

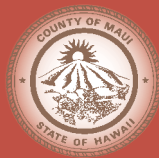
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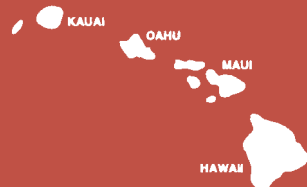
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# **MAUI COUNTY DATA BOOK**

## **2010**

(Published February 2011)

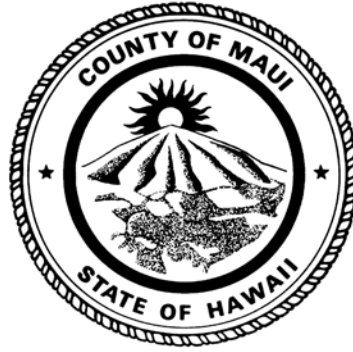
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A message from  
Mayor Alan Arakawa

Aloha kākou –

On behalf of the people of the County of Maui, it is my pleasure to present the 2010 edition of the Maui County Data Book.

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

None of the valuable information contained in the 2010 Maui County Data Book would be possible without the vital working partnership of the Hawai`i Small Business Development Center Network's Hawai`i Business Research Library in Kīhei and the Maui County Office of Economic Development. Together they provide the most up-to-date data critical to informed decision-making by both prospective and established businesses in our community.

As with earlier editions of the Maui County Data Book, the 2010 edition is available online at our Maui County Website at [www.co.maui.hi.us](http://www.co.maui.hi.us) and at the Hawai`i Business Research Library's Website [www.hbrl-sbdc.org](http://www.hbrl-sbdc.org), and we hope you will use it often to help you start-up, grow and expand upon your exciting business idea.

Aloha.

A handwritten signature in black ink, appearing to read "Alan Arakawa". The signature is fluid and cursive, written over a white background.

Alan Arakawa  
Mayor

---

This publication is partially supported and some material is based upon work supported by the U.S. Small Business Administration and the University of Hawai'i at Hilo under Cooperative Agreement 0-603001-Z-0012-22. Any opinions, findings and conclusions or recommendations expressed in this publication are those of the authors and do not necessarily reflect the view of the U.S. Small Business Administration or other sponsors.

This report has been catalogued by the Hawai'i Business Research Library as follows:

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Copies of this book are available from the Hawai'i Business Research Library, 1300 N. Holo pono Street, Suite 213, Kīhei, Maui, Hawai'i 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/>. For further information, call (808) 875-5990.

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

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## ABOUT THIS BOOK

We hope you find the 2010 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 eighteenth edition of the Data Book is produced by the Hawai'i SBDC Network, Hawai'i Business Research Library (HBRL) under a grant from the County of Maui, administered by the Maui County Office of Economic Development. In addition to the print version, the Data Book is also available online via the Internet (<http://www.hbri-sbdc.org>). In addition to compiling and updating the Data Book, the Hawai'i Business Research Library provides a call-in/email service to provide a wide range of business research services to individuals and businesses residing or operating in Hawai'i, or investigating business opportunities in Hawai'i.

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/>) annually through the Hawaii State Department of Business, Economic Development and Tourism. The Hawai'i County Department of Research and Development publishes statistical data books annually ([http://www.co.hawaii.hi.us/databook\\_current/dbooktoc.htm](http://www.co.hawaii.hi.us/databook_current/dbooktoc.htm).) The Hawai'i State Office of Hawaiian Affairs publishes the Native Hawaiian Data Book ([http://www.oha.org/index.php?option=com\\_content&task=view&id=102&Itemid=178](http://www.oha.org/index.php?option=com_content&task=view&id=102&Itemid=178)).

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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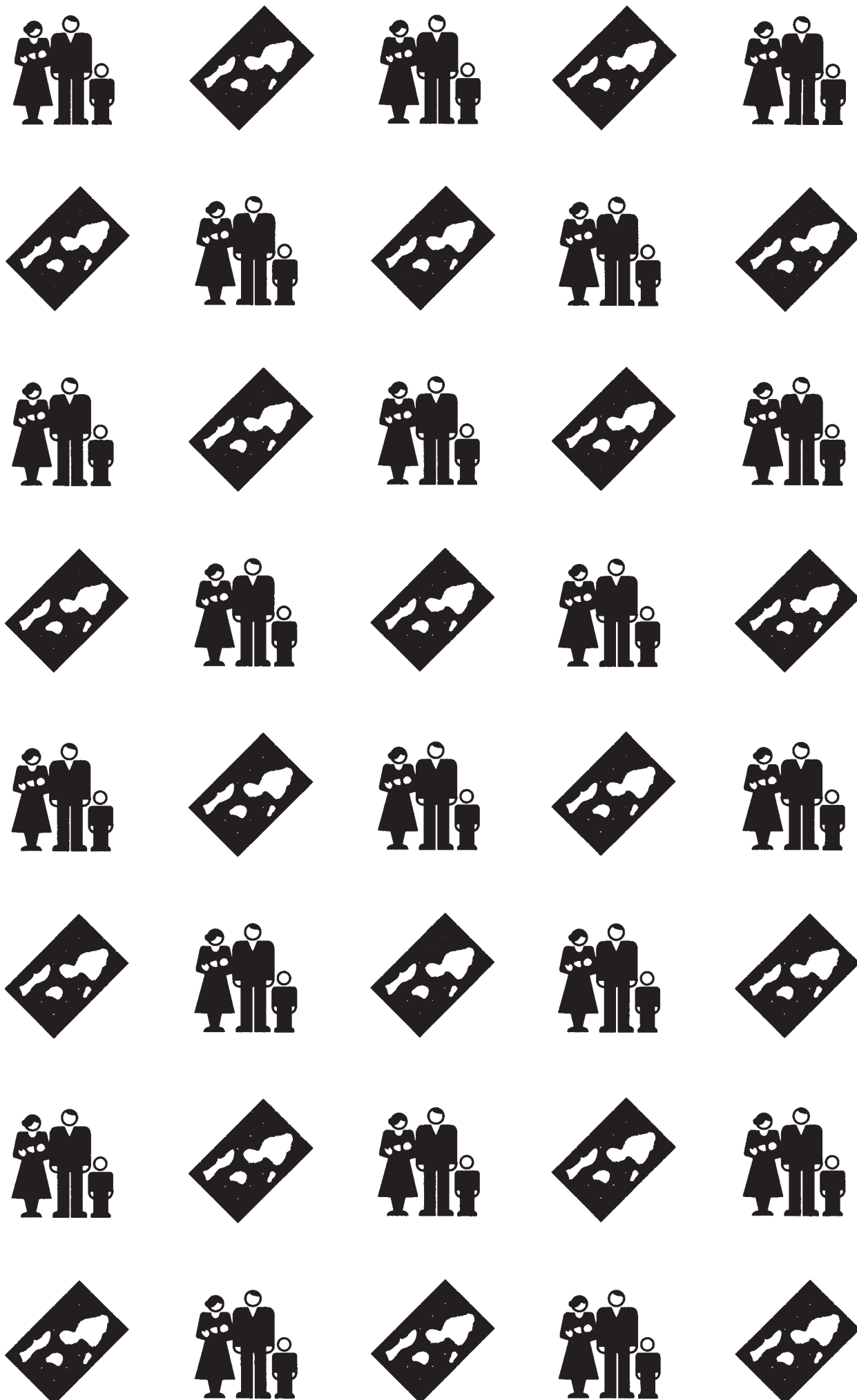
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# General Statistics



## 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	Measure	2004	2005	2006	2007	2008	2009	% Change 08/09	% Change 04/08
Resident Population <sup>1</sup>	July 1	136,851	138,744	140,119	141,523	143,691	145,240	1.1	6.1
Civilian Labor Force	Mo. Avg.	74,800	76,000	76,450	79,700	78,950	76,550	-3.0	2.3
Employment	Mo. Avg.	72,500	74,050	75,350	77,450	75,350	69,950	-7.2	-3.5
Unemployment	Mo. Avg.	2,300	1,950	1,850	2,200	3,600	6,600	83.3	187.0
Unemployment rate	Mo. Avg.	3.1	2.6	2.4	2.8	4.5	8.6	91.1	177.4
Total Job Count <sup>2</sup>	Mo. Avg.	65,850	67,950	69,700	72,150	71,150	67,100	-5.7	1.9
Gross Business Receipts	Total	4,561.3	4,795.0	5,601.9	6,533.0	5,983.9	5,054.9	-15.5	10.8
State Tax Collections <sup>3</sup>	Total	308,140	315,318	355,353	406,330	373,600	294,668	-21.1	-4.4
County Tax Collections <sup>4</sup>	Total	158,357r	176,040r	211,466r	245,765r	267,827r	267,451	-0.1	71.1
Estimated Domestic Visitors	Total	1,938	2,081	2,183	2,173	1,851	1,688	-8.8	-12.9
Estimated International Visitors	Total	270	266	295	291	279	244	-12.5	-9.6
Hotel Inventory	Feb.	18,485	19,290	19,259	19,879	19,653	20,151	2.5	9.0
Hotel Occupancy	Mo. Avg.	78.0	79.6	80.0	76.5	67.9	62.1	-8.5	-20.4
Private Permits	Total	448,831	831,416	981,418	727,772	443,840	224,437	-49.4	-50.0
Residential Permits	Total	285,212	486,407	362,279	302,401	276,188	103,630	-62.5	-63.7
Non-Residential Permits	Total	58,757	101,858	117,570	127,728	66,171	54,809	-17.2	-6.7
Additions & Alterations	Total	61,862	111,227	99,421	116,489	101,481	65,997	-35.0	6.7
Real Estate Resales	Total	1,221	1,317	1,088	1,138	907	693	-23.6	-43.2
Single Family	Avg.	730,264	927,354	941,434	920,807	831,242	713,946	-14.1	-2.2
Condominium	Total	1,993	2,000	1,210	1,179	788	824	4.6	-58.7
	Avg.	438,255	550,381	773,215	816,867	921,063	719,993	-21.8	64.3
Sugar Production, Raw Sugar 96 <sup>0</sup>	Total	68,900	66,000	60,600	56,400	51,500	NA	NA	NA
Vegetable & Melon Sales	Total	9,632	9,150	11,053	6,545r	6,630	NA	NA	NA
Floriculture Sales	Total	9,535	11,910	12,276	13,377	13,922	NA	NA	NA
Livestock & Aquaculture	Total	6,510	8,408	6,247	6,085r	7,013	NA	NA	NA
Farm Labor & Proprietors' Income	Total	78,209	84,464	87,855	94,115	91,824	NA	NA	NA

1. PRELIMINARY ESTIMATES BY THE U.S. BUREAU OF THE CENSUS. 2. REFERS TO NUMBER OF JOBS RATHER THAN NUMBER OF PERSONS EMPLOYED. PERSONS WITH MORE THAN ONE JOB ARE COUNTED MORE THAN ONCE. 3. CALENDAR YEAR 4. FISCAL YEAR ENDING JUNE 30.

NA: NOT AVAILABLE. R: REVISED



## 1.1.2

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

Category	Maui County	State of Hawaii
<b>Population</b>		
Population, 2009 estimate	145,157	1,295,178
Population, percent change, April 1, 2000 to July 1, 2009	13.30%	6.90%
Population estimates base (April 1) 2000	128,094	1,211,538
Persons under 5 years old, percent, 2009	6.80%	6.90%
Persons under 18 years old, percent, 2009	22.90%	22.40%
Persons 65 years old and over, percent, 2009	12.40%	14.50%
Female persons, percent, 2009	49.40%	49.50%
White persons, percent, 2009 (a)	40.00%	30.20%
Black persons, percent, 2009 (a)	0.90%	3.20%
American Indian and Alaska Native persons, percent, 2009 (a)	0.50%	0.60%
Asian persons, percent, 2009 (a)	28.70%	38.80%
Native Hawaiian and Other Pacific Islander, percent, 2009 (a)	10.60%	9.20%
Persons reporting two or more races, percent, 2009	19.20%	18.00%
Persons of Hispanic or Latino origin, percent, 2009 (b)	10.20%	9.00%
White persons not Hispanic, percent, 2009	34.40%	25.10%
<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, 2009	66,618	515,538
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
<b>Households, 2000</b>		
Persons per household, 2000	43,507	403,240
Persons per household, 2000	2.91	2.92
Median household income, 2008	\$64,150	\$66,701
Per capita money income, 1999	\$22,033	\$21,525
Persons below poverty level, percent, 2008	9.00%	9.30%

## 1.1.2

### CONTINUED

Category	Maui County	State of Hawai'i
<b>Business</b>		
Private nonfarm establishments, 2007	4,663	33,388
Private nonfarm employment, 2007	65,960	519,060
Private nonfarm employment, percent change 2000-2007	26.20%	20.10%
Nonemployer establishments, 2007	15,381	96,263
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, 2009	388	2,617
Federal spending, 2008	658,763	15,009,273
<b>Geography</b>		
Land area, 2000 (square miles)	1,159.20	6,422.62
Persons per square mile, 2000	110.5	188.6
FIPS Code	9	15

(a) Includes persons reporting only one race.

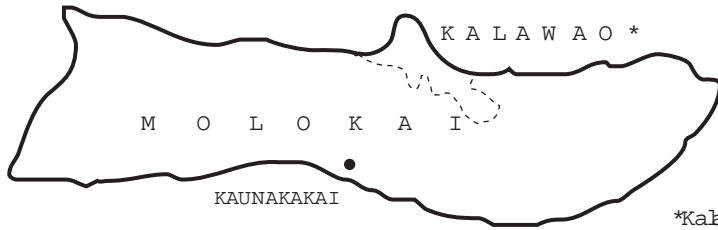
(b) Hispanics may be of any race, so also are included in applicable race categories.

F: Fewer than 100 firms.

SOURCE: U.S. CENSUS BUREAU, STATE AND COUNTY QUICKFACTS.

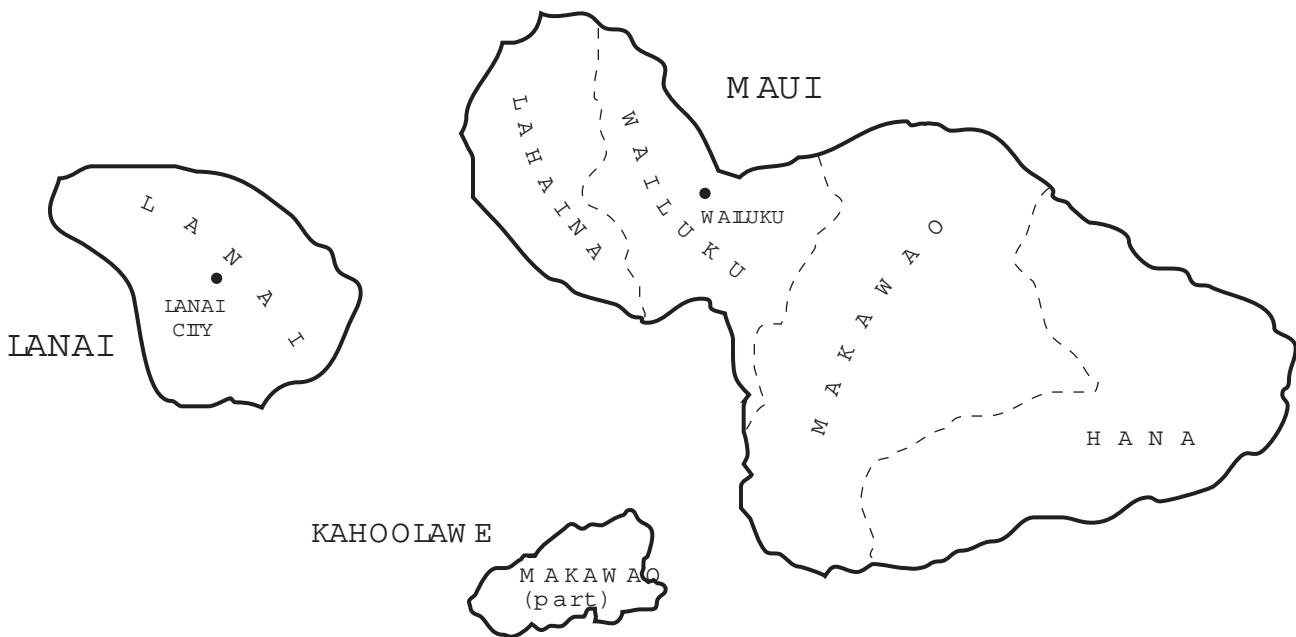
1.2.1

MAUI COUNTY AND DISTRICTS



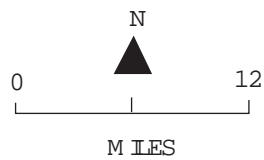
\*Kalawao is officially designated as a separate county but is usually treated as a district of Maui for statistical purposes.

MOLOKAI



KAHOOLAWE

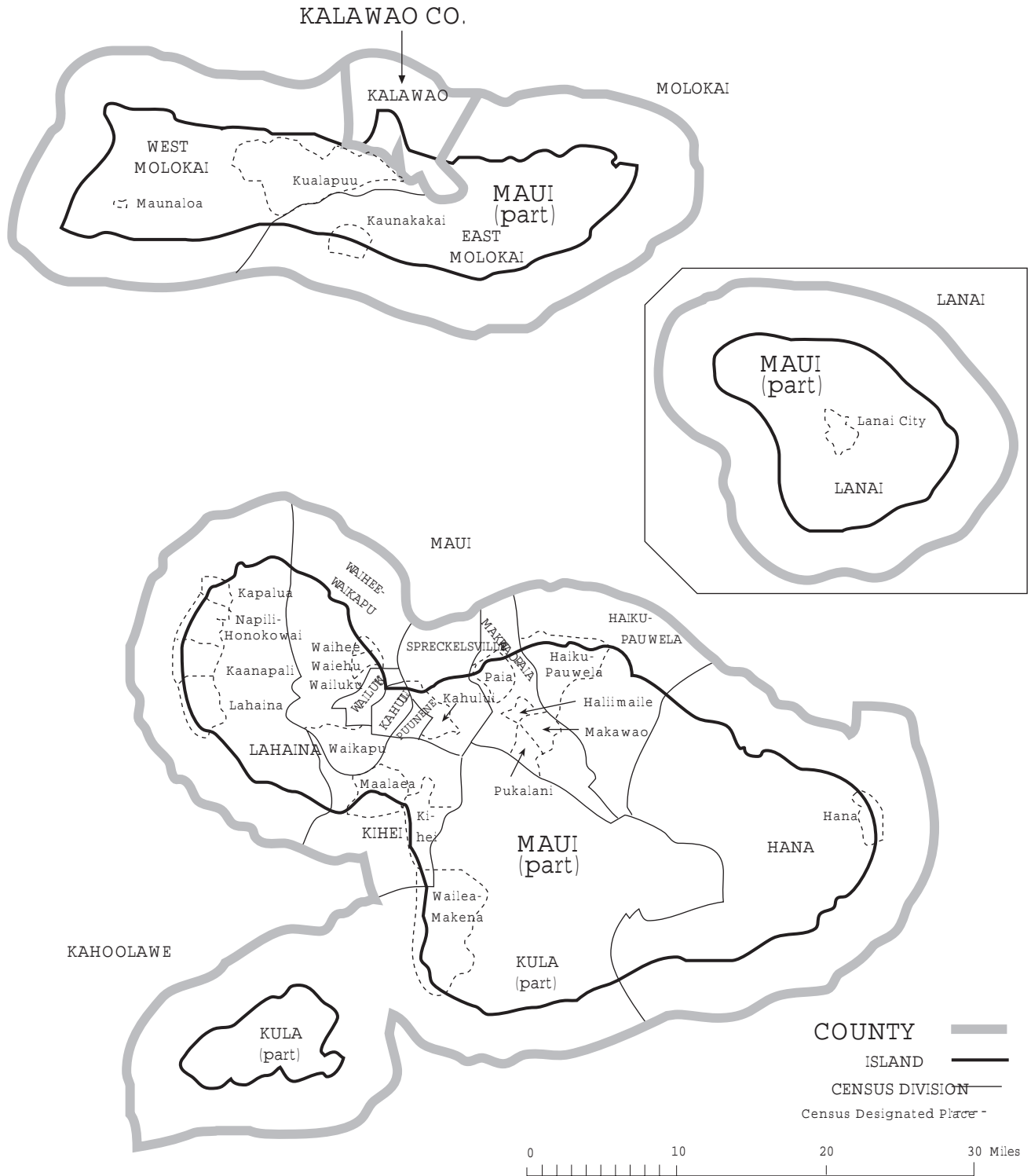
MAKAWAO (part)



SOURCE: HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, 1991.

1.2.2

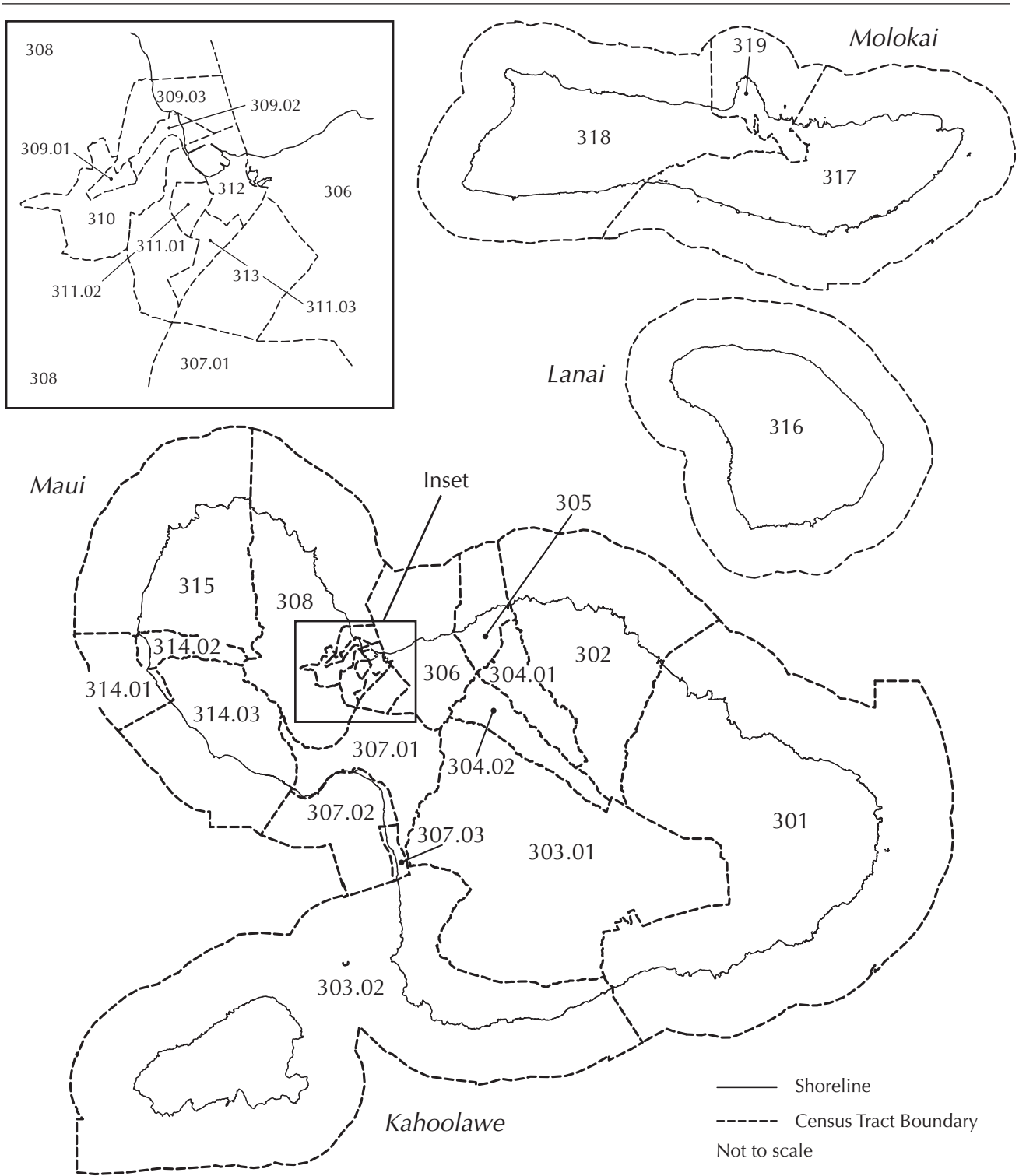
MAUI COUNTY SUBDIVISIONS AND PLACES



SOURCE: U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS, 2001.

1.2.3

MAUI COUNTY CENSUS TRACTS



SOURCE: U.S. BUREAU OF THE CENSUS, REDISTRICTING CENSUS2000 TIGER/LINE FILES, PROCESSED BY THE HAWAII SBDC NETWORK, HAWAII 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>	Honolulu County	Hawai'i County	Kaua'i County	State Total
July 1, 1981	74,000	767,600	96,100	40,500	978,200
July 1, 1982	77,100	776,100	98,800	41,800	993,800
July 1, 1983	80,100	789,100	100,800	42,800	1,012,700
July 1, 1984	83,000	797,800	103,500	43,600	1,027,900
July 1, 1985	85,100	804,300	105,900	44,400	1,039,700
July 1, 1986	87,400	810,400	108,400	45,600	1,051,800
July 1, 1987	90,500	818,400	111,700	47,200	1,067,900
July 1, 1988	93,800	824,100	113,400	48,500	1,079,800
July 1, 1989	96,800	831,300	116,600	49,800	1,094,600
July 1, 1990	101,709	838,534	121,572	51,676	1,108,229
July 1, 1991	105,599	850,510	127,266	53,379	1,136,754
July 1, 1992	108,585	863,959	131,630	54,439	1,158,613
July 1, 1993	111,944	870,348	135,085	55,461	1,172,838
July 1, 1994	114,754	878,591	137,713	56,478	1,187,536
July 1, 1995	117,895	881,399	140,492	57,068	1,196,854
July 1, 1996	120,689	883,443	141,935	57,688	1,203,755
July 1, 1997	122,772	886,711	144,445	57,712	1,211,640
July 1, 1998	124,648	886,909	145,833	57,843	1,215,233
July 1, 1999	126,160	878,906	146,970	58,264	1,210,300
July 1, 2000	128,899	875,061	149,095	58,511	1,211,566
July 1, 2001	131,487	877,189	150,881	58,748	1,218,305
July 1, 2002	132,805	882,628	153,170	59,466	1,228,069
July 1, 2003	134,871	888,026	156,340	60,061	1,239,298
July 1, 2004	137,136	894,406	160,170	61,070	1,252,782
July 1, 2005	139,131	900,340	164,887	61,759	1,266,117
July 1, 2006	140,513	903,467	169,540	62,079	1,275,599
July 1, 2007	142,025	898,695	173,190	62,922	1,276,832
July 1, 2008	144,462	902,745	176,399	63,875	1,287,481
July 1, 2009	145,240	907,574	177,835	64,529	1,295,178

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

SOURCE: U.S. CENSUS BUREAU

### 1.3.2

## DE FACTO POPULATION, BY COUNTIES

*Includes all persons physically present in area, regardless of military status or usual place of residence. Includes visitors present but excludes residents temporarily absent.*

*Both calculated as averages for 12-month periods centered on estimate date.*

<b>Date</b>	<b>Maui County<sup>1</sup></b>	<b>City &amp; County of Honolulu</b>	<b>Hawai'i County</b>	<b>Kaua'i County</b>	<b>State Total</b>
July 1, 1981	89,000	824,700	101,700	47,300	1,062,600
July 1, 1982	94,200	837,600	104,300	48,400	1,084,600
July 1, 1983	10,400	846,300	108,500	50,500	1,109,200
July 1, 1984	114,400	852,300	109,600	54,100	1,130,500
July 1, 1985	115,400	854,800	112,500	55,200	1,137,800
July 1, 1986	120,100	871,000	116,600	59,700	1,167,500
July 1, 1987	123,100	881,000	120,400	62,100	1,186,500
July 1, 1988	125,700	888,200	122,200	64,200	1,200,400
July 1, 1989	139,200	905,900	132,300	68,100	1,245,600
July 1, 1990	138,390	913,268	137,103	68,558	1,257,319
July 1, 1991	139,703	901,717	141,240	69,605	1,252,265
July 1, 1992	146,651	912,514	146,421	66,076	1,271,662
July 1, 1993	149,067	909,506	148,014	61,262	1,267,849
July 1, 1994	152,434	919,898	150,311	67,161	1,289,804
July 1, 1995	155,144	921,626	152,482	68,844	1,298,096
July 1, 1996	157,468	921,609	154,364	70,474	1,303,915
July 1, 1997	162,011	932,931	161,225	71,763	1,327,930
July 1, 1998	163,562	931,439	165,205	73,920	1,334,125
July 1, 1999	165,743	927,689	164,570	74,441	1,332,442
July 1, 2000	168,471	924,624	166,280	74,677	1,334,052
July 1, 2001	167,904	921,147	167,322	73,613	1,329,986
July 1, 2002	170,524	926,225	170,378	74,380	1,341,507
July 1, 2003	173,319	925,595	172,581	75,404	1,346,899
July 1, 2004	176,544	935,671	177,425	77,142	1,366,782
July 1, 2005	180,670	941,498	185,262	78,457	1,385,888
July 1, 2006	182,958	943,913	190,012	79,501	1,396,384
July 1, 2007	183,783	936,937	192,180	81,718	1,394,618
July 1, 2008	182,369	931,973	193,306	80,240	1,387,888
July 1, 2009	181,052	936,600	193,253	80,112	1,391,017

SOURCE: HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, TOURISM RESEARCH BRANCH; CALCULATIONS BY DBEDT.

## 1.3.3

## RESIDENT POPULATION BY COUNTIES AND DISTRICTS

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

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

SOURCE: U.S. CENSUS BUREAU



### 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>
Haiku-Pa'uwela division	8,377	59.9	139.8
Hāna division	1,855	180.5	10.3
Kahului division	20,134	5.8	3,501.4
Kīhei division	19,843	38.8	511.5
Kula division	9,729	263.4	36.9
Lahaina division	17,967	95.9	187.4
Makawao-Pā'ia division	18,370	43.3	424.1
Pu'unene division	12	4.6	2.6
Spreckelsville division	337	19.8	17.0
Waihe'e-Waikapū division	3,397	54.6	62.2
Wailuku division	17,623	5.3	3,324.4
Hai'kū-Pa'uwela CDP	6,578	15.8	417.5
Hāli'imaile CDP	895	1.7	534.0
Hana CDP	709	2.2	326.0
Kā'anapali CDP	1,375	4.9	282.8
Kahului CDP	20,146	15.2	1,328.7
Kapalua CDP	467	1.7	272.9
Kīhei CDP	16,749	10.2	1,648.6
Lahaina CDP	9,118	5.8	1,584.7
Ma'alaea CDP	454	4.8	95.3
Makawao CDP	6,327	4.7	1,353.8
Nāpili-Honokōwai CDP	6,788	5.9	1,153.9
Pā'ia CDP	2,499	6.1	410.8
Pukalani CDP	7,380	4.4	1,671.1
Waihe'e-Waikapū CDP	7,310	4.3	1,718.5
Waikapū CDP	1,115	11.0	101.6
Wailea-Mākena CDP	5,671	22.6	250.6
Wailuku CDP	12,296	5.1	2,427.4
<b>Moloka'i</b>	<b>7,404</b>	<b>260.0</b>	<b>28.5</b>
Kalawao County (Kalaupapa)	147	13.2	11.1
East Moloka'i CCD	4,688	119.4	39.3
West Moloka'i CCD	2,569	127.4	20.2
Kaunakakai CDP	2,726	2.0	1,342.7
Kualapu'u CDP	1,936	30.5	63.5
Maunaloa CDP	230	0.2	1,374.6
<b>Lāna'i</b>	<b>3,193</b>	<b>140.5</b>	<b>22.7</b>
Lāna'i City CDP	3,164	3.6	885.5

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

SOURCE: U.S. BUREAU OF THE CENSUS, CENSUS 2000 REDISTRICTING DATA SUMMARY: HAWAII (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	1089
307.02	8,057	2,974
307.03	8,207	3494
308	3,397	1050
309.01	2,437	963
309.02	2,661	971
309.03	6,682	1,637
310	5,843	2,221
311.01	6,908	1,938
311.02	4,730	1,500
311.03	4,720	1,231
312	3,776	1,206
313	12	5
<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>1161</b>
316	3,193	1161
<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: HAWAII (JULY 2001).

1.3.6

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

	SEX		RACE (ALONE OR IN COMBINATION)										
			Black or African American			American Indian and Alaska Native		Asian		Native Hawaiian and Other Pacific Islander		Hispanic or Latino (any race)	
	Total Population	Male	Female	White	Black or African American	American Indian and Alaska Native	Asian	Hawaiian and Other Pacific Islander	Some other race	Hispanic or Latino (any race)			
<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>			
Haiku-Pa'uwela division	8,377	4,272	4,105	6,347	124	273	2,109	1,917	352	1,106			
Haiku-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'alaea CDP	454	240	214	405	2	5	46	18	9	27			
Wailea-Makena CDP (part)	2,630	1,347	1,283	2,119	51	56	505	211	82	236			
Kula division	9,729	4,783	4,946	7,369	78	201	2,513	1,202	283	751			
Wailea-Makena CDP (part)	3,041	1,532	1,509	2,620	30	48	432	159	53	163			
Lahaina division	17,967	9,303	8,664	9,330	184	335	7,387	3,341	992	2,118			
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			
Hāi'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

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

SOURCE: U.S. BUREAU OF THE CENSUS, CENSUS 2000 SUMMARY FILE 1: HAWAII (JULY 2001).

1.3.7

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

Population by Age	Total	<5	5-9	10-17	18-21	22-24	25-34	35-44	45-54	55-59	60-64	65-74	75-84	>85	Median
<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>
Haiku-Pa'uwela	8,377	586	613	946	349	271	1,201	1,668	1,568	408	210	311	191	55	36.5
Haiku-Pa'uwelaCDP	6,578	458	506	747	282	206	956	1,303	1,182	322	167	253	145	51	36.1
Hāna division	1,855	134	135	284	91	65	207	215	345	105	82	110	63	19	35.6
Hāna CDP	709	62	60	102	39	39	89	72	110	39	28	41	25	3	30.7
Kahului division	20,134	1,438	1,456	2,295	1,051	806	2,797	2,770	2,307	990	861	1,621	1,273	469	35.8
Kahului CDP (part)	20,134	1,438	1,456	2,295	1,051	806	2,797	2,770	2,307	990	861	1,621	1,273	469	35.8
Kīhei 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
Kīhei 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
Hali'imaile CDP	895	43	48	112	59	44	135	123	119	25	34	71	52	30	35.9
Makawao CDP	6,327	469	490	912	297	201	838	1,184	1,026	278	174	259	155	44	34.

## 1.3.7

## CONTINUED

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

SOURCE: U.S. BUREAU OF THE CENSUS, CENSUS 2000 SUMMARY FILE 1: HAWAII (JULY 2001).

1.3.8

**POPULATION BY RACE, MAUI COUNTY**

	Estimate	Percent
<b>Total population</b>	<b>141,698</b>	<b>100.00%</b>
One race	107,912	76.20%
Two or more races	33,786	23.80%
<b>One race</b>	<b>107,912</b>	<b>76.20%</b>
White	54,371	38.40%
Black or African American	969	0.70%
American Indian and Alaska Native	263	0.20%
Asian	36,282	25.60%
Asian Indian	208	0.10%
Chinese	852	0.60%
Filipino	21,108	14.90%
Japanese	10,059	7.10%
Korean	1,259	0.90%
Vietnamese	355	0.30%
Other Asian	2,441	1.70%
Native Hawaiian and Other Pacific Islander	14,441	10.20%
Native Hawaiian	11,673	8.20%
Guamanian or Chamorro	29	0.00%
Samoan	320	0.20%
Other Pacific Islander	2,419	1.70%
Some other race	1,586	1.10%
<b>Two or more races</b>	<b>33,786</b>	<b>23.80%</b>
White and Black or African American	219	0.20%
White and American Indian and Alaska Native	1,222	0.90%
White and Asian	6,553	4.60%

SOURCE: U.S. CENSUS, 2006-2008 AMERICAN COMMUNITY SURVEY

### 1.3.9

## COMPONENTS OF CHANGE IN THE RESIDENT POPULATION OF MAUI COUNTY

Change	Births	Deaths	Natural Increase	Net International Migration	Net Domestic Migration	Numeric Population Change
7/1/2001 to 7/1/2002	1,818	891	927	623	-83	1,323
7/1/2002 to 7/1/2003	1,893	791	1,102	550	582	2,070
7/1/2003 to 7/1/2004	1,876	861	1,015	528	861	2,275
7/1/2004 to 7/1/2005	1,914	884	1,030	578	536	1,995
7/1/2005 to 7/1/2006	1,937	867	1,070	576	-146	1,395
7/1/2006 to 7/1/2007	2,112	944	1,168	518	-129	1,523
7/1/2007 to 7/1/2008	2,177	1,007	1,170	504	790	2,448
7/1/2008 to 7/1/2009	2,108	981	1,127	496	-823	779

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. CENSUS, POPULATION ESTIMATES PROGRAM, "COUNTY POPULATION ESTIMATES AND DEMOGRAPHICS COMPONENTS OF POPULATION CHANGE". APRIL 1, 2000 TO JULY 1, 2009 DATASE



1.3.10

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

<b>Residency</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Both Bride and Groom are Residents	998	957	949	968	995	993	NA
Only One is a Resident	69	51	48	48	57	61	NA
Both Bride and Groom are Non-Residents	8,653	9,012	8,835	8,563	7,717	7,558	5,596
<b>Total</b>	<b>9,720</b>	<b>10,020</b>	<b>9,832</b>	<b>9,579</b>	<b>8,769</b>	<b>8,612</b>	<b>6,514</b>

<sup>1</sup> Includes Kalawao.

NA: Not available

SOURCE: STATE OF HAWAII, DEPARTMENT OF HEALTH, VITAL STATISTICS

1.3.11

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

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>January</b>	511	487	462	415	330	332
<b>February</b>	584	591	540	476	424	339
<b>March</b>	651	702	592	517	429	423
<b>April</b>	735	717	621	629	462	287
<b>May</b>	1,048	969	871	714	688	NA
<b>June</b>	806	848	673	592	514	NA
<b>July</b>	739	738	849	519	503	NA
<b>August</b>	824	687	673	655	474	NA
<b>September</b>	892	871	737	626	597	NA
<b>October</b>	932	855	776	601	563	NA
<b>November</b>	652	593	533	401	384	NA
<b>December</b>	458	503	390	356	228	NA

<sup>1</sup> Includes Kalawao.

NA: Not available.

SOURCE: STATE OF HAWAII, DEPARTMENT OF HEALTH, VITAL STATISTICS.

## 1.3.12

## LIVE BIRTHS MAUI COUNTY BY ZIP CODE

*Calendar year and place of mother's residence*

Zip Code	Location	2003	2004	2005	2006	2007	2008
<b>Maui Island</b>							
96708	Haiku	99	101	129	139	127	120
96713	Hāna	29	33	29	33	35	26
96732	Kahului	350	303	344	343	412	417
96753	Kīhei	306	347	305	343	325	335
96761	Lahaina	279	296	299	288	329	311
96768	Makawao/Pukalani	226	232	221	239	233	243
96779	Pā'ia	40	43	27	37	40	33
96784	Pu'unēnē	0	9	0	0	0	0
96790	Kula	70	78	65	74	91	79
96793	Wailuku	350	333	330	371	408	414
<b>Lāna'i</b>							
96763	Lāna'i City	37	26	49	41	46	50
<b>Moloka'i</b>							
96729	Ho'olehua	13	19	13	18	19	18
96748	Kaunakakai	49	55	57	64	63	71
96757	Kualapu'u	13	9	13	13	9	12
96770	Maunaloa	8	9	14	15	8	7
<b>Unknown</b>		0	11	14	9	8	10
<b>Total</b>		<b>1,878</b>	<b>1,895</b>	<b>1,909</b>	<b>2,027</b>	<b>2,153</b>	<b>2,146</b>

SOURCE: HAWAII STATE DEPARTMENT OF HEALTH, OFFICE OF HEALTH STATUS MONITORING, RECORDS.

1.3.13

**CHARACTERISTICS OF LIVE BIRTHS  
MAUI COUNTY**

<b>Characteristic</b>	<b>2006</b>	<b>Percent</b>	<b>2007</b>	<b>Percent</b>	<b>2008</b>	<b>Percent</b>
<b>Births by Area of Residence</b>						
Maui County	2,027	100.00%	2,153	100.00%	2,146	100.00%
Maui	1,874	92.45%	2,004	93.08%	1,987	92.59%
Moloka'i	112	5.53%	103	4.78%	109	5.08%
Lāna'i	41	2.02%	46	2.14%	50	2.33%
<b>Ethnicity of Child</b>						
Caucasian	444	21.90%	444	20.62%	475	22.13%
Hawaiian	890	43.91%	921	42.78%	890	41.47%
Chinese	21	1.04%	24	1.11%	26	1.21%
Filipino	373	18.40%	395	18.35%	398	18.55%
Japanese	93	4.59%	128	5.95%	90	4.19%
All Other	206	10.16%	241	11.19%	267	12.44%
<b>Total</b>	<b>2,027</b>	<b>100.00%</b>	<b>2,153</b>	<b>100.00%</b>	<b>2,146</b>	<b>100.00%</b>
<b>Ethnicity of Mother</b>						
Caucasian	591	29.16%	591	27.45%	604	28.15%
Hawaiian	675	33.30%	680	31.58%	685	31.92%
Chinese	22	1.09%	25	1.16%	24	1.12%
Filipino	421	20.77%	460	21.37%	445	20.74%
Japanese	116	5.72%	159	7.39%	131	6.10%
All Other	202	9.97%	237	11.01%	257	11.98%
<b>Total</b>	<b>2,027</b>	<b>100.00%</b>	<b>2,153</b>	<b>100.00%</b>	<b>2,146</b>	<b>100.00%</b>

SOURCE: HAWAII STATE DEPARTMENT OF HEALTH, OFFICE OF HEALTH STATUS MONITORING, RECORDS.

1.3.14

**MAUI COUNTY TOTAL RESIDENT POPULATION PROJECTIONS  
BY 5-YEAR AGE GROUP, 2005-2035**

Age group (years)	2005	2010	2015	2020	2025	2030	2035
0 - 4	8,975	9,967	10,428	10,501	10,675	11,299	11,988
5 - 9	8,654	8,960	10,290	10,753	10,807	10,960	11,580
10 - 14	9,056	8,070	8,982	10,314	10,762	10,799	10,949
15 - 19	8,476	8,743	8,312	9,223	10,543	10,978	11,014
20 - 24	8,575	8,218	9,469	9,021	9,911	11,207	11,638
25 - 29	10,186	10,514	9,153	10,393	9,919	10,776	12,063
30 - 34	9,913	10,676	11,044	9,696	10,912	10,419	11,270
35 - 39	10,266	10,389	10,867	11,236	9,882	11,077	10,584
40 - 44	10,762	10,506	10,846	11,333	11,692	10,340	11,530
45 - 49	11,628	10,837	10,652	10,993	11,474	11,825	10,489
50 - 54	10,701	11,187	10,955	10,786	11,124	11,599	11,953
55 - 59	8,910	10,624	11,845	11,634	11,475	11,813	12,294
60 - 64	6,492	8,723	10,646	11,858	11,672	11,535	11,880
65 - 69	4,546	6,090	8,771	10,629	11,818	11,671	11,573
70 - 74	3,511	4,202	5,906	8,422	10,189	11,345	11,253
75 - 79	3,278	3,111	3,773	5,332	7,640	9,289	10,401
80 - 84	2,574	2,625	2,628	3,217	4,573	6,591	8,073
85 +	2,241	3,010	3,475	3,725	4,336	5,776	8,196
<b>Total</b>	<b>138,744</b>	<b>146,452</b>	<b>158,043</b>	<b>169,066</b>	<b>179,404</b>	<b>189,300</b>	<b>198,727</b>

Share (%)	2005	2010	2015	2020	2025	2030	2035
0 - 4	6.5	6.8	6.6	6.2	6.0	6.0	6.0
5 - 9	6.2	6.1	6.5	6.4	6.0	5.8	5.8
10 - 14	6.5	5.5	5.7	6.1	6.0	5.7	5.5
15 - 19	6.1	6.0	5.3	5.5	5.9	5.8	5.5
20 - 24	6.2	5.6	6.0	5.3	5.5	5.9	5.9
25 - 29	7.3	7.2	5.8	6.1	5.5	5.7	6.1
30 - 34	7.1	7.3	7.0	5.7	6.1	5.5	5.7
35 - 39	7.4	7.1	6.9	6.6	5.5	5.9	5.3
40 - 44	7.8	7.2	6.9	6.7	6.5	5.5	5.8
45 - 49	8.4	7.4	6.7	6.5	6.4	6.2	5.3
50 - 54	7.7	7.6	6.9	6.4	6.2	6.1	6.0
55 - 59	6.4	7.3	7.5	6.9	6.4	6.2	6.2
60 - 64	4.7	6.0	6.7	7.0	6.5	6.1	6.0
65 - 69	3.3	4.2	5.5	6.3	6.6	6.2	5.8
70 - 74	2.5	2.9	3.7	5.0	5.7	6.0	5.7
75 - 79	2.4	2.1	2.4	3.2	4.3	4.9	5.2
80 - 84	1.9	1.8	1.7	1.9	2.5	3.5	4.1
85 +	1.6	2.1	2.2	2.2	2.4	3.1	4.1
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

SOURCE: STATE OF HAWAII, DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT, AND TOURISM, RESEARCH AND ECONOMIC ANALYSIS DIVISION, "POPULATION AND ECONOMIC PROJECTIONS FOR THE STATE OF HAWAII TO 2035."

