

**MAUI  
COUNTY  
DATA BOOK  
2007**

COUNTY OF MAUI  
OFFICE OF ECONOMIC DEVELOPMENT

HAWAI'I SMALL BUSINESS DEVELOPMENT CENTER NETWORK

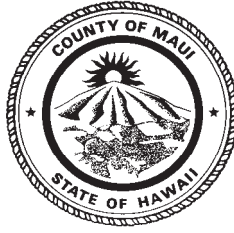
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December 2007

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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 2007 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".

Charmaine Tavares  
Mayor



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Copies of this book are available from the Hawaii 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 Hawaii Data Book is available on-line through the State of Hawaii Department of Business, Economic Development and Tourism. The tables are available at <http://www.hawaii.gov/dbedt/info/economic/databook/db2005/>.

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## ABOUT THIS BOOK

We hope you find the 2007 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 fifteenth edition of the Data Book is produced by the Hawai'i SBDC Network, Hawaii Business Research Library (HBRL) under a grant from the County of Maui, administered by the Maui County Office of Economic Development. In addition to the print version, the Data Book is also available online via the Internet (<http://www.hbri-sbdc.org>). In addition to compiling and updating the Data Book, the Hawaii Business Research Library provides a call-in/email service to provide a wide range of business research services to individuals and businesses residing or operating in Hawai'i, or investigating business opportunities in Hawai'i. The Data Book and its source material are some of the key elements in the HBRL collection which includes a wide range of print and electronic resources selected to inform business decision-making.

Several other publications complement the Maui County Data Book for individuals needing more data about Hawai'i. The State of Hawai'i publishes The State of Hawaii Data Book (<http://www.hawaii.gov/dbedt/info/economic/databook/db2005/>) annually through the Hawaii State Department of Business, Economic Development and Tourism. The Hawaii County Department of Research and Development publishes statistical data books annually ([http://www.hawaii-county.com/databook\\_current/section07.htm](http://www.hawaii-county.com/databook_current/section07.htm)). The Hawaii State Office of Hawaiian Affairs publishes the Native Hawaiian Data Book ([http://www.oha.org/pdf/databook\\_6\\_02.pdf](http://www.oha.org/pdf/databook_6_02.pdf)).

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



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## Section 1

### General Statistics

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

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

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

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

Several of the tables address the cost of living and personal income which have been shown to be of great interest to users of this book. The primary measuring tool for cost of living increases is the consumer price index for urban dwellers (CPI-U). The Honolulu consumer price index has been compiled by the U.S. Bureau of Labor Statistics since December 1963. This index measures the average change in prices of goods and services purchased by urban households. Prices are expressed as a percent of the average levels reported in 1982–1984, the base date. Statistics for Maui County are not available, therefore the index for the City and County of Honolulu is provided.

The sources for this data are the U.S. Bureau of the Census, estimates developed by the 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	2001	2002	2003	2004	2005	2006	%Change Annual 05/06	%Change Annual 02/06
Resident Population <sup>1</sup>	Number	July 1	131,720	133,338 r	135,693 r	137,875 r	139,807 r	141,440	1.2	1.43
Civilian Labor Force	Number	Mo. Avg.	73,200	72,300 r	72,400 r	74,100 r	75,550 r	77,100	2.1	1.05
Employment	Number	Mo. Avg.	70,300	69,500 r	69,700 r	71,850 r	73,600 r	75,350	2.4	1.41
Unemployment	Number	Mo. Avg.	2,950	2,800 r	2,700 r	2,250 r	1,900 r	1,750	-7.9	-9.75
Unemployment rate	Percent	Mo. Avg.	4.0	3.9	3.7 r	3.0 r	2.5 r	2.3	-8.0	-10.24
Total Job Count <sup>2</sup>	Number	Mo. Avg.	62,150	61,900	63,400	65,850	67,950	69,700	2.6	2.33
Gross Business Receipts	Mil. \$	Total	3,941.6	3,785.2	4,107.7	4,561.3	4,795.0	5,601.9	16.8	7.51
State Tax Collections <sup>3</sup>	Thous. \$	Total	259,381	250,170	257,486	308,140	315,318	355,353	12.7	6.81
County Tax Collections <sup>4</sup>	Thous. \$	Total	100,210	114,087	123,492	140,280	156,020	188,652	20.9	13.56
Estimated Domestic Visitors <sup>5</sup>	Thous.	Total	1,727.2	1,770	1,900	1,938	2,081	2,183	4.9	4.82
Estimated International Visitors	Thous.	Total	418.5	369	296	270	266	295	10.9	-6.20
Hotel Inventory	Number	Feb.	18,234	17,992	18,578	18,485	19,290	19,259	-0.2	1.12
Hotel Occupancy	Percent	Mo. Avg.	73.0	71	74.2	78.0	79.6	80.0	0.5	1.89
Private Permits	Thous. \$	Total	312,738	273,716	456,085	448,831	831,416	981,418	18.0	31.17
Residential Permits	Thous. \$	Total	186,548	186,622	276,286	285,212	486,407	362,279	-25.5	19.27
Non-Residential Permits	Thous. \$	Total	86,619	38,384	128,440	58,757	101,858	117,570	15.4	42.69
Additions and Alterations	Thous. \$	Total	39,571	48,710	51,359	61,862	111,227	99,421	-10.6	23.63
Real Estate Resales	Number	Total	986	978	1,410	1,221	1,317	1,088	-17.4	4.09
Single Family	Dollars	Avg.	402,272	491,248	591,222	730,264	927,354	941,434	1.5	18.90
Average Price	Number	Total	1,309	1,551	1,986	1,993	2,000	1,210	-39.5	1.55
Condominium	Dollars	Avg.	391,385	300,985	354,444	438,255	550,381	773,215	40.5	16.88
Average Price	Thous. \$	Total	67,200	76,500	75,800	68,900	66,000	NA	NA	NA
Sugar Production, Raw Sugar 96°	Thous. \$	Total	27,115	29,624	30,441	28,400 r	D	NA	NA	NA
Pineapple Sales, Fresh Equivalent	Thous. \$	Total	52,249	55,525 r	52,808	56,204	NA	NA	NA	NA
Diversified Crops/Livestock	Thous. \$	Total	46,247	49,471	46,702	55,023 r	NA	NA	NA	NA
Diversified Crops	Thous. \$	Total	6,002	6,054	6,106	6,510 r	8,448	NA	NA	NA
Livestock & Aquaculture	Thous. \$	Total								

<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 2007, 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	188.60
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.

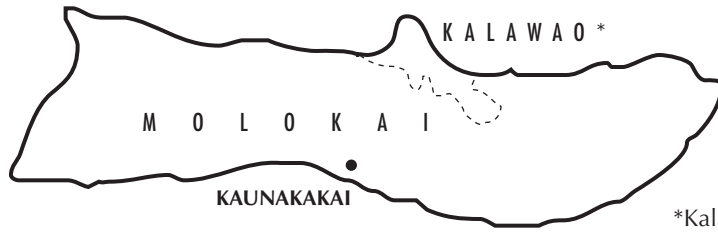
F: Fewer than 100 firms

FIPS: Federal Information Processing Standard (FIPS) Code

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

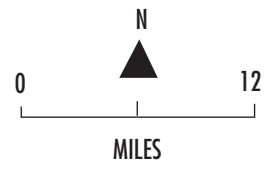
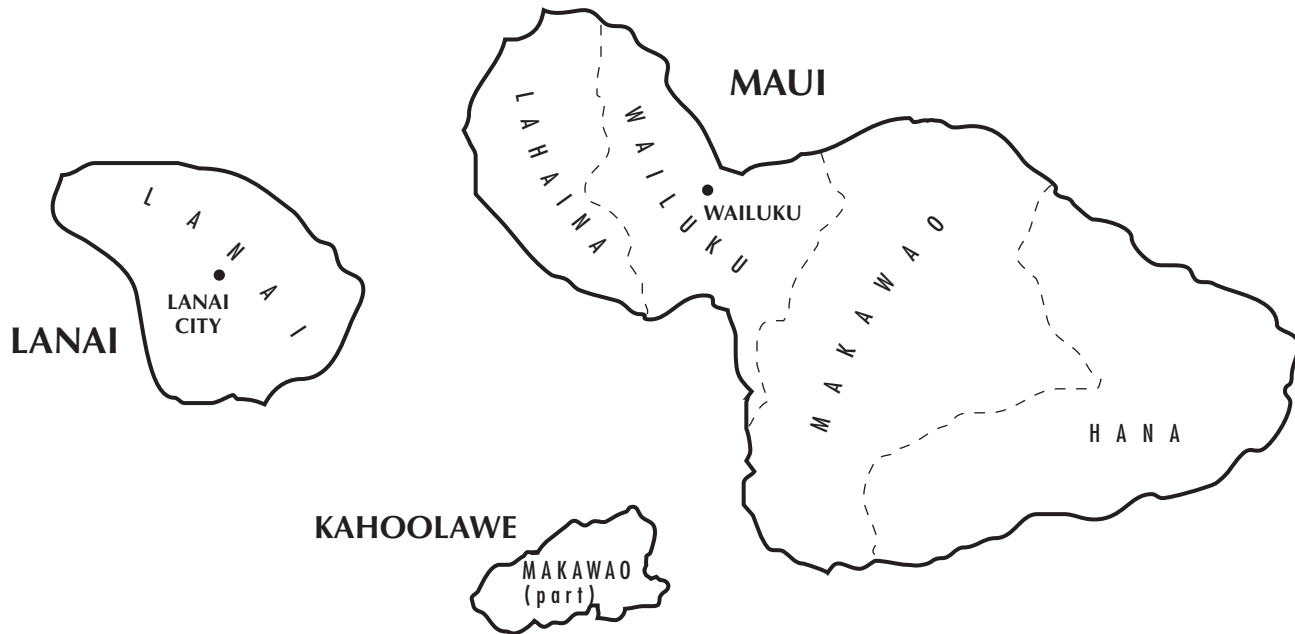
1.2.1

# MAUI COUNTY AND DISTRICTS



**MOLOKAI**

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

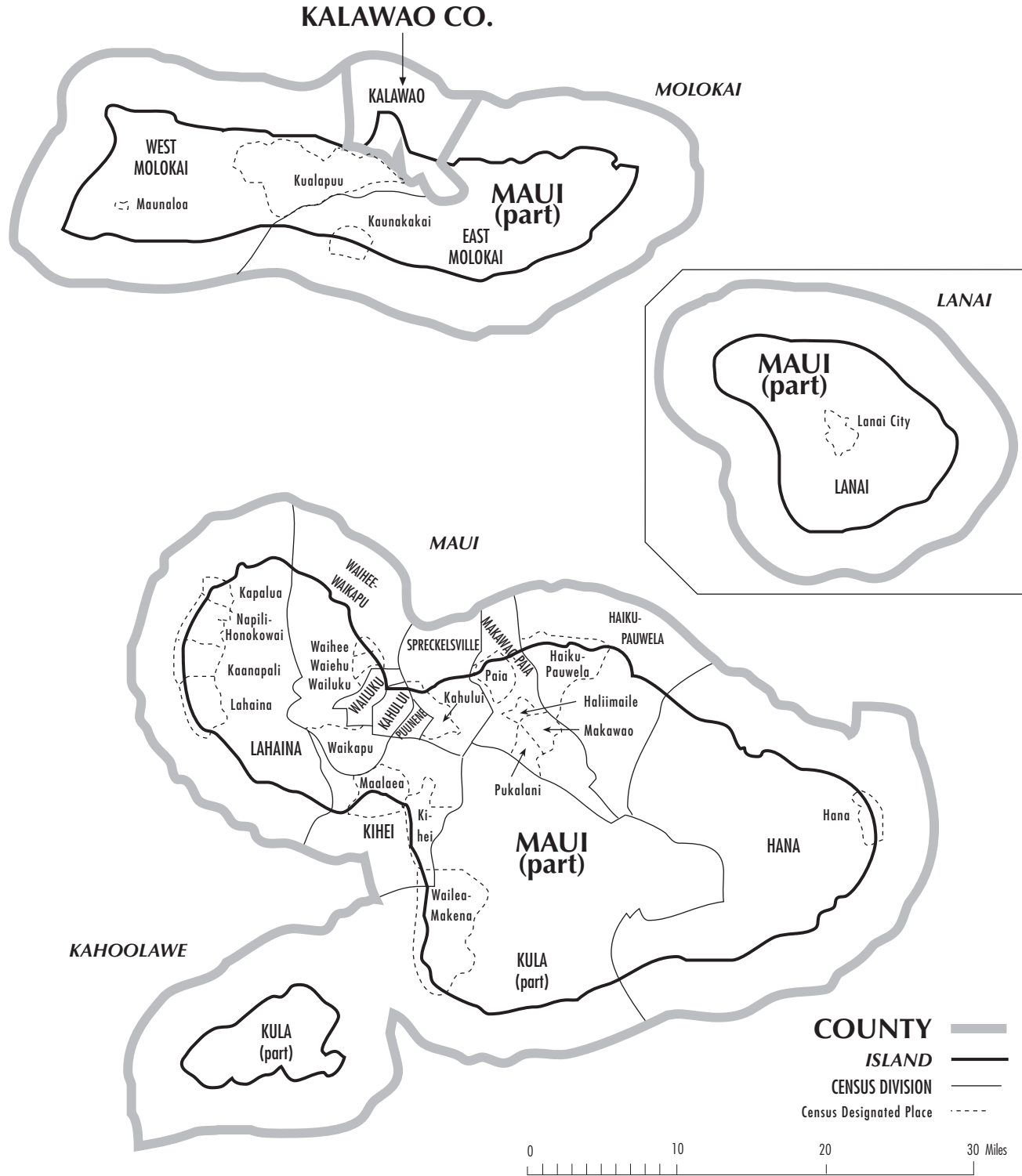


SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, 1991.



1.2.2

MAUI COUNTY SUBDIVISIONS AND PLACES



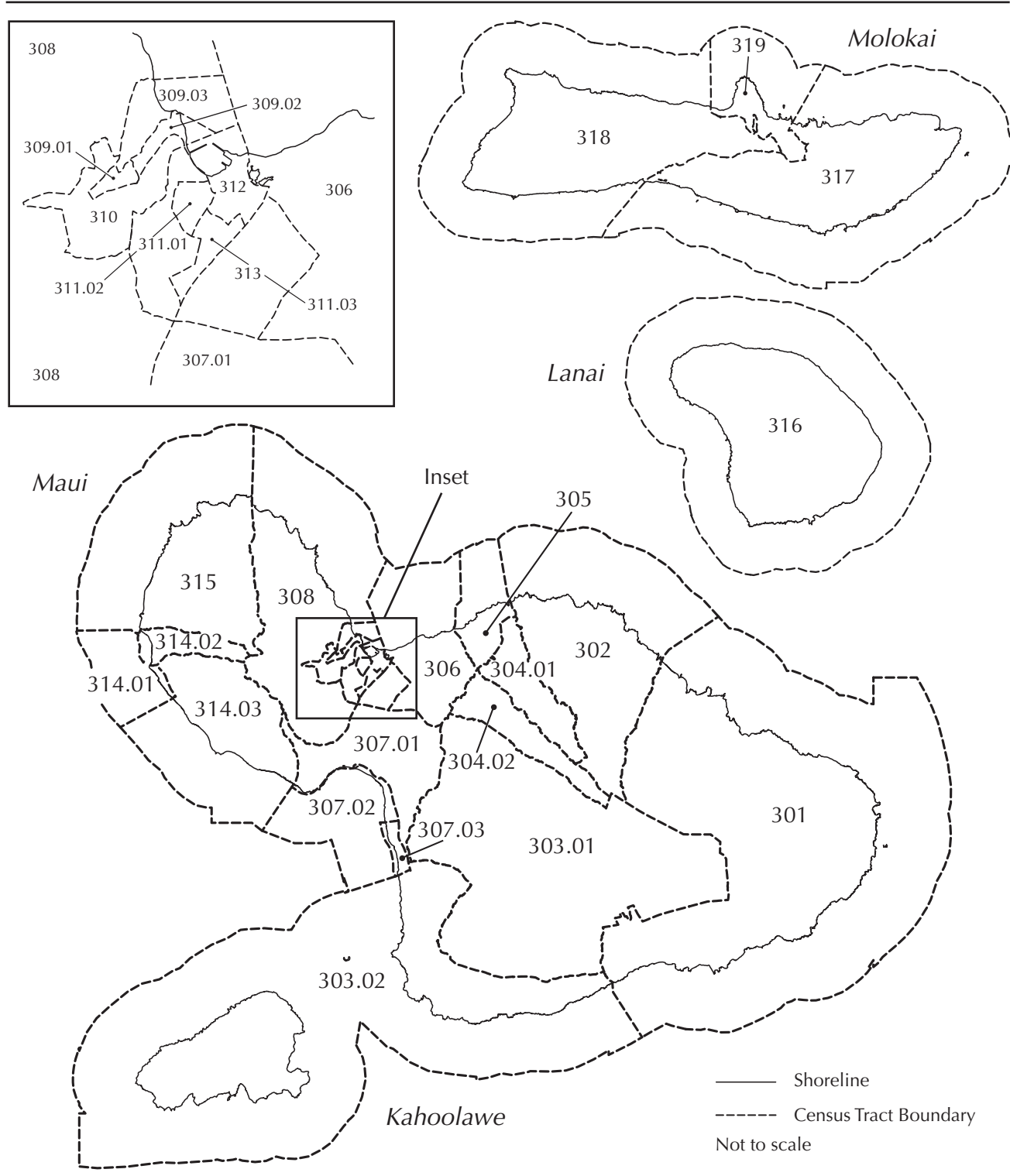
SOURCE: U.S. Department of Commerce, Bureau of the Census, 2001.





### 1.2.3

## MAUI COUNTY CENSUS TRACTS



SOURCE: U.S. Bureau of the Census, Redistricting Census 2000 TIGER/Line files, processed by the 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, 2001	131,704	151,538	58,997	879,180	1,221,419
July 1, 2002r	133,338	154,348	59,885	885,678	1,233,249
July 1, 2003r	135,693	157,801	60,564	891,548	1,245,606
July 1, 2004r	137,875	161,798	61,657	897,969	1,259,299
July 1, 2005r	139,807	166,461	62,365	904,645	1,273,278
July 1, 2006	141,440	171,191	63,004	909,863	1,285,498

<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.*

Date	Maui County <sup>1</sup>	Hawai'i County	Kaua'i County	City & County of Honolulu	State Total
April 1, 1980	85,803	98,588	46,048	821,068	1,051,508
July 1, 1981	89,000	101,700	47,300	824,700	1,062,600
July 1, 1982	94,200	104,300	48,400	837,600	1,084,600
July 1, 1983	104,000	108,500	50,500	846,300	1,109,200
July 1, 1984	114,400	109,600	54,100	852,300	1,130,500
July 1, 1985	115,400	112,500	55,200	854,800	1,137,800
July 1, 1986	120,100	116,600	59,700	871,000	1,167,500
July 1, 1987	123,100	120,400	62,100	881,000	1,186,500
July 1, 1988	125,700	122,200	64,200	888,200	1,200,400
July 1, 1989	139,200	132,300	68,100	905,900	1,245,600
May 1, 1990r	134,56	133,202	66,699	896,260	1,230,731
July 1, 1991r	138,390	137,103	68,558	913,268	1,257,319
July 1, 1992r	139,703	141,240	69,605	901,717	1,252,265
July 1, 1993r	146,651	146,421	66,076	912,514	1,271,662
July 1, 1994r	149,067	148,014	61,262	909,506	1,267,849
	152,434	150,311	67,161	919,898	1,289,804
July 1, 1995r	155,144	152,482	68,844	921,626	1,298,096
July 1, 1996r	157,468	154,364	70,474	921,609	1,303,915
July 1, 1997r	162,011	161,225	71,763	932,931	1,327,930
July 1, 1998r	163,562	165,205	73,920	931,439	1,334,125
July 1, 1999r	165,743	164,570	74,441	927,689	1,332,442
May 1, 2000r	168,544	167,073	75,200	927,174	1,337,991
July 1, 2000r	168,493	166,428	74,705	924,973	1,334,599
July 1, 2001r	168,121	167,979	73,862	923,138	1,333,100
July 1, 2002r	171,057	171,556	74,799	929,275	1,346,687
July 1, 2003r	174,141	174,042	75,907	929,117	1,353,207
July 1, 2004r	177,283	179,053	77,729	939,234	1,373,299
July 1, 2005r	181,346	186,836	79,063	945,804	1,393,049
July 1, 2006	183,882	191,733	80,683	951,318	1,407,616

<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
Koʻolauloa	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
Kihei division	19,843	38.8	511.5
Kula division	9,729	263.4	36.9
Lahaina division	17,967	95.9	187.4
Makawao-Pā'ia division	18,370	43.3	424.1
Pu'unēnē 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
Kihei 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
Kualapū'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).

1.3.6

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

	Total Population	SEX		RACE (ALONE OR IN COMBINATION)							
		Male	Female	White	Black or African American	American Indian and Alaska Native	Asian	Native Hawaiian and Other Pacific Islander	Some other race	Hispanic or Latino (any race)	
<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'ikū-Pa'uwela division	8,377	4,272	4,105	6,347	124	273	2,109	1,917	352	1,106	
Ha'ikū-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	
Ma'atalea 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'unēnē 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)	-	-	-	-	-	-	-	-	-	-	
Waie'e-Waikapū division	3,397	1,724	1,673	1,324	21	38	1,884	966	118	321	
Waie'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	
Waie'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	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'ikū-Pa'uwela	8,377	586	613	946	349	271	1,201	1,668	1,568	408	210	311	191	55	36.5
Ha'ikū-Pa'uwela CDP	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-Mākena 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-Mākena 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
Hālīmaile 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	34.0

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-Waihehu 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-Waihehu 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'i (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
7/1/2000-7/1/2001	1,895	827	1,068	647	1,240	2,940
4/1/2000-7/1/2001	2,365	1,016	1,349	773	1,464	3,568
7/1/2001-7/1/2002	2,148	753	1,395	718	20	2,133
7/1/2002-7/1/2003	1,895	967	928	625	871	2,420
7/1/2003-7/1/2004	2,013	990	1,023	610	790	2,425
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

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, 2006."



### 1.3.10

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

Residency	1999	2000	2001	2002	2003	2004	2005
Both Bride and Groom are Residents	981	991	1,003	941	998	957	949
Only One is a Resident	41	43	36	47	69	51	48
Both Bride and Groom are Non-Residents	6,748	7,839	7,199	7,950	8,653	9,012	8,835
Total	7,770	8,873	8,238	8,938	9,720	10,020	9,832

<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

	2002	2003	2004	2005	2006	2007
January	420	468	575	511	487	462
February	664	560	617	584	591	540
March	568	719	685	651 r	702	592
April	648	693	784	735 r	717	621
May	932	1,031	1,032	1,048	969	870
June	683	830	833	806 r	848	672
July	652	739	821	739	738	849
August	724	810	779	824 r	687	673
September	842	851	865	892	871	736
October	800	835	940	932	855	765
November	577	641	587	652 r	593	152
December	440	476	494	458 r	503	n/a
Total	7,950	8,653	9,012	8832 r	8,561	6,932

<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*

Zip Code	Location	2001	2002	2003	2004	2005	2006
<b>Maui Island</b>							
96708	Ha'ikū	114	124	99	101	129	139
96713	Hāna	40	33	29	33	29	33
96732	Kahului	293	310	350	303	344	343
96753	Kihei	260	301	306	347	305	343
96761	Lahaina	266	290	279	296	299	288
96768	Makawao/Pukalani	221	190	226	232	221	239
96779	Pā'ia	34	38	40	43	27	37
96784	Pu'unene	0	0	9	0	0	0
96790	Kula	55	69	70	78	65	74
96793	Wailuku	328	333	350	333	330	371
<b>Lāna'i</b>							
96763	Lāna'i City	35	38	37	26	49	41
<b>Moloka'i</b>							
96729	Ho'olehua	20	14	13	19	13	18
96748	Kaunakakai	56	82	49	55	57	64
96757	Kualapu'u	11	15	13	9	13	13
96770	Maunaloa	12	13	8	9	14	15
<b>Unknown</b>		8	5	0	11	14	9
<b>Total</b>		<b>1,753</b>	<b>1,855</b>	<b>1,878</b>	<b>1,895</b>	<b>1,909</b>	<b>2,027</b>

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

1.3.13

**CHARACTERISTICS OF LIVE BIRTHS,  
MAUI COUNTY**

Characteristic	2003	Percent	2004	Percent	2005	Percent
<b>Births By Area of Residence</b>						
Maui County	1,883	100.00%	1,895	100.00%	1,909	100.00%
Maui	1,761	93.52%	1,774	93.61%	1,763	91.87%
Moloka'i	86	4.57%	1211	6.39%	97	5.05%
Lāna'i	36	1.91%	n/a	n/a	49	2.55%
<b>Ethnicity of Child</b>						
Caucasian	371	19.70%	438	23.11%	411	21.53%
Hawaiian	808	42.91%	782	41.27%	818	42.85%
Chinese	25	1.33%	27	1.42%	21	1.10%
Filipino	408	21.67%	370	19.53%	346	18.12%
Japanese	104	5.52%	107	5.65%	126	6.60%
All Others	167	8.87%	171	9.02%	187	9.80%
Total	1,883	100.00%	1,895	100.00%	1909	100.00%
<b>Ethnicity of Mother</b>						
Caucasian	531	28.20%	572	30.18%	554	29.02%
Hawaiian	589	31.28%	592	31.24%	622	32.58%
Chinese	13	0.69%	20	1.06%	18	0.94%
Filipino	428	22.73%	427	22.53%	400	20.95%
Japanese	140	7.43%	116	6.12%	125	6.55%
All Others	182	9.67%	168	8.87%	190	9.95%
Total	1,883	100.00%	1,895	100.00%	1909	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>					
1994	2,524,210	2,497,283	1,181,347	23,221,255	29,424,095
1995	2,582,973	2,552,238	1,225,950	23,565,253	29,926,414
1996	2,628,372	2,626,445	1,221,403	23,646,046	30,122,266
1997	2,706,070	2,693,916	1,238,384	24,363,482	31,001,852
1998	2,848,193	2,865,367	1,272,456	24,770,656	31,756,672
1999	3,036,459	2,987,074	1,319,431	25,302,751	32,645,715
2000	3,240,658	3,195,347	1,410,114	26,604,764	34,450,883
2001	3,345,029	3,371,216	1,434,026	26,976,012	35,126,283
2002	3,523,628	3,563,723	1,463,689	27,818,834	36,369,874
2003r	3,691,181	3,721,683	1,538,491	28,885,499	37,836,854
2004r	4,053,148	4,101,983	1,695,495	31,278,392	41,129,018
2005r	4,355,827	4,426,436	1,814,873	33,316,323	43,913,459
2006p	NA	NA	NA	NA	46,662,152
<b>Per Capita Income (\$)</b>					
1994	21,997	18,134	20,917	26,430	24,777
1995	21,909	18,166	21,482	26,736	25,004
1996	21,778	18,505	21,173	26,766	25,024
1997	22,041	18,650	21,458	27,476	25,587
1998	22,850	19,648	21,998	27,929	26,132
1999	24,068	20,324	22,646	28,789	26,973
2000r	25,137	21,410	24,088	30,391	28,422
2001r	25,398	22,247	24,307	30,683	28,759
2002r	26,426	23,089	24,442	31,410	29,491
2003r	27,202	23,585	25,403	32,399	30,376
2004r	29,397	25,352	27,499	34,832	32,660
2005r	31,156	26,591	29,101	36,828	34,489
2006	NA	NA	NA	NA	36,299

NA: Data not available for this year.

r: Revised from previous Data Book.

P: Preliminary

Notes:

<sup>1</sup> Census Bureau midyear population estimates. Estimates for 2000-2003 reflect county population estimates available as of April 2005.

<sup>2</sup> 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.

<sup>3</sup> Per capita personal income is total personal income divided by total midyear population.

<sup>4</sup> All state and local area dollar estimates are in current dollars (not adjusted for inflation).

SOURCE: Regional Economic Information System, Bureau of Economic Analysis, 2006.

## 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

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 HAWAI‘I**  
**RELATIVE TO WASHINGTON, DC**

Expenditure Item	Maui Index	Honolulu Index	Hawai‘i Index	Kauai‘i Index	Expenditure Item	Maui Index	Honolulu Index	Hawai‘i Index	Kauai‘i Index
Food	134.08	122.24	120.75	127.66	Transportation	125.90	118.67	118.02	121.37
Cereals and bakery products	168.84	149.58	155.11	162.92	Motor vehicle costs	114.93	108.88	100.64	108.56
Meats, poultry, fish, and eggs	131.51	112.97	113.41	116.75	Gasoline and motor oil	133.65	113.73	121.90	126.75
Dairy products	134.00	127.68	139.91	163.44	Maintenance and repairs	101.69	117.73	102.07	111.57
Fruits and vegetables	140.61	125.39	121.93	139.47	Vehicle insurance	99.63	103.42	103.83	83.83
Processed foods	166.13	159.28	155.19	155.96	Public transportation	250.37	218.80	268.41	261.81
Other food at home	134.66	131.16	129.50	130.62					
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)

<b>Earnings by Industry<sup>1</sup></b>	<b>2005</b>	<b>Earnings by Industry</b>	<b>2005</b>
<b>Personal income</b>	<b>4,355,827</b>	<b>Nondurable goods manufacturing</b>	<b>101,111</b>
<b>Population (persons)<sup>2</sup></b>	<b>139,807</b>	Food manufacturing	41,333
<b>Per capita personal income (dollars)</b>	<b>31,156</b>	Beverage and tobacco product manufacturing	(D)
<b>Earnings by place of work</b>	<b>3,450,252</b>	Textile mills	874
less: Contributions for government social ins. <sup>3</sup>	365,203	Textile product mills	(D)
Employee and self-employed contributions	190,644	Apparel manufacturing	1,520
Employer contributions	174,559	Leather and allied product manufacturing	125
plus: Adjustment for residence <sup>4</sup>	(23,144)	Paper manufacturing	42,095
equals: Net earnings by place of residence	3,061,905	Printing and related support activities	5,251
plus: Dividends, interest, and rent <sup>5</sup>	673,720	Petroleum and coal products manufacturing	(D)
plus: Personal current transfer receipts	620,202	Chemical manufacturing	(D)
<b>Wage and salary disbursements</b>	<b>2,497,244</b>	Plastics and rubber products manufacturing	(D)
<b>Supplements to wages and salaries</b>	<b>544,412</b>	<b>Wholesale trade</b>	<b>70,242</b>
Employer contributions	369,853	<b>Retail trade</b>	<b>323,966</b>
Employer contributions	174,559	Motor vehicle and parts dealers	44,948
<b>Proprietors' income<sup>6</sup></b>	<b>408,596</b>	Furniture and home furnishings stores	14,294
Farm proprietors' income	(405)	Electronics and appliance stores	(D)
Nonfarm proprietors' income	409,001	Building material and garden supply stores	29,166
<b>Farm earnings</b>	<b>70,229</b>	Food and beverage stores	54,955
<b>Nonfarm earnings</b>	<b>3,380,023</b>	Health and personal care stores	22,671
<b>Private earnings</b>	<b>2,842,808</b>	Gasoline stations	14,817
<b>Forestry, fishing, related activities, and other<sup>7</sup></b>	<b>(D)</b>	Clothing and clothing accessories stores	47,307
Forestry and logging	(D)	Sporting goods, hobby, book and music stores	14,011
Fishing, hunting, and trapping	(D)	General merchandise stores	41,060
Agriculture and forestry support activities	(D)	Miscellaneous store retailers	35,983
Other <sup>7</sup>	0	Nonstore retailers	(D)
<b>Mining</b>	<b>(D)</b>	<b>Transportation and warehousing</b>	<b>128,699</b>
Oil and gas extraction	(L)	Air transportation	30,291
Mining (except oil and gas)	(D)	Rail transportation	0
Support activities for mining	0	Water transportation	(D)
<b>Utilities</b>	<b>39,372</b>	Truck transportation	17,882
<b>Construction</b>	<b>298,255</b>	Transit and ground passenger transportation	7,460
Construction of buildings	95,985	Pipeline transportation	0
Heavy and civil engineering construction	54,433	Scenic and sightseeing transportation	44,471
Specialty trade contractors	147,837	Support activities for transportation	16,802
<b>Manufacturing</b>	<b>173,870</b>	Couriers and messengers	5,759
Durable goods manufacturing	72,759	Warehousing and storage	(D)
Wood product manufacturing	3,388	<b>Information</b>	<b>57,244</b>
Nonmetallic mineral product manufacturing	32,817	Publishing industries, except Internet	16,694
Primary metal manufacturing	21,663	Motion picture and sound recording industries	(D)
Fabricated metal product manufacturing	2,012	Broadcasting, except Internet	2,644
Machinery manufacturing	(D)	Internet publishing and broadcasting	(D)
Computer and electronic product manufacturing	(D)	Telecommunications	35,088
Electrical equipment and appliance manufacturing	0	ISPs, search portals, and data processing	(D)
Motor vehicles, bodies and trailers, and parts	68	Other information services	(L)
Other transportation equipment manufacturing	(D)		
Furniture and related product manufacturing	(D)		
Miscellaneous manufacturing	9,407		



## 1.4.5

CONTINUED

Earnings by Industry <sup>1</sup>	2005	Earnings by Industry	2005
<b>Finance and insurance</b>	<b>55,611</b>	<b>Arts, entertainment, and recreation</b>	<b>101,146</b>
Monetary authorities - central bank	0	Performing arts and spectator sports	31,760
Credit intermediation and related activities	37,005	Museums, historical sites, zoos, and parks	11,078
Securities, commodity contracts, investments	8,522	Amusement, gambling, and recreation	58,308
Insurance carriers and related activities	10,084	<b>Accommodation and food services</b>	<b>758,156</b>
Funds, trusts, and other financial vehicles	0	Accommodation	568,210
<b>Real estate and rental and leasing</b>	<b>122,956</b>	Food services and drinking places	189,946
Real estate	87,967	<b>Other services, except public administration</b>	<b>126,803</b>
Rental and leasing services	(D)	Repair and maintenance	33,490
Lessors of nonfinancial intangible assets	(D)	Personal and laundry services	24,340
<b>Professional and technical services</b>	<b>125,850</b>	Membership associations and organizations	59,361
<b>Management of companies and enterprises</b>	<b>32,655</b>	Private households	9,612
<b>Administrative and waste services</b>	<b>139,980</b>	<b>Government and government enterprises</b>	<b>537,215</b>
<b>Administrative and support services</b>	<b>129,250</b>	Federal, civilian	54,993
Waste management and remediation services	10,730	Military	49,183
<b>Educational services</b>	<b>35,638</b>	State and local	433,039
<b>Health care and social assistance</b>	<b>(D)</b>	State government	288,485
Ambulatory health care services	167,763	Local government	144,554
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 2001-2005 are based on the 2002 North American Industry Classification System (NAICS).

<sup>2</sup> Census Bureau midyear population estimates. Estimates for 2001-2005 reflect county population estimates available as of March 2007.

<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 2007.

1.4.6

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

*1982 - 1984 Average = 100 unless otherwise noted*

<b>Group</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
<b>All items</b>	<b>180.3</b>	<b>184.5</b>	<b>190.6</b>	<b>197.8</b>	<b>209.4</b>
<b>Food and beverages</b>	<b>171.0</b>	<b>174.9</b>	<b>180.2</b>	<b>185.9</b>	<b>194.2</b>
Food	171.6	174.1	179.5	185.4	193.9
Food at home	175.2	178.7	185.7	191.4	198.9
Food away from home	166.0	167.1	171.0	176.4	186.0
Alcoholic beverages	175.7	184.0	188.5	191.5	197.7
<b>Housing</b>	<b>181.2</b>	<b>186.2</b>	<b>194.3</b>	<b>205.2</b>	<b>222.5</b>
Shelter	196.3	200.3	209.7	221.4	242.2
Rent of primary residence	185.3	190.2	196.9	207.6	228.9
Owners' equivalent rent	201.8	206.4	214.4	225.0	248.3
Fuels and utilities	142.6	154.1	161.1	179.8	203.3
Household energy	125.0	137.7	146.1	165.4	187.3
Gas (piped) and electricity	124.3	136.9	144.8	163.5	185.2
Electricity	123.3	133.6	141.1	159.2	181.1
Utility natural gas service	126.4	167.7	180.7	206.9	217.8
Household furnishings and operations	157.2	162.8	166.4	165.1	162.6
<b>Apparel</b>	<b>102.6</b>	<b>98.5</b>	<b>101.2</b>	<b>102.5</b>	<b>104.4</b>
<b>Transportation</b>	<b>170.9</b>	<b>176.4</b>	<b>182.4</b>	<b>191.6</b>	<b>202.1</b>
Private transportation	164.2	171.5	179.4	189.1	199.8
Motor fuel	130.3	154.5	172.6	203.7	234.0
Gasoline (all types)	133.4	158.5	177.5	209.3	240.4
Gasoline, unleaded regular	138.7	166.0	186.6	220.3	253.5
Gasoline, unleaded midgrade <sup>2</sup>	105.8	124.9	139.4	164.3	188.4
Gasoline, unleaded premium	123.4	145.0	160.5	188.4	215.1
<b>Medical care</b>	<b>No Data</b>	<b>No Data</b>	<b>275.9</b>	<b>No Data</b>	<b>No Data</b>
<b>Recreation<sup>3</sup></b>	<b>99.5</b>	<b>100.4</b>	<b>102.3</b>	<b>97.8</b>	<b>101.1</b>
<b>Education and communication</b>	<b>107.8</b>	<b>112.5</b>	<b>113.5</b>	<b>114.3</b>	<b>114.0</b>
<b>Other goods and services</b>	<b>302.2</b>	<b>307.6</b>	<b>312.4</b>	<b>321.0</b>	<b>332.1</b>

## 1.4.6

CONTINUED

Group	2002	2003	2004	2005	2006
<b>Special aggregate indexes</b>					
All items less shelter	174.4	178.5	183.2	188.1	195.6
All items less medical care	176.3	180.2	186.3	193.5	205.1
All items less energy	185.6	188.6	194.3	200.2	211.0
All items less food and energy	189.5	192.6	198.4	204.4	215.6
Commodities	152.0	154.8	159.3	164.1	169.4
Commodities less food	138.5	141.4	145.3	149.5	152.9
Commodities less food and beverages	136.7	139.4	143.3	147.5	150.8
Durables	124.6	122.6	122.1	121.0	120.2
Nondurables	159.9	164.2	170.3	177.6	186.0
Nondurables less food	147.3	153.1	159.9	168.6	177.1
Nondurables less food and beverages	145.2	150.8	157.9	167.0	175.7
Energy	128.0	147.0	160.6	186.3	211.6
Services	205.0	210.3	217.8	227.1	244.2
Services less rent of shelter <sup>1</sup>	218.5	224.5	229.5	234.1	246.1
Services less medical care services	200.3	205.4	213.2	222.6	240.4

<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 2005**

<b>Area/ Type</b>	<b>Facility</b>	<b>Licensed Beds</b>	<b>Inpatient Days</b>	<b>Admissions</b>	<b>Avg. Length of Stay</b>	<b>Avg. Daily Census</b>	<b>Percent Occ.</b>
<b>Medical/Surgical</b>							
	Kula Hospital	2	63	22	2.9	8.63	0.2
	Maui Memorial Hospital	129	44,851	10,099	4.4	95.26	122.9
<b>Critical Care</b>							
	Maui Memorial Hospital	15	3,739	739	5.1	68.29	10.2
<b>Obstetric</b>							
	Maui Memorial Hospital	23	3,606	1,608	2.2	42.95	9.9
	Moloka'i General Hospital	3	40	28	1.4	3.65	0.1
<b>Psychiatric (Psych)</b>							
	Maui Memorial Hospital	18	2,190	519	4.2	33.33	6.0
<b>Intermediate Care (ICF)</b>							
	Hale Makua (Wailuku & Kahului)	124	44,371	85	522.0	98.04	121.6
<b>SNF/ICF</b>							
	Hale Makua (Wailuku & Kahului)	238	83,694	380	220.2	96.34	229.3
	Kula Hospital	104	34,262	70	489.5	90.26	93.9
	Lāna'i Community Hospital	10	3,259	10	325.9	89.29	8.9
	Moloka'i General Hospital	4	1,256	1	1,256.0	86.03	3.4
<b>Acute/SNF</b>							
	Lāna'i Community Hospital	4	48	18	2.7	3.29	0.1
	Moloka'i General Hospital	8	679	129	5.3	23.25	1.9
<b>Mentally Retarded (MR)</b>							
	Kula Hospital	9	2,486	1	2,486.0	75.68	6.8
<b>Hansen's Disease</b>							
	Kalaupapa Care Home	16	1,899	5	379.8	32.52	5.2
<b>Other(s)</b>							
	Aloha House Inc.	32	2,452	198	12.4	20.99	6.7
	Ho'omaka Hou	51	10,950	100	109.5	58.82	30.0
	The Maui Farm, Inc.	15	2,428	3	809.3	44.35	6.7
<b>Maui County Total</b>		<b>823</b>	<b>246,971</b>	<b>14,258</b>	<b>17.3</b>	<b>67.66</b>	<b>676.6</b>

Notes:

ALOS = Average Length of Stay

Occup% = Occupancy Rate

ADC = Average Daily Census

SNF= Skilled Nursing Facility

ICF = Intermediate Care Facility

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+
Type I (up to 5 beds)				
Kahului	7	33	3,452	9.56
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	14	68	14,566	4.67
Hawai'i County	49	218	19,432	11.22
Kaua'i County	11	46	7,980	5.76
City & County of Honolulu	392	1,873	115,946	16.15
State Total	466	2,205	157,997	13.96
Type II (more than 5 beds)				
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 County	0	0	19,432	0.00
Kaua'i County	1	10	7,980	1.25
City & County of Honolulu	19	355	115,946	3.06
State Total	20	365	157,997	2.31

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

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

SOURCE: Hawai'i State Department of Health, Office of Health Care Assurance, Vacancy Report - Adult Residential Care Homes and Expanded Adult Residential Care Homes, August 6, 2007.

