>All Transportation</b>	<b>87.0%</b>	<b>80.2%</b>	<b>42.9%</b>	<b>79.2%</b>	<b>82.3%</b>
Trolley	2.9%	4.0%	4.7%	4.7%	6.2%
Public Bus	3.2%	4.0%	8.8%	7.1%	10.4%
Taxi/limousine	6.0%	6.5%	13.4%	8.4%	18.6%
Rental Car	82.6%	73.0%	20.5%	70.0%	65.6%
<b>Meeting</b>	<b>2.9%</b>	<b>2.7%</b>	<b>1.3%</b>	<b>1.4%</b>	<b>1.2%</b>
<b>Convention</b>	<b>2.6%</b>	<b>1.9%</b>	<b>0.0%</b>	<b>2.3%</b>	<b>0.8%</b>
<b>Incentive/Reward</b>	<b>2.8%</b>	<b>3.3%</b>	<b>0.7%</b>	<b>2.1%</b>	<b>1.1%</b>

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

SOURCE: Department of Business, Economic Development and Tourism. *2007 Visitor Satisfaction & Activity Report*.

## 10.4.2

### EXCELLENT SATISFACTION RATINGS BY ISLAND, US AND JAPAN VISITORS

Year	State	Maui	Moloka'i	Lāna'i	O'ahu	Big Island	Kaua'i
<b>U.S. Visitors</b>							
2003	72.4%	73.6%	53.6%	61.7%	60.1%	65.1%	76.4%
2004	68.2%	70.3%	57.8%	60.9%	55.8%	63.2%	73.3%
2005	67.4%	73.3%	65.9%	43.1%	55.1%	51.6%	70.6%
2006	66.6%	69.1%	60.4%	65.7%	55.3%	52.8%	66.9%
2007	68.3%	68.1%	53.6%	60.6%	58.0%	62.0%	72.4%
<b>Japan Visitors</b>							
2003	52.0%	53.7%	41.7%	50.0%	55.1%	57.3%	41.6%
2004	51.0%	53.0%	49.7%	19.1%	53.4%	57.7%	46.3%
2005	53.0%	57.8%	57.4%	34.0%	53.7%	46.6%	47.9%
2006	51.7%	50.9%	42.5%	56.3%	53.0%	49.1%	42.0%
2007	50.9%	54.0%	64.3%	86.3%	51.1%	56.6%	48.0%

SOURCE: Department of Business, Economic Development and Tourism, *2007 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
<b>Maui</b>						
Decide before arrival in Hawaii	96.9%	96.5%	97.4%	94.2%	97.2%	92.9%
Decide after arrival in Hawaii	3.1%	3.5%	2.6%	5.8%	2.8%	7.1%
<b>Moloka'i</b>						
Decide before arrival in Hawaii	61.9%	61.5%	62.8%	24.9%	75.5%	66.2%
Decide after arrival in Hawaii	38.1%	38.5%	37.2%	75.1%	24.5%	33.8%
<b>Lāna'i</b>						
Decide before arrival in Hawaii	55.4%	50.6%	61.2%	35.2%	73.7%	69.4%
Decide after arrival in Hawaii	44.6%	49.4%	38.8%	64.8%	26.3%	30.6%

SOURCE: Department of Business, Economic Development and Tourism, *2007 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
<b>Maui Island</b>						
Excellent	68.1%	67.8%	68.7%	54.0%	62.4%	66.2%
Above Average	28.1%	28.2%	28.0%	37.8%	34.0%	29.6%
Below Average	3.3%	3.8%	2.5%	7.7%	3.5%	3.3%
Poor	0.5%	0.3%	0.8%	0.4%	0.2%	0.9%
<b>Moloka'i</b>						
Excellent	53.6%	54.6%	50.7%	64.3%	65.6%	46.1%
Above Average	35.6%	35.1%	37.1%	35.7%	26.0%	33.7%
Below Average	8.8%	7.6%	12.1%	0.0%	8.4%	14.1%
Poor	2.0%	2.7%	0.0%	0.0%	0.0%	6.0%
<b>Lāna'i</b>						
Excellent	60.6%	63.3%	57.7%	86.3%	55.4%	47.3%
Above Average	30.2%	21.4%	39.8%	13.7%	42.5%	47.6%
Below Average	7.8%	14.0%	1.1%	0.0%	2.1%	5.1%
Poor	11.3%	1.3%	1.4%	0.0%	0.0%	0.0%

SOURCE: Department of Business, Economic Development and Tourism, *2007 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	Europe <sup>1</sup>
Under \$15,000	0.7%	0.9%	0.4%	1.0%	3.8%
\$15,000 - \$24,999	1.2%	1.1%	1.4%	0.9%	4.0%
\$25,000 - \$29,999	1.9%	1.8%	2.0%	1.7%	4.1%
\$30,000 - \$34,999	2.7%	2.7%	2.7%	2.1%	2.5%
\$35,000 - \$39,999	1.8%	2.0%	1.5%	2.8%	2.1%
\$40,000 - \$44,999	2.4%	2.3%	2.6%	3.2%	6.9%
\$45,000 - \$49,999	3.3%	3.5%	3.1%	3.2%	4.5%
\$50,000 - \$69,999	12.9%	13.4%	12.1%	14.3%	12.6%
\$70,000 - \$99,999	19.7%	18.4%	21.7%	20.6%	17.4%
\$100,000 - \$124,999	17.0%	16.5%	17.7%	16.1%	13.5%
\$125,000 - \$149,999	9.5%	9.4%	9.6%	10.3%	7.2%
\$150,000 - \$199,000	12.2%	12.0%	12.5%	8.2%	9.5%
\$200,000 or more	14.7%	16.0%	12.8%	15.5%	11.7%

#### Japan

##### 10,000 Japanese Yen

150 or less	2.7%
150 - 249.999	4.9%
250 - 299.999	5.1%
300 - 349.999	3.6%
350 - 399.999	6.6%
400 - 449.999	4.6%
450 - 499.999	6.2%
500 - 699.999	20.9%
700 - 999.999	18.7%
1,000 - 1,249.999	12.9%
1,250 - 1,499.999	4.0%
1,500 - 1,999.999	3.5%
2,000 or more	6.3%

<sup>1</sup> In U.S. Dollars

SOURCE: Department of Business, Economic Development and Tourism, *2007 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	2004	2005	2006	2007
<b>Maui</b>				
Alexander & Baldwin Sugar Museum	35,483	38,591	41,295	38,453
Haleki'i-Pihana Heiaus State Monument <sup>1</sup>	2,920	2,800	2,920	12,000
Hāna Cultural Center (Hale Wai Wai 'O Hana)	7,985	10,436	(NA)	8,541
Hawai'i Nature Center	NA	NA	NA	NA
Haleakalā National Park	1,455,477	1,474,681	1,426,068	1,322,817
'Īao Valley State Monument <sup>1</sup>	547,800	529,500	549,420	431,400
Kula Botanical Gardens	26,175	28,520	31,548	29,275
Lahaina Restoration Foundation	148,784	134,735	173,706	169,159
Baldwin Missionary Home Museum	40,927	38,308	43,671	43,335
Hale Pa'āhao (Old Lahaina Prison)	28,536	27,746	29,238	28,927
Hale Pa'i Printing House	3,068	3,866	4,871	1,364
Wo Hing Temple Museum	76,253	64,815	95,926	95,533
Maui Historical Society Bailey House Museum	12,651	12,874	12,797	12,962
Maui Ocean Center	417,386	436,814	462,843	471,570
Maui Tropical Plantation	NA	NA	NA	NA
Whaler's Village Museum	178,906	164,559	180,272	221,562
<b>Moloka'i</b>				
Kalaupapa National Historic Park	61,797	48,772	46,839	60,992
Kalaupapa Settlement	9,122	9,622	9,911	9,292

NA: Not available, Not open.