1.3.15

**ECONOMIC PROJECTIONS, MAUI COUNTY 2007 TO 2035**

	2007	2015	2020	2025	2030	2035
Total personal income (mil. 2000 \$)	4,073	4,640	5,080	5,550	6,040	6,560
Per capita personal income (2000 \$)	28,783	29,370	30,060	30,930	31,920	33,030
Total civilian wage and salary jobs	76,730	81,810	86,670	91,390	95,870	100,180
Agriculture	2,043	2,100	2,140	2,180	2,230	2,270
Mining and construction	5,075	5,350	5,750	6,070	6,370	6,670
Food processing	560	570	580	590	600	610
Other manufacturing	807	840	870	890	910	930
Transportation	3,273	3,530	3,730	3,940	4,140	4,340
Information	849	900	950	1,000	1,050	1,090
Utilities	463	490	510	530	550	570
Wholesale trade	1,422	1,530	1,620	1,710	1,800	1,890
Retail trade	10,339	10,960	11,540	12,100	12,600	13,070
Finance and insurance	930	980	1,040	1,100	1,150	1,200
Real estate and rentals	2,167	2,220	2,300	2,370	2,430	2,480
Professional services	1,585	1,690	1,800	1,910	2,020	2,120
Business services	5,369	5,560	5,870	6,140	6,400	6,620
Educational services	1,125	1,200	1,270	1,340	1,410	1,470
Health services	4,945	5,610	6,180	6,780	7,400	8,060
Arts and entertainment	2,479	2,580	2,710	2,840	2,950	3,070
Hotels	11,610	12,560	13,300	14,010	14,710	15,340
Eating and drinking	8,443	8,750	9,180	9,570	9,920	10,250
Other services	3,406	3,620	3,830	4,050	4,250	4,440
Government	9,840	10,780	11,520	12,270	12,980	13,680
Visitor Arrivals (1,000)	2,522	2,426	2,575	2,697	2,794	2,899
Visitor Days (1,000)	18,696	18,191	19,312	20,226	20,957	21,743
Visitor Expenditures (mil. 2000\$)	2,958	3,128	3,336	3,509	3,669	3,796
Hotel Rooms	19,879	19,879	19,879	20,596	21,339	22,139
Hotel Occupancy Rate	76.5	82.9	82.9	82.9	82.9	82.9

SOURCE: STATE OF HAWAII, DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT, AND TOURISM, RESEARCH AND ECONOMIC ANALYSIS DIVISION, "POPULATION AND ECONOMIC PROJECTIONS FOR THE STATE OF HAWAII TO 2035"

1.4.1

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

Year	Kahului-Wailuku	Maui County	Hawai'i County	Kaua'i County	City & County of Honolulu	State Total
<b>Total Personal Income, (x\$1,000)</b>						
1995	2,624,128	2,624,128	2,580,190	1,246,762	23,661,186	30,112,266
1996	2,667,562	2,667,562	2,659,257	1,250,314	23,821,685	30,398,818
1997	2,756,467	2,756,467	2,733,775	1,272,788	24,608,562	31,371,592
1998	2,925,835	2,925,835	2,917,495	1,314,014	25,101,663	32,259,007
1999	3,133,723	3,133,723	3,050,964	1,361,797	25,697,260	33,243,744
2000	3,348,775	3,348,775	3,299,794	1,464,696	27,108,398	35,221,663
2001	3,506,671	3,506,671	3,478,755	1,491,802	27,459,274	35,936,502
2002	3,699,388	3,699,388	3,697,485	1,541,083	28,537,492	37,475,448
2003	3,839,546	3,839,546	3,869,362	1,618,576	29,704,539	39,032,023
2004	4,190,936	4,190,936	4,223,829	1,769,375	32,100,916	42,285,056
2005	4,525,613	4,525,613	4,638,838	1,903,776	34,263,920	45,332,147
2006	4,979,726	4,979,726	5,064,624	2,058,958	37,020,255	49,123,563
2007	5,301,137	5,301,137	5,453,841	2,240,380	39,257,714	52,253,072
2008	5,420,287	5,420,287	5,640,888	2,305,440	40,808,595	54,175,210
<b>Per Capita Income, in (\$)</b>						
1995	22,258	22,258	18,365	21,847	26,845	25,160
1996	22,103	22,103	18,736	21,674	26,965	25,253
1997	22,452	22,452	18,926	22,054	27,753	25,892
1998	23,473	23,473	20,006	22,717	28,302	26,546
1999	24,839	24,839	20,759	23,373	29,238	27,467
2000	25,980	25,980	22,132	25,033	30,979	29,071
2001	26,669	26,669	23,056	25,393	31,304	29,497
2002	27,856	27,856	24,140	25,915	32,332	30,516
2003	28,468	28,468	24,750	26,949	33,450	31,495
2004	30,560	30,560	26,371	28,973	35,891	33,753
2005	32,528	32,528	28,133	30,826	38,057	35,804
2006	35,440	35,440	29,873	33,167	40,976	38,510
2007	37,325	37,325	31,491	35,606	43,683	40,924
2008	37,521	37,521	31,978	36,093	45,205	42,078

SOURCE: REGIONAL ECONOMIC INFORMATION SYSTEM, BUREAU OF ECONOMIC ANALYSIS, U.S. DEPARTMENT OF COMMERCE.

## 1.4.2

## EARNINGS BY DETAILED INDUSTRY MAUI COUNTY, 2008

Earnings by Industry	2008	Earnings by Industry	2008
<b>Personal income</b>	<b>5,420,287</b>	<b>Nondurable goods manufacturing</b>	<b>80,787</b>
<b>Population (persons)</b>	<b>144,462</b>	Food manufacturing	38,128
<b>Per capita personal income (dollars)</b>	<b>37,521</b>	Beverage & tobacco product manufacturing	2,660
<b>Earnings by place of work</b>	<b>4,047,998</b>	Textile mills	(L)
less: Contributions for gvt social insurance	432,974	Textile product mills	363
Employee and self-employed contributions	235,955	Apparel manufacturing	(D)
Employer contributions for social insurance	197,019	Leather and allied product manufacturing	105
plus: Adjustment for residence	-30,091	Paper manufacturing	28,025
equals: Net earnings by place of residence	3,584,933	Printing and related support activities	3,505
plus: Dividends, interest, and rent	1,022,162	Petroleum and coal products manufacturing	0
plus: Personal current transfer receipts	813,192	Chemical manufacturing	(D)
<b>Wage and salary disbursements</b>	<b>2,934,736</b>	Plastics and rubber products manufacturing	105
<b>Supplements to wages and salaries</b>	<b>622,142</b>	<b>Wholesale trade</b>	<b>94,436</b>
Employer contributions pension and insurance	425,123	<b>Retail trade</b>	<b>358,144</b>
Employer contributions social insurance	197,019	Motor vehicle and parts dealers	39,369
<b>Proprietors' income</b>	<b>491,120</b>	Furniture and home furnishings stores	15,054
Farm proprietors' income	25,216	Electronics and appliance stores	(D)
Nonfarm proprietors' income	465,904	Building material and garden supply stores	30,337
<b>Farm earnings</b>	<b>91,824</b>	Food and beverage stores	63,206
<b>Nonfarm earnings</b>	<b>3,956,174</b>	Health and personal care stores	27,094
<b>Private earnings</b>	<b>3,277,217</b>	Gasoline stations	19,804
<b>Forestry, fishing, and related activities</b>	<b>(D)</b>	Clothing and clothing accessories stores	53,360
Forestry and logging	(D)	Sporting goods, hobby, book & music stores	15,993
Fishing, hunting, and trapping	(D)	General merchandise stores	47,993
Agriculture and forestry support activities	(D)	Miscellaneous store retailers	37,705
<b>Mining</b>	<b>(D)</b>	Nonstore retailers	(D)
Oil and gas extraction	343	<b>Transportation and warehousing</b>	<b>134,693</b>
Mining (except oil and gas)	(D)	Air transportation	26,864
Support activities for mining	0	Rail transportation	0
<b>Utilities</b>	<b>47,427</b>	Water transportation	(D)
<b>Construction</b>	<b>381,836</b>	Truck transportation	22,903
Construction of buildings	108,783	Transit & ground passenger transportation	13,869
Heavy and civil engineering construction	63,625	Pipeline transportation	0
Specialty trade contractors	209,428	Scenic and sightseeing transportation	46,137
<b>Manufacturing</b>	<b>125,054</b>	Support activities for transportation	12,086
Durable goods manufacturing	44,267	Couriers and messengers	6,429
Wood product manufacturing	(D)	Warehousing and storage	(D)
Nonmetallic mineral product manufacturing	25,457	<b>Information</b>	<b>52,986</b>
Primary metal manufacturing	7,454	Publishing industries, except Internet	15,568
Fabricated metal product manufacturing	(D)	Motion picture & sound recording industries	1,498
Machinery manufacturing	(D)	Broadcasting, except Internet	5,932
Computer and electronic product manufacturing	(D)	Internet publishing and broadcasting	(N)
Electrical equipment and appliance manufacturing	0	Telecommunications	29,496
Motor vehicles, bodies & trailers, & parts manufacturing	67	ISPs, search portals, and data processing	(D)
Other transportation equipment manufacturing	(D)	Other information services	(D)
Furniture and related product manufacturing	(D)		
Miscellaneous manufacturing	4,350		

## 1.4.2

### CONTINUED

Earnings by Industry	2008
<b>Finance and insurance</b>	<b>59,707</b>
Monetary authorities - central bank	0
Credit intermediation and related activities	36,333
Securities, commodity contracts, investments	10,640
Insurance carriers and related activities	12,734
Funds, trusts, and other financial vehicles	0
<b>Real estate and rental and leasing</b>	<b>92,083</b>
Real estate	(D)
Rental and leasing services	(D)
Lessors of nonfinancial intangible assets	(D)
<b>Professional, scientific, and technical services</b>	<b>138,175</b>
<b>Management of companies and enterprises</b>	<b>40,531</b>
<b>Administrative and waste services</b>	<b>200,631</b>
Administrative and support services	188,430
Waste management and remediation services	12,201
<b>Educational services</b>	<b>45,522</b>
<b>Health care and social assistance</b>	<b>276,788</b>
Ambulatory health care services	189,350
Hospitals	(D)
Nursing and residential care facilities	(D)
Social assistance	52,855
<b>Arts, entertainment, and recreation</b>	<b>126,708</b>
Performing arts and spectator sports	59,897
Museums, historical sites, zoos, and parks	5,030
Amusement, gambling, and recreation	61,781
<b>Accommodation and food services</b>	<b>856,623</b>
Accommodation	631,867
Food services and drinking places	224,756
<b>Other services, except public administration</b>	<b>230,330</b>
Repair and maintenance	61,555
Personal and laundry services	77,868
Membership associations and organizations	84,170
Private households	6,737
<b>Government and government enterprises</b>	<b>678,957</b>
Federal, civilian	73,105
Military	52,285
State and local	553,567
State government	384,073
Local government	169,494

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

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

(N): Data not available for this year

SOURCE: U.S. BUREAU OF ECONOMIC ANALYSIS, REGIONAL ECONOMIC INFORMATION SYSTEM, OCTOBER 2010.



### 1.4.3

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

Year	Annual average	First half	Second half	Annual average	First half	Second half
1991 <sup>1</sup>	148.0	146.8	149.1	148.9	147.7	150.1
1992	155.1	153.9	156.4	155.9	154.6	157.2
1993	160.1	158.6	161.6	160.7	159.4	162.0
1994	164.5	163.4	165.7	164.7	163.5	165.8
1995	168.1	166.9	169.4	168.4	167.2	169.7
1996	170.7	170.5	171.0	171.0	170.8	171.2
1997	171.9	172.1	171.8	172.2	172.4	172.0
1998	171.5	172.0	171.0	171.6	172.3	171.0
1999	173.3	172.7	173.8	173.4	173.0	173.9
2000	176.3	175.9	176.7	176.5	176.0	176.9
2001	178.4	178.1	178.7	179.1	178.6	179.5
2002	180.3	180.1	180.4	180.6	180.4	180.7
2003	184.5	183.2	185.7	184.3	183.4	185.3
2004	190.6	189.2	191.9	190.2	188.8	191.5
2005	197.8	195.0	200.6	197.2	194.6	199.8
2006	209.4	206.4	212.3	208.5	205.6	211.4
2007	219.504 <sup>2</sup>	216.620	222.388	218.541	215.681	221.401
2008	228.861	227.334	230.387	228.344	226.738	229.950
2009	230.048	228.070	232.026	228.773	226.462	231.084

Note: See Introduction (General Statistics) for CPI-U and CPI-W definitions

1. 1982-1984 = 100

2. U.S. Bureau of Labor Statistics instituted a 3-decimal presentation beginning January 2007

SOURCE: U.S. BUREAU OF LABOR STATISTICS.

1.4.4

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

Expenditure Item	Maui Index <sup>1</sup>	Honolulu Index <sup>1</sup>	Hawaii Index <sup>2</sup>	Kauai Index <sup>1</sup>	Expenditure Item	Maui Index <sup>1</sup>	Honolulu Index <sup>1</sup>	Hawaii Index <sup>2</sup>	Kauai Index <sup>1</sup>
<b>Food</b>					<b>Transportation</b>				
Cereals and bakery products	129.38	124.98	127.40 <sup>3</sup>	123.69	Motor vehicle costs	112.80	108.89	115.33	111.11
Meats, poultry, fish, and eggs	165.52	160.63	163.39	162.33	Gasoline and motor oil	100.64	101.41	105.84	100.90
Dairy products	123.11	119.77	120.36	121.00	Maintenance and repairs	115.68	105.17	111.28	111.13
Fruits and vegetables	154.50	145.22	140.45	145.09	Vehicle insurance	104.70	110.00	117.54	104.18
Processed foods	173.92	144.06	159.85	172.84	Public transportation	100.14	93.71	96.29	91.43
Other food at home	135.32	136.06	136.16	136.43		210.88	193.26	218.78	218.95
Nonalcoholic beverages	126.95	125.44	138.95	126.21	<b>Medical</b>	<b>88.22</b>	<b>85.88</b>	<b>85.41</b>	<b>84.68</b>
Food away from home	150.17	144.38	138.59	131.80	Health insurance	72.14	72.55	71.97	72.61
Alcoholic beverages	115.31	112.13	110.03	106.60	Medical services	118.90	106.48	108.03	98.94
	114.99	118.38	114.41	112.22	Drugs and medical supplies	99.92	102.70	99.66	106.41
<b>Shelter and Utilities</b>									
Shelter	129.64	131.54	105.21 <sup>3</sup>	119.96	<b>Recreation</b>	<b>104.74</b>	<b>107.42</b>	<b>98.95</b>	<b>98.63</b>
Energy utilities	97.73	115.89	69.00	89.51	Fees and admissions	88.08	87.64	86.99	77.82
Water and other public services	443.26	289.58	414.51	423.64	Television, radios, sound equip	106.89	112.97	105.76	115.26
	90.63	89.70	52.45	59.34	Pets, toys, & playground equip.	124.61	135.71	108.27	122.95
<b>Household Furnishings &amp; Supplies</b>					Other entertainment supplies	113.65	116.74	114.66	107.99
Household operations	102.45	103.09	98.74	100.28	Personal care products	97.82	105.35	102.91	97.05
Housekeeping supplies	93.17	92.48	85.89	82.24	Personal care services	111.28	97.81	86.72	78.04
Housekeeping supplies	115.95	112.71	109.79	116.65	Reading	101.18	104.58	96.08	106.81
Textiles and area rugs	109.09	121.99	110.00	116.26	<b>Education and Communication</b>	<b>98.27</b>	<b>103.74</b>	<b>100.06</b>	<b>97.46</b>
Furniture	99.10	99.58	99.10	99.10	Education	81.32	159.48	88.71	98.03
Major appliances	107.30	108.34	117.29	113.98	Communications	99.21	100.38	100.83	97.08
Small appliances, misc. housewares	117.36	116.85	110.75	112.73	Computers & computer services	100.16	99.94	100.16	100.16
Misc. household equipment	101.27	103.81	98.17	102.44	<b>Miscellaneous</b>	<b>101.72</b>	<b>101.45</b>	<b>100.45</b>	<b>100.66</b>
<b>Apparel and Services</b>					Tobacco products, etc	131.78	135.87	128.29	129.69
Men and boys	107.80	102.26	105.14	103.01	Miscellaneous	107.46	91.43	97.93	99.30
Women and girls	111.16	100.69	113.64	112.41	Personal insurance & pensions	99.74	101.56	99.74	99.74
Children under 2	104.82	89.41	97.40	92.11	<b>Overall Price Index</b>	<b>116.62</b>	<b>116.37</b>	<b>104.71</b>	<b>111.14</b>
Children under 2	124.64	119.16	113.30	121.64	<b>Plus Adjustment Factor</b>	<b>7.00</b>	<b>5.00</b>	<b>7.00</b>	<b>7.00</b>
Footwear	98.23	103.97	97.19	99.10	<b>Index Plus Adjustment Factor</b>	<b>123.62</b>	<b>121.37</b>	<b>111.71</b>	<b>118.14</b>
Other apparel products and services	122.98	132.11	123.75	119.00					

1. Primary category figures from Major Expenditure Groups (MEGs) Index, Subcategory figures from Primary Expenditure Groups (PEGs) Index. 2. Average of Hilo and Kona/Waimea Area Indexes. Note: Surveys conducted by Office of Personnel Management (OPM) in the spring and summer of 2007.  
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, "2007 NONFOREIGN AREA COST-OF-LIVING ALLOWANCE SURVEY REPORT: PACIFIC AND WASHINGTON, DC, AREAS," FEDERAL REGISTER VOL. 73 No. 237, DECEMBER 9, 2008, PP.74861-74896.

1.4.5

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

1982-1984 Average = 100 unless otherwise noted

<b>Group</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>All Items</b>	<b>197.8</b>	<b>209.4</b>	<b>219.504</b>	<b>228.861</b>	<b>230.048</b>
<b>Food and Beverages</b>	<b>185.9</b>	<b>194.2</b>	<b>204.943</b>	<b>216.625</b>	<b>224.317</b>
Food	185.4	193.9	204.85	216.742	224.544
Food at home	191.4	198.9	211	228.319	234.22
Food away from home	176.4	186	195.071	202.257	210.826
Alcoholic Beverages	191.5	197.7	204.337	213.936	219.97
<b>Housing</b>	<b>205.2</b>	<b>222.5</b>	<b>238.428</b>	<b>248.7</b>	<b>249.735</b>
Shelter	221.4	242.2	260.518	266.411	272.988
Rent of Primary Residence	207.6	228.9	247.386	256.216	264.375
Owners' equivalent rent	225	248.3	267.859	274.756	282.507
Fuels and Utilities	179.8	203.3	214.04	283.911	240.284
Household energy	165.4	187.3	192.529	267.903	204.339
Gas (piped) and electricity	163.5	185.2	190.19	264.567	200.994
Electricity	159.2	181.1	185.965	259.99	196.257
Piped gas service	206.9	217.8	224.454	284.13	241.959
Household Furnishings and operations	165.1	162.6	165.368	164.958	164.336
<b>Apparel</b>	<b>102.5</b>	<b>104.4</b>	<b>104.145</b>	<b>105.277</b>	<b>112.811</b>
<b>Transportation</b>	<b>191.6</b>	<b>202.1</b>	<b>205.027</b>	<b>213.998</b>	<b>200.296</b>
Private Transportation	189.1	199.8	202.805	209.161	196.37
Motor Fuel	203.7	234	243.86	284.948	222.322
Gasoline (All types)	209.3	240.4	250.606	292.545	228.06
Gasoline, unleaded regular	220.3	253.5	264.578	310.952	240.837
Gasoline, unleaded midgrade <sup>1</sup>	164.3	188.4	195.918	231.559	179.009
Gasoline, unleaded premium	188.4	215.1	223.726	256.12	202.844

1.4.5

CONTINUED

Group	2005	2006	2007	2008	2009
<b>Medical Care</b>				<b>317.955</b>	<b>321.599</b>
<b>Recreation<sup>2</sup></b>	<b>97.8</b>	<b>101.1</b>	<b>102.572</b>	<b>105.29</b>	<b>105.239</b>
<b>Education and Communication<sup>2</sup></b>	<b>114.3</b>	<b>114</b>	<b>113.967</b>	<b>117.118</b>	<b>122.843</b>
<b>Other goods and services</b>	<b>321</b>	<b>332.1</b>	<b>347.499</b>	<b>365.441</b>	<b>395.186</b>
<b>Special Aggregate Indexes</b>					
All items less shelter	188.1	195.6	201.523	212.804	211.498
All items less medical care	193.5	205.1	214.992	224.234	225.324
All items less energy	200.2	211	221.339	227.534	233.154
All items less food and energy	204.4	215.6	225.932	230.999	236.209
Commodities	164.1	169.1	174.478	181.113	181.015
Commodities less food	149.5	152.9	155.028	159.042	155.374
Nondurables	177.6	186	193.935	205.297	204.923
Nondurables less food	168.6	177.1	181.62	192.548	184.589
Nondurables less food and beverage	167	175.7	180.082	191.108	182.226
Services	227.1	244.2	258.946	270.734	273.114
Services less rent of shelter <sup>3</sup>	234.1	246.1	253.668	275.405	271.298
Services less medical care	222.6	240.4	254.878	266.102	268.028

1. December 1993= 100

2. December 1997= 100

3. December 1982= 100

SOURCE: U.S. DEPARTMENT 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 2007

<b>Facility</b>	<b>Licensed Beds</b>	<b>Inpatient Days</b>	<b>Admissions</b>	<b>Average Stay</b>	<b>Avg. Daily Census</b>
<b>Medical/Surgical</b>					
Lana'i Community Hospital	4	70	28	2.5	4.79
Maui Memorial Hospital	136	44,008	7,210	6.1	88.65
Moloka'i General Hospital	9	407	91	4.5	12.39
<b>Critical Care</b>					
Maui Memorial Hospital	16	4,018	981	4.1	68.80
<b>Obstetric</b>					
Maui Memorial Hospital	23	7,645	3,695	2.1	91.07
Moloka'i General Hospital	2	57	35	1.6	7.81
<b>Psychiatric (Psych)</b>					
Maui Memorial Hospital	18	3,875	607	6.4	58.98
<b>SNF/ICF</b>					
Hale Makua (Wailuku & Kahului)	378	131,870	569	231.8	95.58
Kula Hospital	99	34,944	58	602.5	96.70
Lana'i Community Hospital	10	2,69	19	129.9	67.64
Moloka'i General Hospital	2	730	1	730.0	100.00
<b>Acute/SNF</b>					
Kula Hospital	5	523	27	19.4	28.66
Moloka'i General Hospital	2	401	14	28.6	54.93
<b>Skilled Nursing (SNF)</b>					
Maui Memorial Hospital	4	53	1	53.0	3.63
<b>Mentally Retarded (MR)</b>					
Kula Hospital	9	2,920	1	2,929.0	88.89
<b>Hansen's Disease</b>					
Kalaupapa Care Home	16	1,402	1	1,402.0	24.01
<b>Other(s)</b>					
The Maui Farm, Inc.	6	863	3	287.7	39.41
Ho'omaka Hou	8	645	10	64.5	22.09
<b>Maui County Total</b>	<b>747</b>	<b>236,900</b>	<b>13,351</b>	<b>17.74</b>	<b>64.90</b>

Notes:  
SNF= Skilled Nursing Facility  
ICF = Intermediate Care Facility

SOURCE: HAWAII STATE DEPARTMENT OF HEALTH, STATE HEALTH PLANNING AND DEVELOPMENT AGENCY, INPATIENT FACILITIES UTILIZATION.

## 1.5.2

## ADULT RESIDENTIAL CARE HOMES, MAUI COUNTY

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

Location	Facilities	Beds	Persons <sup>1</sup> age 65+	Beds/1,000 persons age 65+
<b>Type I (up to 5 beds)</b>				
Kahului	6	28	3452	8.11
Kīhei	1	5	1261	3.97
Wailuku	3	15	1874	8.00
Maui Island Total	10	48	14,566	3.30
Molokaʻi	3	15	586	25.60
Lānaʻi	0	0	453	0.00
Maui County Total	13	63	15,605	4.04
Hawaiʻi County	51	225	19,432	11.58
Kauaʻi County	17	77	7,980	9.65
City and County of Honolulu	391	1852	115,946	15.97
<b>State Total</b>	<b>472</b>	<b>2217</b>	<b>157,997</b>	<b>14.03</b>
<b>Type II (more than 5 beds)</b>				
Maui Island	0	0	14,566	0.00
Molokaʻi	0	0	586	0.00
Lānaʻi	0	0	453	0.00
Maui County Total	0	0	15,605	0.00
Hawaiʻi County	0	0	19,432	0.00
Kauaʻi County	1	10	7,980	1.25
City and County of Honolulu	23	383	115,946	3.30
<b>State Total</b>	<b>24</b>	<b>393</b>	<b>157,997</b>	<b>2.49</b>

1. Bureau of the Census, Census 2000

SOURCE: HAWAII STATE DEPARTMENT OF HEALTH, OFFICE OF HEALTH CARE ASSURANCE, VACANCY REPORT- ADULT RESIDENTIAL CARE HOMES AND EXPANDED ADULT RESIDENTIAL CARE HOMES, OCTOBER 2010

## 1.5.3

## HEALTH PRACTITIONERS LICENSED IN HAWAI‘I BY PLACE OF ADDRESS

	Acupuncturist	Chiropractor	Dental Hygienist	Dentist	Massage Therapist
Maui	65	61	77	89	1,303
Moloka‘i	1	2	3	3	18
Lāna‘i	0	1	0	0	6
O‘ahu	273	186	514	809	3,336
Hawai‘i	85	51	64	101	1,007
Kaua‘i	28	23	30	37	493
Subtotal Hawai‘i	452	324	688	1,039	6,163
Mainland	165	134	230	416	903
Foreign/Other	9	7	3	18	104
Total	626	465	921	1,473	7,170

	Certified Physician’s Assistant	Emergency Medical Tech. Basic	Emergency Medical Tech. Paramedic	Physician or Surgeon <sup>1</sup>	Osteopathic Physician and Surgeon
Maui	22	54	38	324	26
Moloka‘i	0	1	4	11	0
Lāna‘i	0	0	0	1	0
O‘ahu	98	232	252	3,135	147
Hawai‘i	7	231	89	388	30
Kaua‘i	6	34	19	159	15
Subtotal Hawai‘i	133	552	402	4,018	218
Mainland	27	9	32	3,521	409
Foreign/Other	0	0	0	64	2
Total	160	561	434	7,603	629

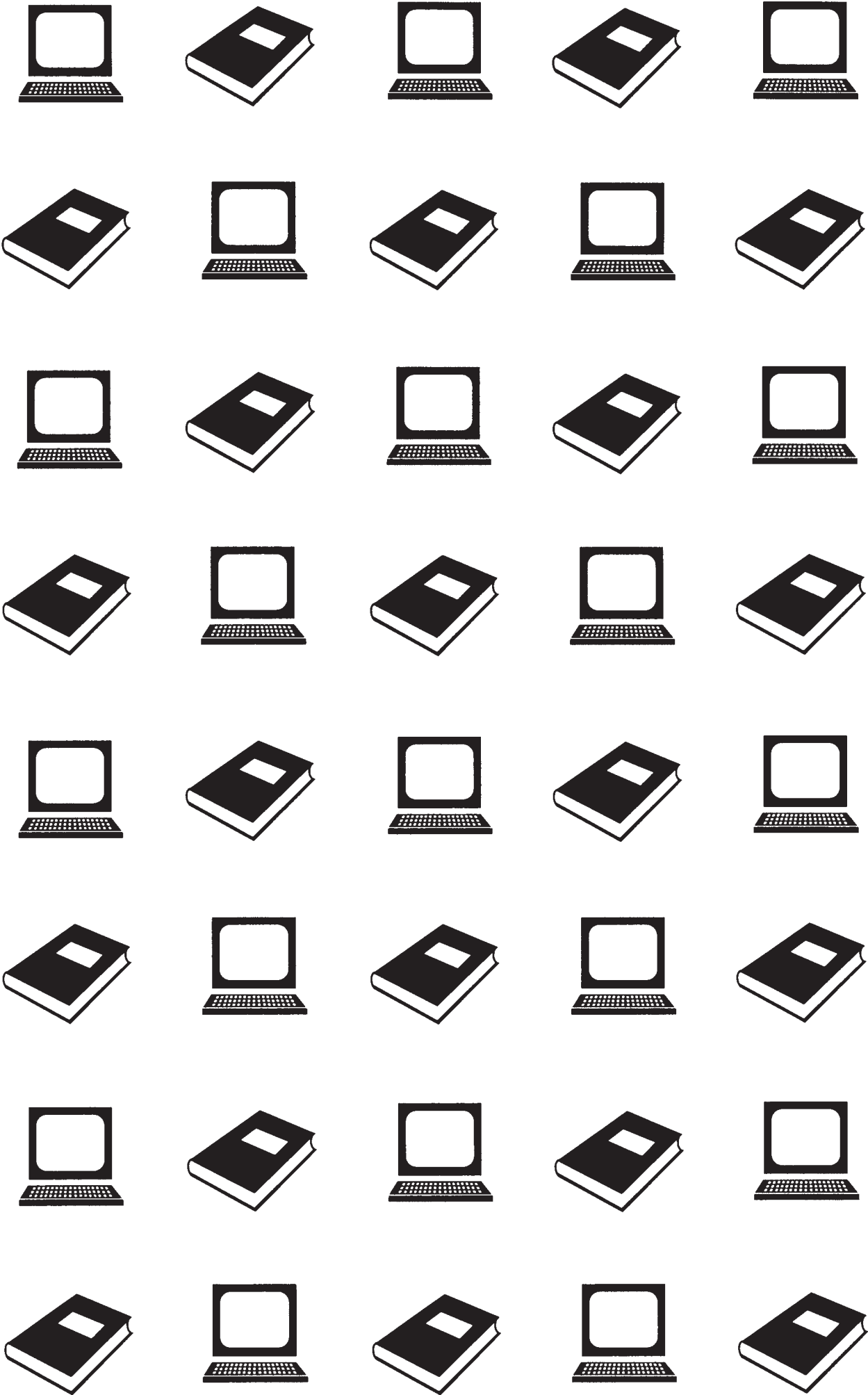
	Licensed Practical Nurse	Registered Nurse	Advanced Practice Registered Nurse	Occupational Therapist	Physical Therapist
Maui	348	1,165	38	35	98
Moloka‘i	7	36	3	1	3
Lāna‘i	2	15	0	0	0
O‘ahu	1,257	9,387	529	254	533
Hawai‘i	352	1,487	79	42	98
Kaua‘i	174	580	34	16	36
Subtotal Hawai‘i	2,140	12,670	683	348	768
Mainland	360	5,792	224	236	543
Foreign/Other	5	119	3	9	15
Total	2,505	18,581	910	593	1,326

	Naturopath	Optometrist	Pharmacist	Podiatrist	Psychologist
Maui	13	23	103	5	42
Moloka‘i	0	0	3	0	1
Lāna‘i	0	0	0	0	0
O‘ahu	27	199	834	26	496
Hawai‘i	21	22	118	5	69
Kaua‘i	8	12	54	1	34
Subtotal Hawai‘i	69	256	1,112	37	642
Mainland	34	119	853	34	209
Foreign/Other	0	2	7	1	4
Total	103	377	1,972	72	855

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

SOURCE: HAWAII STATE DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, PROFESSIONAL AND VOCATIONAL LICENSING DIVISION, LICENSING BRANCH, RECORDS, JULY 28, 2010

# Education





## Section 2

### Education

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

Maui County public and private schools provide educational opportunities for students from pre-kindergarten through senior high school. UH Maui 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. UH Maui 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 UH Maui College Library.

## 2.1

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

<b>Hāna</b>		<b>Kahului/Wailuku</b>	
Hāna High and Elementary	K thru 12	Christ the King Elementary	PreK thru 7
<b>Kīhei</b>		H. Perrine Baldwin High	9 thru 12
Kamali'i Elementary	K thru 5	Emmanuel Lutheran	K thru 8
Kīhei Elementary	K thru 5	ʻĪao Intermediate	6 thru 8
Kīhei Charter School	6 thru 12	Isaiah Center for Excellence	4 thru 12
Lokelani Intermediate	6 thru 8	Ka'ahumanu Hou Christian	K thru 12
Montessori Hale O Keiki	PreK thru 6	Kahului Elementary	K thru 5
<b>Lahaina</b>		Lihikai Elementary	K thru 5
King Kamehameha III Elementary	K thru 5	Maui Adventist	K thru 8
Lahaina Intermediate	6 thru 8	Maui High	9 thru 12
Lahainaluna High	9 thru 12	Maui Waena Intermediate	6 thru 8
Maui Preparatory Academy	PreK thru 10	Pomaika'i Elementary	K thru 5
Princess Nahi'ena'ena Elementary	K thru 5	St. Anthony Grade School	K thru 6
Sacred Hearts Elementary		St. Anthony Junior and Senior High	7 thru 12
<b>UpCountry/North Shore</b>		Waihe'e Elementary	K thru 5
Carden Academy of Maui	K thru 8	Wailuku Elementary	K thru 5
Clearview Christian Girl's School	6 thru 8		
Doris Todd Memorial Christian	PreK thru 8	<b>LĀNA'I</b>	
Haiku Elementary	K thru 5	Lāna'i High and Elementary	K thru 12
Haleakalā Waldorf	PreK thru 8		
Horizons Academy of Maui	K thru 11	<b>MOLOKA'I</b>	
S. Enoka Kalama Intermediate	6 thru 8	Aka'ula School	5 thru 8
Kamehameha School (Maui)	K thru 11	Ho'omana Hou School	9 thru 12
King Kekaulike High	9 thru 12	Kaunakakai Elementary	K thru 6
Kula Elementary	K thru 5	Kilohana Elementary	K thru 6
Makawao Elementary	K thru 5	Kualapu'u Charter School	K thru 6
Maui Christian Academy	7 thru 8	Maunaloa Elementary	K thru 6
Montessori Hale O'Keiki	PreK thru 4	Moloka'i Christian Academy	PreK thru 12
Montessori of Maui	PreK thru 8	Moloka'i High	9 thru 12
Pā'ia Elementary	K thru 5	Moloka'i Intermediate	7 thru 8
Pukalani Elementary	K thru 5		
St. Joseph	K thru 8		
Seabury Hall	6 thru 12		

SOURCES: HAWAII STATE DEPARTMENT OF EDUCATION, RECORDS; HAWAII ASSOCIATION OF INDEPENDENT SCHOOLS, LICENSED PRIVATE SCHOOLS; AND PHONE SURVEY

## 2.2

**PER PUPIL EXPENDITURES BY SCHOOLS  
AND FUNCTIONS, MAUI COUNTY  
2007-2008**

School	Instruction	Instructional Support	Leadership	Operations	Other Commitments
<b>Elementary Schools</b>					
Haiku	5,347.13	3,492.53	569.12	1,733.82	63.69
Kahului	5,504.64	2,718.54	446.88	1,673.58	65.95
Kamali'i	4,474.79	3,070.87	484.19	1,622.06	65.47
Kamehameha III	5,254.87	2,839.96	424.80	1,550.39	64.93
Kaunakakai	8,020.35	6,090.30	917.43	2,506.38	60.91
Kīhei	5,497.34	2,496.80	379.25	1,811.51	66.95
Kilohana	6,470.36	7,259.06	1,501.81	2,893.77	60.95
Kualapu'u Charter School <sup>1</sup>	4,573.53	4,661.24	472.05	1,591.05	99.94
Kula	5,252.62	3,225.76	674.97	1,701.89	65.25
Lihikai	5,115.39	2,968.69	307.75	1,527.54	66.31
Makawao	6,394.81	4,058.88	169.54	1,601.98	102.36
Maunaloa	4,795.89	7,832.66	2,076.58	4,394.88	65.54
Nahi'ena'ena	5,478.39	2,890.32	472.99	1,064.42	65.12
Pā'ia	5,606.33	3,486.35	245.84	1,395.01	67.56
Pukalani	6,224.19	3,479.46	657.81	1,640.62	66.50
Waihe'e	4,821.70	2,745.63	469.76	1,554.44	35.06
Wailuku	5,904.48	2,549.22	390.96	1,604.57	64.79
<b>Intermediate Schools</b>					
Ī'ao	5,134.01	3,106.21	450.04	1,675.81	72.66
Kalama	5,961.30	3,840.07	430.16	1,738.70	59.34
Lahaina	4,946.48	3,536.04	391.64	2,274.27	63.46
Lokelani	4,289.01	3,318.00	464.41	1,484.13	83.43
Maui Waena	5,520.00	3,315.12	452.14	1,470.01	62.93
Moloka'i	8,347.30	5,624.58	634.79	1,704.90	60.89
<b>High Schools</b>					
Baldwin	5,272.46	3,620.23	391.03	1,452.08	63.32
Kīhei Charter School <sup>1</sup>	5,672.38	4,792.53	54.11	730.31	65.02
King Kekaulike	5,075.68	3,896.96	372.69	1,401.24	66.02
Lahainaluna	4,761.03	4,047.14	358.29	1,411.38	59.15
Maui	4,966.88	3,428.96	364.89	1,418.51	61.07
Moloka'i	6,218.80	6,419.69	509.22	2,118.74	59.74
<b>Multi-Level Schools</b>					
Hāna High & Elem.	8,310.50	6,736.26	507.12	2,106.56	60.06
Lāna'i High & Elem.	5,018.38	5,750.80	718.39	1,772.59	66.89

1. Undistributed allotments

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, RECORDS.

## 2.3

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

School	2006	2007	2008	2009	2010
<b>Elementary Schools</b>					
Haiku	412	441	442	421	440
Kahului	895	857	920	956	965
Kamali'i	698	650	653	660	634
Kamehameha III	738	701	689	713	733
Kaunakakai	212	231	225	229	240
Kīhei	793	799	828	870	868
Kilohana	98	111	101	105	88
Kualapu'u Charter School	361	367	379	364	379
Kula	428	455	407	392	415
Lihikai	1,118	1,006	990	970	1003
Makawao	481	493	491	471	461
Maunaloa	57	62	54	61	69
Nahi'ena'ena	625	624	643	610	607
Pā'ia	209	208	211	227	242
Pomaika'i <sup>1</sup>		327	456	542	588
Pukalani	458	479	484	508	513
Waihe'e	823	819	807	764	746
Wailuku	951	894	849	850	871
<b>Intermediate Schools</b>					
Īao	841	818	861	868	884
Kalama	927	894	847	850	843
Lahaina	584	615	683	693	653
Lokelani	692	651	600	569	565
Maui Waena	987	1,015	1,056	1,054	1,068
Moloka'i	160	147	151	171	165
<b>High Schools</b>					
Baldwin	1,559	1602	1,523	1,546	1,592
Kīhei Charter School	218	277	365	436	507
King Kekaulike	1,352	1,354	1,331	1,254	1,147
Lahainaluna	984	996	977	969	1,027
Maui	1,725	1,732	1,765	1,815	1,771
Moloka'i	394	384	360	334	343
<b>Multi-Level Schools</b>					
Hāna High & Elem.	357	327	334	337	340
Lāna'i High & Elem.	609	575	559	542	549

1. School opened 2007 school year

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, RECORDS.

## 2.4

**STUDENT PROFILES,  
MAUI COUNTY PUBLIC SCHOOLS,  
YEAR 2008-09**

School	Fall Enrollment	Students Enrolled for the Entire Year	Receiving Free or Reduced Cost Lunch	Students in Special Education	Students with Limited English Proficiency
<b>Elementary Schools</b>					
Haiku	442	87.3%	39.6%	8.1%	20.9%
Kahului	920	94.7%	54.3%	5.5%	29.2%
Kamali'i	653	89.0%	24.7%	8.1%	8.3%
Kamehameha III	689	93.5%	35.4%	7.1%	31.2%
Kaunakakai	225	92.9%	69.3%	16.0%	6.2%
Kīhei	828	89.0%	49.8%	4.8%	23.2%
Kilohana	101	91.1%	65.3%	9.9%	2.0%
Kualapu'u Charter School	379	93.1%	76.0%	6.9%	4.5%
Kula	407	89.4%	26.8%	7.9%	1.0%
Lihikai	990	91.2%	51.1%	5.2%	25.7%
Makawao	491	90.8%	45.6%	10.8%	10.6%
Maunaloa	54	90.7%	88.9%	3.7%	0.0%
Nahi'ena'ena	643	93.9%	37.3%	10.0%	36.9%
Pā'ia	211	93.8%	40.8%	3.8%	4.3%
Pomaika'i	456	95.4%	15.8%	8.6%	3.3%
Pukalani	484	94.0%	43.4%	7.4%	4.1%
Waihe'e	807	94.2%	40.0%	7.2%	5.0%
Wailuku	849	91.0%	43.7%	8.7%	12.0%
<b>Intermediate Schools</b>					
Īao	861	94.4%	32.2%	8.8%	7.5%
Kalama	847	93.3%	38.5%	14.9%	2.2%
Lahaina	683	96.2%	34.0%	11.7%	18.6%
Lokelani	600	86.2%	35.3%	9.2%	10.5%
Maui Waena	1,056	95.0%	41.9%	10.5%	15.7%
Moloka'i	151	96.0%	78.8%	17.2%	4.6%
<b>High Schools</b>					
Baldwin	1,523	93.6%	24.6%	11.4%	5.6%
King Kekaulike	1,331	92.0%	28.5%	13.9%	2.3%
Lahainaluna	997	91.9%	23.5%	12.7%	14.7%
Maui	1,765	94.2%	29.6%	12.0%	14.7%
Moloka'i	360	92.8%	62.2%	19.4%	5.3%
<b>Multi-Level Schools</b>					
Hāna High & Elem.	334	91.9%	62.3%	16.5%	0.6%
Lāna'i High & Elem.	559	95.9%	22.5%	18.1%	11.4%

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2008-2009.

## 2.5

## ETHNIC PROFILES, MAUI COUNTY PUBLIC SCHOOLS, SCHOOL YEAR 2008-2009

School	Chinese	Filipino	Hawaiian	Part Hawaiian	Japanese	Portuguese	Hispanic	White	Other <sup>1</sup>
<b>Elementary Schools</b>									
Haiku	1.2%	4.2%	1.9%	24.2%	4.7%	1.4%	3.5%	45.9%	13.0%
Kahului	1.1%	53.5%	4.3%	19.1%	3.8%	1.5%	2.6%	3.0%	11.0%
Kamali'i	0.8%	9.7%	1.8%	12.5%	2.8%	0.9%	5.7%	50.2%	15.6%
Kamehameha III	0.8%	11.3%	0.7%	13.1%	1.8%	0.3%	17.2%	20.9%	33.8%
Kaunakakai	0.0%	16.6%	0.4%	71.0%	1.2%	0.0%	0.4%	7.1%	3.3%
Kihei	0.2%	29.3%	1.2%	21.3%	1.4%	0.2%	10.1%	15.6%	20.7%
Kilohana	0.0%	5.0%	4.0%	74.3%	1.0%	0.0%	2.0%	5.0%	9.0%
Kualapu'u Charter	0.0%	7.0%	0.0%	90.2%	0.0%	0.0%	0.0%	1.7%	1.2%
Kula	2.9%	5.3%	6.6%	27.2%	4.9%	4.9%	1.7%	37.9%	8.7%
Lihikai	1.7%	39.2%	4.2%	20.9%	5.8%	1.1%	4.3%	3.8%	18.9%
Makawao	2.4%	12.3%	10.3%	29.8%	4.3%	5.3%	7.5%	12.1%	15.9%
Maunaloa	0.0%	13.1%	8.2%	70.5%	0.0%	0.0%	0.0%	3.3%	4.9%
Nahi'ena'ena	0.8%	43.4%	5.3%	14.9%	2.9%	0.6%	14.0%	3.5%	14.8%
Pā'ia	1.9%	11.2%	16.7%	47.0%	1.9%	1.4%	0.5%	7.4%	12.1%
Pomaika'i	1.9%	30.9%	3.6%	16.5%	16.1%	2.1%	3.6%	15.7%	7.9%
Pukalani	0.8%	15.0%	8.3%	30.6%	9.4%	6.5%	5.4%	11.5%	12.4%
Waihe'e	2.7%	25.6%	15.0%	34.1%	6.1%	1.5%	1.1%	6.3%	7.2%
Wailuku	2.7%	14.4%	7.1%	29.4%	13.0%	2.2%	4.5%	9.3%	15.9%
<b>Intermediate Schools</b>									
Īao	1.8%	22.6%	7.6%	26.9%	14.3%	2.4%	2.4%	8.9%	13.4%
Kalama	1.3%	10.3%	8.2%	31.1%	6.5%	6.4%	3.5%	23.0%	9.7%
Lahaina	0.0%	35.5%	2.7%	15.0%	2.3%	0.6%	12.9%	15.3%	15.6%
Lokelani	0.7%	28.9%	1.8%	11.6%	3.2%	0.7%	8.1%	27.2%	17.9%
Maui Waena	1.0%	46.1%	3.6%	18.7%	7.1%	1.5%	4.5%	3.9%	13.8%
Moloka'i	0.0%	8.4%	5.8%	80.0%	0.6%	0.6%	0.0%	3.9%	0.6%
<b>High Schools</b>									
Baldwin	1.5%	23.5%	5.3%	35.3%	15.2%	1.9%	2.1%	11.2%	13.9%
King Kekaulike	0.8%	10.0%	5.3%	23.8%	7.8%	7.3%	2.9%	31.5%	10.5%
Lahainaluna	0.3%	33.4%	2.4%	17.0%	2.2%	1.4%	8.5%	20.5%	14.1%
Maui	0.3%	48.4%	2.0%	14.5%	4.9%	1.7%	4.7%	8.4%	15.0%
Moloka'i	0.0%	11.8%	9.6%	65.2%	1.7%	0.6%	0.8%	7.6%	2.8%
<b>Multi-Level Schools</b>									
Hāna High & Elem.	0.6%	0.6%	3.6%	79.7%	0.8%	0.8%	1.7%	7.0%	5.3%
Lāna'i High & Elem.	0.5%	57.7%	4.8%	17.9%	3.4%	1.1%	1.3%	6.4%	7.0%

1. Other includes Native American, Black, Korean, Samoan, Indo-Chinese, and Others.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2008-2009.

## 2.6

## COMMUNITY PROFILES, MAUI COUNTY PUBLIC SCHOOLS

School Community	Population	% of Population Aged 5-19	Number of Families	% of Families with Children Under 18	% of Families Headed by Single Mother	Median Household Income	% of Households Receiving Public Assistance Income	% of Families with Children Living in Poverty
State of Hawai'i	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	51.6%	19.9%	\$52,638	5.3%	8.8%
Lahainaluna Complex	17,967	17.3%	3,789	43.2%	19.2%	\$56,315	4.5%	8.9%
Maui Complex	41,634	19.7%	9,630	45.9%	20.6%	\$48,679	6.2%	9.2%
Hāna Complex	1,855	25.0%	406	47.3%	17.2%	\$37,898	7.6%	19.4%
Lāna'i Complex	3,193	22.8%	805	50.1%	16.9%	\$43,642	4.9%	8.9%
Moloka'i Complex	7,257	28.3%	1,761	47.0%	22.5%	\$33,894	14.1%	23.6%

Note: All figures based on 2000 Census

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2008-2009.

## 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 Hawai'i	26.2%	29.9%	28.5%	15.4%
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: All figures based on 2000 Census

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2008-2009.

## 2.8

## SCHOOL COMPLETION, MAUI COUNTY PUBLIC SCHOOLS, SCHOOL YEAR 2008-2009

School	Total Completers <sup>1</sup>	Diploma Graduates	Certificate of Completion	Individual Program	School Dropouts <sup>2</sup>
<b>High Schools</b>					
Baldwin	98.0%	95.9%	0.0%	2.0%	10.9%
King Kekaulike	96.3%	94.8%	0.0%	1.5%	13.4%
Lahainaluna	96.9%	96.9%	0.0%	0.0%	10.8%
Maui	98.2%	96.9%	0.0%	1.3%	12.9%
Moloka'i	98.8%	97.6%	0.0%	1.2%	8.0%
<b>Multi-Level Schools</b>					
Hāna High & Elem.	96.8%	90.3%	0.0%	6.5%	12.1%
Lāna'i High and Elem.	100.0%	97.1%	0.0%	2.9%	11.1%

1. Completers statistics are based on the senior class graduation rate.

2. Dropout rates are based on the cohort of first time 9th graders who dropped out prior to graduation.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2008-2009.