## 1.5.3

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

	Acupuncturist	Chiropractor	Dental Hygienist	Dentist	Massage Therapist
Maui	68	69	59	85	1,311
Moloka'i	1	2	3	3	14
Lāna'i	0	0	0	1	7
O'ahu	260	191	437	802	3,307
Hawai'i	88	49	52	102	999
Kaua'i	19	22	22	37	493
<b>Subtotal Hawaii</b>	<b>436</b>	<b>333</b>	<b>573</b>	<b>1,030</b>	<b>6,131</b>
Mainland	157	267	244	402	854
Foreign/Other	11	9	4	22	77
<b>Total</b>	<b>604</b>	<b>609</b>	<b>821</b>	<b>1,454</b>	<b>7,062</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	51	36	290	19
Moloka'i	0	1	5	10	1
Lāna'i	0	0	0	2	1
O'ahu	92	199	218	2,950	117
Hawai'i	9	218	81	372	24
Kaua'i	8	31	13	146	13
<b>Subtotal Hawaii</b>	<b>126</b>	<b>500</b>	<b>353</b>	<b>3,770</b>	<b>175</b>
Mainland	19	2	26	3,373	298
Foreign/Other	0	1	1	67	2
<b>Total</b>	<b>145</b>	<b>503</b>	<b>380</b>	<b>7,210</b>	<b>475</b>

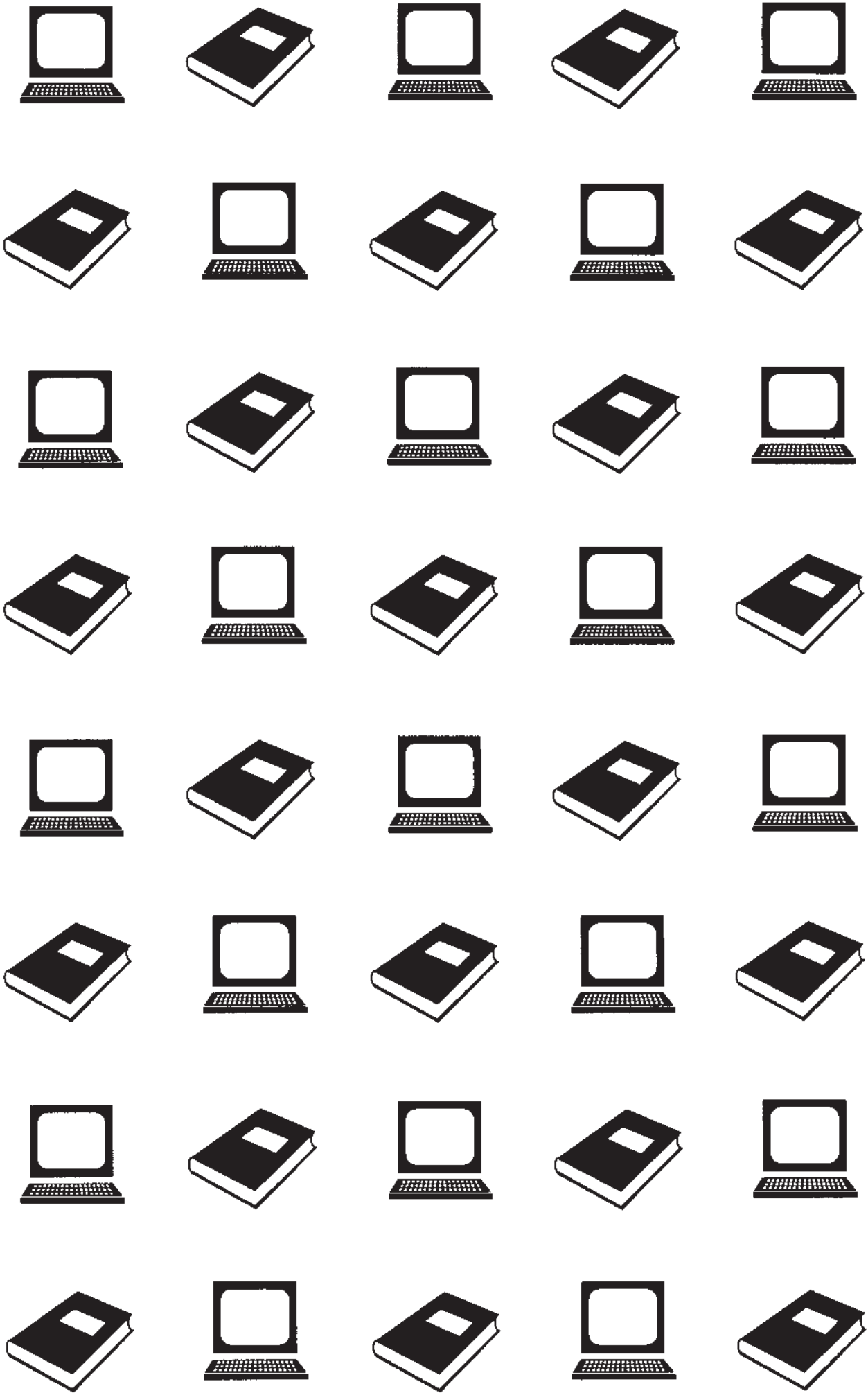
	Licensed Practical Nurse	Registered Nurse	Advanced Practice Registered Nurse	Occupational Therapist	Physical Therapist
Maui	344	1083	37	28	87
Moloka'i	9	30	3	1	1
Lāna'i	1	12	0	0	0
O'ahu	1,565	8,925	482	224	483
Hawai'i	405	1,358	66	40	83
Kaua'i	196	547	30	11	32
<b>Subtotal Hawaii</b>	<b>2,520</b>	<b>11,955</b>	<b>618</b>	<b>304</b>	<b>686</b>
Mainland	393	5,910	209	124	319
Foreign/Other	7	220	2	6	12
<b>Total</b>	<b>2,920</b>	<b>18,085</b>	<b>829</b>	<b>434</b>	<b>1,017</b>

	Naturopath	Optometrist	Pharmacist	Podiatrist	Psychologist
Maui	17	23	88	4	35
Moloka'i	0	0	3	0	0
Lāna'i	0	0	0	0	0
O'ahu	25	195	761	29	436
Hawai'i	18	20	107	6	57
Kaua'i	9	10	44	1	25
<b>Subtotal Hawaii</b>	<b>69</b>	<b>248</b>	<b>1,003</b>	<b>40</b>	<b>553</b>
Mainland	20	109	774	40	177
Foreign/Other	0	4	2	1	2
<b>Total</b>	<b>89</b>	<b>361</b>	<b>1,779</b>	<b>81</b>	<b>732</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, 4/16/2007.



# 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**

Hāna High and Elementary	K-12
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**Kīhei**

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

King Kamehameha III Elementary	K-5
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Lahaina 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
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H. Perrine Baldwin High	9-12
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Emmanuel Lutheran	K-8
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'Īao Intermediate	6-8
-------------------	-----

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

Ka'ahumanu Hou Christian (Maui)	K-12
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Kahului Elementary	K-5
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Lihikai Elementary	K-5
--------------------	-----

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

Maui High	9-12
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Maui Waena Intermediate	6-8
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St. Anthony Grade School	K-6
--------------------------	-----

St. Anthony Junior and Senior High	7-12
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Waihe'e Elementary	K-5
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Wailuku Elementary	K-5
--------------------	-----

**UpCountry/North Shore**

Carden Academy of Maui	K-7
------------------------	-----

Clearview Christian Girls School	6-8
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Doris Todd Memorial Christian	PreK-8
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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
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Montessori of Maui	PreK-8
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Pā'ia Elementary	K-5
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Pukalani Elementary	K-5
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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
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Moloka'i Christian Academy	PreK-12
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Moloka'i High	9-12
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Moloka'i Intermediate	6-8
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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	Instruction	Instructional Support	Leadership	Operations	Other Commitments
<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>					
Ī'ao	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**

School	2003	2004	2005	2006	Grades
H. Perrine Baldwin High	1,651	1,680	1,574	1,559	9-12
Ha'ikū	426	428	421	412	K-5
Hāna High & Elementary	388	384	356	357	K-12
ʻĪao	830	831	830	841	6-8
Kahului	855	850	865	895	K-5
S. Enoka Kalama Intermediate	1,066	1,014	945	927	6-8
Kamali'i	751	716	703	698	K-5
King Kamehameha III	679	698	744	738	K-5
Kaunakaka'i	238	216	218	212	K-6
Ke'anae	3	7	0	0	K-3
Kihei New Century PC High School <sup>1</sup>	164	115	149	218	9-12
King Kekaulike High	1,379	1,380	1,388	1,352	9-12
Kihei	830	855	810	793	K-5
Kilohana	109	89	98	98	K-6
Kualapu'u <sup>2</sup>	352	341	363	361	K-6
Kula Elementary	421	412	439	428	K-5
Lahaina Intermediate	625	637	578	584	6-8
Lahainaluna High	1,000	1,038	1,033	984	9-12
Lāna'i High & Elementary	636	640	616	609	K-12
Lihikai	1,143	1,108	1,102	1,118	K-5
Lokelani Intermediate	764	795	762	692	6-8
Makawao	489	455	469	481	K-5
Maui High	1,669	1,653	1,709	1,725	9-12
Maui Waena Intermediate	1,033	1,009	1,017	987	6-8
Maunaloa	73	69	57	57	K-6
Moloka'i High <sup>3</sup>	704	413	408	394	9-12
Moloka'i Intermediate <sup>4</sup>		215	181	160	6-8
Princess Nahi'ena'ena	655	661	598	625	K-5
Pā'ia	212	212	195	209	K-5
Pukalani Elementary	493	480	457	458	K-5
Waihe'e	833	856	850	823	K-5
Wailuku Elementary	937	937	953	951	K-5
Total Enrollment	21,408	21,194	20,888	20,746	

<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.

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

## 2.4

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

School	Fall Enrollment	Students Enrolled for the Entire School Year	Receiving Free or Reduced-cost Lunch	Students in Special Education	Students with Limited English Proficiency
<b>Elementary Schools</b>					
Ha'ikū	421	93.8%	43.2%	8.6%	1.2%
Kahului	865	97.0%	51.4%	7.6%	24.9%
Kamali'i	703	90.6%	22.5%	7.5%	6.1%
Kamehameha III	744	92.2%	36.7%	8.1%	27.6%
Kaunakaka'i	218	93.1%	68.8%	19.7%	5.0%
Ke'anae <sup>1</sup>	Closed				
Kihei	810	91.2%	49.1%	4.7%	14.2%
Kilohana	98	91.8%	70.4%	7.1%	0.0%
Kualapu'u	363	96.1%	69.7%	5.8%	3.9%
Kula	439	92.3%	28.5%	6.6%	1.4%
Lihikai	1,102	94.7%	43.8%	7.8%	14.3%
Makawao	469	94.2%	48.8%	13.2%	6.6%
Maunaloa	57	84.2%	73.7%	10.5%	1.8%
Nahi'ena'ena	649	94.9%	34.1%	8.9%	33.1%
Pā'ia	195	94.9%	51.3%	5.1%	2.6%
Pukalani	457	93.4%	40.9%	11.2%	3.1%
Waihe'e	850	96.9%	39.6%	7.8%	6.5%
Wailuku	953	85.5%	37.4%	8.0%	8.5%
<b>Intermediate/Middle Schools</b>					
Īao	830	94.0%	30.6%	10.6%	3.4%
Kalama	945	94.6%	38.9%	16.4%	0.8%
Lahaina	578	95.7%	35.8%	13.1%	10.6%
Lokelani	762	82.8%	31.4%	9.6%	2.9%
Maui Waena	1,017	96.2%	40.6%	11.7%	9.9%
Moloka'i	181	92.8%	69.6%	20.4%	5.0%
<b>High Schools</b>					
Baldwin	1,574	94.0%	20.1%	14.3%	4.0%
King Kekaulike	1,388	92.0%	31.8%	20.5%	0.9%
Lahainaluna	1,033	92.7%	19.7%	15.1%	6.9%
Maui	1,709	89.9%	28.1%	14.4%	7.3%
Moloka'i	408	91.9%	57.4%	17.4%	2.0%
<b>Multi-Level Schools</b>					
Hāna High & Elem	356	93.0%	63.5%	19.4%	0.0%
Lāna'i High & Elem	616	95.9%	21.9%	21.4%	11.0%

<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 2005-2006*.

## 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	1.4%	3.6%	1.8%	26.1%	3.2%	1.8%	2.7%	49.7%	9.9%
Kahului	0.2%	55.5%	2.4%	20.5%	5.8%	1.5%	2.6%	3.6%	7.8%
Kamali'i	1.6%	9.7%	2.0%	8.6%	3.6%	0.6%	4.0%	51.2%	18.7%
Kamehameha III	0.3%	12.5%	1.1%	12.2%	1.6%	0.4%	15.3%	28.4%	28.2%
Kaunakaka'i	0.4%	14.1%	2.2%	71.8%	1.3%	0.0%	0.4%	7.5%	2.2%
Ke'anae <sup>1</sup>									
Kihei	0.1%	33.5%	0.4%	23.0%	2.5%	0.5%	6.4%	16.6%	16.9%
Kilohana	0.0%	3.2%	1.1%	88.4%	2.1%	0.0%	0.0%	4.2%	1.1%
Kualapu'u	0.0%	3.8%	27.4%	64.5%	0.5%	0.3%	0.8%	1.4%	1.4%
Kula	2.7%	3.8%	6.9%	24.2%	7.6%	4.9%	2.4%	41.3%	6.1%
Lihikai	1.7%	36.8%	4.6%	20.9%	10.5%	2.4%	4.6%	5.2%	13.3%
Makawao	1.6%	13.8%	6.5%	29.0%	5.9%	7.1%	5.9%	20.1%	10.1%
Maunaloa	0.0%	9.6%	13.5%	69.2%	0.0%	0.0%	0.0%	3.8%	3.8%
Nahi'ena'ena	0.4%	42.9%	6.7%	16.3%	3.1%	0.9%	10.5%	4.5%	14.6%
Pā'ia	0.0%	10.5%	19.5%	44.0%	1.5%	3.5%	2.0%	7.0%	12.0%
Pukalani	1.5%	16.0%	9.1%	27.4%	9.7%	6.7%	1.9%	12.4%	15.4%
Waihe'e	2.2%	24.0%	13.6%	32.5%	7.8%	2.1%	1.5%	7.8%	8.5%
Wailuku	1.8%	13.9%	7.8%	30.0%	16.9%	2.0%	2.4%	10.4%	14.8%
<b>Intermediate/Middle Schools</b>									
Īao	1.1%	21.9%	6.7%	27.8%	17.3%	1.8%	2.2%	6.9%	14.2%
Kalama	1.1%	10.3%	5.9%	23.7%	7.8%	8.2%	3.1%	28.8%	10.8%
Lahaina	0.3%	35.4%	1.9%	14.3%	2.1%	0.9%	9.8%	19.7%	15.4%
Lokelani	0.1%	26.4%	1.0%	12.4%	3.1%	0.4%	4.0%	31.6%	20.8%
Maui Waena	1.0%	46.2%	4.0%	19.5%	7.8%	3.1%	3.2%	2.6%	12.8%
Moloka'i	0.0%	13.7%	11.4%	64.6%	2.3%	1.1%	0.0%	5.1%	1.7%
<b>High Schools</b>									
Baldwin	1.1%	24.2%	6.3%	25.2%	13.6%	2.5%	2.6%	13.2%	11.4%
King Kekaulike	0.8%	10.0%	5.1%	22.4%	8.7%	6.6%	2.8%	32.8%	10.9%
Lahainaluna	0.6%	32.3%	2.8%	18.6%	3.1%	1.3%	5.9%	20.2%	15.3%
Maui	0.7%	44.9%	2.4%	14.9%	6.1%	2.1%	3.4%	11.7%	13.8%
Moloka'i	0.2%	12.7%	10.2%	62.9%	2.0%	0.5%	0.5%	6.8%	4.1%
<b>Multi-Level Schools</b>									
Hāna High & Elem	0.3%	1.7%	3.7%	80.3%	0.3%	0.8%	0.8%	10.4%	1.8%
Lāna'i High & Elem	1.0%	55.7%	3.7%	19.4%	3.7%	1.0%	1.8%	6.3%	7.5%

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 2005-2006*.

## 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	% of Families with Children Living in Poverty
State of Hawaii	1,211,537	20.6%	287,068	45.0%	18.3%	\$49,820	7.6%	11.2%
Baldwin Complex	22,782	22.4%	5,308	49.9%	19.2%	\$51,251	7.1%	10.6%
King Kekaulike Complex	33,406	22.1%	8,200	56.1%	19.9%	\$52,638	5.3%	8.8%
Lahainaluna Complex	17,967	17.3%	3,789	43.2%	19.2%	\$56,315	4.5%	8.9%
Maui Complex	41,634	19.7%	9,630	45.9%	20.6%	\$48,679	6.2%	9.2%
Hana Complex	1,855	25.0%	406	47.3%	17.2%	\$37,898	7.6%	19.4%
Lānaʻi Complex	3,194	22.8%	805	50.1%	16.9%	\$43,642	4.9%	8.9%
Molokaʻi 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 2005-2006.

## 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 2005-2006.

## 2.8

## SCHOOL COMPLETION, MAUI COUNTY PUBLIC SCHOOLS, SCHOOL YEAR 2005-2006

School	Total Completers	Diploma Graduates	Certificate of Completion	Individual Program	School Dropouts <sup>1</sup>
<b>High Schools</b>					
Baldwin	100.0%	98.9%	0.0%	1.2%	14.2%
King Kekaulike	100.0%	98.4%	0.0%	1.6%	20.5%
Lahainaluna	93.6%	92.7%	0.0%	0.9%	12.1%
Maui	98.5%	97.3%	0.0%	1.2%	15.5%
Moloka'i	97.9%	97.9%	0.0%	0.0%	15.5%
<b>Multi-Level Schools</b>					
Hāna High & Elem	97.0%	97.0%	0.0%	0.0%	8.0%
Lāna'i High & Elem	100.0%	95.3%	0.0%	4.7%	2.5%

<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 2005-2006.*

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

<b>School</b>	<b>Teacher Headcount</b>	<b>With 5 or More Years at this School</b>	<b>Average Years Experience</b>	<b>With Advanced Degrees</b>	<b>Student Teacher Ratio Regular Instruction</b>	<b>Student Teacher Ratio Special Education</b>
<b>Elementary Schools</b>						
Ha'ikū	24.0	20.0	16.0	6.0	19.3	9.0
Kahului	52.0	27.0	15.4	17.0	18.2	8.3
Kamali'i	41.0	24.0	9.3	9.0	19.1	8.8
Kamehameha III	42.0	23.0	9.8	7.0	17.7	13.3
Kaunakaka'i	18.0	5.0	6.4	3.0	14.6	7.2
Ke'anae <sup>1</sup>	Closed					
Kihei	52.0	23.0	9.0	16.0	17.0	6.3
Kilohana	6.0	4.0	12.4	3.0	15.2	0.0
Kualapu'u	23.0	12.0	8.6	4.0	15.5	21.0
Kula	22.0	17.0	17.5	3.0	21.6	9.7
Lihikai	69.0	43.0	12.5	15.0	17.7	7.8
Makawao	32.0	24.0	12.6	9.0	16.6	8.9
Maunaloa	4.0	2.0	8.2	0.0	17.0	6.0
Nahi'ena'ena	43.0	20.0	9.1	12.0	16.6	8.3
Pā'ia	15.0	8.0	11.0	1.0	14.2	5.0
Pukalani	33.0	16.0	13.5	10.0	16.6	6.4
Waihe'e	52.0	29.0	10.8	10.0	18.4	8.3
Wailuku	57.0	36.0	14.1	17.0	19.1	6.9
<b>Intermediate/Middle Schools</b>						
Īao	49.0	29.0	12.2	16.0	18.8	9.8
Kalama	62.0	44.0	15.1	20.0	15.8	12.9
Lahaina	36.0	17.0	6.5	12.0	16.7	12.7
Lokelani	44.0	17.0	6.6	13.0	18.1	12.2
Maui Waena	58.0	30.0	10.0	15.0	18.0	14.9
Moloka'i	15.0	0.0	12.9	1.0	11.1	18.5
<b>High Schools</b>						
Baldwin	90.0	54.0	13.8	30.0	18.5	13.2
King Kekaulike	83.0	35.0	8.2	33.0	17.8	13.6
Lahainaluna	63.0	23.0	7.3	18.0	17.9	11.1
Maui	102.0	62.0	11.8	28.0	18.5	11.2
Moloka'i	33.0	20.0	8.9	10.0	11.6	17.8
<b>Multi-Level Schools</b>						
Hāna High & Elem	32.0	16.0	10.4	12.0	10.6	13.8
Lāna'i High & Elem	46.0	20.0	7.2	18.0	14.2	11.0

<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 2005-2006*.



## 2.10

**TERRA NOVA TEST SCORES,  
MAUI COUNTY SCHOOLS,  
SCHOOL YEAR 2006-07**

School	Grade	Reading			Math		
		% Below Average	% Average	% Above Average	% Below Average	% Average	% Above Average
<b>Elementary Schools</b>							
Ha'ikū	5	23	52	25	25	51	24
Kahului	5	25	64	12	19	55	26
Kamali'i	5	13	58	28	8	68	23
Kamehameha III	5	24	59	18	35	49	16
Kaunakaka'i	5	33	67	0	17	67	17
Ke'anae	closed						
Kihei	5	25	58	17	21	53	26
Kilohana	5	22	78	0	11	78	11
Kualapu'u NCPCCS	5	34	53	13	21	60	19
Kula	5	14	49	37	20	44	37
Lihikai	5	22	66	12	23	51	25
Makawao	5	26	54	21	25	51	25
Maunaloa	5	40	60	0	10	60	30
Nahi'ena'ena	5	37	53	10	31	61	9
Pā'ia	5	17	72	11	17	58	25
Pukalani	5	14	66	20	11	62	28
Waihe'e	5	13	62	25	18	54	28
Wailuku	5	23	56	20	20	48	31
<b>Intermediate/Middle Schools</b>							
Ī'āo	8	24	60	17	25	60	15
Kalama	8	21	60	18	32	54	14
Lahaina	8	18	67	16	31	60	10
Lokelani	8	26	58	15	25	58	17
Maui Waena	8	26	65	9	34	58	9
Moloka'i	8	21	68	11	22	57	21
<b>High Schools</b>							
Baldwin	10	20	62	18	25	48	28
Kekaulike	10	22	54	24	33	47	20
Lahainaluna	10	22	67	12	28	49	23
Maui High	10	25	61	14	23	53	24
Kihei PC	10	10	65	25	12	65	24
Moloka'i	10	38	51	12	33	53	14
<b>Multi-Level Schools</b>							
Hāna High & Elem	10	15	67	19	23	50	27
Lāna'i High & ELEM	10	20	73	7	16	76	9

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

SOURCE: State of Hawai'i, Department of Education, Hawaii Content and Performance Standards, *TerraNova07-All Schools-Reading and TerraNova07-All Schools-Math*.

2.11

**PRIVATE SCHOOL CHARACTERISTICS,  
SCHOOL YEAR 2003**

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

n/a: Not available

Note: Ethnicity is reported by number of students.

Affiliation

<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**

School	Tuition Fees
Aka'ula School	6,000
Carden Academy of Maui	6,250-7,300
Christ the King School	3,600
Clearview Christian Girl's School	5,900
Doris Todd Memorial Christian Academy	4,450-4,600
Emmanuel Lutheran School	4,180 - 5,100
Haleakalā Waldorf School	6,500 - 8,600
Ho'omana Hou School	5,000
Horizons Academy of Maui Inc.	12,850-13,700
Isaiah Center for Excellence	4,000
Ka'ahumanu Hou Christian Schools	3,650-5,150
Kamehameha Schools	2,566 - 3,237
Maui Adventist School	2,700 - 5,769
Maui Preparatory Academy	8,800 - 9,800
Moloka'i Mission School	2,700 - 5,769
Montessori Hale O Keiki	7,300
Montessori School of Maui	8,212 - 9,533
Sacred Hearts School	4,300
Seabury Hall	14,300
St Anthony Jr./Sr. High School	8,400
St Joseph Grade School	4,600 - 5,100
St. Anthony Grade School	3,950

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**

School	2004	2005	2006	2007	Grades
Aka'ula School	n/a	45	64	62	5-8
Carden Academy of Maui	n/a	104	114	135	K-7
Christ the King	160	170	196	147	PreK-8
Clearview Christian Girls School	24	24	17	18	6-9
Doris Todd Memorial Christian	124	140	140	153	PreK-8
Emmanuel Lutheran	149	157	174	180	K-8
Haleakalā Waldorf School	212	235	245	243	PreK-8
Ho'omana Hou School	n/a	16	20	37	9-10
Horizons Academy of Maui, Inc.	24	26	24	25	K-8
Isaiah Center for Excellence	n/a	30	30	23	4-12
Ka'ahumanu Hou Christian (Maui)	121	100	68	177	PreK-12
Kamehameha Schools (Maui)	832	966	1108	1084	K-12
Maui Preparatory Academy				184	PreK-9
Maui Adventist	31	27	40	41	K-10
Moloka'i Mission	6	3	4	8	K-8
Montessori Hale o' Keiki	57	64	78	80	PreK-6
Montessori of Maui	178	177	196	205	PreK-8
Sacred Hearts Elementary	221	200	232	232	K-8
St. Anthony Grade School	200	201	195	192	PreK-6
St. Anthony Junior & Senior High	288	315	319	340	7-12
St. Joseph	118	80	111	111	PreK-6
Seabury Hall	390	397	405	415	6-12
<b>Total Enrollment</b>	<b>3,135</b>	<b>3,477</b>	<b>3,780</b>	<b>4,092</b>	

n/a: Not Available.

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**

	2004	2005	2006
Library locations, June 30 <sup>1</sup>	8	8	8
Personnel, June 30 <sup>2</sup>	43	43 r	NA
Circulation, year ended June 30	929,477	659,564	686,505
Collections, June 30			
Books, Video Tapes & Sound Recordings <sup>3</sup>	393,269r	403,285	419,409
Periodical subscriptions	652	740	740

r: Revised from previous Data Book.      NA Not Available

<sup>1</sup> Includes libraries on Lanai (1 location), Maui (6 locations), and Molokai (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 r	7,756 r
2006	59,489	6,800

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**

2006 Program	Degrees and Certificates Offered			Total Earned	Associate Degrees	Certificates of Achievement
	21	22	17			
<b>Total</b>				<b>360</b>	<b>241</b>	<b>119</b>
<b>Field of Study</b>						
<b>General and Pre-Professional ED</b>						
<b>Liberal Arts</b>	AA			109	109	
<b>Career and Technical Education</b>				251	132	119
<b>Business Education</b>				73	44	29
Accounting	AAS	CA		15	11	4
Applied Business and Info. <sup>1</sup>	BAS					
Business Careers	AAS	CA		10	8	2
Business Technology <sup>2</sup>	AAS	CA		20	12	8
Business Tech				17	10	7
Office Administration				3	2	1
Medical Assistant			CC			
Hospitality and Tourism <sup>3</sup>	AAS	CA	CC	28	13	15
<b>Food Service</b>	AAS	CA		51	26	25
Pastry Cook			CC			
<b>Health Services</b>				86	38	48
Associate Degree	AS			38	38	
Practical Nursing		CA		48		48
Dental Assisting			CC			
<b>Administration of Justice</b>	AAS	CA				
<b>Public Service Programs</b>				14	9	5
Administration of Justice	ASS	CA		5	3	2
Early Childhood Education	AS	CA	CC	9	6	3
Substance Abuse Counseling	AS	CA	CC			
<b>Trades and Technology Programs</b>				27	15	12
Horticulture & Landscape Maint.	AAS	CA	CC	6	4	2
Floriculture Management		CA				
Nursery Management		CA				
Sustainable Tropical Crop Mgmt.	AAS	CA	CC			
Auto Body Repair & Painting	AAS	CA	CC(2)	3	2	1
Automotive Mechanics Tech.	AAS	CA		9	5	4
Building Maintenance		CA		1		1
Carpentry Technology	AAS	CA				
Drafting Technology		CA		1		1
Electronic & Computer Eng. Tech	AS	CA	CC	5	3	2
Fashion Technology	AAS	CA	CC(3)	2	1	1
Sustainable Technology	AAS	CA				
Welding Technology		CA	CC(2)			
<b>Interdisciplinary Program<sup>4</sup></b>	ARTS					

AA: Associate in Arts, AAS: 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, 2005 - June 30, 2006.*

## 2.17

**HAWAII HIGH SCHOOL GRADUATES ENTERING  
THE UNIVERSITY OF HAWAI'I SYSTEM  
BY HIGH SCHOOL, 2006**

School	Grads	UH System	Manoa	Hilo	Maui CC	Other Hawaii CCs
<b>Public Schools</b>						
<b>Maui County</b>	<b>1,299</b>	<b>326</b>	<b>38</b>	<b>16</b>	<b>228</b>	<b>44</b>
Baldwin	330	87	8	3	68	8
Hāna	32	7		1	3	3
Kihei Public Charter	16	3			3	0
King Kekaulike	254	53	11	4	33	5
Lahainaluna	204	55	6	2	35	12
Lāna'i	43	11		1	5	5
Maui	325	91	12	3	71	5
Moloka'i	95	19	1	2	10	6
<b>Private Schools</b>						
<b>Maui County</b>	<b>236</b>	<b>47</b>	<b>12</b>	<b>7</b>	<b>27</b>	<b>1</b>
Ka'ahumanu Hou	3					0
Kamehameha (Maui)	138	35	8	6	20	1
Saint Anthony	43	10	4		6	0
Seabury Hall	52	2		1	1	0

SOURCE: University of Hawai'i, Institutional Research Office, *High School Background of First-Time Students, University of Hawai'i, Fall 2006*.

## 2.18

**SCHOOL-BOUND STUDENTS BY  
TYPE OF SCHOOL AND LOCATION,  
MAUI COUNTY, 2006**

School	Graduates\ Respondents	In Hawaii			Not In Hawaii - 2005		
		4 Year	2 year	Bus/Trade	4 Year	2 year	Bus/Trade
Baldwin	347/328	60	81	12	75	24	18
Hāna	30/30	1	19	1	1	2	1
Kihei Public Charter	NA						
King Kekaulike	260/258	31	66	14	43	15	15
Lahainaluna	221/158	27	50	2	35	17	3
Lāna'i	43/43	12	18	1	1	0	2
Maui	324/314	49	119	8	39	9	4
Moloka'i	96/96	12	28	5	20	5	3

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, 2006*.

## 2.19

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

Fall Semester	Total	Full-Time	Part-Time
<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
<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

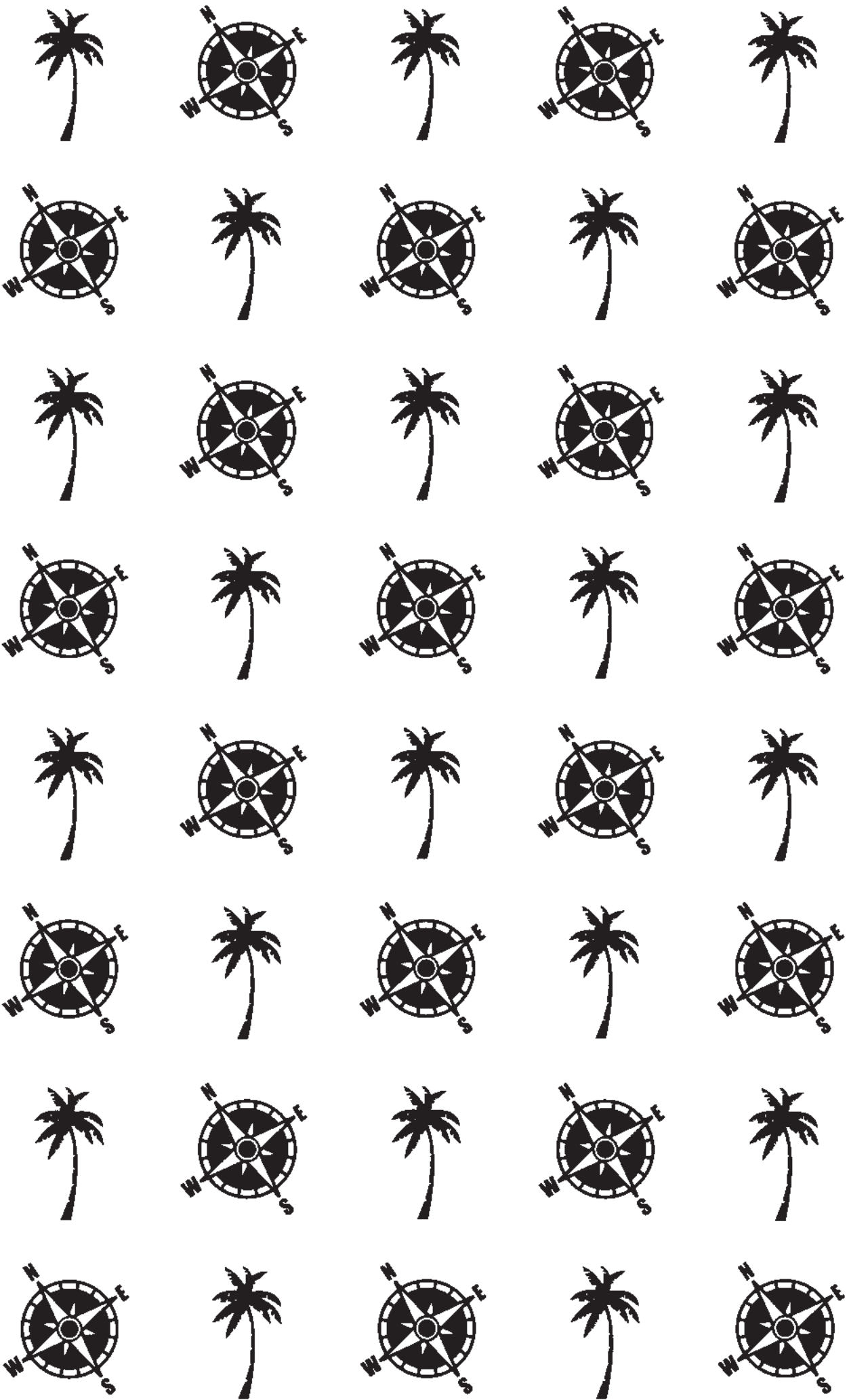
Note: Beginning with 1995, two additional categories of student are included in the enrollment figures. The categories are early admission (high school students taking Maui Community College classes) and concurrent (students primarily registered at another University of Hawai'i campus who are taking 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 sea coast. 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)
Maui			
Honokōhau	1,120	500	26.6
Waihi'umalu	400	150	
Waimoku	40	50	37.1
Moloka'i			
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
Kilauea (Uwēkahuna)	4,093	1,248
Kilauea (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 (Kohēlepelepe)	1,208	368
Nu'uānu 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
Nāmōlokama 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. Motteler, Geography and Map Division, Bernice P. Bishop Museum, the sea cliffs along the northeastern coast of Molokai 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					Month
<b>Maui</b>													
Haleakalā Ranger Station	6,960	1949	62.7	44.7	66.1	47.6	Aug	59.1	45.1	80	07/25/1953	27	02/26/1965
Hāna Airport	61	1950	80.8	67.4	83.5	70.3	Aug	78.2	63.9	94	11/03/1979	50	01/09/1953
Kahului Airport	48	1954	83.8	67.4	87.3	71.3	Aug	80.1	63.3	97	08/31/1994	48	01/20/1969
Kailua (NE Maui, inland)	700	1949	76.4	63.7	79.2	66.0	Sep	74.1	60.7	88	09/18/1968	50	01/05/2004
Lahaina	45	1949	84.9	66.4	88.1	69.4	Sep	81.4	63.0	97	08/18/1985	52	12/23/1962
<b>Moloka'i</b> Moloka'i Airport	450	1953	81.4	67.7	85.4	71.0	Sep	77.3	63.2	96	04/14/1974	46	03/04/1987
<b>Lāna'i</b> Lāna'i Airport	1,300	1949	79.3	62.7	82.7	65.8	Aug	75.8	59.2	93	07/02/2004	46	01/22/1955
Lāna'i City	1,620	1949	75.4	62.4	78.1	65.8	Aug	72.5	59.5	92	10/20/2006	47	02/22/1973
<b>PRECIPITATION</b>													
		Annual Average in.	Days Precip. >=0.01 in.	Wettest Year in.	Wettest Year Year	Driest Year in.	Driest Year Year	Wettest Month in.	Wettest Month Month	Driest Month in.	Driest Month Month	1 Day Record in.	1 Day Record Date
<b>Maui</b>													
Haleakalā Ranger Station		52.72	144	121.16	1980	17.71	1962	8.43	Jan	1.24	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		18.97	96	40.63	1989	6.76	1998	3.70	Jan	0.22	Jun	5.82	12/21/1955
Kailua (NE Maui, inland)		119.26	268	161.82	1969	79.20	1953	12.71	Mar	6.70	Sep	15.20	11/15/1965
Lahaina		14.62	33	34.78	1950	3.20	1953	3.15	Jan	0.08	Jun	7.01	12/27/1983
<b>Moloka'i</b> Moloka'i Airport		25.98	105	43.70	1963	11.06	2001	4.61	Jan	0.54	Jun	9.03	02/12/1989
<b>Lāna'i</b> Lāna'i Airport		19.35	59	47.66	1951	5.28	1999	3.16	Dec	0.51	Aug	10.45	11/10/1955
Lāna'i City		34.98	113	66.87	1968	15.64	1999	5.30	Jan	1.25	Jun	11.25	11/10/1955

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

3.1.7

**MONTHLY RAINFALL AND TEMPERATURE AT SPECIFIED LOCATIONS  
IN MAUI COUNTY**

Station	2006												Departure from		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Normal	
<i>Rainfall</i>															
<b>Maui</b>															
Haleakala Ranger Station	4.81	4.77	13.72	2.26	5.18	0.14	1.23	0.64	1.53	5.32	1.05	3.32	43.97	-9.15	
Hana Airport	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
Kahului Airport (WSO)	0.74	0.69	5.34	0.27	0.75	0.00t	0.14	0.04	0.23	4.16	3.04	3.25	18.65	-0.15	
Kapalua-West Maui Airport	1.73	1.25	14.23	1.29	1.63	0.94	0.53	0.27	0.61	4.66	5.83	2.41	35.38	9.21	
Ke'anāe	19.80a	24.00	14.70	24.00	23.00a	0.00a	6.80a	0.90	8.00	9.60a	19.00	24.00	173.80	m	
Kihei	0.38	0.81	7.42	0.06	0.47	0.00	0.01	0.00	0.05	5.64	1.61	0.04	16.49	3.86	
Kuiaha	8.05	5.00	8.61	7.76	11.47	2.81	4.71	1.99	3.76	4.32	7.35	6.83	72.66	na	
Kula Hospital	1.90	2.76	8.89	0.57	4.41	0.69	0.03	0.33	2.74	10.96	1.82	0.00	35.10	6.43	
Makena Golf Course	1.17	0.38	7.33	0.24	0.67	0.21	0.01	0.00	1.61	6.05	2.16	0.03	19.86	6.26	
'Ohe'o	7.33	16.25	12.82	5.07	7.28	2.21	4.05	3.51	6.68	10.16	11.36	5.57	92.29	8.95	
Pu'u Kukui	28.62	21.58	0.00a	0.00a	0.00a	7.68a	14.02	11.19	12.83	9.94a	15.47a	18.96a	140.29	m	
Waikamoi	19.80a	16.80	12.50	19.80	21.00a	4.20	10.50	0.71	8.00	9.50a	16.60	18.10	157.51	m	
Waihe'e Valley	2.94	7.15	11.04	3.32	4.06	0.40	1.79	0.96	1.98	7.11	9.39	4.25	54.39	9.56	
<b>Moloka'i</b>															
Kalaupapa	3.30a	3.57	11.24	2.99	4.30a	0.64	0.65	0.60	2.52	4.89	6.60	2.05	43.35	m	
Moloka'i Airport															
Kaunakakai	0.29a	1.20	9.53	0.27	0.00	a	0.00	0.00	0.00	2.69	4.56	0.01	m	m	
<b>Lāna'i</b>															
Lāna'i Airport	0.32s	m	9.34	0.00	0.46	0.02	m	m	m	3.05	5.03	0.19	m	m	
Lāna'i City	m	0.64	14.84	0.58	1.49a	0.00	0.01	0.74	1.18a	3.13	8.05a	1.31	m	m	

a: Accumulated amount. May include data from a previous month. m: Insufficient or partial data; m appears alone if 10 or more daily values are missing.  
s: Precipitation amount is continuing to be accumulated. Total will be included in a subsequent monthly or yearly value. t: Trace precipitation.  
x: Monthly means or totals based on incomplete time series. 1 to 9 days are missing.  
1: Precipitation for month.

### 3.1.7

#### CONTINUED

Station	2006												
	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	52.1x	52.0x	52.5x	53.1x	56.2x	54.9x	57.3x	57.0x	56.7x	54.3x	54.4x	54.9	54.6x
Hāna Airport	72.2	81.8	70.7	73.0	75.2x	m	m	m	m	m	m	m	m
Kahului Airport	73.0	72.2	71.3	74.2	77.0	78.3	79.2	78.6	79.9	77.5	75.5	73.5	75.9
Kailua	64.3x	63.4	63.4	65.2	67.7x	68.2x	68.5	68.1	68.9	67.4	66.2	65.5	66.4x
Kapalua-West Maui Airport	m	76.3x	73.8	78.9x	80.0	79.7	81.5x	80.7	80.0	78.6	77.5	75.4x	mx
Kula Branch Stn.	62.4	60.7	60.8	62.7	64.8	66.0	66.8	66.9	68.2	65.6	64.5	62.0	64.3
Kula Hospital	62.3x	60.0x	60.3x	62.5x	64.1x	65.2x	65.7x	65.9x	67.4	65.1x	64.1	61.1	63.6x
Mākena Golf Course	72.7	72.0	72.2x	74.4x	76.3x	77.6x	78.8x	78.1	79.8	77.2x	75.6	73.2	75.7x
'Ohe'o	73.8x	73.1x	72.5x	73.6x	76.4x	75.9x	76.7	77.5x	77.7x	76.4x	75.3x	74.8x	75.3x
<b>Moloka'i</b>													
Kalaupapa	m	73.1x	72.9x	m	m	79.4x	m	81.1x	m	m	m	m	m
Moloka'i Airport	na												
<b>Lāna'i</b>													
Lāna'i Airport	m	m	m	m	m	m	m	m	m	m	71.3x	69.1x	mx
Lāna'i 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, Hawai'i and Pacific, 2005.

### 3.1.8

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

Station	2000	2001	2002	2003	2004	2005	2006
<b>ANNUAL RAINFALL</b>							
<b>Maui</b>							
Haleakalā Ranger Station	37.30	40.62	42.56	32.60	70.00	45.57	43.97
Hāna Airport	86.85	48.37	66.47	66.93	101.36	m	na
Kahului Airport (WSO)	9.72	10.53	15.07	13.83	26.17x	m	18.65
Kapalua-West Maui Airport	18.92	20.61	27.98	27.07	48.43	m	35.38
Kailua						128.73	118.11
Ke'anae	94.50m	82.10	96.23	151.90	166.00	174.30	173.80
Kihei	3.26	6.20	13.33	11.58	26.38	10.88	16.49
Kuiaha	72.50	66.70	67.44	72.31	m	103.14	72.66
Kula Branch Stn.	1.89	15.83	30.31	25.67	31.57	25.19	30.87
Mākena Golf Course	7.47	7.01	18.24	m	29.97	15.42	19.86
Pu'u Kukui	320.67m	307.26	242.54	m	378.54	320.19	140.29
Waikamoi	148.00	145.80	131.48	111.70	133.90	158.00	157.51
Waihe'e Valley	28.4	33.36	39.83	44.03	69.70	39.92	54.39
<b>Moloka'i</b>							
Kalaupapa	29.62	m	39.78	40.03	57.06x	49.84	43.35
Moloka'i Airport	11.38	11.06	22.95	24.38	m	na	na
Kaunakakai	4.93	5.81x	15.89	10.38	45.22	20.55	m
<b>Lāna'i</b>							
Lāna'i Airport	10.60	17.58	26.49	m	26.1	na	m
Lāna'i City	18.39	m	42.58	m	78.4	m	m
<b>AVERAGE ANNUAL TEMPERATURE</b>							
<b>Maui</b>							
Haleakalā Ranger Station	54.90	54.95	55.6m	46.2x	54.4x	54.6x	55.3
Hāna Airport	m	m	74.2m	m	mx	m	na
Kahului Airport (WSO)	75.3	75.7	75.4	76.4	76.4	75.9	76.3x
Kapalua-West Maui Airport	75.0m	75.3m	75.4	76.0x	76.6	mx	76.3x
Kula Branch Stn.	63.8m	64.2m	64.0	64.5	64.9x	64.3	63.8
Kula Hospital	m	63.8m	63.4m	63.9	63.9x	63.6x	63.3x
Mākena Golf Course	75.4m	75.7m	75.2m	mx	76.0x	75.7x	75.1
<b>Moloka'i</b>							
Moloka'i Airport	m	m	74.9m	68.6x	m	na	na
<b>Lāna'i</b>							
Lāna'i Airport	71.8m	72.0m	71.7m	m	72.4x	mx	mx
Lāna'i City	m	m	m	m	m	39.94	m

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

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

na: Not available.