<sup>1</sup> Years ending June 30.

SOURCE: Hawai'i State Department of Business, Economic Development & Tourism, Research and Economic Analysis Division, *State of Hawai'i Data Book 2007*.

## 10.5.2

### NATIONAL AND STATE HISTORIC SITES, MAUI COUNTY

2004	Maui	Kaho'olawe	Lāna'i	Moloka'i	Total Maui County
Listed Hawai'i Register only	31	–	–	41	72
Listed National Register only	4	1	–	10	15
Listed both Hawai'i and National Register	31	–	2	40	73
Eligible for National Register <sup>1</sup>	1	–	–	2	3
<b>Total sites</b>	<b>67</b>	<b>1</b>	<b>2</b>	<b>93</b>	<b>163</b>

<sup>1</sup> Sites declared eligible for National Register listing by the National Board.

SOURCE: Hawai'i State Department of Land and Natural Resources, State Historic Preservation Division, records, 2004.

## 10.5.3

### NATIONAL, STATE AND COUNTY PARKS, MAUI COUNTY

Parks	2003	2004	2005	2006	2007
<b>National Parks<sup>1</sup></b>					
Number of areas	2	2	2	2	2
Acreage	40,747	40,747	40,747	39,890	39,111
Visits	1,502,640	1,517,274	1,523,453	1,472,907	1,383,809
<b>State Parks &amp; Historic Sites<sup>2</sup></b>					
Number of areas	10	9	9	10	10
Acreage	566	566	566	565	569
Visits (1,000)	1,553	1,553	NA	NA	NA
<b>County Parks</b>					
Number of areas	150	NA	NA	NA	119
Acreage	1,307	NA	NA	NA	789

NA: Not available.

r: Revised from previous Data Book

<sup>1</sup> As of December 31.

<sup>2</sup> As of June 30.

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

## 10.5.4

### COMMUNITY CENTERS, MAUI COUNTY

Name	Location	Max Capacity	Tables	Chairs	Kitchen	Public Parking	Overflow Parking
Eddie Tam Memorial	Makawao	380	33	390	yes	39	Park
Ha'ikū	Ha'ikū	178	28	160	yes	48	
Hāli'imaile Annex	Hāli'imaile	60	9	58	yes	2	Roadside
Hāna	Hāna	100	15	74	yes	Unmarked	Back of Center
Helene Hall	Hāna	304	20	200	no	20	Off Street
Kahului	Kahului	200	8	64	yes	30	Kokua Pool
Kalama Park Ext. Pavilion	Kihei	250	12	12	yes	Unmarked	Kalama Park
Kenolio	Kihei	175	13	62	yes	64	
Kēōkea	Kula	108	11	80	yes	7	Grass area
Kihei	Kihei	600	35 <sup>1</sup>		yes	149	Aquatic Center
Kilohana	Kaunakaka'i	150	5	20	yes	20	
Kualapu'u	Moloka'i	97	9	72	yes	100	
Kula	Kula	180	59	134	yes	64	Tennis courts
Lahaina Civic Center	Lahaina	322	15	322	yes	150	Overflow lots
Lāna'i	Lāna'i	200	15 <sup>1</sup> , 11	100	yes	64	Street Parking
Mayor Hannibal Tavares	Pukalani	755	50	500	yes	96	Lower Level
Mitchell Pau'ole	Kaunakaka'i	246	22	160	yes	21	
Old Kalama Park Pavilion	Kihei	50	12 <sup>1</sup>		no	79	
Pā'ia	Pa'ia	324	22	171	yes	37	Gravel area
Waikapū Neighborhood	Waikapū	100	8	80	yes	8	Park
Wailuku	Wailuku	500	39 <sup>1</sup> , 8	96	yes	84	

<sup>1</sup> Table/Benches

SOURCE: County of Maui, Department of Parks and Recreation.



10.5.5

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

<b>Facility</b>	<b>Capacity</b>
<b>Stadiums, Auditoriums and Gymnasiums</b>	
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
<b>Civic Centers and Theaters</b>	
‘Īao 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	16
Maui Community College Student Center Lounge	100
<b>Churches</b>	
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 (Moloka‘i)	200
‘Īao Congregational	175
‘Īao 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 <sup>1,2</sup>	Lānaʻi	Molokaʻi	Oʻahu	Hawaiʻi	Kauaʻi
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	32,137	4,473	29	84	20,039	6,311	1,201
2000	31,147	4,587	57	25	20,066	5,627	785
2001	31,068	4,285	(NA)	(NA)	18,761	5,919	2,103
2002	30,909	4,420	50	30	17,752	6,809	1,848
2003	29,519	2,901	12	47	16,673	6,786	3,100
2004	50,180	3,977	25	30	36,121 <sup>3</sup>	8,085	1,942
2005	53,415	4,621	24	30	35,638 <sup>3</sup>	10,454	2,648
2006	50,440	4,282	17	27	35,163 <sup>3</sup>	8,836	2,115
2007	50,403	4,997	9	27	34,966	6,504	3,900

NA: Not available.

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> Fiscal year ending June 30, figures are estimates.

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

## 10.7.2

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

Acquisitions & Dispositions	FY 2006-07			FY 2007-08		
	Dogs	Cats	Other	Dogs	Cats	Other
<b>Area</b>						
Lahaina	206	1,153	93	206	932	37
Kihei	327	1,036	230	361	921	173
Makawao	338	618	192	304	492	159
Kahului	320	999	122	323	1,004	176
Kula	167	359	39	162	223	94
Wailuku	465	1,061	624	492	992	223
Pā'ia	71	172	33	80	92	14
Ha'ikū	262	347	89	203	400	141
Hāna	156	128	3	91	76	11
LAS	216	475	93	142	462	152
<b>Total</b>	<b>2,528</b>	<b>6,348</b>	<b>1,518</b>	<b>2,528</b>	<b>5,594</b>	<b>1,180</b>
<b>Acquisitions</b>						
Strays	1,557	4,928	NA	1,505	4,434	795
Owner turn ins	972	1,451	NA	853	1,160	385
<b>TOTAL INCOMING</b>	<b>2,529</b>	<b>6,389</b>	<b>NA</b>	<b>2,358</b>	<b>5,594</b>	<b>1,180</b>
Remaining at Shelter						
Reclaim by owner	566	203	NA	583	233	4
Adopted	752	893	NA	819	739	153
Transferred	15	2	NA	8	0	93
Dispositions						
Cremation	632	276	NA	149	56	8
DOA	105	740	NA	105	731	4
Total Euthanized <sup>1</sup>	955	4,617	NA	710	3,879	879
<b>TOTAL</b>	<b>3,025</b>	<b>6,731</b>	<b>NA</b>	<b>2,374</b>	<b>5,638</b>	<b>1,141</b>
<b>Euthanized</b>						
Euthanized untreatable	258	2,313	NA	421	3,041	753
Euthanized Treatable Space Reasons	320	1,588	NA	188	800	52
Euthanized Space Reasons	262	90	NA	101	38	74
<b>TOTAL</b>	<b>991</b>	<b>4,056</b>	<b>NA</b>	<b>710</b>	<b>3,879</b>	<b>879</b>

NA Not Available

n/a: not applicable, category no longer used.