## 2.9

## TEACHING STAFF PROFILES, MAUI COUNTY PUBLIC SCHOOLS, SCHOOL YEAR 2008-2009

School	Teacher Head-count	Teachers With 5 or More Years at this School	Teachers With Advanced Degrees	Average Years Experience	Student Teacher Ratio Regular Instruction	Student Teacher Ratio Special Education
<b>Elementary Schools</b>						
Haiku	25	16	8	13.3	19.3	9.0
Kahului	52	28	12	13.2	19.3	7.3
Kamali'i	42	21	9	9.3	18.2	6.6
Kamehameha III	45	22	15	9.4	17.3	7.0
Kaunakakai	19	10	5	8.8	14.5	6.0
Kīhei	52	29	12	9.7	17.1	6.7
Kilohana	9	2	2	6.9	13.0	6.7
Kualapu'u Charter	27	14	4	6.7	14.7	8.7
Kula	24	15	6	15.9	17.9	16.0
Lihikai	57	39	15	13.6	18.8	7.3
Makawao	36	18	9	13.1	16.5	5.9
Maunaloa	4	1	0	9.8	13.0	0.0
Nahi'ena'ena	43	24	14	9.9	17.8	6.4
Pā'ia	16	8	2	12.5	16.9	2.7
Pomaika'i	30	0	11	8.7	16.7	7.8
Pukalani	31	11	11	11.3	18.7	5.1
Waihe'e	51	32	12	13.1	17.8	7.3
Wailuku	54	29	18	13.7	17.2	8.2
<b>Intermediate Schools</b>						
Īao	47	22	19	9.6	19.6	10.9
Kalama	52	34	22	15.0	17.6	11.5
Lahaina	39	20	18	7.3	18.8	11.4
Lokelani	40	25	12	9.2	15.6	11.0
Maui Waena	61	31	14	11.1	18.2	12.3
Moloka'i	13	10	0	13.9	11.4	13.0
<b>High Schools</b>						
Baldwin	95	55	30	12.7	17.5	9.6
King Kekaulike	87	43	44	8.4	17.6	8.4
Lahainaluna	63	33	21	8.0	16.9	10.3
Maui	103	60	33	10.9	18.7	11.2
Moloka'i	32	22	9	10.0	11.6	10.0
<b>Multi-Level Schools</b>						
Hāna High & Elem.	31	18	10	10.1	10.9	11.0
Lāna'i High & Elem.	46	26	16	9.5	13.5	8.4

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2008-2009.

## 2.10

**SUBJECT PROFICIENCIES, MAUI COUNTY SCHOOLS,  
SCHOOLS YEAR 2008-2009**

<b>School</b>	<b>Grade</b>	<b>% Proficient Reading</b>	<b>% Proficient Math</b>	<b>% Proficient Science</b>
<b>Elementary Schools</b>				
Haiku	5	64%	54%	58%
Kahului	5	50%	46%	30%
Kamali'i	5	61%	38%	46%
Kamehameha III	5	50%	28%	40%
Kaunakakai	5	79%	79%	52%
Kihei	5	65%	65%	45%
Kilohana	5	73%	53%	27%
Kualapu'u Charter School	5	43%	38%	19%
Kula	5	72%	64%	66%
Lihikai	5	61%	39%	31%
Makawao	5	53%	37%	39%
Maunaloa	5	29%	43%	17%
Nahi'ena'ena	5	51%	35%	32%
Pā'ia	5	55%	21%	21%
Pomaika'i	5	56%	40%	43%
Pukalani	5	57%	55%	56%
Waihe'e	5	48%	41%	39%
Wailuku	5	56%	38%	41%
State Average	5	61%	46%	48%
<b>Intermediate Schools</b>				
Īao	7	63%	32%	30%
Kalama	7	59%	36%	38%
Lahaina	7	60%	41%	33%
Lokelani	7	63%	41%	32%
Maui Waena	7	65%	51%	25%
Moloka'i	7	36%	27%	16%
State Average	7	67%	47%	37%
<b>High Schools</b>				
Baldwin	10 & 11 <sup>1</sup>	76%	35%	22%
King Kekaulike	10 & 11	77%	34%	22%
Lahainaluna	10 & 11	71%	25%	28%
Maui	10 & 11	73%	22%	15%
Moloka'i	10 & 11	64%	27%	4%
<b>Multi-Level Schools</b>				
Hāna High & Elem.	10 & 11	75%	21%	57%
Lāna'i High & Elem.	10 & 11	72%	24%	31%
State Average	10 & 11	73%	34%	24%

1. In high schools and multi-level schools, reading and math assesment is done in grade 10; science assessment is in grade 11.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2008-2009.

## 2.11

**PRIVATE SCHOOL CHARACTERISTICS,  
SCHOOL YEAR 2007-2008**

School	Classroom Teachers (FTE)	Student Teacher Ratio	Amer Ind/ Alaskan	Asian Pacific Islander	Black	Hispanic	White
Aka'ula School	4.0	15.8	0	53	0	2	8
Carden Academy of Maui	11.9	10.3	NA	NA	NA	NA	NA
Christ the King	9.0	13.0	1	79	1	NA	10
Clearview Christian Girl's School	5.0	4.8	0	8	0	0	16
Doris Todd Memorial Christian	12.9	9.6	0	51	0	8	65
Emmanuel Lutheran	14.9	11.8	1	111	3	7	54
Haleakalā Waldorf	19.8	11.0	0	21	5	2	190
Ho'omana Hou School	1.4	0.0	0	14	0	0	1
Horizons Academy of Maui	3.3	4.5	0	8	0	0	7
Isaiah Academy of Excellence	2.0	20.0	NA	NA	NA	NA	NA
Ka'ahumanu Hou Christian	8.6	NA	NA	NA	NA	NA	NA
Kamehameha Schools (Maui)	84.5	12.6	0	1,062	0	0	0
Maui Adventist	3.4	11.5	0	32	0	3	4
Maui Preparatory Academy	22.1	8.0	0	34	3	10	130
Moloka'i Christian Academy	NA	NA	NA	NA	NA	NA	NA
Moloka'i Mission	1.0	7.0	0	6	0	0	1
Montessori Hale O Keiki	12.3	4.6	0	2	1	1	52
Montessori of Maui	9.9	14.5	1	24	2	2	115
Sacred Hearts Elementary	14.3	12.0	0	49	2	3	117
Seabury Hall	45.0	9.4	0	151	2	4	264
St. Anthony Grade School	8.0	24.5	0	133	0	3	60
St. Anthony Junior & Senior High	22.8	14.1	0	121	0	16	184
St. Joseph	6.8	7.9	2	26	0	2	24

NA: Not available

SOURCE: NATIONAL CENTER FOR EDUCATIONAL STATISTICS (NCES).

## 2.12

**PRIVATE SCHOOL TUITION,  
MAUI COUNTY 2009-2010**

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<b>School</b>	<b>Tuition Fees \$</b>
Aka'ula School	6,000
Carden Academy of Maui	7,650 - 8,950
Christ the King	4,500
Clearview Christian Girl's School	6,100 - 6,500
Doris Todd Memorial Christian	5,145 - 5,460
Emmanuel Lutheran	4,570 - 5,360
Haleakalā Waldorf	10,700
Ho'omana Hou School	5,000
Horizons Academy of Maui	14,500 - 15,285
Ka'ahumanu Hou Christian	4,135 - 5,382
Kamehameha Schools (Maui)	2,695 - 3,395
Maui Adventist	3,200 - 4,200
Maui Preparatory Academy	12,000 - 14,250
Montessori Hale O Keiki	8,750 - 9,400
Montessori of Maui	10,150 - 11,800
Sacred Hearts Elementary	5,730 - 5,980
Seabury Hall	16,100
St. Anthony Grade School	4,450 - 4,550
St. Anthony Junior & Senior High	9,500
St. Joseph	4,880

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SOURCE: HAWAII COUNCIL OF PRIVATE SCHOOL, PRIVATE SCHOOL TUITION REPORT 2009-2010

**PRIVATE SCHOOL ENROLLMENT BY GRADES,  
MAUI DISTRICT**

School	PreK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total
Aka'ula School				13	9	20	18								60
Carden Academy of Maui				17	6	8	9								99
Christ the King	41	16	23	11	9	11	8	12							131
Clearview Christian Girl's School						8	10	5							28
Doris Todd Memorial Christian	25	10	8	9	9	11	13	12	13	13					123
Emmanuel Lutheran	32	22	24	17	14	22	20	17	15	14					197
Haleakalā Waldorf	33	35	24	24	17	25	23	11	23	13					228
Ho'omana Hou School											6	1	4	7	18
Horizons Academy of Maui	1	1	1	1	1	2	2	1	2	2	1	2	3	2	21
Ka'ahumanu Hou Christian	99	5	5	4	6	1	7	4	4	8	5	6	7	4	165
Kamehameha Schools (Maui)															1068
Maui Adventist															38
Maui Preparatory Academy	12	19	17	17	10	7	10	8	12	12	13	12	15	7	171
Montessori Hale O Keiki	34	13	12	6	7	4	1	10	3	7					97
Montessori of Maui	66	23	22	19	21	20	13	13	15	10					222
Sacred Hearts School	31	23	22	23	15	15	19	22	17	18					205
Seabury Hall											84	75	73	70	436
St. Anthony Grade School															170
St. Anthony Junior & Senior High															184
St. Joseph	37	6	11	3	9	10	3		24	33	26	29	33	39	82

SOURCE: HAWAII COUNCIL OF PRIVATE SCHOOLS, PRIVATE SCHOOL ENROLLMENT REPORT 2009-2010

## 2.14

**LIBRARY HOLDINGS AND CIRCULATION,  
HAWAI'I STATE PUBLIC LIBRARY SYSTEM,  
MAUI LIBRARY DISTRICT**

	2007	2008	2009
<b>Library Locations, June 30</b>	8	8	8
<b>Personnel, June 30</b>	NA	NA	43
<b>Circulation, year ending June 30</b>	662,196	710,712	734,002
<b>Collections, June 30</b>			
Books	396,717	393,906	398,980
Periodical Subscriptions	776	777	880
DVDs and Videotapes	18,026	19,225	20,782
Sound Recordings	19,787	20,811	20,670

NA: Not available

SOURCE: HAWAI'I STATE PUBLIC LIBRARY SYSTEM, INFORMATION MANAGEMENT BRANCH, RECORDS.

## 2.15

**LIBRARY HOLDINGS AND CIRCULATION,  
UNIVERSITY OF HAWAI'I MAUI COLLEGE**

Year	Number of Volumes, June 30 <sup>1</sup>	Circulation, year ended June 30 <sup>2</sup>
1998	46,649	37,575
1999	48,546	25,698
2000	49,812	20,482
2001	50,416	22,020
2002	51,130	7,401
2003	52,737	8,126
2004	55,220	9,680
2005	57,408	7,756
2006	59,489	6,800
2007	61,572	15,392

1. Includes holdings on Moloka'i, Lāna'i, and Hāna

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

SOURCE: UNIVERSITY OF HAWAI'I AT MĀNOA, UNIVERSITY LIBRARIES, RECORDS.

## 2.16

## DEGREES AND CERTIFICATES OFFERED AT UNIVERSITY OF HAWAI'I MAUI COLLEGE

Program	Degrees and Certificates Offered <sup>1</sup>			Total Earned <sup>2</sup>	Degrees	Certificates of Achievement
<b>Total</b>	19	14	17	336	226	137
<b>Field of Study</b>						
<b>General and Pre-professional Education</b>						
Liberal Arts	AA			96	96	
<b>Career and Technical Education</b>						
<b>Business</b>						
Accounting	AAS	CA		19	11	8
Applied Business and Information Technology	BAS			2	2	
Business Careers	AAS	CA		12	8	4
Business Technology	AAS	CA	CC	15	8	7
Hospitality and Tourism	AAS	CA	CC	7	4	3
Medical Assistant			CC			
<b>Food Services</b>						
Culinary Arts	AAS	CA		33	24	9
Pastry Cook			CC			
<b>Health Services</b>						
Dental Hygiene	AS					
Dental Assisting			CC			
Nursing	AS			31	31	
Practical Nursing		CA		74		74
<b>Public Services</b>						
Administration of Justice	AAS	CA				
Human Services	AS	CA		30	14	16
Early Childhood Education			CC			
Substance Abuse Counseling			CC			
<b>Trades and Technology</b>						
Agriculture and Natural Resources	AAS	CA		9	6	3
Landscape Maintenance			CC			
Sustainable Tropical Crop Production			CC			
Turfgrass Specialist			CC			
Auto Body Repair and Painting	AAS	CA				
Auto Body Refinishing			CC			
Corrosion			CC			
Automotive/ Automotive Mechanics Technology	AAS	CA		11	6	5
Electronic and Computer Engineer Tech	AS	CA	CC	17	12	5
Engineering Technology	BAS					
Fashion Technology	AAS	CA		3	2	1
Dressmaker			CC			
Fashion-Fabric Salesperson			CC			
Seamstress			CC			
Sustainable Construction Technology	AAS	CA	CC	5	2	2
<b>Interdisciplinary Program</b>	ATS					

AA: Associate in Arts; AS: Associate in Science; AAS: Associate in Applied Science; ATS: Associate in Technical Studies;  
BAS: Bachelor's in Applied Science, CA: Certificate of Achievement; CC: Certificate of Completion

1. As of Fall 2009

2. Degrees and certificates earned during year running July 1, 2007 to June 30 2008

SOURCE: UNIVERSITY OF HAWAI'I, INSTITUTIONAL RESEARCH OFFICE, DEGREES AND CERTIFICATES EARNED, JULY 1, 2007 - JUNE 30 2008.

## 2.17

**HAWAI'I HIGH SCHOOL GRADUATES ENTERING  
THE UNIVERSITY OF HAWAI'I SYSTEM  
BY HIGH SCHOOL, FALL 2009**

School	Total Grads	UH System	Mānoa	Hilo	West O'ahu	Maui College	Other Campuses
<b>Public Schools, Maui County</b>							
Baldwin	336	138	13	3	0	112	10
Hāna	30	14	0	1	0	11	2
Kīhei Charter School	30	18	1	1	0	16	0
King Kekaulike	313	101	17	4	0	75	5
Lahainaluna	226	69	6	2	0	53	8
Maui	387	142	15	2	0	117	8
Lāna'i	35	14	2	1	0	7	4
Moloka'i	83	33	4	1	0	24	4
<b>Private Schools, Maui County</b>							
Ho'omana Hou	9	0	0	0	0	0	0
Horizons Academy of Maui	1	0	0	0	0	0	0
Ka'ahumanu Hou	10	2	0	0	0	2	0
Kamehameha Maui	99	38	8	8	0	19	3
Saint Anthony	44	13	3	0	0	8	2
Seabury Hall	62	5	2	0	0	3	0

SOURCE: UNIVERSITY OF HAWAII, INSTITUTIONAL RESEARCH OFFICE, HIGH SCHOOL BACKGROUND OF FIRST-TIME STUDENTS, FALL 2009.

## 2.18

**SCHOOL-BOUND STUDENTS BY  
TYPE OF SCHOOL AND LOCATION,  
MAUI COUNTY, 2008**

School	Graduates	Respondents	In Hawaii			Not in Hawaii		
			4 Year	2 Year	Bus/Trade	4 Year	2 Year	Bus/Trade
Baldwin	350	350	27	167	11	53	17	21
Hāna	21	18	1	5	1	5	2	1
King Kekaulike	298	198	39	65	5	47	12	4
Lahainaluna	194	112	10	44	4	30	10	6
Maui	418	293	56	133	10	27	16	10
Lāna'i	50	47	10	16	1	3	5	4
Moloka'i	103	97	19	34	5	15	4	6

Note: Includes planning to attend full-time and part-time

SOURCE: STATE OF HAWAII, DEPARTMENT OF EDUCATION, SYSTEM EVALUATING AND REPORTING SECTION, SENIOR EXIT PLANS SURVEY



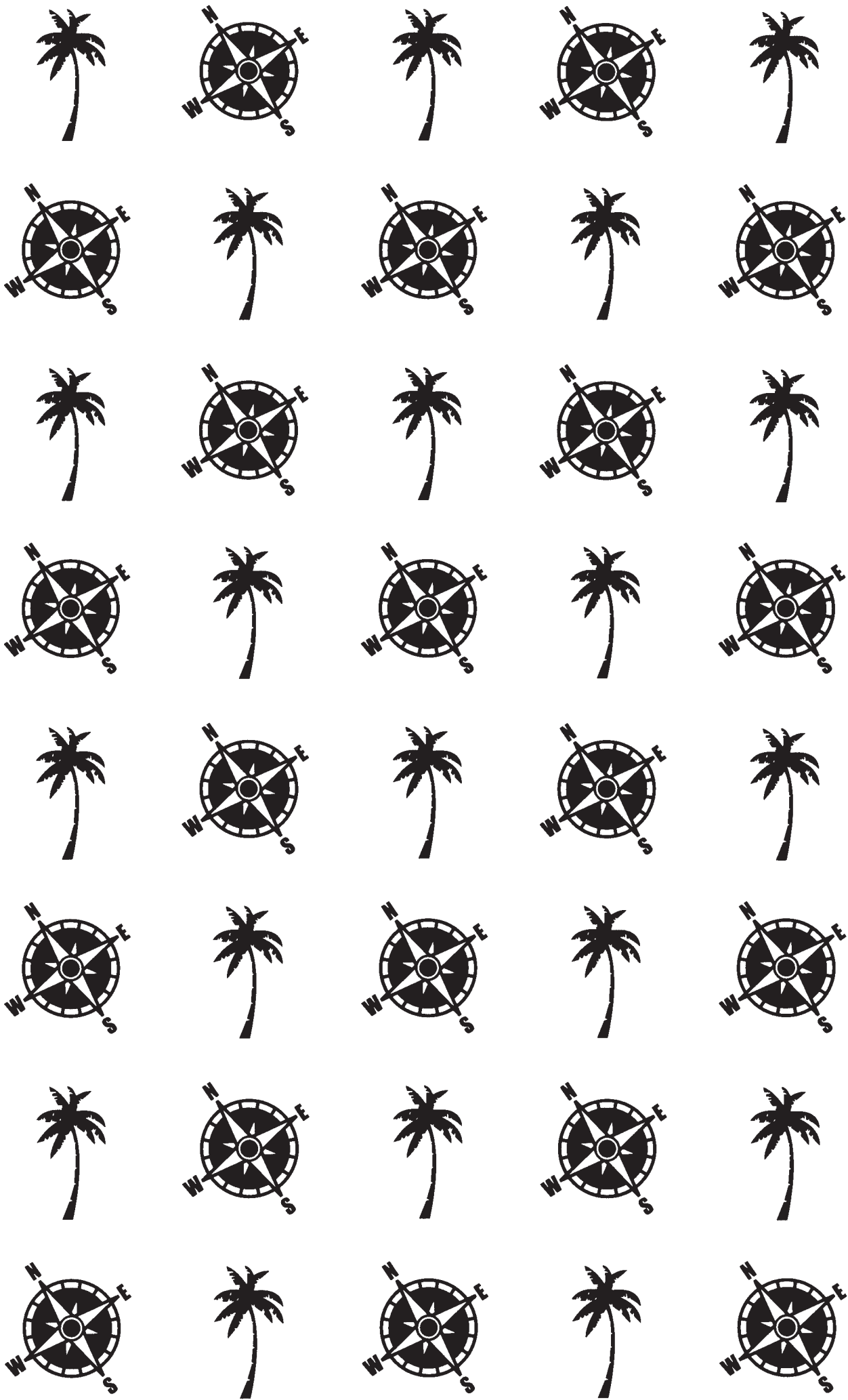
## 2.19

**UNIVERSITY OF HAWAI'I MAUI COLLEGE,  
NUMBER OF STUDENTS AND FACULTY**

<b>Fall Semester</b>	<b>Total</b>	<b>Full-time</b>	<b>Part-time</b>
<b>Students Enrolled</b>			
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	1,593	1,256
1999	2,862	1,573	1,289
2000	2,678	1,493	1,185
2001	2,699	1,453	1,246
2002	2,989	1,630	1,359
2003	2,985	1,659	1,326
2004	2,996	1,682	1,314
2005	2,903	1,672	1,231
2006	2,481	1,611	1,230
2007	2,981	1,651	1,330
2008	3,287	1,892	1,395
2009	4,114	1,733	2,381
<b>Number of Faculty</b>			
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

SOURCE: UNIVERSITY OF HAWAI'I, INSTITUTIONAL RESEARCH OFFICE, FALL ENROLLMENT REPORT AND FACULTY AND STAFF REPORT

# 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 Kaliaiui-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 30 inches at Kapalua-West Maui Airport.

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; 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>	<b>6,470.8</b>	<b>6,425.2</b>	<b>45.6</b>	<b>4,141,312</b>	<b>4,112,128</b>
Counties <sup>4</sup>					
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
Islands <sup>4</sup>					
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

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

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

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

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

5 Reflect inclusion of 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).

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

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

SOURCE: HAWAII STATE DEPARTMENT OF PLANNING AND ECONOMIC DEVELOPMENT, REMEASUREMENTS OF THE AREA OF HAWAII, 1982 (STATISTICAL MEMORANDUM 83-6, MAY 18, 1983); HAWAII STATE DEPARTMENT OF BUSINESS AND ECONOMIC DEVELOPMENT, *STATE OF HAWAII DATA BOOK*.

### 3.1.2

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

	General Coastline <sup>1</sup>		Tidal Shoreline <sup>2</sup>	
	Statute Miles	Kilometers <sup>3</sup>	Statute Miles	Kilometers
<b>State Total</b>	<b>750</b>	<b>1207</b>	<b>1052</b>	<b>1693</b>
<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
Kaua'i	45	72	50	80
Ka'ula	2	3	2	3
<b>Northwestern Hawaiian Islands<sup>5</sup></b>				
Nihoa	3	5	3	5
Necker Island	2	3	2	3
French Frigate Shoals	6	10	6	10
Laysan Island	6	10	6	10
Lisianski Island	3	5	3	5
Kure Atoll	5	8	5	8

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

<sup>2</sup> Shoreline of outer coast, offshore islands, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.

<sup>3</sup> Derived from data expressed in statute miles; independently rounded and accordingly may not add exactly to indicated totals and subtotals. 1 mile = 1.609 km.

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

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

SOURCE: HAWAII STATE DEPARTMENT OF PLANNING AND ECONOMIC DEVELOPMENT, HAWAII, THE NATURAL ENVIRONMENT (1974), P. 13; HAWAII STATE DEPARTMENT OF BUSINESS AND ECONOMIC DEVELOPMENT, THE STATE OF HAWAII DATA BOOK, 1989 (NOVEMBER 1989), TABLE 131.

### 3.1.3

## MAJOR NAMED WATERFALLS, MAUI COUNTY

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

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

SOURCE: U.S. GEOLOGICAL SURVEY, RECORDS; HAWAII STATE DEPARTMENT OF LAND AND NATURAL RESOURCES, DIVISION OF WATER AND LAND DEVELOPMENT, RECORDS, AND HAWAII STATE DEPARTMENT OF PLANNING AND ECONOMIC DEVELOPMENT, HAWAII, THE NATURAL ENVIRONMENT(1974), P.18.

### 3.1.4

## ELEVATIONS OF MAJOR SUMMITS

*Elevation of the highest point on each island and other important peaks*

Island and Summit		Feet	Meters
<b>Hawai'i</b>	Mauna Ke'a <sup>1</sup>	13,796	4,205
	Mauna Loa <sup>2</sup>	13,679	4,169
	Hualālai	8,271	2,521
	Kaunu o Kaleihoochie	5,480	1,670
	Kīlauea (Uwēkahuna)	4,093	1,248
	Kīlauea (Halema'uma'u Rim)	3,660	1,116
<b>Kaho'olawe</b>	Pu'u 'O Moa'ula Nui	1,483	452
	Pu'u Moa'ula Iki	1,434	437
<b>Maui</b>	Haleakalā (Red Hill)	10,023	3,055
	Haleakalā (Kaupō Gap)	8,201	2,500
	Pu'u Kukui	5,788	1,764
	Īao Needle	2,250	686
<b>Lāna'i</b>	Lāna'ihale	3,366	1,026
<b>Moloka'i</b>	Kamakou	4,961	1,512
	Oloku'i	4,606	1,404
	Kaunuohua	4,535	1,382
	Kalaupapa Lookout	1,600	488
	Mauna Loa (Kukui)	1,430	436
<b>O'ahu</b>	Ka'ala	4,003	1,220
	Pu'u Kalena	3,504	1,068
	Kōnahuanui	3,150	960
	Tantalus	2,013	614
	Olomana	1,643	501
	Koko Crater (Kohelepelepe)	1,208	368
	Nu'uaniu Pali Lookout	1,186	361
	Diamond Head	760	232
	Koko Head	642	196
Punchbowl	500	152	

### 3.1.4

#### CONTINUED

Island and Summit		Feet	Meters
<b>Kaua'i</b>	Kawaikini	5,243	1,598
	Wai'ale'ale	5,148	1,569
	Nāmolokama Mountain	4,421	1,348
	Kalalau Lookout	4,120	1,256
	Hā'upu	2,297	700
	Sleeping Giant (Nounou)	1,241	378
<b>Ni'ihau</b>	Paniau	1,250	381
<b>Lehua</b>		699	213
<b>Ka'ula</b>		548	167
<b>Nihoa</b>	Millers Peak	903	275
<b>Necker Island</b>	Summit Hill	276	84
<b>French Frigate Shoal</b>	La Perouse Pinnacles	120	37
<b>Gardner Pinnacles</b>		190	58
<b>Maro Reef</b>		Awash	Awash
<b>Laysan Island</b>		40	12
<b>Lisianski Island</b>		40	12
<b>Pearl and Hermes Atoll</b>		10	3
<b>Midway Islands</b>		12	4
<b>Kure Atoll</b>		20	6

<sup>1</sup> According to the 1991 Guinness Book of World Records (p. 142), "The world's tallest mountain measured from its submarine base (3,280 fathoms) in the Hawaiian Trough to its peak is Mauna Ke'a ... with a combined height of 33,476 ft., of which 13,796 ft. are above sea level."

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

SOURCE: HAWAII STATE DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES, SURVEY DIVISION, DATA PROVIDED APRIL 21, 1992; U.S. NATIONAL CARTOGRAPHIC INFORMATION CENTER, DATA PROVIDED OCTOBER 11, 1978; U.S. GEOLOGICAL SURVEY TOPOGRAPHIC MAPS, 1981-1984; HAWAIIAN GOVERNMENT SURVEY (FOR NIHOA AND MOLOKINI); U.S.S. Tanager Survey, 1923 (FOR NECKER ISLAND, FRENCH FRIGATE SHOALS, LAYSAN, LISIANSKI, PEARL AND HERMES ATOLL AND KURE ATOLL).



## 3.1.5

## MISCELLANEOUS GEOGRAPHIC STATISTICS, BY ISLAND

	State	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	33	8
Extreme Width (miles)	76	26	6	13	10	30	25	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)	3,030	3,950	2,390	600	1,140	1,150	860	1,380	530
Percent of Area with Slope Less than 10%	63.5	76.0	38.5	60.0	61.0	53.0	42.5	33.5	68.0
Percent of Area with Slope 20% 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 Moloka'i between Umilehi Point and Pu'uka'ōkū Point drop 3,250 feet at an average slope of 58 degrees. These cliffs have been described by The Guinness Book of World Records (1991 edition, p. 148) as "the highest sea cliffs yet pinpointed anywhere in the world."

SOURCE: HAWAII STATE DEPARTMENT OF PLANNING AND ECONOMIC DEVELOPMENT, HAWAII, 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**

<b>TEMPERATURES</b>	Station	Elevation (feet)	1st Year of Record	Daily average		Warmest Month		Coolest Month		Record High	Record Low
				High	Low	High	Low	High	Low	°F	Date
	Haleakalā Ranger Station	6,960	1949	62.7	44.7	66.1	47.7	59.1	41.5	80	27
	Hāna Airport	61	1950	80.8	67.4	83.5	70.3	78.2	63.9	94	50
	Kahului Airport	48	1954	83.8	67.3	87.3	71.3	80.1	63.2	97	48
	Kailua (NE Maui, Inland)	700	1949	76.2	63.5	79.0	65.8	73.9	60.5	88	44
	Kapalua Airport	240	1987	81.9	69.2	85.7	72.1	78.3	65.7	98	58
	Moloka'i Airport	450	1953	81.4	67.6	85.5	71.1	77.3	63.1	96	46
	Lāna'i Airport	1300	1949	79.3	62.7	82.7	65.8	75.8	59.2	93	46
	Lāna'i City	1620	1949	75.4	62.4	78.1	65.8	72.5	59.5	92	47

<b>PRECIPITATION</b>	Station	Annual Avg. Inches	Days Precip ≥ 0.01 in.	Wettest Year		Driest Year		Wettest Month		Driest Month		1 Day Record	
				Inches	Year	Inches	Year	Inches	Month	Inches	Month	Inches	Date
	Haleakalā Ranger Station	51.76	142	121.16	1980	17.71	1962	8.12	Jan	1.20	June	18.50	1/9/1980
	Hāna Airport	80.76	268	126.23	1963	49.64	1953	9.52	Mar	4.08	June	17.57	4/16/1968
	Kahului Airport	18.49	96	40.63	1989	6.76	1998	3.56	Jan	0.22	June	5.82	12/21/1955
	Kailua (NE Maui, Inland)	118.82	268	161.82	1969	79.20	1953	12.56	Mar	6.66	June	15.20	11/15/1965
	Kapalua Airport	29.13	155	48.43	2004	18.92	2000	4.66	Dec	0.91	Sept	8.14	3/24/2006
	Moloka'i Airport	25.60	104	43.70	1963	1.54	2001	4.53	Jan	0.54	June	9.03	2/12/1989
	Lāna'i Airport	19.08	59	47.66	1951	1.28	2001	3.06	Jan	0.51	Aug	10.45	11/10/1955
	Lāna'i City	34.67	112	66.87	1968	15.64	1999	5.30	Jan	1.24	June	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, 2009**

<b>Rainfall</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Annual</b>	<b>Departure from Normal</b>
<b>Maui</b>														
Haleakalā Ranger Station	5.10	2.41	3.94	1.68	0.37	0.59	3.28	5.64	0.43	0.71	8.53	1.38	34.06	-19.06
Kahului Airport	4.43	0.38	2.22	1.42	0.01	0.13	0.08	0.90	0.12	0.30	1.55	2.55	14.09	-4.71
Kapalua Airport	2.87	1.56	3.10	1.11	0.07	0.93	0.61	2.13	0.99	1.13	2.43	2.16	19.09	-7.08
Ke'anāe	5.70	15.70	23.90	24.00	3.00	8.20	19.00	16.00	NA	NA	NA	NA	NA	NA
Kīhei	2.91	0.02	1.84	0.30	0.22	0.02	0.00	1.19	0.00	0.01	0.14	0.68	7.33	-5.30
Kuiaha	3.77	6.11	7.04	8.53	1.21	2.48	2.26	7.00	4.34	6.59	8.42	3.88	61.63	NA
Kula Hospital	5.25	0.40	2.21	1.25	3.36	0.37	3.33	5.11	0.28	0.31	3.41	1.45	26.73	-1.94
Mākena Golf Course	4.07	0.00	1.32	0.44	0.21	0.21	0.87	3.37	NA	0.00	0.00	0.00	NA	NA
'Ohe'o	4.63	3.72	9.54	3.74	0.47	5.25	8.58	5.22	4.93	5.59	16.16	3.93	71.76	NA
Pu'u Kukui	11.51	16.04	33.66	19.50	1.98	16.26	19.23	9.43	14.75	16.01	40.15	3.99	202.51	NA
Waihe'e Valley	4.72	2.18	3.96	10.46	0.72	0.91	1.60	4.39	1.26	1.59	5.82	6.92	44.53	-0.30
<b>Moloka'i</b>														
Kalaupapa	7.32	4.18	3.92	4.00	2.21	0.29	1.35	2.77	1.36	2.37	5.56	3.01	38.34	NA
Moloka'i Airport	4.08	0.84	1.27	0.69	1.77	0.19	0.27	0.79	0.19	0.19	1.42	3.37	15.07	-9.57
Kaunakakai	3.66	0.20	0.95	0.56	0.93	0.00	0.04	0.58	0.08	0.01	0.16	2.26	9.43	-3.47

3.1.7

CONTINUED

Temperature <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Maui</b>													
Haleakalā Ranger Station	51.10	49.00	48.50	50.60	54.00	58.30	57.50	59.80	56.40	58.30	54.60	52.90	54.20
Kahului Airport	70.90	70.70	70.70	71.40	74.90	77.50	78.70	79.20	78.80	78.70	75.70	71.90	74.90
Kapalua Airport	NA	70.30	70.80	72.00	77.30	78.10	78.80	79.00	78.60	78.60	75.60	72.90	NA
Kula Hospital	58.80	58.00	58.70	59.90	62.60	64.80	65.30	66.10	66.20	66.30	63.20	60.20	62.50
Mākena Golf Course	70.70	70.50	70.60	71.40	75.30	77.90	78.20	78.40	NA	78.30	75.40	NA	NA
'Ohe'o	72.10	NA	NA	71.00	76.10	76.70	77.00	78.30	77.80	78.60	77.00	76.60	NA
<b>Moloka'i</b>													
Moloka'i Airport	68.60	69.20	70.30	71.20	73.40	77.30	78.80	79.50	79.70	78.70	76.60	71.20	74.50

Note: Data for Lana'i was not available for year 2009.

NA: Not Available

1. Average temperature for the month

SOURCE: U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, NATIONAL CLIMATIC DATA CENTER.

### 3.1.8

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

### Annual Rainfall, Inches

<b>Maui</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Haleakalā Ranger Station	32.60	70.00	45.57	43.97	43.68	38.00	34.06
Kahului Airport	13.83	26.17	NA	18.65	13.06	9.55	14.09
Kapalua Airport	27.07	48.43	NA	35.38	38.05	20.02	19.09
Ke‘anae	151.90	166.00	174.30	173.80	159.10	111.40	NA
Kīhei	11.58	26.38	10.88	16.49	14.61	5.84	7.33
Kuiaha	72.31	NA	103.14	72.66	67.14	59.53	61.63
Kula Branch Station	25.67	31.57	25.19	30.87	22.61	16.94	18.01
Mākena Golf Course	NA	29.97	15.42	19.86	20.32	14.81	NA
Pu‘u Kukui	NA	378.54	320.19	140.29	234.65	211.58	202.51
Waihe‘e Valley	44.03	69.70	39.92	54.39	32.90	23.78	44.53
<b>Moloka‘i</b>							
Kalaupapa	40.03	57.06	49.84	43.35	38.05	32.37	38.34
Moloka‘i Airport	24.38	NA	NA	NA	NA	19.06	15.07
Kaunakakai	10.38	45.22	20.55	NA	22.71	NA	9.43
<b>Lāna‘i</b>							
Lāna‘i Airport	NA	26.10	NA	NA	NA	NA	NA
Lāna‘i City	NA	78.40	NA	NA	NA	41.58	NA

### Average Annual Temperature, Fahrenheit

<b>Maui</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Haleakalā Ranger Station	46.2	54.4	54.6	55.3	54.2	54.0	54.2
Kahului Airport	76.4	76.4	75.9	76.3	76.0	74.9	74.9
Kapalua Airport	<b>76.0</b>	<b>76.6</b>	<b>NA</b>	<b>76.3</b>	<b>75.8</b>	<b>NA</b>	<b>NA</b>
Kula Branch Station	<b>64.5</b>	<b>64.9</b>	<b>64.3</b>	<b>63.8</b>	<b>63.9</b>	<b>63.3</b>	<b>63.6</b>
Kula Hospital	63.9	63.9	63.6	63.3	62.9	62.3	62.5
Mākena Golf Course	NA	76.0	75.7	75.1	75.0	75.0	NA
<b>Moloka‘i</b>							
Moloka‘i Airport	68.6	NA	NA	NA	NA	74.4	74.5
<b>Lāna‘i</b>							
Lāna‘i Airport	NA	72.4	NA	NA	NA	NA	NA
Lāna‘i City	NA	NA	39.9	NA	NA	NA	NA

NA: Not available.

SOURCE: U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, NATIONAL CLIMATIC DATA CENTER.

### 3.2.1

## TRENDS IN REAL PROPERTY TAX BASE, MAUI COUNTY

Gross valuation in thousands  
As of mid-April

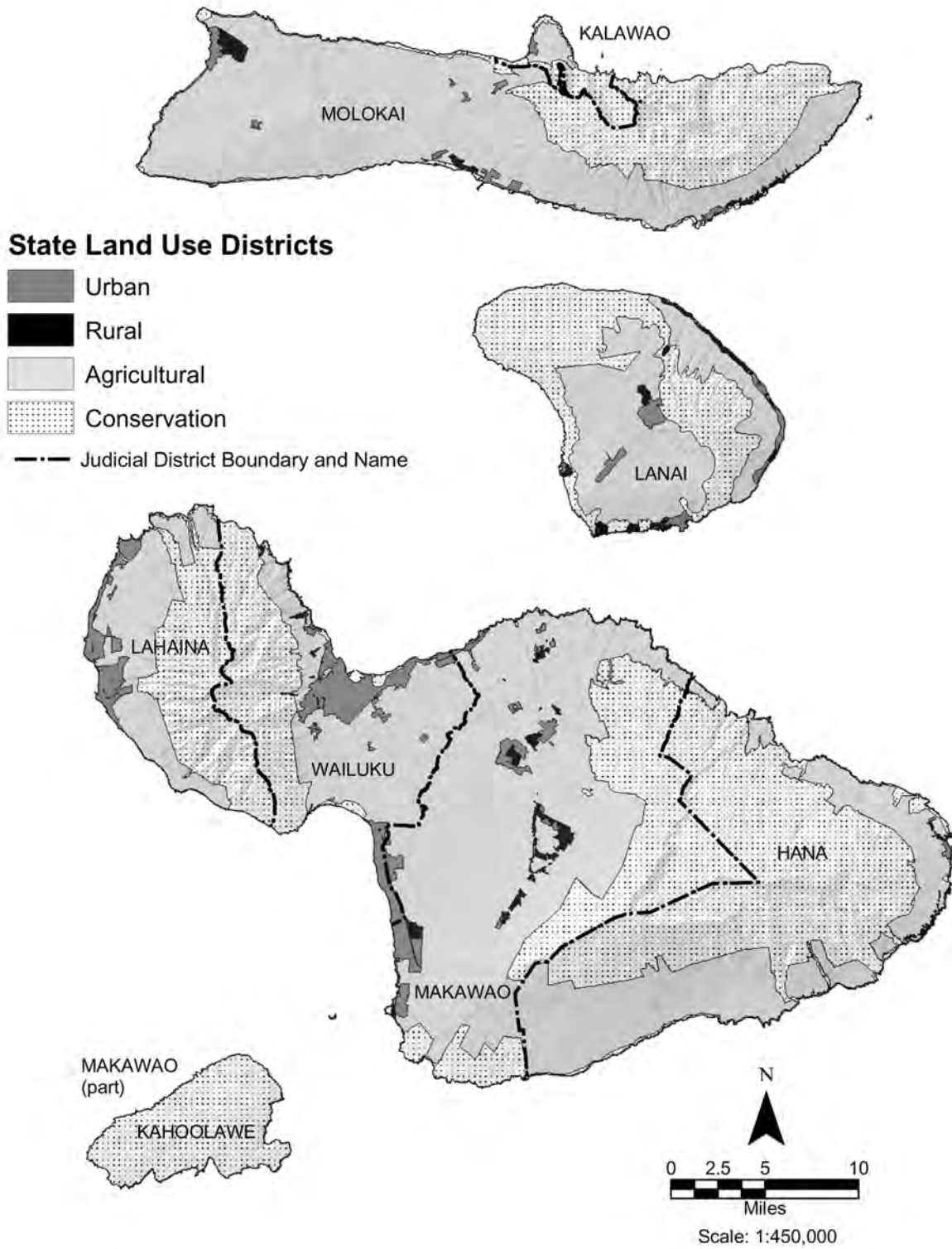
	2005	2006	2007	2008	2009	2010
<b>Improved Residential</b>						
Land	3,802,950	5,316,036	5,919,247	5,955,449	5,399,221	4,180,014
Improvements	1,398,612	1,586,147	1,713,457	1,922,779	2,070,229	2,108,966
<b>Unimproved Residential</b>						
Land	487,817	599,634	613,817	544,053	561,922	358,577
Improvements	1,501	928	852	1,230	1,707	544
<b>Homeowner</b>						
Land	6,163,343	8,950,125	11,157,056	11,404,677	10,655,335	8,424,063
Improvements	3,808,206	4,976,216	5,950,207	6,477,654	6,997,284	6,998,022
<b>Hotel/Resort</b>						
Land	1,490,422	2,031,211	2,390,669	2,910,119	3,003,430	2,325,263
Improvements	4,835,251	6,632,453	7,548,100	6,924,373	7,238,142	6,242,720
<b>Apartment</b>						
Land	922,833	1,549,767	1,537,338	1,811,272	1,900,236	1,900,081
Improvements	2,441,722	3,237,154	3,938,058	3,988,516	4,274,671	3,903,308
<b>Time Share</b>						
Land	107,923	158,543	259,211	279,163	294,584	348,275
Improvements	470,813	749,315	842,443	831,318	1,780,307	1,789,782
<b>Commercial</b>						
Land	951,946	1,300,095	1,434,558	1,486,037	1,481,011	1,466,493
Improvements	603,709	664,386	730,997	816,929	905,570	910,740
<b>Industrial</b>						
Land	688,330	766,176	899,609	1,004,674	1,047,648	1,039,239
Improvements	501,882	526,099	596,303	662,675	694,800	705,277
<b>Agricultural</b>						
Land	2,171,437	2,922,435	3,229,315	3,260,938	3,094,315	2,576,126
Improvements	656,311	763,967	809,528	939,079	999,833	1,051,200
<b>Conservation</b>						
Land	305,110	307,250	314,447	401,437	347,270	335,975
Improvements	38,659	39,007	43,676	47,813	48,748	139,367
<b>Commercialized Residential</b>						
Land						43,367
Improvements						30,456
<b>Total</b>	<b>31,848,777</b>	<b>43,076,944</b>	<b>49,928,888</b>	<b>51,670,185</b>	<b>52,796,263</b>	<b>46,877,855</b>

Note: Commercialized Residential is a new category for tax year 2010-2011.

SOURCE: CITY AND COUNTY OF HONOLULU, DEPARTMENT OF BUDGET AND FISCAL SERVICES. REAL PROPERTY ASSESSMENT DIVISION.

3.2.2

### LAND USE DISTRICTS, MAUI COUNTY



SOURCE: STATE OF HAWAII, OFFICE OF PLANNING, HAWAII STATEWIDE GIS PROGRAM.

### 3.2.3

## ESTIMATED ACREAGE OF LAND USE DISTRICTS, BY 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*

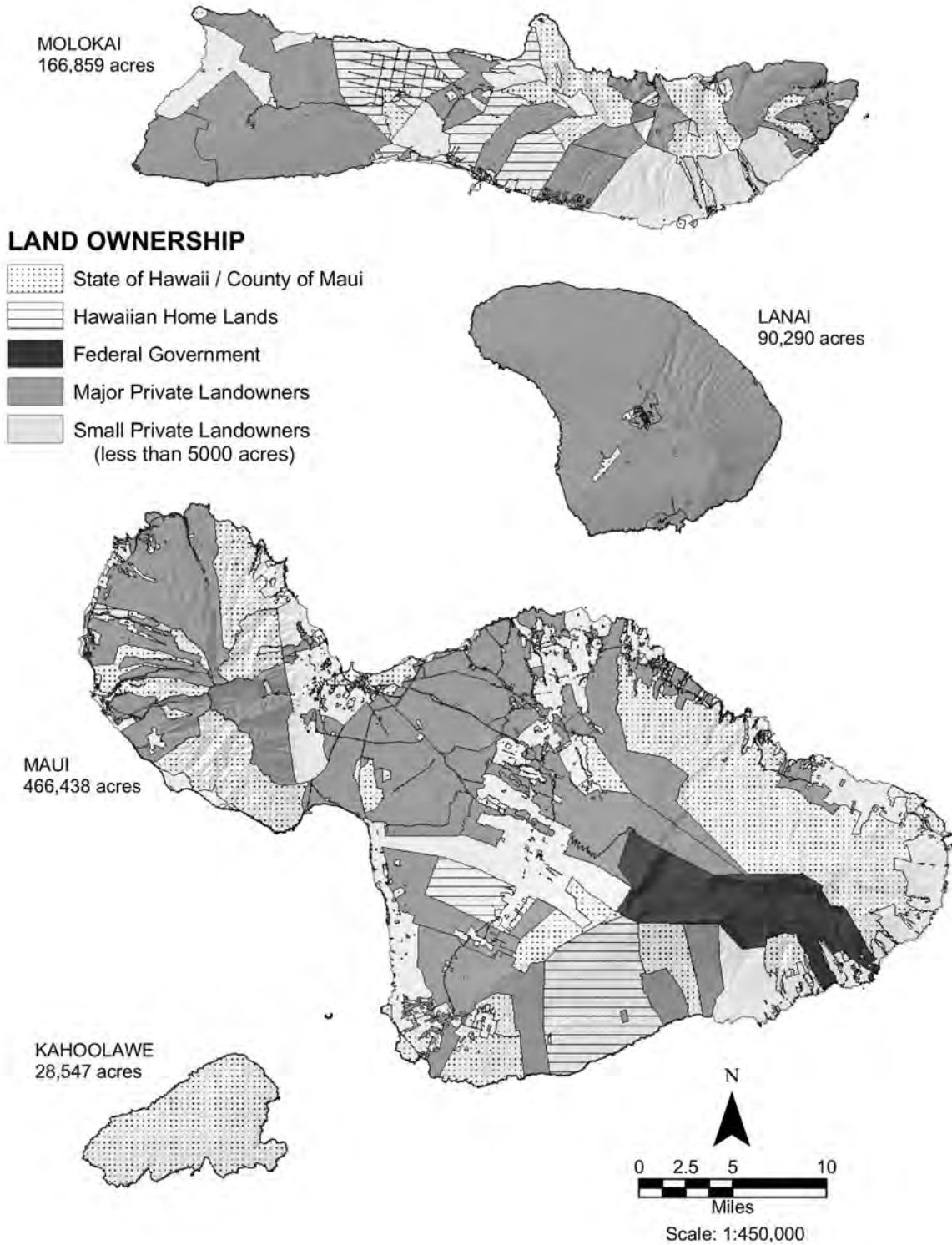
Island	Classification by State Land Use Commission				
	Total Area	Urban	Conservation	Agricultural	Rural
Maui	465,800	22,823	194,836	244,088	4,053
Lāna'i	90,500	3,257	38,197	46,639	2,407
Moloka'i	165,800	2,539	49,768	111,627	1,866
Kaho'olawe	28,800	0	28,800	0	0
Hawai'i	2,573,400	53,722	1,304,347	1,214,040	1,291
O'ahu	386,188	100,730	156,619	128,839	0
Kaua'i	353,900	14,558	198,769	139,320	1,253
Ni'ihau	45,700	0	0	45,700	0

SOURCE: HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT, AND TOURISM, LAND USE COMMISSION, RECORDS



### 3.2.4

## LAND OWNERSHIP, MAUI COUNTY



SOURCE: STATE OF HAWAII, OFFICE OF PLANNING, HAWAII STATEWIDE GIS PROGRAM.

### 3.2.5

## NATIONAL AND STATE HISTORIC PLACES, MAUI COUNTY

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

SOURCE: HAWAII STATE DEPARTMENT OF LAND AND NATURAL RESOURCES, STATE HISTORIC PRESERVATION DIVISION, RECORDS.