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*

	2002	2003	2004	2005	2006	2007
<b>Improved Residential</b>						
Land	2,105,914	2,229,559	2,760,153	3,802,950	5,316,036	5,919,247
Improvements	1,147,963	1,221,288	1,184,331	1,398,612	1,586,147	1,713,457
<b>Unimproved Residential</b>						
Land	291,068	295,995	339,207	487,817	599,634	613,817
Improvements	348	10,245	2,710	1,501	928	852
<b>Homeowner</b>						
Land	3,068,710	3,448,058	4,587,953	6,163,343	8,950,125	11,157,056
Improvements	2,753,442	3,024,256	3,353,718	3,808,206	4,976,216	5,950,207
<b>Hotel/Resort</b>						
Land	1,212,092	1,178,686	1,391,638	1,490,422	2,031,211	2,390,669
Improvements	3,424,136	3,739,235	4,522,441	4,835,251	6,632,453	7,548,100
<b>Apartment</b>						
Land	660,144	630,001	677,004	922,833	1,549,767	1,537,338
Improvements	1,677,822	1,895,848	1,847,497	2,441,722	3,237,154	3,938,058
<b>Time Share<sup>1</sup></b>						
Land				107,923	158,543	259,211
Improvements				470,813	749,315	842,443
<b>Commercial</b>						
Land	698,764	675,803	756,533	951,946	1,300,095	1,434,558
Improvements	492,228	509,617	553,713	603,709	664,386	730,997
<b>Industrial</b>						
Land	600,716	539,019	556,447	688,330	766,176	899,609
Improvements	471,526	468,954	483,615	501,882	526,099	596,303
<b>Agricultural</b>						
Land	1,128,381	1,152,951	1,474,200	2,171,437	2,922,435	3,229,315
Improvements	450,050	500,406	548,376	656,311	763,967	809,528
<b>Conservation</b>						
Land	340,554	328,518	306,918	305,110	307,250	314,447
Improvements	30,985	33,323	36,788	38,659	39,007	43,676
<b>TOTAL<sup>2</sup></b>	<b>20,554,842</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>

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

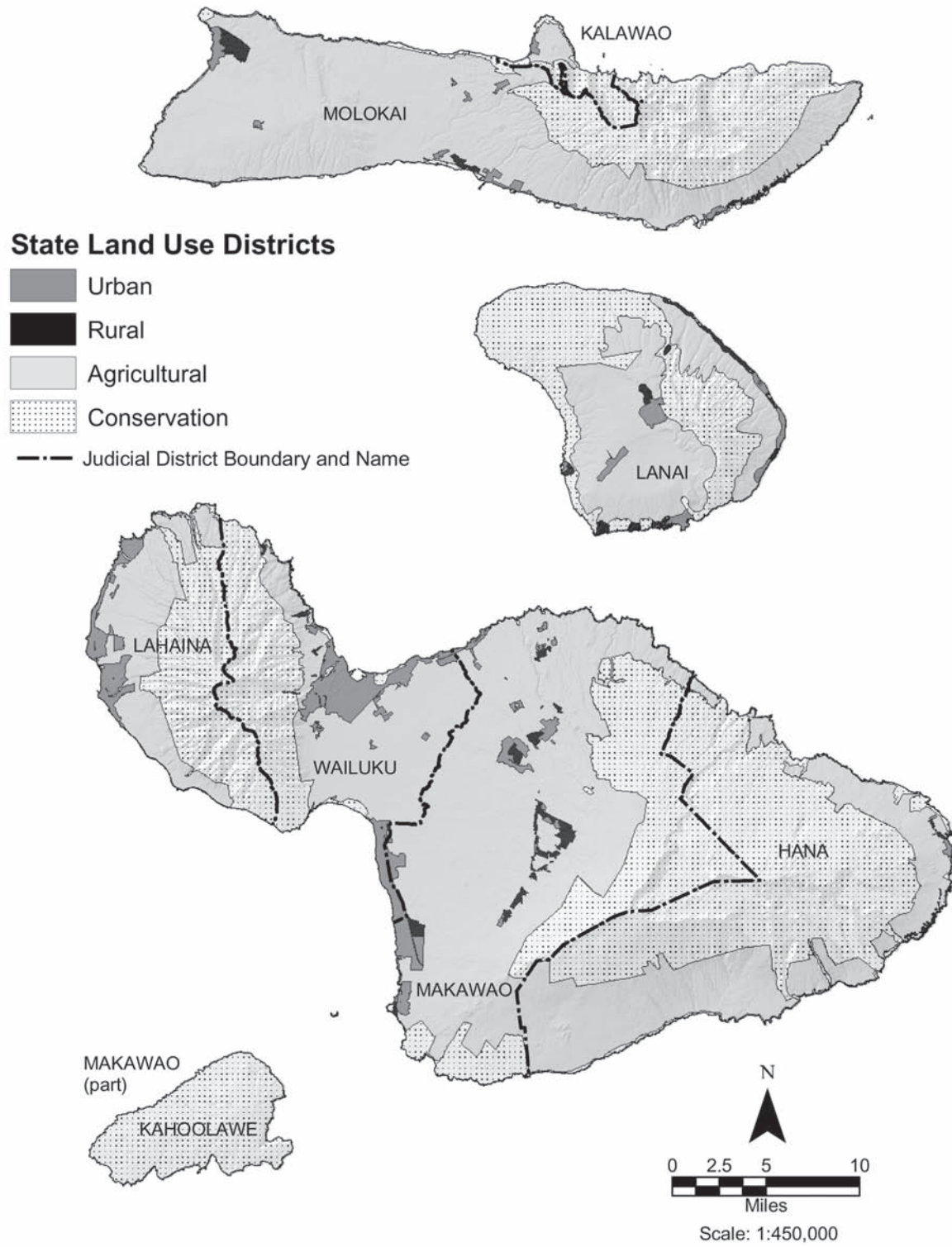
<sup>1</sup> New category as of 2005.

<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.

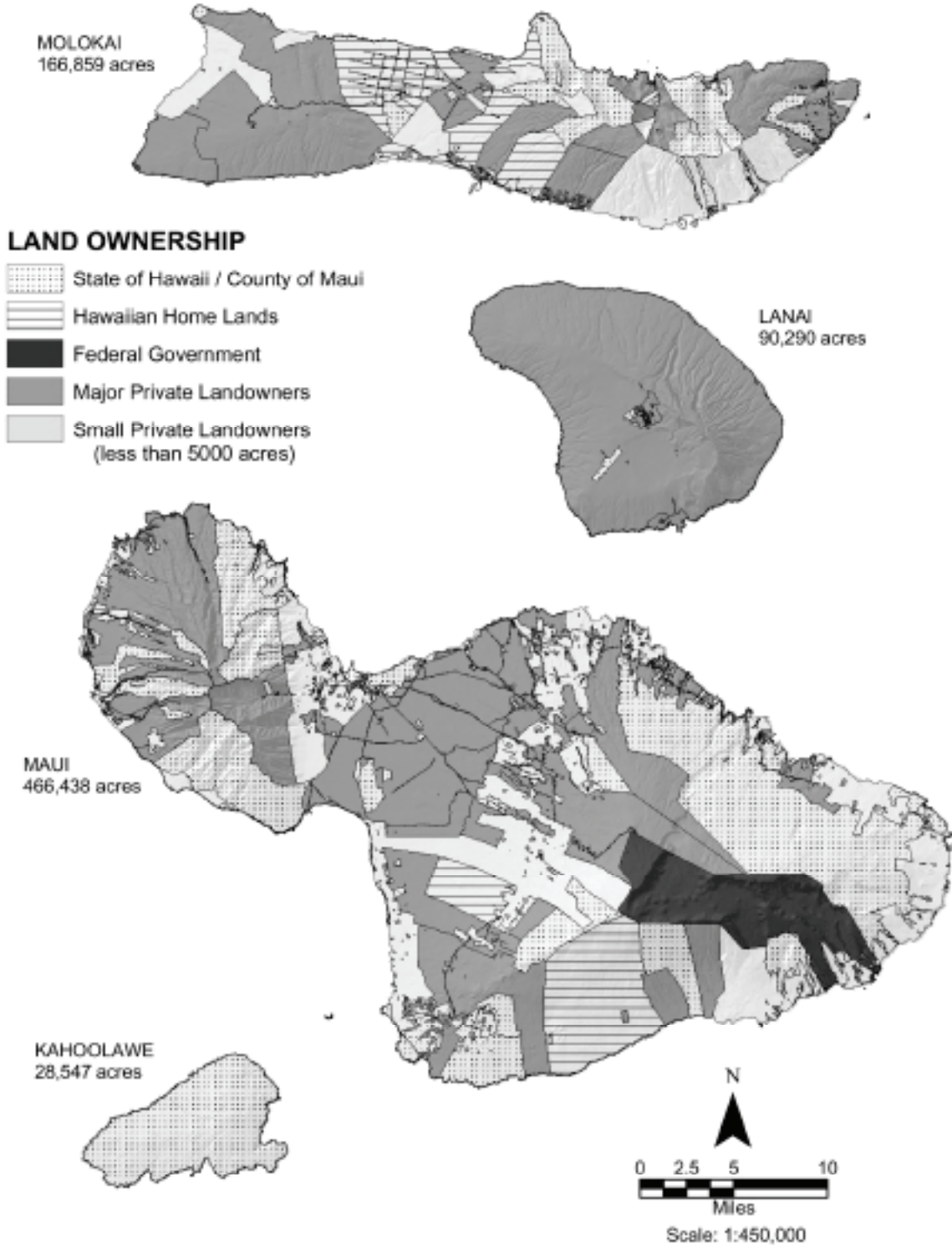
<sup>2</sup> These totals differ somewhat from the official figures based on measurements by the Geography Division of the U.S. Bureau of the Census.

<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 Moloka'i</b>
'Alae Petroglyphs	Kama'ole House Site	'Ahina Heiau
Alena Habitation Site	Kauhihale Complex	FISHPONDS (mostly submerged)
Bank of Hawaii - Ha'ikū Branch	Ka'umi'umiua Heiau	Fishponds (numerous)
Cave of Seven Coffins	Keone'ō'io Archaeological Dist.	Mikiawa Fishpond
CHINESE SOCIETY HALLS:	Kilolani Congregational Church	Weheleau'ulu Fishpond
Wo Hing Society Hall	Kipahulu Historic District	Halemahana Fishpond
Ket Hing	Kipapa Archaeological District	'Ualapu'e Fishpond
Crater Historic Dist. - Haleakalā	Kula Sanitorium	Kalua'aha Fishpond
Frank Baldwin/H.F. Rice Res	Lahaina Historic District (60 Sites)	Mahilika Fishpond
Gomes Residence	Lo'alo'a Heiau	Panahana Fishpond
Ha'ikū Mill	Luala'lua Cave	Ipukaiole Fishpond
Hale Ho'ike'ike	Luala'ilua Heiau	Kainalu Fishpond
Hale Pa'I	Luala'ilua Terrace Complex	Kahinapōhaku Fishpond
Haleki'i-Pihana Heiau	Lufkin Residence	Honouliwai Fishtrap
Hale-o-Lono Heiau	Makawao Union Church	Hökūkano-'Ualapu'e Complex
Hāmoa Complex	Maui Jinsha Mission	Keawanui Fishpond
Hāna Belt Road	Molohai heiau	Kukui Heiau
Hāna Police Station & Courthouse	Naniloa Drive Overpass Bridge	Pu'u'ōlelo Heiau
Hāna Store	Papakea heiau	Kaluakapi'ioho Heiau
Hanamau'uloa Complex	Papakea Petroglyphs	Kahokukano Heiau
Hardy House	Pi'ilanihale Heiau	Pāku'i Heiau
Holy Ghost Catholic Church	SCHOOLS	Kalauonākukui Heiau
Hongwanji Temple	Wailuku School	'Ualapu'e Fishpond
Honokalani Village	Pu'unēnē School	'Ili'ili'ōpae Heiau
Honokowai Petroglyphs	Henry Perrine Baldwin HS	Kalua'aha Church
'Īao Theater	Pā'ia School	Kilohana School
Ka'ahumanu Church	Ke'anae School	St. Joseph Catholic Church
Kahikinui House	Kaupō School	
Kaiapuni Ho'a	Wahene Platform	<b>Island of Lāna'i</b>
Kaimupe'elua Heiau	Wa'iale Bridge	Keāliakapu Complex
Kalepolepo Fishpond	Waihe'e Church	Pu'u Pehe Platform
Kaluakakalioa Cave	Waikapū Stone Church	
Kaluanui Heiau Complex	Wailuku Civic Center	<b>Island of Kaho'olawe</b>
	Wānanalua Cong. Church	Kaho'olawe Archaeological Dist.

SOURCE: Hawai'i 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, 2006	Maui	Moloka'i	Lāna'i	Hawai'i	Kaua'i	O'ahu	State Total
<b>Acreage<sup>1</sup></b>	<b>31,796</b>	<b>25,769</b>	<b>50</b>	<b>117,477</b>	<b>20,565</b>	<b>7,328</b>	<b>202,985</b>
<b>Homestead leases<sup>2</sup></b>	<b>1,222</b>	<b>841</b>	<b>3</b>	<b>2,448</b>	<b>683</b>	<b>3,221</b>	<b>8,418</b>
Residential	1,080	392	3	1,650	634	3,161	6,920
Agricultural	66	422	-	505	47	60	1,100
Pastoral	76	27	-	293	2	-	398
<b>Applicant waiting list<sup>2</sup></b>	<b>7,351</b>	<b>1,759</b>	<b>75</b>	<b>13,143</b>	<b>3,623</b>	<b>11,294</b>	<b>37,245</b>
Residential	3,115	689	75	5,199	1,423	8,569	19,070
Agricultural	3,764	897	-	6,249	1,934	2,725	15,569
Pastoral	472	173	-	1,695	266	-	2,606

<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 2006

Document Number	Permittee or Grantee Name	Location	Acres	Use	Payment
<b>Revocable Permits</b>					
RP7422	Door of Faith Church & Bible School	Makawao	1.240	Access	\$500
<b>General Leases &amp; Term Easements</b>					
GL5798	Frederic & Mary Constant	Makawao	0.024	Seawall	47,000*
GL5810	Melvin & Susan Mendes	Wailuku	0.029	Water	\$480
GL5868	Johanna M. Childhouse	Hāna	0.006	Residential	1650*
GL5869	Mahina Surg	Lahaina	0.018	Encroachment	3,150*
GL5842	Blue Island Property Holdings, LLC	Moloka'i	0.370	Encroachment	156*
<b>Executive Orders - Set Asides</b>					
4148	State of Hawai'i DLNR	Wailuku	1.680	Office Use	
4158	State of Hawai'i DOT	Lahaina	5.615	Highway	
4183	State of Hawai'i DLNR	Hāna	105.300	Park	
4184	State of Hawai'i DLNR	Makawao	165.725	Park	
4186	State of Hawai'i DOT	Lahaina	3.967	Highway	
<b>Perpetual Easements</b>					
LOD28787	Melvin & Susan Mendes	Wailuku	1.101	Pipeline	\$440
LOD28790	William Koa Hodgins <sup>1</sup>	Makawao	3.440	Utility	\$0
LOD28806	Kilohana Waena Corp.	Wailuku	0.290	Utility	\$40,000
LOD28836	Harold & Anne Sexton	Hāna	0.030	Utility	\$1,600
LOD28839	Brian Buke <sup>1</sup>	Makawao	0.019	Utility	\$0

\* One-time Payment

<sup>1</sup>. 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	
	2006 Sales	% Chg Last Yr	2006 Average	% Chg Last Yr	2006 Median	% Chg Last Yr	2006 Volume	% Chg Last Yr
<b>SINGLE FAMILY HOMES</b>								
Central	369	-8%	\$589,409	1%	\$596,866	10%	\$217,492,033	-7%
Ha'ikū	68	-28%	\$1,081,600	10%	\$892,500	6%	\$73,548,790	-21%
Hāna	6	20%	\$1,044,167	3%	\$1,167,500	159%	\$6,265,000	24%
Kā'anapali	16	-45%	\$2,306,375	22%	\$2,222,500	20%	\$36,902,000	-33%
Kahakuloa	0	-100%	\$0	100%	\$0	-100%	\$0	-100%
Kapalua	4	-69%	\$3,725,000	-19%	\$3,700,000	16%	\$14,900,000	-75%
Ke'anae	1	0%	\$234,000	-45%	\$234,000	-45%	\$234,000	-45%
Kihei	193	-9%	\$886,603	1%	\$729,000	2%	\$171,114,330	-8%
Kīpahulu	0	-100%	\$0	100%	\$0	-100%	\$0	-100%
Kula/Ulupalakua/Kanaio	82	-23%	\$1,046,162	22%	\$820,000	10%	\$85,785,274	-5%
Lahaina	58	0%	\$1,309,674	21%	\$962,500	10%	\$75,961,074	21%
Lāna'i	14	-22%	\$398,000	-39%	\$405,000	6%	\$5,572,000	-52%
Makawao/Olinda/Hali'imaile	56	-47%	\$750,025	17%	\$647,500	15%	\$42,001,383	-38%
Maui Meadows	20	-44%	\$1,516,500	14%	\$1,100,000	-13%	\$30,330,000	-37%
Moloka'i	12	71%	\$811,208	-49%	\$477,500	-55%	\$9,734,500	-13%
Nāhiku	2	0%	\$975,000	110%	\$975,000	110%	\$1,950,000	110%
Nāpili/Kahana/Honokōwai	38	-44%	\$1,123,842	6%	\$995,000	8%	\$42,706,000	-41%
Pukalani	60	-17%	\$707,330	4%	\$697,500	6%	\$42,439,800	-13%
Sprecklesville/Pā'ia/Ku'au	28	-28%	\$803,815	-19%	\$621,500	-5%	\$22,506,826	-42%
Wailea/Mākena	61	45%	\$2,374,375	-20%	\$1,580,000	-20%	\$144,836,851	17%
<b>Maui Summary:</b>	<b>1,088</b>	<b>-17%</b>	<b>\$941,434</b>	<b>2%</b>	<b>\$693,000</b>	<b>2%</b>	<b>\$1,024,279,861</b>	<b>-16%</b>
<b>CONDOMINIUMS</b>								
Central	147	-44%	\$295,433	20%	\$290,475	14%	\$43,428,645	-33%
Ha'ikū	3	200%	\$352,667	-36%	\$213,000	-61%	\$1,058,000	92%
Hāna	3	-50%	\$317,900	1%	\$312,200	14%	\$953,700	-49%
Kā'anapali	73	-40%	\$1,437,281	53%	\$1,300,000	61%	\$104,921,500	-8%
Kapalua	29	-40%	\$1,653,345	48%	\$1,100,000	25%	\$47,946,999	-10%
Kihei	396	-51%	\$447,626	16%	\$395,000	11%	\$177,259,764	-44%
Kula/Ulupalakua/Kanaio	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Lahaina	82	49%	\$610,799	5%	\$536,000	59%	\$50,085,500	57%
Lāna'i	3	-63%	\$2,553,267	49%	\$2,384,800	62%	\$7,659,800	-44%
Mā'alaea	38	-57%	\$621,711	28%	\$650,000	41%	\$23,625,000	-45%
Makawao/Olinda/Hali'imaile	1	N/A	\$324,000	N/A	\$324,000	N/A	\$324,000	N/A
Moloka'i	9	-10%	\$1,265,000	425%	\$340,000	46%	\$11,385,000	372%
Nāpili/Kahana/Honokōwai	250	-45%	\$583,114	28%	\$534,500	24%	\$145,778,615	-30%
Pukalani	2	0%	\$627,500	76%	\$627,500	76%	\$1,255,000	76%
Sprecklesville/Pā'ia/Ku'au	3	50%	\$1,420,833	366%	\$1,862,500	511%	\$4,262,500	599%
Wailea/Mākena	171	-1%	\$1,845,885	13%	\$1,400,500	27%	\$315,646,271	13%
<b>Maui Summary:</b>	<b>1,210</b>	<b>-41%</b>	<b>\$773,215</b>	<b>40%</b>	<b>\$505,000</b>	<b>31%</b>	<b>\$935,590,294</b>	<b>-17%</b>

N/A: Not applicable.

SOURCE: Maui Board of Realtors, *MLS Resale Data, December 2006.*

3.2.10

**LAND SALES BY AREA, MAUI COUNTY**

Area	Number of Sales		Average Sales Price		Median Sales Price		Total Dollar Volume	
	2006 Sales	% Chg Last Yr	2006 Average	% Chg Last Yr	2006 Median	% Chg Last Yr	2006 Volume	% Chg Last Yr
<b>LAND SALES</b>								
Central	50	-63%	\$549,210	29%	\$420,000	10%	\$27,460,487	-0.52
Ha'ikū	19	-41%	\$712,572	-14%	\$585,000	-2%	\$13,538,870	-49%
Hāna	4	-20%	\$708,750	86%	\$670,000	68%	\$2,835,000	49%
Kā'anapali	44	100%	\$837,786	-8%	\$795,000	1%	\$36,862,600	84%
Kahakuloa	4	100%	\$630,000	6%	\$610,000	3%	\$2,520,000	112%
Kapalua	13	-43%	\$2,054,154	9%	\$1,700,000	0%	\$26,704,000	-38%
Kaupō	2	N/A	\$1,582,500	N/A	\$1,582,500	N/A	\$3,165,000	N/A
Ke'anae	2	100%	\$199,500	-78%	\$199,500	-78%	\$399,000	-56%
Kipahulu	14	-55%	\$1,370,064	103%	\$632,500	69%	\$19,180,900	-8%
Kihei	1	N/A	\$1,550,000	N/A	\$1,550,000	N/A	\$1,550,000	N/A
Kula/Ulupalakua/Kanaio	24	-53%	\$2,564,750	250%	\$818,000	91%	\$61,554,000	65%
Lahaina	21	-28%	\$1,036,481	2%	\$975,000	41%	\$21,766,107	-26%
Lāna'i	1	-50%	\$660,000	-31%	\$660,000	-31%	\$660,000	-65%
Makawao/Olinda/Hali'imaile	6	20%	\$581,917	-3%	\$532,500	66%	\$3,491,500	17%
Maui Meadows	4	300%	\$1,001,250	32%	\$815,000	8%	\$4,005,000	428%
Moloka'i	21	0%	\$372,193	-31%	\$301,550	-27%	\$7,816,050	-31%
Nāhiku	2	-33%	\$1,310,000	5%	\$1,310,000	-13%	\$2,620,000	-30%
Nāpili/Kahana/Honokōwai	2	-88%	\$573,500	-44%	\$573,500	10%	\$1,147,000	-93%
Olowalu	4	100%	\$1,218,000	-37%	\$1,245,000	-36%	\$4,872,000	26%
Pukalani	3	-73%	\$386,667	-27%	\$335,000	-21%	\$1,160,000	-80%
Sprecklesville/Pa'ia/Ku'au	1	-75%	\$600,000	3%	\$600,000	-13%	\$600,000	-74%
Wailea/Mākena	13	-59%	\$1,743,923	-29%	\$1,250,000	-24%	\$22,671,000	-71%
<b>Maui Summary:</b>	<b>255</b>	<b>-40%</b>	<b>\$1,045,406</b>	<b>22%</b>	<b>\$688,066</b>	<b>27%</b>	<b>\$266,578,514</b>	<b>-27%</b>

N/A: Not applicable.

Source: Maui Board of Realtors, *MLS Resale Data, December 2005*.

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
Ni'ihau	-	-	-	-

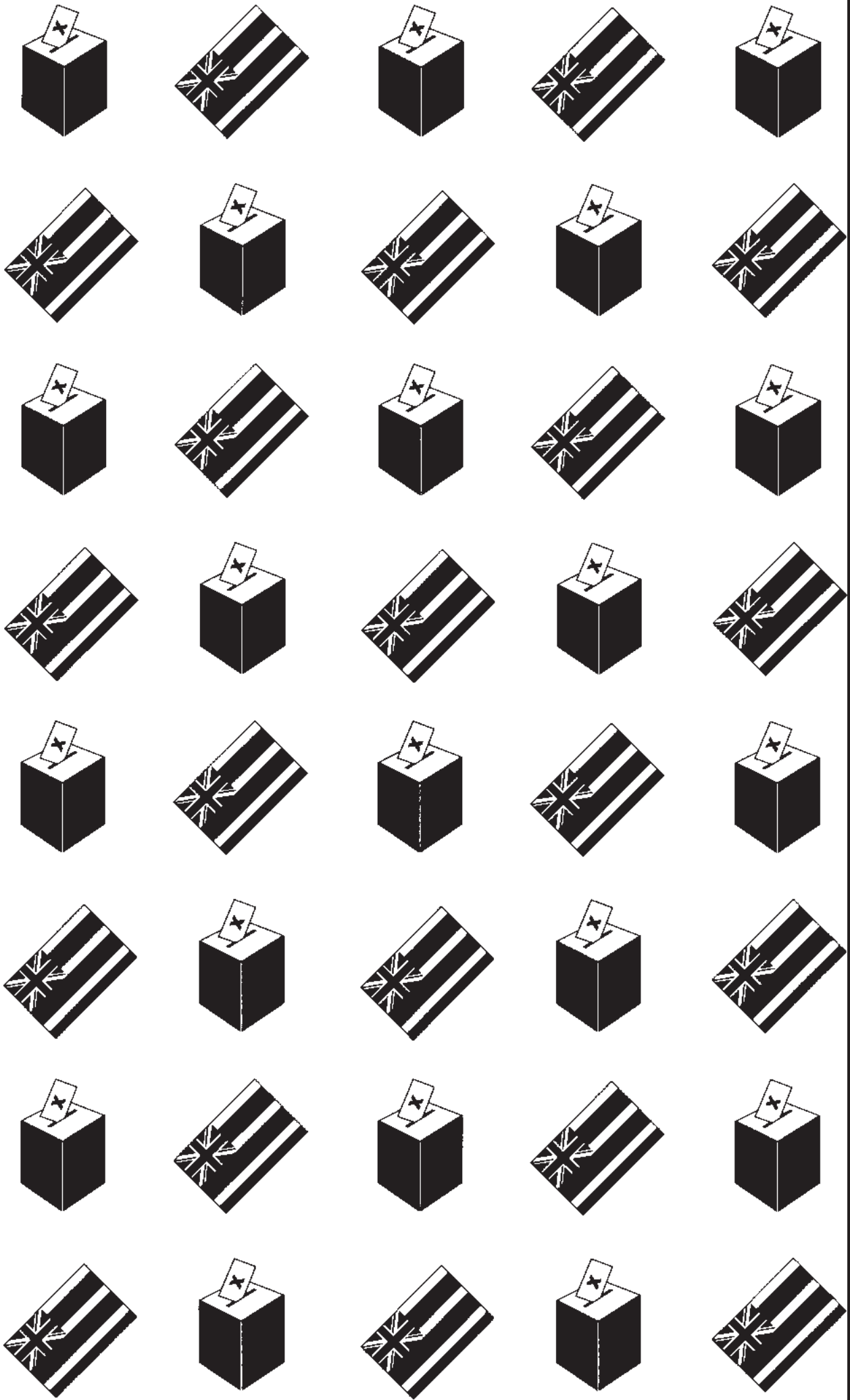
Note: data have remain constant since 1996.

<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, Kaua'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.

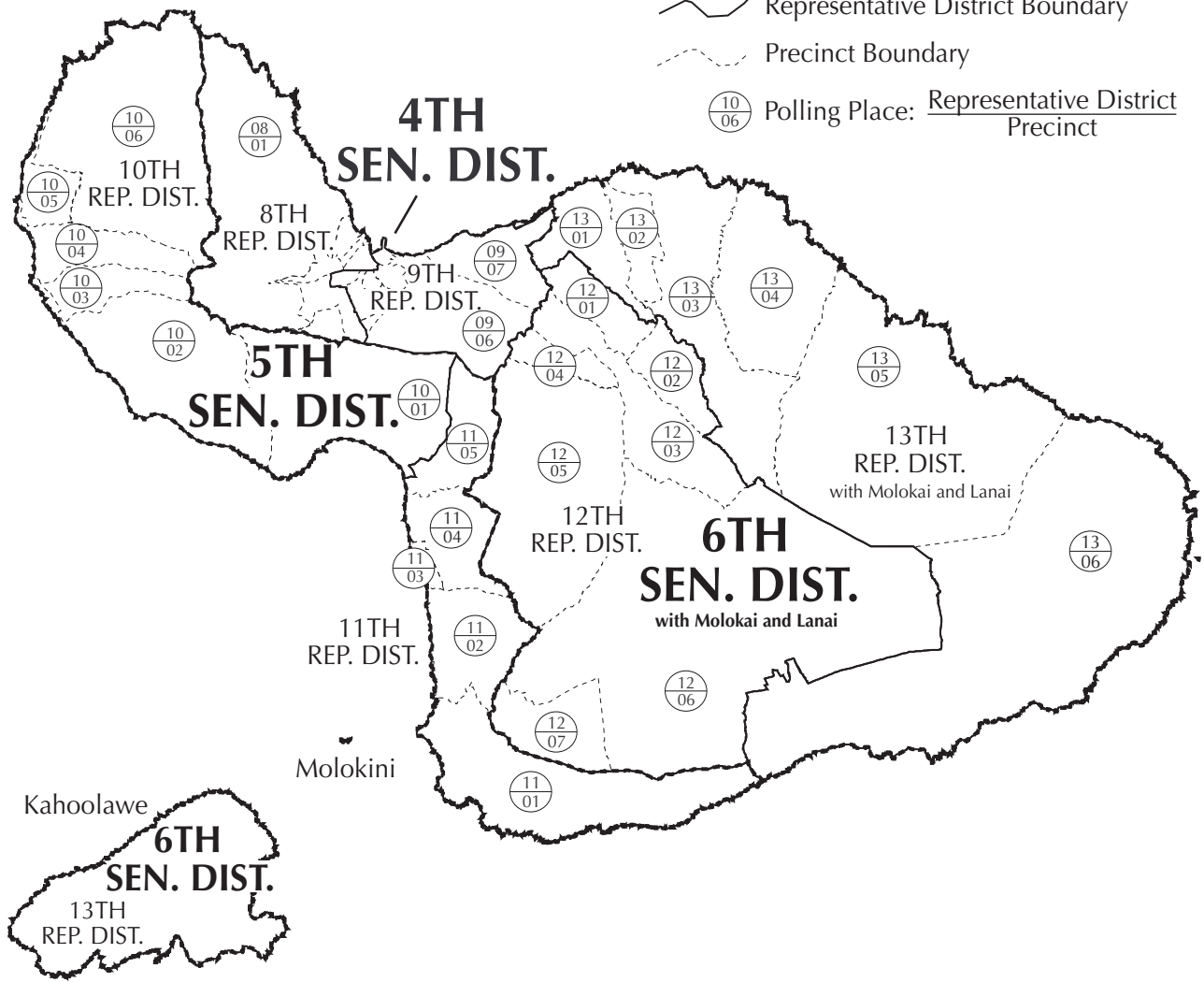


# MAPS OF ELECTION DISTRICTS

*Islands of Maui and Kaho'olawe*

## LEGEND

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




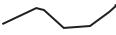
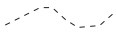

SOURCE: County of Maui, Geographic Information Systems, September 2002.

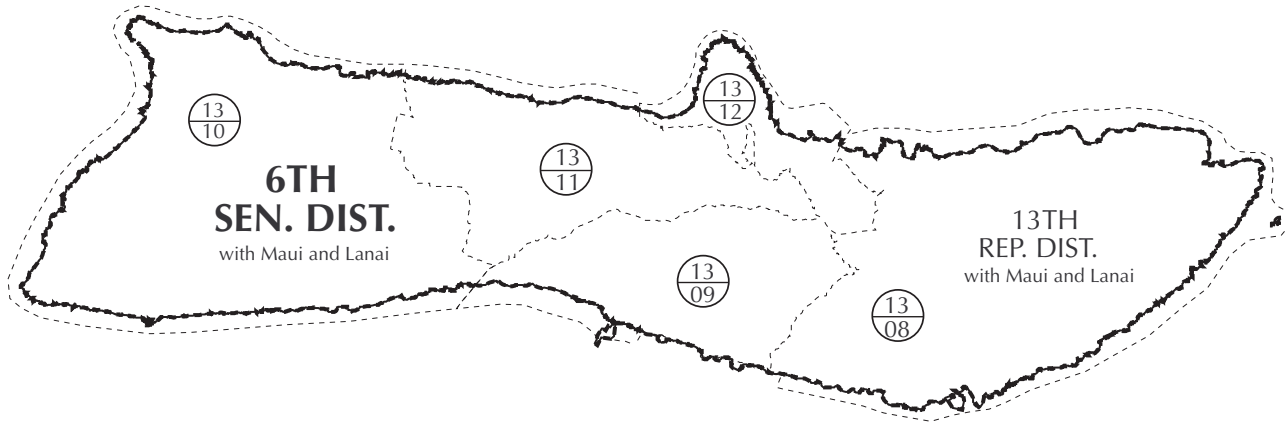
4.1.2

MAPS OF ELECTION DISTRICTS

*Island of Moloka'i*

LEGEND

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




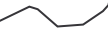


SOURCE: County of Maui, Geographic Information Systems, September 2002.

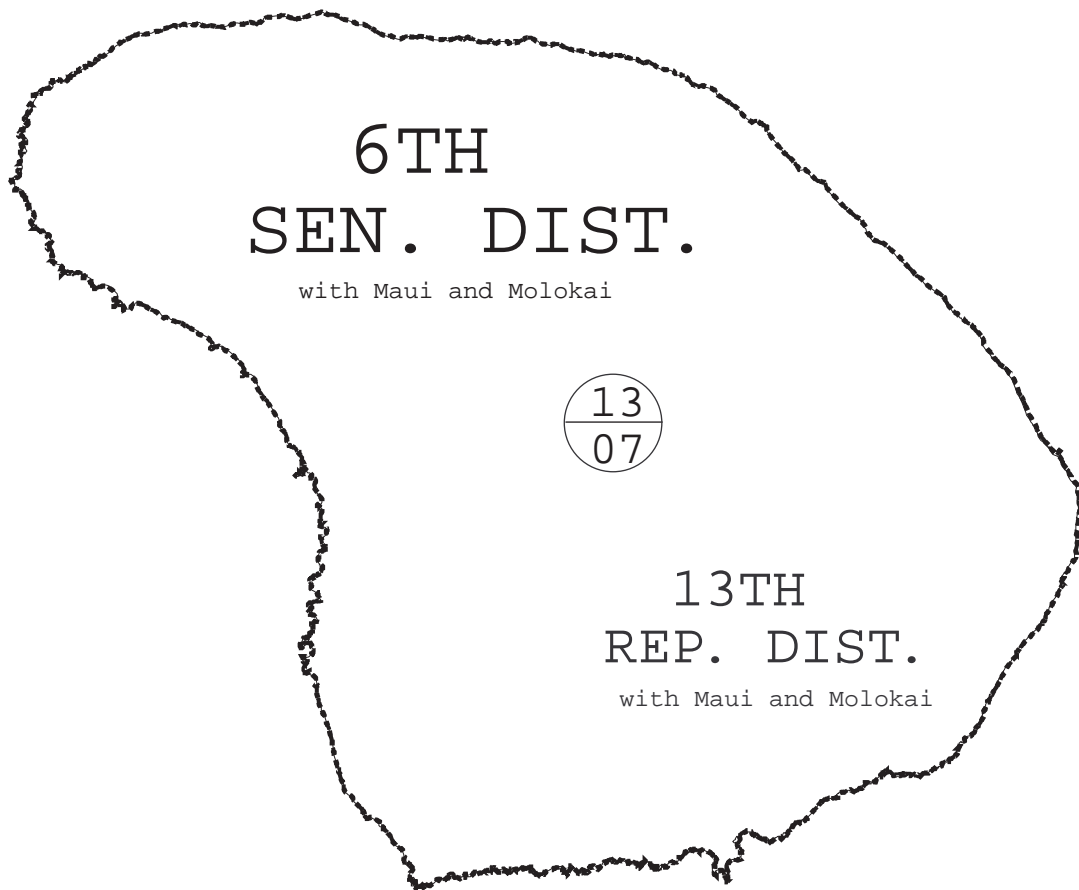
4.1.3

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, Mā'alaea, 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. Keawala'i Congregational Church
2. Kamali'i Elementary School
3. Kihei Community Center
4. Kihei Elementary School
5. Trinity Episcopal Church by the Sea

#### **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, 2006 Polling Places.

4.2.1

**REGISTERED VOTERS AND VOTES CAST IN THE NOVEMBER 7, 2006  
GENERAL ELECTION**

District	Precinct Name	Registered Voters		Votes Cast		Turnout	District	Precinct Name	Registered Voters		Votes Cast		Turnout
		Voters	Cast	Voters	Cast				Voters	Cast			
8-1	Waihe'e Elementary School	1,492	503	33.7%	11-1	Keawala'i Congregational Church	88	34	38.6%				
8-2	Velma McWayne Santos Comm Ctr.	3,399	1,025	30.2%	11-2	Kamali'i Elementary School	4,084	1,299	31.8%				
8-3	Baldwin High School	1,650	472	28.6%	11-3	Kihei Community Center	3,481	984	28.3%				
8-4	Paukūkalo Hwn Homes Comm Ctr.	1,775	410	23.1%	11-4	Kihei Elementary School	3,444	919	26.7%				
8-5	Wailuku Elementary School	2,462	816	33.1%	11-5	Trinity Episcopal Church by the Sea	2,973	829	27.9%				
8-6	Waikapū Community Ctr.	791	318	40.2%		Absentee Voters <sup>1</sup>		1,394	9.9%				
8-7	Maui Economic Opportunity Ctr.	1,028	273	26.6%									
	Absentee Voters <sup>1</sup>		3,017	24.0%	12-1	Kalama Intermediate School	2,911	984	33.8%				
9-1	'Īao School	1,118	352	31.5%	12-2	Eddie Tam Memorial Center	2,045	737	36.0%				
9-2	Maui Waena Intermediate School	2,857	957	33.5%	12-3	Pukalani Elementary School	2,912	1,077	37.0%				
9-3	Lihikai Elementary School	2,339	769	32.9%	12-4	Hannibal Tavares Community Center	3,196	1,195	37.4%				
9-4	Maui High School	2,306	628	27.2%	12-5	Kula Community Center	1,520	598	39.3%				
9-5	Kahului Elementary School	2,352	855	36.4%	12-6	Kula Elementary School	2,481	974	39.3%				
9-6	Kahului Hongwanji Mission	210	73	34.8%	12-7	'Ulupalakua Ranch	156	65	41.7%				
9-7	Kaunoa Senior Center	1,022	335	32.8%		Absentee Voters <sup>1</sup>		2,786	18.3%				
	Absentee Voters <sup>1</sup>		2,646	21.7%	13-1	Pā'ia Community Center	979	374	38.2%				
10-1	Kenolio Recreation Center	1,358	332	24.4%	13-2	Ha'ikū Elementary School	2,393	839	35.1%				
10-2	King Kamehameha III Elem School	2,093	573	27.4%	13-3	Ha'ikū Community Center	2,872	1,012	35.2%				
10-3	Lahaina Intermediate School	2,098	658	31.4%	13-4	Kaulanapueo Church	564	199	35.3%				
10-4	Princess Nahi'ena'ena Elem School	1,524	380	24.9%	13-5	Ke'anae Elementary School	212	64	30.2%				
10-5	Lahaina Civic Center	3,046	695	22.8%	13-6	Hāna High and Elementary School	1,173	395	33.7%				
10-6	Honolua Methodist Church	2,428	782	32.2%	13-7	Lāna'i High and Elementary School	1,641	659	40.2%				
	Absentee Voters <sup>1</sup>		1,400	11.2%	13-8	Kilohana Community Center	590	196	33.2%				
					13-9	Kauanakaka'i School	2,073	585	28.2%				
					13-10	Maunaloa Elementary School	349	114	32.7%				
					13-11	Kualapu'u Community Center	1,097	375	34.2%				
					13-12	Kalaupapa Settlement <sup>2</sup>	56	0	0.0%				
						Absentee Voters <sup>1</sup>		2,024	34.2%				