<sup>1</sup> Includes owner requested euthanasia.

SOURCE: Maui Humane Society, records.

### 10.7.3

## MAUI HUMANE SOCIETY CALL SLIPS AND CITATIONS ISSUED

Call Slips	Fiscal Year 2005-06	Fiscal Year 2006-07	Fiscal Year 2007-08
Lease Law	2,432	2,953	3,471
No Tax	571	427	492
Barking	220	367	322
Cruelty/Neglect	1,073	1,166	1,356
Home Inspection	735	358	134
Injured Animals	220	187	183
Injured Wild Life	nc	nc	6
Large animal trespass	37	24	30
Spay/Neuter Reclaims	23	19	1
Abandonment	42	48	48
Vicious Dog recheck	64	144	178
Dog to Dog Bites	64	77	54
Dog to Human Bites	84	75	46
Dog to Other Bites	45	31	28
Ongoing Investigation	nc	nc	197
Pickup/Deliver/misc	812	920	585
Stray Dog pick up	631	600	548
DOA's	723	847	818
Stray Cat Pick up	1,516	1,815	1,727
Owned Animal Pick up	nc	nc	47
Pick up Police Reports, license	349	509	577
Other Animal Pick up	14	13	13
Wild Life pick up	nc	nc	3
Wild Life Transfer	nc	nc	14
<b>Total</b>	<b>9,655</b>	<b>10,630</b>	<b>10,878</b>

Citations Issued FY 2007-08	UpCountry	Hāna	Kahului	Wailuku	Lahaina	Kīhei
Leash Law	131	10	35	39	25	52
No Tax	23	4	5	4	7	4
Inhumane Manner	24	4	6	2	6	7
Cruelty	1	0	1	1	0	0
Aggressive Dog	31	2	11	9	12	0
D.D. Non Compliance	3	0	1	7	0	1
Interference	0	0	0	0	0	0
Abandonment	0	0	0	0	0	0
Live Stock at Large	1	0	0	0	0	0
<b>Total</b>	<b>214</b>	<b>20</b>	<b>59</b>	<b>62</b>	<b>50</b>	<b>75</b>

nc: New category as of FY 2007-2008.

SOURCE: Maui Humane Society, records.



# Domestic Trade

## Section 11

### DOMESTIC TRADE

This final section covers data on manufacturers, 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 Jim Falk Automotive Group with 338 employees, and sales of \$269.4 million in 2007. 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 HAWAI‘I**

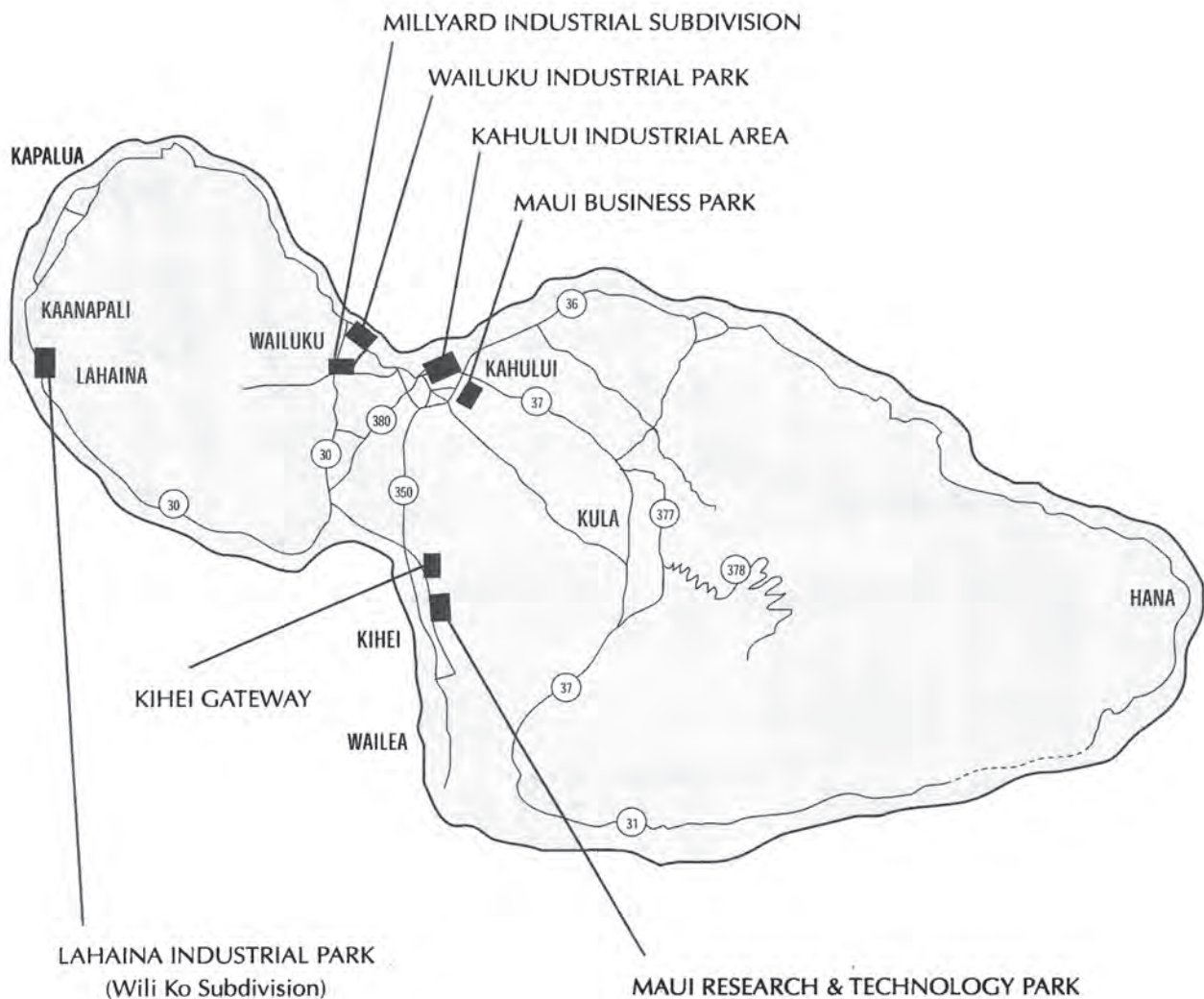
*Includes operating manufacturing establishments and auxiliaries*

2002	Maui County		State of Hawaii	
	All	Food	All	Food
<b>All Establishments</b>				
Total (number)	93	34	929	259
With 20 employees or more (number)	8	4	157	54
<b>All Employees</b>				
Number	1,491	1,159	13,200	5,224
Payroll (\$1,000)	50,232	36,512	421,269	145,699
<b>Production Workers</b>				
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
<b>Value Added by Manufacture</b>				
(\$1,000)	157,060	116,228	1,217,728	478,098
<b>Cost of Materials</b>				
(\$1,000)	113,889	87,711	2,246,539	427,972
<b>Value of Shipments</b>				
(\$1,000)	270,556	204,002	3,460,199	908,464
<b>Total Capital Expenditures</b>				
(\$1,000)	16,574	10,872	82,960	26,914

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

## 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: Hawai'i State Department of Business, Economic Development and Tourism, Directory of Industrial and Technology Parks, 1991.