### 3.2.6

## NUMBER OF LAND RECORDS BY COUNTY

Year	Maui	Honolulu	Hawai'i	Kaua'i	State Total
2000	61,897	258,121	134,308	29,553	483,879
2001	62,873	259,456	135,499	29,818	487,646
2002	NA	260,662	NA	30,097	NA
2003	60,472	252,435	133,321	28,432	474,660
2004	60,537	255,029	134,290	28,772	478,628
2005	61,273	258,415	134,021	28,936	482,645
2006	62,521	262,479	134,885	29,423	489,308
2007	64,597	268,441	136,612	30,831	500,481
2008	65,938	271,859	138,281	31,822	507,900
2009	67,981	274,483	139,167	32,398	514,029
2010	68,930	276,582	139,649	32,870	518,031

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, 2009	Maui	Lāna'i	Moloka'i	Hawai'i	Kaua'i	O'ahu	State Total
<b>Acreage</b>							
Homestead leases	NA	NA	NA	NA	NA	NA	NA
General leases	512	0	1,764	11,017	72	27	13,392
Licenses	7,320	0	721	17,731	315	106	26,193
Others	NA	NA	NA	NA	NA	NA	NA
<b>Homestead Leases</b>							
Residential	1,288	27	394	1,713	4,123	693	8,238
Agricultural	65	0	425	505	60	47	1,102
Pastoral	75	0	27	304	0	2	408
<b>Applicant Waiting List</b>							
Residential	3,475	61	727	5,505	8,885	1,469	20,122
Agricultural	4,286	0	969	6,658	3,147	2,056	17,116
Pastoral	534	0	188	1,846	0	278	2,846

SOURCE: HAWAII STATE DEPARTMENT OF HAWAIIAN HOMELANDS, ANNUAL REPORTS AND RECORDS

3.2.8

**DISPOSITION OF STATE LANDS, MAUI COUNTY  
2009**

<b>Document Number</b>	<b>Permitee or Grantee Name</b>	<b>Location</b>	<b>Acres</b>	<b>Use</b>	<b>Payment</b>
<b>Revocable Permits</b>					
none					
<b>General Leases &amp; Term Easements</b>					
GL5968	Lahaina Yacht Club	Lahaina	0.029	Encroachment	135,000
<b>Executive Orders - Set Asides</b>					
4264	County of Maui	Hāna	0.684	Public Purpose	
4282	DLNR Division of Boating and Ocean Recreations	Wailuku	6.1	Boat Launching Ramp Site	
4283	Dept. of Transportation	Wailuku	17.334	Commercial Harbor	
4286	Dept. of Agriculture	Hana	10.28	Public Purpose	
4292	University of Hawaii	Wailuku	13.01	General University Purposes	
<b>Perpetual Easements</b>					
LOD28488	Sherry A. Boonstra-Barbier	Lahaina	0.009	Seawall	2,700*
LOD28718	Department of Defense	Wailuku	0.001	Civil Defense	

\* One time payment

DLNR: Department of Land and Natural Resources

SOURCE: STATE OF HAWAII, DEPARTMENT OF LAND AND NATURAL RESOURCES.

## 3.2.9

## SINGLE FAMILY HOME AND CONDOMINIUM SALES BY AREA, MAUI COUNTY, 2009

Area	# Sales	% Change	Avg. Price	% Change Last Yr	Median Price	% Change Last Yr	Total volume	% Change Last Yr
<b><u>Single Family Homes</u></b>								
Central	242	-46%	\$506,872	5%	\$471,250	-4%	\$122,662,933	-43%
Haiku	35	-33%	\$738,523	-30%	\$600,000	-19%	\$25,848,300	-53%
Hāna	6	50%	\$873,333	-7%	\$987,500	20%	\$5,240,000	40%
Kā'anapali	14	-7%	\$1,523,929	-22%	\$1,447,500	-10%	\$21,335,000	-28%
Kahakuloa	2	100%	\$890,850	-4%	\$890,850	-4%	\$1,781,700	93%
Kapalua	5	-17%	\$2,260,000	-49%	\$2,325,000	-47%	\$11,300,000	-57%
Kīhei	124	-11%	\$674,327	-15%	\$481,325	-33%	\$83,616,568	-25%
Kula/Ulupalakua/Kanaio	50	9%	\$684,830	-39%	\$592,500	-32%	\$34,241,500	-33%
Lahaina	31	35%	\$1,068,555	-41%	\$650,000	-50%	\$33,125,200	-20%
Lāna'i	10	25%	\$670,570	54%	\$291,850	-34%	\$6,705,700	92%
Makawao/Olinda/Hali'imaile	36	-5%	\$431,452	-16%	\$432,500	-2%	\$15,532,260	-20%
Maui Meadows	12	-25%	\$791,667	-47%	\$687,500	-36%	\$9,500,000	-60%
Moloka'i	5	67%	\$557,800	0%	\$285,000	-34%	\$2,789,000	66%
Nāhiku	1	0%	\$365,000	-39%	\$365,000	-39%	\$365,000	-39%
Nāpili/Kahana/Honokōwai	24	9%	\$1,091,833	-42%	\$755,000	-28%	\$26,204,000	-37%
Olowalu	1	N/A	\$3,750,000	N/A	\$3,750,000	N/A	\$3,750,000	N/A
Pukalani	56	33%	\$533,370	-16%	\$471,500	-23%	\$29,868,727	12%
Spreckelsville/Pā'ia/Ku'au	21	5%	\$747,095	-11%	\$469,000	-24%	\$15,688,999	-6%
Wailea/Mākena	18	-28%	\$2,511,667	-26%	\$1,525,000	-34%	\$45,210,000	-47%
<b>Maui Summary</b>	<b>693</b>	<b>-24%</b>	<b>\$713,946</b>	<b>-14%</b>	<b>\$498,106</b>	<b>-14%</b>	<b>\$494,764,887</b>	<b>-35%</b>
<b><u>Condominiums</u></b>								
Central	77	26%	\$207,210	-31%	\$190,000	-34%	\$15,955,165	-13%
Hāna	1	N/A	\$240,000	N/A	\$240,000	N/A	\$240,000	N/A
Kā'anapali	193	395%	\$1,321,249	21%	\$975,000	23%	\$255,000,984	500%
Kapalua	20	0%	\$1,706,325	26%	\$784,500	-21%	\$34,126,490	26%
Kīhei	257	-16%	\$360,660	-24%	\$305,000	-23%	\$92,689,500	-36%
Lahaina	55	162%	\$429,714	-44%	\$399,000	-12%	\$23,634,273	46%
Lāna'i	5	150%	\$1,885,000	-5%	\$1,875,000	-5%	\$9,425,000	139%
Mā'alaea	28	-24%	\$357,698	-24%	\$350,500	-27%	\$10,015,556	-43%
Makawao/Olinda/Hali'imaile	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Moloka'i	10	150%	\$266,350	9%	\$215,000	14%	\$2,663,500	172%
Nāpili/Kahana/Honokōwai	96	-15%	\$385,871	-30%	\$367,500	-30%	\$37,043,600	-40%
Pukalani	11	175%	\$493,852	3%	\$459,000	-21%	\$5,432,373	183%
Spreckelsville/Pā'ia/Ku'au	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Wailea/Mākena	71	-60%	\$1,507,710	-31%	\$1,315,000	-40%	\$107,047,409	-73%
<b>Maui Summary</b>	<b>824</b>	<b>4%</b>	<b>\$719,993</b>	<b>-22%</b>	<b>\$450,000</b>	<b>-18%</b>	<b>\$593,273,850</b>	<b>-18%</b>

N/A: Not applicable.

SOURCE: MAUI BOARD OF REALTORS, *MLS RESALE DATA, DECEMBER 2009.*

## 3.2.10

## LAND SALES BY AREA, MAUI COUNTY 2009

Area	# Sales	% Change Last Yr	Avg. Price	% Change Last Yr	Median Price	% Change Last Yr	Total volume	% Change Last Yr
Central	21	24%	\$506,656	2%	\$257,500	-20%	\$10,639,770	26%
Haiku	11	-8%	\$548,636	12%	\$305,000	-18%	\$6,035,000	2%
Hāna	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Kā'anapali	7	40%	\$503,129	-43%	\$407,000	-56%	\$3,521,900	-21%
Kapalua	2	0%	\$6,050,000	223%	\$6,050,000	223%	\$12,100,000	223%
Kīhei	4	-43%	\$316,250	-28%	\$337,500	10%	\$1,265,000	-59%
Kula/Ulupalakua/ Kanaio	13	30%	\$692,769	-16%	\$500,000	-47%	\$9,006,000	9%
Lahaina	13	333%	\$988,962	-34%	\$900,000	-10%	\$12,856,500	187%
Lāna'i	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Makawao/Olin- da/Hali'imaile	1	-80%	\$80,000	-96%	\$80,000	-97%	\$80,000	-99%
Moloka'i	7	-13%	\$167,075	-44%	\$125,000	-57%	\$1,169,525	-51%
Nāhiku	1	0%	\$345,000	-18%	\$345,000	-18%	\$345,000	-18%
Nāpili/Kahana/ Honokōwai	5	400%	\$293,000	-31%	\$250,000	-41%	\$1,465,000	245%
Olowalu	1	-94%	\$950,000	-36%	\$950,000	-27%	\$950,000	-96%
Pukalani	3	50%	\$310,000	-74%	\$230,000	-81%	\$930,000	-61%
Spreckelsville/ Pā'ia/Ku'au	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Wailea/Mākena	19	375%	\$3,179,342	12%	\$1,835,000	-34%	\$60,407,490	430%
<b>Maui Summary</b>	<b>109</b>	<b>10%</b>	<b>\$1,111,387</b>	<b>12%</b>	<b>\$485,000</b>	<b>-31%</b>	<b>\$121,141,185</b>	<b>23%</b>

N/A: Not applicable.

SOURCE: MAUI BOARD OF REALTORS, MLS RESALES DATA DECEMBER 2009

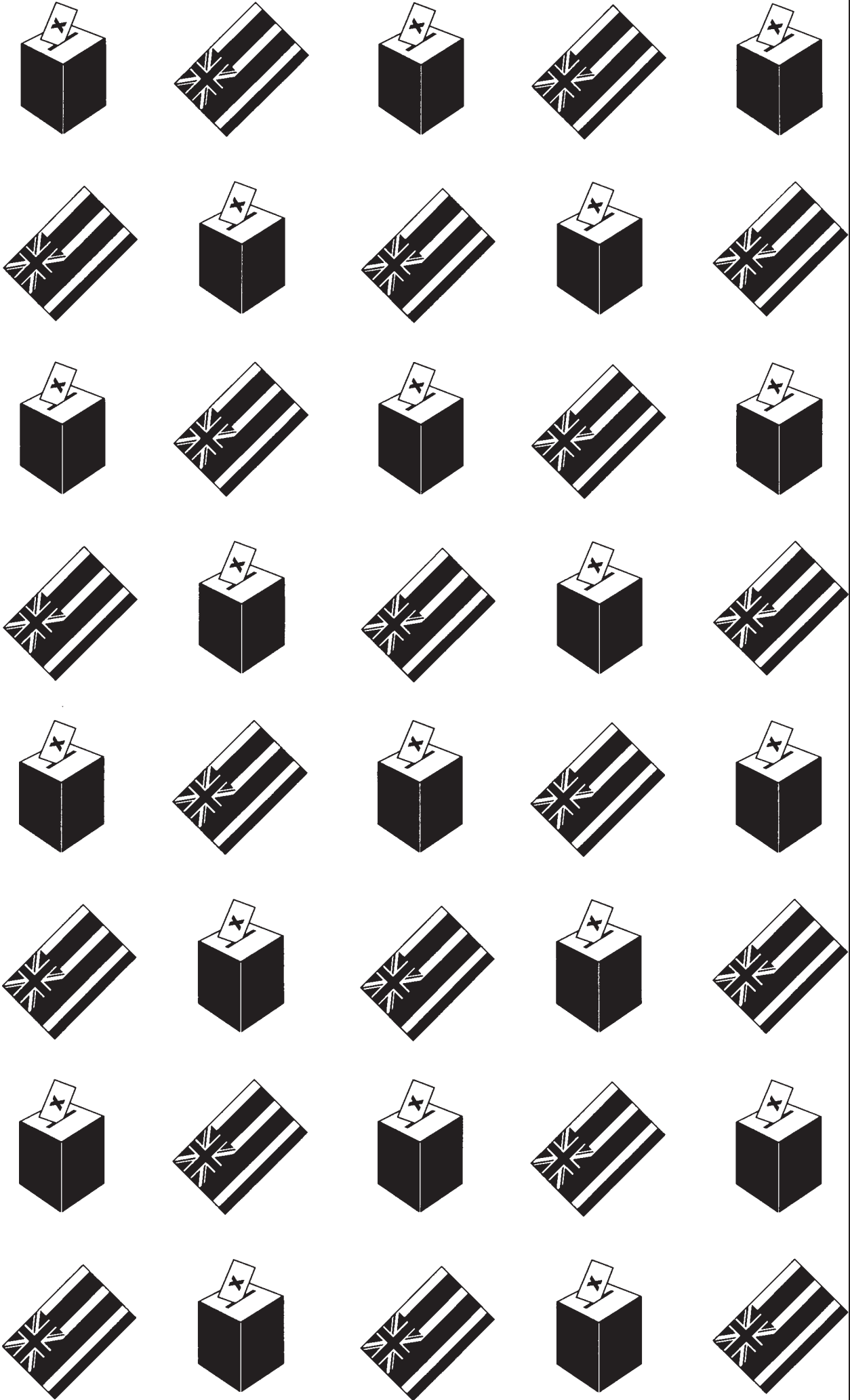
3.2.11

**FOREST AND NATURAL AREA ACREAGE,  
BY ISLAND JUNE 30, 2009**

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>State total</b>	<b>676,000</b>	<b>328,742</b>	<b>19</b>	<b>109,164</b>
Hawai'i	476,000	106,745	8	82,535
Maui <sup>4</sup>	83,000	53,180	4	17,123
Kaho'olawe				
Lāna'i		6,150		
Moloka'i			2	2,950
O'ahu	31,000	88,817	3	1,770
Kaua'i	86,000	73,850	2	4,786
Ni'ihau				

1. State-owned and privately-owned lands under surrender agreement in forest reserve system.
2. Private forest land within conservation district. The majority of these lands were previously in the forest reserve system.
3. Includes Waimanu Research Reserve (3,600 acres) and Alakai Wilderness Preserve (9,939 acres).
4. Includes both Maui and Moloka'i.

SOURCE: HAWAII STATE DEPARTMENT OF LAND AND NATURAL RESOURCES, DIVISION OF FORESTRY AND WILDLIFE, RECORDS.



# GOVERNMENT



## Section 4

# GOVERNMENT

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

Local government in the State of 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.

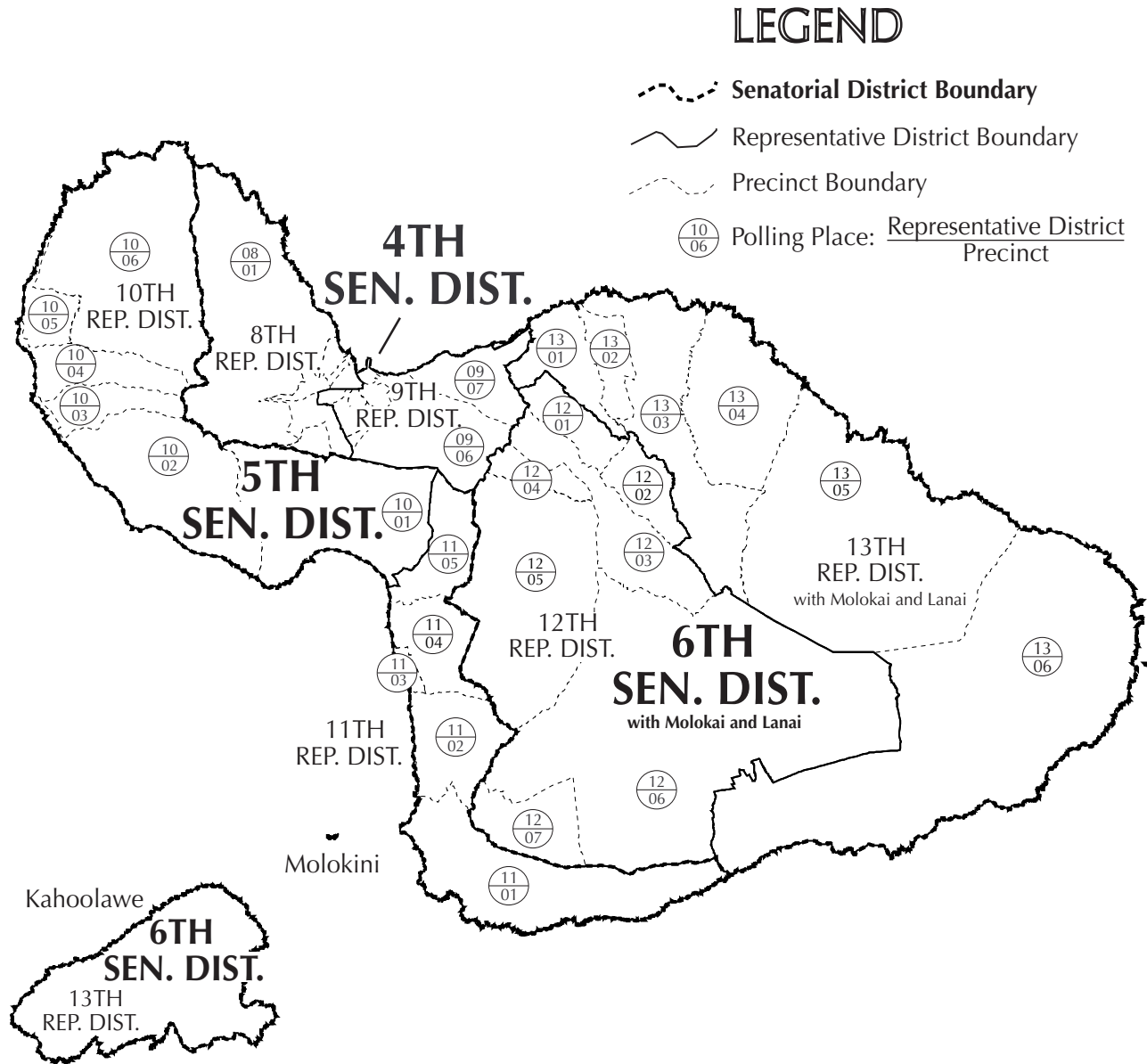
Official results for the primary, general and special elections are published by the Office of Elections. Reapportionment for Maui County was effected in May 2002.

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*



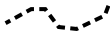
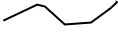
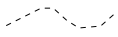

SOURCE: COUNTY OF MAUI, GEOGRAPHIC INFORMATION SYSTEMS, SEPTEMBER 2002.

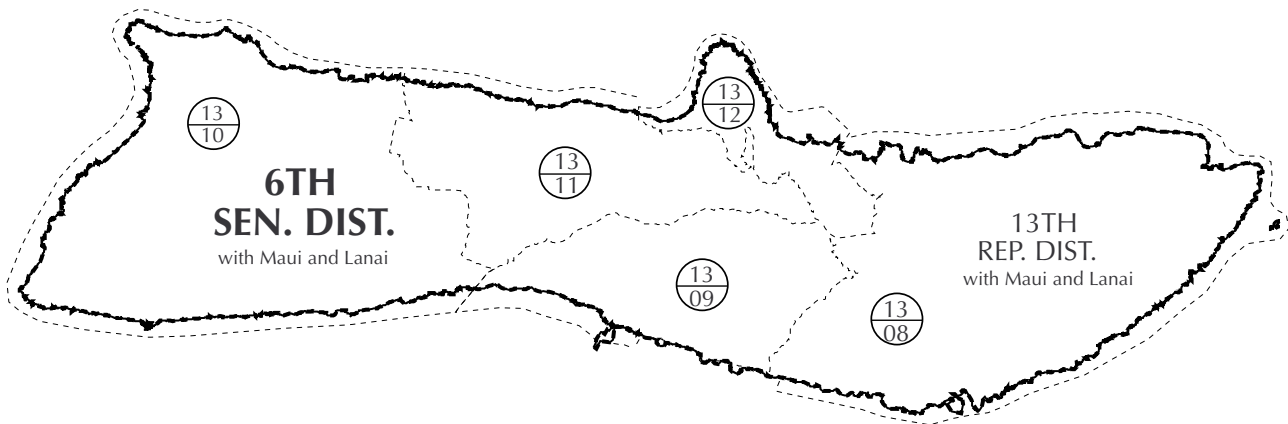
4.1.2

MAPS OF ELECTION DISTRICTS

*Island of Moloka'i*

LEGEND

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




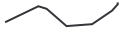


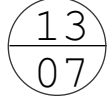
SOURCE: COUNTY OF MAUI, GEOGRAPHIC INFORMATION SYSTEMS, SEPTEMBER 2002.

4.1.3

MAPS OF ELECTION DISTRICTS

*Island of Lānaʻi*

LEGEND

-  Senatorial District Boundary
-  Representative District Boundary
-  Precinct Boundary
-  Polling Place:  $\frac{10}{06}$
-  Representative District Precinct



SOURCE: COUNTY OF MAUI, GEOGRAPHIC INFORMATION SYSTEMS, SEPTEMBER 2002.

## 4.1.4

# MAPS OF ELECTION DISTRICTS

## *List of Polling Places*

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### **8th Representative District**

#### **Kahakuloa, Waihe'e, Waiehu**

1. Waihe'e Elementary School
2. Velma McWayne Santos Comm Ctr.
3. Baldwin High School
4. Paukūkalo Hwn Homes Comm Ctr.
5. Wailuku Elementary School
6. Waikapū Comm. Ctr.
7. Maui Economic Opportunity Ctr.

### **9th Representative District**

#### **Wailuku, Kahului, Spreckelsville**

1. 'Īao School
2. Maui Waena Intermediate
3. Lihikai Elementary
4. Maui High School
5. Kahului Elementary
6. Kaunoa Senior Citizen Center

### **10th Representative District**

#### **Lahaina, Ma'alaea, North Kīhei**

1. Kenolio Recreational Complex
2. Kamehameha III Elementary
3. Lahaina Intermediate
4. Princess Nahi'ena'ena Elementary
5. Lahaina Civic Center
6. Honolua United Methodist Church

### **11th Representative District**

#### **Kīhei, Wailea**

1. Trinity Episcopal Church
2. Kamali'i Elementary School
3. Kīhei Community Center
4. Kīhei Elementary School

### **12th Representative District**

#### **Hāli'imaile, Pukalani, Makawao, Kula, and 'Ulupalakua**

1. Kalama Intermediate
2. Eddie Tam Memorial Center
3. Pukalani Elementary
4. Mayor Hannibal Tavares Comm Ctr.
5. Kula Community Center
6. Kula Elementary

### **13th Representative District**

#### **Pā'ia, Haiku, Ke'anae, Hāna, Moloka'i, and Lāna'i**

1. Pā'ia Community Center
2. Haiku Elementary
3. Haiku Community Center
4. Kalaupapa Settlement
5. Ke'anae Elementary School
6. Hāna High and Elementary
7. Lāna'i High and Elementary
8. Kilohana Community Center
9. Kaunakakai School
10. Maunaloa Community Center
11. Kualapu'u Community Center

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SOURCE: STATE OF HAWAII, OFFICE OF ELECTIONS, 2010 POLLING PLACES.

4.2.1

**REGISTERED VOTERS AND VOTES CAST IN THE NOVEMBER 2, 2010  
GENERAL ELECTION**

District	Precinct Name	Registered Voters		Turnout	District	Precinct Name	Registered Voters		Turnout
		Voters	Cast				Voters	Cast	
8-1	Waihe'e Elementary School	1,730	617	35.7%	11-1	Trinity Episcopal Church	3,156	932	29.5%
8-2	Velma McWayne Santos Comm Ctr.	3,425	1,102	32.2%	11-2	Kamali'i Elementary School	4,317	1,430	33.1%
8-3	Baldwin High School	1,548	470	30.4%	11-3	Kihei Community Center	3,728	1,098	29.5%
8-4	Paukūkalo Hwn Homes Comm Ctr.	1,921	446	23.2%	11-4	Kihei Elementary School	3,786	1,093	28.9%
8-5	Wailuku Elementary School	3,051	1,031	33.8%		Absentee walkins		371	
8-6	Waikapū Comm. Ctr.	1,328	548	41.3%		Absentee mail		1,315	
8-7	Maui Economic Opportunity Ctr.	980	265	27.0%					
	Absentee walkins		1,028		12-1	Kalama Intermediate	3,029	1,036	34.2%
	Absentee mail		2,415		12-2	Eddie Tam Memorial Center	2,046	759	37.1%
9-1	Īao School	1,067	350	32.8%	12-3	Pukalani Elementary	3,033	1,043	34.4%
9-2	Maui Waena Intermediate	2,938	1,039	35.4%	12-4	Mayor Hannibal Tavares Comm Ctr.	3,204	1,202	37.5%
9-3	Lihikai Elementary	2,307	760	32.9%	12-5	Kula Community Center	2,002	770	38.5%
9-4	Maui High School	2,229	660	29.6%	12-6	Kula Elementary	2,532	992	39.2%
9-5	Kahului Elementary	2,928	1,041	35.6%		Absentee walkins		701	
9-6	Kaunoa Senior Citizen Center	1,068	379	35.5%		Absentee mail		2,421	
	Absentee walkins		572		13-1	Pā'ia Community Center	1,069	380	35.5%
	Absentee mail		2,101		13-2	Haiku Elementary	2,642	856	32.4%
10-1	Kenolio Recreational Complex	1,347	390	29.0%	13-3	Haiku Community Center	3,722	1,250	33.6%
10-2	Kamehameha III Elementary	2,330	688	29.5%	13-4	Kalaupapa Settlement	44	0	0.0%
10-3	Lahaina Intermediate	2,257	753	33.4%	13-5	Ke'anae Elementary School	187	55	29.4%
10-4	Princess Nahi'ena'ena Elementary	1,724	547	31.7%	13-6	Hāna High and Elementary	1,176	429	36.5%
10-5	Lahaina Civic Center	3,011	848	28.2%	13-7	Lāna'i High and Elementary	1,696	631	37.2%
10-6	Honolua United Methodist Church	2,616	888	33.9%	13-8	Kīlohana Community Center	608	215	35.4%
	Absentee walkins		184		13-9	Kaunakakai School	1,996	626	31.4%
	Absentee mail		930		13-10	Maunaloa Community Center	347	128	36.9%
					13-11	Kualapu'u Community Center	1,098	397	36.2%
						Absentee walkins		835	
						Absentee mail		1,305	

SOURCE: HAWAII STATE OFFICE OF ELECTIONS, RECORDS

## 4.2.2

# MAUI COUNTY GENERAL ELECTION RESULTS, NOVEMBER 2, 2010

<b>U.S. Senator</b>	<b>Votes</b>	<b>Percent</b>	<b>State Representative, Dist. 13</b>	<b>Votes</b>	<b>Percent</b>
D) Inouye, Daniel K.	31,301	74.0%	D) Carroll, Mele	5,058	71.2%
R) Cavasso, Cam	8,006	18.9%	R) Akuna, Meiling K.	1,491	21.0%
G) Brewer, Jim	855	2.0%	Blank Votes	553	7.8%
L) Mallan, Lloyd Jeffrey	398	0.9%	Over Votes	5	0.1%
N) Jarrett, Jeff	345	0.8%	<b>Mayor, Maui County</b>		
Blank Votes	1,388	3.3%	Arakawa, Alan M.	24,195	57.2%
Over Votes	29	0.1%	Tavares, Charmaine	16,944	40.1%
<b>U.S. Representative, Dist. 2</b>			Blank Votes	1,143	2.7%
D) Hirono, Mazie	29,680	70.1%	Over Votes	15	0.0%
R) Willoughby, John W.	9,174	21.7%	<b>Councilmember (East Maui)</b>		
L) Brock, Pat	660	1.6%	Carroll, Robert (Bob)	17,253	40.8%
N) Von Sonn, Andrew Vsevolod	447	1.1%	Medeiros, Bill (Kauakea)	17,194	40.7%
Blank Votes	2,330	5.5%	Blank Votes	7,839	18.5%
Over Votes	31	0.1%	Over Votes	11	0.0%
<b>Governor &amp; Lieutenant Governor</b>			<b>Councilmember (West Maui)</b>		
D) Abercrombie/Schatz	25,516	60.3%	Cochran, Elle	20,265	47.9%
R) Aiona/Finnegan	16,024	37.9%	Fukuyama, Alan	16,179	38.3%
N) Pollard/Kama	199	0.5%	Blank Votes	5,844	13.8%
F) Cunningham/Spence	197	0.5%	Over Votes	9	0.0%
Blank Votes	364	0.9%	<b>Councilmember (Wailuku Waihe'e Waikapū)</b>		
Over Votes	22	0.1%	Victorino, Michael (Mike)	26,887	63.6%
<b>State Senator, Dist. 4</b>			Gapero, Lisa	9,784	23.1%
D) Tsutsui, Shan S.	10,931	73.7%	Blank Votes	5,615	13.3%
R) Seibert, Eric	3,113	21.0%	Over Votes	11	0.0%
Blank Votes	772	5.2%	<b>Councilmember (Kahului)</b>		
Over Votes	8	0.1%	Pontanilla, Joe	28,309	66.9%
<b>State Representative, Dist. 8</b>			Blank Votes	13,988	33.1%
D) Souki, Joe	5,686	71.8%	Over Votes	0	0.0%
R) Schumaker, Dean	1,694	21.4%	<b>Councilmember (South Maui)</b>		
Blank Votes	542	6.8%	Couch, Don	20,824	49.2%
Over Votes	0	0.0%	Nishiki, Wayne	17,306	40.9%
<b>State Representative, Dist. 9</b>			Blank Votes	4,142	9.8%
D) Keith-Agaran, Gil S. Coloma	4,884	70.8%	Over Votes	25	0.1%
R) Hoylman, Jeff	1,307	18.9%	<b>Councilmember (Makawao, Ha'ikū, Pā'ia)</b>		
Blank Votes	708	10.3%	White, Mike	21,701	51.3%
Over Votes	3	0.0%	Nishiki, Kai	16,008	37.8%
<b>State Representative, Dist. 10</b>			Blank Votes	4,559	10.8%
D) McKelvey, Angus L. K.	3,191	61.0%	Over Votes	29	0.1%
R) Madden, Ramon Kitaichi	1,773	33.9%	<b>Councilmember (Upcountry)</b>		
Blank Votes	264	5.0%	Baisa, Gladys Coelho	29,067	68.7%
Over Votes	0	0.0%	Blank Votes	13,230	31.3%
<b>State Representative, Dist. 11</b>			Over Votes	0	0.0%
R) Fontaine, George R.	3,051	48.9%	<b>Councilmember (Lāna'i)</b>		
D) Bertram, Joseph III	2,879	46.1%	Hokama, Riki	20,842	49.3%
Blank Votes	309	5.0%	Mano, Matthew J.K. (Matt)	12,356	29.2%
Over Votes	0	0.0%	Blank Votes	9,087	21.5%
<b>State Representative, Dist. 12</b>			Over Votes	12	0.0%
D) Yamashita, Kyle	6,242	69.9%	<b>Councilmember (Moloka'i)</b>		
R) Rinaldi, Laurie	2,134	23.9%	Mateo, Danny A.	28,283	66.9%
Blank Votes	543	6.1%	Blank Votes	14,014	33.1%
Over Votes	5	0.1%	Over Votes	0	0.0%

SOURCE: HAWAII STATE OFFICE OF ELECTIONS, RECORDS.

4.2.3

**MAUI COUNTY GENERAL ELECTION RESULTS,  
OFFICE OF HAWAIIAN AFFAIRS TRUSTEES  
AND STATE CONSTITUTIONAL AMENDMENTS,  
NOVEMBER 2, 2010**

**Office of Hawaiian Affairs**

<b>At Large Trustee</b>	<b>Votes</b>	<b>Percent</b>	<b>Oahu Resident Trustee</b>	<b>Votes</b>	<b>Percent</b>
Waihee, John IV	15,673	12.3%	Apo, Peter	10,879	25.7%
Akana, Rowena M.N.	15,132	11.9%	Burke, Jackie Kahookole	6,700	15.8%
Kalima, Leona Mapuana	8,194	6.5%	Heen, Walter Meheula	5,784	13.7%
Stender, Oswald (Oz)	7,910	6.2%	Blank Votes	18,948	44.8%
Makekau, Kealii J.	6,603	5.2%	Over Votes	11	0.0%
Meyers, William (Willy)	5,662	4.5%			
Hopkins, Kama	3,901	3.1%	<b>Maui Resident Trustee</b>		
Lewis, Joseph Kuhio	3,471	2.7%	Mossman, Boyd Poki	28,311	66.9%
Odegaard, Michael Malulani	1,555	1.2%	Blank Votes	14,011	33.1%
Blank Votes	58,817	46.3%	Over Votes	0	0.0%
Over Votes	16	0.0%			

**State of Hawai'i Constitutional Amendments**

<b>Board of Education</b>			<b>Tax Rebate Requirement</b>		
Yes	18,432	43.6%	Yes	25,887	61.2%
No	21,208	50.1%	No	12,001	28.4%
Blank Votes	2,649	6.3%	Blank Votes	4,404	10.4%
Over Votes	33	0.1%	Over Votes	30	0.1%

To amend the Hawai'i Consitution to change the Board of Education to a board appointed by the Governor<sup>1</sup>

To authorize the Legislature to determine whether excess funds should be used as tax credits/refunds or diverted to temporary supplemental funds for the State when needed<sup>1</sup>

1. Summary of actual text



#### 4.2.4

### MAUI COUNTY GENERAL ELECTION RESULTS, MAUI COUNTY CHARTER AMENDMENTS, NOVEMBER 2, 2010

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#### Ballot Text and Results

Should a minimum of two percent (2%) of the certified real property tax revenues for fiscal years 2008 through 2015 be appropriated into an affordable housing fund to be used for the provision, protection, and expansion of affordable housing and suitable living environments for persons of very low to gap income?

Yes	24,893	58.9%
No	13,830	32.7%
Blank Votes	3,552	8.4%
Over Votes	22	0.1%

Should candidates for elective County office be required to file financial disclosure statements concurrently with the filing of nomination papers, instead of allowing financial disclosures to be filed within 15 days of filing nomination papers?

Yes	33,953	80.3%
No	4,723	11.2%
Blank Votes	3,597	8.5%
Over Votes	24	0.1%

Should the Charter be revised, effective as of January 1, 2011, to: (1) Reduce by ten days the amount of time the mayor has to veto budget and capital program ordinances; (2) Extend by ten days, to March 25 of each year, the deadline for the mayor to submit to council annual budget and capital ordinance proposals; and (3) Extend by ten days, to June 10 of each year, the date by which Council must pass annual budget and capital program ordinances?

Yes	23,398	55.3%
No	12,552	29.7%
Blank Votes	6,329	15.0%
Over Votes	18	0.0%

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SOURCE: HAWAII STATE OFFICE OF ELECTIONS, RECORDS.

### 4.3.1

## STATEMENT OF REVENUES AND EXPENDITURES, MAUI COUNTY

*In thousands of dollars. For year ending June 30*

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<b>Revenues</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Real Property Taxes	162,741	194,456	216,306	216,306
Other Taxes	48,725	51,309	51,521	51,521
Intergovernmental Revenues	54,268	53,117	57,001	66,185
Charges for Services	29,220	43,859	48,694	51,050
Licenses and Permits	17,611	16,996	17,719	16,278
Revenues from Use of Money and Property	5,586	11,953	14,165	1,706
Fines and Forfeitures	1,463	1,779	2,049	2,294
Assessments	7,123	10,370	3,149	1,214
Other	4,598	4,186	3,809	9,128
<b>Total Revenues</b>	<b>318,521</b>	<b>365,306</b>	<b>390,095</b>	<b>393,121</b>
<b>Expenditures</b>				
Management and Other	67,352	70,467	98,268	94,429
Public Safety	55,798	64,080	72,294	78,163
Sanitation	28,670	34,420	39,362	43,875
Highway and Streets	21,341	25,123	30,786	33,711
Social Welfare	30,454	34,840	38,105	42,893
Culture and Recreation	20,451	23,149	26,418	27,952
Legislative	4,114	4,602	4,767	5,336
Capital Outlay	30,594	38,027	46,964	88,612
Debt Service: Principal	17,059	17,864	18,373	18,879
Interest	10,307	9,822	9,954	10,688
<b>Total Expenditures</b>	<b>286,141</b>	<b>322,393</b>	<b>385,291</b>	<b>444,179</b>
Excess (Deficiency) of Revenues over Expenditures	32,380	42,913	4,804	(51,058)

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SOURCE: MAUI COUNTY DEPARTMENT OF FINANCE, COMPREHENSIVE ANNUAL FINANCIAL REPORTS

### 4.3.2

## STATE TAX COLLECTION MAUI COUNTY

	2006	2007	2008	2009
Banks/Financial Corps	125,106	93,575	29,936	25,668
Employment Sec. Contri.	0	0	0	0
Fuel	9,668,894	9,684,054	9,455,215	8,874,547
GE License/Fees	0	189,947,825	194,196,012	0
General Excise & Use Tax	169,972,118	464,287	1,334,626	162,755,296
Honolulu County Surcharge <sup>1</sup>		1,165,353	1,250,311	1,246,360
Income-Corporate				
Decl. of Estimated Taxes	1,854,225	2,854,866	20,632,703	1,095,026
Payment With Returns	729,153	582,333	1,080,823	566,735
Refunds	(386,145)	(1,008,033)	(721,328)	(2,512,722)
Income-Individual				
Decl. of Estimated Taxes	35,000,991	51,157,549	28,689,132	22,108,872
Payment With Returns	20,332,177	23,198,403	20,217,947	13,983,714
Withholding Tax on Wages	68,078,261	73,285,920	74,157,374	62,081,782
Refunds	(30,830,107)	(44,667,423)	(44,204,522)	(49,462,315)
Liquor and Permits	6,677,427	6,805,526	6,875,838	6,255,878
Motor Vehicle Tax/Fees	9,044,748	10,387,581	10,313,288	10,286,267
Public Service Company	11,191,010	13,419,312	14,684,061	18,544,012
Tobacco and Licenses	8,138,046	8,683,442	8,657,093	10,206,222
Transient Accommod./Time Share Occup. Fees	0	30	30	15
Transient Accommod. Tax/Time Share Occup. Tax	30,139,129	36,924,460	42,944,540	28,612,366
All Others	0	0		5
<b>Total</b>	<b>339,735,032</b>	<b>381,813,708</b>	<b>388,342,768</b>	<b>294,667,726</b>

<sup>1</sup>. Surcharge began in 2007. Businesses with activities in Honolulu may have to pay this surcharge although they are not located on O'ahu.

### 4.3.3

## ESTIMATED REAL PROPERTY TAX REVENUE, MAUI COUNTY

*In thousands of dollars*

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<b>Fiscal Year 2010-2011</b>	
Assessor's gross valuation	46,877,855
Land	22,997,473
Improvements	23,880,382
Exemptions	8,637,380
Assessor's net taxable valuation	38,240,475
Half of valuation on appeal	983,616
Number of appeals	2,286
Valuation for tax rate purposes	37,256,859
Land	19,617,325
Improvements	17,639,534
Amount to be raised by taxation	215,186

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SOURCE: CITY AND COUNTY OF HONOLULU, DEPARTMENT OF BUDGET AND FINANCE, REAL PROPERTY ASSESSMENT DIVISION

#### 4.3.4

### REAL PROPERTY TAX RATES, MAUI COUNTY

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

Land Use Class	Rate Fiscal Year 2010-2011
<b>Land</b>	
Homeowner	2.50
Improved Residential	5.00
Unimproved Residential	6.25
Commercialized Residential	4.00
Apartment	5.00
Hotel/resort	8.30
Time Share	14.00
Commercial	6.25
Industrial	6.50
Agricultural	5.00
Conservation	5.00
<b>Improvement</b>	
Homeowner	2.50
Improved Residential	5.00
Unimproved Residential	6.25
Commercialized Residential	4.00
Apartment	5.00
Hotel/resort	8.30
Time Share	14.00
Commercial	6.25
Industrial	6.50
Agricultural	5.00
Conservation	5.00

SOURCE: CITY AND COUNTY OF HONOLULU, DEPARTMENT OF BUDGET AND FINANCE, REAL PROPERTY ASSESSMENT DIVISION

### 4.3.5

## DEBT OF MAUI COUNTY GOVERNMENT

*In thousands of dollars*

<b>Fiscal Year</b>	<b>General Obligation Bonds</b>	<b>Notes Payable</b>	<b>Total Outstanding Debt</b>
2000	194,111	30,305	224,416
2001	194,807	23,779	218,586
2002	208,832	23,764	232,596
2003	242,996	39,582	282,578
2004	227,007	39,194	266,201
2005	233,684	36,762	270,446
2006	215,336	34,295	249,631
2007	226,720	40,078	266,798
2008	247,258	47,262	294,520
2009	226,048	65,578	291,626

SOURCE: MAUI COUNTY DEPARTMENT OF FINANCE, COMPREHENSIVE ANNUAL FINANCIAL REPORTS.

### 4.3.6

## PERSONNEL BY DEPARTMENT FOR FISCAL YEARS, MAUI COUNTY

	2007	2008	2009	2010
Civil Defense	6	8	10	8
Corporation Counsel	22.3	29.8	29.8	29.9
Environmental Management				
General	2	9	6	6
Wastewater	107.3	113.3	117.3	119.3
Solid Waste	87.1	95	102	103.8
Finance	138.8	144.8	148.8	151.8
Fire & Public Safety	306	308	312	312
Housing & Human Concerns	130.6	136.1	133.1	134.7
Liquor Control	23	23	26	26
Management	38	45	46	46
Parks and Recreation				
General	407.3	440.5	443	443
Golf	21.8	22.3	22.9	22.9
Personnel Services	18	18	20	20
Planning	61.9	68.9	69.2	69.2
Police	521.9	524.9	524.4	523.1
Prosecuting Attorney	74.9	74.9	78.9	77.9
Public Works				
General	88.2	90.2	90.2	89.2
Highways	164	170	170	171
Transportation	3	5	5	5
Water Supply	211.2	219.2	219.2	225.2

SOURCE: OFFICE OF THE MAYOR, BUDGET OFFICE, COUNTY BUDGET PROPOSAL 2010.

## 4.5.1

## COUNTY PROPERTY TAX EXEMPTIONS BY TYPE, MAUI COUNTY FY 2009-2010

*Amounts in Thousands*

Type of Exemption	Number	Amount
Federal Government	79	45,431
State Government	1,326	2,166,352
County Government	478	518,386
Government Leases - Total	85	84,168
Government Leases - Portion	55	26,456
Hawaiian Homes Commission	409	21,759
Hawn Homes Land - Basic	349	46,291
Hawn Homes Land - Multiple	199	24,216
Hawn Homes Land - Total Land	218	34
Hawn Homes Land - Vacant Land	158	23
Hawaiian Homes - 7 Year	156	26,573
Homes - Fee - (Basic)	15,705	4,555,961
Homes - Fee - (Multiple)	9,471	2,737,342
Homes - Leasehold - (Basic)	226	62,854
Homes - Leasehold - (Multiple)	613	176,930
Blind	29	684
Deaf	9	125
Leprosy	1	0
Totally Disabled	458	9,944
Totally Disabled Veterans	185	111,421
Cemeteries	7	1,480
Charitable Organizations	216	318,415
Childcare	24	1,188
Churches	227	368,492
Credit Unions	12	14,134
Forest Reserve	4	77
Historic Residential Properties	6	12,711
Hospitals	12	49,078
Landscaping, Open-Space	1	10
Low-Moderate Income Housing	39	178,454
Public Utilities	70	99,286
Roadways and Waterways	1,457	4,552
Schools	10	98,618
Taro	30	7
Miscellaneous	4	552
<b>TOTAL</b>	<b>32,328</b>	<b>11,762,004</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*



## 4.5.2

### LIQUID FUEL TAX BASE AND TAX COLLECTIONS FISCAL YEAR ENDING JUNE 30, 2009, MAUI COUNTY

Source of Revenue	Gallons	State Tax	City Fuel Tax	Total Tax
Gasoline	60,264,616.79*	\$10,225,273.11	\$9,622,626.96	\$19,847,900.07
Diesel Oil (non-hwy)	15,399,319.00	307,986.38	0	307,986.38
Diesel Oil (hwy use)	6,135,691.74	1,043,067.60	981,710.67	2,024,778.27
Liquid Petroleum Gas (off hwy)	0	0	0	0
Liquid Petroleum Gas (hwy use)	4,890.52	254.31	210.29	464.6
Small Boat (gas)	0	0	0	0
Small Boat (diesel oil)	107,984.00	2,159.68	0	2,159.68
Aviation fuel	48,618,060.00	972,361.20	0	972,361.20
Other fuel	305,580.25	12,223.21	0	12,223.21
SUB-TOTAL	130,836,142.30	12,563,325.49	10,604,547.92	23,167,873.41
Environmental Tax**	3,871,966.60	193,598.33	0	193,598.33
<b>TOTAL</b>		<b>\$12,756,923.82</b>	<b>***\$10,604,547.92</b>	<b>\$23,361,471.74</b>

\* Subject to Agricultural use refunds.

\*\*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 HAWAII, DEPARTMENT OF TAXATION, TAX RESEARCH AND PLANNING OFFICE, LIQUID FUEL TAX BASE & TAX COLLECTIONS.

## 4.5.3

### LIQUID FUEL TAX ALLOCATION BY FUND FISCAL YEAR ENDING JUNE 30, 2009, MAUI COUNTY

Source of Revenue	Amount	Total Tax
State Highway Special Fund	\$11,475,054.65	
State Airports Special Fund	972,361.20	
State Boating Special Fund	221,955.12	\$12,669,370.97
County Fuel Tax:		
Lāna'i	0	
Moloka'i	0	
Maui	10,498,502.44	10,498,502.44
SUB-TOTAL		23,167,873.41
Environmental Tax Fund		193,598.33
<b>TOTAL</b>		<b>\$23,361,471.71</b>

SOURCE: STATE OF HAWAII, DEPARTMENT OF TAXATION, TAX RESEARCH AND PLANNING OFFICE, LIQUID FUEL TAX ALLOCATION BY FUND.