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

SOURCE: Hawaii State Office of Elections, Records

## 4.2.2

## MAUI COUNTY GENERAL ELECTION RESULTS, NOVEMBER 7, 2006

<b>U.S. Senator</b>			<b>Mayor</b>		
(D) AKAKA, Daniel K.	25,915	66.50%	TAVARES, Charmaine	19,964	51.30%
(R) THIELEN, Cynthia	11,369	29.20%	ARAKAWA, Alan M.	18,213	46.80%
(L) MALLAN, Lloyd Jeffrey	931	2.40%	Blank Votes:	750	1.90%
Blank Votes:	754	1.90%	Over Votes:	22	0.10%
Over Votes:	9	0.00%	<b>Councilmember, East Maui</b>		
<b>U.S. Representative, Dist 2</b>			MEDEIROS, Bill (Kauaeka)		
(D) HIRONO, Mazie K.	25,944	66.60%	KALALAU, Sam	15,260	39.20%
(R) HOGUE, Bob	12,184	31.30%	Blank Votes:	6,922	17.80%
Blank Votes:	845	2.20%	Over Votes:	4	0.00%
Over Votes:	5	0.00%	<b>Councilmember, West Maui</b>		
<b>Governor and Lieutenant Governor</b>			JOHNSON, Jo Anne		
(R) LINGLE/AIONA	21,772	55.90%	ROCKETT, Deidre	6,823	17.50%
(D) IWASE/SOLOMON	15,929	40.90%	Blank Votes:	7,365	18.90%
(G) BREWER/ING	585	1.50%	Over Votes:	7	0.00%
(L) DANIEL/ZHAO	241	0.60%	<b>Councilmember, Wailuku Waihe'e Waikapū</b>		
Blank Votes:	407	1.00%	VICTORINO, Mike	27,270	70.00%
Over Votes:	44	0.10%	CABEBE, Rogelio Sr. (Rudy)	6,011	15.40%
<b>State Representative, Dist 8</b>			Blank Votes:		
(D) SOUKI, Joe	4,335	63.40%	Over Votes:	7	0.00%
(R) CERIZO, Tom	2,190	32.00%	<b>Councilmember, Kahului</b>		
Blank Votes:	308	4.50%	PONTANILLA, Joe	17,700	45.40%
Over Votes:	1	0.00%	COLLINS, Lance D.	16,248	41.70%
<b>State Representative, Dist 9</b>			Blank Votes:		
(D) NAKASONE, Bob	5,150	77.90%	Over Votes:	14	0.00%
(R) KAHULA, Henry P., Jr.	1,106	16.70%	<b>Councilmember, South Maui</b>		
Blank Votes:	358	5.40%	ANDERSON, Michelle	24,201	62.10%
Over Votes:	1	0.00%	Blank Votes:	14,748	37.90%
<b>State Representative, Dist 10</b>			Over Votes:		
(D) MCKELVEY, Angus	2,621	54.40%	<b>Councilmember, Makawao Ha'ikū Pā'ia</b>		
(R) AZMAN, Ben	2,071	43.00%	MOLINA, Mike	23,723	60.90%
Blank Votes:	126	2.60%	BORGE, Pat	9,604	24.70%
Over Votes:	0	0.00%	Blank Votes:	5,614	0.00%
<b>State Representative, Dist 11</b>			Over Votes:		
(D) BERTRAM, Joe III	3,090	56.60%	<b>Councilmember, Upcountry</b>		
(R) FISHER, Tony	2,044	37.40%	BAISA, Gladys Coelho	26,000	66.80%
Blank Votes:	325	6.00%	FASI, Paul F.	6,288	16.10%
Over Votes:	0	0.00%	Blank Votes:	6,658	17.10%
<b>State Representative, Dist 12</b>			Over Votes:		
(D) YAMASHITA, Kyle T.	6,681	79.40%	<b>Councilmember, Lāna'i</b>		
(R) GOODIN, Wesley	1,411	16.80%	HOKAMA, Riki	25,819	66.30%
Blank Votes:	322	3.80%	Blank Votes:	13,130	33.70%
Over Votes:	2	0.00%	Over Votes:	0	0.00%
<b>State Representative, Dist 13</b>			<b>Councilmember, Moloka'i</b>		
(D) CARROLL, Mele	4,717	69.00%	MATEO, Danny A.	26,665	68.50%
(R) DAVIS, Ron	1,845	27.00%	Blank Votes:	12,284	31.50%
Blank Votes:	273	4.00%	Over Votes:	0	0.00%
Over Votes:	1	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 7, 2006

#### Office of Hawaiian Affairs

##### At Large Trustee

WAIHE'E, John IV.	12,711	10.90%
AKANA, Rowena M. Noelani	12,232	10.50%
KANAHELE, Dennis (Bumpy)	9,609	8.20%
BOYD, Manu	8,855	7.60%
STENDER, Oswald K. (Oz)	5,949	5.10%
ANDERSON, Whitney T.	4,654	4.00%
KALIMA, Leona Mapuana	4,576	3.90%
DANNER, Robin Puanani	2,831	2.40%
LYMAN, Melissa M. Guerreiro	2,747	2.30%
MEYERS, Willy (Kealakahi)	2,104	1.80%
BEIRNE, D. Ululani	1,844	1.60%
BENHAM, Roy L. (Ilikea)	1,769	1.50%
HARBOTTLE, Newton D.	1,231	1.10%
YOUNGQUIST, Arvid Tadao	1,177	1.00%
Blank Votes:	44,558	38.10%
Over Votes:	29	10.00%

##### Maui Resident Trustee

MOSSMAN, Boyd Poki	20,265	52.00%
FEITEIRA, Blossom	10,823	27.80%
Blank Votes:	7,883	20.20%
Over Votes:	7	0.00%

##### Oahu Resident Trustee

CARPENTER, Dante Keala	5,935	15.20%
HEEN, Walter Meheula	5,057	13.00%
NA'AUAO, S. Kau'i	3,799	9.70%
BURKE, Jackie Kahookole	3,622	9.30%
REYNOLDS, M. Kapiolani	1,535	3.90%
HEW LEN, D. Kehaulani	1,356	3.50%
KAWELO, Frankie Kay	1,191	3.10%
Blank Votes:	16,437	42.20%
Over Votes:	46	0.10%

#### State of Hawaii Constitutional Amendments

##### Board of Regents

YES	22,682	58.20%
NO	12,282	31.50%
Blank Votes:	3,992	10.20%
Over Votes:	22	0.10%

##### Sexual Assault Against Minors

YES	25,543	65.50%
NO	8,261	21.20%
Blank Votes:	5,151	13.20%
Over Votes:	23	0.10%

##### Salary Commission

YES	21,654	55.60%
NO	12,791	32.80%
Blank Votes:	4,520	11.60%
Over Votes:	13	0.00%

##### Agricultural Enterprise Revenue Bonds

YES	22,229	57.00%
NO	11,637	29.90%
Blank Votes:	5,102	13.10%
Over Votes:	10	0.00%

##### Justices and Judges Retirement Age

YES	15,545	39.90%
NO	20,130	51.60%
Blank Votes:	3,240	8.30%
Over Votes:	63	0.2

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

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

#### 4.2.4

### MAUI COUNTY GENERAL ELECTION RESULTS, MAUI COUNTY CHARTER AMENDMENTS, NOVEMBER 7, 2006

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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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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*

	2002	2003	2004	2005	2006
<b>Revenues:</b>					
Real Property Taxes	95,585	105,106	116,759	132,096	162,221
Other Taxes	18,502	18,386	23,521	23,924	26,431
Intergovernmental Revenues	42,941	44,968	47,776	53,513	54,268
Charges for Services	28,733	28,335	34,810	36,265	39,221
Licenses and Permits	8,603	10,891	15,000	16,444	17,611
Revenues from Use of Money and Property	2,849	2,064	1,540	2,490	5,586
Fines and Forfeitures	970	1,188	1,096	1,242	1,463
Assessments <sup>1</sup>	2,272	2,038	1,795	3,031	7,123
Other Sources	2,109	2,624	2,747	3,499	4,598
Subtotal	202,564	215,600	244,625	272,504	318,522
<b>Other Sources:<sup>2</sup></b>					
Bond/Loan Proceeds	26,439	19,673	2,270	22,481	546
<b>TOTAL Revenues + Other Sources</b>	<b>229,002</b>	<b>235,273</b>	<b>246,895</b>	<b>294,985</b>	<b>319,068</b>
<b>Expenditures:</b>					
Management and Other	47,694	50,737	52,937	57,848	67,352
Public Safety	42,085	46,153	48,873	53,125	55,799
Sanitation	20,981	22,706	22,834	23,835	28,670
Highway and Streets	10,821	10,958	14,896	19,444	21,341
Social Welfare	27,383	31,811	30,643	29,877	30,454
Culture and Recreation	17,220	18,629	18,725	20,359	20,452
Legislative	3,328	3,953	3,681	4,022	4,114
Capital Outlay	30,655	38,745	35,058	21,511	30,594
Debt Service: Principal	12,969	13,594	15,014	16,443	17,059
Interest	9,817	10,997	10,047	9,759	10,307
Refunding Bond Issuance Cost					
<b>TOTAL Expenditures</b>	<b>222,953</b>	<b>248,282</b>	<b>252,708</b>	<b>256,223</b>	<b>286,142</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) 2002-2006.

### 4.3.2

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

Source of Revenue	2002	2003	2004	2005	2006
Banks/Financial Corporations	30,144	62,487	37,767	66,505	125,106
Employment Security Contributions	1,333	2,711	3,227	911	0
Fuel	6,684,901	6,644,247	8,105,438	8,821,186	9,668,894
General Excise License/Fees	81,254	95,980	101,557	22,010	0
General Excise and Use Tax <sup>1</sup>	133,864,675	143,345,491	162,539,134	161,063,276	169,972,118
Income, Corporate					
Declaration of Estimated Taxes	5,719,001	3,935,144	10,106,319	2,167,891	1,854,225
Payment with Returns	337,254	(1,558,163)	(7,708,750)	225,697	729,153
Refunds	(2,671,821)	(1,817,825)	(1,426,186)	(725,630)	(386,145)
Income, Individual					
Declaration of Estimated Taxes	25,098,625	28,425,643	46,212,429	28,014,837	35,000,991
Payment with Returns	8,318,967	(1,739,533)	(12,063,961)	12,173,847	20,332,177
Withholding Tax on Wages	52,231,756	53,995,192	58,748,008	66,109,939	68,078,261
Refunds	(32,311,148)	(29,731,274)	(32,671,127)	(32,536,551)	(30,830,107)
Liquor and Permits	6,057,897	6,029,511	6,059,841	6,109,155	6,677,427
Motor Vehicle Tax/Fees <sup>2</sup>	5,889,412	7,543,734	7,623,434	8,210,513	9,044,748
Public Service Company	9,077,684	8,907,179	7,905,738	9,652,124	11,191,010
Tobacco and Licenses	2,123,163	2,074,130	5,301,109	7,623,922	8,138,046
Transient Accommodation Fees and Time Share Occupancy Fees <sup>3</sup>	3,380	3,000	3,560	855	0
Transient Accommodation Tax and Time Share Occupancy Tax <sup>3</sup>	22,608,181	27,536,083	32,803,470	30,489,460	30,139,129
All Others	140	55	143	5	0
<b>TOTAL</b>	<b>243,144,798</b>	<b>253,753,793</b>	<b>291,681,149</b>	<b>307,489,949</b>	<b>339,735,033</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), 2002-2006.

### 4.3.3

## ESTIMATED REAL PROPERTY TAX REVENUE, MAUI COUNTY

*In thousands of dollars*

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Assessor's gross valuation as of 4/19/2007	\$43,076,944
Land	23,901,272
Improvement	19,175,672
Exemptions <sup>1</sup>	7,589,067
Assessor's net taxable valuation	35,487,877
Half of valuation on appeal	364,329
Number of appeals	1,535
Valuation for tax rate purposes	35,123,548
Land	20,287,544
Improvement	14,836,004
Amount to be Raised by Taxation <sup>2</sup>	\$195,113

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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 2007-2008
<b>LAND</b>	
Homeowner	2.50
Improved Residential	5.00
Unimproved Residential	5.86
Apartment	5.00
Hotel/resort	8.20
Time Share <sup>1</sup>	14.00
Commercial	6.00
Industrial	6.50
Agricultural	4.50
Conservation	4.75
<b>IMPROVEMENT</b>	
Homeowner	2.50
Improved Residential	5.00
Unimproved Residential	5.86
Apartment	5.00
Hotel and Resort	8.20
Time Share <sup>1</sup>	14.00
Commercial	6.00
Industrial	6.50
Agricultural	4.50
Conservation	4.75

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<sup>1</sup> New Category as of FY 2005-2006.

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

### 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

Fiscal Year Department	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
Civil Defense	4.0	4.0	7.0	7.0	7.0	9.0	12.0
Corporation Counsel	22.0	22.0	22.0	22.3	24.3	26.8	29.8
Environmental Management							
General (incl. Revolving Fund) ***							9.0
EM - Waste Water ( Sewer) ***	104.0	105.0	106.3	107.3	107.3	107.3	113.3
EM - Solid Waste ***	71.0	72.0	69.0	70.0	77.0	86.0	100.8
Finance	108.8	110.8	111.8	122.8	132.8	138.8	144.8
Fire & Public Safety	243.0	284.0	284.0	286.0	290.0	294.0	316.0
Housing and Human Concerns	96.6	115.6	112.9	126.1	127.1	129.6	113.6
Liquor Control	23.5	21.0	23.0	23.0	23.0	23.0	23.0
Management	20.0	24.0	23.0	31.0	35.0	43.0	43.0
Parks and Recreation - General	379.9	384.8	383.8	390.8	390.8	405.3	442.5
Parks and Recreation - Golf	20.8	20.8	20.8	20.8	20.8	21.8	22.3
Personnel Services	12.0	12.0	12.0	14.0	16.0	18.0	18.0
Planning	35.0	38.0	43.0	54.0	57.0	62.0	68.9
Police	466.7	480.9	481.9	485.9	494.9	508.9	528.4
Prosecuting Attorney	69.8	69.4	68.4	69.4	73.4	74.9	76.9
Public Works - General)	88.6	93.6	89.6	92.6	95.6	100.2	101.2
PW - Highways	151.0	155.0	155.0	155.0	159.0	165.0	170.0
Department of Transportation*			3.0	3.0	6.0	7.0	5.0
Department of Water Supply**		198.4	196.6	202.2	211.2	211.2	219.2
<b>TOTAL</b>	<b>1,916.7</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>2,557.7</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 2001-2008.

#### 4.4.2

### TOP 20 COUNTY POSITIONS RECRUITED IN FY 2005-06, MAUI COUNTY

Rank	Position	Number of Applicants	Number Qualified
1	Police Officer I	538	195
2	Police Radio Dispatcher I	126	55
3	Clerk III	57	6
4	Clerk II	56	6
4	Landfill Attendant	56	37
6	Administrative Assistant I	54	6
7	Clerk-Typist III	47	3
8	Administrative Assistant II	44	7
9	Clerk-Typist II	43	3
10	Liquor Control Officer Trainee	40	8
11	Abandoned Vehicle Coordinator	36	2
11	DMVL Service Representative I	36	4
13	Pool Guard	33	11
13	Park Security Officer I	33	5
15	DMVL Service Representative II (Hāna)	32	7
16	Police Lieutenant	31	15
17	Land Use Permit Clerk	25	9
17	Assistant Wastewater Treatment Plant Operator	25	2
17	Planner III	25	2
20	Computer Systems Support Technician III	23	2

SOURCE: County of Maui, Department of Personnel Services, Annual Report 2005-2006.

#### 4.5.1

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

Taxation District	All Residents			Joint			All Others**		
	2004	2003	2002	2004	2003	2002	2004	2003	2002
<b>All Resident Returns*</b>									
O'ahu	\$24,793	\$23,820	\$23,145	\$52,627	\$49,289	\$47,845	\$16,895	\$16,340	\$15,761
Maui	26,298	24,739	24,045	53,657	52,056	48,473	18,777	18,291	17,400
Hawai'i	22,727	20,794	19,573	43,817	40,363	38,924	16,080	14,686	13,726
Kaua'i	24,759	23,543	22,136	48,597	42,128	43,886	17,036	17,678	15,901
<b>STATE</b>	<b>\$24,704</b>	<b>\$23,533</b>	<b>\$22,757</b>	<b>\$51,351</b>	<b>\$47,966</b>	<b>\$46,853</b>	<b>\$17,116</b>	<b>\$16,483</b>	<b>\$15,707</b>
<b>Taxable Resident Returns</b>									
O'ahu	\$31,586	\$30,604	\$29,775	\$63,119	\$59,778	\$57,260	\$21,766	\$21,317	\$20,696
Maui	31,360	29,073	28,285	59,740	58,390	55,113	22,482	21,667	20,326
Hawai'i	28,341	26,805	25,890	52,616	50,173	48,102	21,005	19,325	18,533
Kaua'i	30,864	29,288	26,743	57,326	51,665	50,813	21,054	21,127	19,316
<b>STATE</b>	<b>\$31,064</b>	<b>\$29,920</b>	<b>\$28,881</b>	<b>\$60,776</b>	<b>\$58,011</b>	<b>\$55,554</b>	<b>\$21,719</b>	<b>\$21,140</b>	<b>\$20,219</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 2004**

Sources of Income	Number of Returns	Amount
Salaries and Wages	51,355	\$1,920,990,273
Taxable Dividends	11,756	32,699,264
Interest	30,399	36,885,346
Business and Professions		
Net Profit	6,844	117,731,746
Net Loss	3,787	(24,876,071)
Sale of Capital Assets		
Net Gain	5,475	184,481,157
Net Loss	4,483	(12,430,626)
Rents and Royalties		
Net Profit	3,186	36,921,858
Net Loss	3,491	(31,155,944)
Partnerships and S-Corporations		
Net Profit	1,915	98,402,622
Net Loss	911	(20,157,050)
Estates and Trusts	366	3,380,749
Unemployment Compensation	2,840	8,753,791
Pensions and Annuities	9,998	164,727,745
Taxable IRA Distributions	3,039	30,739,330
State Tax Refund Income	16,044	19,606,025
Federally-Taxed Social Security	4,776	43,938,880
All Other Sources <sup>1</sup>	7,972	149,258,045
Federal Total Income	61,309	\$2,759,897,140
Hawaii Additions <sup>2</sup>	11,988	\$43,316,435
Hawaii Subtractions <sup>3</sup>	15,080	\$217,944,231
Hawaii Total Income	61,309	\$2,585,269,344
Less Adjustments to Income	13,175	\$37,861,046
Adjusted Gross Income <sup>4</sup>	61,309	\$2,547,408,298

<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 2004, MAUI COUNTY

Type of Deduction	Number of Returns	Amount
Itemized Contributions	31,510	\$66,858,338
Interest	17,946	210,224,299
Medical and Dental	8,937	29,630,057
Casualty Loss	104	808,534
Taxes	37,241	153,703,486
Other Itemized Deductions	19,373	78,908,658
<b>Total Itemized Deductions</b>	<b>37,883</b>	<b>\$540,133,372</b>
Less: Unallowed Itemized Deductions	4,029	14,645,924
<b>Net Allowed Itemized Deductions</b>	<b>37,883</b>	<b>\$525,487,448</b>
Standard Deduction	23,426	36,301,286
<b>Total Allowed Deductions</b>	<b>61,309</b>	<b>\$561,788,734</b>

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	1996	1997	1998	1999	2000	2001	2002	2003	2004
Form N-11	39,840	42,688	44,788	46,630	48,799	50,829	51,591	54,409	56,964
Form N-12	4,178	2,278	1,987	1,769	1,458	1,267	994	974	899
Form N-13	8,092	7,070	6,418	5,546	4,916	4,437	4,078	3,747	3,446
Form N-15	1,221	2,561	2,642	2,905	3,410	3,450	3,374	1,835	1,894
<b>TOTAL</b>	<b>53,331</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>

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 2004

Tax Credit	Wailuku Kahului	Kīhei	Lahaina	Rural Maui	Moloka'i	Lāna'i	State of Hawai'i
<b>Number of Returns</b>	<b>23,809</b>	<b>9,288</b>	<b>9,486</b>	<b>16,570</b>	<b>2,759</b>	<b>1,387</b>	<b>606,302</b>
Low Income Credit	6,605	2,381	2,518	5,753	1,251	443	184,101
Renter's Credit	2,244	1,030	761	1,211	105	240	60,288
Dependent Care Credit	1,134	418	275	790	38	59	26,720
Child Car Seat Credit	317	81	67	177	7	9	4,367
Capital Goods Excise Credit	212	129	92	261	ND	ND	4,525
Energy Conservation Credit	78	56	49	63	8	ND	950
Renewable Energy Tech. Credit	109	47	27	130	15	ND	1,877
Residential Remodeling Credit	161	110	88	161	7	6	2,050
Payments to Other States	114	204	135	259	18	6	6,079
All Other Credits	28	18	8	40	6	5	1,518

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 2004

Type of Credit	Number	Amount
Low Income Credit	18,902	\$803,855
Renter's Credit	5,590	589,900
Dependent Care Credit	2,707	845,514
Child Car Seat Credit	658	16,450
Capital Goods Excise Credit	826	997,785
Fuel Credit for Fishing	25	6,710
Motion Picture Credit	*	*
Hotel Remodeling Credit	12	2,164
Energy Conservation Credit	257	202,164
Renewable Energy Technologies	328	372,047
Vocational Rehabilitation Job Credit	*	*
Enterprise Zone Credit	*	*
High Technology Credit	71	2,392,621
Technology Infrastructure Credit	0	0
Payments to other States	737	4,809,530
Low-Income Housing Credit	*	*
Residential Remodeling Credit	532	987,209
Research Activities Credit	9	19,666
<b>Total for individuals</b>		<b>\$12,068,583</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 2007-08

*Amounts in Thousands*

Type of Exemption	Number	Amount
Federal Government	78	\$ 40,821
State Government	1,300	1,967,737
County Government	466	412,974
Government Leases - Total	86	66,452
Government Leases - Portion	54	21,996
Hawaiian Homes Commission	426	20,697
Hawn Homes Land - Basic	338	32,508
Hawn Homes Land - Multiple	132	10,815
Hawn Homes Land - Total	276	32
Hawn Homes Land - Vacant	162	24
Hawaiian Homes - 7 Year	108	14,992
Homes - Fee - (Basic)	16,646	4,742,253
Homes - Fee - (Multiple)	5,956	1,655,969
Homes - Leasehold - (Basic)	280	78,041
Homes - Leasehold - (Multiple)	471	133,719
Blind	25	582
Deaf	11	175
Leprosy	1	0
Totally Disabled	459	9,160
Totally Disabled Veterans	118	58,576
Cemeteries	8	1,395
Charitable Organizations	190	219,899
Childcare	23	1,150
Churches	231	319,204
Credit Unions	12	10,635
Enterprise Zone	0	0
Forest Reserve	4	77
Historic Residential Properties	4	7,037
Hospitals	12	40,981
Landscaping, Open-Space	1	10
Low-Moderate Income Housing	33	147,462
Public Utilities	70	82,638
Roadways and Waterways	1,368	5,136
Schools	11	80,202
Taro	36	39
Miscellaneous	3	417
<b>TOTAL</b>	<b>29,399</b>	<b>\$10,183,805</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, 2007, MAUI COUNTY

Source of Revenue	Gallons	State Tax	City Fuel Tax	Total Tax
Gasoline	64,750,897.34 *	\$10,325,695.16	\$10,434,589.96	\$20,760,285.12
DO (non-hwy)	14,676,777.00	146,767.77	0	146,767.77
DO (hwy use)	9,435,259.37	1,509,641.50	1,521,535.50	3,031,177.00
LPG (off hwy)	0	0	0	0
LPG (hwy use)	9,659.90	502.31	415.38	917.69
SB (gas)	0	0	0	0
SB (diesel oil)	0	0	0	0
Aviation fuel	64,258,839.00	642,588.39	0	642,588.39
Other fuel	702,873.00	28,114.92	0	28,114.92
SUB-TOTAL	153,834,305.61	12,653,310.05	11,956,540.84	24,609,850.89
Environmental Tax**	4,331,004.40	216,550.22	0	216,550.22
<b>TOTAL</b>		<b>\$12,869,860.27</b>	<b>\$11,956,540.84 ***</b>	<b>\$24,826,401.11</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, 2007, MAUI COUNTY

Source of Revenue	Amount	Total Tax
State Highway Special Fund	\$11,890,614.44	
State Airports Special Fund	642,588.39	
State Boating Special Fund	239,672.62	\$12,772,875.45
County Fuel Tax:		
Lāna'i	0	
Moloka'i	0	
Maui	\$11,836,975.44	11,836,975.44
SUB-TOTAL		24,609,850.89
Environmental Tax Fund		216,550.22
<b>TOTAL</b>		<b>\$24,826,401.11</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 herba-culture 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.

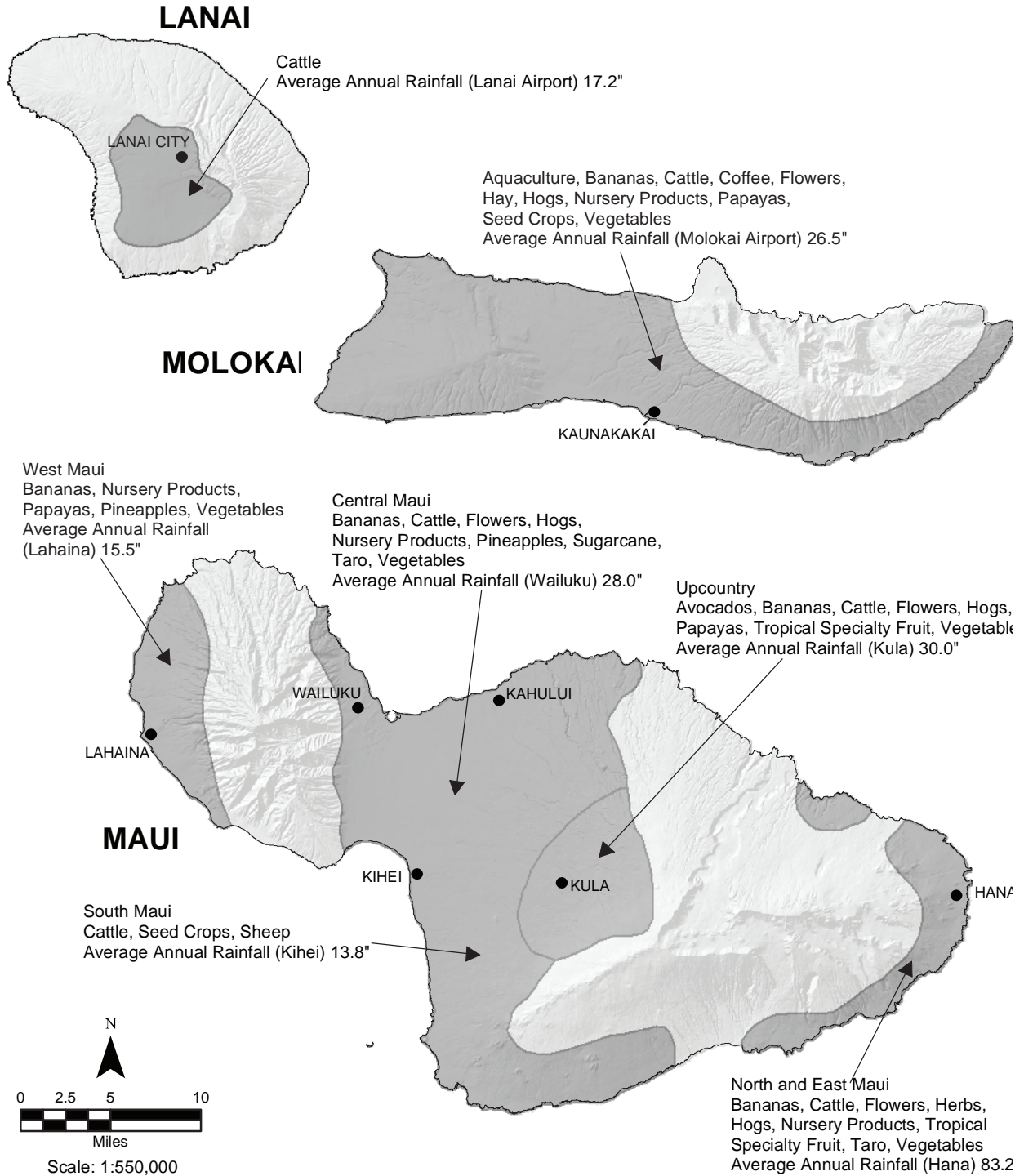
The pounds of fish landed State wide has generally been declining since 2000, although the pounds landed in Maui County has been up since 2003. Commercial aquaculture continues to grow in importance.

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

	2000	2001	2002	2003	2004	2005
Number of Farms <sup>1</sup>	800	850	850	850	850	850
Farm Acreage (1,000) <sup>2</sup>	280	270	260	260	260	260
Farm Employment <sup>3</sup>						
Self-employed farm operators	500	500	500	*	*	*
Unpaid workers <sup>4</sup>	150	150	150	*	*	*
Hired workers	2,000	1,800	2,250	1,650	1,850	1,700

\* 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 2005 (annual)*.

## 5.1.5

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

	2001	2002	2003	2004	2005
<b>Number of Livestock Operations, December 31</b>					
Cattle <sup>1</sup>	170	170	140	160	160
Hogs	60	60	50	50	60
Milk	4	D	6	6	6
Eggs	8	D	20	20	20
Honey	D	D	D	D	D
<b>Value of Livestock Sales (\$1,000)</b>					
Cattle <sup>2</sup>	2,438	2,588	2,266	2,932	2,729
Hogs <sup>3</sup>	829	838	897	859	880
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>	6,002	6,054	6,106	6,510 r	8,448

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 2005 (annual)*.

## 5.1.6

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

	2001	2002	2003	2004	2005
<b>Acres in Crop (1,000 acres)</b>					
Sugarcane	35.4	36.7	36.7	34.8	33.0
Pineapples (land used for pineapple)	9.1	9.1	5.9	5.5	D
Vegetables and melons (harvested acreage) <sup>1</sup>	1.2	1.1	1.1	0.9	1.0
Fruits (excluding pineapples)	0.3	0.4	0.5	0.5	0.5
Coffee	D	D	D	D	D
Macadamia nuts	D	D	D	D	D
All other crops <sup>2</sup>	2.1	1.5	1.8	1.9	2.3
<b>Number of Crop Farms</b>					
Sugar	1	1	1	1	1
Pineapples <sup>3</sup>	2	5	5	5	D
Vegetables and melons	100	100	95	107	107
Fruits (excluding pineapples)	193	204	285	260	258
Coffee	D	D	D	D	D
Macadamia nuts	D	D	D	D	D
Taro	25	25	25	25	20
Flowers and nursery products	150	155	160	180	180
<b>Value of Sales (\$1,000)</b>					
Sugar (unprocessed cane)	44,900	51,300	50,900	46,200	44,100
Pineapples (fresh equivalent)	27,115	29,624	30,441	27,977	D
Vegetables, ginger root, herbs, and melons	10,125	9,644	10,229	9,632	9,150
Fruits (excluding pineapples)	921	1,270	1,451	1,316 r	
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>	9,898	11,106	11,236	9,535 r	11,716
Total crops <sup>5</sup>	118,262	130,395	128,043	129,200 r	138,483

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 2005 (annual)*.

## 5.1.7

## SUGARCANE, MAUI ISLAND

	2001	2002	2003	2004	2005
<b>Number of farms<sup>1</sup></b>	1	1	1	1	1
<b>Acreage (1,000 acres)</b>					
In crop <sup>1</sup>	35.4	36.7	36.7	34.8	33.0
Harvested for sugar	15.1	16.5	15.7	16.9	16.6
<b>Yield per acre (tons)<sup>2</sup></b>					
Sugarcane	98.7	102.7	104.5	91.7	80.1
Raw Sugar 96°	12.68	13.04	13.14	11.8	11.6
<b>Production of cane for sugar (1,000 tons)</b>	1,491	1,694	1,641	1,549	1,329
<b>Farm price (dollars per ton)</b>	30.10	30.30	31.00	29.80	33.20
<b>Value of cane for sugar (\$1,000,000)<sup>3</sup></b>	44.9	51.3	50.9	46.2	44.1
<b>Mill Production (1,000 tons)</b>					
Raw Sugar 96°	191	216	206	199	193
Molasses <sup>4</sup>	72	74	75	65	57
<b>Average returns received (dollars per ton)<sup>5</sup></b>					
Raw Sugar 96°	352	354	368	346	342
Molasses <sup>4</sup>	49.00	50.10	35.30	27.10	60.00
<b>Value of production (\$1,000,000)</b>					
Raw Sugar 96°	67.2	76.5	75.8	68.9	66.0
Molasses <sup>4</sup>	3.5	3.7	2.6	1.8	3.4
Total	70.7	80.2	78.4	70.7	69.4

<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 2005 (annual)*.

## 5.1.8

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

Commodity	2000	2001	2002	2003	2004	2005
<b>HARVESTED ACREAGE<sup>1</sup></b>						
Beans, snap	70	55	55	65	45	45
Cabbage, head	190	170	170	165	175	200
Celery	25	25	25	20	10	D
Corn, sweet	D	D	D	D	D	D
Cucumbers	160	155	180	180	185	195
Lettuce	D	D	D	D	D	D
Onions, dry	190	150	130	145	125	125
Onions, green	D	D	D	D	D	D
Peppers, green	D	D	D	D	D	D
Romaine	55	55	30	35	30	35
Squash, Italian	65	60	75	85	75	90
Sweet potatoes	65	50	95	60	50	70
Tomatoes	D	D	D	D	D	D
Watermelon	D	D	D	D	D	D
Other Vegetables & Melons <sup>2</sup>	495	490r	355	350	250	230
<b>Total Vegetables &amp; Melons</b>	<b>1,315</b>	<b>1210r</b>	<b>1,115</b>	<b>1,105</b>	<b>945</b>	<b>990</b>
Taro (acreage in crop) <sup>3</sup>	100	100	100	100	75	75
<b>PRODUCTION (1,000 pounds)</b>						
Beans, snap	550	500	460	550	230	170
Cabbage, head	5,300	4,650	4,300	4,600	4,800	4,500
Celery	350	500	500	500	300	D
Corn, sweet	D	D	D	D	D	D
Cucumbers	2,500	2,490	2,560	2,850	3,300	2,780
Lettuce	D	D	D	D	D	D
Onions, dry	2,700	2,150	1,340	2,125	1,150	1,550
Onions, green	D	D	D	D	D	D
Peppers, green	D	D	D	D	D	D
Romaine	600	550	350	450	400	600
Squash, Italian	980	800	630	1,080	760	650
Sweet potatoes	620	380	650	660	600	580
Tomatoes	D	D	D	D	D	D
Watermelon	D	D	D	D	D	D
Other Vegetables & Melons <sup>2</sup>	6,625	6,405	5,005	3,335	2,580	2,825
<b>Total Vegetables &amp; Melons</b>	<b>20,225</b>	<b>18,425</b>	<b>15,795</b>	<b>16,150</b>	<b>14,120</b>	<b>13,655</b>
Taro (marketings) <sup>3</sup>	1,300	1,300	1,250	1,100	800	850



## 5.1.8

CONTINUED

Commodity	2000	2001	2002	2003	2004	2005
<b>VALUE (\$1,000)</b>						
Beans, snap	468	473	414	495	216	166
Cabbage, head	970	944	886	1,044	1,478	1,233
Celery	98	152	153	140	89	D
Corn, sweet	D	D	D	D	D	D
Cucumbers	988	1,068	1,080	1,206	1,690	1,290
Lettuce	D	D	D	D	D	D
Onions, dry	2,066	1,993	1,461	2,080	1,995	2,429
Onions, green	D	D	D	D	D	D
Peppers, green	D	D	D	D	D	D
Romaine	244	214	147	176	204	324
Squash, Italian	480	400	282	585	418	364
Sweet potatoes	372	228	332	336	330	377
Tomatoes	D	D	D	D	D	D
Watermelon	D	D	D	D	D	D
Other Vegetables & Melons <sup>2</sup>	3,297	3,570	4,098	3,295	2,477	2,207
<b>Total Vegetables &amp; Melons</b>	<b>8,983</b>	<b>9,042</b>	<b>8,853</b>	<b>9,357</b>	<b>8,897</b>	<b>8,390</b>
Taro <sup>3</sup>	684	691	690	605	441	481

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 2005* (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>						
2002	870	3,030	30,415	10	2,870	3,648
2003	865	2,540	27,465	16	3,185	3,890
2004	920	2,620r	26,560	0r	3,160	3,830
2005	955r	2,095r	27,015r	0r	3,320r	3,988r
2006	930	2,180	25,115	0	3,425	4,052
<b>Maui/Molokai</b>						
2002	155	400	740	0	540	566
2003	160	350	775	0	575	601
2004	180	285	750	0	530r	554
2005	185r	265r	795r	0	525r	549r
2006	185	270	725	0	510	533

r: Revised from previous Data Book

SOURCE: Hawai'i Agricultural Statistics Service, *Hawaii Flowers and Nursery Products (annual, 2006)*, *Statistics of Hawaiian Agriculture (annual)*.

### 5.1.10

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

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

Commodity	2002	2003	2004	2005	2006
Cut Flowers <sup>1</sup>	2,807	2,962	2,530	2,838r	2,785
Orchids <sup>2</sup>	1,007	1,629	918	991r	992
Lei Flowers	D	1,114	880	1,249r	1,294
Foliage <sup>3</sup>	D	365	450	482	657
Potted Flowering Plants	1,283	1,044	1,274	1,621	1,536
All Other Nursery Products <sup>4</sup>	5,769	3,902	3,268	4,419	4,652
Unspecified Sales <sup>5</sup>	240	220	215	310r	360
Total	11,110	11,236	9,535	11,910r	12,276

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, 2006)*, *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	2001	2002	2003	2004	2005
<b>Cash receipts from marketings (\$000)</b>	114,539	125,438	125,651	125,878	128,329
Cash receipts: livestock and products	5,090	5,001	4,880	5,326	5,210
Cash receipts: crops	109,449	120,437	120,771	120,552	123,119
<b>Other income</b>	1,149	1,578	1,898	2,290	2,417
Government payments	402	402	344	424	721
Imputed and miscellaneous income received <sup>1</sup>	747	1,176	1,554	1,866	1,696
<b>Total production expenses</b>	118,213	117,380	121,028	127,375	136,587
Feed purchased	2,217	2,224	2,224	2,523	2,299
Livestock purchased	610	557	607	646	772
Seed purchased	2,652	3,177	3,202	3,216	3,332
Fertilizer and lime (incl. ag. chemicals 1978-fwd.)	12,022	11,225	12,099	13,891	17,949
Petroleum products purchased	5,173	4,958	5,959	6,948	9,450
Hired farm labor expenses <sup>2</sup>	51,500	52,193	52,208	54,927	53,222
All other production expenses <sup>3</sup>	44,039	43,046	44,729	45,224	49,563
<b>Value of inventory change</b>	(170)	477	163	(215)	234
Value of inventory change: livestock	161	(187)	300	(112)	391
Value of inventory change: crops	0	0	0	0	0
Value of inventory change: materials and supplies	(331)	664	(137)	(103)	(157)
<b>Total cash receipts and other income</b>	115,688	127,016	127,549	128,168	130,746
less: Total production expenses	118,213	117,380	121,028	127,375	136,587
<b>Realized net income</b>	(2,525)	9,636	6,521	793	(5,841)
plus: Value of inventory change	(170)	477	163	(215)	234
<b>Total net income including corporate farms</b>	(2,695)	10,113	6,684	578	(5,607)
less: Net income of corporate farms	(1,997)	8,060	2,773	(1,335)	(5,202)
plus: Statistical adjustment	0	0	0	0	0
<b>Total net farm proprietors' income</b>	(698)	2,053	3,911	1,913	(405)
plus: Farm wages and perquisites	53,031	53,009	49,834	59,993	61,914
plus: Farm supplements to wages and salaries	9,137	9,001	9,361	8,692	8,720
<b>Total farm labor and proprietors' income</b>	61,470	64,063	63,106	70,598	70,229

<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	2000	2001	2002	2003	2004	2005
Maui County	649,074	582,994	478,392	570,104	682,546	662,075
Maui	NA	NA	437,866	531,966	631,456	601,291
Moloka'i	NA	NA	27,490	16,931	27,417	38,007
Lāna'i	NA	NA	13,036	21,207	23,673	22,777
O'ahu	22,021,639	16,913,820	16,906,835	19,642,889	18,171,533	20,609,869
Hawai'i	3,903,622	2,952,061	3,232,526	3,301,645	2,656,106	3,023,055
Kaua'i & Ni'ihau	865,863	718,876	536,714	655,153	598,823	581,068
<b>Total</b>	<b>27,440,198</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>

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	2002	2003	2004	2005
Kawai (Moloka'i) Channel	56,271	88,482	64,471	53,551
Penguin Bank	119,450	99,370	96,100	114,401
Kealaikahiki Channel	54,210	38,700	52,567	54,645
'Alenuihāhā Channel	14,728	17,524	35,194	28,664
'Au'au, Kalohi & Pailolo Channels	22,638	27,512	27,281	29,753
'Alalākeiki Channel	55,266	68,789	58,483	68,394
Moloka'i	43,975	41,501	41,860	71,074
Lāna'i	70,131	70,949	76,396	123,190
Kaho'olawe	41,101	38,909	49,195	38,431
Mākena - Hāna	23,730	32,916	95,443	31,053
Hāna - Kahului	144,426	152,478	207,475	170,076
Honolua - Lahaina	7,446	5,075	6,498	3,911
Lahaina - Mākena	41,423	90,312	35,229	88,457

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*

	2001	2002	2003	2004	2005
<b>Fishing Method</b>					
Aku Pole & Line	978,315	791,557	934,867	756,803	737,156
Longline	12,672,461	13,787,143	16,645,599	14,868,196	17,793,249
Deep Bottom Handline	632,030	523,462	589,494	493,413	585,510
Tuna Handline	2,393,194	2,377,744	1,972,716	1,606,830	1,712,098
Trolling	2,819,250	2,457,275	2,573,442	3,076,786	2,570,333
All Other	1,672,501	1,217,286	1,453,673	1,306,980	1,477,721
Total	21,167,751	21,154,467	24,169,791	22,109,008	24,876,067
<b>Species Group</b>					
Tunas	13,202,981	13,406,002	15,477,156	12,674,644	14,127,639
Bill & Swordfish	2,470,013	2,746,488	2,513,032	2,832,430	4,423,863
Misc. Pelagic	3,056,208	3,076,613	3,992,052	4,627,789	4,143,233
Deep Bottom	641,540	532,646	577,772	516,570	608,260
Akule/Ōpelu	1,211,092	752,753	961,577	577,423	923,669
Inshore	261,388	293,917	281,193	244,053	272,449
All Other	324,529	346,048	367,009	336,099	376,954
Total	21,167,751	21,154,467	24,169,791	21,809,008	24,876,067

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 39,000 tons of cargo and mail passing through Kahului Airport and just over 4,100,000 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 12 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		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.