11.2.1

GENERAL EXCISE TAX BASE, MAUI COUNTY

	2001	2002	2003	2004	2005	2006	2007
Retailing	1,363,859,275	1,288,265,075	1,416,929,475	1,606,066,500	1,648,035,875	1,759,756,700	1,997,919,800
Services	480,773,575	497,605,975	538,502,100	581,463,850	633,851,450	718,509,525	829,109,750
Contracting	360,568,625	364,438,350	425,070,200	452,890,850	560,067,200	706,706,975	828,132,400
Theater, Amusements, Radio, etc.	19,942,250	20,309,700	21,195,600	21,525,925	18,918,075	23,894,750	24,109,450
Interest	16,204,050	18,674,475	18,889,650	14,142,100	12,945,300	16,453,975	28,052,600
Commissions	108,053,925	105,181,525	135,367,700	149,889,375	170,629,750	171,916,575	179,544,875
Hotel Rentals	318,051,550	321,252,400	359,701,525	400,577,025	356,886,975	474,507,050	636,500,825
All Other Rentals	291,789,000	289,637,275	301,241,100	295,148,025	285,637,400	330,730,475	380,013,500
Use (4%)	36,581,075	25,138,275	45,193,250	41,583,950	26,819,875	25,403,600	25,530,400
All Others (4%)	118,982,400	117,366,800	128,484,500	134,171,575	143,625,350	171,598,025	234,620,250
<b>SUB-TOTAL</b>	<b>3,114,805,725</b>	<b>3,047,869,850</b>	<b>3,390,575,100</b>	<b>3,697,459,175</b>	<b>3,857,417,250</b>	<b>4,399,477,650</b>	<b>5,163,533,850</b>
Insurance Solicitors	121,564,668	59,276,000	63,635,334	108,120,666	12,608,666	14,953,334	22,106,001
Sugar Processing	57,400	82,000	40,400	11,400	26,200	13,800	0
Pineapple Canning	2,210,000	1,978,400	4,091,600	1,535,400	1,722,400	239,200	0
Producing	25,924,400	23,407,000	23,037,600	20,054,400	23,375,400	19,775,800	22,979,200
Manufacturing	29,517,200	29,829,600	37,399,400	29,042,400	32,316,200	34,799,200	38,640,400
Wholesaling	384,273,200	358,084,800	365,772,200	386,196,400	424,916,800	497,918,800	546,992,600
Services (Intermediary)	38,642,600	47,747,000	50,574,800	45,863,000	48,675,600	69,946,400	76,914,600
Use (1/2%)	224,557,800	216,882,000	172,571,600	273,048,400	393,934,200	564,730,200	661,816,800
<b>SUB-TOTAL</b>	<b>826,747,268</b>	<b>737,286,800</b>	<b>717,122,934</b>	<b>863,872,066</b>	<b>937,575,466</b>	<b>1,202,376,734</b>	<b>1,369,449,601</b>
<b>GRAND TOTAL</b>	<b>3,941,552,993</b>	<b>3,785,156,650</b>	<b>4,107,698,034</b>	<b>4,561,331,241</b>	<b>4,794,992,716</b>	<b>5,601,854,384</b>	<b>6,532,983,451</b>

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: Hawa'i State Department of Taxation, *General Excise and Use Tax Base, Calendar Years 2001 to 2007 (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*

2006 Establishment Type		Location / Number		Location / Number		Totals	
<b>Motor vehicle &amp; parts dealers (NAICS 441---)</b>							
Kahului	23	Makawao	1	Kaunakakai	2		
Kihei	3	Wailuku	9			Maui subtotal	39
Lahaina	3					Total	41
<b>Furniture &amp; home furnishing stores (NAICS 442---)</b>							
Ha'ikū	2	Kula	1	Wailuku	6		
Kahului	15	Lahaina	7	Kaunakakai	1	Maui subtotal	38
Kihei	7					Total	39
<b>Electronics &amp; appliance stores (NAICS 443---)</b>							
Kahului	9	Lahaina	4	Wailuku	3		
Kihei	5	Makawao	1			Total	22
<b>Bldg material &amp; garden equip &amp; supp dealers (NAICS 444---)</b>							
Ha'ikū	2	Lahaina	5	Ho'olehua	1		
Hāna	1	Makawao	3	Kaunakakai	2		
Kahului	24	Wailuku	9	Lāna'i City	1	Maui subtotal	48
Kihei	4					Total	52
<b>Food &amp; beverage stores (NAICS 445---)</b>							
Ha'ikū	3	Lahaina	24	Kaunakakai	6		
Kahului	20	Makawao	6	Kualapu'u	1		
Kihei	14	Pā'ia	3	Lāna'i City	3	Maui subtotal	82
Kula	2	Wailuku	10			Total	92
<b>Health &amp; personal care stores (NAICS 446---)</b>							
Ha'ikū	2	Kula	3	Pā'ia	1		
Kahului	14	Lahaina	14	Wailuku	4		
Kihei	6	Makawao	2	Kaunakakai	1	Maui subtotal	46
						Total	47
<b>Gasoline stations (NAICS 447---)</b>							
Ha'ikū	2	Lahaina	8	Wailuku	5		
Kahului	8	Makawao	1	Kaunakakai	2		
Kihei	5	Pā'ia	2	Lāna'i City	1	Maui subtotal	32
Kula	1					Total	35

## 11.2.2

CONTINUED

2006 Establishment Type		Location / Number		Location / Number		Totals	
<b>Clothing &amp; clothing accessories stores (NAICS 448---)</b>							
Hāna	1	Lahaina	119	Wailuku	9		
Kahului	39	Makawao	10	Kaunakakai	3	Maui subtotal	240
Kihei	56	Pā'ia	6			Total	243
<b>Sporting goods, hobby, book &amp; music stores (NAICS 451---)</b>							
Kahului	18	Makawao	4	Kalaupapa	1		
Kihei	8	Pā'ia	3	Kaunakakai	1	Maui subtotal	50
Lahaina	13	Wailuku	4			Total	52
<b>General merchandise stores (NAICS 452---)</b>							
Hāna	1	Lahaina	1	Kaunakakai	2		
Kahului	11	Makawao	1	Maunaloa	1	Maui subtotal	15
Khei	1			Lāna'i City	1	Total	19
<b>Miscellaneous store retailers (NAICS 453---)</b>							
Ha'ikū	2	Kula	5	Wailuku	13		
Hāna	2	Lahaina	75	Kaunakakai	3		
Kahului	24	Makawao	11	Lāna'i City	3	Maui Subtotal	168
Kihei	27	Pā'ia	9			Total	174
<b>Nonstore retailers (NAICS 454---)</b>							
Ha'ikū	2	Kula	2	Wailuku	2		
Kahului	3	Lahaina	1	Ho'olehua	1	Maui subtotal	12
Kihei	1	Pā'ia	1			Total	13
<b>Grand Total</b>							<b>829</b>

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

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Zip Code Business Patterns 2006*.