## Section 5

### **AGRICULTURE & AQUACULTURE**

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

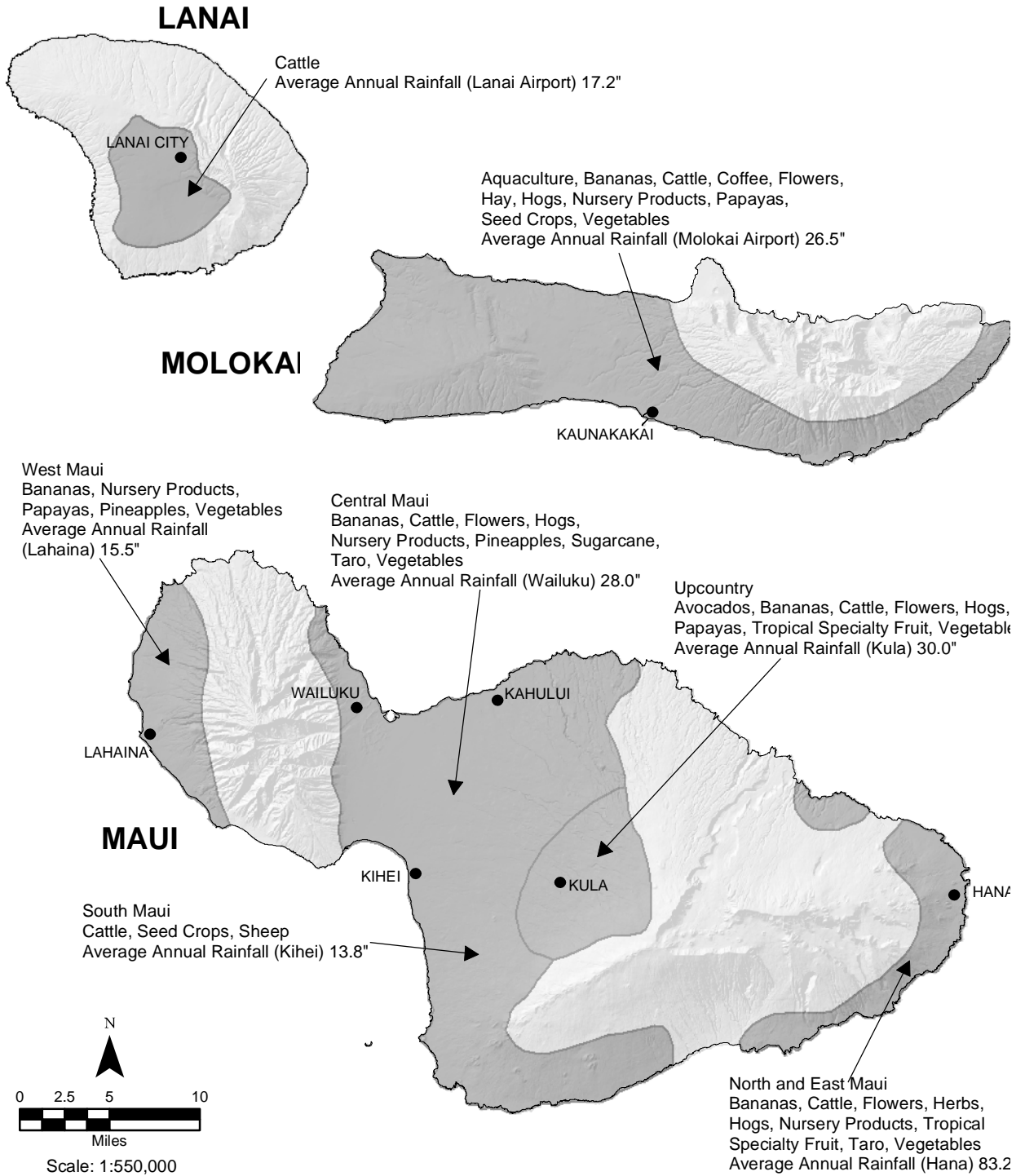
Agriculture remains an important element in Maui County's economy and land use patterns. Sugar and pineapple remain the largest crops, though the trend toward diversification of agriculture continues.

The pounds of fish landed State wide has generally been declining since 2000, although the pounds landed in Maui County were up in 2003 through 2005. There was again a downward trend in 2007 and 2008. 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: HAWAII AGRICULTURAL STATISTICS SERVICE, *STATISTICS OF HAWAII AGRICULTURE, 2003.*

## 5.1.2

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

	1992	1997	2002	2007
<b>Farms</b>	<b>850</b>	<b>806</b>	<b>823</b>	<b>1,156</b>
<b>Land In Farms (acres)</b>	<b>355,786</b>	<b>292,090</b>	<b>256,690</b>	<b>225,568</b>
<b>Tenure of Operator</b>				
Full Owners				
Farms	503	460	529	827
Acres	118,137	81,616	82,274	62,325
Part Owners				
Farms	159	137	115	138
Acres	225,867	188,649	135,661	141,052
Owned land in farms (acres)	141,136	140,909	102,342	105,762
Rented land in farms (acres)	84,731	47,740	33,319	35,290
Tenants				
Farms	188	209	179	191
Acres	11,782	21,825	38,755	22,191
<b>Operator Characteristics</b>				
Place of Residence				
On farm operated	577	536	623	929
Not on farm operated	219	215	200	227
Not reported	54	55	n/a	n/a
Principal Occupation				
Farming	456	372	434	515
Other	394	434	389	641
Days of Work Off Farm <sup>1</sup>				
None	298	290	413	229
Any	482	455	410	927
1 to 49 days	55	59	47	155
50 to 99 days	31	33	36	151
100 to 199 days	133	86	63	166
200 days or more	263	277	264	455
Not reported	70	61	n/a	n/a
Years on Present Farm				
2 years or less	44	42	46	51
3 or 4 years	136	47	66	68
5 to 9 years	171	171	189	284
10 years or more	360	406	522	753
Average years on present farm	13.1	14.3	15.3	16.7
Not reported	139	140	n/a	n/a

## 5.1.2

CONTINUED

	1992	1997	2002	2007
<b>Operator Characteristics (cont.)</b>				
Age Group				
Under 25 years	2	7	4	4
25 to 34 years	44	24	26	32
35 to 44 years	259	182	108	89
45 to 54 years	221	270	310	314
55 to 59 years	50	107	117	242
60 to 64 years	62	59	82	197
65 to 69 years	74	45	54	129
70 years and over	138	112	122	149
Average age	52.6	53.0	55.0	57.7
Male				
Farms	737	681	659	856
Acres	318,121	275,346	241,920	217,574
Female				
Farms	113	125	164	300
Acres	37,665	16,744	14,770	7,994
<b>Type of Organization</b>				
Individual or Family (sole proprietorship)				
Farms	710	679	701	975
Acres	53,463	31,942	D	34,647
Partnership				
Farms	52	44	37	66
Acres	D	34,620	11,357	11,751
Corporation (family held)				
Farms	46	56	58	69
Acres	90,740	101,236	76,424	114,456
Corporation (other than family held)				
Farms	26	13	17	33
Acres	192,428	123,312	99,056	60,646
Other (cooperative, estate or trust, institutional, etc.)				
Farms	16	14	10	13
Acres	D	980	D	4,068

D: Withheld to avoid disclosing data for individual farms.

na: not available.

<sup>1</sup> Number of days of Work Off Farm revised 2002.

SOURCE: UNITED STATES DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, *CENSUS OF AGRICULTURE, VARIOUS TABLES*.

### 5.1.3

## FARMS AND LAND IN FARMS, MAUI COUNTY

	1992	1997	2002	2007
<b>Farms</b>	850	80	823	1,156
<b>Land in Farms</b>	355,786	292,090	256,690	225,568
Average size of farm (acres)	419	362	312	195
Median size of farm (acres)	NA	6	NA	5
<b>Estimated Market Value of Land &amp; Buildings<sup>1</sup></b>				
Average per farm	1,118,184	818,342	1,251,598	1,601,950
Average per acre	2,671	2,258	4,112	8,210
<b>Est. Market Value of Machinery &amp; Equipment<sup>1</sup></b>				
Average per farm	117,143	88,989	58,849	52,480
<b>Farms by Size</b>				
1 to 9 acres	505	468	505	766
10 to 49 acres	232	233	212	289
50 to 179 acres	60	48	56	48
180 to 499 acres	24	29	20	21
500 to 999 acres	3	5	7	11
1,000 acres or more	26	23	23	21
<b>Total Cropland</b>				
Farms	733	684	649	975
Acres	D	D	28,404	54,557
<b>Harvested Cropland</b>				
Farms	666	605	649	928
Acres	39,031	32,243	28,404	54,528
<b>Irrigated Land</b>				
Farms	541	480	462	650
Acres	61,549	35,031	26,855	28,027
<b>Value of Agricultural Products Sold (\$1,000)</b>	164,767	128,385	124,511	139,326
Crops, including nursery & greenhouse crops	153,285	116,084	116,645	132,058
Livestock, poultry, and their products	11,483	12,301	7,866	7,268
Value of Agricultural Products Sold per Farm (\$)	193,844	159,287	151,289	120,524

<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, *CENSUS OF AGRICULTURE, VARIOUS TABLES.*

## 5.1.4

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

	2003	2004	2005	2006	2007	2008
Number of Farms <sup>1</sup>	850	850	850	850	1,156	1,150
Farm Acreage (1,000)	260	260	260	260	230	230
Farm Employment						
Hired workers	1,650	1,850	1,700	1,750	1,700	1,700

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

SOURCE: HAWAII AGRICULTURAL STATISTICS SERVICE, STATISTICS OF HAWAII AGRICULTURE (ANNUAL).

## 5.1.5

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

	2004	2005	2006	2007	2008
<b>Number of Livestock Operations, December 31</b>					
Cattle <sup>1</sup>	160	160	160	180	150
Hogs	60	60	60	60	60
Milk	5	5	5	5	5
Eggs	10	10	10	10	15
Honey	3	1	2	3	3
<b>Value of Livestock Sales (\$1,000)</b>					
Cattle <sup>2</sup>	3,015	2,686	3,403	4,260	5,495
Hogs <sup>2</sup>	859	880	920	885	750
Milk	D	D	D	D	D
Eggs	D	D	D	D	D
Aquaculture	D	D	D	D	D
<b>Total Livestock and Aquaculture Sales (\$1,000)</b>	<b>6,510</b>	<b>8,408</b>	<b>6,249</b>	<b>6,085</b>	<b>7,013</b>

D: Withheld to avoid disclosure of individual operations

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

<sup>2</sup>. Excludes interfarm sales; includes out-of-state sales of slaughter animals

SOURCE: HAWAII AGRICULTURAL STATISTICS SERVICE, STATISTICS OF HAWAII AGRICULTURE (ANNUAL).



## 5.1.6

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

	2004	2005	2006	2007	2008
<b>Acres in Crop (1,000 acres)</b>					
Sugarcane	34.8	33.0	34.9	32.4	34.5
Pineapples	5.5	D	D	T	T
Vegetables and Melons	0.9	1.0	0.8	0.7	0.7
Fruits (excluding pineapple)	0.5	0.5	0.6	0.6	0.6
Coffee	D	D	D	D	D
Macadamia nuts	D	D	D	D	D
All other crops	1.7	2.2	1.7	6.7	5.2
<b>Number of Crop Farms</b>					
Sugarcane	1	1	1	1	1
Pineapple	5	5	5	9	9
Vegetables and melons	107	107	106	120	102
Fruits (excluding pineapple)	260	258	250	260	272
Coffee	27	34	32	30	32
Macadamia Nuts	10	20	20	10	20
Taro	25	20	20	20	15
Flowers and nursery products	180	185	190	210	200
<b>Value of Sales (\$1,000)</b>					
Sugar (unprocessed cane)	46,200	44,200	40,700	37,800	34,500
Pineapple (fresh equivalent)	28,400	D	D	T	T
Vegetables, ginger root, herbs, and melons	9,632	9,150	11,053	6,545	6,630
Fruits (excluding pineapple)	1,316	2,038	1,953	1,734	2,382
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	9,535	11,910	11,823	13,337	13,922
Total crops	129,200	145,983	141,017	150,643	144,231

D: Withheld to avoid disclosure of individual operations

T: Withheld to avoid disclosure of individual operations, but included in total under All other crops

SOURCE: HAWAII' AGRICULTURAL STATISTICS SERVICE, STATISTICS OF HAWAII' AGRICULTURE (ANNUAL).

## 5.1.7

**SUGARCANE, MAUI ISLAND**

	2005	2006	2007	2008	2009
Number of farms	1	1	1	1	1
Acreage (1,000 acres)					
In crop	33.0	34.9	32.4	34.5	34.4
Harvested for sugar	16.6	16.9	16.9	16.9	15.1
Yield per acre (tons)					
Sugarcane	80.20	78.30	70.40	65.80	64.50
Raw Sugar 96°	11.58	10.24	9.74	8.55	8.40
Production of cane for sugar (1,000 tons)	1,331	1,323	1,190	1,112	974
Farm price (dollar per ton)	33.20	30.80	31.80	31.00	30.80
Value of cane for sugar (\$1 million)	44.2	40.7	37.8	34.5	30.0
Mill production (1,000 tons)					
Raw Sugar 96°	193	173	165	145	127
Molasses	57	56	50	52	41
Average returns received (dollars per ton)					
Raw Sugar 96°	342.00	350.00	342.00	355.00	352.00
Molasses	60.00	75.50	87.30	87.20	142.80
Value of production (\$1 million)					
Raw Sugar 96°	66.0	60.6	56.4	51.5	44.7
Molasses	3.4	4.2	4.4	4.5	5.9
Total	69.4	64.8	60.8	56.0	50.6

Note: Yield and prices may not compute due to rounding

SOURCE: HAWAII AGRICULTURAL STATISTICS SERVICE, STATISTICS OF HAWAII AGRICULTURE (ANNUAL).

## 5.1.8

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

<b>Harvested Acreage</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Beans, snap	45	45	50	50	50
Cabbage, head	175	200	140	120	110
Celery	10	D	D	D	D
Cucumbers	185	195	190	190	200
Onions, dry	125	125	110	100	90
Romaine	30	35	20	20	20
Squash, Italian	75	90	65	70	50
Sweet potatoes	50	70	D	D	D
Taro <sup>1</sup>	75	75	90	70	85
<b>Production (1,000 pounds)</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Beans, snap	230	170	225	260	330
Cabbage, head	4,800	4,500	3,100	3,200	3,300
Celery	300	D	D	D	D
Cucumbers	3,300	2,780	3,600	3,060	2,900
Onions, dry	1,150	1,550	1,270	1,200	1,100
Romaine	400	600	270	260	200
Squash, Italian	760	650	465	420	350
Sweet potatoes	600	580	D	D	D
Taro (marketings) <sup>1</sup>	800	900	910	910	690
<b>Value of Sales (\$1,000)</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Beans, snap	216	166	187	169	330
Cabbage, head	1,478	1,233	809	928	990
Celery	89	D	D	D	D
Cucumbers	1,690	1,290	1,775	1,502	1,543
Onions, dry	1,995	2,429	1,918	1,524	1,375
Romaine	204	324	167	148	102
Squash, Italian	418	364	279	252	210
Sweet potatoes	330	377	D	D	D
Taro <sup>1</sup>	441	511	570	563	487

D: Withheld to avoid disclosure of individual operations

<sup>1</sup>. O'ahu combined with Maui and Moloka'i to avoid disclosure of individual operations

SOURCE: HAWAII' AGRICULTURAL STATISTICS SERVICE, STATISTICS OF HAWAII' AGRICULTURE (ANNUAL).

## 5.1.9

## FLORICULTURE AND NURSERY PRODUCTS, MAUI COUNTY

*Number of farms and growing area*

State Total	Number of Farms	Greenhouse (1,000 sq. ft.)	Artificial Shade (1,000 sq. ft.)	Open (Acres)	Field Total (Acres)
2004	920	2,620	26,560	3,160	3,830
2005	955	2,095	27,015	3,320	3,988
2006	930	2,190	25,410	3,430	4,064
2007	1,060	2,020	25,012	3,755	4,376
2008	1,025	2,135	24,020	2,640	3,240
<b>Maui County</b>					
2004	180	285	750	530	554
2005	185	265	795	525	549
2006	190	280	735	520	544
2007	210	355	490	640	659
2008	200	375	645	630	653

SOURCE: HAWAII AGRICULTURAL STATISTICS SERVICE, STATISTICS OF HAWAII AGRICULTURE (ANNUAL).

## 5.1.10

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

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

Commodity	2004	2005	2006	2007	2008
Cut Flowers	2,530	2,838	2,785	3,293	2,623
Orchids	918	991	992	1,104	1,118
Lei Flowers	880	1,249	1,334	1,504	1,432
Foliage	450	482	513	622	527
Potted Flowering Plants	1,274	1,621	1,265	861	1,202
All Other Nursery Products	3,268	4,419	4,579	5,563	6,670
Unspecified Sales	215	310	355	390	350
Total	9,535	11,910	11,823	13,337	13,922

SOURCE: HAWAII AGRICULTURAL STATISTICS SERVICE, STATISTICS OF HAWAII AGRICULTURE (ANNUAL).

## 5.1.11

### FRUITS: VALUE OF SALES, MAUI COUNTY

1,000 dollars (Fresh weight basis)

Maui/Moloka'i/Lāna'i	Pineapples	Other	Total
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	30,894
2003	30,441 <sup>r</sup>	1,451	31,892
2004	27,977	1,316 <sup>r</sup>	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: HAWAII 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: HAWAII AGRICULTURAL STATISTICS SERVICE, STATISTICS OF HAWAII AGRICULTURE 2004 (ANNUAL).

5.1.13

**AGRICULTURAL TOURISM BY COUNTY,  
2003 AND 2006**

County	Total Farms		Ag-Tourism Activity		(\$1,000) Value of Ag-Tourism		Farms Planning Ag-Tourism Activities	
	2003	2006	2003	2006	2003	2006	2003	2006
Maui	800	800	43	28	6,772	4,994	37	14
Hawai'i	3,300	3,300	89	56	12,562	13,206	65	50
Honolulu	900	900	31	13	8,586	14,201	23	10
Kaua'i	500	500	24	15	5,949	6,365	20	10
<b>State</b>	<b>5,500</b>	<b>5,500</b>	<b>187</b>	<b>112</b>	<b>33,869</b>	<b>38,766</b>	<b>145</b>	<b>84</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: HAWAII AGRICULTURAL STATISTICS SERVICE, STATISTICS OF HAWAII AGRICULTURE 2007 (ANNUAL).

## 5.1.14

## FARM INCOME AND EXPENSES MAUI COUNTY

Income and Expenses	2004	2005	2006	2007	2008
<b>Cash receipts from marketing</b>	154,347	173,930	171,761	191,627	191,728
Cash receipts: livestock and products	6,080	7,048	5,636	5,051	4,518
Cash receipts: crops	148,267	166,882	166,125	186,576	187,210
<b>Other income</b>	9,092	8,618	10,184	8,996	14,076
Government payments	424	721	494	171	1,734
Imputed and miscellaneous income	8,668	7,897	9,690	8,825	12,342
<b>Total production expenses</b>	128,632	132,680	136,068	137,989	138,480
Feed purchased	2,822	2,713	2,552	2,823	3,655
Livestock purchased	398	436	522	413	290
Seed purchased	4,073	4,069	3,840	3,730	3,732
Fertilizer and lime	11,149	12,724	13,471	11,101	11,165
Petroleum products purchased	5,675	6,746	7,502	6,565	6,590
Hired farm labor expenses	58,109	53,853	50,852	48,928	46,749
All other production expenses	46,406	52,139	57,329	64,429	66,299
<b>Value of Inventory Change</b>	130	-83	104	-580	-347
Livestock: value of inventory change	-112	395	-360	-653	-231
Crops: value of inventory change	0	0	0	0	0
Materials and supplies: value of inventory change	242	-478	464	73	-116
<b>Total cash receipts and other income</b>	163,439	182,548	181,945	200,623	205,804
less: Total production expenses	128,632	132,680	136,068	137,989	138,480
<b>Realized Net Income</b>	34,807	49,868	45,877	62,634	67,324
plus: Value of inventory change	130	-83	104	-580	-347
<b>Total net income including corporate farms</b>	34,937	49,785	45,981	62,054	66,977
less: Net income of corporate farms	24,403	30,287	25,110	36,807	41,761
plus: Statistical adjustment	0	0	0	0	0
<b>Total net farm proprietor's income</b>	10,534	19,498	20,871	25,247	25,216
plus: Farm wages and perquisites	57,310	55,798	57,326	58,013	56,252
plus: Farm supplements to wages and salaries	10,365	9,168	9,658	10,855	10,356
<b>Total farm labor and proprietor's income</b>	78,209	84,464	87,855	94,115	91,824

SOURCE: REGIONAL ECONOMIC INFORMATION SYSTEM, BUREAU OF ECONOMIC ANALYSIS, U.S. DEPARTMENT OF COMMERCE

## 5.2.1

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

*Pounds landed*

	2004	2005	2006	2007	2008
<b>Fishing Method</b>					
Aku Pole & Line	578,171	NA	630,590	643,029	702,193
Longline	14,759,339	18,793,030	16,426,235	23,942,579	25,526,099
Deep Bottom Handline	587,452	496,822	449,581	435,934	503,814
Tuna Handline	1,917,785	1,632,844	1,478,051	1,770,695	1,180,948
Trolling	3,113,131	2,505,381	2,587,228	2,885,501	3,020,287
All Other	1,503,648	2,342,990	1,306,136	1,529,253	1,154,310
<b>Total</b>	<b>22,459,526</b>	<b>25,771,067</b>	<b>22,877,821</b>	<b>31,206,991</b>	<b>32,087,651</b>
<b>Species Group</b>					
Tunas	13,315,002	14,596,986	12,618,034	18,660,259	18,908,288
Bill & Swordfish	2,294,177	4,655,440	4,038,122	5,470,247	6,406,085
Misc. Pelagic	4,633,532	4,405,774	4,296,982	4,711,822	4,847,981
Deep Bottom	612,359	522,728	474,860	478,899	482,824
Akule/'Ōpelu	1,002,718	887,225	867,448	1,094,462	620,770
Inshore	288,772	253,828	240,299	268,452	309,760
All Other	312,966	449,086	342,076	522,850	511,943
<b>Total</b>	<b>22,459,526</b>	<b>25,771,067</b>	<b>22,877,821</b>	<b>31,206,991</b>	<b>32,087,651</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, CALENDAR YEAR REPORTS



## 5.2.2

### SEA LANDINGS BY PORT OF LANDING

*Pounds landed*

Port of Landing	2004	2005	2006	2007	2008
Maui County	780,026	611,085	515,064	610,050	765,090
Maui	719,845	556,151	473,620	575,938	NA
Moloka'i	34,777	35,312	23,901	16,408	NA
Lāna'i	25,404	19,622	17,543	17,704	NA
O'ahu	18,292,673	20,887,310	18,738,150	26,269,822	28,332,176
Hawai'i	2,768,967	3,693,069	3,074,866	3,548,890	2,395,446
Kaua'i and Ni'ihau	617,860	579,603	549,741	778,229	594,939
<b>Total</b>	<b>22,459,526</b>	<b>25,771,067</b>	<b>22,877,821</b>	<b>31,206,991</b>	<b>32,087,651</b>

NA: Not available

SOURCE: STATE OF HAWAII, DEPARTMENT OF LAND AND NATURAL RESOURCES, DIVISION OF AQUATIC RESOURCES, COMMERCIAL MARINE LANDINGS SUMMARY TREND REPORT, CALENDAR YEAR REPORTS

## 5.2.3

### SEA LANDINGS BY AREA FISHED, MAUI COUNTY

*Pounds landed*

Area Fished	2004	2005	2006	2007	2008
Kawai (Moloka'i Channel)	74,649	29,565	51,308	22,920	21,918
Penguin Bank	113,864	98,099	87,308	78,646	102,352
Kealaikahiki Channel	62,986	48,409	34,736	24,313	28,517
'Alenuihāhā Channel	24,825	33,982	21,478	73,635	141,146
Moloka'i	72,554	40,004	33,420	24,898	27,846
Lāna'i	101,057	100,281	89,390	137,778	115,492
Kaho'olawe	54,363	23,704	31,037	25,972	12,783
Mākena - Hāna	64,889	37,746	21,044	37,393	53,553
Hāna - Kahului	218,666	158,421	144,266	176,011	221,693
Honolua - Lahaina	4,823	3,041	4,032	5,582	4,649
Lahaina - Mākena	90,831	112,757	74,503	85,938	53,213

SOURCE: STATE OF HAWAII, DEPARTMENT OF LAND AND NATURAL RESOURCES, DIVISION OF AQUATIC RESOURCES, COMMERCIAL MARINE LANDINGS SUMMARY TREND REPORT, CALENDAR 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 41,000 tons of cargo and mail passing through Kahului Airport and just over 5,600,000 tons passing through Kahului Harbor, water transport remains the primary way goods reach Maui.

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

### 6.1.1

## AVERAGE PAID CIRCULATION OF THE MAUI NEWS

For 24 month period ending March 31

Year	Monday - Thursday	Friday	Saturday <sup>1</sup>	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 <sup>2</sup>	25,090
2002			21,214	26,525
2003			21,631	26,833
2004			22,032	26,931
2005			21,902	26,382
2006			21,668	26,547
2007			20,777	25,343

Note: The Maui News started publishing a Saturday edition in 2001.

1. Unless otherwise noted, number is for Monday - Saturday circulation. 2. For the Saturday issue only

SOURCE: AUDIT BUREAU OF CIRCULATIONS, MAUI NEWS AUDIT REPORT, 1990-1998 AND MAUI NEWS RECORDS 2007.

### 6.1.2

## AVERAGE DISTRIBUTION OF OTHER NEWSPAPERS, MAUI COUNTY

Free Circulation	Number Distributed	Frequency
Lahaina News	12,352	weekly
Maui Time	18,000	weekly
Maui Weekly	16,500	weekly
The Lāna'i Times	5,000	monthly
The Moloka'i Dispatch	4,800	weekly
<b>Paid Circulation</b>		
Honolulu Star-Advertiser	NA	daily

NA: Not Available.

SOURCE: HAWAII BUSINESS RESEARCH LIBRARY, PHONE SURVEY

### 6.1.3

## CABLE TELEVISION, SUBSCRIBERS AND REVENUES, BY COUNTY

	Maui	Hawai'i	Honolulu	Kaua'i	State
<b>Subscribers</b>					
2003	49,918	37,921	274,416	21,087	383,342
2004	50,814	38,991	278,336	21,357	389,498
2005	51,626	38,955	282,225	21,378	394,184
2006	52,937	46,274	284,038	24,050	407,299
2007	54,637	47,959	285,811	23,550	411,957
2008	54,569	48,413	287,429	23,608	414,019
2009	54,447	48,149	287,266	23,511	413,373
<b>Basic service revenue (\$1,000)</b>					
2003	18,012	15,821	95,401	8,091	137,325
2004	18,903	16,722	101,318	8,582	145,527
2005	19,861	17,883	106,248	9,102	153,095
2006	20,997	19,181	111,308	9,842	161,329
2007	22,066	20,478	115,633	10,373	168,551
2008	23,381	21,764	125,251	10,963	181,359
2009	24,034	22,340	130,298	11,281	187,954

SOURCE: HAWAII STATE DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, CABLE TELEVISION

### 6.1.4

## RADIO AND TELEVISION BROADCASTING STATIONS IN OPERATION, MAUI COUNTY, 2010

	Maui County	State Total
<b>Commercial</b>		
AM	4	32
FM	15	57
TV	4	21
<b>Public or Educational</b>		
AM	0	0
FM	1	11
TV	0	1

SOURCE: FEDERAL COMMUNICATIONS COMMISSION, MASS MEDIA BUREAU, AUDIO DIVISION, RECORDS.

## 6.2.1

### LIQUID FUEL TAX BASE, MAUI COUNTY

*Thousands of gallons*

	2004	2005	2006	2007	2008	2009
Gasoline	62,593	61,998	66,563	62,629	62,215	59,645
Diesel Oil, non-highway	16,255	8,470	14,229	12,560	15,730	17,295
Diesel Oil, highway use	5,976	5,392	7,581	9,019	8,084	6,416
Liquid Petroleum Gas, off highway	394	0	0	0	0	0
Liquid Petroleum Gas, highway use	15	21	13	7	7	4
Other fuel	328	693	864	443	510	473
Aviation fuel	59,762	60,403	62,292	67,643	53,199	48,280
<b>Total</b>	<b>145,322</b>	<b>136,979</b>	<b>151,542</b>	<b>152,301</b>	<b>139,746</b>	<b>132,112</b>

SOURCE: HAWAII STATE DEPARTMENT OF TAXATION, LIQUID FUEL TAX BASE & TAX COLLECTIONS, ANNUAL.

## 6.2.2

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

Place Name	Population	Resident Working In	Workers Living In	Daytime Population	Percent Change	Percent of Workers Living In
Haiku-Pa'uwela	6,578	1,139	3,071	4,646	-29.4	21.2
Ka'anapali	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 2009

Town	Major <sup>1</sup>	Minor <sup>2</sup>	Civil <sup>3</sup>	Non Traffic
Haiku	1	6	2	1
Hāli'imaile	0	1	0	0
Hāna	2		1	0
Ka'anapali	1	2	2	1
Kahana/Nāpili	1	2	1	0
Kahului	25	44	27	1
Kīhei	16	10	6	0
Kula	4	6	1	0
Lahaina	9	13	4	0
Lāna'i		3	0	0
Ma'alaea	1	1	0	0
Makawao	4	13	2	0
Moloka'i		4	5	0
Pā'ia	2	5	2	0
Pukalani	1	3	3	0
Wailea	4	2	2	0
Wailuku	4	16	7	0
Unknown	2	3	0	0
<b>TOTAL</b>	<b>77</b>	<b>134</b>	<b>65</b>	<b>3</b>

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

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

3. Crash occurred on private property..

SOURCE: COUNTY OF MAUI, MAUI POLICE DEPARTMENT, RECORDS.

6.2.4

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

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

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

NA: Not Available

SOURCE: OIL PRICE INFORMATION SERVICE, ROCKVILLE, MD.



## 6.2.5

### HIGHWAY DISTANCES, MAUI COUNTY

Route	Statute Miles	Route	Statute Miles
<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
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	<b>Lāna'i</b>	
Wailuku-Lahaina, via Olowalu	20.9	Lāna'i City-Lāna'i Airport	3.1
Kahului-Kīhei	8.2	Lāna'i City-Hulopoe	7.5
Lahaina-Wailea	32.4		
Lahaina-Nāpili	8.9		
Lahaina-Kā'anapali	3.7		

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION, RECORDS

## 6.2.6

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

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

	2004	2005	2006	2007	2008	2009
<b>Driver's Licenses in Force</b>	<b>100,916</b>	<b>102,050</b>	<b>103,402</b>	<b>105,635</b>	<b>108,259</b>	<b>109,304</b>
<b>All vehicles</b>	<b>156,880</b>	<b>164,386</b>	<b>163,696</b>	<b>164,537</b>	<b>162,943</b>	<b>158,306</b>
<b>Motor vehicles</b>	<b>152,904</b>	<b>160,277</b>	<b>159,341</b>	<b>160,076</b>	<b>158,417</b>	<b>153,481</b>
Passenger vehicles <sup>1</sup>	118,915	125,169	122,990	122,823	121,249	117,369
Ambulances	12	11	12	14	15	15
Buses	268	272	246	206	199	190
Trucks <sup>1</sup>	30,569	31,495	32,493	33,217	33,010	32,004
Truck tractors	88	86	94	95	89	75
Truck cranes	60	56	76	84	84	80
Motorcycles, motorscooters <sup>2</sup>	2,992	3,188	3,430	3,637	3,771	3,748
Trailers and semi-trailers	3,976	4,109	4,355	4,461	4,526	4,825

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

2. Excluding mopeds (1.5 HP or less), which are legally classified as bicycles.

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, MOTOR VEHICLE SAFETY OFFICE, RECORDS..

## 6.2.7

### HIGHWAY BRIDGES, BY ISLAND, DECEMBER 31, 2009

Island	Number of bridges	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	0	None	0	None	0
Moloka'i	19	Manawainui	360	Manawainui	50
O'ahu	445	Airport Viaduct	14,890	Kipapa	156
Kaua'i	55	Hanamaulu	1,150	Wahiawa, Koloa	90

1 Limited to bridges under State jurisdiction and longer than 20 feet

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION, RECORDS

## 6.2.8

### LENGTH OF STREETS AND HIGHWAYS, PAVED AND UNPAVED BY ISLAND, DECEMBER 31, 2009

Island	Total mileage	Paved		Unpaved
		Freeways	Other	
<b>State total</b>	<b>4,370.68</b>	<b>88.55</b>	<b>4,109.72</b>	<b>172.41</b>
Hawai'i	1,482.44	0.00	1,423.14	59.30
Maui	635.94	0.00	579.24	56.70
Lāna'i	47.80	0.00	33.80	14.00
Moloka'i	136.15	0.00	124.15	12.00
O'ahu	1,652.80	88.55	1,556.33	7.92
Kaua'i	415.54	0.00	393.05	22.49
Ni'ihau	0.00	0.00	0.00	0.00

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION, RECORDS

## 6.2.9

## MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES

Year	Highway fuel consumption		Annual vehicle miles of travel	
	Total (1,000 gallons)	Gallons per vehicle <sup>1</sup>	Total (millions)	Per vehicle <sup>1</sup>
<b>Maui County</b>				
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
2007	75,216	470	1,444.6	9,024
2008	67,902	430	1,411.9	8,913
2009	67,412	441	1,369.2	8,950
<b>State</b>				
1996	426,370	482	8,005.9	9,050
1997	421,499	477	8,003.0	9,050
1998	422,928	473	8,090.2	9,055
1999	417,374	460	8,215.2	9,058
2000	428,425	455	8,525.7	9,058
2001	445,558	461	8,754.3	9,052
2002	477,518	484	8,937.3	9,050
2003	483,232	469	9,325.0	9,046
2004	498,816	463	9,734.6	9,042
2005	505,418	459	10,129.1	9,045
2006	531,505	471	10,196.3	9,044
2007	541,956	478	10,259.9	9,043
2008	540,910	480	10,189.1	9,036
2009	545,413	488	10,095.2	9,031

1. Data include passenger cars, buses, trucks, and motorcycles but exclude trailers and semi-trailers.

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION, PLANNING BRANCH, RECORDS.

## 6.2.10

### VEHICLE REGISTRATION BY TAXATION STATUS, BY COUNTY 2009

Taxation status	State total	Honolulu	Hawai'i	Kaua'i	Maui
<b>Taxable vehicles</b>	<b>1,008,655</b>	<b>623,226</b>	<b>166,133</b>	<b>71,186</b>	<b>148,110</b>
<b>Exempt vehicles</b>	<b>80,256</b>	<b>75,772</b>	<b>1,986</b>	<b>875</b>	<b>1,623</b>
Federal government	406	395	9	0	2
State government	6,176	6,175	0	0	1
County government	7,366	4,512	1,001	576	1,277
Fire department	289	69	127	54	39
Police department	1,704	1,294	405	0	5
Consulates	57	57	0	0	0
Disabled veterans	218	49	150	18	1
Military non-resident	59,814	59,564	44	141	65
Farm	181	38	35	3	105
Horseless carriage	61	48	9	4	0
Electric vehicles	180	111	32	6	31
National Guard	3,804	3,460	174	73	97
<b>Total registered</b>	<b>1,088,911</b>	<b>698,998</b>	<b>168,119</b>	<b>72,061</b>	<b>149,733</b>

SOURCE: HAWAII 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: 2008

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	38	20	54	18	46	4	11	13	35
Honolulu	54	42	79	12	21	2	3	10	19
Kaua'i	16	10	63	6	38	-	-	6	38
Maui	31	18	57	13	43	3	11	10	32
<b>State</b>	<b>139</b>	<b>91</b>	<b>65</b>	<b>49</b>	<b>35</b>	<b>9</b>	<b>6</b>	<b>40</b>	<b>28</b>

SOURCE: U.S. DEPARTMENT OF TRANSPORTATION, NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION (NHTSA), NATIONAL CENTER FOR STATISTICS & ANALYSIS, FATALITY ANALYSIS REPORTING SYSTEM.

## 6.2.12

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

	2004	2005	2006	2007	2008 <sup>2</sup>
Major traffic accidents <sup>1</sup>					
Honolulu	6,935	6,824	6,371	5,827	5,062
Hawai'i	2,517	2,168	1,586	2,161	1,046
Kaua'i	730	649	553	605	567
Maui	825	950	924	953	656
Fatal Accidents					
Honolulu	65	73	81	61	41
Hawai'i	33	32	34	34	29
Kaua'i	9	9	10	9	9
Maui	21	15	19	21	23
Persons Injured					
Honolulu	5,347	5,294	4,909	4,370	3,944
Hawai'i	1,950	1,790	1,357	1,591	761
Kaua'i	509	397	442	497	513
Maui	1,021	1,067	1,040	1,029	645
Persons Killed					
Honolulu	70	76	90	67	43
Hawai'i	41	39	34	38	29
Kaua'i	10	10	14	9	11
Maui	21	15	19	24	24

1. Effective June 20, 1995, includes only accidents with damage of \$3,000 or more or causing injury or death.

2. Preliminary, as of June 1, 2010.

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION, TRAFFIC BRANCH, RECORDS.

## 6.2.13

## ESTIMATED SCHEDULED AIRLINE SEAT CAPACITY FOR ARRIVING FLIGHTS

	Kahului International Airport			Statewide		
	2009	2008	% Change	2009	2008	% Change
<b>DOMESTIC SEATS</b>	<b>1,350,143</b>	<b>1,497,647</b>	<b>-9.85%</b>	<b>6,326,122</b>	<b>6,756,516</b>	<b>-6.37%</b>
<b>US West</b>	<b>1,216,194</b>	<b>1,345,005</b>	<b>-9.58%</b>	<b>5,346,752</b>	<b>5,622,071</b>	<b>-4.90%</b>
Anchorage	24,806	4,239	485.19%	61,544	41,291	49.05%
Denver	40,992	36,712	11.66%	159,624	149,919	6.47%
Las Vegas	0	16,400	-100.00%	232,488	229,104	1.48%
Los Angeles	426,888	441,160	-3.24%	1,919,093	1,965,725	-2.37%
Oakland	4,710	30,970	-84.79%	104,105	168,951	-38.38%
Orange County	0	11,284	-100.00%	0	34,224	-100.00%
Phoenix	113,291	144,534	-21.62%	441,538	511,560	-13.69%
Portland	119,958	96,624	24.15%	286,548	275,232	4.11%
Sacramento	0	16,212	-100.00%	94,524	112,836	-16.23%
Salt Lake City	51,964	49,044	5.95%	135,472	153,354	-11.66%
San Diego	0	72,864	-100.00%	94,524	184,942	-48.89%
San Francisco	230,630	219,978	4.84%	1,045,236	1,055,684	-0.99%
Seattle	202,955	204,984	-0.99%	685,092	641,575	6.78%
<b>US East</b>	<b>133,949</b>	<b>152,642</b>	<b>-12.25%</b>	<b>894,638</b>	<b>1,048,333</b>	<b>-14.66%</b>
Chicago	51,824	72,488	-28.51%	171,494	252,216	-32.01%
Dallas	82,125	80,154	2.46%	246,375	240,462	2.46%
<b>INTERNATIONAL SEATS</b>	<b>91,751</b>	<b>94,216</b>	<b>-2.62%</b>	<b>2,460,599</b>	<b>2,538,749</b>	<b>-3.08%</b>
Canada	91,751	94,216	-2.62%	228,838	280,375	-18.38%
Calgary	1,477	0	NA	2,743	0	NA
Vancouver	90,274	94,216	-4.18%	225,007	280,375	-19.75%
<b>TOTAL SEATS</b>	<b>1,441,894</b>	<b>1,591,863</b>	<b>-9.42%</b>	<b>8,786,721</b>	<b>9,295,265</b>	<b>-5.47%</b>

Note: Includes direct, non-stop flights only. Not all originating locations are listed. Charter flights are not included.

SOURCE: OFFICIAL AIRLINE GUIDE. CALCULATIONS BY THE HAWAII TOURISM AUTHORITY.

## 6.2.14

### AIRCRAFT OPERATIONS BY TYPE OF AIRCRAFT, MAJOR STATE-OWNED AIRPORTS 2009

Airport	Total operations	Air carrier	Air taxi	General aviation	Military
Honolulu International	274,434	154,362	62,873	41,737	15,462
Kahului	118,800	40,802	58,664	15,306	4,028
Kona International	109,581	28,355	16,286	51,669	13,271
Līhu'e	99,171	21,015	51,207	20,459	6,490
Hilo International	67,851	15,689	36,953	9,090	6,119
Moloka'i	24,295	0	17,966	5,629	700

Definitions:

Aircraft Operations: Total aircraft movements, takeoffs and landings, combined

Air carrier: large commercial aircraft having more than 60 seats

Air taxi: small commercial aircraft with 60 seats or less.

General Aviation is all types of civil aviation, including private jets, corporate jets, and helicopters.

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, AIRPORTS DIVISION, RECORDS.

## 6.2.15

### AIRCRAFT OPERATIONS BY TYPE OF AIRCRAFT, KAHULUI AND MOLOKA'I AIRPORTS

	2002	2003	2004	2005	2006	2007	2008	2009
<b>Kahului Airport</b>								
All movements	157,868	151,558	160,552	168,449	164,992	148,034	128,022	118,800
Air carrier	51,275	47,295	50,729	59,210	67,676	52,172	39,240	40,802
Air taxi	77,357	76,261	80,563	77,844	70,272	72,935	68,981	58,664
General Aviation	25,218	24,169	25,543	27,326	24,468	20,237	17,005	15,306
Military	4,018	3,833	3,717	4,069	2,576	2,690	2,796	4,028
<b>Moloka'i Airport</b>								
All movements	43,065	40,944	36,757	39,364	39,685	37,615	31,200	24,295
Air carrier	964	656	424	0	181	0	0	0
Air taxi	27,213	27,116	24,321	26,349	27,488	26,821	23,405	17,966
General Aviation	11,931	11,450	10,702	10,977	10,137	9,407	6,601	5,629
Military	2,957	1,722	1,310	2,038	1,879	1,387	1,194	700

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, AIRPORTS DIVISION, AIRPORT ACTIVITY STATISTICS.

## 6.2.16

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

Airport	2006		2007		2008		2009	
	Outgoing	Incoming	Outgoing	Incoming	Outgoing	Incoming	Outgoing	Incoming
<b>Passengers</b>								
Kahului								
interisland	1,490,963	1,468,422	1,644,999	1,636,703	1,381,700	1,373,026	1,333,172	1,322,789
overseas	1,350,369	1,381,122	1,597,194	1,635,918	1,345,248	1,363,813	1,259,248	1,273,707
Moloka'i	108,257	110,938	114,999	119,400	106,988	110,268	93,083	95,490
Lāna'i	53,945	54,393	63,803	63,843	56,889	56,722	46,111	45,745
Kapalua	61,032	64,004	51,177	53,883	59,939	59,624	44,999	45,280
Hāna	4,307	4,341	2,619	2,652	1,462	1,575	764	563
Kalaupapa	6,249	5,760	3,695	4,088	3,135	4,283	2,220	2,359
<b>Cargo (U.S. tons)</b>								
Kahului								
interisland	4,543	13,412	4,267	13,412	4,019	10,285	3,738	10,220
overseas	4,924	7,682	5,157	9,531	3,674	9,113	2,478	7,887
Moloka'i	785	329	329	804	204	730	204	725
Lāna'i	74	735	84	771	101	620	60	532
Kapalua	259	654	253	617	266	679	192	619
Hāna	7	15	6	4	0	4	0	1
Kalaupapa	14	169	12	146	13	180	18	150
<b>Mail (U.S. tons)</b>								
Kahului								
interisland	860	7,733	875	7,172	875	7,651	863	7,445
overseas	1,111	4,036	678	4,544	988	4,737	721	4,272
Moloka'i	60	216	85	270	132	276	90	145
Lāna'i	81	128	19	134	33	131	23	75
Kapalua	0	2	30	82	2	0	0	0
Hāna	0	0	0	0	0	0	0	0
Kalaupapa	7	20	5	15	5	15	4	10

Note: Overseas includes both U.S. mainland and international flights

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, AIRPORTS DIVISION, RECORDS



6.2.17

**PRIVATE PASSENGER AIRCRAFT AND CORPORATE JET LANDINGS,  
KAHULUI AIRPORT FY 08-09**

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	2	3	2	1	0	3	0	0	3	2	1	4	21
20,000 - 30,000	3	1	1	6	3	4	6	3	7	6	1	3	44
30,000 - 40,000	16	27	12	21	25	46	42	21	28	24	15	15	292
40,000 - 50,000	10	11	10	4	3	18	13	4	2	9	3	6	93
50,000 - 75,000	23	25	5	12	13	31	28	9	23	14	6	14	203
75,000 - 100,000	12	17	6	2	5	13	12	5	8	3	4	11	98
>100,000	3	1	2	0	4	0	3	0	0	1	0	1	15
<b>Total</b>	<b>69</b>	<b>85</b>	<b>38</b>	<b>46</b>	<b>53</b>	<b>115</b>	<b>104</b>	<b>42</b>	<b>71</b>	<b>59</b>	<b>30</b>	<b>54</b>	<b>766</b>

MLW: Maximum Landing Weight

Aircraft Types by MLW

< 10,000: Britten-Norman.

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

20,000 - 30,000: Cessna CIT 680, G-150, 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: DC Dash 8, 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: A340-200, B 767-200, B737-700, B737, Boeing Business, B727-100, B727, B727-200.

SOURCE: STATE OF HAWAII, DEPARTMENT OF TRANSPORTATION, AIRPORTS DIVISION, RECORDS.

## 6.2.18

### VESSEL ARRIVALS FOR KAHULUI HARBOR

*Excludes domestic fishing craft*

	2004	2005	2006	2007	2008
<b>Total Inbound Vessels</b>	<b>1,417</b>	<b>1,420</b>	<b>1,426</b>	<b>1,507</b>	<b>2,160</b>
<b>By Type of Vessel</b>					
Self propelled vessels					
Passenger and dry cargo	120	161	203	203	96
Tanker	2	4	3	3	6
Towboat or tugboat	816	683	655	673	1,544
Non-self propelled vessels					
Dry Cargo	400	459	461	517	419
Tanker	79	113	104	111	95
<b>By Draft</b>					
Less than 18 feet	1,231	1,132	1,012	992	1,417
18 feet and more	186	288	414	515	743

SOURCE: U.S. DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS, WATERBORNE COMMERCE OF THE UNITED STATES, PART 4, PACIFIC COAST, ALASKA, AND HAWAII, CALENDAR YEARS.

## 6.2.19

### FREIGHT TRAFFIC FOR KAHULUI HARBOR

Freight Traffic (In thousand short tons)	
1992	2,357
1993	2,216
1994	2,368
1995	2,586
1996	2,828
1997	2,895
1998	2,851
1999	3,513
2000	3,477
2001	3,695
2002	3,458
2003	3,778
2004	3,901
2005	4,132
2006	4,794
2007	5,630
2008	3,958

SOURCE: U.S. DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS, WATERBORNE COMMERCE OF THE UNITED STATES, PART 4, PACIFIC COAST, ALASKA, AND HAWAII, CALENDAR YEARS..

## 6.2.20

## KAHULUI HARBOR FREIGHT TRAFFIC BY COMMODITY, 2008

*In thousands of short tons*

	Total	Domestic Receipts	Domestic Shipments	Foreign Inbound
<b>All Commodities</b>	3958	2304	1549	106
<b>Total coal</b>	94	0	0	94
1100 coal & lignite	94	0	0	94
<b>Total Petroleum and Petroleum Products</b>	<b>448</b>	<b>440</b>	<b>0</b>	<b>8</b>
2211 Gasoline	213	213	0	0
2330 Distillate fuel oil	160	160	0	0
2340 Residual fuel oil	58	58	0	0
2350 Lub oil & greases	1	1	0	0
2640 Hydrocarbon & petrol gases, liquefied and gaseous	16	8	0	8
<b>Total Chemicals and Related Products</b>	<b>23</b>	<b>23</b>	<b>0</b>	
3190 Fertilizers and mixes NEC	18	18	0	0
3220 Alcohols	4	4	0	0
<b>Total Crude Materials, Inedible (Except Fuels)</b>	<b>74</b>	<b>46</b>	<b>28</b>	<b>0</b>
4189 Lumber	50	46	4	0
4420 Iron & steel scrap	24	0	24	0
<b>Total Primary Manufactured Goods</b>	<b>2588</b>	<b>1311</b>	<b>1274</b>	<b>3</b>
5190 Paper products NEC	5	5	0	0
5220 Cement and concrete	70	70	0	0
5290 Misc. mineral products	4	4	0	0
5370 Iron & steel pipe and tube	2	2	0	0
5480 Fabricated metal products	2502	1229	1273	0

## 6.2.20

CONTINUED

	Total	Domestic Receipts	Domestic Shipments	Foreign Inbound
<b>Total Food and Farm Products</b>	<b>264</b>	<b>191</b>	<b>73</b>	<b>0</b>
6442 Rice	2	2	0	0
6654 Vegetables and products	31	10	21	0
6781 Hay & fodder	1	1	0	0
6782 Animal feed, prepared	4	4	0	0
6811 Meat, fresh, frozen	5	5	0	0
6839 Animals and products NEC	4	2	2	0
6861 Sugar	9	0	9	0
6865 Molasses	21	0	21	0
6885 Alcoholic beverages	24	24	0	0
6889 Food products NEC	159	139	20	0
6899 Farm products NEC	4	4	0	0
<b>Total All Manufactured Equipment, Machinery, and Products</b>	<b>460</b>	<b>292</b>	<b>167</b>	<b>0</b>
7110 Machinery (not electric)	6	4	2	0
7120 Electrical machinery	2	1	1	0
7210 Vehicles & parts	190	108	82	0
7400 Manufactured wood products	42	35	7	0
7600 Rubber and plastic products	1	0	1	0
7900 Manufactured products NEC	218	144	74	0
<b>Total Waste and Scrap NEC</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>0</b>
8900 Waste and scrap NEC	6	0	6	0

Note: Totals may not add due to rounding.