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

<b>Free Circulation</b>		
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
The Maui Time Weekly	18,000	weekly
Maui Weekly	25,500	weekly
The Lānaʻi Times	5,000	monthly
The Molokaʻi Advertiser News	3,000	weekly
The Molokaʻi Dispatch	5,270	weekly
<b>Paid Circulation</b>		
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: Hawaiʻi 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, 2001	3	3	1	2	2
Dec. 31, 2002	3	3	1	2	1
Dec. 31, 2003	2	2	1	1	1
Dec. 31, 2004	2	2	1	1	1
Dec. 31, 2005	2	2	1	1	1
Dec. 31, 2006	2	2	1	1	1
<b>Subscribers<sup>2</sup></b>					
Dec. 31, 2001	48,422	36,436	264,871	18,675	368,424
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
<b>Basic Service Revenue (\$1,000)</b>					
2001	15,761	14,482	85,830	7,010	123,083
2002	16,809	15,016	91,301	7,549	130,675
2003	18,012	15,821	95,401	8,091	137,325
2004	18,903	16,722	101,318	8,582	145,527
2005	19,861	17,883	106,248	9,102	153,095
2006	20,997	19,181	111,308	9,842	161,329

<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	47	9
TV <sup>2</sup>	25	5
<b>Non-commercial Stations</b>		
AM	—	—
FM	11	1
TV <sup>2</sup>	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

	2000	2001	2002	2003	2004	2005	2006
<b>Total</b>	<b>127,738</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>
Gasoline	57,861	56,585	59,380	73,689	62,593	61,998	66,562
Diesel Oil, Non-Highway	28,289	25,580	36,566	5,044	16,255	8,470	14,229
Diesel Oil, Highway use	4,097	4,151	4,839	4,307	5,976	5,392	7,580
Liquid Petroleum Gas, Off Highway	634	590	167	137	394	2	0
Liquid Petroleum Gas, Highway use	14	16	19	17	15	21	13
Other Fuel				115	328	693	864
Aviation Fuel	36,842	20,525	44,561	45,109	59,762	60,403	62,292

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	Population	Resident 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 2006

Town	Major <sup>1</sup>	Minor <sup>2</sup>	Civil <sup>3</sup>	Non Traffic
Ha'ikū	34	50	11	0
Hāli'imaile	15	8	1	0
Hāna	20	46	5	0
Kaanapali	18	11	24	0
Kahana/Nāpili	19	19	23	1
Kahului	197	255	130	6
Kapalua	3	5	4	2
Kīhei	179	109	56	3
Kula	35	47	5	2
Lahaina	106	102	45	2
Lāna'i	7	11	2	0
Makawao	27	42	10	1
Moloka'i	27	39	16	1
Pā'ia	23	39	8	2
Pukalani	25	27	14	0
Wailuku	94	131	62	4
Unknown	334	415	155	2
<b>TOTAL</b>	<b>1,163</b>	<b>1,356</b>	<b>571</b>	<b>26</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	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07
<b>Regular unleaded gasoline</b>												
<b>Maui County</b>	<b>3.097</b>	<b>3.211</b>	<b>3.201</b>	<b>3.225</b>	<b>3.348</b>	<b>3.678</b>	<b>3.746</b>	<b>3.624</b>	<b>3.596</b>	<b>3.567</b>	<b>3.553</b>	<b>3.684</b>
Ha'ikū	3.099	NA	3.169	3.219	NA	NA	NA	3.569	3.529	NA	3.529	3.529
Kahului	3.086	3.188	3.179	3.195	3.344	3.662	3.712	3.596	3.566	3.554	3.538	3.673
Kaunakakai	NA	3.457	3.410	3.441	3.512	3.753	3.899	3.899	3.897	3.852	3.849	3.939
Kīhei	3.106	3.194	3.184	3.245	3.348	3.690	3.746	3.620	3.587	3.561	3.551	3.683
Kula	3.089	3.170	3.179	NA	NA	3.679	3.707	3.599	3.575	3.545	3.546	3.640
Lahaina	3.104	3.187	3.171	3.189	3.287	3.656	3.746	3.596	3.571	3.549	3.541	3.646
Makawao	3.103	3.200	3.176	3.184	3.315	3.662	3.734	3.599	3.575	3.523	3.487	3.631
Pā'ia	3.098	3.197	3.200	3.215	3.344	3.718	3.758	3.632	3.604	3.585	3.584	3.693
Waituku	3.100	3.196	3.197	3.217	3.357	3.684	3.761	3.625	3.605	3.593	3.584	3.716
<b>Diesel</b>												
<b>Maui County</b>	<b>3.743</b>	<b>3.734</b>	<b>3.705</b>	<b>3.689</b>	<b>3.733</b>	<b>3.770</b>	<b>3.761</b>	<b>3.774</b>	<b>3.779</b>	<b>3.774</b>	<b>3.814</b>	<b>3.926</b>
Hāna	3.999	3.999	NA	NA	4.099	4.089	NA	NA	NA	NA	NA	NA
Kahului	3.619	3.657	3.628	3.588	3.652	3.698	3.720	3.744	3.732	3.723	3.776	3.883
Kaunakakai	3.719	3.706	3.659	3.661	3.659	3.751	3.819	3.819	3.819	3.821	3.829	3.958
Kīhei	3.843	3.843	3.817	3.807	3.825	3.880	3.799	3.808	3.853	3.860	3.874	4.065
Kula	NA	NA	3.799	3.799	NA	3.853	3.859	3.859	3.859	NA	3.992	NA
Lahaina	3.702	3.702	3.702	3.701	3.720	3.734	3.730	3.730	3.725	3.738	3.763	3.800
Pā'ia	NA	NA	NA	3.469	NA	NA	3.589	3.629	3.629	3.629	3.704	NA
Waituku	3.792	3.706	3.748	3.801	3.820	3.849	3.809	3.832	3.829	3.832	3.860	3.935

<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-Hālawā	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*

	2000	2001	2002	2003	2004	2005	2006
Drivers Licenses in Force (as of December 31)	90,964	93,595	97,045	99,716	100,916	102,050	103,402
All Vehicles	135,554	139,546	141,511	148,716	156,880	164,386	163,696
Motor Vehicle	132,636	136,473	138,058	144,985	152,904	160,277	159,341
Passenger vehicles <sup>1</sup>	103,329	105,879	106,384	112,205	118,915	125,169	122,990
Ambulance	13	12	12	14	12	11	12
Buses	324	308	291	288	268	272	246
Trucks <sup>1</sup>	26,690	27,868	28,696	29,516	30,569	31,495	32,493
Truck tractors	98	99	99	88	88	86	94
Truck cranes	68	62	62	61	60	56	76
Motorcycles <sup>2</sup>	2,114	2,245	2,514	2,810	2,992	3,188	3,430
Trailers and Semi-trailers	2,918	3,073	3,453	3,731	3,976	4,109	4,355

<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
Ni'ihau	-	-	-	-

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 2006

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>1,101,284</b>	<b>702,118</b>	<b>170,090</b>	<b>73,165</b>	<b>155,911</b>
Taxable vehicles	1,028,218	632,640	168,660	72,405	154,513
Exempt vehicles	73,066	69,478	1,430	760	1,398
Federal government	400	388	10	-	2
State government	5,551	5,544	4	-	3
County government	6,635	4,205	793	507	1,130
Fire department	266	71	123	37	35
Police department	1,640	1,275	360	-	5
Consulates	58	56	1	-	1
Disabled veterans	93	53	8	29	3
Military non-resident	58,011	57,687	64	178	82
Farm	233	80	42	3	108
Horseless carriage	52	39	8	3	2
Electric vehicles	127	80	17	3	27

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	46	28	60	18	40	5	11	13	28
Honolulu	97	69	72	28	28	5	5	23	23
Kaua'i	11	8	74	3	26	0	0	3	26
Maui	22	10	45	12	55	2	9	10	45
<b>State total</b>	<b>176</b>	<b>115</b>	<b>65</b>	<b>61</b>	<b>35</b>	<b>12</b>	<b>7</b>	<b>49</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	2001	2002	2003	2004	2005
<b>Major Traffic Accidents<sup>1</sup></b>					
Honolulu	6,406	6,761	7,025	6,935r	6,824r
Hawai'i	2,781	2,256	22,180r	2,517r	1,800r
Kaua'i	524	637	7678r	730	649r
Maui	1,159	1,009	1,145	825	945r
<b>Fatal Accidents</b>					
Honolulu	74	67	65	65	73r
Hawai'i	29	27	32r	33	32r
Kaua'i	4	5	5	9	9
Maui	26	17	15	21	15
<b>Persons Injured</b>					
Honolulu	5,036	5,426	5,460	5,347r	70r
Hawai'i	1,819	1,844	1,661r	1,950r	41r
Kaua'i	440	524	558	509r	10r
Maui	1,346	1,156	1,249	1,021r	21r
<b>Persons Killed</b>					
Honolulu	79	67	79	70	76r
Hawai'i	30	28	30	41	39r
Kaua'i	4	5	5	10	10
Maui	28	20	16	21	15

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

**SELECTED STATISTICS FOR ALOHA  
AND HAWAIIAN AIRLINES**

Subject	Aloha Airlines		Hawaiian Airlines	
	2004	2005	2004	2005
Operating aircraft (year-end)	27	21	25	25
Employees (full-time equivalents)	2,512	2,524	3,090	3,040
Revenue aircraft departures	57,796	56,231	49,271	49,200
Revenue passengers enplaned (1,000) <sup>1</sup>	4,182	3,950	5,585	5,786
Revenue passenger miles (million) <sup>1</sup>	2,323	2,151	6,141	6,617
Cargo revenue ton miles (million)	9	8	375	85
Revenues (\$million)				
Passenger <sup>1</sup>	384	375	700	750
Operating	434	429	785	824
Profit/loss (\$million)				
Operating	(24)	7	76	32
Net <sup>2</sup>	(30)	(18)	(69)	(865)

<sup>1</sup> Scheduled service only.

<sup>2</sup> Excludes bankruptcy-related charges (reorganization expenses and fresh-start accounting gains).

SOURCE: Air Transport Association, *ATA Economic Report* (annual)

## 6.2.14

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

2006	Kahului	Honolulu International	Kona International (Keāhole)	Līhu'e	Hilo International	Moloka'i
All Movements	164,992	317,317	143,411	118,169	96,724	39,685
Air Carrier	67,676	187,152	29,232	26,551	17,226	181
Air Taxi	70,272	61,025	21,685	61,438	50,485	27,488
General Aviation	24,468	54,083	72,968	26,287	20,294	10,137
Military	2,576	15,057	19,526	3,893	8,719	1,879

SOURCE: Hawai'i State Department of Transportation, Airports Division, Airport Activity Statistics, Calendar Year 2006.

## 6.2.15

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

	1999	2000	2001	2002	2003	2004	2005	2006
<b>Kahului Airport</b>								
All Movements	188,385	174,855	160,324	157,868	151,558	160,552	168,449	164,992
Air Carrier	62,883	63,799	55,937	51,275	47,295	50,729	59,210	67,676
Air Taxi	92,569	77,779	69,635	77,357	76,261	80,563	77,844	70,272
General Aviation	29,575	29,983	31,816	25,218	24,169	25,543	27,326	24,468
Military	3,358	3,294	2,936	4,018	3,833	3,717	4,069	2,576
<b>Molokai Airport</b>								
All Movements	49,184	44,691	43,806	43,065	40,944	36,757	39,364	39,685
Air Carrier	1,469	1,484	1,138	964	656	424	0	181
Air Taxi	30,286	27,385	26,890	27,213	27,116	24,321	26,349	27,488
General Aviation	14,169	11,869	12,532	11,931	11,450	10,702	10,977	10,137
Military	3,260	3,953	3,246	2,957	1,722	1,310	2,038	1,879

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 2005.

6.2.16

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

Airport	2003		2004		2005		2006	
	En-planed	De-planed	En-planed	De-planed	En-planed	De-planed	En-planed	De-planed
<b>Passengers</b>								
OGG								
interisl.	1,414,008	1,414,634	1,360,401	1,359,462	1,388,108	1,372,828	1,490,963	1,468,422
OGG								
overseas	1,271,118	1,282,431	1,399,326	1,385,655	1,561,924	1,570,159	1,350,369	1,381,122
MKK	97,180	100,163	95,113	96,924	97,199	99,643	108,257	110,938
LNY	56,406	56,275	49,310	49,329	49,328	49,794	53,945	54,393
JHM	47,569	48,027	50,053	52,528	53,842	56,836	61,032	64,004
HNM	3,863	3,810	3,553	3,342	4,117	3,485	4,307	4,341
LUP	5,947	5,097	5,736	5,028	6,697	9,139	6,249	5,760
<b>Cargo (U.S. Tons)</b>								
OGG								
interisl.	6,134	18,101	5,833	16,688	4,653	14,702	4,543	13,412
OGG								
overseas	15,699	8,184	7,138	7,718	8,003	6,672	4,924	7,682
MKK	617	815	380	758	333	798	333	785
LNY	79	732	50	741	117	826	74	735
JHM	285	337	213	367	269	612	259	654
HNM	23	61	12	40	8	31	7	15
LUP	17	174	14	218	11r	202r	14	169
<b>Mail (U.S. Tons)</b>								
OGG								
interisl.	1,547	7,557	1,459	8,489	1,513	8,748	860	7,733
OGG								
overseas	773	35	710	69	706	6	1,111	4,036
MKK	19	39	54	14	85	0	60	216
LNY	2	33	203	87	294	108	81	128
JHM	0	0	0	0	0	0	-	2
HNM	0	0	0	0	169	0	-	-
LUP	0	9	5	11	6	20	7	20

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 2006.

6.2.17

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

MLW (pounds)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
<10,000	0	0	0	0	0	0	0	0	0	0	0	0	0
10,000 - 20,000	0	0	0	0	0	0	0	0	0	6	9	15	30
20,000 - 30,000	3	1	2	2	1	0	1	1	1	1	0	1	14
30,000 - 40,000	23	17	12	14	32	37	24	36	31	38	19	31	314
40,000 - 50,000	11	8	2	10	5	17	9	5	10	12	1	2	92
50,000 - 75,000	19	30	12	18	29	41	33	17	25	27	14	20	285
75,000 - 100,000	10	15	6	9	3	25	4	14	8	10	3	3	110
>100,000	2	1	0	1	6	3	1	1	3	6	0	0	24
<b>Total</b>	<b>68</b>	<b>72</b>	<b>34</b>	<b>54</b>	<b>76</b>	<b>123</b>	<b>72</b>	<b>74</b>	<b>78</b>	<b>100</b>	<b>46</b>	<b>72</b>	<b>869</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 Hawai'i, Department of Transportation, Airports Division, records.



## 6.2.18

### VESSEL ARRIVALS FOR KAHULUI HARBOR

*Excludes domestic fishing craft*

	1998	1999	2000	2001	2002	2003	2004	2005
<b>Total Inbound Vessels</b>	<b>1,351</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>By Type of Vessel</b>								
Self propelled vessels								
Passenger and dry cargo	45	55	54	69	59	75	120	137
Tanker	3	2	0	2	2	6	2	0
Towboat or tugboat	584	614	665	375	718	695	816	682
Non-self propelled vessels								
Dry cargo	618	656	624	744	663	593	400	458
Tanker	101	115	110	105	106	130	79	113
<b>By Draft</b>								
18 feet and less	1,152	1,160	1,198	1,305	1,279	1,289	1,292	1,255
19 feet and more	199	282	255	220	203	131	125	135

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 1998-2005.

## 6.2.19

### FREIGHT TRAFFIC FOR KAHULUI HARBOR

	Freight Traffic (In thousand short tons)
1990	2,408
1991	2,434
1992	2,357
1993	2,216
1994	2,368
1995	2,586
1996	2,828
1997	2,895
1998	2,851
1999	3,513
2000	3,477
2001	3,695
2002	3,458
2003	3,778
2004	3,901
2005	4,132

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 1990-2005.

## 6.2.20

## KAHULUI HARBOR FREIGHT TRAFFIC BY COMMODITY

*In thousands of tons*

2005 Commodity	Grand Total	Foreign Inbound	Coastwise Receipts	Coastwise Shipments
<b>Total, all commodities</b>	4,132	77	2,752	1,303
<b>Coal Total</b>	72	72		
1100 Coal & Lignite	72	72		
<b>Petroleum and Petroleum Products Total</b>	629	1	621	6
2211 Gasoline	214	-	209	5
2330 Distillate Fuel Oil	243	-	242	1
2340 Residual Fuel Oil	156	-	156	-
2350 Lube Oil & Greases	1	-	1	0
2429 Naphtha & Solvents	1	-	1	-
2640 Liquid Natural Gas	12	1	11	-
2990 Petro. Products NEC	0	-	0	-
<b>Chemicals and Related Products Total</b>	27	-	26	1
3190 fert. & mixes nec	25	-	24	1
3282 pigments & paints	0	-	0	-
3285 perfumes & cleansers	0	-	0	-
3286 plastics	0	-	0	-
3291 pesticides	0	-	0	-
3299 chem. products nec	1	-	1	0
<b>Crude Materials, Inedible Except Fuels Total</b>	164	0	144	19
4189 Lumber	148	-	140	7
4190 Forest Products NEC	0	-	0	-
4225 Pulp & Waste Paper	0	-	-	0
4331 Sand & Gravel	8	0	-	7
4338 Soil & Fill Dirt	0	-	0	-
4420 Iron & Steel Scrap	8	-	3	5
<b>Primary Manufactured Goods Total</b>	2,064	3	1,306	754
5190 paper products nec	7	-	7	1
5220 cement & concrete	63	-	63	-
5240 glass & glass prod.	1	-	1	0
5290 misc. mineral prod.	9	-	9	0
5360 i&s bars & shapes	1	-	1	-
5370 i&s pipe & tube	7	-	6	0
5429 smelted prod. nec	3	3	-	-
5480 fab. metal products	1,973	0	1,219	754

6.2.20

CONTINUED

2005 Commodity	Grand Total	Foreign Inbound	Coastwise	
			Receipts	Shipments
<b>Food and Farm Products Total</b>	525	-	211	314
6442 rice	2	-	2	-
6654 vegetables & prod.	28	-	11	18
6747 grain mill products	0	-	0	-
6781 hay & fodder	1	-	1	-
6782 animal feed, prep.	4	-	4	0
6811 meat, fresh, frozen	5	-	5	-
6839 animals & prod. nec	9	-	4	5
6857 fruit & nuts nec	5	-	0	5
6858 fruit juices	45	-	0	45
6861 sugar	166	-	-	166
6865 molasses	55	-	-	55
6871 coffee	0	-	0	-
6885 alcoholic beverages	18	-	18	0
6889 food products nec	182	-	161	21
6899 farm products nec	4	-	4	-
<b>All Manufactured Equip., Machinery &amp; Products</b>	650	-	444	207
7110 machinery (not elec)	3	-	3	0
7120 electrical machinery	1	-	1	1
7210 vehicles & parts	292	-	194	98
7220 aircraft & parts	0	-	0	0
7230 ships & boats	0	-	0	0
7400 manufac. wood prod.	34	-	28	6
7600 rubber & plastic pr.	0	-	0	0
7900 manufac. prod. nec	319	-	218	101
<b>Waste and Scrap Total</b>	1	-	-	1
8900 Waste and Scrap NEC	1	-	-	1
<b>Unknown or Not Elsewhere Classified Total</b>	0	-	0	-
9900 Unknown or NEC	0	-	0	-

Notes: Totals may not add due to rounding. Tonnage figures are rounded. A zero represents less than 500 tons but more than zero. Blanks mean zero tons. Commodity codes are standardized to reflect the Standard Industrial Trade Classification (SITC) Revision 3 commodity codes. Coastwise: Domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, (e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to 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 2005.

## 6.2.21

## KAHULUI HARBOR, PIER UTILIZATION FY 2005-06

Vessel 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:

- Three Home Ported Tugs included in above figures account for:

38 Visits

14,763 Hours in Port

388.5 Avg. Hours per visit

- Pilot Boat not included in above figures

12 Visits

8,697 Hours in Port

724.8 Average Hours per 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 2001. 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

	2002	2003	2004	2005	2006
<b>CUSTOMERS, DEC. 31</b>					
<i>Total</i>					
Maui Island	55,504	56,880	57,430	59,248	60,218
Moloka'i	2,960	3,017	3,018	3,085	3,099
Lāna'i	1,519	1,526	1,548	1,568	1,620
<b>Maui County</b>	<b>59,983</b>	<b>61,423</b>	<b>61,996</b>	<b>63,901</b>	<b>64,937</b>
<i>Residential<sup>1</sup></i>					
Maui Island	47,253	48,327	48,753	50,281	50,922
Moloka'i	2,416	2,464	2,472	2,504	2,531
Lāna'i	1,310	1,319	1,334	1,350	1,381
<b>Maui County</b>	<b>50,979</b>	<b>52,110</b>	<b>52,559</b>	<b>54,135</b>	<b>54,834</b>
<i>Other</i>					
Maui Island	8,251	8,553	8,677	8,967	9,296
Moloka'i	544	553	546	581	568
Lāna'i	209	207	214	218	239
<b>Maui County</b>	<b>9,004</b>	<b>9,313</b>	<b>9,437</b>	<b>9,766</b>	<b>10,103</b>
<b>GENERATING AND FIRM PURCHASED CAPABILITY, DEC. 31 (MW)</b>					
Maui Island	250.1	245.2	245.2	232.8	248.0
Moloka'i	12.0	11.8	11.8	11.8	11.8
Lāna'i	10.4	10.3	10.3	10.3	10.3
<b>Maui County</b>	<b>272.5</b>	<b>267.3</b>	<b>267.3</b>	<b>254.9</b>	<b>270.1</b>
<b>PEAK DEMAND (MW)<sup>2</sup></b>					
Maui Island	193.9	197.7	206.5	202.1	206.4
Moloka'i	6.6	6.5	6.7	6.3	6.2
Lāna'i	4.9	5.0	4.8	5.1	5.5
			218		
<b>POWER SOLD (1,000 kWh)</b>					
<i>Total</i>					
Maui Island	1,096,739	1,142,689	1,184,554	1,188,253	1,202,503
Moloka'i	34,942	35,894	35,344	35,918	35,273
Lāna'i	27,036	28,136	27,802	27,942	28,691
<b>Maui County</b>	<b>1,158,717</b>	<b>1,206,719</b>	<b>1,247,700</b>	<b>1,252,113</b>	<b>1,266,467</b>
<i>Residential</i>					
Maui Island	378,828	398,949	419,276	421,130	424,628
Moloka'i	12,439	13,048	13,413	13,012	12,717
Lāna'i	7,358	7,515	7,688	7,865	8,088
<b>Maui County</b>	<b>398,625</b>	<b>419,512</b>	<b>440,377</b>	<b>442,007</b>	<b>445,433</b>
<i>Other</i>					
Maui Island	717,911	743,741	765,268	767,123	777,875
Moloka'i	22,503	22,846	21,931	22,906	22,556
Lāna'i	19,678	20,621	20,114	20,077	20,603
<b>Maui County</b>	<b>760,092</b>	<b>787,208</b>	<b>807,313</b>	<b>810,106</b>	<b>821,034</b>



## 7.1.2

CONTINUED

	2002	2003	2004	2005	2006
<b>AVERAGE ANNUAL USE (kWh)<sup>3</sup></b>					
<i>Residential</i>					
Maui Island	8,017	8,255	8,600	8,376	8,339
Moloka'i	5,149	5,296	5,426	5,196	5,024
Lāna'i	5,617	5,697	5,763	5,826	5,857
<b>Maui County</b>	<b>7,819</b>	<b>8,050</b>	<b>n/a</b>	<b>n/a</b>	<b>na</b>
<i>Other</i>					
Maui Island	87,009	86,957	88,195	85,550	83,678
Moloka'i	41,366	41,312	40,166	39,425	39,711
Lāna'i	94,152	99,619	93,990	92,096	86,205
<b>Maui County</b>	<b>84,417</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	0.17119	0.18289	0.20817	0.24687	0.27784
Moloka'i	0.22173	0.22953	0.25741	0.30111	0.33955
Lāna'i	0.22445	0.23460	0.25149	0.30019	0.32505
<b>Maui County</b>	<b>0.17375</b>	<b>0.18527</b>	<b>na</b>	<b>n/a</b>	<b>na</b>
<i>Other</i>					
Maui Island	0.15684	0.16954	0.19296	0.23321	0.26349
Moloka'i	0.21110	0.22509	0.25543	0.29621	0.33543
Lāna'i	0.22480	0.23516	0.23959	0.29003	0.31364
<b>Maui County</b>	<b>0.16020</b>	<b>0.17287</b>	<b>na</b>	<b>n/a</b>	<b>na</b>
<b>REVENUES (\$1,000)</b>					
<i>Total</i>					
Maui Island	177,446	199,057	234,943	282,868	322,941
Moloka'i	7,508	8,137	9,054	10,703	11,884
Lāna'i	6,075	6,612	6,752	8,184	9,091
<b>Maui County</b>	<b>191,030</b>	<b>213,806</b>	<b>250,749</b>	<b>301,755</b>	<b>343,916</b>
<i>Residential</i>					
Maui Island	64,851	72,964	87,281	103,964	117,980
Moloka'i	2,758	2,995	3,453	3,918	4,318
Lāna'i	1,652	1,763	1,933	2,361	2,629
<b>Maui County</b>	<b>69,260</b>	<b>77,721</b>	<b>92,667</b>	<b>110,243</b>	<b>124,927</b>
<i>Other</i>					
Maui Island	112,596	126,093	147,662	178,904	204,961
Moloka'i	4,750	5,142	5,602	6,785	7,566
Lāna'i	4,424	4,849	4,819	5,823	6,462
<b>Maui County</b>	<b>121,769</b>	<b>136,085</b>	<b>158,083</b>	<b>191,512</b>	<b>218,989</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, 2002-2006.

## 7.1.3

**GAS UTILITIES, MAUI COUNTY***Excludes bottled gas*

	2001	2002	2003	2004	2005	2006
<b>Island of Maui</b>						
<b>Customers (December 31)</b>						
Residential <sup>1</sup>	329	325	321	317	321	319
Other	79	75	76	74	76	77
Total	408	400	397	391	397	396
<b>Gas Sold (1,000 therms)</b>						
Residential	77	68	69	69	74	76
Other	786	771	766	782	755	726
Total	863	839	836	850	829	802
<b>Average Annual Use (therms)</b>						
Residential	234	210	216	217	231	238
Other	9,947	10,281	10,081	10,561	9,934	9,429
<b>Average Rate (\$ per therm)<sup>2</sup></b>						
Residential	2.43086	2.71343	2.82044	2.91367	3.14865	3.34211
Other	1.45250	1.36960	1.51092	1.59858	1.87550	2.05510
<b>Revenues (\$1,000)</b>						
Residential	187	185	196	201	233	254
Other	1,141	1,056	1,158	1,249	1,416	1,492
Total	1,329	1,241	1,353	1,450	1,649	1,746
<b>Island of Moloka'i<sup>3</sup></b>						
<b>Customers (December 31)</b>						
Total/Residential	71	80	72	73	78	81
<b>Gas Sold (1,000 therms)</b>						
Total/Residential	15	14	15	14	14	14
<b>Average Annual Use (therms)</b>						
Total/Residential	205	117	202	185	179	173
<b>Average Rate (\$ per therm)</b>						
Total/Residential	2.62590	2.84208	3.00433	3.15372	3.35714	3.71429
<b>Revenues (\$1,000)</b>						
Total/Residential	38	40	44	43	47	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*

	2000	2001	2002	2003	2004
Asphalt and road oil	4,009.3	2,271.0	709.9	731.5	99.5
Aviation gasoline	226.3	243.8	88.6	77.4	199.7
Distillate fuel	29,672.3	35,180.4	47,099.5	46,782.6	50,293.8
Kerosene-type jet fuel	53,510.8	50,437.3	59,450.4	73,620.8	75,465.8
Naphtha-type jet fuel	0.0	0.0	0.0	0.0	0.0
Kerosene	1.3	0.9	0.7	0.9	0.8
Liquified petroleum gasses	2,027.4	2,102.2	2,782.4	1,786.3	1,672.9
Lubricants	595.7	545.8	539.3	498.6	505.1
Motor gasoline	48,397.8	50,587.3	54,261.1	55,176.6	56,012.2
Residual fuel	85,001.5	83,517.5	80,086.4	75,938.7	82,423.1
Other petroleum products <sup>1</sup>	11751.7r	14948.1r	14167.6r	15438.6r	15,183.8
<b>Subtotal petroleum products</b>	<b>235,194.0</b>	<b>239,834.4</b>	<b>259,185.8</b>	<b>270,052.1</b>	<b>282,556.6</b>
Geothermal energy	5,515.6	4,349.9	1,537.2	3,756.1	4,492.5
Solar thermal and photovoltaic energy	1,364.9	1,343.1	1,369.8	1,417.5	1,467.9
Wind energy	173.4	21.9r	16.4	16.1	75.1
<b>Subtotal geothermal, solar thermal, photovoltaic and wind energy</b>	<b>7,053.9</b>	<b>5,715.0r</b>	<b>2,923.4r</b>	<b>5,189.8</b>	<b>6,035.5</b>
Coal	17,653.7	17,773.8r	16,618.0r	19,255.5	19,253.7
Hydroelectric power	1055.4r	1041.1r	967.1	926.9	941.1
Natural gas	2,975.0	2,919.4	2,898.1	2,860.8	2,905.1
Wood and waste	15,193.5	11690.2r	9531.4r	11706.4r	11,760.9
<b>Total energy consumption</b>	<b>279,125.2</b>	<b>278,974.1r</b>	<b>292,123.8r</b>	<b>309,991.5r</b>	<b>323,452.7</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 2004.

## 7.1.5

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

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
	<b>NUMBER OF SERVICES</b>										
State Total	229,989	230,952	233,043	235,799	238,665	242,092	245,397	247,862	254,036	258,790	261,096
Maui County	27,918	28,306	28,720	29,333	29,750	30,414	31,021	31,680	32,344	33,123	33,675
Maui	26,409	26,795	27,205	27,809	28,217	28,872	29,451	30,102	30,751	31,510	32,045
Moloka'i	1,509	1,511	1,515	1,524	1,533	1,542	1,570	1,578	1,593	1,613	1,630
	<b>CONSUMPTION (million gallons)</b>										
State Total	75,389	71,810	73,301	76,631	76,401	78,748	77,868	80,735	78,245	77,171	80,106
Maui County	11,477	11,485	11,729	12,547	12,719	12,883	12,312	12,695	12,436	12,961	13,186
Maui	11,138	11,110	11,399	12,199	12,388	12,546	11,997	12,357	12,105	12,644	12,883
Moloka'i	339	330	369	348	331	337	315	338	331	317	303

SOURCE: County of Maui, Department of Water Supply, *Annual Report FY 2006*.

7.1.6

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

*in thousands of gallons*

Area	07/06	08/06	09/06	10/06	11/06	12/06	01/07	02/07	03/07	04/07	05/07	06/07	Prev. 12 months
<b>Central Maui</b>													
Groundwater-Īao	19,428	19,516	19,394	17,503	15,662	17,525	17,853	16,517	17,216	19,140	19,369	19,919	18,266
Īao Tunnel	1,704	1,808	1,749	1,733	1,906	1,857	1,918	1,812	1,786	1,737	1,717	1,686	1,784
Groundwater-Waihe'e	5,200	5,406	5,385	4,695	4,521	3,403	3,098	3,719	3,358	4,003	5,100	5,201	4,426
Surface Water	1,584	1,591	1,055	952	1,113	605	1,000	1,157	1,130	691	1,222	1,573	1,139
<b>Upcountry Maui</b>													
Surface Water	8,788	8,851	7,854	6,293	5,408	5,667	6,637	6,114	5,906	7,478	8,666	8,551	7,192
Groundwater	1,153	1,181	1,185	1,219	1,126	1,023	1,033	1,080	1,108	481	817	425	987
<b>West Maui</b>													
Surface Water	3,533	3,302	3,679	3,639	3,779	3,552	3,420	3,398	3,419	3,286	3,220	3,159	3,449
Groundwater	2,942	3,191	2,813	2,655	2,356	2,387	2,501	2,634	2,416	2,639	3,005	3,306	2,737
<b>East Maui</b>													
Groundwater	304	280	261	259	237	273	285	282	261	294	321	336	283
<b>Moloka'i</b>													
Groundwater	1,528	1,463	1,365	1,255	1,037	1,137	1,118	1,171	1,121	1,259	1,427	1,513	1,284
<b>TOTAL WATER PRODUCTION</b>	<b>46,165</b>	<b>46,588</b>	<b>44,741</b>	<b>40,202</b>	<b>37,143</b>	<b>37,428</b>	<b>38,863</b>	<b>37,884</b>	<b>37,720</b>	<b>41,008</b>	<b>44,864</b>	<b>45,669</b>	<b>41,547</b>

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

## 7.1.7

### WATER SYSTEM DEVELOPMENT FEE SCHEDULE

Effective July 29, 2002

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

Note: Fees do not include installation charges.

7.1.8

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

<b>District</b>	<b>5/8"</b>	<b>3/4"</b>	<b>1"</b>	<b>1-1/2"</b>	<b>2"</b>	<b>3"</b>	<b>4"</b>	<b>6"</b>	<b>8"</b>	<b>Total</b>
<b>Regular Rates</b>										
Wailuku	16,009	1,087	498	394	376	65	23	4	1	18,457
Makawao	8,530	308	169	74	27	14	3	1	0	9,126
Lahaina	2,609	185	124	122	120	26	6	1	0	3,193
Hāna	486	8	8	4	4	0	0	0	0	510
Moloka'i	1,517	40	31	15	18	2	0	1	0	1,624
Subtotal	29,151	1,628	830	609	545	107	32	7	1	32,910
<b>Agricultural Service Meters</b>										
Wailuku	24	5	9	2	2	2	1	0	0	45
Makawao	393	72	99	95	34	1	3	0	0	697
Lahaina	5	3	0	0	0	0	1	0	0	9
Hāna	6	0	2	0	0	0	0	0	0	8
Moloka'i	4	0	2	0	0	0	0	0	0	6
Subtotal	432	80	112	97	36	3	5	0	0	765
<b>Total</b>	<b>29,583</b>	<b>1,708</b>	<b>942</b>	<b>706</b>	<b>581</b>	<b>110</b>	<b>37</b>	<b>7</b>	<b>1</b>	<b>33,675</b>

SOURCE: County of Maui, Department of WaterSupply, *Annual Report FY 2006*.

## 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	2,601,122	\$156,848	\$0.060
Wailuku Agribusiness	509,781	235,924	0.463
Maui Land & Pine	779,097	46,566	0.060
Hawaiian Home Lands	13,736	30,673	2.233
R.W. Meyers	247	99	0.401
HC&S	0		
<b>Total</b>	<b>3,903,983</b>	<b>\$470,110</b>	<b>\$0.120</b>
<b>District</b>			
Wailuku	509,781	\$235,924	\$0.463
Kula	1,937,579	116,836	0.060
Makawao	645,895	38,948	0.060
Lahaina	779,097	46,566	0.060
Hāna	17,648	1,064	0.060
Moloka'i	13,983	30,772	2.201
<b>Total</b>	<b>3,903,983</b>	<b>\$470,110</b>	<b>\$0.120</b>
<b>Other Water</b>			
Wailuku - Wailuku Agri-business	391,974		
Wailuku - Hawaii Land & Farming	1,766,382		
<b>Total</b>	<b>2,158,356</b>		

SOURCE: County of Maui, Department of Water Supply, *Annual Report FY 2006*.



## 7.1.10

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

System	Services	Change from FY 2005	Consumption (1,000 gallons )	Change from FY 2005 (1,000 gallons)
<b>Wailuku District</b>				
Wailuku	5,689	296	1,303,985	2,035
Waihe'e	190	(1)	29,451	2,699
Waikapū	334	6	54,308	(986)
Wailuku Heights	487	2	86,437	5,672
Kahului	4,752	33	1,809,576	99,344
Pu'unēnē	11	(1)	37,249	13,238
Kihei	5,725	55	4,321,126	263,928
Mā'alaea	45	0	85,455	9,703
Mākena	195	(3)	224,534	(7,021)
Pā'ia-Kū'au	904	13	154,687	(13,626)
Spreckelsville	170	(2)	78,433	(1,865)
<b>Subtotal</b>	<b>18,502</b>	<b>398</b>	<b>8,185,241</b>	<b>373,121</b>
<b>Makawao District</b>				
Kokomo-Kaupakalua	1,235	71	176,445	(8,728)
Kuiaha	296	0	57,339	(1,999)
Ha'ikū-Pa'uwela	836	0	140,101	(7,537)
Makawao	2,015	10	347,767	(50,077)
Pukalani	2,072	7	364,340	1,491
Hāili'imaile	200	(5)	38,594	(750)
Upper Kula	1,956	21	490,633	2,583
Lower Kula	1,092	11	809,058	3,302
'Ulupalakua	82	0	60,706	3,458
Kula Agr. Park	39	0	220,901	(15,286)
<b>Subtotal</b>	<b>9,823</b>	<b>115</b>	<b>2,705,884</b>	<b>(73,543)</b>
<b>Lahaina District</b>				
Lahaina	1,980	6	849,042	38,850
Honokōwai	441	5	575,581	(111,000)
'Alaeloa	768	12	502,252	7,858
Honokōhau	13	0	1,098	(201)
<b>Subtotal</b>	<b>3,202</b>	<b>23</b>	<b>1,927,973</b>	<b>(64,493)</b>
<b>Moloka'i District</b>				
Kawela-Kaunakakai	1,146	14	226,897	(11,599)
'Ualapu'e	366	(1)	64,482	(1,645)
Kala'e	110	2	11,114	(801)
Hālawa	8	0	159	(259)
<b>Subtotal</b>	<b>1,630</b>	<b>15</b>	<b>302,652</b>	<b>(14,304)</b>
<b>Hāna District</b>				
Hāna	382	1	50,836	4,553
Nāhiku	37	0	4,183	(357)
Ke'anae	82	0	7,462	(206)
Kaupō	17	0	1,900	774
<b>Subtotal</b>	<b>518</b>	<b>1</b>	<b>64,381</b>	<b>4,764</b>

SOURCE: County of Maui, Department of Water Supply, *Annual Report FY 2006*.

7.1.11

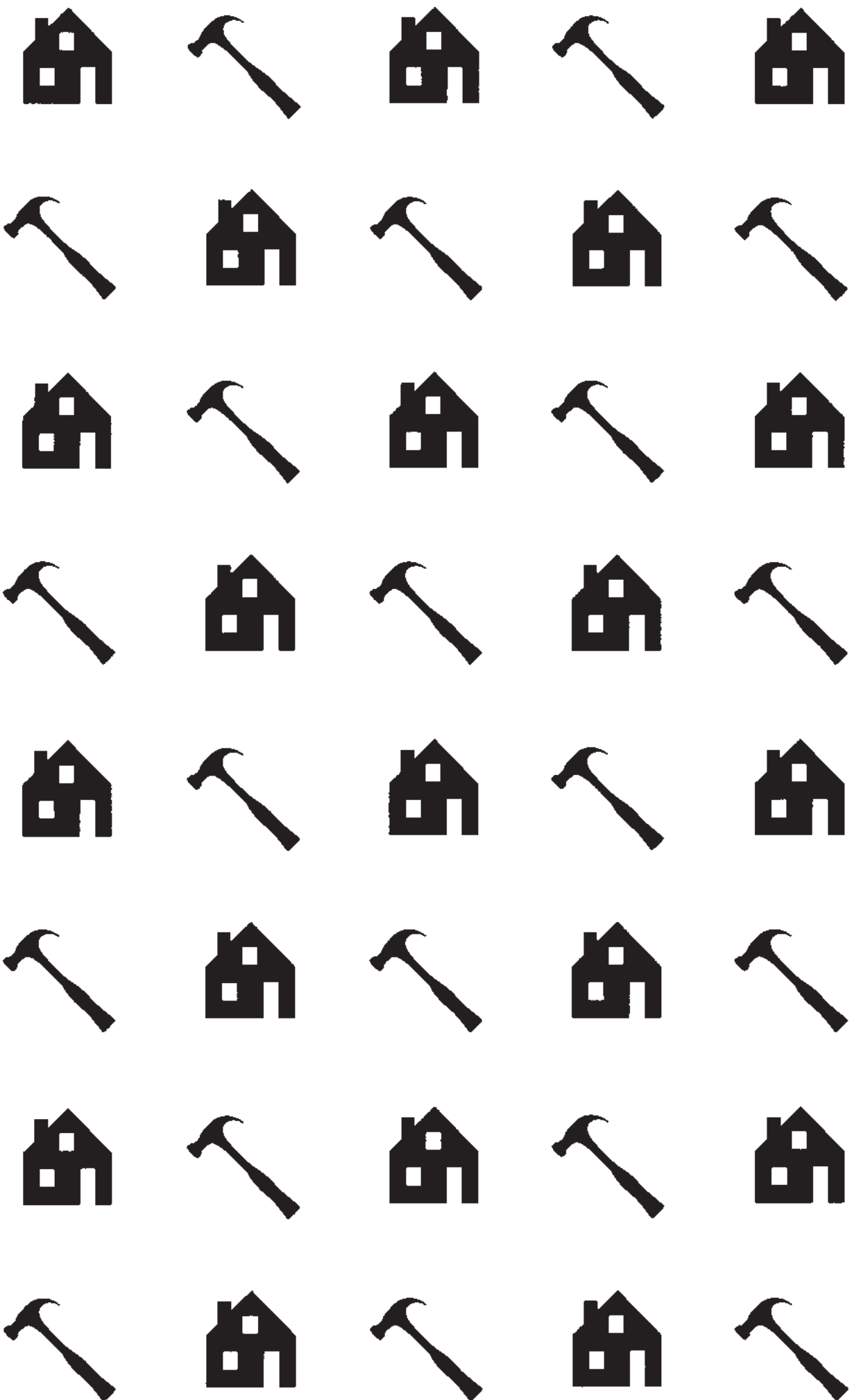
**WATER CONSUMPTION BY DISTRICT,  
MAUI COUNTY, FISCAL YEAR**

*1,000 gallons*

<b>Months</b>	<b>Total</b>	<b>Wailuku</b>	<b>Makawao</b>	<b>Kula</b>	<b>Lahaina</b>	<b>Moloka'i</b>	<b>Hāna</b>
<b>General</b>							
July-August	2,185,758	1,454,469	213,649	114,280	354,045	47,413	1,902
September-October	2,073,172	1,416,688	159,018	106,055	340,171	39,863	11,377
November-December	2,001,270	1,359,752	168,887	92,741	293,478	76,065	10,347
January-February	1,938,694	1,317,161	166,806	89,055	311,659	44,711	9,302
March-April	1,822,929	1,262,278	150,663	75,113	282,308	43,420	9,147
May-June	1,883,973	1,209,473	178,654	92,876	336,875	45,511	20,584
<b>Total</b>	<b>11,905,796</b>	<b>8,019,821</b>	<b>1,037,677</b>	<b>570,120</b>	<b>1,918,536</b>	<b>296,983</b>	<b>62,659</b>
<b>Agricultural</b>							
July-August	286,285	28,197	24,564	230,836	1,952	736	0
September-October	244,630	26,468	13,162	201,687	1,695	1,257	361
November-December	206,398	28,707	13,809	160,601	1,351	1,304	626
January-February	213,471	37,021	12,331	160,945	1,735	1,094	345
March-April	136,482	20,611	10,699	103,137	1,351	530	154
May-June	193,069	24,416	12,344	153,636	1,689	751	233
<b>Total</b>	<b>1,280,335</b>	<b>165,420</b>	<b>86,909</b>	<b>1,010,842</b>	<b>9,773</b>	<b>5,672</b>	<b>1,719</b>
<b>Grand Total</b>	<b>13,186,131</b>	<b>8,185,241</b>	<b>1,124,586</b>	<b>1,580,962</b>	<b>1,928,309</b>	<b>302,655</b>	<b>64,378</b>

SOURCE: County of Maui, Department of Water Supply, *Annual Report FY 2006*.

# 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 63,600 housing units on Maui of which around 28,300 (60%) are owner-occupied. 2,404 building permits were issued in 2006.

### 8.1.1

## NUMBER AND VALUE OF BUILDING PERMITS, MAUI COUNTY

*Ending December 31*

Year	Number Issued	Estimated Value (\$1,000)
1994	2,606	252,547
1995	2,030	253,805
1996	2,369	195,916
1997	2,254	193,129
1998	2,338	207,498
1999	2,365	250,486
2000	2,294	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

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	2001	2002	2003	2004	2005	2006
Residential	186,548	186,622	271,286	285,212	486,407	362,279
Hotel	34,000	0	0	43,000	131,924	400,142
Non-residential	52,619	38,384	150,423	58,757	101,858	117,57
Additions and alterations	39,570	48,710	47,568	61,862	111,227	99,421
<b>Total</b>	<b>312,737</b>	<b>273,716</b>	<b>469,277</b>	<b>448,831</b>	<b>831,416</b>	<b>979,412</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, 2006 records.