### 11.2.3

## CHARACTERISTICS OF MAJOR SHOPPING CENTERS, MAUI COUNTY

	Location	Stores	Year Built/ Last Renovated	Gross Leasable Area
Queen Ka'ahumanu 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	Kihei	100	2000	160,000
Pi'ilani 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
Līpoa 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
Keālia 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
Nāpili 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)	Annual Employees	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

## RETAIL MERCHANDISE SALES, MAUI COUNTY AND BY CDP

NACIS	Kind of Business	Establish- ments	Sales (\$1,000)	Annual Payroll (\$1,000)	Paid Employees
44-45	Retail trade	816	1,772,473	198,794	9,201
441	Motor vehicle and parts dealers	48	242,297	25,612	624
442	Furniture and home furnishings stores	36	39,260	6,690	224
443	Electronics and appliance stores	22	19,569	2,526	128
444	Building material, garden equip. & supplies dealers	43	122,190	14,202	543
445	Food and beverage stores	87	360,785	38,166	1,841
446	Health and personal care stores	51	111,463	12,430	652
447	Gasoline stations	38	109,984	9,254	501
448	Clothing and clothing accessories stores	229	258,961	35,434	1,937
451	Sporting goods, hobby, book, and music stores	54	50,746	7,678	466
452	General merchandise stores	20	312,192	26,761	1,250
453	Miscellaneous store retailers	176	125,798	17,364	929
454	Nonstore retailers	12	19,228	2,677	106
44-45	Retail Trade by CDP				
	Ha'ikū-Pa'uwela	11	7,202	1,046	59
	Kahului	213	880,875	94,179	4,071
	Kīhei	65	183,662	16,143	884
	Lahaina	198	253,968	32,133	1,531
	Makawao	21	10,126	1,555	105
	Nāpili-Honokōwai	15	24,066	2,376	110
	Pukalani	7	27,960	2,885	136
	Waihe'e-Waiehu	2	D	D	D
	Wailea-Mākena	60	74,342	11,529	556
	Wailuku	59	94,711	11,129	525
	Kaunakakai	22	32,943	3,985	200
	Island of Moloka'i (Balance)	5	4,161	487	36
	Island of Lāna'i	11	14,540	2,197	105
	Balance of Maui County	127	D	D	D

CDP: Census Designated Place

Island of Moloka'i (balance) contains all of the Island of Molokai  
(including Kalawao County and part of Maui County) except Kaunakaka'i CDP.

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, Retail Trade*.

## 11.2.6

### COMMERCIAL LEASE RENTS, MAUI ISLAND

*Compiled by James M. "Mac" Lawson, CCIM PB,  
Lowson and Associates  
and  
Felix B. Osorno (R), GRI  
Falcon Enterprises, Ltd.*

Location	YEAR 2008	RANGE PER SQUARE FOOT PER MONTH		
		Retail	Office	Warehouse
West Maui:				
Shopping Centers		\$3.00 to \$6.00	NA	NA
Off Front Street		\$2.00 to \$5.00	\$1.50 to \$2.25	NA
Industrial Area		\$1.43 to \$2.50	\$1.00 to \$2.50	\$1.43 to \$2.50
Front Street, Lahaina		\$15.00 to \$30.00	NA	NA
Kihei		\$2.00 to \$4.00	\$1.50 to \$2.50	\$1.50 to \$1.75
Wailuku		\$1.65 to \$2.00	\$1.15 to \$2.25	\$1.20 to \$1.45
Kahului		\$2.25 to \$4.00	\$1.50 to \$3.00	\$1.25 to \$1.45
Wailea		\$6.00 to \$8.00	\$5.00 to \$6.00	NA
Makawao		\$2.50 to \$3.50	\$1.75 to \$2.50	N/A
Common area charges (in addition to rent, per square foot rented, all areas):				
		\$0.30 to \$1.85	\$0.35 to \$1.50	\$0.35 to \$0.85

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).

Front St., Lahaina: small areas under 500 SF rent more on a minimum price than a per square foot basis

Source: Lowson and Associates and Falcon Enterprises, records. Current property listings can be found at [www.mauicommercial.com](http://www.mauicommercial.com), sponsored by members of the Commercial Round Table of Maui.

Revised 10/1/08 Falcon Enterprises, Ltd. Revised 10/1/08 Lowson & Associates

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 <sup>1</sup>	Number of Employees <sup>2</sup>	Annual Payroll (\$1,000)
<b>Forestry, Fishing, Hunting, and Agriculture Support</b>	<b>5</b>	<b>0-19</b>	<b>0</b>
<b>Mining</b>	<b>1</b>	<b>0-19</b>	<b>0</b>
<b>Utilities</b>	<b>12</b>	<b>364</b>	<b>27,870</b>
<b>Construction</b>	<b>487</b>	<b>3,776</b>	<b>183,803</b>
Construction of Buildings	178	1,437	70,468
Heavy and Civil Engineering Construction	23	185	11,626
Specialty Trade Contractors	286	2,154	101,709
<b>Manufacturing</b>	<b>114</b>	<b>1,591</b>	<b>57,754</b>
Food Manufacturing	33	889	30,123
Beverage and Tobacco Product Manufacturing	6	20-99	0
Textile Product Mills	4	0-19	0
Apparel Manufacturing	5	0-19	0
Wood Product Manufacturing	6	20-99	0
Printing and Related Support Activities	14	114	3,484
Chemical Manufacturing	8	250-499	0
Plastics and Rubber Products Manufacturing	2	0-19	0
Nonmetallic Mineral Product Manufacturing	11	128	8,978
Fabricated Metal Product Manufacturing	4	0-19	0
Transportation Equipment Manufacturing	1	0-19	0
Furniture and Related Product Manufacturing	5	0-19	0
Miscellaneous Manufacturing	15	20-99	0
<b>Wholesale Trade</b>	<b>169</b>	<b>1,594</b>	<b>62,777</b>
Merchant Wholesalers, Durable Goods	66	475	21,292
Merchant Wholesalers, Nondurable Goods	89	1,080	40,341
Wholesale Electronic Markets & Agents and Brokers	14	39	1,144
Retail Trade	835	9,992	255,698
Motor Vehicle and Parts Dealers	40	737	36,223
Furniture and Home Furnishings Stores	39	284	7,511
Electronics and Appliance Stores	22	144	3,293
Bldg Material & Garden Equipment & Supplies Dealers	52	704	23,605
Food and Beverage Stores	92	1,952	45,396
Health and Personal Care Stores	48	654	17,316
Gasoline Stations	35	597	11,999
Clothing and Clothing Accessories Stores	248	1,949	43,986
Sporting Goods, Hobby, Book, and Music Stores	52	590	9,013
General Merchandise Stores	19	1,302	31,815
Miscellaneous Store Retailers	174	968	23,031
Nonstore Retailers	14	111	2,510
<b>Transportation and Warehousing</b>	<b>148</b>	<b>3,321</b>	<b>94,067</b>
Air Transportation	11	1,000-2,499	0
Water Transportation	8	254	7,429
Truck Transportation	27	404	18,376
Transit and Ground Passenger Transportation	24	292	5,300
Pipeline Transportation	1	0-19	0
Scenic and Sightseeing Transportation	48	1,005	26,928