NEC: Not elsewhere classified

SOURCE: U.S. DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS, WATERBORNE COMMERCE OF THE UNITED STATES, PART 4, PACIFIC COAST, ALASKA, AND HAWAII, CALENDAR YEARS

## 6.2.21

## KAHULUI HARBOR FREIGHT TRAFFIC, BY COMMODITY, HISTORICAL

*In short tons*

	2005	2006	2007	2008
<b>All Commodities</b>	<b>4,132,492</b>	<b>4,793,519</b>	<b>5,629,882</b>	<b>3,957,865</b>
Receipts	2,829,832	2,934,190	3,340,983	2,409,330
Shipments	1,302,660	1,859,329	2,288,899	1,548,535
<b>Total Coal</b>	<b>72,094</b>	<b>45,490</b>	<b>65,629</b>	<b>94,202</b>
Receipts	72,094	45,490	65,629	94,202
Shipments	0	0	0	0
<b>Total Petroleum and Petroleum Products</b>	<b>628,619</b>	<b>537,608</b>	<b>602,444</b>	<b>448,417</b>
Receipts	622,146	537,608	598,221	448,396
Shipments	6,473	0	4,223	21
<b>Total Chemicals and Related Products</b>	<b>26,666</b>	<b>28,614</b>	<b>31,542</b>	<b>23,234</b>
Receipts	25,788	28,255	30,719	22,962
Shipments	878	359	823	272
<b>Total Crude Materials, Inedible (Except Fuels)</b>	<b>164,081</b>	<b>94,160</b>	<b>74,748</b>	<b>74,299</b>
Receipts	144,589	65,588	55,990	46,194
Shipments	19,492	28,572	18,758	28,105
<b>Total Primary Manufactured Goods</b>	<b>2,063,890</b>	<b>2,968,697</b>	<b>3,847,734</b>	<b>2,587,964</b>
Receipts	1,309,490	1,566,202	1,952,700	1,313,664
Shipments	754,400	1,402,495	1,895,034	1,274,300
<b>Total Food and Farm Products</b>	<b>525,214</b>	<b>444,466</b>	<b>365,483</b>	<b>264,064</b>
Receipts	210,932	226,388	215,684	190,592
Shipments	314,282	218,078	149,799	73,472
<b>Total All Manufactured Equipment, Machinery</b>	<b>650,854</b>	<b>670,830</b>	<b>637,814</b>	<b>459,504</b>
Receipts	444,318	461,575	421,796	292,683
Shipments	206,536	209,255	216,018	166,821
<b>Total Waste and Scrap, NEC</b>	<b>599</b>	<b>567</b>	<b>4,244</b>	<b>5,544</b>
Receipts	0	0	0	0
Shipments	599	567	4,244	5,544
<b>Unknown or NEC</b>	<b>475</b>	<b>3,087</b>	<b>244</b>	<b>637</b>
Receipts	475	3,084	244	637
Shipments	0	3	0	0

SOURCE: U.S. DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS, WATERBORNE COMMERCE OF THE UNITED STATES, PART 4, PACIFIC COAST, ALASKA, AND HAWAII', CALENDAR YEARS.



## 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 2009.

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: 2009

Facility (mirror diameter in meters)	Capital cost (\$ mil)	Annual operating cost (\$ mil)	County based staff	Operational
<b>Mauna Kea observatories:</b>				
UH 2.2-m (Optical/Infrared)	5	1.2	7	1970
Canada-France-Hawaii 3.6-m (Optical/Infrared)	30	7.5	49	1979
NASA IRTF 3.0-m (Infrared)	10	4	16	1979
United Kingdom 3.8-m (Infrared)	5	3.3	27	1979
James Clerk Maxwell 15-m Submillimeter	32	3.8	27	1986
Caltech 10.4-m Submillimeter	10	2.6	11	1986
VLBA Antenna 25-m (Radio)	7	0.3	2	1992
W.M. Keck Observatory (Keck I & II)				
10-m x 2 (Optical/Infrared)	170	13	130	1992/1996
Subaru (Japan National Large Telescope)				
8-m (Optical/Infrared)	170	18.4	96	1999
Fredrick C. Gillett Gemini 8m (Optical/Infrared)	92	13.3	105	1999
Submillimeter Array 8x6-m	80	5	27	2003
Mauna Kea Observatories Support Services	X	3.9	30	1980
<b>Total</b>	611	72.4	527	
<b>Haleakala observatories:</b>				
Mees Solar Observatory	0.5	0.1	2	1968
Haleakala Observatories Projects	NA	0.42	5	1979
Maui Space Surveillance Site (MSSS) 3/ Advanced Electro-Optical System	200	16	120	1979
3.7-m Telescope (AEOS)	50	15	55	1997
Faulkes 2-m Telescope	5	0.4	2	2003
Transportable Laser Ranging System (TLRS4)	0.6	0.4	4	2005
Panoramic Survey Telescope And Rapid Response System (Pan-STARRS) PS1 @ LURE Observatory	15	3	9	2009
Haleakala Support Facilities	NA	0.38	9	NA
<b>Total</b>	261.1	35.7	208	

NA Not available.

X Not applicable.

SOURCE: UNIVERSITY OF HAWAII AT MANOA, INSTITUTE FOR ASTRONOMY, RECORDS.



## 7.1.2

## ELECTRIC UTILITY STATISTICS, MAUI COUNTY

	2005	2006	2007	2008	2009
<b>Customers, Dec 31</b>					
Total					
Maui Island	59,248	60,218	61,485	62,266	62,707
Moloka'i	3,085	3,099	3,141	3,151	3,146
Lāna'i	1,568	1,620	1,697	1,648	1,636
Maui County	63,901	64,937	66,323	67,065	67,489
Residential					
Maui Island	50,281	50,922	52,066	52,922	53,438
Moloka'i	2,504	2,531	2,579	2,590	2,589
Lāna'i	1,350	1,381	1,431	1,413	1,404
Maui County	54,135	54,834	56,076	56,925	57,431
Other					
Maui Island	8,967	9,296	9,419	9,344	9,269
Moloka'i	581	568	562	561	557
Lāna'i	218	239	266	235	232
Maui County	9,766	10,103	10,247	10,140	10,058
<b>Generating and Firm Purchased Capability, Dec 31 (mW)</b>					
Maui Island	232.8	248.0	260.3	262.3	262.3
Moloka'i	11.8	11.8	11.8	11.8	11.8
Lāna'i	10.3	10.3	9.3	9.3	10.1
Maui County	254.9	270.1	281.4	283.4	284.2
<b>Peak Demand (mW)1</b>					
Maui Island	202.1	206.4	204.4	194.4	199.9
Moloka'i	6.3	6.2	6.3	5.9	5.9
Lāna'i	5.1	5.5	5.4	5.2	4.7
<b>Power Sold (1,000 kWh)</b>					
Total					
Maui Island	1,188,253	1,202,503	1,213,611	1,176,505	1,134,313
Moloka'i	35,918	35,273	35,756	33,586	31,834
Lāna'i	27,942	28,691	30,736	29,138	26,097
Maui County	1,252,113	1,266,467	1,280,103	1,239,229	1,192,244
Residential					
Maui Island	421,130	424,628	428,414	414,006	408,068
Moloka'i	13,012	12,717	12,697	12,437	12,261
Lāna'i	7,865	8,088	8,465	8,120	7,614
Maui County	442,007	445,433	449,576	434,563	427,943
Other					
Maui Island	767,123	777,875	785,197	762,499	726,245
Moloka'i	22,906	22,556	23,059	21,149	19,573
Lāna'i	20,077	20,603	22,271	21,018	18,483
Maui County	810,106	821,034	830,527	804,666	764,301

## 7.1.2

CONTINUED

	2005	2006	2007	2008	2009
<b>Average Annual Use, Dec 31 (kWh)</b>					
Residential					
Maui Island	8,376	8,339	8,228	7,823	7,636
Moloka'i	5,196	5,024	4,923	4,802	4,736
Lāna'i	5,826	5,857	5,915	5,747	5,423
Other					
Maui Island	85,550	83,678	83,363	81,603	78,352
Moloka'i	39,425	39,711	41,030	37,699	35,140
Lāna'i	92,096	86,205	83,726	89,438	79,668
<b>Average Rate (dollars per kWh)</b>					
Residential					
Maui Island	0.24687	0.27784	0.28056	0.37117	0.25553
Moloka'i	0.30111	0.33955	0.34197	0.43692	0.32102
Lāna'i	0.30019	0.32505	0.32782	0.44089	0.32598
Other					
Maui Island	0.23321	0.26349	0.26337	0.35394	0.23856
Moloka'i	0.29621	0.33543	0.33497	0.43307	0.32478
Lāna'i	0.29003	0.31364	0.32809	0.44362	0.33171
<b>Revenues (\$1,000)</b>					
Total					
Maui Island	282,868	322,941	326,991	423,546	277,527
Moloka'i	10,703	11,884	12,066	14,593	10,293
Lāna'i	8,184	9,091	10,081	12,904	8,613
Maui County	301,755	343,916	349,138	451,043	296,433
Residential					
Maui Island	103,964	117,980	120,197	153,668	104,272
Moloka'i	3,918	4,318	4,342	5,434	3,936
Lāna'i	2,361	2,629	2,775	3,580	2,482
Maui County	110,243	124,927	127,314	162,682	110,690
Other					
Maui Island	178,904	204,961	206,794	269,878	173,255
Moloka'i	6,785	7,566	7,724	9,159	6,357
Lāna'i	5,823	6,462	7,307	9,324	6,131
Maui County	191,512	218,989	221,825	288,361	185,743

mW: Megawatts

kWh: Kilowatt hours

1. 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.

SOURCE: HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, STRATEGIC INDUSTRIES DIVISION; HAWAIIAN ELECTRIC CO., INC., SECURITIES AND EXCHANGE COMMISSION, 10-K FILINGS 2005-2010.

## 7.1.3

## GAS UTILITY STATISTICS, MAUI COUNTY

*Excludes bottled gas*

	2005	2006	2007	2008	2009
<b>Island of Maui</b>					
<b>Customers, Dec. 31</b>					
Residential	321	319	341	431	429
Other	76	77	77	82	84
Total	397	396	418	513	513
<b>Gas Sold (1,000 therms)</b>					
Residential	74	76	83	93	100
Other	755	726	724	681	660
Total	829	802	807	774	760
<b>Average Annual Use (therms)</b>					
Residential	231	238	243	216	233
Other	9,934	9,429	9,403	8,305	7,857
<b>Average rate (dollar per therm)</b>					
Residential	3.14865	3.34211	3.49398	4.08602	3.58000
Other	1.87550	2.05510	2.25138	2.88399	2.23030
<b>Revenues (\$1,000)</b>					
Residential	233	254	290	380	358
Other	1,416	1,492	1,630	1,964	1,472
Total	1,649	1,746	1,920	2,344	1,830
<b>Islands of Moloka'i and Lāna'i<sup>1</sup></b>					
<b>Customers, Dec. 31</b>					
Moloka'i	78	81	80	82	77
Lāna'i	NA	6	12	9	16
<b>Gas Sold (1,000 therms)</b>					
Moloka'i	14	14	13	14	12
Lāna'i	NA	NA	NA	1	1
<b>Average Annual Use (therms)</b>					
Moloka'i	179	173	163	171	156
Lāna'i	NA	NA	NA	NA	63
<b>Average rate (dollar per therm)</b>					
Moloka'i	3.35714	3.71429	4.00000	4.08602	4.25000
Lāna'i	NA	NA	NA	NA	6.00000
<b>Revenues (\$1,000)</b>					
Moloka'i	47	52	52	61	51
Lāna'i	NA	NA	3	5	6

1. All Moloka'i and Lāna'i customers are residential

SOURCE: HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, STRATEGIC INDUSTRIES DIVISION.

## 7.1.4

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

*In trillion BTU*

	2004	2005	2006	2007	2008
<b>Coal</b>	<b>19.3</b>	<b>18.0</b>	<b>17.5</b>	<b>19.0</b>	<b>20.2</b>
<b>Natural gas</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.1</b>
<b>Petroleum</b>					
Distillate fuel oil	50.3	42.6	39.0	54.1	32.8
Jet fuel	75.9	92.8	86.9	72.3	60.7
Liquefied petroleum gas	1.7	1.6	1.7	1.5	2.4
Motor gasoline	56.0	56.1	58.8	57.5	52.4
Residual fuel oil	82.4	83.0	92.3	102.6	78.4
Other	16.7	17.9	17.0	16.5	14.5
<b>Total petroleum</b>	<b>283.0</b>	<b>294.0</b>	<b>295.7</b>	<b>304.5</b>	<b>241.2</b>
<b>Renewable Energy</b>					
Hydroelectric	0.9	1.0	1.2	0.9	0.8
Wood and waste	9.3	8.2	8.2	7.6	8.2
Ethanol fuel	0.0	1.2	1.4	1.8	3.3
Geothermal	4.5	4.7	4.5	4.8	4.9
Solar / Photovoltaic	1.5	1.6	1.8	2.0	2.6
Wind	0.1	0.1	0.8	2.4	2.4
<b>Total renewable energy</b>	<b>16.3</b>	<b>16.7</b>	<b>17.8</b>	<b>19.5</b>	<b>22.2</b>
<b>Total Energy Consumption</b>	<b>318.7</b>	<b>328.8</b>	<b>331.2</b>	<b>343.2</b>	<b>283.8</b>

SOURCE: U.S. DEPARTMENT OF ENERGY, ENERGY INFORMATION ADMINISTRATION, STATE ENERGY DATA SYSTEM

## 7.1.5

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	<b>Number of Services</b>									
Maui County	29,750	30,414	31,021	31,680	32,344	33,123	33,675	34,682	35,444	35,540
Maui	28,217	28,872	29,451	30,102	30,751	31,510	32,045	33,032	33,789	33,876
Moloka'i	1,533	1,542	1,570	1,578	1,593	1,613	1,630	1,650	1,655	1,664
	<b>Consumption (million gallons)</b>									
Maui County	12,719	12,883	12,312	12,695	12,436	12,961	13,186	13,258	12,797	12,074
Maui	12,388	12,546	11,997	12,357	12,105	12,644	12,883	12,961	12,510	11,794
Moloka'i	331	337	315	338	331	317	303	297	287	280

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT, 2000-2009.

7.1.6

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

*in thousands of gallons*

Area	09/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	Previous 12 Months
<b>Central Maui</b>													
Groundwater-Īao	15,094	15,277	14,416	12,310	12,483	13,252	15,154	13,859	15,329	17,825	18,724	17,891	15,148
Īao Tunnel	1,524	1,491	1,455	1,457	1,457	1,448	1,416	1,576	1,583	1,604	1,573	1,569	1,513
Groundwater-Waihe'e	5,971	6,137	5,984	5,975	5,894	5,940	6,276	6,221	6,252	4,618	4,500	4,395	5,678
Kepaniwai	863	864	863	863	863	863	864	863	857	862	858	862	862
<b>Maui Lani</b>										<b>42</b>	<b>116</b>	<b>648</b>	<b>68</b>
Surface Water	1,459	929	490	1,251	1,383	1,192	706	1,253	1,172	1,206	821	856	1,058
<b>Upcountry Maui</b>													
Surface Water	7,328	6,701	5,856	4,109	5,959	5,560	5,327	6,065	7,005	8,615	8,543	8,510	6,637
Groundwater	1,578	1,824	1,802	2,049	1,225	1,182	1,074	1,071	1,189	1,330	1,276	1,312	1,411
<b>West Maui</b>													
Surface Water	3,111	2,939	3,048	2,778	2,515	2,675	2,770	3,308	2,925	3,059	3,243	3,662	3,004
Groundwater	2,463	2,622	2,102	1,978	2,389	2,381	2,391	2,091	2,602	2,918	2,883	2,737	2,465
<b>East Maui</b>													
Groundwater	356	313	284	314	342	354	324	346	356	358	368	413	344
<b>Moloka'i</b>													
Groundwater	1,141	1,076	1,259	948	993	925	906	1,011	1,094	1,134	1,105	1,116	1,059
<b>Total Water Production</b>	<b>40,887</b>	<b>40,172</b>	<b>37,560</b>	<b>34,033</b>	<b>35,505</b>	<b>35,773</b>	<b>37,208</b>	<b>37,664</b>	<b>40,363</b>	<b>43,570</b>	<b>40,008</b>	<b>43,971</b>	<b>39,247</b>

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, MONTHLY WATER PRODUCTION, [HTTP://CO.MAUI.HI.US/INDEX.ASPX?NID=572](http://co.maui.hi.us/index.aspx?nid=572). ACCESSED NOV 1, 2010

## 7.1.7

### WATER SYSTEM SERVICE CHARGES AND DEVELOPMENT FEE SCHEDULES

#### Water Service Charges (Effective July 1, 2008)

Schedule A		Schedule B (meter size)	Per meter/ per month
<b>General Rates:</b>		5/8 inch	\$8.00
0 - 10,000 gal	\$1.60	3/4 inch	\$12.00
10,001 - 30,000 gal	\$2.80	1 inch	\$20.00
Over 30,000 gal	\$3.90	1 1/2 inch	\$40.00
<b>Agricultural Rates:</b>		2 inch	\$55.00
Over 30,000 gal	\$1.00	3 inch	\$105.00
<b>Non-potable Agricultural Rates</b>		4 inch	\$210.00
All usage	\$1.00	6 inch	\$360.00
		8 inch	\$550.00

#### Water System Development Fee Schedule (Effective July 29, 2002)

Meter Size	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

7.1.8

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

*Year ending June 30, 2009*

<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	17,237	1,373	533	409	397	54	28	5	1	20,037
Makawao	8,591	307	168	69	28	13	3	1	0	9,180
Lahaina	2,705	220	130	122	123	25	7	2	0	3,334
Hāna	492	10	8	4	4	0	0	0	0	518
Moloka'i	1,550	44	31	15	18	1	0	1	0	1,660
Subtotal	30,575	1,954	870	619	570	93	38	9	1	34,729
<b>Agricultural Meters</b>										
Wailuku	29	7	9	4	3	2	1	0	0	55
Makawao	419	74	100	100	35	0	3	0	0	731
Lahaina	6	4	2	0	0	0	1	0	0	13
Hāna	6	0	2	0	0	0	0	0	0	8
Moloka'i	1	1	2	0	0	0	0	0	0	4
Subtotal	461	86	115	104	38	2	5	0	0	811
<b>Total</b>	<b>31,036</b>	<b>2,040</b>	<b>985</b>	<b>723</b>	<b>608</b>	<b>95</b>	<b>43</b>	<b>9</b>	<b>1</b>	<b>35,540</b>

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2009



7.1.9

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

*Year ending June 30, 2009*

	1,000 Gallons	Amount	Cost per 1,000 Gallons
<b>Purchased From</b>			
East Maui Irrigation	2,170,484	130,880	0.060
Wailuku Water Co.	558,875	281,522	0.504
Kapalua Land Co.	544,353	115,908	0.213
Hawaiian Home Lands	30,928	128,300	4.148
<b>Total</b>	<b>3,304,640</b>	<b>656,610</b>	<b>0.199</b>
<b>District</b>			
Wailuku	558,875	281,522	0.504
Kula	1,525,422	91,983	0.060
Makawao	631,097	38,055	0.060
Lahaina	544,353	115,908	0.213
Hāna	13,965	842	0.060
Moloka'i	30,928	128,300	4.148
<b>Total</b>	<b>3,304,640</b>	<b>656,610</b>	<b>0.199</b>
<b>Other Water</b>			
Wailuku- Wiku. Water Co.	391,974		
Wailuku- Hi. Land & Farming	1,834,730		
<b>Total</b>	<b>2,226,704</b>		

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2009

## 7.1.10

**WATER SALES TO GENERAL AND AGRICULTURAL  
CONSUMERS BY DISTRICT & SYSTEM,  
MAUI COUNTY**

*Year ending June 30, 2009*

System	Services	Change from FY 2008	Consumption (1,000 gal)	Change from FY 2008 (1,000 gal)
<b>Wailuku District</b>				
Wailuku	6,041	(135)	1,255,838	(60,882)
Waihe'e	194	5	27,833	68
Waikapū	905	91	114,628	22,083
Wailuku Heights	490	0	79,797	(2,393)
Kahului	4,877	(188)	1,590,329	(132,726)
Pu'unēnē	11	(1)	41,991	1,564
Kīhei	6,225	285	3,743,867	(340,284)
Mā'alaea	45	0	78,970	2,157
Mākena	197	(7)	222,521	5,825
Pā'ia-Kū'au	904	2	150,937	(5,680)
Spreckelsville	197	12	82,243	3,361
Subtotal	20,086	64	7,388,954	(506,907)
<b>Makawao District</b>				
Kokomo-Kaupakalua	1,111	(160)	193,739	22,058
Kuiaha	253	(43)	69,526	472
Haiku-Pa'uwela	808	(30)	155,328	3,540
Makawao	2,033	1	326,863	(22,452)
Pukalani	2,040	(36)	333,826	(33,425)
Hāli'imaile	199	(3)	33,764	(662)
Upper Kula	2,239	276	459,324	(32,773)
Lower Kula	1,112	12	734,935	53,131
'Ulupalakua-Kanaio	81	1	42,623	(10,109)
Kula Ag. Park	39	0	149,727	(22,916)
Subtotal	9,915	18	2,499,655	(43,136)
<b>Lahaina District</b>				
Lahaina	2,092	66	753,164	(95,214)
Honokōwai	452	(19)	511,992	(79,229)
'Alaeloa	791	(49)	558,735	(12,416)
Honokōhau	13	4	777	(136)
Subtotal	3,348	2	1,824,668	(186,995)
<b>Moloka'i District</b>				
Kawela-Kaunakakai	1,174	5	207,135	(7,611)
'Ualapu'e	379	5	63,023	493
Kala'e	113	1	9,617	(150)
Hālawa	0	0	0	0
Subtotal	1,666	11	279,775	(7,268)
<b>Hāna District</b>				
Hāna	382	(2)	65,639	16,477
Nāhiku	39	0	4,578	1,898
Ke'anae	82	(2)	9,104	2,267
Kaupō	22	5	1,569	495
Subtotal	525	1	80,890	21,137

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2009

7.1.11

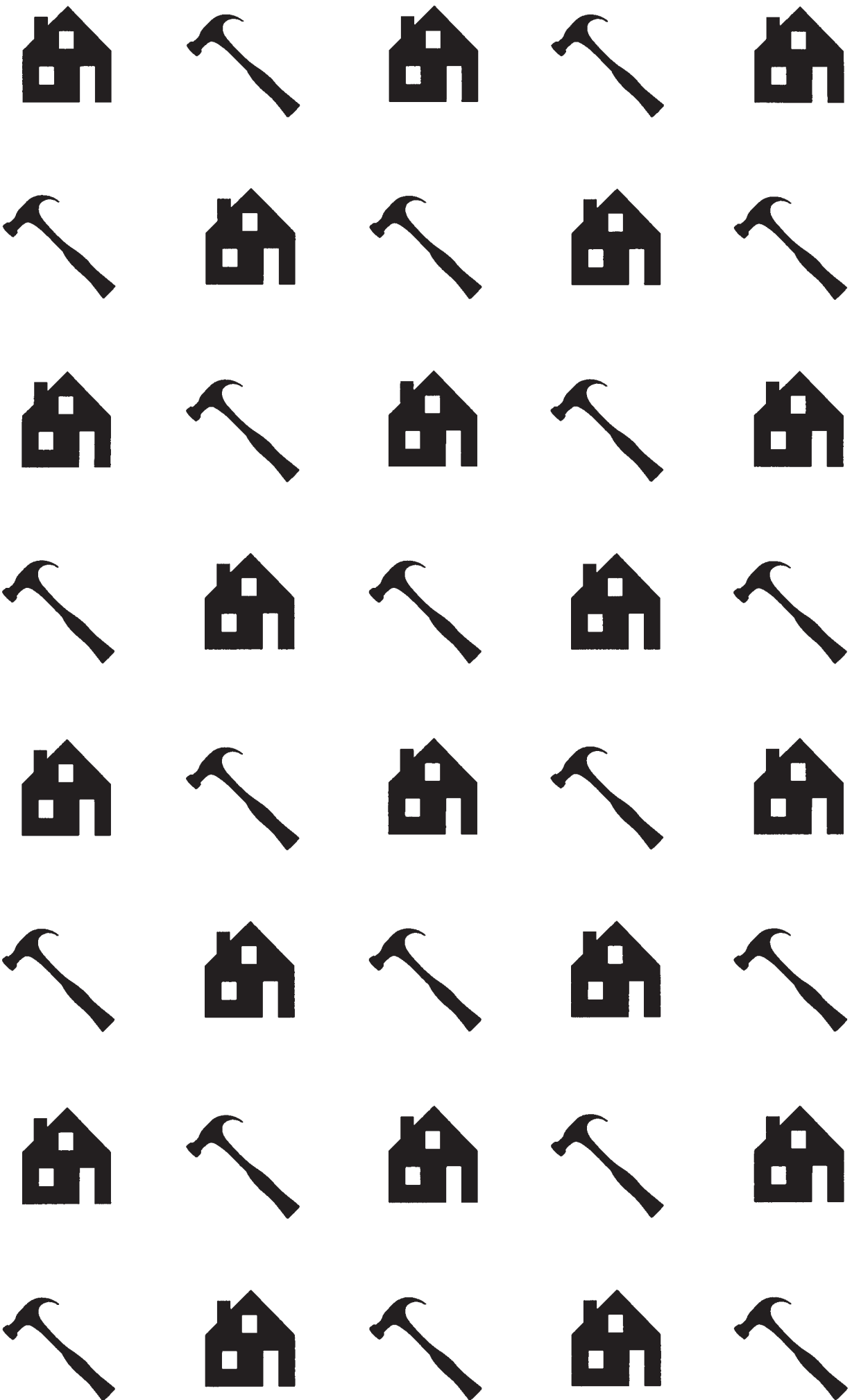
**MONTHLY WATER CONSUMPTION BY DISTRICT,  
MAUI COUNTY**

*Year ending June 30, 2009, in 1,000 gallons*

Months	Total	Wailuku	Makawao	Kula	Lahaina	Moloka'i	Hāna
<b>General</b>							
July	1,199,638	1,031,746	40,137	60,209	3,969	51,175	12,222
August	817,154	299,014	144,468	40,748	330,154	2,768	2
September	1,191,554	1,045,121	34,225	38,614	10,853	50,355	12,386
October	861,739	310,087	165,122	68,048	309,559	484	8,439
November	1,066,265	964,748	10,865	43,512	1,196	43,884	2,060
December	916,398	428,392	147,317	54,356	284,330	1,898	105
January	839,948	708,079	3,601	76,505	10,800	31,316	9,647
February	685,036	263,763	131,458	25,373	261,492	2,938	12
March	892,224	795,878	6,879	45,070	1,077	33,133	10,187
April	709,638	246,991	144,638	27,182	278,261	4,134	8,432
May	944,692	847,159	2,775	46,188	293	47,047	1,230
June	807,735	283,549	163,333	43,245	306,280	2,050	9,278
<b>Total General</b>	<b>10,932,021</b>	<b>7,224,527</b>	<b>994,998</b>	<b>569,050</b>	<b>1,798,264</b>	<b>271,182</b>	<b>74,000</b>
<b>Agricultural</b>							
July	100,929	24,377	9,018	64,680	0	1,673	1,181
August	112,295	6,325	17,633	83,790	4,547	0	0
September	100,935	25,661	2,871	69,961	0	1,575	867
October	144,041	7,315	21,762	109,154	5,203	0	607
November	88,719	25,657	104	61,372	0	1,088	498
December	115,122	6,463	16,070	87,120	5,077	392	0
January	65,362	18,628	445	44,342	0	915	1,032
February	65,138	5,589	13,845	42,013	3,691	0	0
March	69,755	15,000	612	52,739	0	410	994
April	80,566	7,376	14,393	54,003	3,300	822	672
May	86,499	14,446	251	70,515	0	1,188	99
June	112,560	7,590	21,044	77,870	4,586	530	940
<b>Total Agricultural</b>	<b>1,141,921</b>	<b>164,427</b>	<b>118,048</b>	<b>817,559</b>	<b>26,404</b>	<b>8,593</b>	<b>6,890</b>
<b>Grand Total</b>	<b>12,073,942</b>	<b>7,388,954</b>	<b>1,113,046</b>	<b>1,386,609</b>	<b>1,824,668</b>	<b>279,775</b>	<b>80,890</b>

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2009

# 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 66,679 housing units on Maui of which around 27,831 (57.6%) are owner-occupied. 1,486 building permits were issued in 2009.

### 8.1.1

## NUMBER AND VALUE OF BUILDING PERMITS, MAUI COUNTY

Year	Number Issued	Estimated Value (\$1,000)
1997	2,254	193,129
1998	2,338	207,498
1999	2,365	250,486
2000	2,294	355,360
2001	2,012	312,737
2002	1,915	273,716
2003	2,199	469,277
2004	2,472	448,831
2005	2,348	831,416
2006	2,404	979,412
2007	2,196	727,772
2008	1,607	443,840
2009	1,130	224,437

SOURCE: COMPILED FROM COUNTY BUILDING DEPARTMENTS BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

### 8.1.2

## VALUE OF BUILDING PERMITS BY TYPE, MAUI COUNTY

*In thousands of dollars*

Category	2004	2005	2006	2007	2008	2009
Residential	285,212	486,407	362,279	302,401	276,188	103,630
Hotel	43,000	131,924	400,142	181,153	0	0
Non-residential	58,757	101,858	117,570	127,728	66,171	54,809
Additions and alterations	61,862	111,227	99,421	116,489	101,481	65,997

SOURCE: COMPILED FROM COUNTY BUILDING DEPARTMENTS BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

### 8.1.3

## PRIVATE RESIDENTIAL CONSTRUCTION AUTHORIZATIONS, MAUI COUNTY

	2005	2006	2007	2008	2009
<b>Authorized Housing Units (number)</b>					
New single family units	967	1,008	1,050	527	273
New multi-family units	592	390	251	227	115
<b>Total</b>	<b>1,559</b>	<b>1,398</b>	<b>1,301</b>	<b>754</b>	<b>388</b>
<b>Permit Value (\$)</b>					
New single family units	170,950,893	199,721,428	210,034,680	110,418,556	62,789,622
New multi-family units	53,158,528	38,868,559	28,482,221	38,917,886	45,984,620
<b>Total</b>	<b>224,109,421</b>	<b>238,589,987</b>	<b>238,516,901</b>	<b>149,336,442</b>	<b>108,774,242</b>

SOURCE: U.S. CENSUS BUREAU, ANNUAL NEW PRIVATELY-OWNED RESIDENTIAL BUILDING PERMITS

### 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
1998	563	438	40	42
1999	650	42	218	86
2000	842	24	245	37
2001	767	28	253	43
2002	807	36	371	34
2003	889	6	206	47
2004	1160	28	371	44
2005	971	206	388	52
2006	1083	44	304	47
2007	1062	34	217	48
2008	535	142	113	39
2009	280	8	107	23

SOURCE: COMPILED FROM COUNTY BUILDING DEPARTMENTS BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM.

## 8.1.5

## LOW INCOME RENTAL HOUSING AFFORDABILITY, BY COUNTY

	Maui	Honolulu	Hawai'i	Kaua'i	State
<b>Housing Wage</b>					
Hourly wage necessary to afford 2 bedroom FMR	\$29.90	\$21.19	\$26.90	\$32.77	\$30.96
<b>Housing Cost</b>					
2 bedroom FMR	\$1,555	\$1,102	\$1,399	\$1,704	\$1,610
Income needed to afford 2 bedroom FMR	\$62,200	\$44,080	\$55,960	\$68,168	\$64,396
Full-time jobs at minimum wage to afford 2 bedroom FMR	4.3	2.9	3.7	4.5	4.1
<b>Area Median Income (AMI)</b>					
Annual AMI	\$76,000	\$66,700	\$70,500	\$81,700	\$78,540
Rent affordable at AMI	\$1,900	\$1,668	\$1,763	\$2,043	\$1,964
30% of AMI	\$22,800	\$20,010	\$21,150	\$24,510	\$23,562
Rent affordable at 30% of AMI	\$570	\$500	\$529	\$613	\$589
<b>Renter Households</b>					
Number (2000 Census)	18,489	130,217	7,817	18,819	175,457
% of total households (2000)	42%	45%	39%	36%	44%
Estimated mean renter hourly wage (2006)	\$12.92	\$11.04	\$11.45	\$13.28	\$12.89
Rent affordable at mean wage	\$672	\$574	\$595	\$690	\$670
Full time jobs at mean renter wage to afford 2 br FMR	2.3	1.9	2.3	2.5	2.4

FMR: fair market rent; calculated by the U.S. Department of Housing and Urban Development

SOURCE: NATIONAL LOW INCOME HOUSING COALITION, OUT OF REACH 2010



### 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 Palms Expansion	Hotel	136	NA
Maui Lu Timeshare	Timeshare	400	NA
Baccarat Resort - Wailea	Hotel/Condo	193	NA
Kamaole Heights	Hotel/Condo	24	NA
Kula Lodge Project	Hotel	15	NA
Silversword Inn Project, District 2	Inn	12	NA
Hyatt Regency Maui	Timeshare	131	NA
Westin Kaanapali (N.B. Lot)	Timeshare	516	NA
Westin Kaanapali (N.B. Lot 3)	Timeshare	390	NA
Kapalua Bay Visitor Accomodations	Hotel	155	NA
Kapalua Project, District 1	NA	1,050	NA
Marriott Maui Ocean Club Sequel Towers	Timeshare	148	NA
Plantation Inn	Hotel	14	NA
Villas at Royal Lahaina	NA	455	NA
Grand Wailea Resort Expansion	Hotel	310	NA

NA: Not Available

SOURCE: HAWAII TOURISM AUTHORITY, VISITOR PLANT SURVEY, 2009.

### 8.1.7

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

Industry	Number of Establishments	Average Employment	Total Wages	Average Weekly Wages
<b>Construction</b>	<b>617</b>	<b>3,382</b>	<b>\$191,929,000</b>	<b>\$1,092</b>
<b>Construction of Buildings</b>	<b>208</b>	<b>933</b>	<b>\$52,896,000</b>	<b>\$1,090</b>
Residential	165	554	\$28,378,000	\$986
Nonresidential	43	380	\$24,518,000	\$1,242
<b>Heavy and Civil Engineering Construction</b>	<b>39</b>	<b>464</b>	<b>\$41,137,000</b>	<b>\$1,705</b>
Land Subdivision	20	113	\$9,518,000	\$1,627
Highway, Street, and Bridge Construction	7	273	\$24,690,000	\$1,742
<b>Specialty Trade Contractors</b>	<b>371</b>	<b>1,984</b>	<b>\$97,896,000</b>	<b>\$949</b>
Building Foundation/Exterior Contractors	66	329	\$16,273,000	\$950
Building Equipment Contractors	108	665	\$36,799,000	\$1,065
Building Finishing Contractors	109	658	\$32,007,000	\$936
Other Specialty Trade Contractors	87	333	\$12,817,000	\$741

SOURCE: U.S. DEPARTMENT OF LABOR STATISTICS, QUARTERLY CENSUS OF EMPLOYMENT AND WAGES

## 8.1.8

**BUILDING PERMITS ISSUED,  
MAUI COUNTY CALENDAR YEAR 2009**

<b>Types of Permits</b>	<b>No. of Permits</b>	<b>No. of Units</b>	<b>Valuation</b>
Single family, detached	280	280	\$71,145,201.00
Single family, attached	1	2	\$300,000.00
Two family buildings	3	6	\$2,594,720.00
Three and four family buildings	8	29	\$7,050,400.00
Five or more family buildings	5	78	\$22,540,000.00
Industrial	1		\$405,750.00
Hospital and institutional	1		\$859,490.00
Offices, bank, and professional	4		\$1,630,000.00
Public works and utilities	3		\$160,000.00
Schools and other educational	6		\$12,794,057.00
Stores and customer services	9		\$11,260,000.00
Other non-residential buildings	68		\$13,970,103.00
Structures other than buildings	173		\$11,762,983.41
Residential (Add, Alter, Convert)	384	31	\$24,317,913.85
Commercial (Add, Alter, Convert)	139		\$41,699,036.53
Additions of res. Garages/carports	46		\$2,027,055.00
Demo- single family homes	23	23	\$123,000.00
Demo- all other	38		\$236,319.28
Repairs to dwellings	15		\$393,800.00
Repairs to other buildings	75		\$10,919,577.00
Relocate garages and other bldgs	1		\$2,500.00
Fences, retaining wall, seawalls, etc.	98		\$5,513,126.39
Temporary structures (tents, booths, etc.)	105		\$364,062.89
<b>Total</b>	<b>1,486</b>	<b>449</b>	<b>\$242,069,095.35</b>

SOURCE: COUNTY OF MAUI, DEPARTMENT OF PUBLIC WORKS, RECORDS.

## 8.1.9

# CONSTRUCTION ESTABLISHMENTS BY TYPE AND LOCATION, MAUI COUNTY

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

Establishment Type	Location	Number	Location	Number	Location	Number
<b>Residential Building</b>						
	Haiku	14	Lahaina	24	Kaunakakai	4
	Hāna	4	Makawao	26	Kualapu'u	1
	Kahului	6	Pā'ia	3	Maunaloa	1
	Kīhei	37	Wailuku	21	Lāna'i City	4
	Kula	14				
<b>Nonresidential Building</b>						
	Hai'kū	3	Kula	1	Wailuku	4
	Hāna	1	Lahaina	2	Kaunakakai	1
	Kahului	3	Makawao	3		
	Kīhei	2	Pā'ia	1		
<b>Utility System Construction</b>						
	Haiku	1	Kahului	2	Wailuku	3
<b>Land Subdivision</b>						
	Haiku	1	Kihei	2	Wailuku	4
	Kahului	3	Kula	1		
<b>Heavy and Civil Engineering</b>						
	Kīhei	2	Lahaina	1		
<b>Foundation, Structure, and Building Exterior</b>						
	Haiku	4	Kula	2	Pā'ia	1
	Kahului	7	Lahaina	8	Wailuku	14
	Kīhei	16	Makawao	5		
<b>Building Equipment</b>						
	Haiku	11	Kula	5	Wailuku	21
	Hāna	1	Lahaina	7	Kaunakakai	2
	Kahului	18	Makawao	8		
	Kīhei	21	Pā'ia	1		
<b>Building Finishing</b>						
	Haiku	8	Kula	9	Pā'ia	2
	Kahului	12	Lahaina	13	Wailuku	19
	Kīhei	15	Makawao	10		
<b>Other Specialty Trade Contractors</b>						
	Haiku	3	Lahaina	5	Kaunakakai	1
	Kahului	3	Makawao	7	Lāna'i City	1
	Kīhei	9	Pā'ia	0		
	Kula	5	Wailuku	9		

SOURCE: U.S. CENSUS BUREAU, ZIP CODE BUSINESS PATTERNS 2008

## 8.1.10

### ESTIMATED VALUE OF LAND TRANSACTIONS, BY COUNTY

*In thousands of dollars*

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

SOURCE: HAWAII STATE DEPARTMENT OF LAND AND NATURAL RESOURCES, BUREAU OF CONVEYANCES, RECORDS.

## 8.2.1

## SUMMARY HOUSING CHARACTERISTICS, MAUI COUNTY, 2009

Characteristic	Number	Percent
<b>Total Housing Units</b>	<b>66,679</b>	<b>100.0%</b>
Median Number of Rooms	4	
<b>Occupied Housing Units</b>		
Structure built 1990 or later	21,114	31.6%
Structure built before 1940	2,072	3.1%
Lacking Complete Plumbing	235	0.5%
Lacking Complete Kitchen	827	1.7%
Lacking Telephone Service	1,191	2.5%
Moved into Unit After 1999	29,341	60.7%
Moved into Unit Before 1980	5,959	12.3%
Occupants per Room of 1.51 or more	1,665	3.4%
<b>Owner-Occupied Units</b>		
Median Value	586,500	
With a Mortgage	20,033	72.0%
Median monthly costs	2,199	
Monthly Costs Were 35% or more of income	8,305	42.1%
Not mortgaged	7,798	28.0%
Median monthly costs	\$439	
<b>Renter-Occupied Units</b>		
Median Gross Rent	\$1,307	
Rent was 35% or More of Income	7,803	42.0%

SOURCE: U.S. CENSUS BUREAU, AMERICAN COMMUNITY SURVEY 2009

## 8.2.2

## SELECTED HOUSING CHARACTERISTICS, MAUI COUNTY

Maui County	2006	2007	2008	2009
<b>All Housing Units</b>	<b>63,610</b>	<b>64,993</b>	<b>66,224</b>	<b>66,679</b>
<b>Units in Structure</b>				
1 unit, detached	36,031	38,054	36,836	36,528
1 unit, attached	4,455	2,821	2,345	1,975
2 to 4 units	3,764	4,220	7,219	6,713
5 to 9 units	3,796	4,408	4,286	5,596
10 or more units	15,551	8,372	15,475	15,727
Mobile home, boat, other	13	154	63	140
Median Number of Rooms	4.0	4.1	3.9	4.0
<b>Occupied Housing Units</b>	<b>47,540</b>	<b>50,568</b>	<b>48,950</b>	<b>48,326</b>
With 1.01 or more occupants/room	5,483	6,226	5,548	4,358
<b>Vacant Housing Units</b>	<b>16,070</b>	<b>14,425</b>	<b>17,274</b>	<b>18,353</b>
For seasonal use	9,122	3,821	5,541	5,891
Homeowner Vacancy Rate	1.6%	1.0%	2.3%	1.2%
Rental Vacancy Rate	14.0%	29.9%	28.8%	32.0%
<b>Owner-Occupied Units</b>				
Total	28,300	30,749	28,157	27,831
Percent of all Occupied Units	59.5%	60.8%	57.5%	57.6%
Average Household Size	3.24	2.97	3.12	3.20
<b>Value of Owner Occupied Units</b>				
Total units	28,300	30,749	28,157	27,831
Less than \$100,000 unit value	584	393	309	1,031
\$100,000 to \$199,999	1,198	1,077	982	744
\$200,000 to \$299,999	1,776	2,327	1,690	2,346
\$300,000 to \$499,999	4,905	5,370	5,246	6,781
\$500,000 to \$999,999	16,019	16,262	16,029	12,803
\$1 million or more	3,818	5,320	3,901	4,126
Median value	\$625,600	\$637,200	\$621,500	\$586,500
<b>Renter-Occupied Units</b>				
Total	19,240	19,819	20,793	20,495
Average Household Size	2.50	2.51	2.52	2.68
<b>Gross Rent</b>				
Total renters	19,240	19,819	18,936	18,954
Less than \$300 rent	632	501	192	699
\$300 to \$499	422	565	1,020	323
\$500 to \$749	1,848	1,466	782	2,109
\$750 to \$999	3,218	2,109	3,696	2,819
\$1,000 to \$1,499	6,983	8,203	6,747	6,329
\$1,500 or more	4,272	5,316	6,499	6,675
No cash rent	1,865	1,659	1,857	1,541
Median rent	\$1,216	\$1,281	\$1,292	\$1,307

SOURCE: U.S. CENSUS BUREAU, AMERICAN COMMUNITY SURVEY, 2006-2009.

## 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>				
Haiku-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
Kīhei CDP	9,401	3.5	6,178	924
Lahaina CDP	3,056	4.3	2,631	642
Ma'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	Total	VACANT HOUSING UNITS		
			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>					
Haiku-Pa'uuwela 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
Kīhei CDP	9,170	3,000	2,442	1.7	8.0
Lahaina CDP	3,027	428	322	0.4	5.3
Ma'alaea CDP	600	337	272	0.0	33.3
Makawao CDP	2,222	71	20	0.9	1.2
Nāpili-Honokōwai 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>						
Haiku-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
Kīhei 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
Ma'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>							
Haiku-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
Kīhei CDP	1,755	23	396	912	348	8	68
Lahaina CDP	1,331	37	249	641	278	67	59
Ma'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>Lāna'i</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>Haiku-Pa'uwela division</b>	<b>764</b>	<b>713</b>	<b>2.70</b>	<b>3.7</b>
Haiku-Pa'uwela CDP	614	570	2.68	3.8
<b>Hāna division</b>	<b>257</b>	<b>234</b>	<b>2.75</b>	<b>3.3</b>
Hāna CDP	69	59	3.06	3.5
<b>Kahului division</b>	<b>1,996</b>	<b>1,397</b>	<b>2.91</b>	<b>3.4</b>
Kahului CDP (part)	1,996	1,397	2.91	3.4
<b>Kīhei division</b>	<b>2,412</b>	<b>1,301</b>	<b>2.46</b>	<b>3.5</b>
Kīhei CDP	2,074	1,163	2.48	3.5
Ma'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-Pā'ia 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, HAWAII.

## 8.2.8

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

2000	Total	SPECIFIED RENTER-OCCUPIED HOUSING UNITS PAYING CASH RENT					
		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>							
Haiku-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
Kīhei CDP	3,142	162	188	874	1,190	632	96
Lahaina CDP	1,190	142	130	207	371	237	103
Ma'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

1. Includes no cash rent.

SOURCE: U.S. CENSUS BUREAU, CENSUS 2000 PROFILE OF SELECTED HOUSING CHARACTERISTICS, HAWAII (DP-4).