### 8.1.3

## PRIVATE RESIDENTIAL CONSTRUCTION AUTHORIZATIONS, MAUI COUNTY

	2002	2003	2004	2005	2006
<b>Authorized Housing Units (number)</b>					
New single-family units	787	877	1,104	967	1,008
New multi-family units	397	211	379	173	390
<b>Total</b>	<b>1,184</b>	<b>1,088</b>	<b>1,483</b>	<b>1,140</b>	<b>1,398</b>
<b>Permit Value (\$)</b>					
New single-family units	161,781,500	149,660,471	188,003,293	170,950,893	199,721,428
New multi-family units	24,705,968	16,235,608	31,176,018	53,158,528	38,868,559
<b>Total</b>	<b>186,487,468</b>	<b>165,896,079</b>	<b>219,179,311</b>	<b>224,109,421</b>	<b>238,589,987</b>

SOURCE: U.S. Census Bureau, Monthly New Privately-Owned Residential Building Permits, Maui County, 2002-2006.

### 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>
1996	608	7	16	109
1997	574	2	147	40
1998	563	438	40	42
1999	650	42	218	86
2000	842	24	245	37
2001	767	28	253	43
2002	807	36	371	34
2003	889	6	206	47
2004r	1,160	28	371	44
2005r	971	206	388	52
2006	1,083	44	304	47

r Revised from previous Data Book.

<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>	\$23.62	\$18.25	\$24.60	\$16.81	\$21.81	\$23.53
<b>Housing Cost</b>						
Two Bedroom FMR (2007) Income needed to afford 2 BR FMR	\$1,228	\$949	\$1,279	\$874	\$1,134	\$1,224
Full-time jobs at minimum wage <sup>6</sup> need to afford 2 BR FMR	\$49,120	\$37,960	\$51,160	\$34,960	\$45,360	\$48,940
	3.5	2.7	3.6	2.5	3.2	3.5
<b>Area Median Income (AMI)<sup>2</sup></b>						
Annual AMI	\$65,700	\$31,100	\$71,300	\$55,300	\$60,900	\$68,061
Rent affordable at AMI <sup>3</sup>	\$1,643	\$778	\$1,783	\$1,383	\$1,523	\$1,702
30% of AMI <sup>4</sup>	\$19,710	\$9,330	\$21,390	\$16,590	\$18,270	\$20,418
Rent affordable at 30% of AMI	\$493	\$233	\$535	\$415	\$457	\$510
<b>Renter Households</b>						
Number (2000)	18,489	115	130,217	18,819	7,817	175,457
% of total households (2000)	42%	100%	45%	36%	39%	44%
Estimated mean renter hourly wage (2005) <sup>5</sup>	\$11.43	n/a	\$11.69	\$9.85	\$9.79	\$11.36
Rent affordable at mean wage	\$594	n/a	\$608	\$512	\$509	\$591
Full time jobs at mean renter wage needed to afford 2 BR FMR	2.1	n/a	2.1	1.7	2.2	2.1

n/a: not applicable.

<sup>1</sup> FMR = Fair Market Rent (HUD, 2006; final as of October 1).

<sup>2</sup> AMI = Area Median Income (HUD, 2006)

<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 = \$6.75 at time of report.

SOURCE: National Low Income Housing Coalition, *Out of Reach 2006*.

### 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	NA
Westin Kā'anapali Ocean Resort Villas	Timeshare	258	NA
Honua Kai Project (Kaanapali)	Hotel Units & Townhouses	628 Hotel Units & 72 Townhouses	NA
Maui Lū Redevelopment	Timeshare	388	NA
12 Bedroom Bed & Breakfast Operation	Timeshare		N/A
Wailea MF-9 Project	Hotel	120	N/A
Hale Akua Shangrila	Health Retreat	12 Rooms	N/A

NA: Not Available

SOURCE: Hawai'i State Department of Business, Economic Development & Tourism, Research and Economic Analysis Division, 2006  
*Visitor Plant Inventory, Table 9.*

### 8.1.7

## AVERAGE WEEKLY WAGES FOR CONSTRUCTION INDUSTRIES, MAUI COUNTY - 2006

Industry	Number of Establishments	Average Employment	Total Wages	Average Weekly Wages
Construction	541	4,237	\$222,953,145	\$1,012
Construction of Buildings	192	1,471	\$75,464,886	\$987
Residential Building Construction	152	855	\$38,834,633	\$873
Nonresidential Building Construction	40	616	\$36,630,253	\$1,144
Heavy and Civil Engineering Construction	42	702	\$49,723,132	\$1,362
Utility System Construction	6	18	\$823,794	\$880
Land Subdivision	22	190	\$12,707,405	\$1,286
Specialty Trade Contractors	307	2,064	\$97,765,127	\$911
Building Foundation/Exterior Contractors	61	350	\$15,314,049	\$841
Building Equipment Contractors	102	770	\$37,899,092	\$947
Building Finishing Contractors	95	574	\$25,901,438	\$868
Other Specialty Trade Contractors	49	371	\$18,650,548	\$967

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 2006**

<b>Types of Permits</b>	<b>No. of Permits</b>	<b>No. of Units</b>	<b>Valuation</b>
Single Family, Detached	1,083	1,083	\$261,645,398.78
Two Family Buildings	22	44	\$19,096,000.00
Three and Four Family Bldgs.	26	174	\$35,820,298.00
Five or More Family Bldgs.	7	130	\$31,530,480.00
Hotels, Motels, & Tourist Cabins	7	223	\$400,141,663.00
Other Non-Housekeeping Shelter	5	416	\$11,146,000.00
Amusement, Social, and Recreational	4		\$9,804,084.00
Industrial	2		\$800,000.00
Parking Garages (Bldgs & Open Decked)	1		\$175,000.00
Hospital and Institutional	1		\$1,500,000.00
Offices, Banks, and Professional	8		\$19,645,000.00
Schools and Other Educational	4		\$950,000.00
Stores and Customer Services	15		\$17,126,341.00
Other Non-Residential Bldgs.	122		\$10,429,883.00
Structures other than Bldgs.	276		\$50,222,496.20
Residential - (Add, Alter, Convert)	563	18	\$40,350,928.00
Commercial - (Add, Alter, Convert)	135		\$59,005,074.80
Additions of Res Garages/Carport	123		\$6,917,534.00
Demo - Single Family Homes	47	47	\$299,900.00
Demo - All Other Bldgs. And Structure	47		\$4,795,732.00
Repairs to Dwellings	29		\$1,017,473.00
Repairs to Other Bldgs.	20		\$1,814,961.00
Relocate Residential Bldgs.	6	2	\$214,500.00
Relocate Garages and Other Bldgs.	2		\$120,000.00
Fences, Retaining Wall, Seawalls, etc.	194		\$12,473,682.17
Mechanical Work	1		\$1,200,000.00
Temporary Structures (Tents, Booths, etc.)	71		\$483,387.00
<b>TOTAL:</b>	<b>2,821</b>		<b>\$998,725,815.95</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*

<b>Establishment Type</b>								
<b>Location / Number</b>		<b>Location / Number</b>		<b>Location / Number</b>		<b>Totals</b>		
<b>Residential Building Construction (NAICS 2361---)</b>								
Ha'ikū	20	Lahaina	16	Kauankakai	1			
Hāna	2	Makawao	23	Kualapu'u	1			
Kahului	13	Pā'ia	3	Maunaloa	1	Maui subtotal	140	
Kihei	31	Wailuku	15	Lāna'i City	3	Total	146	
Kula		17						
<b>Nonresidential Building Construction (NAICS 2362---)</b>								
Ha'ikū	5	Kula	1	Wailuku	5			
Kahului	8	Lahaina	3	Kaunakakai	1	Maui subtotal	25	
Kihei	1	Makawao	2			Total	26	
<b>Utility System Construction (NAICS 2371---)</b>								
Ha'ikū	1	Kahului	3	Wailuku	3	Total	7	
<b>Land Subdivision (NAICS 2372---)</b>								
Kahului	1	Kula	1	Pā'ia	1			
Kihei	2	Makawao	1	Wailuku	2	Total	8	
<b>Highway, Street, and Bridge Construction (NAICS 2373---)</b>								
Kahului	1					Total	1	
<b>Other Heavy and Civil Engineering Construction (NAICS 2379---)</b>								
Kahului	2	Kihei	1			Total	3	
<b>Foundation, Structure, and Building Exterior Contractors (NAICS 2381---)</b>								
Ha'ikū	4	Kula	6	Pā'ia	1			
Kahului	8	Lahaina	5	Wailuku	14			
Kihei	13	Makawao	7			Total	58	
<b>Building Equipment Contractors (NAICS 2382---)</b>								
Ha'ikū	6	Kula	7	Wailuku	19			
Hāna	1	Lahaina	7	Ho'olehua	1			
Kahului	25	Makawao	9	Kaunakakai	1	Maui subtotal	95	
Kihei	20	Pā'ia	1	Lāna'i City	1	Total	98	
<b>Building Finishing Contractors (NAICS 2383---)</b>								
Ha'ikū	10	Kula	5	Pā'ia	1			
Kahului	12	Lahaina	11	Wailuku	12	Maui subtotal	79	
Kihei	17	Makawao	11	Kualapu'u	2	Total	81	
<b>Other Specialty Trade Contractors (NAICS 2389---)</b>								
Kahului	6	Lahaina	4	Wailuku	5			
Kihei	10	Makawao	6	Kaunakakai	2	Maui subtotal	33	
Kula	1	Pā'ia	1	Lāna'i City	1	Total	36	
							Grand Total	464

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

SOURCE: U.S. Department of Commerce, U.S. Census Bureau, *Zip Code Business Patterns 2005*.

8.1.10

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

*In thousands of dollars*

<b>Year</b>	<b>Maui County</b>	<b>Hawai'i County</b>	<b>Kaua'i County</b>	<b>City and County of Honolulu</b>	<b>State Total</b>
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*

2000 Characteristic	State Total	Hawai'i	Honolulu	Kaua'i	Maui <sup>1</sup>
<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
<b>All Housing Units</b>	56,377	62,178	63,610
Units in Structure			
1 unit, detached	31,593	35,127	36,031
1 unit, attached	3,497	2,650	4,455
2 to 4 units	2,887	3,287	3,764
5 to 9 units	7,191	5,224	3,796
10 or more units	11,058	15,844	15,551
Mobile home, boat, other	151	46	13
Median Number of Rooms	4.0	3.9	4.0
<b>Occupied Housing Units</b>			
Total	43,507	48,393	47,540
With 1.01 or more persons per room	7,166	n/a	n/a
<b>Vacant Housing Units</b>			
Total	12,870	13,785	16,070
For seasonal, recreational, or occasional use	9,746	11,093	9,122
Percent of All Vacant Units	75.7	80.5	56.8
Homeowner Vacancy Rate	1.2	0.8	1.6
Rental Vacancy Rate	7.2	3.2	14.0
<b>Owner-Occupied Housing Units</b>			
Total	25,039	28,476	28,300
Percent of All Occupied Units	57.6	58.8	59.5
Average Household Size	3.13	3.05	3.24
<b>Value of Specified Owner-Occupied Housing Units<sup>1</sup></b>			
Total	19,953	N	28,300
Less than \$100,000	794	N	584
\$100,000 to \$199,999	5,292	N	1,198
\$200,000 to \$299,999	7,455	N	1,776
\$300,000 to \$499,999	4,348	N	4,905
\$500,000 to \$999,999	1,511	N	16,019
\$1,000,000 or more	553	N	3,818
Median (dollars)	249,900	573,400	625,600
<b>Renter-Occupied Housing Units</b>			
Total	18,468	19,917	19,240
Average Household Size	2.62	2.59	2.5
<b>Gross Rent of Specified Renter-Occupied Units<sup>2</sup></b>			
Total	18,319	19,917	19,240
Less than \$300	1,055	418	632
\$300 to \$499	1,754	1,355	422
\$500 to \$749	4,829	2,761	1,848
\$750 to \$999	5,267	4,069	3,218
\$1,000 to \$1,499	3,109	5,627	6,983
\$1,500 or more	971	3,320	4,272
No cash rent	1,334	2,337	1,865
Median (dollars)	788	1,011	1,216

<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 and 2006 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
Kualapu'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>Kihei division</b>	<b>2,412</b>	<b>1,301</b>	<b>2.46</b>	<b>3.5</b>
Kihei 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

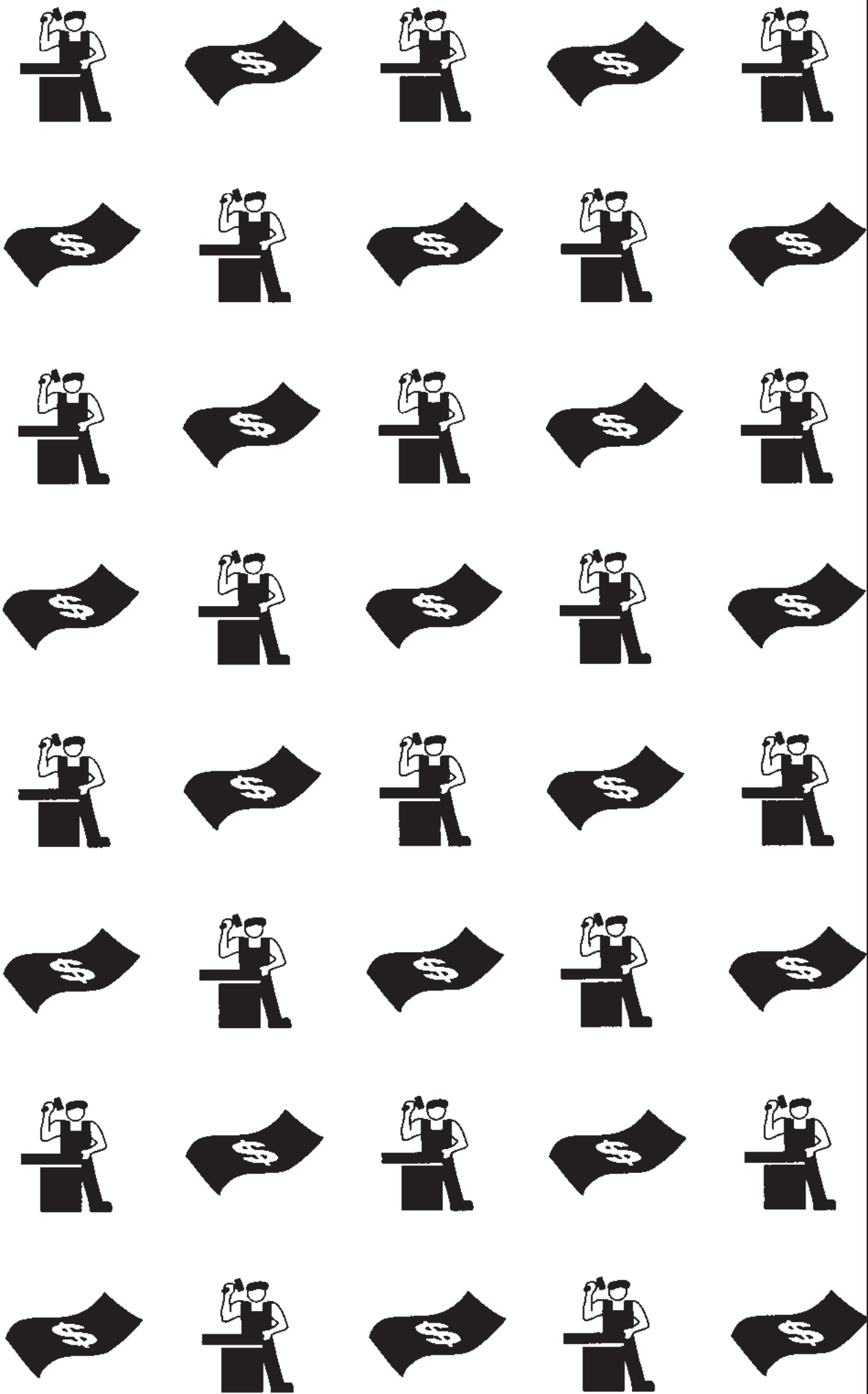
**SELECTED MONTHLY OWNER AND RENTER COST  
AS A PERCENTAGE OF HOUSEHOLD INCOME**

	1989	1999	2005	2006
<b>Owner</b>				
<b>Housing unit with a mortgage</b>	<b>15,800</b>	<b>14,131</b>	<b>19,578</b>	<b>19,627</b>
Less than 20.0 percent	9,286	8,636	4,495	3,895
20.0 to 24.9 percent	1,780	2,387	3,281	2,612
25.0 to 29.9 percent	1,400	2,060	2,306	2,483
30.0 to 34.9 percent	835	1,581	1,088	2,487
35.0 percent or more	2,427	5,201	8,313	7,837
Not computed	72	88	95	313
Median (dollars)	933	1,638	2,017	2,089
<b>Renter</b>				
<b>Renter-occupied units</b>	<b>13,808</b>	<b>18,319</b>	<b>19,917</b>	<b>19,240</b>
Less than 15.0 percent		3,254	2,978	1,995
15.0 to 19.9 percent	3,723/1	2,613	1,957	2,251
20.0 to 24.9 percent	1,717	2,291	2,573	2,086
25.0 to 29.9 percent	1,604	1,892	1,873	2,605
30.0 to 34.9 percent	1,073	1,342	2,578	1,201
35.0 percent or more	4,085	5,335	5,474	7,083
Not computed	1,606	1,592	2,484	2,019
Median (dollars)	722	788	1,011	1,216

<sup>1</sup> Combined with "Less than 15.0 percent."

SOURCE: U.S. Census Bureau, *Selected Housing Characteristics, 1990, 2000, and 2005*.

# 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 2006 was 77,100 and the number of employed was 75,350. The unemployment rate decreased 0.3% between 2005 and 2006.

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	9	1	—
Locations	13	1	—
Escrow Depository Companies			
Firms	7	—	—
Locations	19	—	—

SOURCE: Hawai'i State Department of Commerce and Consumer Affairs, Division of Financial Institutions, 2006 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					
	2002	2003	2004	2005	2006	2007
Hāna	3,995	4,092	4,658	4,914	5,137	5,026
Kahului	586,703	649,545	734,996	832,651	816,989	821,585
Kihei	226,882	279,988	344,705	365,722	374,961	370,017
Lahaina	276,877	301,879	348,892	375,810	421,793	413,579
Makawao/Pukalani	125,990	141,839	162,069	162,389	168,890	166,847
Pā'ia	30,576	37,727	41,200	46,438	43,262	44,698
Wailuku	219,942	225,810	257,771	288,056	305,453	300,497
Kaunakakai	49,839	50,869	60,911	61,417	66,279	65,544
Lāna'i City	26,214	26,935	27,153	27,753	32,385	41,090
<b>Total</b>	<b>1,547,018</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>

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 2006	Location	County Rank	State Rank	Assets (dollars)	Loans (dollars)	Members
Maui County Employees	Wailuku	1	13	157,116,712	105,165,004	11,404
Valley Isle Community	Kahului	2	16	71,486,593	31,216,810	8,880
Maui <sup>1</sup>	Kahului	3	23	50,924,298	16,812,927	6,487
Kahului	Kahului	4	28	43,994,850	15,493,716	4,860
Kula Community	Kahului	5	39	28,875,567	15,561,571	3,954
West Maui Community	Lahaina	6	42	26,203,279	3,874,554	2,327
Wailuku	Wailuku	7	43	25,826,803	11,490,340	3,637
Maui Teachers	Wailuku	8	46	24,105,440	2,402,034	1,689
Lāna'i	Lāna'i City	9	48	21,361,316	1,393,745	2,069
Moloka'i Community	Kaunakaka'i	10	59	14,047,257	8,995,043	3,767
Lahaina	Lahaina	11	76	6,823,915	2,764,805	2,121
Kūlia 'Ohana	Wailuku	12	81	4,501,949	3,071,289	1,032
First Hawaiian Homes	Ho'olehua	13	90	2,422,790	1,542,217	1,016
<b>Maui county Total</b>				<b>477,690,769</b>	<b>219,784,055</b>	<b>53,243</b>
<b>State Total</b>				<b>6,727,084,367</b>	<b>3,444,264,686</b>	<b>776,744</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 2006 (final)*.

### 9.1.4

## FEDERAL CREDIT UNION CHARACTERISTICS, MAUI COUNTY

	2003	2004	2005	2006
Number of Credit Unions	13	13	13	13
Total Members	49,390	50,334	52,025	53,243
Total Assets	\$425,246,021	\$467,795,551	\$480,164,613	\$477,690,769
Total Shares and Deposits	\$363,998,927	\$402,309,588	\$405,083,267	\$395,634,327
Number of Share and Deposit Accounts	62,842	65,189	68,256	71,787
Total Loans	\$129,863,704	\$145,766,480	\$185,757,186	\$219,784,055
Number of Loans	12,410	12,343	12,927r	14,981

SOURCE: National Credit Union Administration, *Call Report Data Files under FOIA (final), December 31, 2003, 2004, 2005, and 2006*.



## 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>					
1999	73,050	70,750	29,500	433,350	606,650
2000	71,300	74,200	30,350	433,100	609,000
2001	73,200	76,300	30,450	435,300	615,250
2002r	72,300	76,450	30,350	429,800	608,950
2003r	72,400	77,900	31,100	431,100	612,550
2004r	74,100	79,100	31,500	432,250	616,950
2005r	75,550	81,300	32,100	442,350	631,300
2006	77,100	83,650	32,550	450,150	643,500
<b>Employed</b>					
1999	69,350	65,250	27,450	414,300	576,300
2000	68,700	70,750	29,000	416,450	584,850
2001	70,300	72,500	28,950	417,500	589,200
2002r	69,500	72,950	29,050	412,900	584,350
2003r	69,700	74,300	29,900	415,000	588,900
2004r	71,850	76,050	30,450	418,800	597,150
2005r	73,600	78,650	31,250	430,750	614,300
2006	75,350	81,300	31,800	439,850	628,300
<b>Unemployment</b>					
1999	3,700	5,550	2,050	19,050	30,350
2000	2,600	3,500	1,350	16,700	24,150
2001	2,950	3,800	1,550	17,800	26,050
2002r	2,800	3,500	1,350	16,950	24,600
2003r	2,700	3,600	1,250	16,150	23,700
2004r	2,250	3,050	1,050	13,450	19,800
2005r	1,900	2,650	850	11,600	17,000
2006	1,750	2,350	750	10,300	15,200
<b>Percent Unemployed</b>					
1999	5.1	7.8	6.9	4.4	5.0
2000	3.7	4.7	4.5	3.9	4.0
2001	4.0	5.0	5.0	4.1	4.2
2002r	3.9	4.6	4.4	3.9	4.0
2003r	3.7	4.6	4.0	3.7	3.9
2004r	3.0	3.8	3.3	3.1	3.2
2005r	2.5	3.2	2.7	2.6	2.7
2006	2.3	2.8	2.3	2.3	2.4

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>				
1990	57,300	53,200	2,700	1,400
1991	60,350	56,250	2,600	1,550
1992	64,800	60,250	2,950	1,600
1993	65,500	61,150	2,850	1,550
1994	66,350	61,950	2,900	1,500
1995	67,250	62,550	3,000	1,650
1996	68,350	63,550	3,100	1,650
1997	69,950	65,400	2,850	1,700
1998	71,100	66,400	2,950	1,700
1999	73,050	68,250	3,000	1,800
2000	71,300	66,650	2,850	1,800
2001	73,200	68,750	2,550	1,800
2002r	72,300	68,100	2,450	1,750
2003r	72,400	68,250	2,450	1,650
2004r	74,100	69,900	2,550	1,650
2005r	75,550	71,300	2,550	1,700
2006	77,100	72,850	2,450	1,750
<b>Civilian Employment</b>				
1990	54,900	51,300	2,250	1,300
1991	57,100	53,350	2,350	1,450
1992	59,600	55,600	2,500	1,500
1993	62,000	58,000	2,600	1,400
1994	62,500	58,450	2,650	1,400
1995	62,600	58,350	2,700	1,600
1996	63,750	59,500	2,650	1,600
1997	65,200	61,100	2,500	1,600
1998	66,700	62,500	2,550	1,650
1999	69,350	65,000	2,600	1,700
2000	68,700	64,450	2,500	1,750
2001	70,300	66,250	2,250	1,750
2002r	69,500	65,550	2,300	1,650
2003r	69,700	65,850	2,200	1,650
2004r	71,850	67,950	2,300	1,600
2005r	73,600	69,600	2,350	1,650
2006	75,350	71,250	2,350	1,700

## 9.2.2

CONTINUED

	Maui County	Maui	Moloka'i	Lāna'i
<b>Civilian Unemployment</b>				
1990	2,400	1,900	450	50
1991	3,250	2,900	250	100
1992	5,200	4,650	450	100
1993	3,500	3,150	250	150
1994	3,850	3,500	250	100
1995	4,600	4,200	350	100
1996	4,600	4,050	450	100
1997	4,750	4,250	400	100
1998	4,350	3,900	400	50
1999	3,700	3,250	400	50
2000	2,600	2,200	350	50
2001	2,950	2,550	300	50
2002r	2,800	2,550	200	50
2003r	2,700	2,400	250	*
2004r	2,250	1,950	250	*
2005r	1,900	1,700	200	*
2006	1,750	1,600	100	*
<b>Unemployment Rate</b>				
1990	4.2	3.6	16.3	5.1
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
2002r	3.9	3.8	7.4	4.2
2003r	3.7	3.5	10.1	2.7
2004r	3.0	2.8	10.7	2.6
2005r	2.5	2.4	7.8	1.4
2006	2.3	2.2	5.0	1.8

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 - 2005 data reflect 2000-based geography, new model controls, 2000 Census inputs & methodological changes.

2000 - 2005 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, 2006	Civilian Labor Force	Employ- ed	Un- employed	PERCENT DISTRIBUTION			Unem- ployment Rate
				Civilian Labor Force	Employ- ed	Un- employed	
Both Sexes (incl. Hispanic)	77,100	75,350	1,750	100.0%	100.0%	100.0%	2.3%
White	30,700	30,050	650	39.8	39.9	37.0	2.1
Black/African American	300	300	*	0.4	0.4	0.3	1.7
American Indian/ Alaskan Native	350	300	*	0.4	0.4	0.7	4.0
Asian	22,350	22,050	300	29.0	29.3	17.4	1.4
Native Hawaiian/ Pacific Islander	7,250	6,850	350	9.4	9.1	20.7	5.0
Some other race	1,150	1,150	*	1.5	1.5	0.1	0.2
Two or more races	15,000	14,600	400	19.5	19.4	23.8	2.8
Minority Group	46,400	45,300	1,100	60.2	60.1	63.0	2.4
Hispanic or Latino	5,250	5,050	150	6.8	6.7	9.0	3.0
Females (incl. Hispanic)	36,150	35,400	750	100.0%	100.0%	100.0%	2.0%
White	13,700	13,400	300	37.8	37.8	39.9	2.1
Black/African American	100	100	*	0.3	0.3	0.7	4.4
American Indian/ Alaskan Native	150	150	*	0.4	0.4	0.9	4.6
Asian	11,050	10,950	100	30.5	30.9	12.8	0.9
Native Hawaiian/ Pacific Islander	3,400	3,250	150	9.5	9.2	23.1	5.0
Some other race	450	450	0	1.2	1.3	0.0	0.0
Two or more races	7,300	7,150	150	20.2	20.1	22.5	2.3
Minority Group	22,450	22,050	450	62.2	62.2	1.2	2.0
Hispanic or Latino	2,350	2,300	50	6.5	6.4	9.6	3.0
Females as a percent of both sexes							
both sexes	46.9%	47.0%	41.9%				

\* Less than 25

Note: Totals may not add due to rounding

Includes Kalawao County

SOURCE: Labor Force Estimates from 2006 Annual Local Area Unemployment Statistics (LAUS), based on 2000 Census.

## 9.2.4

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

Industry, 2006	Maui County	Maui	Moloka'i	Lāna'i
<b>TOTAL NONAGRICULTURAL</b>				
<b>WAGE &amp; SALARY JOBS</b>	69,700	66,150	1,900	1,650
<b>Total Private</b>	60,800	58,050	1,300	1,450
<b>Total Goods Producing</b>	5,700	5,500	100	100
<b>Natural Resources &amp; Mining &amp; Constr.</b>	4,200	4,000	50	100
<b>Special Trade Contractors</b>	2,050	2,050		
<b>Manufacturing</b>	1,500	1,450	*	*
Durable Goods	300	300		
Non-Durable Goods	1,150	1,150		
<b>Total Service-Providing</b>	64,000	60,650	1,800	1,550
<b>Private Service-Providing</b>	55,150	52,600	1,200	1,300
<b>Trade, Transportation &amp; Utilities</b>	14,350	13,900	350	150
Wholesale Trade	1,300	1,300	*	*
Retail Trade	9,550	9,250	200	100
Food & Beverage Stores	1,700	1,600	100	
Grocery Stores	1,450	1,350		
Clothing & Clothing Accessories	1,750	1,700		
General Merchandise	1,350	1,350		
Department Stores	900	900		
Transportation, Warehousing & Utilities	3,500	3,350	100	*
Air Transportation	1,050	1,000	*	*
<b>Information</b>	850	800	*	*
Telecommunications	400	400		
<b>Financial Activities</b>	3,000	2,800	100	100
Finance & Insurance	900	850	*	*
<b>Professional &amp; Business Services</b>	6,300	6,050	*	200
Professional, Scientific & Tech. Services.	1,450	1,450	*	*
Administrative & Support & Waste Mgmt.	4,400	4,350		
<b>Education &amp; Health Services</b>	5,600	5,200	350	*
Education Services	1,050	1,000		
Health Care & Social Assistance	4,550	4,150	350	*
<b>Leisure and Hospitality</b>	22,300	21,150	300	800
Arts, Entertainment & Recreation	2,350	2,250	*	100
Accommodation & Food Services.	19,950	18,950	300	750
Accommodation	11,750	10,950	150	650
Food Services and Drinking Places	8,200	8,000	150	50
Full-Service Restaurants	5,500	5,400	50	*
<b>Other Services</b>	2,750	2,650	100	*
<b>Total Government</b>	8,850	8,100	600	200
Federal Government	800	700	*	*
Department of Defense	*	*		
State Government	5,750	5,200	400	150
State Education (DOE & UH)	3,100	2,750	250	100
Local Government	2,350	2,150	150	*
<b>AGRICULTURE</b>	1,750	1,650	50	-

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		Statewide
		Estimated Employees	Annual Mean Wage	Annual Wage
1	Retail Salespersons	3,270	\$23,810	\$22,660
2	Waiters and Waitresses	3,180	\$26,080	\$23,310
3	Maids and Housekeeping Cleaners	2,800	\$27,300	\$26,030
4	Cashiers	2,100	\$21,650	\$20,100
5	Elementary School Teachers, Except Special Educ.	1,950	\$44,140	\$43,260
6	Landscaping and Groundskeeping Workers	1,650	\$27,100	\$25,970
7	Office Clerks, General	1,500	\$24,840	\$24,360
8	Janitors & Cleaners, Exc Maids & Housekeepng Clnrs	1,500	\$23,600	\$21,880
9	Maintenance and Repair Workers, General	1,280	\$34,900	\$35,920
10	Cooks, Restaurant	1,230	\$29,350	\$25,650

SOURCE: State of Hawai'i, Department of Labor and Industrial Relations, Research and Statistics Office, *Wages by Occupation, May 2006*.

## 9.2.6

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

Income (in Inflation-Adjusted Dollars) <sup>1</sup>	2005		2006	
	Households	Families	Households	Families
Total households	48,393	32,481	47,540	31,611
Less than \$10,000	2,105	604	3,106	1,230
\$10,000 to \$14,999	2,000	752	2,344	774
\$15,000 to \$24,999	3,819	1,798	3,578	2,280
\$25,000 to \$34,999	4,879	2,738	3,908	2,530
\$35,000 to \$49,999	8,800	5,984	6,781	4,101
\$50,000 to \$74,999	9,207	6,215	10,225	6,408
\$75,000 to \$99,999	7,385	6,235	6,978	5,759
\$100,000 to \$149,999	5,937	5,076	6,730	5,413
\$150,000 to \$199,999	2,349	1,407	1,787	1,267
\$200,000 or more	1,912	1,672	2,103	1,849
Median household/Family income (dollars)	\$57,573	\$67,156	\$58,771	\$70,069
Mean household/Family income (dollars)	\$73,938	\$83,859	\$76,642	\$89,025

<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, *2005 and 2006 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 2004

*All Claimants*

Characteristic	Maui/Lānaʻi Annual Average	Percent of Total	Molokaʻi Annual Average	Percent of Total
<b>TOTAL</b>	<b>892</b>	<b>100.0</b>	<b>122</b>	<b>100.0</b>
<b>SEX</b>				
Male	532	59.6	68	55.7
Female	360	40.4	53	43.4
<b>INDUSTRY</b>				
State	29	3.3	11	9.0
County	2	0.2	0	0.0
Agriculture	12	1.3	27	22.1
Mining	1	0.1	0	0.0
Utilities	1	0.1	0	0.0
Construction	217	24.3	25	20.5
Manufacturing	3	0.3	0	0.0
Wholesale	14	1.6	0	0.0
Retail Trades	50	5.6	4	3.3
Transportation/Warehousing	40	4.5	5	4.1
Information	13	1.5	0	0.0
Finance/Insurance	12	1.3	0	0.0
Real Estate/Rental	19	2.1	2	1.6
Professional/Scientific/Technical	49	5.5	5	4.1
Management	2	0.2	0	0.0
Admin-Waste-Mgmt	86	9.6	8	6.6
Education	6	0.7	1	0.8
Health/Social	36	4.0	9	7.4
Arts/Entertainment	22	2.5	0	0.0
Accommodation/Food	126	14.1	5	4.1
Other-Services	24	2.7	4	3.3
Public-Admin	0	0.0	0	0.0
Info. not available	128	14.3	17	13.9
<b>AGE</b>				
Under 22	16	1.8	3	2.5
22 to 24	40	4.5	8	6.6
25 to 34	200	22.4	25	20.5
35 to 44	245	27.5	33	27.0
45 to 54	253	28.4	27	22.1
55 to 64	120	13.5	18	14.8
65 and over	18	2.0	8	6.6



### 9.3.1

CONTINUED

Characteristic	Maui/Lānaʻi Annual Average	Percent of Total	Molokaʻi Annual Average	Percent of Total
<b>DURATION</b>				
1-4 weeks	347	38.9	43	35.2
5-14 weeks	329	36.9	45	36.9
15 and over	216	24.2	34	27.9
<b>OCCUPATION</b>				
Management	65	7.3	3	2.5
Business/Fin	8	0.9	1	0.8
Computer/Math	6	0.7	0	0.0
Architec/Engr	6	0.7	0	0.0
Life/Phys/SocSci	7	0.8	0	0.0
Community/SocSvc	15	1.7	2	1.6
Legal	1	0.1	0	0.0
Ed/Train/Libr	13	1.5	6	4.9
Arts/Entertain/Sports	12	1.3	0	0.0
HealthcarePractice	4	0.4	1	0.8
HealthcareSupport	12	1.3	1	0.8
ProtectiveSvc	13	1.5	2	1.6
Food Prep/Svc	78	8.7	5	4.1
Bldg/Grnd-Mntc	25	2.8	4	3.3
Pers-Care-Svc	24	2.7	3	2.5
Sales-Related	64	7.2	3	2.5
Ofc/Admin-Support	135	15.1	13	10.7
Farm/Fish/Forestry	13	1.5	29	23.8
Construction/Extrct	121	13.6	10	8.2
InstalRepair	18	2.0	4	3.3
Production	11	1.2	3	2.5
Trans/Moving	49	5.5	7	5.7
Info. not available	194	21.7	24	19.7
<b>ETHNICITY</b>				
American Indian	11	1.2	0	0.0
Chinese	11	1.2	3	2.5
Filipino	103	11.5	26	21.3
Japanese	53	5.9	4	3.3
Other Asians	16	1.8	2	1.6
Black	15	1.7	0	0.0
Hawaiian	155	17.4	65	53.3
Oth Pac Islander	27	3.0	0	0.0
White & Latino	373	41.8	10	8.2
Others	130	14.6	13	10.7
Info. not available	0	0.0	0	0.0

SOURCE: Research and Statistics Office, Hawaiʻi Department of Labor and Industrial Relations, Labor and Occupational Information Hawaiʻi (LOʻIHI), *The Characteristics of the Insured Unemployed in Hawaiʻi 2004*.

## 9.3.2

### LABOR FORCE STATUS AND EMPLOYMENT CHARACTERISTICS, MAUI COUNTY

LABOR FORCE STATUS	1990	2000	2005	2006
Persons 16 years and over	76,121	99,326	108,241	111,756
In labor force	55,169	66,307	77,738	76,72
Civilian labor force	55,112	66,219	74,976	76,670
Employed	53,618	62,935	74,330	74,528
Unemployed	1,494	3,284	3,335	2,142
Percent of Labor Force	2.7	5.0	4.4	2.8
Armed Forces	57	88	73	56
Not in labor force	20,952	33,019	30,503	35,030
Males 16 years and over	38,747	49,448	54,656	55,976
In labor force	30,411	35,349	41,558	40,902
Civilian labor force	30,354	35,261	40,263	39,818
Employed	29,479	33,352	39,105	39,330
Unemployed	875	1,909	2,380	1,363
Percent of Labor Force	2.9	5.4	5.9	3.4
Armed Forces	57	88	73	209
Not in labor force	8,336	14,099	13,098	15,074
Females 16 years and over	37,374	49,878	53,585	55,780
In labor force	24,758	30,958	36,180	35,824
Civilian labor force	24,758	30,958	34,713	34,357
Employed	24,139	29,583	35,225	35,045
Unemployed	619	1,375	955	779
Percent of Labor Force	2.5	4.4	2.8	2.3
Armed Forces	0	0	0	0
Not in labor force	12,616	18,920	17,405	19,956
Persons 16 to 19 years	4,861	6,843	6,271	6,632
Not enrolled in school and not high school graduate	532	539	n/a	na
Employed or in Armed Forces	328	2,476	2,890	2,468
Unemployed	60	463	643	314
Not in labor force	144	3,904	2,738	4,130

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 and 2006 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				
			Not in labor force	Total	Em- ployed	Unem- ployed	%Unem- ployed
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

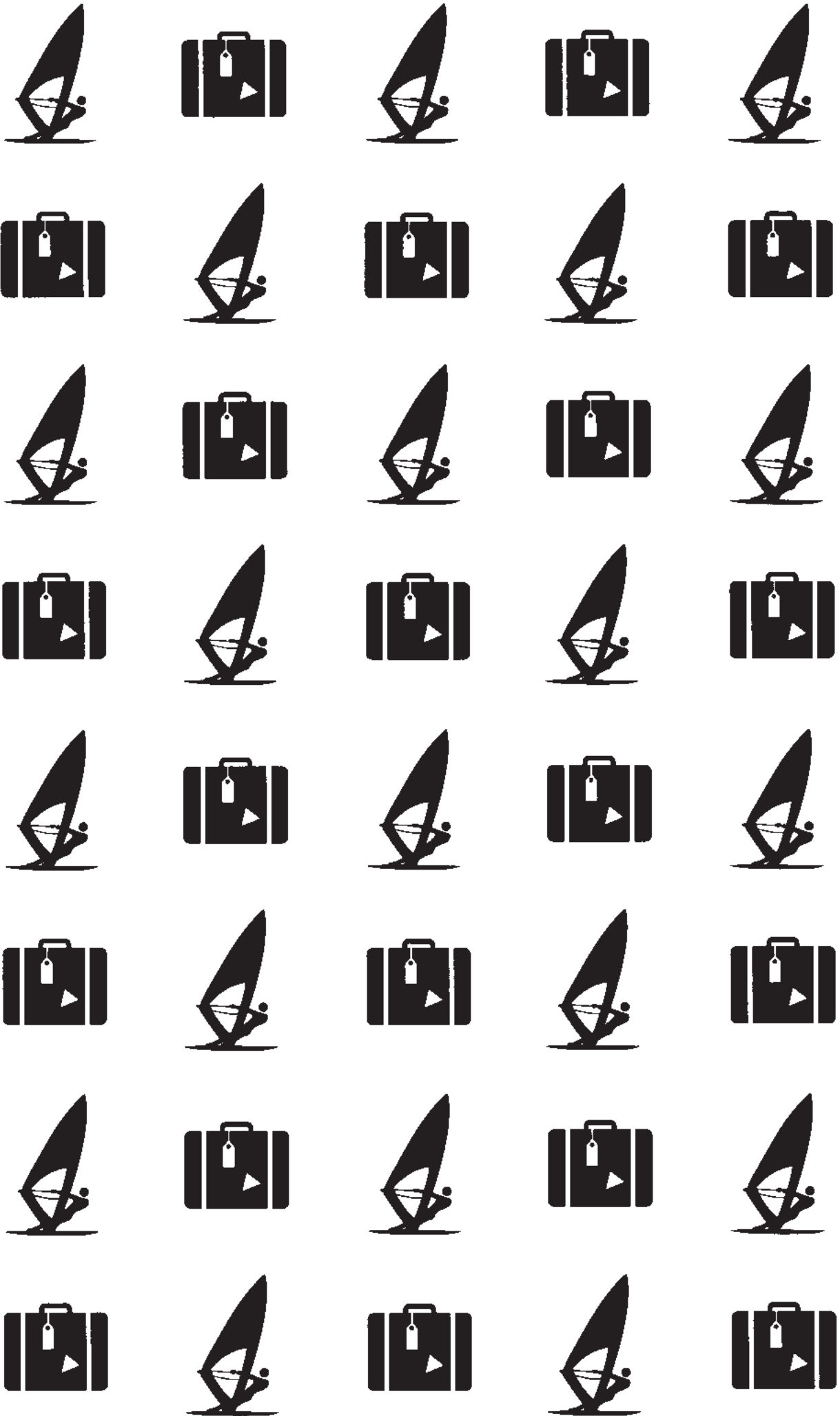
## WORKERS' COMPENSATION STATISTICS, MAUI COUNTY

	2001	2002	2003	2004	2005
<b>Maui</b>					
Reported	n/a	n/a	4,268	4,199	3,902
Processed	8,221	8,404	8,271	8,056	7,820
With Cost	6,188	6,327	6,164	5,997	6,119
Cost	\$32,267,244	\$34,599,512	\$37,315,910	\$35,256,200	\$38,787,726
Days Lost	149,270	161,207	164,844	162,782	145,594
<b>Moloka'i</b>					
Reported	n/a	n/a	145	129	95
Processed	345	297	293	269	238
With Cost	262	228	229	198	171
Cost	\$1,072,883	\$1,038,652	\$1,185,562	\$926,828	\$818,397
Days Lost	7,054	6,189	6,955	3,976	3,515
<b>Lāna'i</b>					
Reported	n/a	n/a	131	131	91
Processed	217	267	250	231	207
With Cost	162	210	207	171	170
Cost	\$1,062,817	\$1,120,767	\$1,004,263	\$1,065,661	\$941,527
Days Lost	5,370	5,122	4,492	4,756	4,185

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 2000, 2001, 2002, 2003, 2004*.