### 11.3.1

CONTINUED

Industry	Number of Establishments <sup>1</sup>	Number of Employees <sup>2</sup>	Annual Payroll (\$1,000)
Support Activities for Transportation	13	171	7,557
Couriers and Messengers	14	100-249	0
Warehousing and Storage	2	20-99	0
<b>Information</b>	<b>85</b>	<b>748</b>	<b>29,101</b>
Publishing Industries (except Internet)	27	257	10,552
Motion Picture and Sound Recording Industries	16	100-249	0
Broadcasting (except Internet)	7	20-99	0
Telecommunications	27	214	11,071
Internet Ser. Providers, Web & Data Services	8	51	2,488
<b>Finance and Insurance</b>	<b>187</b>	<b>987</b>	<b>48,278</b>
Credit Intermediation and Related Activities	118	756	33,795
Securities, Commodity Contracts, & Like Activity	19	58	7,054
Insurance Carriers and Related Activities	50	173	7,429
<b>Real Estate and Rental and Leasing</b>	<b>338</b>	<b>2,535</b>	<b>93,274</b>
Real Estate	247	1,365	60,657
Rental and Leasing Services	91	1,170	32,617
<b>Professional, Scientific, and Technical Services</b>	<b>376</b>	<b>1,766</b>	<b>82,430</b>
<b>Management of Companies and Enterprises</b>	<b>14</b>	<b>100-249</b>	<b>0</b>
<b>Administrative and Support Services</b>	<b>279</b>	<b>4,069</b>	<b>105,056</b>
Administrative and Support Services	264	3,905	100,028
Waste Management and Remediation Services	15	164	5,028
<b>Educational Services</b>	<b>78</b>	<b>858</b>	<b>21,990</b>
<b>Health Care and Social Assistance</b>	<b>378</b>	<b>5,734</b>	<b>216,842</b>
Ambulatory Health Care Services	280	2,585	121,683
Hospitals	2	500-999	0
Nursing and Residential Care Facilities	15	500-999	0
Social Assistance	81	1,588	33,492
<b>Arts, Entertainment, and Recreation</b>	<b>107</b>	<b>1,894</b>	<b>44,428</b>
Performing Arts, Spectator Sports, & Related Industries	36	682	15,385
Museums, Historical Sites, and Similar Institutions	12	179	4,465
Amusement, Gambling, and Recreation Industries	59	1,033	24,578
<b>Accommodation and Food Services</b>	<b>521</b>	<b>22,929</b>	<b>662,556</b>
Accommodation	86	13,658	495,836
Food Services and Drinking Places	435	9,271	166,720
<b>Other Services (except Public Administration)</b>	<b>438</b>	<b>2,893</b>	<b>68,945</b>
Repair and Maintenance	81	409	11,848
Personal and Laundry Services	99	973	20,378
Religious, Grantmaking, Civic, & Like Organizations	258	1,511	36,719
<b>Unclassified</b>	<b>12</b>	<b>0-19</b>	<b>0</b>
<b>Total</b>	<b>4,584</b>	<b>65,263</b>	<b>2,067,779</b>

<sup>1</sup> Data refer to establishments in business at anytime during the year.

<sup>2</sup> 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 2006*.

11.3.2

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

<b>Industry</b>	<b>Establishments with Employees</b>	<b>Establishments Non-Employer</b>	<b>Gross Receipts Non-Employer (\$1,000)</b>
<b>Total</b>	<b>4,584</b>	<b>14,327</b>	<b>652,498</b>
<b>Forestry, Fishing, Hunting, and Agriculture Support</b>	<b>5</b>	<b>251</b>	<b>5,969</b>
<b>Mining</b>	<b>1</b>	<b>5</b>	<b>1,012</b>
<b>Utilities</b>	<b>12</b>	<b>9</b>	<b>309</b>
<b>Construction</b>	<b>487</b>	<b>1,412</b>	<b>107,503</b>
Construction of Buildings	178	394	38,313
Heavy and Civil Engineering Construction	23	20	1,845
Specialty Trade Contractors	286	998	67,345
<b>Manufacturing</b>	<b>114</b>	<b>298</b>	<b>14,612</b>
Food Manufacturing	33	33	2,531
Beverage and Tobacco Product Manufacturing	6	0	0
Textile Product Mills	4	D	D
Apparel Manufacturing	5	27	619
Leather and allied product manufacturing		D	D
Wood Product Manufacturing	6	25	912
Paper manufacturing		D	D
Printing and Related Support Activities	14	0	0
Chemical Manufacturing	8	5	587
Plastics and Rubber Products Manufacturing	2	4	186
Nonmetallic Mineral Product Manufacturing	11	18	435
Primary metal manufacturing		7	574
Fabricated Metal Product Manufacturing	4	17	1,008
Machinery manufacturing		D	D
Transportation Equipment Manufacturing	1	D	D
Furniture and Related Product Manufacturing	5	23	1,210
Miscellaneous Manufacturing	15	118	5,627
<b>Wholesale Trade</b>	<b>169</b>	<b>339</b>	<b>19,690</b>
Merchant Wholesalers, Durable Goods	66	170	10,889
Merchant Wholesalers, Nondurable Goods	89	157	8,555
Wholesale Electronic Markets and Agents & Brokers	14	12	246
<b>Retail Trade</b>	<b>835</b>	<b>1,090</b>	<b>68,387</b>
Motor Vehicle and Parts Dealers	40	17	2,557
Furniture and Home Furnishings Stores	39	24	4,352
Electronics and Appliance Stores	22	12	730
Bldg. Material & Garden Equipment & Supplies Dealers	52	13	1,682
Food and Beverage Stores	92	29	5,573
Health and Personal Care Stores	48	50	2,619
Gasoline Stations	35	D	D
Clothing and Clothing Accessories Stores	248	115	11,840
Sporting Goods, Hobby, Book, and Music Stores	52	57	3,644
General Merchandise Stores	19	30	3,526
Miscellaneous Store Retailers	174	232	20,036
Nonstore Retailers	14	509	11,723
<b>Transportation and Warehousing</b>	<b>148</b>	<b>321</b>	<b>12,803</b>
Air Transportation	11	5	178
Water Transportation	8	8	327
Truck Transportation	27	62	4,744
Transit and Ground Passenger Transportation	24	173	4,932