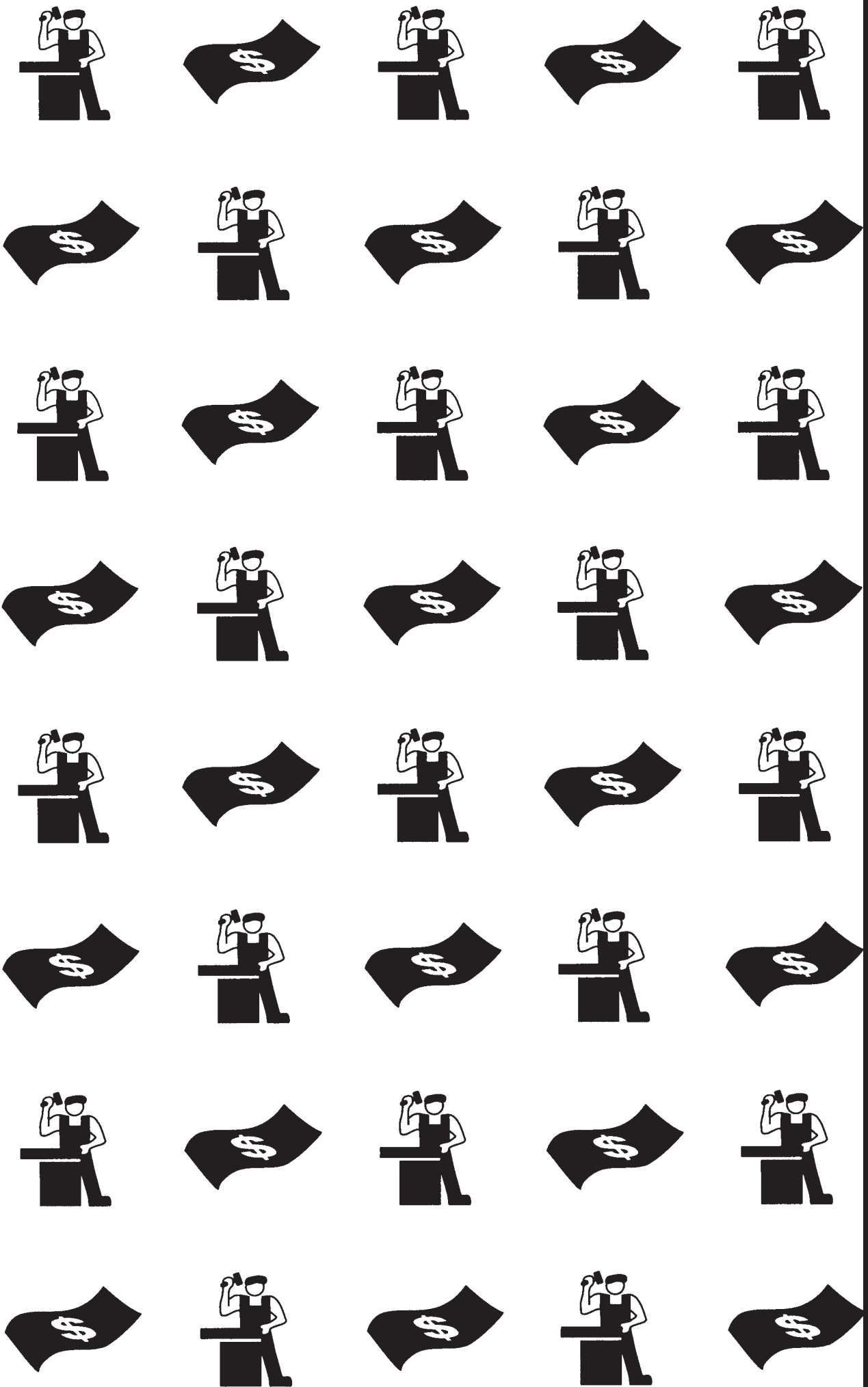
## 8.2.9

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

	1999	2007	2008	2009
<b>Owner</b>				
Housing Units with a mortgage	14,131	21,288	20,068	19,750
Less than 20% of income	8,636	5,073	4,202	4,514
20% to 24.9%	2,387	2,154	2,952	2,609
25% to 29.9%	2,060	3,049	1,353	2,065
30% to 34.9%	1,581	1,689	2,021	2,257
35% or more	5,201	9,190	9,540	8,305
Not computed	88	133	129	283
Median mortgage (dollars)	\$1,638	\$2,335	\$2,564	\$2,199
<b>Renter</b>				
Renter-occupied units	18,319	19,819	18,831	18,596
Less than 15% of income	3,254	1,913	1,775	1,618
15% to 19.9%	2,613	1,889	2,526	2,391
20% to 24.9%	2,291	2,088	1,676	2,805
25% to 29.9%	1,892	3,301	2,312	1,814
30% to 34.9%	1,342	1,316	2,136	2,165
35% or more	5,335	7,546	8,406	7,803
Not computed	1,592	1,766	1,962	1,899
Median rent (dollars)	\$788	\$1,281	\$1,292	\$1,307

SOURCE: U.S. CENSUS BUREAU, SELECTED HOUSING CHARACTERISTICS, 2000, 2007, 2008, 2009.

# 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 2009 was 76,550 and the number of employed was 69,950. The unemployment rate increased from 4.5% to 8.6% between 2008 and 2009.

Data for this section came from many sources, including the Hawai'i State Department of Business, Economic Development and Tourism and the Hawai'i Department of Industrial Labor and Relations.

### 9.1.1

## FINANCIAL INSTITUTIONS WITH LOCATIONS IN MAUI COUNTY

*As of December 31, 2009*

	Maui	Moloka'i	Lāna'i
<b>Banks</b>			
Firms	3	1	2
Locations	24	1	2
<b>Savings and Loan Associations</b>			
Associations	1	0	0
Locations	1	0	0
<b>Financial Services Loan Companies</b>			
Firms	4	1	0
Locations	5	1	0
<b>Escrow Depository Companies</b>			
Firms	6	0	0
Locations	14	0	0

SOURCE: HAWAII STATE DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, DIVISION OF FINANCIAL INSTITUTIONS, RECORDS

### 9.1.2

## DEPOSITS IN OFFICES OF FDIC-INSURED INSTITUTIONS, MAUI COUNTY

*As of June 30; In thousands of dollars*

Location	2006	2007	2008	2009	2010
Hāna	\$5,137	\$5,026	\$4,927	\$5,385	\$5,108
Kahului	816,989	821,585	778,024	763,513	741,668
Kīhei	374,961	370,017	347,066	343,697	387,947
Lahaina	421,793	413,579	378,933	336,723	351,376
Makawao/Pukalani	168,890	166,847	156,123	165,745	164,076
Pā'ia	43,262	44,698	42,354	43,885	45,901
Wailuku	305,453	300,497	295,865	334,164	310,379
Kaunakakai	66,279	65,544	65,559	61,895	61,076
Lāna'i City	32,385	41,090	31,761	34,606	29,336
<b>Total</b>	<b>\$2,235,149</b>	<b>\$2,228,883</b>	<b>\$2,100,612</b>	<b>\$2,089,613</b>	<b>\$2,096,867</b>

SOURCE: FEDERAL DEPOSIT INSURANCE CORPORATION, FDIC/OTS SUMMARY OF DEPOSITS.



### 9.1.3

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

Name	Location	Assets (\$)	Loans (\$)	Members
First Hawaiian Homes	Ho'olehua	\$3,601,770	\$1,912,241	1,206
Kahului	Kahului	\$49,303,418	\$25,458,548	4,732
Kula Community	Kahului	\$36,317,126	\$18,019,712	3,691
Kulia Ohana	Wailuku	\$4,433,379	\$2,856,721	1,066
Lāna'i	Lāna'i City	\$22,863,937	\$778,424	1,970
Maui	Kahului	\$70,416,513	\$14,486,216	5,448
Maui County	Wailuku	\$244,850,710	\$188,084,118	13,810
Maui Teachers	Wailuku	\$27,930,634	\$1,800,466	1,585
Moloka'i Community	Kaunakakai	\$18,919,004	\$9,300,749	3,957
Valley Isle Community	Kahului	\$98,811,894	\$41,674,572	11,654
Wailuku	Wailuku	\$37,795,118	\$22,295,727	3,745
West Maui Community	Lahaina	\$25,658,896	\$3,563,637	2,546
<b>Maui County Total</b>		<b>\$640,902,399</b>	<b>\$330,231,131</b>	<b>55,410</b>
<b>State Total</b>		<b>\$8,757,659,759</b>	<b>\$4,096,060,708</b>	<b>809,730</b>

SOURCE: NATIONAL CREDIT UNION ADMINISTRATION, 2010 CREDIT UNION DIRECTORY

### 9.1.4

## FEDERAL CREDIT UNION CHARACTERISTICS, MAUI COUNTY

	2006	2007	2008	2009
Number of credit unions	13	13	12	12
Total members	53,243	53,488	54,687	55,410
Total assets	\$477,690,769	\$510,463,199	\$569,137,058	\$640,902,399
Total shares and deposits	\$395,634,327	\$426,931,345	\$478,460,959	\$537,561,342
Number of shares & deposit accounts	71,787	75,706	79,539	NA
Total loans	\$219,784,055	\$267,412,185	\$319,801,194	\$330,231,131
Number of loans	14,981	15,732	15,487	NA

SOURCE: NATIONAL CREDIT UNION ADMINISTRATION, CALL REPORT DATA FILES UNDER FOIA (FINAL), DECEMBER 31, 2006, 2007, 2008 AND 2009.

## 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>Labor Force</b>					
2003	72,850	78,400	31,300	433,750	616,300
2004	74,250	79,250	31,550	433,050	618,100
2005	75,450	81,250	32,100	441,850	630,650
2006	77,750	84,400	32,700	448,050	642,900
2007	79,350	85,750	33,050	447,800	645,950
2008	78,950	85,600	32,950	448,450	645,950
2009	76,550	84,250	32,150	444,800	637,750
<b>Employed</b>					
2003	70,100	74,750	30,050	417,500	592,400
2004	72,000	76,200	30,500	419,500	598,200
2005	73,500	78,550	31,200	430,100	613,350
2006	75,900	81,950	31,900	437,300	627,050
2007	77,150	82,850	32,200	436,650	628,850
2008	75,350	80,800	31,500	432,350	620,000
2009	69,950	76,100	29,150	419,300	594,500
<b>Unemployed</b>					
2003	2,700	3,650	1,250	16,250	23,850
2004	2,300	3,050	1,050	13,550	19,950
2005	1,950	2,700	850	11,750	17,250
2006	1,850	2,500	800	10,750	15,900
2007	2,200	2,900	850	11,150	17,100
2008	3,600	4,800	1,500	16,100	26,000
2009	6,600	8,150	3,000	25,500	43,250
<b>Percent Unemployed</b>					
2003	3.7	4.6	4.0	3.7	4.0
2004	3.1	3.9	3.4	3.1	3.4
2005	2.6	3.3	2.7	2.7	2.8
2006	2.4	2.9	2.4	2.4	2.5
2007	2.8	3.4	2.5	2.5	2.8
2008	4.5	5.6	4.5	3.6	4.6
2009	8.6	9.7	9.3	5.7	8.3

SOURCE: HAWAII STATE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, AND RECORDS.

## 9.2.2

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

	Maui	Moloka'i	Lāna'i	Maui County
<b>Labor Force</b>				
1993	61,150	2,850	1,550	65,500
1994	61,950	2,900	1,500	66,350
1995	62,550	3,000	1,650	67,250
1996	63,550	3,100	1,650	68,350
1997	65,400	2,850	1,700	69,950
1998	66,400	2,950	1,700	71,100
1999	68,250	3,000	1,800	73,050
2000	66,650	2,850	1,800	71,300
2001	68,750	2,550	1,800	73,200
2002	68,100	2,450	1,750	72,300
2003	68,700	2,450	1,700	72,850
2004	70,050	2,550	1,650	74,250
2005	71,250	2,550	1,650	75,000
2006	73,550	2,450	1,750	77,150
2007	75,150	2,450	1,750	78,650
2008	74,750	2,500	1,700	78,950
2009	72,400	2,550	1,600	76,550
<b>Employment</b>				
1993	58,000	2,600	1,400	62,000
1994	58,450	2,650	1,400	62,500
1995	58,350	2,700	1,600	62,600
1996	59,500	2,650	1,600	63,750
1997	61,100	2,500	1,600	65,200
1998	62,500	2,550	1,650	66,700
1999	65,000	2,600	1,700	69,350
2000	64,450	2,500	1,750	68,700
2001	66,250	2,250	1,750	70,300
2002	65,550	2,300	1,650	69,500
2003	66,250	2,200	1,650	70,100
2004	68,100	2,300	1,600	72,000
2005	69,500	2,350	1,650	73,050
2006	71,850	2,350	1,700	75,350
2007	73,150	2,300	1,700	76,450
2008	71,500	2,300	1,600	75,350
2009	66,300	2,250	1,450	69,950

## 9.2.2

CONTINUED

	Maui	Moloka'i	Lāna'i	Maui County
<b>Unemployment</b>				
1993	3,150	250	150	3,500
1994	3,500	250	100	3,850
1995	4,200	350	100	4,600
1996	4,050	450	100	4,600
1997	4,250	400	100	4,750
1998	3,900	400	50	4,350
1999	3,250	400	50	3,700
2000	2,200	350	50	2,600
2001	2,550	300	50	2,950
2002	2,550	200	50	2,800
2003	2,400	250	*	2,700
2004	1,950	300	*	2,300
2005	1,700	200	*	1,950
2006	1,650	150	*	1,850
2007	2,000	150	*	2,200
2008	3,250	250	100	3,600
2009	6,150	350	150	6,600
<b>Percent Unemployed</b>				
1993	5.1	8.7	9.1	5.4
1994	5.6	9.1	6.0	5.8
1995	6.7	10.9	5.0	6.9
1996	6.4	14.8	5.4	6.7
1997	6.5	13.6	5.3	6.8
1998	5.9	13.6	3.1	6.2
1999	4.8	13.1	3.9	5.1
2000	3.3	13.0	3.0	3.7
2001	3.7	11.8	3.8	4.0
2002	3.8	7.4	4.2	3.9
2003	3.5	10.1	2.8	3.7
2004	2.8	10.7	2.6	3.1
2005	2.4	8.2	1.4	2.6
2006	2.3	5.2	1.8	2.4
2007	2.7	6.1	2.2	2.8
2008	4.4	9.5	4.9	4.5
2009	8.5	13.1	9.6	8.6

\*: Data is less than 50

SOURCE: HAWAII STATE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, AND RECORDS.

## 9.2.3

## LABOR FORCE BY RACE AND SEX, MAUI COUNTY

Race and Sex, 2009	PERCENT DISTRIBUTION						
	Civilian Labor Force	Employed	Un-employed	Civilian Labor Force	Employed	Un-employed	Unemployment Rate
Both Sexes	76,550	69,950	6,600	100%	100%	100%	8.60%
White	30,350	27,900	2,450	39.6	39.9	37.0	8.1
Black/African American	300	250	*	0.4	0.4	0.3	6.3
American Indian/ Alaska Native	350	300	50	0.4	0.4	0.7	14.1
Asian	21,650	20,500	1,150	28.3	29.3	17.4	5.3
Native Hawaiian/ Pacific Islander	7,750	6,350	1,350	10.1	9.1	20.7	17.7
Some Other Race	1,100	1,050	*	1.4	1.5	0.1	0.7
Two or More Races	15,150	13,550	1,550	19.8	19.4	23.8	10.4
Minority Group	46,200	42,050	4,150	60.4	60.1	63.0	9.0
Hispanic or Latino	5,300	4,700	600	6.9	6.7	9.0	11.2
Females	35,650	32,900	2,750	100%	100%	100%	7.80%
White	13,550	12,450	1,100	38.0	37.8	39.9	8.2
Black/African American	100	100	*	0.3	0.3	0.7	15.1
American Indian/ Alaska Native	150	150	50	0.4	0.4	0.9	16.3
Asian	10,500	10,150	350	29.5	30.9	12.8	3.4
Native Hawaiian/ Pacific Islander	3,650	3,000	650	10.3	9.2	23.1	17.5
Some Other Race	400	400	0	1.2	1.3	0.0	0.0
Two or More Races	7,250	6,600	600	20.3	20.1	22.5	8.6
Minority Group	22,100	20,450	1,650	62.0	62.2	5.1	7.5
Hispanic or Latino	2,400	2,100	250	6.7	6.4	9.6	11.1
Females as % of both sexes	46.8%	47.0%	41.9%				

\* Less than 25

SOURCE: STATE OF HAWAII, DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, ESTIMATES BASED ON 2009 LOCAL AREA UNEMPLOYMENT STATISTICS FROM U.S. BUREAU OF LABOR STATISTICS

## 9.2.4

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

Industry, 2009	Maui	Moloka'i	Lāna'i	County
<b>TOTAL NONAGRICULTURAL</b>	<b>62,150</b>	<b>1,800</b>	<b>1350</b>	<b>65,350</b>
<b>Total Private</b>	<b>53,300</b>	<b>1,200</b>	<b>1150</b>	<b>55,650</b>
<b>Goods Producing</b>	<b>4,400</b>	<b>50</b>	<b>50</b>	<b>4,500</b>
Nat. Resources & Mining & Construction	3,300	50	50	3,400
Special Trade Contractors	1,950	0	0	2,000
Manufacturing	1,100	*	0	1,100
Durable Goods	250	NA	0	250
Non-Durable Goods	850	NA	0	850
<b>Service-Providing</b>	<b>57,800</b>	<b>1,750</b>	<b>1350</b>	<b>60,850</b>
<b>Private Service-Providing</b>	<b>48,900</b>	<b>1,150</b>	<b>1150</b>	<b>51,200</b>
<b>Trade, Transportation &amp; Utilities</b>	<b>12,800</b>	<b>300</b>	<b>100</b>	<b>13,250</b>
Wholesale Trade	1,350	*	*	1,400
Retail Trade	8,650	200	50	8,900
Food & Beverage Stores	1,750	150	*	1,900
Grocery Stores	1,550	NA	NA	1,700
Clothing & Clothing Accessories Stores	1,450	NA	NA	1,450
General Merchandise	1,450	NA	NA	1,450
Department Stores	1,000	NA	NA	1,000
Transportation, Warehousing & Utilities	2,850	100	*	2,950
Air Transportation	500	*	*	550
<b>Information</b>	<b>750</b>	<b>*</b>	<b>*</b>	<b>750</b>
Telecommunications	300	NA	NA	300
Financial Activities	2,250	50	100	2,400
Finance & Insurance	800	*	*	850
<b>Professional &amp; Business Services</b>	<b>5,950</b>	<b>*</b>	<b>200</b>	<b>6,150</b>
Professional, Scientific & Tech. Svcs.	1,400	*	*	1,400
Administrative & Support & Waste Management & Remediation Services	4,350	NA	NA	4,350
<b>Education &amp; Health Services</b>	<b>5,500</b>	<b>400</b>	<b>*</b>	<b>5,950</b>
Education Services	1,000	0	NA	1,000
Health Care & Social Assistance	4,500	400	*	4,950
<b>Leisure and Hospitality</b>	<b>19,000</b>	<b>200</b>	<b>700</b>	<b>19,900</b>
Arts, Entertainment, & Recreation	1,950	*	50	2,000
Accommodation & Food Services	17,050	200	650	17,900
Accommodation	10,000	50	600	10,650
Food Services and Drinking Places	7,050	150	50	7,250
Full-Service Restaurants	4,750	50	*	4,800
<b>Other Services</b>	<b>2,650</b>	<b>100</b>	<b>*</b>	<b>2,750</b>
<b>Government</b>	<b>8,850</b>	<b>600</b>	<b>200</b>	<b>9,650</b>
Federal Government	800	50	*	850
Department of Defense	*	NA	NA	*
State Government	5,600	400	150	6,150
State Education (DOE & UH)	2,950	250	100	3,250
Local Government	2,450	150	*	2,650
<b>AGRICULTURE</b>	<b>1,650</b>	<b>100</b>	<b>0</b>	<b>1,750</b>

\* Fewer than 50. NA: Not available

SOURCE: HAWAII STATE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, RECORDS.

## 9.2.5

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

Maui Rank	Occupation	Maui County		Annual Wage (Statewide)
		Estimated Employees	Annual Mean Wage	
1	Retail Salespersons	3,040	\$29,150	\$25,925
2	Waiters & Waitresses	2,760	\$26,437	\$24,761
3	Cashiers	2,300	\$23,702	\$21,568
4	Maids & Housekeeping Cleaners	1,930	\$30,385	\$29,482
5	Landscaping & Groundskeeping	1,850	\$32,285	\$30,214
6	Janitors & Cleaners	1,770	\$27,813	\$25,904
7	Office Clerks, General	1,400	\$28,701	\$28,523
8	Food Preparation & Serving	1,320	\$20,828	\$20,214
9	Maintenance & Repair, General	1,080	\$41,439	\$40,078
10	Cooks, Restaurant	1,030	\$33,585	\$30,446

SOURCE: HAWAII'S STATE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, RECORDS.MAY 2008.

## 9.2.6

### INCOME FOR HOUSEHOLDS AND FAMILIES, MAUI COUNTY

Income (in Inflation-Adjusted Dollars) <sup>1</sup>	2008		2009	
	Households	Families	Households	Families
Total number	48,950	32,929	48,326	33,824
Less than \$10,000	2,536	872	2,121	869
\$10,000 to \$14,999	1,403	463	2,051	792
\$15,000 to \$24,999	3,572	1,672	3,973	2,009
\$25,000 to \$34,999	3,089	2,448	4,463	3,305
\$35,000 to \$49,999	6,537	3,848	7,544	5,245
\$50,000 to \$74,999	9,878	6,398	10,355	7,032
\$75,000 to \$99,999	7,673	5,896	5,865	4,966
\$100,000 to \$149,999	9,385	7,085	6,560	5,121
\$150,000 to \$199,999	2,673	2,365	2,282	1,811
\$200,000 or more	2,204	1,882	3,112	2,674
Median income	\$67,619	\$77,598	\$60,502	\$67,544
Mean income	\$81,973	\$93,132	\$79,244	\$87,191

SOURCE: U.S. CENSUS BUREAU, 2008 AND 2009 AMERICAN COMMUNITY SURVEY

## 9.2.7

## LONG TERM INDUSTRY EMPLOYMENT PROJECTIONS MAUI COUNTY

Occupational Title	Employment 2004	2014	Number Change	Percent Change	Annual Growth
<b>Total Employment, All Jobs</b>	<b>74,040</b>	<b>85,860</b>	<b>11,820</b>	<b>16.0%</b>	<b>1.6%</b>
<b>Goods-Producing</b>	<b>6,620</b>	<b>6,980</b>	<b>360</b>	<b>5.4%</b>	<b>0.5%</b>
Natural Resources and Mining	1,940	1,710	-240	-12.4%	-1.2%
Agriculture, Forestry, Fishing and Hunting	1,920	1,690	-230	-12.0%	-1.2%
Construction	3,100	3,840	730	23.5%	2.4%
Manufacturing	1,580	1,440	-140	-8.9%	-0.9%
<b>Services-Providing</b>	<b>61,230</b>	<b>72,260</b>	<b>11,020</b>	<b>18.0%</b>	<b>1.8%</b>
Trade, Transportation, and Utilities	13,770	16,110	2,340	17.0%	1.7%
Wholesale Trade	1,220	1,580	360	29.5%	3.0%
Retail Trade	9,300	10,720	1,420	15.3%	1.5%
Transportation and Warehousing	2,840	3,350	510	18.0%	1.8%
Utilities	410	470	50	12.2%	1.2%
Information	900	950	50	5.6%	0.6%
Financial Activities	2,970	3,250	280	9.4%	0.9%
Finance and Insurance	890	950	60	6.7%	0.7%
Real Estate and Rental and Leasing	2,090	2,300	220	10.5%	10.5%
Professional and Business Services	5,700	6,750	1,050	18.4%	18.4%
Professional, Scientific, and Technical Services	1,440	1,570	130	9.0%	9.0%
Management of Companies and Enterprises	370	480	110	29.7%	29.7%
Administrative & Support & Waste Management	3,890	4,700	820	21.1%	21.1%
Education and Health Services	9,440	11,440	1,990	21.1%	21.1%
Educational Services	4,040	4,610	580	14.4%	14.4%
Health Care and Social Assistance	5,410	6,820	1,420	26.2%	26.2%
Leisure and Hospitality	21,340	25,920	4,570	21.4%	21.4%
Arts, Entertainment, and Recreation	2,060	2,730	680	33.0%	33.0%
Accommodation and Food Services	19,290	23,190	3,900	20.2%	20.2%
Other Services (Except Government)	2,750	3,110	360	13.1%	13.1%
Government	4,350	4,730	380	8.7%	8.7%
<b>Total Self-Employed and Unpaid Family Workers</b>	<b>6,180</b>	<b>6,630</b>	<b>440</b>	<b>7.1%</b>	<b>7.1%</b>

SOURCE: STATE OF HAWAII, DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, RESEARCH AND STATISTICS OFFICE.



## 9.3.1

### CHARACTERISTICS OF THE INSURED UNEMPLOYED IN MAUI COUNTY 2009

*All Claimants*

Characteristic	Maui/Lānaʻi Annual Average	Percent of Total	Molokaʻi Annual Average	Percent of Total
<b>Total</b>	<b>3420</b>	<b>100.0</b>	<b>160</b>	<b>100.0</b>
<b>Sex</b>				
Male	2144	62.7	83	51.9
Female	1276	37.3	77	48.1
<b>Industry</b>				
State	52	1.5	14	8.8
County	1	0.0	0	0.0
Agriculture	48	1.4	36	22.5
Mining	0	0.0	0	0.0
Utilities	4	0.1	0	0.0
Construction	890	26.0	21	13.1
Manufacturing	55	1.6	0	0.0
Wholesale	43	1.3	2	1.3
Retail Trades	224	6.5	7	4.4
Transportation/Warehousing	154	4.5	9	5.6
Information	15	0.4	1	0.6
Finance/Insurance	29	0.8	2	1.3
Real Estate/Rental	74	2.2	3	1.9
Professional/Science/Tech.	64	1.9	1	0.6
Management	13	0.4	0	0.0
Admin/Waste Management	455	13.3	11	6.9
Education	24	0.7	1	0.6
Health/Social Asst.	88	2.6	15	9.4
Arts/Entertainment	89	2.6	0	0.0
Accommodation/Food Serv.	746	21.8	21	13.1
Other Services	89	2.6	6	3.8
Public Administration	0	0.0	0	0.0
Info. Not Available	263	7.7	12	7.5
<b>Age</b>				
Under 22	82	2.4	5	3.1
22 to 24	183	5.4	13	8.1
25 to 34	855	25.0	42	26.3
35 to 44	819	23.9	32	20.0
45 to 54	850	24.9	36	22.5
55 to 64	516	15.1	22	13.8
65 and over	114	3.3	10	6.3
<b>Duration</b>				
1 to 4 weeks	1148	33.6	52	32.5
5 to 14 weeks	1276	37.3	66	41.3
15 and over	996	29.1	43	26.9

### 9.3.1

CONTINUED

Characteristic	Maui/Lānaʻi Annual Average	Percent of Total	Molokaʻi Annual Average	Percent of Total
<b>Occupation</b>				
Management	227	6.6	6	3.8
Business/Finance	36	1.1	0	0.0
Computer/Math	13	0.4	0	0.0
Architecture/Engineer	17	0.5	1	0.6
Life/Physical/Social Science	8	0.2	1	0.6
Community/Social Serv.	32	0.9	3	1.9
Legal	3	0.1	0	0.0
Education/Training/Library	40	1.2	9	5.6
Arts/Entertainment	33	1.0	2	1.3
Health Practitioner/Tech.	19	0.6	1	0.6
Healthcare Support	26	0.8	5	3.1
Protective Services	37	1.1	3	1.9
Food Prep/Serving	401	11.7	15	9.4
Building/Grounds Maint.	192	5.6	8	5.0
Personal Care/Service	116	3.4	3	1.9
Sales	228	6.7	11	6.9
Office/Admin. Support	487	14.2	13	8.1
Farm/Fishing/Forestry	38	1.1	30	18.8
Construction	793	23.2	26	16.3
Installation/Repair	97	2.8	4	2.5
Production	54	1.6	1	0.6
Transportation/Moving	182	5.3	9	5.6
Info. Not Available	342	10.0	9	5.6
<b>Ethnicity</b>				
American Indian	28	0.8	0	0.0
Chinese	49	1.4	1	6.0
Filipino	684	20.0	19	11.9
Japanese	188	5.5	2	1.3
Other Asian	33	1.0	0	0.0
Black	53	1.5	0	0.0
Hawaiian	580	17.0	94	58.8
Other Pacific Islander	116	3.4	4	2.5
White & Latino	1276	37.3	11	6.9
Other	408	11.9	29	18.1
Info. Not Available	6	0.2	0	0.0

SOURCE: HAWAII STATE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, RESEARCH AND STATISTICS OFFICE, CHARACTERISTICS OF THE INSURED UNEMPLOYED 2009.

### 9.3.2

## LABOR FORCE STATUS AND EMPLOYMENT CHARACTERISTICS, MAUI COUNTY

LABOR FORCE STATUS	2000	2007	2008	2009
<b>Persons 16 Years and Over</b>	<b>99,326</b>	<b>113,548</b>	<b>114,966</b>	<b>115,397</b>
In labor force	66,307	80,444	80,464	83,994
Civilian labor force	66,219	76,825	76,959	83,994
Employed	62,935	76,641	76,095	77,860
Unemployed	3,284	3,698	3,803	6,134
Percent of labor force	5.0	4.6	4.9	7.3
Armed forces	88	105	566	0
Not in labor force	33,019	33,104	34,502	31,403
<b>Males 16 years and over</b>	<b>49,448</b>	<b>56,925</b>	<b>58,532</b>	<b>57,890</b>
In labor force	35,349	43,364	44,448	46,289
Civilian labor force	35,261	41,664	42,306	46,289
Employed	33,352	40,857	41,018	42,625
Unemployed	1,909	2,402	2,864	3,664
Percent of labor force	5.4	5.5	6.4	7.9
Armed forces	88	105	566	0
Not in labor force	14,099	13,561	14,084	11,601
<b>Females 16 years and over</b>	<b>49,878</b>	<b>56,623</b>	<b>56,434</b>	<b>57,507</b>
In labor force	30,958	37,080	36,016	37,705
Civilian labor force	30,958	35,161	34,653	37,705
Employed	29,583	35,784	35,077	35,235
Unemployed	1,375	1,296	939	2,470
Percent of labor force	4.4	3.5	2.6	6.6
Armed forces	0	0	0	0
Not in labor force	18,920	19,543	20,418	19,802

SOURCE: U.S. CENSUS BUREAU, 2000 CENSUS AND AMERICAN COMMUNITY SURVEY, 2007, 2008, AND 2009.

9.3.3

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

Census Designated Place	Total:	CIVILIAN LABOR FORCE					
		Armed forces	Not in labor force	Total	Em- ployed	Unem- ployed	%Unem- ployed
Haiku-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
Kīhei	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
Ma'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.

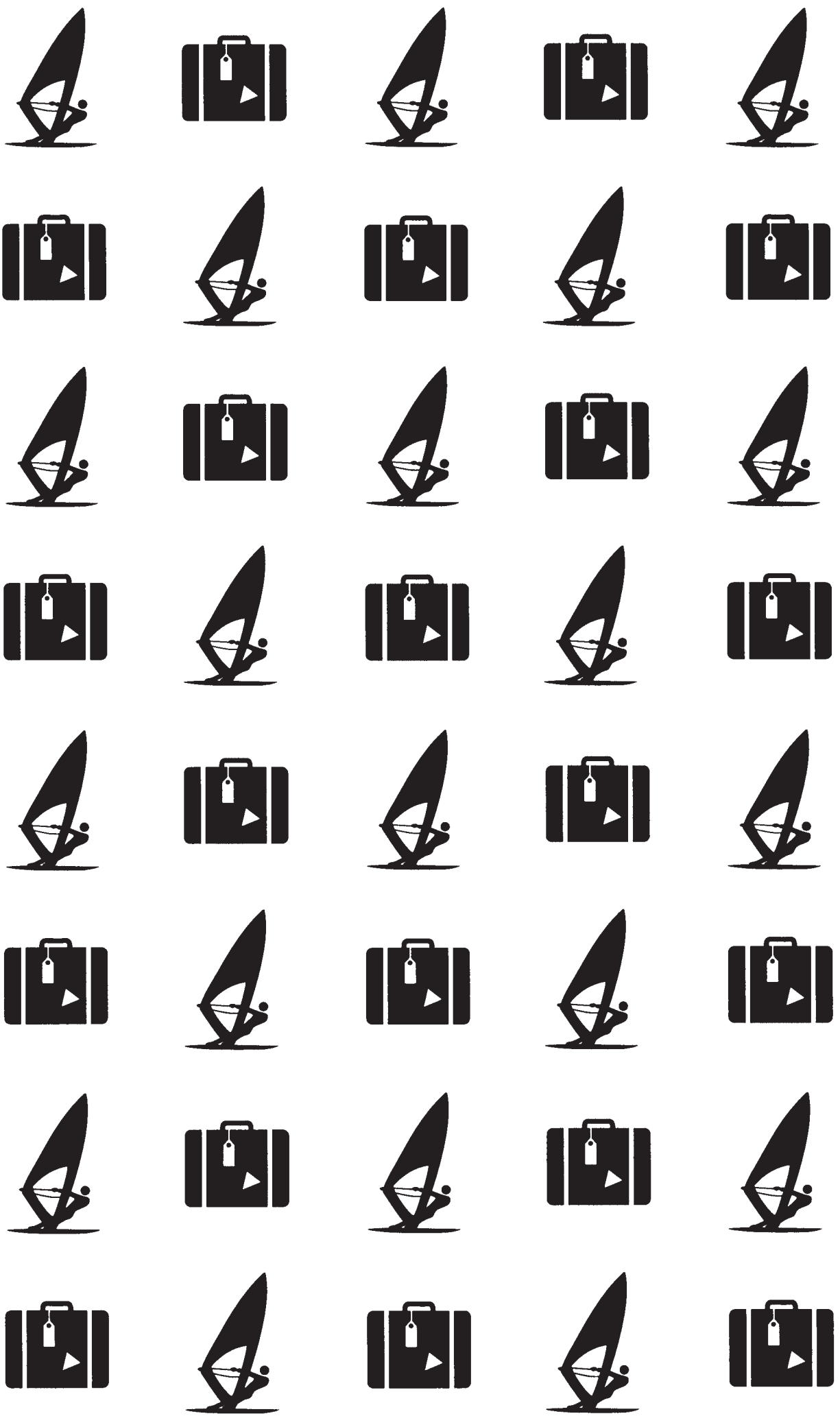
9.3.4

**WORKERS' COMPENSATION STATISTICS,  
MAUI COUNTY**

	2004	2005	2006	2007	2008
<b>Maui</b>					
Reported	4,199	3,902	3,932	3,886	3,477
Processed	8,056	7,820	6,852	6,550	6,439
With cost	5,997	6,119	5,262	5,159	5,013
Cost	\$35,256,200	\$38,787,726	\$30,583,736	\$30,788,788	\$31,761,600
Days Lost	164,844	162,782	145,594	111,402	114,849
<b>Moloka'i</b>					
Reported	129	95	87	91	82
Processed	269	238	191	176	165
With cost	198	171	139	133	120
Cost	\$926,828	\$818,397	\$695,569	\$609,015	\$472,590
Days Lost	3,976	3,515	1,979	2,488	1,484
<b>Lāna'i</b>					
Reported	131	91	155	150	116
Processed	231	207	245	233	193
With cost	171	170	185	176	150
Cost	\$1,065,661	\$941,527	\$724,231	\$962,373	\$849,870
Days Lost	4,756	4,185	2,721	3,821	3,095

SOURCE: HAWAII STATE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, RESEARCH AND STATISTICS OFFICE, WORKERS' COMPENSATION DATA BOOK 2008.

# 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 Tourism Authority. They have assumed the collection and analysis of visitor data since 2009.

## 10.1.1

### VISITORS TO MAUI COUNTY BY MONTH

*Arrivals by Air*

<b>2009</b>	<b>Maui</b>	<b>Moloka'i</b>	<b>Lāna'i</b>	<b>Maui County</b>
<b>All Visitors</b>				
January	155,297	4,960	5,304	158,992
February	152,294	4,213	5,053	155,773
March	158,711	4,213	5,498	162,329
April	156,415	4,089	5,148	159,588
May	145,399	3,694	5,024	148,625
June	176,358	3,584	5,413	179,407
July	189,646	4,636	5,486	193,017
August	176,690	3,630	5,072	180,027
September	134,833	3,538	4,719	137,881
October	142,786	3,679	4,301	145,918
November	138,509	3,571	4,296	141,470
December	165,458	4,532	5,740	169,331
<b>Total</b>	<b>1,892,396</b>	<b>48,339</b>	<b>61,054</b>	<b>1,932,357</b>
<b>Domestic Visitors</b>				
January	126,646	3,936	4,277	129,854
February	129,348	3,476	4,454	132,487
March	133,509	3,144	4,325	136,674
April	134,259	3,244	4,407	137,209
May	129,869	3,191	4,298	132,628
June	162,502	3,406	5,012	165,483
July	173,803	3,982	4,724	176,951
August	160,243	3,519	4,471	163,286
September	120,018	3,186	4,257	122,840
October	127,451	3,384	3,909	130,434
November	117,434	2,893	3,689	120,114
December	136,888	3,718	4,719	140,488
<b>Total</b>	<b>1,651,970</b>	<b>41,077</b>	<b>52,541</b>	<b>1,688,448</b>
<b>International Visitors</b>				
January	28,650	1,024	1,027	29,139
February	22,946	738	599	23,286
March	25,203	1,069	1,173	25,655
April	22,156	845	742	22,379
May	15,530	502	726	15,997
June	13,856	178	402	13,924
July	15,843	654	762	16,066
August	16,447	111	601	16,741
September	14,815	352	462	15,041
October	15,335	296	392	15,484
November	21,076	678	607	21,356
December	28,570	814	1,021	28,842
<b>Total</b>	<b>240,427</b>	<b>7,262</b>	<b>8,513</b>	<b>243,909</b>

SOURCE: HAWAII TOURISM AUTHORITY



## 10.1.2

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

*Arrivals by Air*

	2005	2006	2007	2008	2009
<b>Length of Stay (days)</b>					
<b>All Visitors</b>					
Maui	7.46	7.37	7.31	7.83	8.03
Moloka'i	4.25	3.98	4.31	4.42	4.88
Lāna'i	3.14	2.99	3.22	3.50	3.64
<b>Domestic</b>					
Maui	7.65	7.64	7.45	8.01	8.10
Moloka'i	4.77	4.77	4.91	5.19	5.29
Lāna'i	3.25	3.51	3.64	3.92	3.91
<b>International</b>					
Maui	5.91	6.18	6.31	6.68	7.49
Moloka'i	2.91	2.06	2.11	2.20	2.57
Lāna'i	2.31	1.27	1.44	1.63	1.96
<b>Average Daily Census (people)</b>					
<b>All Visitors</b>					
Maui	46,923	48,961	49,355	44,433	41,608
Moloka'i	855	927	982	831	647
Lāna'i	631	763	885	774	609
<b>Domestic</b>					
Maui	42,785	44,189	44,328	39,793	36,673
Moloka'i	765	785	878	724	596
Lāna'i	578	687	810	708	563
<b>International</b>					
Maui	4,138	4,773	5,028	4,940	4,936
Moloka'i	90	141	104	107	51
Lāna'i	53	76	76	66	46

SOURCE: HAWAII TOURISM AUTHORITY

### 10.1.3

## AVERAGE DAILY VISITOR CENSUS, BY COUNTY

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

Year	Maui	Hawai'i	Kaua'i	O'ahu	State
1981	15,727	6,561	7,225	66,455	95,968
1982	18,090	6,725	7,050	73,445	105,310
1983	24,670	8,690	7,990	66,695	108,040
1984	32,790	7,570	10,930	67,370	118,660
1985	31,910	8,040	11,470	65,280	116,700
1986	34,330	9,870	14,840	73,870	132,910
1987	33,890	10,210	15,510	74,660	134,270
1988	33,870	10,690	16,400	80,450	141,410
1989	44,020	17,760	19,140	88,750	169,670
1990	37,657	16,698	17,378	82,783	154,516
1991	37,060	17,535	17,720	75,008	147,323
1992	41,854	19,297	13,516	77,999	152,666
1993	42,132	18,974	8,283	78,108	147,498
1994	42,933	18,902	13,268	81,526	156,630
1995	42,751	18,547	14,439	81,362	157,098
1996	42,724	19,337	15,615	81,054	158,730
1997	43,383	21,656	15,999	76,150	157,188
1998	42,864	23,993	17,909	72,623	157,389
1999	43,992	22,736	18,214	79,497	164,439
2000	43,854	21,831	18,041	84,911	168,637
2001	40,651	21,064	16,830	79,702	158,247
2002	42,742	22,277	17,432	82,121	164,572
2003	44,510	21,934	17,828	76,776	161,048
2004	45,517	23,376	18,869	83,718	171,481
2005	48,409	27,579	19,682	89,775	185,445
2006	50,651	28,011	20,994	87,953	187,609
2007	51,222	27,891	22,207	88,092	189,412
2008	46,038	24,842	19,855	81,751	172,487
2009	42,864	23,204	18,690	80,324	165,082

SOURCE: HAWAII TOURISM AUTHORITY

## 10.1.4

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

*Arrivals by Air*

2009	Maui	Moloka'i	Lāna'i	County	State
Albuquerque	4,627	122	145	4,714	13,841
Anchorage	12,828	472	266	13,183	35,134
Atlanta	12,670	277	632	13,017	36,516
Austin	7,968	221	281	8,186	21,563
Bakersfield	3,951	88	104	4,020	11,752
Bellingham	4,167	100	61	4,251	11,274
Boise	5,901	86	155	5,972	15,852
Boston	19,965	473	825	20,428	51,318
Charlotte	3,552	74	141	3,606	9,597
Chicago	44,296	858	1,690	45,207	98,844
Cincinnati	6,663	223	273	6,804	15,107
Cleveland	6,642	190	235	6,790	16,020
Colorado Springs	4,553	125	124	4,626	15,613
Columbus	4,851	156	185	4,962	11,925
Dallas	30,457	669	1,270	31,143	75,228
Denver	31,844	751	1,139	32,606	84,041
Detroit	14,005	317	476	14,268	33,152
Eugene	5,707	165	115	5,829	14,218
Fort Collins	2,880	98	97	2,974	7,699
Fresno	6,593	130	178	6,704	17,993
Hartford	3,971	124	183	4,067	10,420
Houston	19,892	531	918	20,415	59,726
Indianapolis	5,300	145	203	5,428	13,026
Jacksonville, FL	2,242	83	136	2,306	7,367
Kansas City	8,027	173	332	8,215	20,699
Las Vegas	15,806	402	527	16,181	55,110
Los Angeles	211,026	3,716	5,699	215,526	624,890
Miami	5,747	161	298	5,878	14,832
Milwaukee	5,685	185	212	5,811	13,401
Minneapolis	18,298	462	522	18,691	48,507
Modesto	4,310	87	104	4,386	11,017

## 10.1.4

CONTINUED

2009	Maui	Moloka'i	Lāna'i	County	State
Nashville	3,860	65	145	3,938	9,890
New York	58,125	1,437	2,701	59,567	141,273
Norfolk	3,068	119	126	3,148	16,106
Oklahoma City	3,798	122	143	3,888	10,476
Omaha	3,271	84	88	3,343	9,040
Orlando	4,176	136	177	4,244	12,189
Philadelphia	14,978	456	637	15,365	37,427
Phoenix	37,661	840	1,104	38,437	104,518
Pittsburgh	5,210	104	220	5,319	13,487
Portland	60,395	1,319	1,317	61,574	143,940
Provo	5,354	123	170	5,429	17,249
Raleigh	3,829	110	174	3,949	10,563
Reno	5,357	94	173	5,476	14,919
Sacramento	33,024	577	800	33,646	92,336
Saint Louis	9,260	232	388	9,465	23,569
Salinas	3,598	101	116	3,727	11,764
Salt Lake City	20,240	382	565	20,637	54,959
San Antonio	5,069	161	222	5,194	18,231
San Diego	42,654	961	1,369	43,803	137,152
San Francisco	158,127	3,119	4,336	161,831	484,868
San Luis/Obispo	3,632	110	79	3,734	11,300
Santa Barbara	5,479	172	178	5,624	17,033
Seattle	107,673	2,283	2,067	109,766	301,223
Spokane	7,163	158	117	7,258	18,390
Stockton	5,295	124	143	5,423	16,164
Tampa	4,967	183	244	5,097	14,014
Tucson	6,094	153	191	6,227	18,605
Tulsa	2,969	103	112	3,035	7,979
Washington	26,922	763	1,156	27,655	97,612

Note: MSAs - Metropolitan Statistical Areas.

SOURCE: HAWAII TOURISM AUTHORITY

## 10.1.5

### VISITOR ARRIVALS, MAUI COUNTY

Year	International	Domestic	By Ship	Total
1990	469,239	1,815,623	NA	2,284,862
1991	483,224	1,692,382	NA	2,175,606
1992	569,241	1,754,371	NA	2,323,612
1993	569,204	1,693,910	NA	2,263,114
1994	531,610	1,808,906	NA	2,340,516
1995	564,092	1,762,705	NA	2,326,797
1996	586,576	1,732,034	NA	2,318,610
1997	542,018	1,788,366	NA	2,330,384
1998	527,950	1,776,165	NA	2,304,115
1999	480,471	1,866,531	NA	2,347,002
2000	470,035	1,834,631	32,288	2,336,954
2001	418,518	1,685,960	41,288	2,145,766
2002	369,323	1,770,103	58,853	2,198,280
2003	269,273	1,900,174	43,514	2,239,961
2004	270,029	1,937,797	69,427	2,277,253
2005	265,749	2,080,731	43,517	2,389,994
2006	294,708	2,182,608	89,820	2,567,136
2007	297,230	2,224,813	116,766	2,638,809
2008	278,532	1,850,510	105,148	2,234,190
2009	243,909	1,688,448	205,133	2,137,490

NA: Not available

SOURCE: HAWAII TOURISM AUTHORITY

10.1.6

**NATION OF RESIDENCE OF VISITORS  
TO MAUI COUNTY**

*Arrivals by Air*

	Maui		Moloka'i			Lāna'i			Total
	Domestic	Int'l	Total	Domestic	Int'l	Total	Domestic	Int'l	
<b>Total</b>	<b>1,651,970</b>	<b>240,427</b>	<b>1,892,396</b>	<b>41,077</b>	<b>7,262</b>	<b>48,339</b>	<b>52,541</b>	<b>8,513</b>	<b>61,054</b>
<b>U.S.</b>	<b>1,484,784</b>	<b>17,124</b>	<b>1,501,909</b>	<b>35,774</b>	<b>696</b>	<b>36,470</b>	<b>47,234</b>	<b>720</b>	<b>47,953</b>
<b>Canada</b>	<b>67,647</b>	<b>103,107</b>	<b>170,754</b>	<b>1,508</b>	<b>2,243</b>	<b>3,751</b>	<b>1,546</b>	<b>3,077</b>	<b>4,623</b>
<b>Asia</b>	<b>4,760</b>	<b>73,563</b>	<b>78,323</b>	<b>218</b>	<b>2,193</b>	<b>2,411</b>	<b>275</b>	<b>2,368</b>	<b>2,643</b>
China	2,498	2,303	4,802	117	288	405	175	184	358
Hong Kong	219	746	965	9	0	9	16	80	96
Japan	587	55,059	55,646	33	1,434	1,467	31	1,750	1,781
Korea	1,094	12,987	14,081	44	417	461	27	259	286
Singapore	176	877	1,054	12	0	12	13	32	45
Taiwan	185	1,591	1,776	3	53	57	13	63	76
<b>Oceania</b>	<b>3,354</b>	<b>23,244</b>	<b>26,599</b>	<b>105</b>	<b>1,274</b>	<b>1,380</b>	<b>101</b>	<b>1,427</b>	<b>1,528</b>
Australia	2,860	21,371	24,231	91	142	1,224	91	1,369	1,460
New Zealand	494	1,873	2,367	14	1,132	156	10	58	68
<b>Europe</b>	<b>35,592</b>	<b>3,420</b>	<b>39,012</b>	<b>1,466</b>	<b>297</b>	<b>1,763</b>	<b>1,287</b>	<b>446</b>	<b>1,733</b>
UK	10,941	1,606	12,547	331	26	358	417	265	682
Germany	13,427	992	14,419	609	248	856	441	158	598
France	2,722	349	3,071	141	0	141	115	0	115
Italy	4,479	141	4,620	178	0	178	127	0	127
Switzerland	4,024	330	4,354	207	24	230	187	24	210
<b>Latin America</b>	<b>6,121</b>	<b>291</b>	<b>6,412</b>	<b>198</b>	<b>0</b>	<b>198</b>	<b>240</b>	<b>0</b>	<b>240</b>
Argentina	1,367	11	1,378	38	0	38	43	0	43
Brazil	2,439	29	2,468	75	0	75	106	0	106
Mexico	2,315	251	2,566	85	0	85	92	0	92
<b>Other</b>	<b>49,711</b>	<b>19,678</b>	<b>69,389</b>	<b>1,807</b>	<b>559</b>	<b>2,366</b>	<b>1,859</b>	<b>476</b>	<b>2,334</b>

Note: Domestic and international refer to the type of flight used by the visitor to reach the state

SOURCE: HAWAII TOURISM AUTHORITY

10.1.7

**TOTAL AIR SEATS OPERATED TO  
KAHULUI AIRPORT**

	2006	2007	2008	2009
<b>TOTAL SEATS</b>	<b>1,993,762</b>	<b>1,910,930</b>	<b>1,629,903</b>	<b>1,441,894</b>
Scheduled	1,954,782	1,875,590	1,591	1,441,894
Charter	38,980	35,040	38,040	0
<b>DOMESTIC SEATS</b>	<b>1,890,534</b>	<b>1,821,273</b>	<b>1,535,687</b>	<b>1,350,143</b>
Scheduled Seats	1,851,554	1,786,233	1,497,647	1,350,143
Charter seats	38,980	35,040	38,040	0
<b>US West</b>	<b>1,581,804</b>	<b>1,624,646</b>	<b>1,345,005</b>	<b>1,216,194</b>
Anchorage	12,544	15,456	4,239	24,806
Denver	NA	21,518	36,712	40,992
Las Vegas	49,684	53,111	16,400	0
Los Angeles	553,026	489,980	441,160	426,888
Oakland	91,860	129,950	30,970	4,710
Orange County	45,260	45,260	11,284	0
Phoenix	144,719	152,164	144,534	113,291
Portland	53,328	96,360	96,624	119,958
Sacramento	45,260	47,836	16,212	0
Salt Lake City	94,050	53,379	49,044	51,964
San Diego	98,852	130,268	72,864	0
San Francisco	247,309	211,244	219,978	230,630
Seattle	145,912	45,260	204,984	202,955
<b>US East</b>	<b>269,750</b>	<b>152,164</b>	<b>152,642</b>	<b>133,949</b>
Atlanta	33,426	96,360	NA	NA
Chicago	145,889	47,836	72,488	51,824
Dallas	78,659	130,268	80,154	82,125
Houston	11,776	211,244	NA	NA
<b>INTERNATIONAL SEATS</b>	<b>103,228</b>	<b>89,357</b>	<b>94,216</b>	<b>91,751</b>
Scheduled Seats	103,228	89,357	94,216	91,751
Charter seats	NA	NA	NA	NA
<b>Canada</b>	<b>103,228</b>	<b>89,357</b>	<b>94,216</b>	<b>91,751</b>
Calgary	11,799	8,550	NA	1,477
Vancouver	90,916	79,268	94,216	90,274

NA: Not available.