# 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*

2006	Maui	Moloka'i	Lāna'i	Total Maui County
<b>Total Visitors</b>				
January	191,710	8,259	6,919	197,696
February	186,034	7,104	7,127	190,854
March	206,980	5,861	7,168	211,401
April	191,321	6,877	6,238	195,177
May	178,524	5,215	5,335	182,195
June	237,339	6,509	7,606	241,433
July	244,111	7,612	9,031	248,814
August	220,072	6,150	7,737	224,400
September	179,673	5,152	6,122	182,750
October	195,595	12,831	14,061	198,775
November	180,758	5,497	6,508	184,713
December	214,279	7,936	9,320	219,108
<b>Total</b>	<b>2,426,395</b>	<b>85,003</b>	<b>93,171</b>	<b>2,477,316</b>
<b>Domestic Visitors</b>				
January	161,450	5,378	6,220	165,387
February	158,585	5,165	5,879	162,447
March	181,172	4,898	6,039	185,105
April	172,217	4,405	5,271	175,862
May	160,522	4,139	4,818	163,723
June	209,064	5,524	6,372	212,777
July	225,097	6,142	7,075	229,085
August	198,931	4,829	6,138	202,725
September	157,421	4,627	5,359	160,436
October	170,561	4,868	5,648	173,570
November	158,295	4,616	5,800	162,051
December	185,115	5,505	6,825	189,440
<b>Total</b>	<b>2,138,430</b>	<b>60,095</b>	<b>71,444</b>	<b>2,182,608</b>
<b>International Visitors</b>				
January	30,260	2,882	699	32,309
February	27,448	1,939	1,248	28,407
March	25,808	963	1,129	26,296
April	19,104	2,473	967	19,314
May	18,002	1,075	517	18,472
June	28,275	985	1,234	28,656
July	19,014	1,470	1,956	19,729
August	21,141	1,321	1,599	21,675
September	22,252	525	763	22,315
October	25,034	7,963	8,413	25,205
November	22,463	881	707	22,662
December	29,164	2,432	2,495	29,668
<b>Total</b>	<b>287,965</b>	<b>24,908</b>	<b>21,728</b>	<b>294,708</b>

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2006 Annual Visitor Research Report.

## 10.1.2

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

*Arrivals by Air*

	2001	2002	2003	2004	2005	2006
<b>Length of Stay (days)<sup>1</sup></b>						
<b>All Visitors</b>						
Maui	6.90	7.17	7.33	7.47	7.46	7.37
Moloka'i	4.32	4.64	3.67	4.28	4.25	3.98
Lāna'i	4.71	4.71	3.41	3.29	3.14	2.99
<b>Domestic</b>						
Maui	7.41	7.63	7.53	7.70	7.65	7.64
Moloka'i	5.03	5.47	4.06	4.68	4.77	4.77
Lāna'i	5.02	4.92	3.65	3.46	3.25	3.51
<b>International</b>						
Maui	4.83	4.89	6.00	5.83	5.91	6.18
Moloka'i	2.23	2.63	2.51	2.66	2.91	2.06
Lāna'i	2.85	3.88	2.44	2.24	2.31	1.27
<b>Average Daily Census (people)</b>						
<b>All Visitors</b>						
Maui	38,724	40,744	42,710	44,014	46,923	48,961
Moloka'i	831	955	947	844	855	927
Lāna'i	1,096	1,043	853	660	631	763
<b>Domestic</b>						
Maui	33,330	36,081	38,215	39,873	42,785	44,189
Moloka'i	721	797	786	741	765	785
Lāna'i	1,002	868	728	597	578	687
<b>International</b>						
Maui	5,394	4,662	4,495	4,140	4,138	4,773
Moloka'i	110	158	162	103	90	141
Lāna'i	95	175	126	63	53	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, 2006 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*

<b>Year</b>	<b>Maui County</b>	<b>Hawai'i County</b>	<b>Kaua'i County</b>	<b>Oahu</b>	<b>State Total</b>
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

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, 2006 *Annual Visitor Research Report*; "Historical Visitor Data."

### 10.1.4

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

*Arrivals by Air*

2006	Maui	Moloka'i	Lāna'i	Total Maui County	Total State
Albuquerque	6,185	178	198	6,286	16,541
Anchorage	7,469	410	121	7,741	21,967
Atlanta	20,847	627	877	21,269	51,869
Austin	8,555	223	360	8,776	21,992
Bakersfield	6,458	121	143	6,553	17,053
Bellingham	3,547	88	55	3,608	8,669
Boise	6,603	138	160	6,686	16,089
Boston	28,491	842	1,149	29,029	65,536
Charlotte	5,236	137	260	5,341	12,657
Chicago	63,348	1,484	2,278	64,367	126,514
Cincinnati	9,966	347	300	10,143	22,109
Cleveland	10,446	309	403	10,617	22,337
Colorado Springs	5,208	190	198	5,368	16,104
Columbus	6,934	287	242	7,078	15,297
Dallas	35,514	721	1,301	36,128	82,001
Denver	36,464	995	1,243	37,283	93,407
Detroit	22,987	607	789	23,275	46,496
Eugene	5,245	202	144	5,390	13,518
Fresno	9,847	248	257	9,984	25,077
Grand Rapids	4,764	161	185	4,834	9,773
Hartford	6,078	175	282	6,194	13,616
Houston	22,934	705	1,046	23,445	56,665
Indianapolis	8,051	230	331	8,209	16,626
Kansas City	10,907	254	471	11,062	25,525
Las Vegas	26,135	724	834	26,672	73,905
Los Angeles	317,520	6,628	9,258	324,057	855,095
Miami	10,610	334	477	10,746	23,107
Milwaukee	7,991	229	261	8,116	17,174
Minneapolis	26,151	651	812	26,724	60,946
Modesto	6,462	153	146	6,578	16,391

## 10.1.4

CONTINUED

2006	Maui	Moloka'i	Lāna'i	Total Maui County	Total State
Nashville	5,525	145	214	5,589	12,543
New York	77,859	2,095	3,334	79,445	169,198
Norfolk	4,527	179	203	4,623	17,543
Oklahoma City	4,695	152	201	4,806	12,042
Omaha	4,149	86	135	4,236	10,015
Orlando	7,698	213	403	7,820	18,010
Philadelphia	21,315	697	856	21,828	47,219
Phoenix	59,992	1,329	1,886	60,974	148,782
Pittsburgh	7,195	225	299	7,284	15,832
Portland	50,339	1,711	1,373	51,745	126,645
Provo	5,510	145	155	5,588	17,879
Raleigh	5,206	162	228	5,319	12,992
Reno	8,215	191	197	8,376	20,529
Sacramento	52,701	1,053	1,162	53,551	126,603
Saint Louis	13,473	346	494	13,657	29,701
Salinas	5,455	229	141	5,610	15,936
Salt Lake City	22,782	597	537	23,164	61,902
San Antonio	5,549	180	264	5,705	17,497
San Diego	68,158	1,730	2,142	69,825	182,576
San Francisco	216,981	5,118	6,544	222,344	603,931
San Luis/Obispo	5,599	239	155	5,796	15,040
Santa Barbara	8,005	288	270	8,285	23,602
Seattle	96,189	2,548	2,013	98,268	244,849
Spokane	6,247	135	128	6,344	15,701
Stockton	9,929	269	249	10,128	24,097
Tampa	8,711	318	446	8,900	20,276
Tucson	9,011	289	310	9,251	25,018
Tulsa	3,683	95	116	3,725	8,901
Washington D.C.	38,185	1,325	1,714	39,137	116,486
<b>Top US MSAs as percent of total Visitors</b>	<b>65.1</b>	<b>47.6</b>	<b>54.5</b>	<b>65.1</b>	<b>54.0</b>

Note: MSAs - Metropolitan Statistical Areas.

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2006 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
2001	418,518	1,685,960	41,288
2002	369,323	1,770,103	58,853
2003	296,273	1,900,174	43,514
2004	270,029	1,937,797	69,427
2005	265,749	2,080,731	43,514
2006	294,708	2,182,608	89,820

<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, 2006 Annual Visitor Research Report; "Historical Visitor Data."

## 10.1.6

### NATION OF RESIDENCE OF VISITORS TO MAUI COUNTY

*Arrivals by Air*

2006 MMA <sup>1</sup>	MAUI			MOLOKA'I			LĀNA'I		
	Domestic	International	Total	Domestic	Int'l.	Total	Domestic	Int'l.	Total
<b>Total</b>	2,138,430	287,965	2,426,395	60,095	24,908	85,003	71,444	21,728	93,171
<b>U.S.</b>	1,987,912	16,501	2,004,413	54,554	1,401	55,955	65,379	1,956	67,335
<b>Canada</b>	42,921	89,982	132,903	1,223	2,741	3,965	1,686	3,332	5,018
<b>Asia</b>									
China	2,587	2,548	5,135	170	427	598	109	364	473
Hong Kong	342	912	1,254	11	0	11	12	0	12
Japan	767	93,942	94,709	14	3,912	3,926	12	1,755	1,767
Korea	1,334	8,527	9,861	52	593	645	26	762	788
Singapore	223	0	223	8	0	8	16	0	16
Taiwan	453	2,215	2,668	17	398	415	20	44	64
<b>Total Asia</b>	5,706	108,144	113,850	272	5,330	5,603	195	2,925	3,120
<b>Oceania</b>									
Australia	3,007	22,754	25,761	77	2,841	2,917	65	3,192	6,257
New Zealand	688	3,370	4,058	19	212	231	30	242	273
<b>Total Oceania</b>	3,695	26,123	29,819	96	3,053	3,148	95	3,435	3,530
<b>Europe</b>									
United Kingdom	14,629	1,238	15,867	570	29	599	763	84	847
Germany	10,660	685	11,346	500	25	525	376	25	401
France	2,351	134	2,485	98	0	98	79	0	79
Italy	3,419	152	3,571	141	0	141	135	0	135
Switzerland	2,788	329	3,117	154	0	154	143	0	143
<b>Total Europe</b>	33,848	2,537	36,386	1,463	54	1,517	1,496	109	1,605
<b>Latin America</b>									
Argentina	1,119	0	1,119	30	0	30	36	0	36
Brazil	2,186	65	2,251	110	0	110	121	0	121
Mexico	3,783	0	3,783	142	0	142	163	0	163
<b>Total Latin America</b>	7,088	65	7,153	281	0	281	320	0	320
<b>Other Foreign</b>	57,260	44,613	101,873	2,206	12,329	14,535	2,272	9,972	12,244
<b>Total Foreign</b>	150,518	271,464	421,984	5,541	23,507	29,049	6,064	19,773	25,837

<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, 2006 Annual Visitor Research Report.

## 10.1.7

### TOTAL AIR SEATS OPERATED TO KAHULUI AIRPORT

	2002	2003	2004	2005	2006
<b>TOTAL SEATS</b>	<b>1,326,429</b>	<b>1,480,866</b>	<b>1,631,999</b>	<b>1,894,234</b>	<b>1,993,762</b>
Scheduled Seats	1,283,488	1,444,386	1,590,819	1,852,814	1,954,782
Charter seats	42,941	36,480	41,180	41,420	38,980
<b>DOMESTIC SEATS</b>	<b>1,275,107</b>	<b>1,421,582</b>	<b>1,594,958</b>	<b>1,821,553</b>	<b>1,890,534</b>
Scheduled Seats	1,232,166	1,385,102	1,553,778	1,780,133	1,851,554
Charter seats	42,941	36,480	41,180	41,420	38,980
<b>US West</b>	1,089,402	1,187,910	1,324,702	1,458,103	1,581,804
Anchorage				15,680	12,54
Burbank		38,316	32,984	11,408	
Las Vegas			124		49,684
Los Angeles	538,798	562,663	545,667	527,885	553,026
Oakland	45,880	45,260	50,318	82,199	91,860
Orange County	45,260	45,260	45,384	62,744	45,260
Phoenix	22,728	22,282	21,599	61,635	144,719
Portland		37,260	48,530	38,620	53,328
Sacramento			14,136	45,012	45,260
Salt Lake City				70,131	94,050
San Diego		11,730	22,578	65,500	98,852
San Francisco	314,676	299,375	339,336	338,427	247,309
San Jose	52,976	45,584	47,956	6,574	
Seattle	69,084	80,180	156,090	132,288	145,912
<b>US East</b>	<b>142,764</b>	<b>197,192</b>	<b>229,076</b>	<b>322,030</b>	<b>269,750</b>
Atlanta			574	2,448	33,426
Chicago		57,077	81,957	174,886	145,889
Dallas	72,427	88,313	77,573	77,018	78,659
Houston		36,374	68,972	67,678	11,776
St. Louis	70,337	15,428			
<b>INTERNATIONAL SEATS</b>	<b>51,322</b>	<b>59,284</b>	<b>37,041</b>	<b>72,681</b>	<b>103,228</b>
Scheduled Seats	51,322	59,284	37,041	72,681	103,228
Charter seats	NA	NA	NA	NA	NA
<b>Canada</b>	51,322	59,284	37,041	72,681	103,228
Calgary	1,782	9,894		980	11,799
Edmonton	594	3,378			513
Vancouver	48,946	46,012	37,041	71,701	90,916

NA: Not available

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2006 Annual Visitor Research Report.

## 10.1.8

### HOTEL OCCUPANCY RATES, MAUI ISLAND

Month	2000	2001	2002	2003	2004	2005	2006
January	73.2	77.9	66.2	72.4	78.20	78.70	79.50
February	90.3	85.2	78.3	79.9	83.10	85.90	86.10
March	89.0	84.9	77.8	78.4	83.60	86.20	83.80
April	82.7	77.7	72.7	74.1	80.60	77.40	80.40
May	78.5	72.4	68.3	71.8	76.50	78.60	80.00
June	79.7	75.7	75.2	75.3	79.30	83.80	81.80
July	84.8	80.6	78.8	83.8	82.40	84.90	85.10
August	83.2	80.3	81.4	84.2	82.90	81.80	84.40
September	77.6	58.1	64.6	67.1	73.00	75.40	76.70
October	78.1	60.9	68.1	70.2	74.60	77.00	77.50
November	78.0	64.9	62.2	67.6	70.70	73.20	72.20
December	68.8	58.0	62.5	70.6	69.10	71.50	72.10
<b>TOTAL</b>	<b>80.3</b>	<b>73.0</b>	<b>71.0</b>	<b>74.8</b>	<b>77.80</b>	<b>79.60</b>	<b>80.00</b>

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2006 Annual Visitor Research Report.

10.2.1

**PKF-HAWAII'  
OCCUPANCY AND ROOM RATES,  
FOOD AND BEVERAGE SALES,  
ISLANDS OF MAUI AND MOLOKA'I**

*Includes condominium units in rental pools for transient occupancy*

Year	Percent Occupied	Average Daily Room Rate	Average Revenue per Available Room	Average Daily Sales Per Guest		
				Food	Beverage	Food Sales Per Cover
<b>Maui</b>						
1995	73.53	144.36	106.15	25.72	7.23	15.99
1996	73.37	155.54	114.11	26.32	7.56	17.09
1997	71.58	156.37	111.93	26.92	7.94	17.11
1998	72.81	161.40	117.52	27.12	8.23	17.75
1999	77.25	167.08	129.06	28.62	9.05	19.16
2000	80.11	189.78	152.04	30.52	10.09	20.10
2001	74.50	210.29	156.66	27.68	8.59	18.78
2002	72.41	205.90	149.10	29.35	9.20	19.44
2003	75.71	212.06	160.54	30.79	10.34	20.31
2004	77.60	240.10	186.33	33.22	11.94	21.35
2005	79.98	256.07	204.80	33.40	11.70	22.36
<b>Moloka'i</b>						
1995	37.47	71.85	26.92	42.40	15.26	10.00
1996	39.00	74.44	29.03	56.65	17.14	10.64
1997	40.42	74.02	29.92	47.17	17.31	10.04
1998	44.18	78.43	34.65	36.62	11.33	10.76
1999	41.08	74.54	30.62	NA	NA	NA
2000	42.72	79.77	34.07	NA	NA	NA
2001	47.36	92.09	43.62	NA	NA	NA
2002	50.58	93.67	47.38	NA	NA	NA
2003	51.19	96.83	49.57	NA	NA	NA
2004	59.94	108.21	64.86	NA	NA	NA
2005	59.59	119.94	71.48	NA	NA	NA

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

SOURCE: PKF-Hawaii LLP, Trends in the Hotel Industry, Hawaii, December 2005, and records.



## 10.2.2

### PKF-HAWAII' TRENDS IN THE HOTEL INDUSTRY, MAUI COUNTY

2005	Total Maui	Kā'anapali	West Maui	Other	Moloka'i
<b>Room Sales for the Total Market</b>					
Percent Occupied	79.98	82.58	78.62	78.92	59.59
Average Daily Room Rate	256.07	201.09	212.84	316.96	179.94
Revenue / Available Room	204.80	166.06	167.34	250.14	71.48
<b>Room Sales for the Hotel Market</b>					
Percent Occupied	84.01	86.06	78.93	83.82	59.93
Average Daily Room Rate	298.35	184.49	230.04	419.98	137.36
Revenue / Available Room	250.65	158.77	181.86	352.01	82.32
<b>Room Sales for the Resort Condo Market</b>					
Percent Occupied	74.36	72.02	78.46	72.05	59.19
Average Daily Room Rate	189.58	261.32	203.34	148.86	98.23
Revenue / Available Room	140.98	188.20	159.54	107.25	58.14
<b>Food Sales for the Total Market</b>					
Average Daily Food per Guest	33.40	20.66	39.46	42.24	NA
Average Daily Beverage per Guest	11.70	6.19	13.68	15.69	NA
Average Food Sales Per Cover	21.35	15.03	27.44	24.28	NA

SOURCE: PKF-Hawaii LLP, *Trends in the Hotel Industry, Hawaii, December 2005.*

## 10.2.3

### PKF-HAWAII' QUALITY AND SIZE REPORT, MAUI COUNTY

2005	Maui					Moloka'i
<b>Room Quality</b>	Luxury	First Class	Deluxe	Standard	Budget	Standard
Percent Occupied	79.76	72.45	78.41	66.01	NA	60.77
Average Daily Room Rate	344.52	164.52	130.51	89.66	NA	119.94
Revenue / Available Room	272.80	131.83	106.49	72.72	NA	55.75
<b>Number of Rooms on Property</b>	Under 100	100 - 200	201 - 350	351 - 500	Over 500	Under 100
Percent Occupied	59.39	77.64	74.73	84.87	86.39	59.59
Average Daily Room Rate	214.27	173.08	243.71	346.79	272.07	119.94
Revenue / Available Room	127.25	134.39	182.12	294.33	235.04	71.48

SOURCE: PKF-Hawaii LLP, *Trends in the Hotel Industry, Hawaii, Quality and Size Report, December 2005.*

## 10.2.4

### HOSPITALITY ADVISORS LLC HAWAI'I HOTEL FLASH REPORT, MAUI ISLAND

2006	Occupancy	Average Daily Rate	Revenue per Available Room
<b>Total Maui</b>	<b>80.00%</b>	<b>241.08</b>	<b>192.86</b>
<b>By Area</b>			
Wailea	73.90%	386.53	285.62
Lahaina/Kā'anapali/Kapalua	82.50%	232.05	191.44
Other Maui	77.30%	251.35	194.29
<b>By Price</b>			
Luxury	77.90%	364.34	283.82
Upscale	77.30%	218.44	168.85
Midprice	84.20%	145.72	122.70
Economy/Budget	81.40%	117.45	95.60

SOURCE: Hospitality Advisors LLC, *Hawai'i Hotel Flash Report, December 2006.*

## 10.2.5

### VISITOR PLANT INVENTORY BY ISLAND AND PRICE, MAUI COUNTY

Class (Price per Night)	2004			2005		
	Units	% of Total	Properties	Units	% of Total	Properties
<b>Maui</b>						
Budget: \$100 or less	2,111	11.8%		n/a	12.0%	
Standard: \$101 to \$250	5,895	33.1%		n/a	31.3%	
Deluxe: \$251 to \$500	6,806	38.2%		n/a	36.7%	
Luxury: Over \$500	3,017	16.9%		n/a	20.0%	
All levels	17,830	100.0%	271	n/a	100.0%	271
<b>Moloka'i</b>						
Budget: \$100 or less	213	50.0%		n/a	51.2%	
Standard: \$101 to \$250	144	34.0%		n/a	32.4%	
Deluxe: \$251 to \$500	67	15.8%		n/a	16.3%	
Luxury: Over \$500	1	0.2%		n/a	0.0%	
All levels	425	100.00%	33	n/a	100.0%	32
<b>Lāna'i</b>						
Budget: \$100 or less	6	1.7%		n/a	0.8%	
Standard: \$101 to \$250	12	3.2%		n/a	3.5%	
Deluxe: \$251 to \$500	160	43.3%		n/a	43.6%	
Luxury: Over \$500	191	51.8%		n/a	52.0%	
All levels	369	100.0%	7	n/a	100.0%	6

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, *2006 Visitor Plant Inventory.*

## 10.2.6

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

	2002		2003		2004		2005		2006	
	Prop- erties	Available Units	Prop- erties	Available Units	Prop- erties	Available Units	Prop- erties	Available Units	Prop- erties	Available Units
<b>Maui</b>										
Apartment/Hotel	7	103	6	69	8	45	6	45	5	37
Bed & Breakfast	23	113	22	110	27	144	29	116	30	122
Hostel	2	30	2	30	2	30	3	37	3	37
Hotel	29	8,413	29	8,379	31	8,065	29	7,974	27	7,595
Condominium										
Hotel	102	7,548	106	7,955	114	7,085	112	7,509	114	7,830
Individual										
Vacation Unit	63	584	63	638	90	549	72	570	71	495
Timeshare	–	–	–	–	–	1,512	15	1,852	16	1,959
Other	16	613	19	730	16	387	15	366	15	366
<b>Total</b>	<b>242</b>	<b>17,404</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>Moloka'i</b>										
Bed & Breakfast	1	1	2	3	3	3	2	3	2	3
Hotel	1	45	1	45	2	114	3	141	3	141
Condominium										
Hotel	4	101	6	159	6	140	6	259	6	259
Individual										
Vacation Unit	2	66	17	26	22	31	23	30	22	29
TimeShare	–	–	–	–	–	7	0	15	0	15
Other	2	7	2	66	1	4	1	4	1	4
<b>Total</b>	<b>10</b>	<b>220</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>Lāna'i</b>										
Apartment/Hotel	–	–	–	–	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	362
Individual										
Vacation Unit	2	3	2	3	2	3	2	3	1	1
TimeShare	–	–	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–	–	–
<b>Total</b>	<b>6</b>	<b>368</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>

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, 2006 Visitor Plant Inventory.

## 10.2.7

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

2006 Island/Area/Type	Properties	Available Units
<b>Maui Island</b>	<b>281</b>	<b>18,441</b>
<b>Hāna</b>	<b>32</b>	<b>198</b>
Bed & Breakfast	3	3
Hotel	2	95
Individual Vacation Unit	22	66
TimeShare	1	17
Other	4	17
<b>Kahului-Wailuku</b>	<b>13</b>	<b>529</b>
Apartment/Hotel	1	2
Bed & Breakfast	1	10
Hostel	3	37
Hotel	4	458
Individual Vacation Unit	3	7
Other	1	15
<b>Kula-Makawao</b>	<b>34</b>	<b>108</b>
Apartment/ Hotel	1	9
Bed & Breakfast	9	33
Hotel	1	8
Individual Vacation Unit	21	46
Other	2	12
<b>Lahaina-Kā'anapali-Nāpili-Kapalua</b>	<b>95</b>	<b>9,599</b>
Apartment/ Hotel	2	21
Bed & Breakfast	10	53
Condominium Hotel	54	4,123
Hotel	9	3,613
Individual Vacation Unit	8	94
TimeShare	9	1,423
Other	3	272
<b>Mā'alaea</b>	<b>8</b>	<b>282</b>
Condominium Hotel	8	282
<b>Wailea-Kihei</b>	<b>99</b>	<b>7,725</b>
Apartment/ Hotel	1	5
Bed & Breakfast	7	23
Condominium Hotel	52	3,425
Hotel	11	3,421
Individual Vacation Unit	17	282
TimeShare	6	519
Other	5	50
<b>Moloka'i</b>	<b>34</b>	<b>451</b>
Bed & Breakfast	2	3
Condominium Hotel	6	259
Hotel	3	141
Individual Vacation Unit	22	29
TimeShare	0	15
Other	1	4
<b>Lāna'i</b>	<b>6</b>	<b>367</b>
Apartment/Hotel	1	1
Bed & Breakfast	1	3
Hotel	3	362
Individual Vacation Unit	1	1

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2006 Visitor Plant Inventory.

## 10.2.8

### VISITOR PLANT INVENTORY, MAUI COUNTY

Year	Available Units
1970	2,743
1971	3,695
1972	4,095
1973	4,075
1974	5,208
1975	5,830
1976	7,232
1977	8,037
1978	8,736
1979	9,472
1980	9,701
1981	11,359
1982	12,162
1983	12,749
1984	13,138
1985	14,152
1986	14,096
1987	13,849
1988	15,168
1989	15,708
1990	17,869
1991	18,702
1992	19,290
1993	19,127
1994	18,804
1995	NA
1996	17,824
1997	18,552
1998	18,650
1999	18,609
2000	18,270
2001	18,234
2002	17,992
2003	18,343
2004	18,485
2005	19,290
2006	19,259

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, *2006 Visitor Plant Inventory*.

## 10.2.9

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

2006					
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-\$3,000
3	The Westin Maui Resort & Spa	758	Lahaina, Maui	Resort	\$360-\$3,000
4	The Ritz-Carlton Kapalua	548	Kapalua, Maui	Resort	\$405-\$3,700
5	Wailea Marriott Resort	521	Wailea, Maui	Resort	\$475-\$5,800
6	The Royal Lahaina Resort	515	Lahaina, Maui	Resort	\$125-\$2,500
7	Sheraton Maui Resort	510	Lahaina, Maui	Resort	\$405-\$3,350
8	ResortQuest Kā'anapali Shores	463	Lahaina, Maui	Condo/Resort	\$200-\$1,000
9	The Fairmont Kea Lani Resort	450	Wailea, Maui	Resort	\$395-\$3,000
10	Kā'anapali Beach Hotel	430	Lahaina, Maui	Hotel	\$185-\$640
11	Kā'anapali Beach Vacation Resort	413	Lahaina, Maui	Resort	\$402-\$616
12	Four Seasons Resort	380	Wailea, Maui	Resort	\$365-\$9,975
13	ResortQuest at Papakea Resort	364	Lahaina, Maui	Condo/Resort	\$225-\$750
14	The Whaler on Kā'anapali Beach	360	Lahaina, Maui	Condo/Resort	\$235-\$730
15	Renaissance Wailea Beach Resort	345	Wailea, Maui	Resort	\$459-\$4,000
16	Maui Prince Mākena Resort	310	Wailea, Maui	Resort	\$335 - \$1,500
17	Maui Marc Vista	279	Kīhei, Maui	Condo/Resort	\$190 - \$260
18	Maui Coast Hotel	265	Kīhei, Maui	Hotel	\$215-\$275
19	ResortQuest Maui Kā'anapali Villas	260	Lahaina, Maui	Condo/Resort	NA
20	Outrigger Royal Kahana Resort	236	Lahaina, Maui	Condo/Resort	\$125-\$509
21	Four Seasons Resort Lana'i at Mānele Bay	236	Lāna'i	Resort	\$395-\$5,000
22	ResortQuest Mahana at Kā'anapali	211	Lahaina, Maui	Condo/Resort	NA
23	Outrigger Maui Eldorado	204	Lahaina, Maui	Condo/Resort	\$149-\$479
24	Maui Seaside Hotel	190	Kahului, Maui	Hotel	\$105-\$150

DND: Did not disclose.

SOURCE: Pacific Business News, "Largest Maui County Hotels," *Book of Lists 2007*.

## 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	
	2005	2006	2005	2006	2005	2006
<b>GRAND TOTAL</b>	<b>178.4</b>	<b>181.2</b>	<b>48.6</b>	<b>156.5</b>	<b>255.4</b>	<b>266.5</b>
<b>Total Food and beverage</b>	<b>35.8</b>	<b>35.2</b>	<b>31.0</b>	<b>31.9</b>	<b>42.5</b>	<b>42.0</b>
Restaurant food	25.5	24.8	20.6	21.3	29.5	29.1
Dinner shows and cruises	4.4	4.4	3.2	3.3	5.5	5.3
Groceries and snacks	5.9	6.1	7.2	7.4	7.5	7.6
<b>Entertainment &amp; Recreation</b>	<b>18.3</b>	<b>19.1</b>	<b>14.0</b>	<b>15.0</b>	<b>19.2</b>	<b>19.7</b>
<b>Total Transportation</b>	<b>17.2</b>	<b>17.8</b>	<b>14.3</b>	<b>16.8</b>	<b>11.1</b>	<b>11.6</b>
Interisland airfare	3.1	3.3	1.9	2.9	3.6	3.7
Ground transportation	1.0	1.0	0.7	0.7	4.7	4.
Rental vehicles	11.5	11.8	10.3	11.6	2.5	2.7
Gasoline, parking, etc.	1.5	1.7	1.3	1.5	0.3	0.3
<b>Total Shopping</b>	<b>23.4</b>	<b>22.5</b>	<b>20.3</b>	<b>20.6</b>	<b>99.1</b>	<b>98.8</b>
Fashion and clothing	8.0	7.9	7.8	7.9	25.5	26.1
Jewelry and watches	5.7	6.0	4.7	5.1	14.1	13.6
Cosmetics, perfume	0.3	0.3	0.3	0.3	5.7	5.6
Leather goods	0.5	0.5	0.6	0.6	34.3	33.7
Hawai'i food products	2.2	2.0	2.1	2.1	10.4	10.7
Souvenirs	6.7	5.8	4.7	4.6	9.2	9.0
<b>Lodging</b>	<b>69.1</b>	<b>73.6</b>	<b>60.1</b>	<b>64.3</b>	<b>68.8</b>	<b>75.4</b>
<b>All other expenses<sup>1</sup></b>	<b>14.6</b>	<b>13.0</b>	<b>8.9</b>	<b>8.0</b>	<b>14.6</b>	<b>19.0</b>

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

<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, 2006 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>75.75</b>	<b>57.59</b>	<b>88.93</b>	<b>81.62</b>	<b>104.75</b>
<b>Lodging</b>	<b>6.53</b>	<b>3.51</b>	<b>8.39</b>	<b>12.43</b>	<b>9.71</b>
<b>Food &amp; beverages</b>	<b>8.06</b>	<b>5.96</b>	<b>9.40</b>	<b>8.69</b>	<b>12.12</b>
Restaurant	5.11	3.99	5.76	5.34	7.50
Dinner shows	1.65	1.07	2.26	1.75	1.47
Groceries/snacks	1.30	0.90	1.38	1.60	3.15
<b>Entertainment and Recreation</b>	<b>4.09</b>	<b>2.83</b>	<b>4.16</b>	<b>3.93</b>	<b>12.00</b>
<b>Shore Tour</b>	<b>18.80</b>	<b>12.17</b>	<b>25.72</b>	<b>17.79</b>	<b>18.30</b>
<b>Total Transportation</b>	<b>7.58</b>	<b>6.26</b>	<b>8.05</b>	<b>10.64</b>	<b>9.41</b>
Inter-island airfare	2.21	0.95	2.95	4.21	3.04
Ground transportation	1.66	2.28	0.96	1.02	3.20
Rental car/moped	3.19	2.59	3.53	4.85	2.73
Other trans	0.52	0.43	0.62	0.56	0.44
<b>Total Shopping</b>	<b>24.01</b>	<b>21.86</b>	<b>25.97</b>	<b>20.62</b>	<b>30.75</b>
Fashion& clothing	7.89	7.75	8.17	6.65	8.92
Jewelry/watch	8.10	7.50	9.36	5.50	7.85
Cosmetics/perfumes	0.21	0.14	0.16	0.40	0.65
Leather goods	0.38	0.20	0.24	0.51	2.24
Hawaii food products	1.43	1.40	1.37	1.55	1.82
Souvenirs	6.01	4.88	6.67	6.01	9.26
<b>All other spending outside ship</b>	<b>6.67</b>	<b>5.01</b>	<b>7.23</b>	<b>7.53</b>	<b>12.45</b>

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2006 Annual Visitor Research Report.



### 10.3.3

## SUMMARY VISITOR CHARACTERISTICS, MAUI COUNTY

*Arrivals by Air*

2006	Total	Domestic	International
Islands Visited			
Maui County	2,477,316	2,182,608	294,708
Maui	2,426,395	2,138,430	287,965
Moloka'i	85,003	60,095	24,908
Lāna'i	93,171	71,444	21,728
O'ahu	853,082	665,711	187,370
Kaua'i	447,471	387,312	60,159
Big Island	499,821	420,341	79,480
Kona	345,166	283,162	62,004
Hilo	433,033	365,075	67,958
Maui County Only	1,420,643	1,325,383	95,260
Visit Status			
First trip	874,737	754,248	120,489
Repeat	1,602,579	1,428,360	174,219
Average number of trips	4.69	4.78	3.98
Party Size			
One person	324,634	298,177	26,457
Two persons	1,155,133	1,031,135	123,997
Three or more persons	997,550	853,296	144,254
Average party size	2.17	2.13	2.47
Accommodations <sup>1</sup>			
Hotel	1,375,835	1,173,539	202,296
Hotel Only	1,040,891	878,294	162,596
Condo	682,532	620,817	61,715
Condo Only	522,327	477,439	44,888
Timeshare	250,592	240,792	9,800
Timeshare Only	178,568	172,717	5,852
Apartment/Rental House	75,368	69,181	6,188
Bed & Breakfast	30,599	27,579	3,020
Cruise Ship	267,630	244,760	22,870
Friends or Relatives	169,752	144,356	25,396

<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, 2006 Annual Visitor Research Report.

## 10.3.4

### SUMMARY VISITOR CHARACTERISTICS, BY ISLAND

*Arrivals by Air*

2006	Maui	Moloka'i	Lāna'i
<b>Islands Visited</b>			
Maui County	2,426,395	85,003	93,171
Maui	2,426,395	57,592	68,262
Moloka'i	57,592	85,003	29,768
Lāna'i	68,262	29,768	93,171
O'ahu	830,821	52,932	52,248
Kaua'i	441,192	33,605	39,396
Big Island	489,582	38,708	45,139
Kona	340,301	33,340	37,601
Hilo	424,469	35,820	42,448
Maui Only	1,365,846		
Moloka'i Only		9,406	
Lāna'i Only			11,198
<b>Visit Status</b>			
First trip	862,993	28,073	33,625
Repeat	1,563,402	56,931	59,547
Average number of trips	4.65	5.26	4.81
<b>Party Size</b>			
One person	314,009	15,050	13,447
Two persons	1,131,910	36,508	44,728
Three or more persons	980,476	33,446	34,996
Average party size	2.17	2.17	2.20
<b>Accommodations<sup>1</sup></b>			
Hotel	1,344,789	43,571	54,850
Hotel Only	1,016,462	27,256	38,192
Condo	671,827	18,452	13,392
Condo Only	515,110	11,541	8,939
Timeshare	247,785	4,541	NA
Timeshare Only	176,806	2,600	NA
Apartment/Rental House	71,452	5,220	2,668
Bed & Breakfast	29,269	2,606	1,408
Cruise Ship	266,514	11,381	17,797
Friends or Relatives	162,221	17,897	15,137

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, 2006 Annual Visitor Research Report.

### 10.3.5

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

2006	All Visitors	US West	US East	Canada	Other
<b>Total per person per day spending</b>	<b>75.75</b>	<b>57.59</b>	<b>88.93</b>	<b>81.62</b>	<b>104.75</b>
<b>Lodging</b>	<b>6.53</b>	<b>3.51</b>	<b>8.39</b>	<b>12.43</b>	<b>9.71</b>
<b>Food &amp; beverages</b>	<b>8.06</b>	<b>5.96</b>	<b>9.40</b>	<b>8.69</b>	<b>12.12</b>
Restaurant	5.11	3.99	5.76	5.34	7.50
Dinner shows	1.65	1.07	2.26	1.75	1.47
Groceries/snacks	1.30	0.90	1.38	1.60	3.15
<b>Entertainment and Recreation</b>	<b>4.09</b>	<b>2.83</b>	<b>4.16</b>	<b>3.93</b>	<b>12.00</b>
<b>Shore Tour</b>	<b>18.80</b>	<b>12.17</b>	<b>25.72</b>	<b>17.79</b>	<b>18.30</b>
<b>Total Transportation</b>	<b>7.58</b>	<b>6.26</b>	<b>8.05</b>	<b>10.64</b>	<b>9.41</b>
Inter-island airfare	2.21	0.95	2.95	4.21	3.04
Ground transportation	1.66	2.28	0.96	1.02	3.20
Rental car/moped	3.19	2.59	3.53	4.85	2.73
Other trans	0.52	0.43	0.62	0.56	0.44
<b>Total Shopping</b>	<b>24.01</b>	<b>21.86</b>	<b>25.97</b>	<b>20.62</b>	<b>30.75</b>
Fashion & clothing	7.89	7.75	8.17	6.65	8.92
Jewelry/watch	8.10	7.50	9.36	5.50	7.85
Cosmetics/perfumes	0.21	0.14	0.16	0.40	0.65
Leather goods	0.38	0.20	0.24	0.51	2.24
Hawaii food products	1.43	1.40	1.37	1.55	1.82
Souvenirs	6.01	4.88	6.67	6.01	9.26
<b>All other spending outside ship</b>	<b>6.67</b>	<b>5.01</b>	<b>7.23</b>	<b>7.53</b>	<b>12.45</b>

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2006 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>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
<b>2002</b>								
<b>Total Passengers</b>	<b>235,027</b>	<b>71,312</b>	<b>128,252</b>	<b>15,570</b>	<b>5,533</b>	<b>14,361</b>	<b>7,117</b>	<b>242,144</b>
<b>Island Visitation</b>								
<b>(# of Passengers)</b>								
Maui County	224,735	68,189	122,636	14,888	5,290	13,732	6,806	231,541
Maui	224,735	68,189	122,636	14,888	5,290	13,732	6,806	231,541
Moloka'i	2,002	517	1,153	153	64	114	71	2,073
Lāna'i	2,776	889	1,514	99	62	212	44	2,821

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

SOURCE: Hawai'i State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division, 2002-2006 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>Lahaina Small Boat Harbor</b>								
January	15,070	(9)	27,962	(14)	22,670	(11)	15,350	(7)
February	13,812	(8)	13,228	(8)	14,320	(7)	11,346	(5)
March	21,208	(12)	18,790	(9)	20,742	(9)	11,346	(5)
April	17,332	(9)	18,922	(9)	15,402	(8)	11,734	(5)
May	11,800	(8)	17,674	(10)	16,108	(8)	10,522	(5)
June	4,340	(4)	8,008	(4)	6,006	(3)	NA	
July	3,670	(3)	3,450	(2)	6,006	(3)	NA	
August	3,670	(3)	10,806	(5)	4,004	(2)	NA	
September	21,726	(13)	6,280	(5)	12,256	(6)	NA	
October	37,010	(21)	23,388	(12)	15,960	(7)	NA	
November	19,910	(10)	14,470	(6)	14,892	(8)	NA	
December	14,970	(7)	4,270	(2)	6,990	(4)	NA	
<b>Total</b>	<b>184,518</b>	<b>(107)</b>	<b>167,248</b>	<b>(86)</b>	<b>155,356</b>	<b>(76)</b>	<b>60,298</b>	<b>(27)</b>
<b>Kahului Harbor</b>								
January	NA		26,514	(12)				
February	NA		18,718	(9)				
March	NA		18,534	(9)				
April	NA		13,362	(6)				
May	NA		18,438	(8)				
June	NA		20,330	(9)				
July	NA		18,184	(8)				
August	NA		22,730	(10)				
September	NA		18,184	(8)				
October	28,660	(13)	22,708	(10)				
November	24,368	(11)	20,330	(9)				
December	31,060	(14)	20,584	(9)				
<b>Total</b>	<b>84,088</b>	<b>(38)</b>	<b>238,616</b>	<b>(107)</b>				

NA: Not Available.

Maximum Passenger Capacity: Ship capacity, not actual passenger counts.

SOURCE: State of Hawai'i, Department of Transportation, Harbors Division, *Maui Passenger and Cruise Vessel Schedule for 2007 and 2008, Revised October 1, 2007* and Department of Land and Natural Resources, Division of Boating & Ocean Recreation, *Schedule of Passenger/Cruise Vessels, Prepared July 20, 2007*.