## 11.3.2

CONTINUED

Industry	Establishments with Employees	Establishments Non-Employer	Gross Receipts Non-Employer (\$1,000)
Pipeline Transportation	1	0	0
Scenic and Sightseeing Transportation	48	14	658
Support Activities for Transportation	13	25	1,110
Couriers and Messengers	14	32	729
Warehousing and Storage	2	D	D
<b>Information</b>	<b>85</b>	<b>159</b>	<b>6,757</b>
Publishing Industries (except Internet)	27	35	2,344
Motion Picture and Sound Recording Industries	16	60	2,048
Broadcasting (except Internet)	7	3	50
Internet Publishing and Broadcasting		18	414
Telecommunications	27	7	642
Internet Service Providers, Web Portals, & Data Services	8	16	355
Other information services		20	904
<b>Finance and Insurance</b>	<b>187</b>	<b>298</b>	<b>19,192</b>
Credit Intermediation and Related Activities	118	79	4,446
Securities, Commodity Contracts, & Like Activity	19	92	10,006
Insurance Carriers and Related Activities	50	127	4,740
<b>Real Estate and Rental and Leasing</b>	<b>338</b>	<b>1,865</b>	<b>128,863</b>
Real Estate	247	1,795	122,996
Rental and Leasing Services	91	69	5,850
Lessors of nonfinancial intangible assets		D	D
<b>Professional, Scientific, and Technical Services</b>	<b>376</b>	<b>1,799</b>	<b>67,803</b>
<b>Management of Companies and Enterprises</b>	<b>14</b>	<b>0</b>	<b>0</b>
<b>Administrative &amp; Support &amp; Waste Mgt, Remediations Ser.</b>	<b>279</b>	<b>1,243</b>	<b>34,224</b>
Administrative and Support Services	264	1,234	32,272
Waste Management and Remediation Services	15	9	1,952
<b>Educational Services</b>	<b>78</b>	<b>230</b>	<b>5,537</b>
<b>Health Care and Social Assistance</b>	<b>378</b>	<b>917</b>	<b>29,055</b>
Ambulatory Health Care Services	280	605	23,369
Hospitals	2	0	0
Nursing and Residential Care Facilities	15	42	1,211
Social Assistance	81	270	4,475
<b>Arts, Entertainment, and Recreation</b>	<b>107</b>	<b>1,478</b>	<b>41,936</b>
Performing Arts, Spectator Sports, and Related Industries	36	1,274	26,345
Museums, Historical Sites, and Similar Institutions	12	3	14
Amusement, Gambling, and Recreation Industries	59	201	15,577
<b>Accommodation and Food Services</b>	<b>521</b>	<b>237</b>	<b>15,045</b>
Accommodation	86	70	5,005
Food Services and Drinking Places	435	167	10,040
<b>Other Services (except Public Administration)</b>	<b>438</b>	<b>2,376</b>	<b>73,801</b>
Repair and Maintenance	81	625	24,519
Personal and Laundry Services	99	1,676	47,963
Religious, Grantmaking, Civic, Prof. & Like Organizations	258	75	1,319
<b>Unclassified</b>	<b>12</b>	<b>0</b>	<b>0</b>

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

SOURCE: U.S. Department of Commerce, Bureau of the Census, *County Business Patterns 2006*.

### 11.3.3

## LARGEST PRIVATE CORPORATIONS, MAUI COUNTY

Company	State Rank		Sales (\$ million)		Employees
	2008	2007	2007	2006	
Jim Falk Automotive Group	29	na	269.4	76.4	338
Grand Wailea Hotel & Spa	47	na	199.0	187.0	1,482
Maui Land & Pineapple Co. Inc.	64	47	154.1	178.9	1,045
Hyatt Regency Maui Resort & Spa LLC	69	67	140.0	140.0	900
Four Seasons Resort	77	91	130.0	102.2	750
Dorvin D. Leis Co. Inc.	87	87	117.3	105.2	415
TS Restaurants of Hawai'i & Calif.	92	81	110.7	110.0	1,940
The Fairmont Kea Lani, Maui	99	na	105.0	101.0	650
Hawai'i Petroleum Inc.	117	111	87.1	82.4	30
Maui Petroleum Inc.	133	128	70.5	68.8	15
VIP Foodservice	137	129	68.0	68.0	134
Maui Toyota/Scion	146	143	60.6	59.8	62
MINIT STOP Stores	165	167	50.4	47.5	187
Hale Makua	218	226	32.0	29.5	495
Maui Medical Group Inc.	225	241	29.0	23.6	245
Maui Clothing Co. Inc.	249	248	23.8	22.4	198

SOURCE: "Top 250," *Hawai'i Business*, August 2008.

### 11.3.4

## CHARACTERISTICS OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES, MAUI COUNTY

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

Characteristics	2005		2006	
	State Total	Maui	State Total	Maui
Number of establishments <sup>1</sup>	32,244	4,422	33,118	4,584
Number of employees <sup>2</sup>	490,682	61,927	512,543	65,263
Payroll—First quarter (\$1,000)	3,784,859	449,766	4,225,680	504,163
Payroll—Annual (\$1,000)	16,163,137	1,919,722	17,287,011	2,067,779

<sup>1</sup> Data refer to establishments active anytime during the year.

<sup>2</sup> For week including March 12.

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

### 11.3.5

## NUMBER OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES, STATE OF HAWAII AND MAUI COUNTY

Year	State Total	Maui County
1980	21,125	1,864
1981	21,264	1,872
1982	21,655	1,988
1983 <sup>1</sup>	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 <sup>2</sup>	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
2004	31,605	4,295
2005	32,244	4,422
2006	33,118	4,584

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.

<sup>1</sup> New definition (see headnote).

<sup>2</sup> 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 2006*.

## 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)
<b>Professional, scientific, and technical services (NAICS 54)</b>				
Maui County	310	126,090	1,334	44,348
Ha'ikū-Pa'uwela	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
Lāna'i	2	D	-	D
Makawao	14	4,827	107	1,892
Nāpili-Honokōwai	2	D	1 to 19	D
Pukalani	10	5,079	79	2,913
Wailea-Mākena	14	3,282	30	815
Wailuku	116	57,996	504	19,826
Balance of Maui County	45	D	100 to 249	D
<b>Administrative and support and waste management and remediation services (NAICS 56)</b>				
Maui County	267	230,343	3,775	76,347
Ha'ikū-Pa'uwela	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
Lāna'i	6	D	20 to 99	D
Makawao	8	D	20 to 99	D
Nāpili-Honokōwai	6	D	100 to 249	D
Pukalani	7	14,296	267	8,495
Waihe'e-Waiehū	5	D	1 to 19	D
Wailea-Mākena	15	D	20 to 99	D
Wailuku	42	31,474	768	11,466
Balance of Maui County	34	D	500 to 999	D
<b>Educational services (NAICS 61)</b>				
Maui County	50	14,236	243	5,058
Ha'ikū-Pa'uwela	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
Nāpili-Honokōwai	2	D	1 to 19	D
Pukalani	2	D	1 to 19	D
Wailea-Mākena	6	1,387	14	524
Wailuku	4	D	20 to 99	D
Balance of Maui County	10	D	20 to 99	D
<b>Health care and social assistance (NAICS 62)</b>				
Maui County	336	427,508	5,119	178,295
Ha'ikū-Pa'uwela	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
Lāna'i	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)
Nāpili-Honokōwai	3	D	20 to 99	D
Pukalani	15	5,025	63	1,987
Wailea-Mākena	1	D	1 to 19	D
Wailuku	110	211,217	2,220	82,715
Balance of Maui County	32	D	250 to 499	D
<b>Arts, entertainment, and recreation (NAICS 71)</b>				
Maui County	98	123,751	1,626	34,686
Ha'ikū-Pa'uwela	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
Nāpili-Honokōwai	2	D	20 to 99	D
Pukalani	5	4,107	39	1,223
Waihe'e-Waiehū	1	D	1 to 19	D
Wailea-Mākena	10	D	100 to 249	D
Wailuku	10	3,819	71	913
Balance of Maui County	26	D	500 to 999	D
<b>Accommodation and foodservices (NAICS 72)</b>				
Maui County	461	1,379,316	18,932	441,069
Ha'ikū-Pa'uwela	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
Lāna'i	6	D	500 to 999	D
Makawao	8	8,392	263	2,869
Nāpili-Honokōwai	18	29,908	449	6,698
Pukalani	9	5,840	135	1,455
Wailea-Mākena	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
<b>Other services (except public administration) (NAICS 81)</b>				
Maui County	358	170,658	2,374	48,108
Ha'ikū-Pa'uwela	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
Lāna'i	4	D	1 to 19	D
Makawao	4	D	1 to 19	D
Nāpili-Honokōwai	14	6,066	57	1,492
Pukalani	8	D	20 to 99	D
Waihe'e-Waiehū	1	D	100 to 249	D
Wailea-Mākena	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