## 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>88.6%</b>	<b>92.5%</b>	<b>90.3%</b>	<b>93.4%</b>	<b>92.7%</b>
Helicopter or plane tour	7.6%	8.0%	5.9%	9.0%	10.0%
Boat, submarine, whale watching	31.6%	35.2%	14.8%	32.8%	30.0%
Tour bus excursion	7.8%	21.5%	47.8%	18.0%	18.9%
Private limousine/van tour	3.5%	6.1%	7.6%	6.0%	13.6%
Self-guided	75.6%	68.1%	32.3%	74.3%	69.0%
<b>All Recreation</b>	<b>90.9%</b>	<b>78.4%</b>	<b>51.9%</b>	<b>84.7%</b>	<b>83.0%</b>
Swimming-sunbathing-beach	82.8%	71.5%	31.5%	78.4%	76.9%
Surfing / bodyboarding	29.7%	14.2%	5.3%	22.2%	18.3%
Snorkeling-scuba diving	56.7%	38.1%	11.5%	46.6%	38.1%
Jet skiing-parasailing-windsurfing	6.5%	4.6%	2.7%	1.7%	5.0%
Golf	12.2%	11.1%	12.7%	16.5%	6.3%
Running-jogging-fitness walking	37.8%	27.4%	12.1%	38.1%	18.9%
Gym-health spa	13.2%	13.0%	5.7%	10.3%	6.6%
Backpacking-hiking-camping	15.2%	17.4%	4.9%	14.3%	14.9%
Sports event or tournament	2.6%	2.0%	3.1%	3.2%	2.7%
<b>All Entertainment</b>	<b>78.1%</b>	<b>70.8%</b>	<b>64.2%</b>	<b>67.5%</b>	<b>66.2%</b>
Lunch-sunset-dinner-evening cruise	30.6%	29.4%	28.2%	26.1%	31.4%
Lounge act-stage show	23.1%	26.0%	12.0%	28.4%	17.1%
Nightclub-dancing-bar-karaoke	12.0%	12.1%	5.2%	9.5%	11.1%
Fine dining	61.7%	56.5%	50.8%	47.4%	46.3%
<b>All Shopping</b>	<b>91.7%</b>	<b>83.9%</b>	<b>62.2%</b>	<b>88.3%</b>	<b>85.7%</b>
Department stores	36.2%	33.6%	8.5%	46.9%	44.8%
Designer boutiques	46.2%	40.7%	15.8%	43.7%	30.4%
Hotel stores	36.7%	39.1%	19.0%	31.5%	28.1%
Swap meet	22.1%	13.1%	8.2%	25.3%	13.2%
Discount/outlet stores	35.2%	28.4%	15.1%	29.6%	18.3%
Supermarkets	74.3%	47.4%	32.6%	62.8%	66.5%
Convenience stores	56.6%	47.3%	30.6%	55.1%	31.6%
Duty free	3.4%	3.5%	10.8%	5.3%	6.7%
<b>All Culture</b>	<b>69.3%</b>	<b>68.3%</b>	<b>34.3%</b>	<b>71.2%</b>	<b>62.6%</b>
Historic site	41.0%	44.5%	22.9%	43.6%	43.4%
Museum-art gallery	29.4%	22.3%	7.8%	25.3%	19.9%
Polynesian show-luau	35.9%	40.9%	9.9%	37.7%	25.5%
Art-craft fair	18.8%	12.3%	3.6%	13.0%	10.3%
Festival	3.7%	3.2%	3.5%	3.2%	4.2%
<b>All Transportation</b>	<b>84.0%</b>	<b>77.5%</b>	<b>47.0%</b>	<b>82.2%</b>	<b>81.2%</b>
Trolley	1.6%	3.9%	7.6%	4.8%	6.7%
Public Bus	2.4%	4.1%	2.4%	4.8%	12.0%
Taxi-limousine	5.9%	9.1%	20.8%	11.2%	17.6%
Rental Car	80.5%	69.2%	20.9%	74.0%	65.3%
<b>Meeting</b>	<b>4.8%</b>	<b>2.9%</b>	<b>1.9%</b>	<b>2.3%</b>	<b>1.3%</b>
<b>Convention</b>	<b>0.7%</b>	<b>1.2%</b>	<b>0.7%</b>	<b>2.7%</b>	<b>0.9%</b>
<b>Incentive/reward</b>	<b>2.4%</b>	<b>4.1%</b>	<b>0.6%</b>	<b>2.7%</b>	<b>1.5%</b>

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

SOURCE: Department of Business, Economic Development and Tourism. 2006 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>							
2002	69.3%	70.1%	46.1%	54.6%	57.7%	65.5%	75.5%
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%
<b>Japan Visitors</b>							
2002	48.7%	51.9%	13.1%	42.4%	48.5%	55.6%	45.5%
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%

n/a: Not Available.

SOURCE: Department of Business, Economic Development and Tourism, *2006 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	95.5%	95.1%	96.0%	89.7%	96.5%	91.9%
Decide after arrival in Hawaii	4.5%	4.9%	4.0%	10.3%	3.5%	8.1%
<b>Moloka'i</b>						
Decide before arrival in Hawaii	57.5%	59.2%	54.2%	53.1%	76.8%	72.6%
Decide after arrival in Hawaii	42.5%	40.8%	45.8%	46.9%	23.2%	27.4%
<b>Lāna'i</b>						
Decide before arrival in Hawaii	44.6%	35.0%	58.6%	53.3%	61.5%	64.1%
Decide after arrival in Hawaii	55.4%	65.0%	41.4%	46.7%	38.5%	35.9%

SOURCE: Department of Business, Economic Development and Tourism, *2006 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	69.1%	65.9%	73.5%	50.9%	67.7%	63.8%
Above Average	26.6%	28.6%	23.7%	44.5%	30.6%	32.3%
Below Average	3.9%	4.9%	2.5%	4.3%	1.4%	3.6%
Poor	0.4%	0.6%	0.3%	0.3%	0.2%	0.3%
<b>Moloka'i</b>						
Excellent	60.4%	61.0%	59.3%	42.5%	57.4%	56.2%
Above Average	33.6%	31.9%	36.6%	39.8%	27.3%	35.0%
Below Average	3.7%	4.6%	2.2%	11.1%	6.2%	6.9%
Poor	2.2%	2.4%	1.9%	6.6%	9.2%	1.9%
<b>Lāna'i</b>						
Excellent	65.7%	65.2%	66.2%	56.3%	57.6%	55.5%
Above Average	28.9%	32.5%	24.9%	32.8%	40.2%	42.2%
Below Average	4.2%	0.0%	8.9%	10.9%	2.2%	2.3%
Poor	1.2%	2.4%	0.0%	0.0%	0.0%	0.0%

SOURCE: Department of Business, Economic Development and Tourism, *2006 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	0.8%	0.6%	1.2%	0.4%	2.8%
\$15,000 - \$24,999	1.6%	1.9%	1.2%	1.1%	5.1%
\$25,000 - \$29,999	1.9%	1.6%	2.3%	2.9%	4.4%
\$30,000 - \$34,999	2.3%	1.8%	2.9%	1.6%	3.7%
\$35,000 - \$39,999	1.3%	0.9%	1.9%	3.1%	4.3%
\$40,000 - \$44,999	2.8%	2.8%	2.8%	5.3%	4.3%
\$45,000 - \$49,999	3.6%	3.0%	4.5%	4.3%	5.9%
\$50,000 - \$69,999	12.8%	13.4%	12.0%	16.2%	14.5%
\$70,000 - \$99,999	21.8%	19.9%	24.4%	20.8%	19.4%
\$100,000 - \$124,999	16.6%	17.2%	15.9%	13.4%	13.9%
\$125,000 - \$149,999	8.4%	10.3%	5.6%	8.8%	6.7%
\$150,000 or more	26.0%	26.6%	25.2%	22.0%	15.0%
<b>Japan</b>					
<b>10,000 Japanese Yen</b>					
Under 150	2.7%				
150 - 249.999	3.3%				
250 - 299.999	4.6%				
300 - 349.999	4.8%				
350 - 399.999	4.8%				
400 - 449.999	7.3%				
450 - 499.999	7.1%				
500 - 699.999	13.7%				
700 - 999.999	20.6%				
1,000 - 1,249.999	12.2%				
1,250 - 1,499.999	7.3%				
1,500 or more	11.6%				

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

SOURCE: Department of Business, Economic Development and Tourism, *2006 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	2003	2004	2005	2006
<b>Maui</b>				
Alexander & Baldwin Sugar Museum	32,818	35,483	38,591	41,295
Haleki'i-Pihana Heiaus State Monument <sup>1</sup>	NA	NA	NA	NA
Hāna Cultural Center (Hale Wai Wai 'O Hana)	NA	7,985	10,436	NA
Hawai'i Nature Center	NA	NA	NA	NA
Haleakalā National Park		1,455,477	1,474,681	1,426,068
Īao Valley State Monument <sup>1</sup>	NA	547,800	529,500	549,420
Kula Botanical Gardens	26,030	26,175	28,520	31,548
Lahaina Restoration Foundation	143,341	148,784	134,735	173,706
Baldwin Missionary Home Museum	35,282	40,927	38,308	43,671
Hale Pa'ahao (Old Lahaina Prison)	27,834	28,536	27,746	29,238
Hale Pa'i Printing House	2,416	3,068	3,866	4,871
Wo Hing Temple Museum	77,809	76,253	64,815	95,926
Maui Historical Society Bailey House Museum	12,003	12,651	12,874	12,797
Maui Ocean Center	NA	417,386	436,814	462,843
Maui Tropical Plantation	NA	NA	NA	NA
Whaler's Village Museum	176,495	178,906	164,559	180,272
<b>Moloka'i</b>				
Kalaupapa National Historic Park	57,972	61,797	48,772	46,839
Kalaupapa Settlement	9,791	9,122	9,622	9,911

NA: Not available, 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 2006*.

## 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	2002	2003	2004	2005	2006
<b>National Parks<sup>1</sup></b>					
Number of areas	2	2	2	2	2
Acreage	39,747	40,747	40,747	40,747	39,890
Visits	1,610,996	1,502,640	1,517,274	1,523,453	1,472,907
<b>State Parks &amp; Historic Sites<sup>2</sup></b>					
Number of areas	10	10	9	9	10
Acreage	566	566	566	566	565
Visits (1,000)	1,522	1553r	1553r	NA	NA
<b>County Parks</b>					
Number of areas	150	150	NA	NA	NA
Acreage	1,307	1,307	NA	NA	NA

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	Kīhei	250	12	12	yes	Unmarked	Kalama Park
Kenolio	Kīhei	175	13	62	yes	64	
Kēōkea	Kula	108	11	80	yes	7	Grass area
Kīhei	Kīhei	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	Kīhei	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

Facility	Capacity
<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	
Amphitheater	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 <sup>r</sup>	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

NA: Not available.

r: Revised from previous Data Book.

<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 2005-06			FY 2006-07		
	Dogs	Cats	Other	Dogs	Cats	Other
<b>Area</b>						
Lahaina	115	49	42	206	1,153	93
Kihei	203	521	128	327	1,036	230
Makawao	185	262	64	338	618	192
Kahului	145	465	61	320	999	122
Kula	113	145	41	167	359	39
Wailuku	254	494	140	465	1,061	624
Pā'ia	56	92	47	71	172	33
Ha'ikū	139	199	43	262	347	89
Hāna	82	39	0	156	128	3
LAS	147	217	76	216	475	93
<b>Total</b>	<b>1,439</b>	<b>3,083</b>	<b>642</b>	<b>2,528</b>	<b>6,348</b>	<b>1,518</b>
<b>Acquisitions</b>						
Strays	1,748	4,585	559	1,557	4,928	NA
Owner turn ins	1,492	1,432	488	972	1,451	NA
<b>TOTAL INCOMING</b>	<b>3,240</b>	<b>6,017</b>	<b>1,047</b>	<b>2,529</b>	<b>6,389</b>	<b>NA</b>
Remaining at Shelter						NA
Reclaim by owner	640	153	13	566	203	NA
Adopted	798	772	185	752	893	NA
Transferred	33	3	20	15	2	NA
Dispositions		70				NA
Cremation	551	260	19	632	276	NA
DOA	93	627	8	105	740	NA
Total Euthanized <sup>1</sup>	1,094	3,862	791	955	4,617	NA
<b>TOTAL</b>	<b>3,209</b>	<b>5,747</b>	<b>1,036</b>	<b>3,025</b>	<b>6,731</b>	<b>NA</b>
<b>Euthanized</b>						
Aggressive/ wild	25	2,675	207	NA	n/a	n/a
Euthanized untreatable	47	33	84	258	2,313	NA
Euthanized Treatable Space Reasons	640	948	44	320	1,588	NA
Euthanized Space Reasons	283	131	429	262	90	NA
Euthanized Owner Requested	109	75	19	151	65	NA
<b>TOTAL</b>	<b>1,104</b>	<b>3,862</b>	<b>783</b>	<b>991</b>	<b>4,056</b>	<b>NA</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 2004-05	Fiscal Year 2005-06	Fiscal Year 2006-07
Lease Law	2,484	2,432	2,953
No Tax	490	571	427
Barking	310	220	367
Cruelty/Neglect	1,111	1,073	1,166
Home Inspection	661	735	358
Injured Animals	167	220	187
Large animal trespass	31	37	24
Spay/Neuter Reclaims	20	23	19
Abandonment	41	42	48
Vicious Dog recheck	73	64	144
Dog to Dog Bites	50	64	77
Dog to Human Bites	39	84	75
Dog to Other Bites	87	45	31
Pickup/Deliver/misc	693	812	920
Stray Dog pick up	543	631	600
DOA's	713	723	847
Stray Cat Pick up	1,167	1,516	1,815
Pick up Police Reports, license	269	349	509
Other Animal Pick up	13	14	13
<b>Total</b>	<b>8,972</b>	<b>9,655</b>	<b>10,630</b>

Citations Issued FY 2006-07	UpCountry	Hāna	Kahului	Wailuku	Lahaina	Kihei
Leash Law	149	13	24	58	14	27
No Tax	25	2	4	1	0	2
Inhumane Manner	10	1	2	6	4	2
Cruelty	11	9	1	0	0	0
Aggressive Dog	26	0	7	16	4	0
D.D. Non Compliance	17	0	1	5	0	1
Live Stock at Large	9	0	0	0	0	0
<b>Total</b>	<b>246</b>	<b>24</b>	<b>39</b>	<b>86</b>	<b>22</b>	<b>38</b>

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 Maui Land & Pineapple with 1,195 employees, and sales of \$178.9 million in 2006. Maui County is moving into the high technology development phase, with a public-private partnership working to develop the Maui Research & Technology Park at Kihei to support emerging high technology business.

## 11.1.1

## MANUFACTURING MAUI COUNTY AND STATE OF HAWAII

*Includes operating manufacturing establishments and auxiliaries*

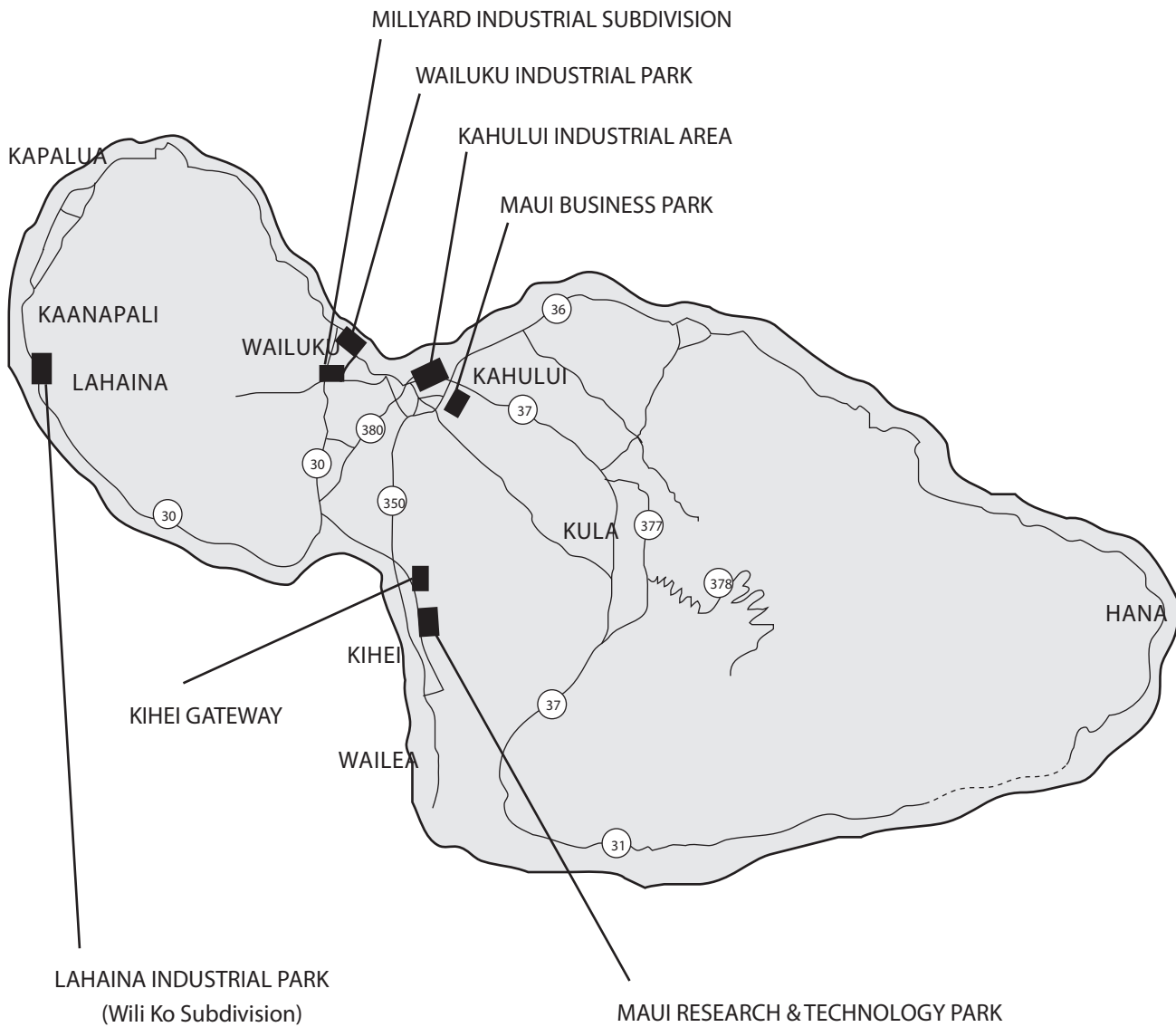
2002	Maui County		State of Hawaii	
	All	Food	All	Food
<b>All Establishments</b>				
Total (number)	93	34	929	259
With 20 employees or more (number)	8	4	157	54
<b>All Employees</b>				
Number	1,491	1,159	13,200	5,224
Payroll (\$1,000)	50,232	36,512	421,269	145,699
<b>Production Workers</b>				
Number	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.

11.1.2

**INDUSTRIAL PARKS, ISLAND OF MAUI**

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



SOURCE: 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

	2000	2001	2002	2003	2004	2005	2006
Retailing	1,357,279,775	1,363,859,275	1,288,265,075	1,416,929,475	1,606,066,500	1,648,035,875	1,759,756,700
Services	445,827,275	480,773,575	497,605,975	538,502,100	581,463,850	633,851,450	718,509,525
Contracting	326,777,275	360,568,625	364,438,350	425,070,200	452,890,850	560,067,200	706,706,975
Theater, Amusements, Radio, etc.	16,659,825	19,942,250	20,309,700	21,195,600	21,525,925	18,918,075	23,894,750
Interest	12,191,625	16,204,050	18,674,475	18,889,650	14,142,100	12,945,300	16,453,975
Commissions	102,188,000	108,053,925	105,181,525	135,367,700	149,889,375	170,629,750	171,916,575
Hotel Rentals	373,941,925	318,051,550	321,252,400	359,701,525	400,577,025	356,886,975	474,507,050
All Other Rentals	284,930,450	291,789,000	289,637,275	301,241,100	295,148,025	285,637,400	330,730,475
Use (4%)	44,145,100	36,581,075	25,138,275	45,193,250	41,583,950	26,819,875	25,403,600
All Others (4%)	119,762,625	118,982,400	117,366,800	128,484,500	134,171,575	143,625,350	171,598,025
<b>SUB-TOTAL</b>	<b>3,083,703,875</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>
Insurance Solicitors	41,309,334	121,564,668	59,276,000	63,635,334	108,120,666	12,608,666	14,953,334
Sugar Processing	147,600	57,400	82,000	40,400	11,400	26,200	13,800
Pineapple Canning	2,376,000	2,210,000	1,978,400	4,091,600	1,535,400	1,722,400	239,200
Producing	28,193,200	25,924,400	23,407,000	23,037,600	20,054,400	23,375,400	19,775,800
Manufacturing	27,228,200	29,517,200	29,829,600	37,399,400	29,042,400	32,316,200	34,799,200
Wholesaling	367,046,000	384,273,200	358,084,800	365,772,200	386,196,400	424,916,800	497,918,800
Services (Intermediary)	37,430,000	38,642,600	47,747,000	50,574,800	45,863,000	48,675,600	69,946,400
Use (1/2%)	233,743,000	224,557,800	216,882,000	172,571,600	273,048,400	393,934,200	564,730,200
<b>SUB-TOTAL</b>	<b>737,473,334</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>GRAND TOTAL</b>	<b>3,821,177,209</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>

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: Hawai'i State Department of Taxation, *General Excise and Use Tax Base, Calendar Years 2000 to 2006 (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*

2005 Establishment Type		Location / Number		Location / Number		Totals	
<b>Motor vehicle &amp; parts dealers (NAICS 441---)</b>							
Kahului	23	Makawao	2	Kaunakakai	2		
Kihei	4	Wailuku	9			Maui subtotal	39
Lahaina	1					Total	41
<b>Furniture &amp; home furnishing stores (NAICS 442---)</b>							
Ha'ikū	1	Kula	2	Wailuku	5		
Kahului	15	Lahaina	9	Kaunakakai	1	Maui subtotal	38
Kihei	6					Total	39
<b>Electronics &amp; appliance stores (NAICS 443---)</b>							
Kahului	8	Lahaina	4	Wailuku	2		
Kihei	5	Makawao	1			Total	20
<b>Bldg material &amp; garden equip &amp; supp dealers (NAICS 444---)</b>							
Ha'ikū	1	Kula	1	Ho'olehua	1		
Hāna	1	Lahaina	5	Kaunakakai	2		
Kahului	22	Makawao	3	Lāna'i City	1	Maui subtotal	46
Kihei	5	Wailuku	8			Total	50
<b>Food &amp; beverage stores (NAICS 445---)</b>							
Ha'ikū	3	Lahaina	25	Kaunakakai	6		
Kahului	16	Makawao	5	Kualapu'u	1		
Kihei	15	Pā'ia	3	Lāna'i City	2	Maui subtotal	79
Kula	2	Wailuku	10			Total	88
<b>Health &amp; personal care stores (NAICS 446---)</b>							
Ha'ikū	2	Kula	2	Pā'ia	1		
Kahului	15	Lahaina	13	Wailuku	3		
Kihei	6	Makawao	2	Kaunakakai	1	Maui subtotal	44
						Total	45
<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

2005 Establishment Type							
Location / Number		Location / Number		Location / Number		Totals	
<b>Clothing &amp; clothing accessories stores (NAICS 448---)</b>							
Hāna	1	Lahaina	117	Wailuku	10		
Kahului	36	Makawao	8	Kaunakakai	3	Maui subtotal	224
Kihei	47	Pā'ia	5			Total	227
<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	51
Lahaina	14	Wailuku	4			Total	53
<b>General merchandise stores (NAICS 452---)</b>							
Hāna	1	Lahaina	1	Kaunakakai	2		
Kahului	10	Makawao	1	Lāna'i City	1	Maui subtotal	14
Khei	1					Total	17
<b>Miscellaneous store retailers (NAICS 453---)</b>							
Ha'ikū	1	Kula	5	Wailuku	11		
Hāna	3	Lahaina	76	Kaunakakai	4		
Kahului	23	Makawao	12	Lāna'i City	3	Maui Subtotal	169
Kihei	30	Pā'ia	8			Total	176
<b>Nonstore retailers (NAICS 454---)</b>							
Ha'ikū	1	Kula	2	Wailuku	2		
Kahului	3	Lahaina	1	Ho'olehua	1	Maui subtotal	11
Kihei	1	Pā'ia	1			Total	12
<b>Grand Total</b>							<b>803</b>

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

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Zip Code Business Patterns 2005*.

### 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
Lipoa Center	Kihei	NA	1989/1991	42,309
Kukui Mall	Kihei	NA	1987	40,073
Pioneer Inn	Lahaina	13	NA	35,632
Dickenson Square	Lahaina	NA	NA	23,500
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

NAICS	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
	Kihei	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  
Felcon Enterprises, Ltd.*

Location	RANGE PER SQUARE FOOT PER MONTH		
	Retail	Office	Warehouse
<b>YEAR 2007</b>			
West Maui:			
Shopping Centers	\$2.50 to \$6.00	NA	NA
Off Front Street	\$2.00 to \$5.00	\$1.50 to \$2.50	NA
Industrial Area	\$1.30 to \$2.30	\$1.00 to \$2.25	\$1.30 to \$2.00
Front Street, Lahaina	\$12.50 to \$25.00	NA	NA
Kihei	\$1.75 to \$4.00	\$1.35 to \$3.00	\$1.25 to \$1.75
Wailuku	\$1.50 to \$2.75	\$1.50 to \$2.25	\$1.25 to \$1.45
Kahului	\$2.75 to \$3.50	\$1.25 to \$3.00	\$1.25 to \$1.50
Wailea	\$6.00 to \$8.50	\$5.50 to \$6.25	NA
Makawao	\$2.50 to \$3.50*	\$2.00 to \$2.50	N/A
Common area charges (in addition to rent, per square foot rented, all areas):	\$0.25 to \$1.85	\$0.25 to \$1.59	\$0.35 to \$0.75

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

\* There are also retail leases on some properties, monthly varies to \$6,600.00 per month.

SOURCE: Lowson and Associates and Felcon Enterprises, records. Current property listings can be found at [www.mauicommercial.com](http://www.mauicommercial.com),

## 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>4</b>	<b>0-19</b>	<b>D</b>
<b>Mining</b>	<b>1</b>	<b>0-19</b>	<b>D</b>
<b>Utilities</b>	<b>12</b>	<b>358</b>	<b>25,739</b>
<b>Construction</b>	<b>463</b>	<b>3,453</b>	<b>165,471</b>
Building, developing & general contracting	172	1,178	56,158
Heavy construction	20	180	8,829
Special trade contractors	271	2,095	100,484
<b>Manufacturing</b>	<b>114</b>	<b>1,553</b>	<b>52,561</b>
Food manufacturing	33	882	28,116
Beverage & tobacco product manufacturing	4	20-99	D
Textile product mills	4	0-19	D
Apparel manufacturing	4	0-19	D
Wood product manufacturing	5	20-99	D
Printing & related support activities	14	113	3,581
Petroleum and coal products manufacturing			
Chemical manufacturing	10	269	7,759
Plastics & rubber products manufacturing	3	0-19	D
Nonmetallic mineral product manufacturing	10	116	7,304
Fabricated metal product manufacturing	3	0-19	D
Machinery manufacturing	1	0-19	D
Transportation equipment manufacturing	1	0-19	D
Furniture & related product manufacturing	6	20-99	D
Miscellaneous manufacturing	16	20-99	D
<b>Wholesale trade</b>	<b>166</b>	<b>1,397</b>	<b>54,552</b>
Wholesale trade, durable goods	58	424	19,446
Wholesale trade, nondurable goods	92	939	34,097
Wholesale electronic markets & agents and brokers	16	34	1,009
<b>Retail trade</b>	<b>806</b>	<b>9,603</b>	<b>242,000</b>
Motor vehicle & parts dealers	40	730	33,887
Furniture & home furnishing stores	39	242	8,559
Electronics & appliance stores	20	100-249	D
Bldg material & garden equip & supp dealers	50	679	20,401
Food & beverage stores	88	1,927	42,234
Health & personal care stores	46	517	16,018
Gasoline stations	35	545	10,538
Clothing & clothing accessories stores	229	1,883	41,716
Sporting goods, hobby, book & music stores	53	549	8,892
General merchandise stores	17	1,274	30,918
Miscellaneous store retailers	176	1,066	23,720
Nonstore retailers	13	20-99	D
<b>Transportation &amp; warehousing</b>	<b>136</b>	<b>2,991</b>	<b>82,088</b>
Air transportation	7	500-999	D
Water transportation	8	203	7,543
Truck transportation	23	376	13,952
Transit & ground passenger transportation	18	243	3,579
Pipeline Transportation	1	0-19	D
Scenic & sightseeing transportation	50	973	26,011

### 11.3.1

CONTINUED

Industry	Number of Establishments <sup>1</sup>	Number of Employees <sup>2</sup>	Annual Payroll (\$1,000)
Transportation support activities	14	150	6,363
Couriers & messengers	13	100-249	D
Warehousing and Storage	2	20-99	D
<b>Information</b>	<b>84</b>	<b>737</b>	<b>29,611</b>
Publishing industries	24	227	10,088
Motion picture & sound recording industries	15	100-249	D
Broadcasting & telecommunications	7	182	5,884
Telecommunications	27	182	9,727
Internet Ser. Providers, Web & and Data Services	11	20-99	D
<b>Finance &amp; insurance</b>	<b>180</b>	<b>921</b>	<b>44,514</b>
Credit intermediation & related activities	112	704	33,546
Security, commodity contracts & like activity	19	20-99	D
Insurance carriers & related activities	49	100-249	D
<b>Real estate</b>	<b>334</b>	<b>2,412</b>	<b>86,479</b>
Real estate	235	1,276	55,540
Rental & leasing services	99	1,136	30,939
Lessors of other nonfinancial intangible asset			
<b>Professional, scientific &amp; technical services</b>	<b>357</b>	<b>1,857</b>	<b>75,248</b>
<b>Management of companies &amp; enterprises</b>	<b>11</b>	<b>100-249</b>	<b>D</b>
<b>Admin, support, waste mgt, remediation services</b>	<b>282</b>	<b>3,598</b>	<b>89,488</b>
Administrative & support services	267	3,415	84,107
Waste management & remediation services	15	183	5,381
<b>Educational services</b>	<b>74</b>	<b>792</b>	<b>20,495</b>
<b>Health care and social assistance</b>	<b>367</b>	<b>5,302</b>	<b>203,352</b>
Ambulatory health care services	274	2,365	114,474
Hospitals	2	500-999	D
Nursing & residential care facilities	14	500-999	D
Social assistance	77	1,323	30,726
<b>Arts, entertainment &amp; recreation</b>	<b>102</b>	<b>1,716</b>	<b>41,688</b>
Performing arts, spectator sports, & related industries	31	617	14,846
Museums, historical sites & like institutions	12	180	4,221
Amusement, gambling & recreation industries	59	919	22,621
<b>Accommodation &amp; food services</b>	<b>498</b>	<b>22,387</b>	<b>634,913</b>
Accommodation	83	13,631	486,113
Food services & drinking places	415	8,756	148,800
<b>Other services (except public administration)</b>	<b>422</b>	<b>2,645</b>	<b>62,204</b>
Repair & maintenance	77	361	10,495
Personal & laundry services	96	871	18,558
Religious, grantmaking, civic, prof & like organizations	249	1,413	33,151
<b>Unclassified establishments</b>	<b>9</b>	<b>0-19</b>	<b>D</b>
<b>Total</b>	<b>4,422</b>	<b>61,927</b>	<b>1,919,722</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 2005*.

## 11.3.2

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

Industry	Establishments with Employees	Establishments Non-Employer	Gross Receipts Non-Employer (\$1,000)
<b>Total</b>	<b>4,422</b>	<b>13,753</b>	<b>626,686</b>
<b>Forestry, fishing, hunting, and agriculture support</b>	<b>4</b>	<b>238</b>	<b>5,360</b>
<b>Mining</b>	<b>1</b>	<b>D</b>	<b>D</b>
<b>Utilities</b>	<b>12</b>	<b>6</b>	<b>257</b>
<b>Construction</b>	<b>463</b>	<b>1,292</b>	<b>98,791</b>
Building, developing & general contracting	172	324	33,493
Heavy construction	20	23	2,852
Special trade contractors	271	945	62,446
<b>Manufacturing</b>	<b>114</b>	<b>307</b>	<b>14,850</b>
Food manufacturing	33	22	2,706
Beverage & tobacco product manufacturing	4		
Textile mills		D	D
Textile product mills	4	D	D
Apparel manufacturing	4	36	756
Wood product manufacturing	5	27	740
Paper manufacturing		3	23
Printing & related support activities	14	D	D
Chemical manufacturing	10	5	539
Plastics & rubber products manufacturing	3	3	174
Nonmetallic mineral product manufacturing	10	22	463
Primary metal manufacturing		6	450
Fabricated metal product manufacturing	3	14	917
Machinery manufacturing	1	D	D
Computer & electronic product manufacturing		D	D
Electrical equip., appliance, & component manufacturing		D	D
Transportation equipment manufacturing	1	D	D
Furniture & related product manufacturing	6	19	1,301
Miscellaneous manufacturing	16	127	5,641
<b>Wholesale trade</b>	<b>166</b>	<b>331</b>	<b>21,383</b>
Wholesale trade, durable goods	58	175	12,188
Wholesale trade, nondurable goods	92	151	8,902
Wholesale electronic markets & agents and brokers	16	5	293
<b>Retail trade</b>	<b>806</b>	<b>1,107</b>	<b>62,823</b>
Motor vehicle & parts dealers	40	18	2,229
Furniture & home furnishing stores	39	23	3,313
Electronics & appliance stores	20	11	591
Bldg material & garden equip & supp dealers	50	13	1,930
Food & beverage stores	88	31	5,271
Health & personal care stores	46	55	2,015
Gasoline stations	35		
Clothing & clothing accessories stores	229	105	9,550
Sporting goods, hobby, book & music stores	53	59	4,203
General merchandise stores	17	33	3,952
Miscellaneous store retailers	176	229	18,267
Nonstore retailers	13	530	11,502
<b>Transportation &amp; warehousing</b>	<b>136</b>	<b>275</b>	<b>10,546</b>
Air transportation	7	7	624
Water transportation	8	7	300
Truck transportation	23	32	2,357
Transit & ground passenger transportation	18	164	4,722

## 11.3.2

CONTINUED

Industry	Establishments with Employees	Establishments Non-Employer	Gross Receipts Non-Employer (\$1,000)
Pipeline Transportation	1		
Scenic & sightseeing transportation	50	16	1,508
Transportation support activities	14	17	291
Couriers & messengers	13	29	600
Warehousing and Storage	2	3	144
<b>Information</b>	<b>84</b>	<b>159</b>	<b>6,451</b>
Publishing industries	24	39	2,683
Motion picture & sound recording industries	15	66	1,700
Broadcasting & telecommunications	7	5	50
Internet Publishing and Broadcasting		9	217
Telecommunications	27	6	519
Internet Service Providers, Web Portals, & Data Services	11	13	405
Other information services		21	877
<b>Finance &amp; insurance</b>	<b>180</b>	<b>258</b>	<b>14,722</b>
Credit intermediation & related activities	112	57	4,150
Security, commodity contracts & like activity	19	87	6,084
Insurance carriers & related activities	49	114	4,488
<b>Real estate</b>	<b>334</b>	<b>1,854</b>	<b>134,455</b>
Real estate	235	1,784	127,601
Rental & leasing services	99	68	6,745
Lessors of other nonfinancial intangible asset		D	D
<b>Professional, scientific &amp; technical services</b>	<b>357</b>	<b>1,763</b>	<b>69,213</b>
<b>Management of companies &amp; enterprises</b>	<b>11</b>		
<b>Admin, support, waste mgt, remediation services</b>	<b>282</b>	<b>1,161</b>	<b>29,593</b>
Administrative & support services	267	1,155	27,787
Waste management & remediation services	15	6	1,806
<b>Educational services</b>	<b>74</b>	<b>217</b>	<b>5,191</b>
<b>Health care and social assistance</b>	<b>367</b>	<b>919</b>	<b>29,584</b>
Ambulatory health care services	274	633	24,542
Hospitals	2		
Nursing & residential care facilities	14	31	735
Social assistance	77	255	4,307
<b>Arts, entertainment &amp; recreation</b>	<b>102</b>	<b>1,286</b>	<b>42,848</b>
Performing arts, spectator sports, & related industries	31	1,089	25,138
Museums, historical sites & like institutions	12	D	D
Amusement, gambling & recreation industries	59	195	17,695
<b>Accommodation &amp; food services</b>	<b>498</b>	<b>238</b>	<b>14,156</b>
Accommodation	83	73	4,735
Food services & drinking places	415	165	9,421
<b>Other services (except public administration)</b>	<b>422</b>	<b>2,340</b>	<b>65,764</b>
Repair & maintenance	77	638	22,209
Personal & laundry services	96	1,634	42,404
Religious, grantmaking, civic, prof & like organizations	249	68	1,151
<b>Unclassified establishments</b>	<b>9</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 2005*.

### 11.3.3

## LARGEST PRIVATE CORPORATIONS, MAUI COUNTY

Company	State Rank		Sales (\$ million)		Employees
	2007	2006	2006	2005	
Maui Land & Pineapple Co. Inc.	47	46	178.9	186.7	1,195
Hyatt Regency Maui Resort & Spa LLC	67	0	140.0	130.0	900
TS Restaurants of Hawaii & Calif.	81	84	110.0	101.8	1,800
Dorvin D. Leis Co. Inc.	87	111	105.2	75.7	459
Four Seasons Resort	91	85	102.2	101.0	807
Hawaii Petroleum Inc.	111	122	82.4	68.6	28
Valley Isle Motors Ltd.	118	112	76.4	75.6	144
West Maui Resort Partners LP	126	115	69.0	74.8	418
Maui Petroleum Inc.	128	147	68.8	56.2	16
VIP Foodservice	129	135	68.0	64.0	133
Maui Toyota/Scion	143	159	59.8	47.7	51
MINIT STOP Stores	167	173	47.5	42.7	170
Hale Makuā	226	223	29.5	27.8	472
Maui Medical Group Inc.	241	238	23.6	23.4	240
Chip Inc. (dba Coldwell Banker Island Properties)	244	0	23.2	34.7	12
Maui Clothing Co. Inc.	248	0	22.4	22.4	195

SOURCE: "Top 250," *Hawaii Business*, August 2007.

### 11.3.4

## CHARACTERISTICS OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES, MAUI COUNTY

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

Characteristics	2004		2005	
	State Total	Maui	State Total	Maui
Number of establishments <sup>1</sup>	31,605	4,295	32,240	4,422
Number of employees <sup>2</sup>	473,500	61,020	490,682	61,927
Payroll—First quarter (\$1,000)	3,552,027	413,146	3,784,859	449,766
Payroll—Annual (\$1,000)	15,074,629	1,759,991	16,163,137	1,919,722

<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 HAWAI'I 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

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: Hawai'i 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 2005*.

## 11.3.6

**SERVICE ESTABLISHMENTS WITH EMPLOYEES FOR  
PLACES WITH 2,500 INHABITANTS OR MORE,  
MAUI COUNTY**

<b>Geography</b>	<b>Number of establishments</b>	<b>Sales, Shipments, Receipts, or revenue (\$1,000)</b>	<b>Number of employees</b>	<b>Annual Payroll (\$1,000)</b>
<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 food services (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

2005 Establishment Type		Location / Number		Location / Number		Location / Number		Totals	
<b>Professional, scientific &amp; technical services (NAICS 541---)</b>									
Ha'ikū	16	Kula	18	Wailuku	119				
Hāna	1	Lahaina	30	Kaunakakai	5				
Kahului	49	Makawao	35	Lāna'i City	2	Maui subtotal		351	
Kihei	70	Pā'ia	13			Total		358	
<b>Management of companies &amp; enterprises (NAICS 551---)</b>									
Kahului	2	Lahaina	6	Wailuku	1				
Kihei	2					Total		11	
<b>Administrative &amp; support services (NAICS 561---)</b>									
Ha'ikū	12	Lahaina	50	Kaunakakai	3				
Kahului	58	Makawao	23	Lāna'i City	2				
Kihei	61	Pā'ia	5			Maui subtotal		262	
Kula	8	Wailuku	45			Total		267	
<b>Waste management &amp; remediation services (NAICS 562---)</b>									
Kahului	5	Makawao	2	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	3	Lahaina	14	Wailuku	7				
Kahului	12	Makawao	11	Kaunakakai	1	Maui subtotal		73	
Kihei	17					Total		74	
<b>Ambulatory health care services (NAICS 621---)</b>									
Ha'ikū	8	Kula	7	Wailuku	100				
Hāna	1	Lahaina	27	Kaunakakai	8				
Kahului	64	Makawao	23	Kualapu'u	1	Maui subtotal		263	
Kihei	30	Pā'ia	3	Lāna'i City	3	Total		275	
<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		13	
Lahaina	2	Wailuku	2			Total		14	
<b>Social assistance (NAICS 624---)</b>									
Hāna	4	Lahaina	4	Ho'olehua	2				
Kahului	13	Makawao	5	Kaunakakai	7				
Kihei	6	Pā'ia	2	Kualapu'u	3	Maui subtotal		60	
Kula	1	Wailuku	25	Lāna'i City	4	Total		76	
<b>Performing arts, spectator sports, &amp; related industries (NAICS 711---)</b>									
Ha'ikū	6	Kula	2	Pā'ia	1				
Kahului	1	Lahaina	7	Wailuku	2	Maui subtotal		30	
Kihei	7	Makawao	4	Kualapu'u	1	Total		31	

### 11.3.7

CONTINUED

<b>2005 Establishment Type</b>							
Location / Number		Location / Number		Location / Number		<b>Totals</b>	
<b>Museums, historical sites &amp; like institutions (NAICS 712---)</b>							
Hāna	2	Lahaina	2	Wailuku	3		
Kahului	2	Makawao	1	Kualapu'u	1	Maui subtotal	11
Kula	1					Total	12
<b>Amusement, gambling &amp; recreation industries (NAICS 713---)</b>							
Ha'ikū	1	Kula	2	Pā'ia	2		
Kahului	10	Lahaina	18	Wailuku	5	Maui subtotal	58
Kihei	16	Makawao	4	Kaunakakai	1	Total	59
<b>Accommodation (NAICS 721---)</b>							
Ha'ikū	3	Lahaina	43	Kaunakakai	1		
Hāna	4	Makawao	1	Maunaloa	1		
Kahului	2	Wailuku	4	Lāna'i City	2	Maui subtotal	79
Kihei	22					Total	83
<b>Food services &amp; drinking places (NAICS 722---)</b>							
Ha'ikū	5	Kula	5	Wailuku	66		
Hāna	1	Lahaina	122	Kaunakakai	9		
Kahului	74	Makawao	19	Kualapu'u	1	Maui subtotal	400
Kihei	95	Pā'ia	13	Lāna'i City	6	Total	416
<b>Repair &amp; maintenance (NAICS 811---)</b>							
Ha'ikū	3	Kula	3	Wailuku	24		
Kahului	29	Lahaina	6	Ho'olehua	1	Maui Subtotal	76
Kihei	7	Makawao	4			Total	77
<b>Personal &amp; laundry services (NAICS 812---)</b>							
Ha'ikū	2	Kula	2	Pā'ia	1		
Kahului	25	Lahaina	23	Wailuku	19		
Kihei	18	Makawao	6			Total	96
<b>Religious, grantmaking, civic, prof &amp; like organizations (NAICS 813---)</b>							
Ha'ikū	3	Lahaina	68	Ho'olehua	2		
Hāna	3	Makawao	9	Kaunakakai	9		
Kahului	24	Pā'ia	5	Maunaloa	1		
Kihei	73	Wailuku	41	Lāna'i City	4	Maui subtotal	232
Kula	6					Total	248
<b>Unclassified establishments (NAICS 99---)</b>							
Ha'ikū	1	Kihei	2	Lahaina	5		
Kahului	1					Total	9
<b>Grand Total</b>							<b>2,123</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 2005*.

## 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>	<b>X</b>	<b>X</b>	<b>11,713</b>	<b>469,599</b>
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 2007 DATA BOOK

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- Table 2.1.7..... Hawai'i High School Graduates Entering the University of Hawai'i System  
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- Table 2.1.8 ..... School-Bound Students by Type of School and Location, Maui County
- Table 5.1.15..... Farm Income and Expenses, Maui and Kalawao Counties
- Table 6.2.11 ..... Drivers Involved in Fatal Crashes and Blood Alcohol Concentration (BAC) of the Driver
- Table 6.2.13..... Selected Statistics for Aloha and Hawaiian Airlines
- Table 10.5.4..... Community Centers, Maui County.
- 
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## TABLES OMITTED FROM THE 2007 DATA BOOK

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- Table 2.1.7..... University of Hawai'i Distance Learning Courses and Graduates , Maui County
- Table 6.2.10..... Road, Bridge and Drainage Maintenance, County of Maui
- Table 10.5.4..... Park Maintenance, Maui County Department of Parks and Recreation
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