2006 Establishment Type		Location / Number		Location / Number		Location / Number		Totals	
<b>Professional, scientific &amp; technical services (NAICS 541---)</b>									
Ha'ikū	20	Kula	20	Wailuku	122				
Hāna	1	Lahaina	30	Kaunakakai	5				
Kahului	53	Makawao	34	Kualapu'u	1	Maui subtotal		370	
Kihei	76	Pā'ia	14	Lāna'i City	1	Total		377	
<b>Management of companies &amp; enterprises (NAICS 551---)</b>									
Kahului	5	Lahaina	7	Wailuku	1				
Kihei	1					Total		14	
<b>Administrative &amp; support services (NAICS 561---)</b>									
Ha'ikū	12	Lahaina	53	Kaunakakai	1				
Kahului	49	Makawao	18	Lāna'i City	3				
Kihei	68	Pā'ia	4			Maui subtotal		259	
Kula	10	Wailuku	45			Total		263	
<b>Waste management &amp; remediation services (NAICS 562---)</b>									
Kahului	6	Makawao	1	Ho'olehua	1				
Kula	1	Pā'ia	1	Lāna'i City	1	Maui subtotal		13	
Kihei	1	Wailuku	3			Total		15	
<b>Educational services (NAICS 611---)</b>									
Ha'ikū	6	Kula	2	Pā'ia	1				
Hāna	2	Lahaina	16	Wailuku	9				
Kahului	14	Makawao	11	Kaunakakai	1	Maui subtotal		77	
Kihei	16					Total		78	
<b>Ambulatory health care services (NAICS 621---)</b>									
Ha'ikū	8	Kula	8	Wailuku	100				
Hāna	1	Lahaina	27	Kaunakakai	9				
Kahului	71	Makawao	21	Kualapu'u	1	Maui subtotal		267	
Kihei	27	Pā'ia	4	Lāna'i City	4	Total		281	
<b>Hospitals (NAICS 622---)</b>									
Wailuku	1	Kaunakaka'i	1			Maui subtotal		1	
						Total		2	
<b>Nursing &amp; residential care facilities (NAICS 623---)</b>									
Kahului	3	Makawao	2	Kaunakakai	1				
Kihei	3	Pā'ia	1			Maui subtotal		14	
Lahaina	2	Wailuku	3			Total		15	
<b>Social assistance (NAICS 624---)</b>									
Hāna	3	Lahaina	4	Ho'olehua	2				
Kahului	12	Makawao	6	Kaunakakai	8				
Kihei	8	Pā'ia	2	Kualapu'u	3	Maui subtotal		63	
Kula	2	Wailuku	26	Lāna'i City	4	Total		80	
<b>Performing arts, spectator sports, &amp; related industries (NAICS 711---)</b>									
Ha'ikū	8	Kula	2	Pā'ia	2				
Kahului	2	Lahaina	8	Wailuku	3				
Kihei	7	Makawao	4			Total		36	



## 11.3.7

CONTINUED

2005 Establishment Type							
Location / Number		Location / Number		Location / Number		Totals	
<b>Museums, historical sites &amp; like institutions (NAICS 712---)</b>							
Hāna	2	Kula	1	Wailuku	3		
Kahului	2	Lahaina	1	Kualapu'u	1	Maui subtotal	11
Kihei	1	Makawao	1			Total	12
<b>Amusement, gambling &amp; recreation industries (NAICS 713---)</b>							
Ha'ikū	1	Kula	2	Pā'ia	2		
Kahului	10	Lahaina	17	Wailuku	4	Maui subtotal	57
Kihei	17	Makawao	4	Kaunakakai	2	Total	59
<b>Accommodation (NAICS 721---)</b>							
Ha'ikū	4	Lahaina	45	Kaunakakai	1		
Hāna	3	Makawao	1	Maunaloa	1		
Kahului	2	Pā'ia	1	Lāna'i City	2	Maui subtotal	82
Kihei	23	Wailuku	3			Total	86
<b>Food services &amp; drinking places (NAICS 722---)</b>							
Ha'ikū	5	Kula	4	Wailuku	65		
Hāna	1	Lahaina	123	Kaunakakai	8		
Kahului	85	Makawao	23	Kualapu'u	1	Maui subtotal	421
Kihei	101	Pā'ia	14	Lāna'i City	6	Total	436
<b>Repair &amp; maintenance (NAICS 811---)</b>							
Ha'ikū	2	Kula	2	Wailuku	25		
Kahului	31	Lahaina	6	Ho'olehua	1	Maui Subtotal	80
Kihei	8	Makawao	6			Total	81
<b>Personal &amp; laundry services (NAICS 812---)</b>							
Ha'ikū	1	Kula	2	Pā'ia	1		
Kahului	27	Lahaina	22	Wailuku	19		
Kihei	23	Makawao	4			Total	99
<b>Religious, grantmaking, civic, prof &amp; like organizations (NAICS 813---)</b>							
Ha'ikū	3	Lahaina	73	Ho'olehua	2		
Hāna	3	Makawao	9	Kaunakakai	9		
Kahului	23	Pā'ia	5	Maunaloa	1		
Kihei	74	Wailuku	45	Lāna'i City	4	Maui subtotal	241
Kula	6					Total	257
<b>Unclassified establishments (NAICS 99---)</b>							
Kahului	1	Lahaina	6	Wailuku	2		
Kihei	3					Total	12
						<b>Grand Total</b>	<b>2,203</b>

Note: Pukalani is combined with Makawao, and Pu'unēnē with Kahului.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Zip Code Business Patterns 2006*.

## 11.3.8

**SALES BY BUSINESS ESTABLISHMENTS, FOR  
EMPLOYERS AND NONEMPLOYERS BY SECTOR,  
MAUI COUNTY**

NAICS	Industry	Employer Establishments	Sales (\$1,000)	NonEmployer Establishments	Sales (\$1,000)
----	<b>Total</b>	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*.

## TABLES ADDED TO THE 2008 DATA BOOK

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Table 6.2.13..... Estimated Scheduled Airline Seat Capacity for Arriving Flights

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## TABLES OMITTED FROM THE 2008 DATA BOOK

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Table 6.2.13..... Selected Statistics for Aloha and Hawaiian Airlines

Table 10.2.1..... PKF-Hawai'i Occupancy and Room Rates, Food and Beverage Sales, Islands of Maui and Molokai

Table 10.2.2..... PFK-Hawai'i Trends in the Hotel Industry, Maui County

Table 10.2.3..... PFK-Hawai'i Quality and Size Report, Maui County

Table 10.2.4..... Hospitality Advisors LLC Hawai'i Hotel Flash Report, Maui Island

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