SOURCE: HAWAII TOURISM AUTHORITY

10.1.8

**HOTEL OCCUPANCY RATES,  
MAUI ISLAND**

<b>Month</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
January	78.2	78.7	79.5	76.5	77.2	66.0
February	83.1	85.9	86.1	82.2	84.8	75.8
March	83.6	86.2	83.8	79.6	80.7	66.9
April	80.6	77.4	80.4	71.5	70.7	59.0
May	76.5	78.6	80.0	71.0	65.5	55.9
June	79.3	83.8	81.8	75.7	64.6	61.3
July	82.4	84.9	85.1	81.8	67.8	64.0
August	82.9	81.8	84.4	81.6	69.0	66.2
September	73.0	75.4	76.7	73.7	56.8	55.8
October	74.6	77.0	77.5	77.9	61.6	59.5
November	70.7	73.2	72.2	74.4	60.5	58.0
December	69.1	71.5	72.1	71.7	56.8	62.3
Total	77.8	79.6	80.0	76.5	67.9	62.1

SOURCE: HAWAII TOURISM AUTHORITY



## 10.2.1

### CLASS OF VISITOR ACCOMODATION UNITS BY ISLAND, MAUI COUNTY

	2005	2006	2007	2008	2009
<b>Maui</b>					
Luxury (over \$500 per night)	16.9%	20.0%	38.3%	31.8%	32.5%
Deluxe (\$251 to \$500)	38.2%	36.7%	26.5%	28.7%	29.1%
Standard (\$101 to \$250)	33.1%	31.3%	28.5%	33.8%	34.6%
Budget (up to \$100)	11.8%	12.0%	6.6%	5.6%	3.7%
<b>Moloka'i</b>					
Luxury (over \$500 per night)	0.2%	0.0%	0.0%	0.4%	0.3%
Deluxe (\$251 to \$500)	15.8%	16.3%	23.3%	4.9%	2.7%
Standard (\$101 to \$250)	34.0%	32.4%	58.5%	71.8%	60.2%
Budget (up to \$100)	50.0%	51.2%	18.3%	22.9%	36.9%
<b>Lāna'i</b>					
Luxury (over \$500 per night)	51.8%	52.0%	46.6%	46.6%	45.9%
Deluxe (\$251 to \$500)	43.3%	43.6%	48.9%	48.9%	49.9%
Standard (\$101 to \$250)	3.2%	3.5%	3.7%	3.7%	3.4%
Budget (up to \$100)	1.7%	0.8%	0.8%	0.8%	0.8%

SOURCE: HAWAII TOURISM AUTHORITY, 2009 VISITOR PLANT INVENTORY

10.2.2

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

	2006		2007		2008		2009	
	Prop	Units	Prop	Units	Prop	Units	Prop	Units
<b>Maui</b>								
Apartment/Hotel	5	37	3	17	1	14	2	14
Bed & Breakfast	29	121	27	114	29	110	34	105
Condo Hotel	120	7,832	81	6,170	114	7,071	81	5,931
Hostel	3	37	3	40	3	40	3	42
Hotel	27	7,434	26	7,458	26	7,033	28	7,130
Individual Unit	143	544	209	2,195	216	2,021	221	2,901
Timeshare	14	2,211	26	2,916	26	2,657	26	3,324
Other	14	507	12	306	5	109	5	8
<b>Total</b>	<b>355</b>	<b>18,723</b>	<b>387</b>	<b>19,216</b>	<b>420</b>	<b>19,055</b>	<b>400</b>	<b>19,455</b>
<b>Moloka'i</b>								
Apartment/Hotel	0	0	0	0	0	0	0	0
Bed & Breakfast	2	3	2	3	3	7	3	7
Condo Hotel	6	156	6	151	5	161	6	258
Hostel	0	0	0	0	0	0	0	0
Hotel	3	156	2	112	1	50	1	50
Individual Unit	21	162	15	31	16	19	17	21
Timeshare	0	0	1	7	1	7	1	7
Other	1	4	2	5	0	0	0	0
<b>Total</b>	<b>33</b>	<b>481</b>	<b>28</b>	<b>309</b>	<b>26</b>	<b>244</b>	<b>28</b>	<b>343</b>
<b>Lāna'i</b>								
Apartment/Hotel	1	1	1	1	1	1	1	1
Bed & Breakfast	1	3	1	3	1	3	1	3
Condo Hotel	0	0	0	0	0	0	0	0
Hostel	0	0	0	0	0	0	0	0
Hotel	3	362	3	349	3	349	3	348
Individual Unit	1	1	1	1	1	1	1	1
Timeshare	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>Total</b>	<b>6</b>	<b>367</b>	<b>6</b>	<b>354</b>	<b>6</b>	<b>354</b>	<b>6</b>	<b>353</b>

Note: Prop means number of proproperties

SOURCE: HAWAII TOURISM AUTHORITY, 2009 VISITOR PLANT INVENTORY

### 10.2.3

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

Area/Type	Properties	Units
<b>Hāna</b>		
Bed & Breakfast	4	5
Condo Hotel	1	18
Hotel	1	69
Individual Unit	14	37
<b>Kahului-Wailuku</b>		
Bed & Breakfast	4	16
Condo Hotel	1	11
Hostel	3	42
Hotel	3	346
Individual Unit	8	36
Other	0	1
<b>Kula-Makawao</b>		
Bed & Breakfast	9	26
Individual Unit	9	17
Other	1	7
<b>West Maui</b>		
Apartment/Hotel	2	14
Bed & Breakfast	10	39
Condo Hotel	38	3,344
Hotel	12	3,614
Individual Unit	96	1,175
Timeshare	17	2,755
Other	2	0
<b>Ma'alaea</b>		
Bed & Breakfast	1	4
Condo Hotel	4	97
Individual Unit	11	134
<b>Wailea-Kīhei</b>		
Bed & Breakfast	6	15
Condo Hotel	37	2,461
Hotel	12	3,101
Individual Unit	83	1,502
Timeshare	9	569
Other	2	0

SOURCE: HAWAII TOURISM AUTHORITY, 2009 VISITOR PLANT INVENTORY

## 10.2.4

### VISITOR PLANT INVENTORY, MAUI COUNTY

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<b>Year</b>	<b>Available Units</b>
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	18,303
2004	18,445
2005	19,220
2006	19,571
2007	19,879
2008	19,653
2009	20,151

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SOURCE: HAWAII TOURISM AUTHORITY, 2009 VISITOR PLANT INVENTORY

## 10.3.1

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

*Arrivals by air*

	US East		US West		Japan	
	2009	2008	2009	2008	2009	2008
<b>Total Spending</b>	<b>\$133.3</b>	<b>\$146.2</b>	<b>\$165.6</b>	<b>\$183.4</b>	<b>\$268.3</b>	<b>\$288.3</b>
<b>Total Food and beverage</b>	<b>30.8</b>	<b>32.4</b>	<b>35.9</b>	<b>37.7</b>	<b>43.0</b>	<b>45.2</b>
Restaurant food	19.8	21.1	25.2	26.3	30.1	31.6
Dinner shows and cruises	2.8	3.0	4.0	4.5	4.8	5.3
Groceries and snacks	8.2	8.3	6.8	7.0	8.2	8.3
<b>Entertainment &amp; Recreation</b>	<b>12.8</b>	<b>13.8</b>	<b>18.1</b>	<b>19.9</b>	<b>20.7</b>	<b>22.0</b>
<b>Total Transportation</b>	<b>15.4</b>	<b>15.3</b>	<b>18.9</b>	<b>18.8</b>	<b>10.5</b>	<b>11.4</b>
Interisland airfare	1.5	1.7	3.6	3.9	2.3	3.0
Ground transportation	0.7	0.7	1.0	1.0	4.7	4.8
Rental vehicles	11.8	11.2	12.7	11.9	3.1	3.1
Gasoline, parking, etc.	1.4	1.7	1.7	2.0	0.4	0.4
<b>Total Shopping</b>	<b>16.3</b>	<b>19.0</b>	<b>19.5</b>	<b>21.2</b>	<b>98.8</b>	<b>100.8</b>
Fashion and clothing	6.3	7.2	6.9	7.3	26.9	27.0
Jewelry and watches	3.2	4.3	4.3	5.1	12.3	12.9
Cosmetics, perfume	0.3	0.3	0.2	0.3	5.5	5.7
Leather goods	0.5	0.6	0.6	0.5	33.5	34.0
Hawai'i food products	2.1	2.2	2.1	2.1	11.8	11.9
Souvenirs	3.9	4.4	5.4	6.0	8.9	9.3
<b>Lodging</b>	<b>54.4</b>	<b>60.4</b>	<b>64.2</b>	<b>72.5</b>	<b>76.9</b>	<b>89.6</b>
<b>All other expenses</b>	<b>3.4</b>	<b>5.4</b>	<b>9.0</b>	<b>13.3</b>	<b>18.4</b>	<b>19.4</b>

SOURCE: HAWAII TOURISM AUTHORITY, 2009 ANNUAL VISITOR RESEARCH REPORT

## 10.3.2

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

	Total	US West	US East	Canada	Europe	Other
<b>Total per person per day spending</b>	<b>\$50.11</b>	<b>\$33.01</b>	<b>\$67.09</b>	<b>\$63.95</b>	<b>\$76.70</b>	<b>\$67.45</b>
<b>Lodging</b>	<b>4.39</b>	<b>1.79</b>	<b>5.82</b>	<b>11.71</b>	<b>2.22</b>	<b>9.57</b>
<b>Food &amp; beverages</b>	<b>5.18</b>	<b>4.02</b>	<b>5.47</b>	<b>8.61</b>	<b>8.33</b>	<b>7.27</b>
Restaurant	3.40	2.82	3.38	5.53	5.69	4.40
Dinner shows	0.78	0.50	1.05	1.20	0.22	1.43
Groceries/snacks	1.00	0.70	1.04	1.89	2.42	1.44
<b>Entertainment and Recreation</b>	<b>2.09</b>	<b>1.72</b>	<b>2.25</b>	<b>2.61</b>	<b>1.28</b>	<b>4.24</b>
<b>Shore Tour</b>	<b>14.98</b>	<b>7.89</b>	<b>24.45</b>	<b>15.51</b>	<b>19.38</b>	<b>18.20</b>
<b>Total Transportation</b>	<b>4.62</b>	<b>2.91</b>	<b>6.00</b>	<b>6.68</b>	<b>10.79</b>	<b>5.43</b>
Inter-island airfare	1.25	0.55	1.70	1.87	6.35	1.44
Ground transportation	0.70	0.53	0.71	0.94	2.94	0.65
Rental car/moped	2.36	1.64	3.15	3.38	1.14	3.03
Other transportation	0.31	0.19	0.44	0.49	0.36	0.30
<b>Total Shopping</b>	<b>15.80</b>	<b>12.32</b>	<b>19.18</b>	<b>16.53</b>	<b>28.04</b>	<b>19.59</b>
Fashion& clothing	4.55	3.84	4.72	6.02	8.27	5.97
Jewelry/watch	5.82	4.38	7.76	4.24	8.49	8.21
Cosmetics/perfumes	0.14	0.13	0.11	0.20	0.28	0.22
Leather goods	0.23	0.18	0.13	0.77	0.75	0.13
Hawai'i food products	1.01	0.85	1.25	1.07	1.21	0.69
Souvenirs	4.06	2.94	5.20	4.23	9.02	4.37
<b>All other spending outside ship</b>	<b>3.05</b>	<b>2.38</b>	<b>3.92</b>	<b>2.29</b>	<b>6.67</b>	<b>3.15</b>

SOURCE: HAWAII TOURISM AUTHORITY, 2009 ANNUAL VISITOR RESEARCH REPORT

### 10.3.3

## SUMMARY VISITOR CHARACTERISTICS, MAUI COUNTY

*Arrivals by Air*

	Total	Domestic	International
<b>Islands Visited</b>			
O'ahu	589,910	457,998	131,912
Maui County	1,932,357	1,688,448	243,909
Maui	1,892,396	1,651,970	240,427
Moloka'i	48,339	41,077	7,262
Lāna'i	61,054	52,541	8,513
Kaua'i	246,001	215,264	30,737
Hawai'i Island	281,978	235,146	46,831
Hilo	172,559	140,733	31,825
Kona	237,064	199,537	37,527
Maui County Only	1,202,883	1,100,960	101,923
<b>Visit Status</b>			
First-Time	623,165	519,515	103,650
Repeat	1,309,192	1,168,933	140,259
Average # of Trips	5.20	5.42	3.70
<b>Party Size</b>			
One	262,795	236,113	26,682
Two	916,370	800,532	115,838
Three or more	753,192	651,803	101,388
Avg Party Size	2.13	2.11	2.25
<b>Accommodations</b>			
Hotel	1,040,443	886,956	153,486
Hotel Only	796,124	675,394	120,730
Condo	549,685	480,387	69,298
Condo Only	426,393	374,357	52,037
Timeshare	276,721	260,235	16,486
Timeshare Only	205,691	195,571	10,120
Rental House	68,900	59,664	9,236
Bed & Breakfast	22,619	20,200	2,420
Cruise Ship	105,199	94,159	11,040
Friends or Relatives	146,799	131,210	15,589

SOURCE: HAWAII TOURISM AUTHORITY, 2009 ANNUAL VISITOR RESEARCH REPORT

### 10.3.4

## SUMMARY VISITOR CHARACTERISTICS, BY ISLAND, MAUI COUNTY 2009

*Arrivals by Air*

	Maui	Moloka'i	Lāna'i
<b>Islands Visited</b>			
O'ahu	572,269	27,336	28,316
Maui County	1,892,396	48,339	61,054
Maui	1,892,396	30,123	38,288
Moloka'i	30,123	48,339	11,738
Lāna'i	38,288	11,738	61,054
Kaua'i	241,178	14,639	16,697
Hawai'i Island	274,888	17,193	19,915
Hilo	169,857	13,371	13,700
Kona	231,396	14,853	18,167
Island only	1,161,684	6,657	9,724
<b>Visit Status</b>			
First-Time	613,854	17,300	20,706
Repeat	1,278,542	31,038	40,348
Average # of Trips	5.16	5.50	5.50
<b>Party Size</b>			
One	254,494	10,186	9,980
Two	896,494	24,077	32,773
Three or more	741,409	14,076	18,302
Avg Party Size	2.13	1.90	1.99
<b>Accommodations</b>			
Hotel	1,017,462	24,012	40,501
Hotel Only	778,776	13,290	29,457
Condo	541,729	13,008	10,683
Condo Only	421,194	8,016	6,749
Timeshare	273,930	3,991	5,076
Timeshare Only	203,951	2,360	3,137
Rental House	65,523	4,172	2,482
Bed & Breakfast	21,769	1,900	1,095
Cruise Ship	104,757	4,706	6,204
Friends or Relatives	139,409	8,909	7,052

SOURCE: HAWAII TOURISM AUTHORITY, 2009 ANNUAL VISITOR RESEARCH REPORT



### 10.3.5

## TOTAL CRUISE PASSENGERS BY MMA

	Visitors	US West	US East	Canada	Europe	Other	Hawai'i	Total
<b>2009</b>								
Maui County	205,133	65,120	98,427	22,813	7,115	11,657	3,826	208,959
Maui	205,133	65,120	98,427	22,813	7,115	11,657	3,826	208,959
Moloka'i	6,756	3,089	2,670	486	231	280	0	6,756
Lāna'i	8,093	3,644	3,146	591	334	377	0	8,093
<b>2008</b>								
Maui County	252,869	68,275	134,468	27,193	7,035	15,897	1,993	254,862
Maui	252,869	68,275	134,468	27,193	7,035	15,897	1,993	254,862
Moloka'i	6,885	2,181	3,103	942	221	439	0	6,885
Lāna'i	7,086	2,451	2,982	956	243	454	0	7,086
<b>2007</b>								
Maui County	486,103	142,448	235,917	42,339	10,126	55,273	10,710	496,813
Maui	486,103	142,448	235,917	42,339	10,126	55,273	10,710	496,813
Moloka'i	7,888	3,432	3,286	368	74	728	146	8,035
Lāna'i	10,461	4,793	4,208	497	122	841	32	10,493
<b>2006</b>								
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

MMA: Major Market Area

SOURCE: HAWAII TOURISM AUTHORITY, 2009 ANNUAL VISITOR RESEARCH REPORT

10.3.6

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

	2010		2011	
	Max Capacity	Ships	Max Capacity	Ships
<b>Kahului Harbor</b>				
January	10,730	5	10,730	5
February	12,824	6	8,584	4
March	8,584	4	8,584	4
April	12,824	6	12,824	6
May	10,730	5	10,730	5
June	8,584	4	8,584	4
July	8,584	4	10,730	5
August	10,730	5	8,584	4
September	10,730	5	8,584	4
October	12,824	6	10,730	5
November	8,584	4	8,584	4
December	8,584	4	12,824	6
<b>Lahaina Small Boat Harbor</b>				
January	8,696	5	9,410	6
February	10,558	6	NA	9
March	11,596	6	12,350	6
April	11,280	6	9,098	5
May	5,232	3	NA	7
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	7,297	5	NA	5
October	8,663	4	NA	8
November	16,402	9	NA	5
December	13,400	6	NA	8

Note: Schedules are tentative

NA: Not available

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HARBORS DIVISION, MAUI PASSENGER AND CRUISE VESSELS SCHEDULE; HAWAII STATE DEPARTMENT OF LAND AND NATURAL RESOURCES, DIVISION OF BOATING & OCEAN RECREATION, SCHEDULE OF PASSENGER/CRUISE VESSELS

## 10.4.1

## ACTIVITY PARTICIPATION MAUI ISLAND, BY VISITOR CATEGORY

	US West	US East	Japan	Canada	Europe	Oceania
<b>All Sightseeing</b>	<b>87.5%</b>	<b>92.9%</b>	<b>90.6%</b>	<b>94.2%</b>	<b>94.2%</b>	<b>90.1%</b>
Helicopter/plane tour	3.8	10.8	3.6	7.4	5.3	9.0
Boat/submarine/whale watching	34.4	37.1	10.0	40.6	31.3	26.5
Tour bus excursion	4.5	13.4	40.6	9.7	14.4	15.8
Private limo/van tour	2.2	4.4	8.4	3.6	9.6	5.9
Self-guided	76.8	75.1	41.4	80.8	77.0	62.3
<b>All Recreation</b>	<b>91.7</b>	<b>84.4</b>	<b>49.2</b>	<b>93.7</b>	<b>86.3</b>	<b>87.6</b>
Swimming/sunbathing/beach	85.2	76.7	35.9	88.3	81.6	74.1
Surfing/bodyboarding	24.4	14.8	0.6	33.2	19.4	12.2
Snorkeling/scuba diving	59.6	47.4	11.7	61.2	43.6	39.9
Jet skiing/parasailing/windsurfing	5.0	4.3	0.3	2.3	3.4	5.4
Golf	13.3	12.7	14.3	16.4	5.2	7.8
Running/jogging/fitness walking	42.0	38.6	16.2	48.3	19.8	28.4
Spa	11.5	11.3	2.6	8.7	7.6	14.7
Backpacking/hiking/camping	17.4	19.3	1.8	14.1	23.3	13.3
Sports event	1.7	3.4	2.4	3.7	2.9	0.3
<b>All Entertainment</b>	<b>94.1</b>	<b>88.0</b>	<b>73.8</b>	<b>93.9</b>	<b>86.1</b>	<b>80.5</b>
Lunch/sunset/dinner cruise	22.7	26.5	32.7	27.5	32.8	17.3
Lounge act/stage show	20.0	26.4	12.0	26.8	13.3	16.5
Nightclub/dancing/bar/karaoke	6.0	8.2	0.3	6.9	7.4	5.8
Fine dining	43.1	42.6	55.1	36.7	27.4	30.8
Family restaurant/diner	66.5	62.1	27.2	65.2	48.2	51.3
Ethnic dining	47.1	37.5	6.2	50.3	33.8	29.6
Prepared own meal	53.6	40.4	13.1	55.2	33.5	26.4
<b>All Shopping</b>	<b>93.3</b>	<b>91.7</b>	<b>77.9</b>	<b>95.6</b>	<b>90.5</b>	<b>90.0</b>
Department stores	32.2	29.4	3.9	48.5	37.9	35.6
Designer boutiques	39.2	32.4	21.4	42.8	20.4	28.5
Hotel stores	36.4	38.0	19.9	29.1	22.9	23.6
Swap meet	22.1	15.5	5.1	32.2	15.1	9.2
Discount/outlet stores	31.7	29.9	21.0	32.3	17.6	20.0
Supermarkets	77.0	62.1	37.2	79.0	71.5	55.0
Convenience stores	59.0	49.5	29.4	64.5	29.7	53.9
Duty free	2.7	2.2	11.3	5.7	7.1	3.0
Local shops/artisans	69.7	70.4	27.3	75.6	61.2	55.7
<b>All Culture</b>	<b>72.1</b>	<b>77.0</b>	<b>36.9</b>	<b>80.2</b>	<b>79.4</b>	<b>63.1</b>
Historic military sites	2.1	3.7	0.3	3.8	2.5	3.9
Other historical sites	24.1	22.9	13.6	28.0	29.0	20.1
Museum/art gallery	25.7	23.0	4.9	26.7	20.0	14.4
Polynesian show/luau/hula	28.6	39.2	13.1	38.1	24.2	25.1
Play/concert	5.2	4.7	1.2	6.0	5.9	2.7
Art/craft fair	18.1	14.7	1.8	19.0	11.0	4.7
Parks/gardens	50.9	54.2	17.6	59.8	53.1	43.4
Festival	3.4	2.3	0.6	2.5	1.6	0.3
<b>All Transportation</b>	<b>88.2</b>	<b>84.1</b>	<b>51.4</b>	<b>92.1</b>	<b>90.0</b>	<b>80.6</b>
Trolley	2.2	3.0	3.7	4.1	6.4	8.3
Public Bus	3.4	4.2	3.8	6.3	10.5	20.9
Taxi/limo	5.2	6.2	20.0	9.3	15.4	26.9
Rental Car	84.7	78.5	26.9	86.3	76.8	48.7
<b>Meeting</b>	<b>3.7</b>	<b>2.2</b>	<b>0.6</b>	<b>1.9</b>	<b>1.6</b>	<b>1.3</b>
<b>Convention</b>	<b>1.6</b>	<b>1.2</b>	<b>0.3</b>	<b>1.5</b>	<b>2.5</b>	<b>3.7</b>
<b>Incentive/Reward</b>	<b>2.8</b>	<b>2.5</b>	<b>1.0</b>	<b>2.4</b>	<b>1.7</b>	<b>0.6</b>

SOURCE: HAWAII TOURISM AUTHORITY, 2009 VISITOR SATISFACTION AND ACTIVITY REPORT

## 10.4.2

### EXCELLENT SATISFACTION RATINGS BY ISLAND, U.S. AND JAPAN VISITORS

	Maui	Moloka'i	Lāna'i	O'ahu	Hawai'i	Kaua'i
<b>U.S. Visitors</b>						
2006	69.1%	60.4%	65.7%	55.3%	52.8%	66.9%
2007	68.1	53.6	60.6	58.0	62.0	72.4
2008	73.7	58.2	69.0	55.3	62.2	74.9
2009	73.4	51.0	67.6	61.1	62.3	72.5
<b>Japan Visitors</b>						
2006	50.9	42.5	56.3	53.0	49.1	42.0
2007	54.0	64.3	86.3	51.1	56.6	48.0
2008	54.3	47.5	71.0	56.6	57.3	52.7
2009	55.7	43.4	12.2	59.3	56.7	53.0

SOURCE: HAWAII TOURISM AUTHORITY, 2009 VISITOR SATISFACTION AND ACTIVITY REPORT

## 10.4.3

### MAUI COUNTY VISITATION DECISION TIMETABLE

*% of Total Visitors by MMA*

Island	U.S. West	U.S. East	Japan	Canada	Europe	Oceania
<b>Maui</b>						
Decide before arrival in Hawai'i	96.0%	94.5%	89.1%	96.9%	92.3%	80.7%
Decide after arrival in Hawai'i	4.0	5.5	10.9	3.1	7.7	19.3
<b>Moloka'i</b>						
Decide before arrival in Hawai'i	85.9	99.2	100.0	53.6	81.8	100.0
Decide after arrival in Hawai'i	14.1	0.8	0.0	46.4	18.2	0.0
<b>Lāna'i</b>						
Decide before arrival in Hawai'i	50.8	75.8	100.0	85.0	71.8	100.0
Decide after arrival in Hawai'i	49.2	24.2	0.0	15.0	28.2	0.0

SOURCE: HAWAII TOURISM AUTHORITY, 2009 VISITOR SATISFACTION AND ACTIVITY REPORT

## 10.4.4

### OVERALL ISLAND EXPERIENCE BY MMA AND ISLAND, MAUI COUNTY 2009

	US West	US East	Japan	Canada	Europe	Oceania
<b>Maui</b>						
Excellent	72.4%	74.8%	55.7%	65.9%	66.2%	64.6%
Above Average	25.3	23.1	39.4	31.5	32.1	33.3
Below Average	1.9	2.0	4.7	2.7	1.6	2.1
Poor	0.3	0.1	0.3	0.0	0.1	0.0
<b>Moloka'i</b>						
Excellent	58.7	44.1	43.4	43.7	44.3	73.7
Above Average	28.5	39.9	56.6	35.8	42.2	26.3
Below Average	5.2	10.1	0.0	18.2	10.6	0.0
Poor	7.6	6.5	0.0	2.3	3.0	0.0
<b>Lāna'i</b>						
Excellent	61.9	73.5	12.2	76.5	79.0	56.0
Above Average	32.3	22.1	87.8	14.7	17.8	44.0
Below Average	5.4	4.2	0.0	8.9	2.5	0.0
Poor	0.5	0.3	0.0	0.0	0.7	0.0

SOURCE: HAWAII TOURISM AUTHORITY, 2009 VISITOR SATISFACTION AND ACTIVITY REPORT

## 10.4.5

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

Income <sup>1</sup>	US West	US East	Canada	Europe	Oceania
Under \$15,000	1.4%	0.9%	0.9%	5.3%	0.0%
\$15,000 to \$24,999	0.9	1.1	1.4	2.8	2.8
\$25,000 to \$29,999	1.6	1.4	1.4	3.0	2.1
\$30,000 to \$34,999	1.0	0.7	1.6	3.6	2.3
\$35,000 to \$39,999	2.9	4.0	2.4	3.8	2.3
\$40,000 to \$44,999	1.9	3.3	3.2	1.9	3.0
\$45,000 to \$49,999	2.5	4.1	4.6	4.9	8.5
\$50,000 to \$69,999	12.1	11.2	9.7	13.8	9.8
\$70,000 to \$99,999	22.0	22.3	19.3	22.1	21.3
\$100,000 to \$124,999	14.4	13.5	16.7	10.7	15.3
\$125,000 to \$149,999	8.1	8.2	11.4	9.4	9.7
\$150,000 to \$199,999	12.4	10.7	11.5	7.8	7.8
\$200,000 or more	18.9	18.6	15.8	11.0	15.2
<b>10,000 Japanese Yen</b>	<b>Japan</b>				
150 or less	3.5%				
150 to 249.999	6.5				
250 to 299.999	2.6				
300 to 349.999	3.0				
350 to 399.999	3.9				
400 to 449.999	4.2				
450 to 499.999	6.2				
500 to 699.999	16.3				
700 to 999.999	16.0				
1,000 to 1,249.999	13.7				
1,250 to 1,499.999	12.3				
1,500 to 1,999.999	4.6				
2,000 or more	7.3				

1. All in U.S. dollars

SOURCE: HAWAII TOURISM AUTHORITY, 2009 VISITOR SATISFACTION AND ACTIVITY REPORT

10.5.1

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

<b>Attraction</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Maui</b>			
Alexander & Baldwin Sugar Museum	38,453	29,332	27,412
Aquarium Maui/Maui Ocean Center	471,570	366,754	311,776
Haleakala National Park	1,322,817	1,185,068	1,109,104
Haleki'i-Pihana Heiaus State Monument	12,000	10,176	9,240
Hāna Cultural Center	8,561	8,384	6,758
Īao Valley State Monument	431,400	365,827	332,171
Kula Botanical Garden	29,275	29,575	30,400
Lahaina Restoration Foundation	169,159	108,683	NA
Baldwin Missionary Home Museum	43,335	40,133	NA
Hale Pa'ahao (Old Lahaina Prison)	28,927	28,022	NA
Hale Pa'i Printing House	1,364	1,416	NA
Wo Hing Temple Museum	95,533	39,112	NA
Maui Historical Society Bailey House Museum	12,962	12,092	10,042
Whalers Village Museum	221,562	164,757	228,010
<b>Moloka'i</b>			
Kalaupapa National Historical Park	60,992	60,934	30,654
Kalaupapa Settlement	9,292	9,094	8,415

NA: Not available

SOURCE: HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM, RESEARCH AND ECONOMIC ANALYSIS DIVISION,  
STATE OF HAWAII DATA BOOK 2009.

## 10.5.2

### NATIONAL AND STATE HISTORIC SITES, MAUI COUNTY

2009	Maui	Kaho'olawe	Lāna'i	Moloka'i	Maui County
Listed Hawai'i Register only	31	–	–	41	80
Listed National Register only	4	1	–	10	13
Listed both Hawai'i and National Register	31	–	2	40	66
Eligible for National Register	1	–	–	2	3
<b>Total sites</b>	<b>67</b>	<b>1</b>	<b>2</b>	<b>93</b>	<b>162</b>

SOURCE: HAWAII STATE DEPARTMENT OF LAND AND NATURAL RESOURCES, STATE HISTORIC PRESERVATION DIVISION, RECORDS, 2009.

## 10.5.3

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

Parks	2006	2007	2008	2009
<b>National Parks</b>				
Number	2	2	2	2
Acreage	39,890	39,111	44,001	44,002
Visits	1,472,907	1,383,809	1,246,002	1,139,758
<b>State Parks &amp; Historic Sites</b>				
Number	10	10	10	10
Acreage	565	569	569	569
Visits	NA	1,495,000	1,190,000	1,077,000
<b>County Parks</b>				
Number	NA	119	119	119
Acreage	NA	789	1,184	1,184

NA: Not available.

SOURCE: U.S. DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE, PACIFIC ISLANDS SUPPORT OFFICE, RECORDS; HAWAII STATE DEPARTMENT OF LAND AND NATURAL RESOURCES, DIVISION OF STATE PARKS, RECORDS. COMPILED BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM



## 10.5.4

### COMMUNITY CENTERS, MAUI COUNTY

Name	Location	Max Capacity	Tables	Chairs	Kitchen	Public Parking
Eddie Tam Memorial	Makawao	380	33	390	yes	39
Haiku	Haiku	178	28	160	yes	48
Hāli'imaile Annex	Hāli'imaile	60	9	58	yes	2
Hāna	Hāna	100	15	74	yes	Unmarked
Helene Hall	Hāna	304	20	200	no	20
Kahului	Kahului	200	8	64	yes	30
Kalama Park Ext. Pavilion	Kīhei	250	12	12	yes	Unmarked
Kenolio	Kīhei	175	13	62	yes	64
Kēōkea	Kula	108	11	80	yes	7
Kīhei	Kīhei	600	35		yes	149
Kilohana	Kaunakakai	150	5	20	yes	20
Kualapu'u	Moloka'i	97	9	72	yes	100
Kula	Kula	180	59	134	yes	64
Lahaina Civic Center	Lahaina	322	15	322	yes	150
Lāna'i	Lāna'i	200	26	100	yes	64
Mayor Hannibal Tavares	Pukalani	755	50	500	yes	96
Mitchell Pau'ole	Kaunakakai	246	22	160	yes	21
Old Kalama Park Pavilion	Kīhei	50	12 <sup>1</sup>		no	79
Pā'ia	Pā'ia	324	22	171	yes	37
Waikapū Neighborhood	Waikapū	100	8	80	yes	8
Wailuku	Wailuku	500	39 <sup>1</sup> , 8	96	yes	84

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	Hawai'i	Maui <sup>1</sup>	Lana'i	Moloka'i	O'ahu	Kaua'i
1993	27,586	4,006	2,427	26	46	20,081	1,000
1994	29,010	4,099	3,171	26	57	19,485	2,172
1995	28,442	4,911	1,446	82	48	20,030	1,925
1996	30,376	5,381	699	32	58	21,245	2,961
1997	28,395	5,871	1,378	33	80	19,713	1,320
1998	28,645	5,777	649	35	83	19,861	2,240
1999	32,137	6,311	4,473	29	84	20,039	1,201
2000	31,147	5,627	4,587	57	25	20,066	785
2001	31,068	5,919	4,285	NA	NA	18,761	2,103
2002	30,909	6,809	4,420	50	30	17,752	1,848
2003	29,519	6,786	2,901	12	47	16,673	3,100
2004	50,180	8,085	3,977	25	30	36,121	1,942
2005	53,415	10,454	4,621	24	30	35,638	2,648
2006	50,440	8,836	4,282	17	27	35,163	2,115
2007	50,403	6,504	4,997	9	27	34,966	3,900
2008	50,919	6,186	7,009	16	32	35,129	2,547
2009	52,623	7,881	5,039	25	36	35,129	4,513

NA Not available.

1. For the years 1995-1998, the number of registrations issued by the Maui Humane Society was not included in the count

10.7.2

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

	FY 2007-08			FY 2008-09		
	Dogs	Cats	Other	Dogs	Cats	Other
<b>Area</b>						
Lahaina	206	932	37	246	1,120	49
Kīhei	361	921	173	370	1,011	189
Makawao	304	492	159	318	530	83
Kahului	323	1,004	176	343	934	152
Kula	162	223	94	151	397	65
Wailuku	492	992	223	464	1,148	181
Pā‘ia	80	92	14	32	153	6
Haiku	203	400	141	142	414	144
Hāna	91	76	11	69	89	1
LAS	142	462	152	324	501	123
<b>Total</b>	<b>2,528</b>	<b>5,594</b>	<b>1,180</b>	<b>2,459</b>	<b>6,297</b>	<b>993</b>
<b>Acquisitions</b>						
Strays	1,505	4,434	795	1,572	4,911	681
Owner turn ins	853	1,160	385	887	1,386	312
Total Incoming	2,358	5,594	1,180	2,459	6,297	993
Remaining at Shelter						
Reclaim by owner	583	233	4	607	302	16
Adopted	819	739	153	774	723	134
Transferred	8	0	93	1	87	111
Dispositions						
Cremation	149	56	8	148	69	13
DOA	105	731	4	124	700	5
Total Euthanized <sup>1</sup>	710	3,879	879	787	4,505	785
<b>TOTAL</b>	<b>2,374</b>	<b>5,638</b>	<b>1,141</b>	<b>2,441</b>	<b>6,386</b>	<b>1,064</b>
<b>Euthanized</b>						
Euthanized untreatable	421	3,041	753	453	3,486	639
Euthanized Treatable Space Reasons	188	800	52	151	984	81
Euthanized Space Reasons	101	38	74	183	35	65
<b>TOTAL</b>	<b>710</b>	<b>3,879</b>	<b>879</b>	<b>787</b>	<b>4,505</b>	<b>785</b>

1. Includes owner requested euthanasia.

SOURCE: MAUI HUMANE SOCIETY, RECORDS.

10.7.3

**MAUI HUMANE SOCIETY CALL SLIPS AND CITATIONS ISSUED**

Call Slips	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09
Lease Law	2,432	2,953	3,471	1,069
No Tax	571	427	492	81
Barking	220	367	322	310
Cruelty/Neglect	1,073	1,166	1,356	567
Home Inspection	735	358	134	72
Injured Animals	220	187	183	277
Injured Wild Life	nc	nc	6	45
Large animal trespass	37	24	30	16
Spay/Neuter Reclaims	23	19	1	16
Abandonment	42	48	48	40
Vicious Dog recheck	64	144	178	128
Dog to Dog Bites	64	77	54	92
Dog to Human Bites	84	75	46	70
Dog to Other Bites	45	31	28	49
Ongoing Investigation	nc	nc	197	2,579
Pickup/Deliver/misc	812	920	585	603
Stray Dog pick up	631	600	548	509
DOA's	723	847	818	837
Stray Cat Pick up	1,516	1,815	1,727	1,887
Owned Animal Pick up	nc	nc	47	25
Pick up Police Reports, license	349	509	577	386
Other Animal Pick up	14	13	13	11
Wild Life pick up	nc	nc	3	9
Wild Life Transfer	nc	nc	14	179
Preventative Patrols	ac	ac	ac	427
Personal Assist	ac	ac	ac	333
<b>Total</b>	<b>9,655</b>	<b>10,630</b>	<b>10,878</b>	<b>10,617</b>

FY 2008-09	Upcountry	Hāna	Kahului	Wailuku	Lahaina	Kīhei
Leash Law	138	9	27	32	20	33
No Tax	5	0	3	1	0	2
Inhumane Manner	3	1	4	5	1	4
Cruelty	0	0	0	0	0	0
Aggressive Dog	47	2	11	16	6	16
D.D. Non Compliance	4	0	0	2	0	10
Interference	0	0	0	0	0	0
Abandonment	0	0	0	0	0	0
Live Stock at Large	0	0	0	4	0	0
<b>Total</b>	<b>197</b>	<b>12</b>	<b>45</b>	<b>60</b>	<b>27</b>	<b>65</b>

nc: New category as of FY 2007-2008.

ac: Additional category as of FY 2008-2009

SOURCE: MAUI HUMANE SOCIETY, RECORDS.

# Domestic Trade



## Section 11

### DOMESTIC TRADE

This final section covers data on manufacturers, service establishments, professional firms, retail trade, industrial parks and the general excise tax base. Also included is a list of Maui County's largest private corporations. The largest private corporation based in Maui is Jim Falk Automotive Group with 302 employees, and sales of \$226.2 million in 2008.

## 11.1.1

**MANUFACTURING  
MAUI COUNTY AND STATE OF HAWAI'I, 2007**

	Maui County		State of Hawai'i	
	All	Food	All	Food
<b>Number of establishments</b>	<b>114</b>	<b>31</b>	<b>984</b>	<b>267</b>
20 employees or more	11	4	171	56
<b>All employees</b>	<b>1,319</b>	<b>751</b>	<b>14,127</b>	<b>5,322</b>
Annual payroll (\$1,000)	50,718	28,005	511,486	155,013
<b>Production workers</b>	<b>901</b>	<b>566</b>	<b>9,487</b>	<b>3,896</b>
Hours (1,000)	1,844	1,184	17,490	6,914
Wages (\$1,000)	30,987	18,927	294,394	100,759
<b>Value added (\$1,000)</b>	<b>160,916</b>	<b>D</b>	<b>3,013,731</b>	<b>406,693</b>
<b>Total cost of materials (\$1,000)</b>	<b>101,402</b>	<b>D</b>	<b>5,812,515</b>	<b>485,654</b>
<b>Total value of shipments (\$1,000)</b>	<b>262,749</b>	<b>126,562</b>	<b>8,799,266</b>	<b>909,158</b>
<b>Total capital expenditures (\$1,000)</b>	<b>17,382</b>	<b>D</b>	<b>86,735</b>	<b>26,814</b>

D: Data withheld to avoid disclosing data for individual companies

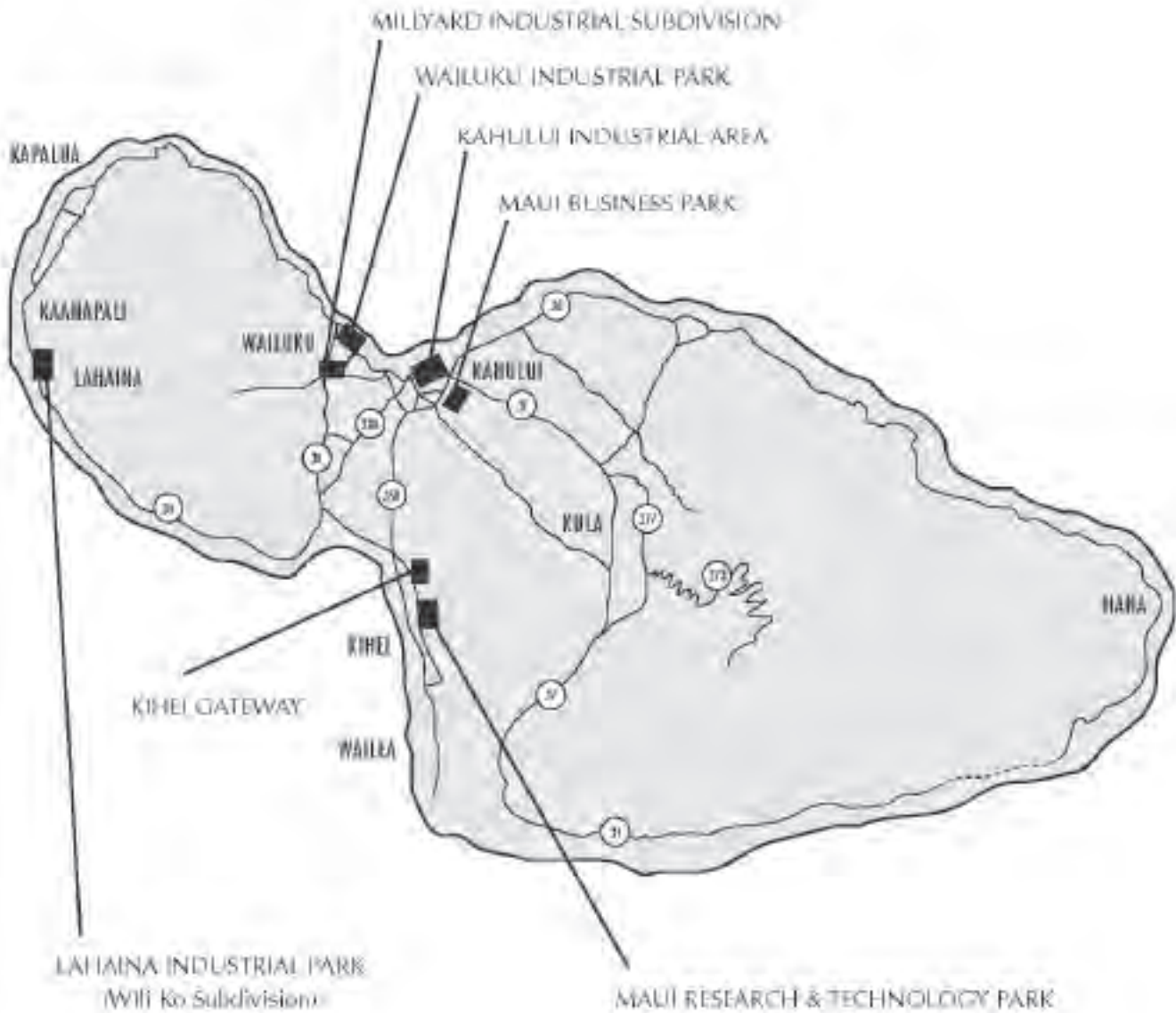
SOURCE: U.S. BUREAU OF THE CENSUS, 2007 ECONOMIC CENSUS.



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	210 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
Milkyard Subdivision	31 acres	Wailuku	Light industry and business/commercial
Kihei Gateway	30 acres	Kihei	Light industrial and commercial
Lahaina Industrial Park	11 acres	Lahaina	Commercial



SOURCE: HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, DIRECTORY OF INDUSTRIAL AND TECHNOLOGY PARKS, 1991.

11.2.1

**GENERAL EXCISE TAX BASE, MAUI COUNTY**

	2004	2005	2006	2007	2008	2009
Retailing	\$1,606,066,500	\$1,774,348,575	\$1,875,106,900	\$1,997,919,800	\$1,811,073,250	\$1,643,806,225
Services	581,463,850	702,705,700	787,649,475	829,109,750	848,982,850	769,970,400
Contracting	452,890,850	608,407,100	728,682,550	828,132,400	750,457,450	574,894,650
Theater, Amuse., Radio	21,525,925	21,634,825	24,058,650	24,109,450	22,023,375	20,127,050
Interest	14,142,100	16,235,900	20,006,825	28,052,600	4,022,925	69,075
Commissions	149,889,375	202,101,250	197,134,900	179,544,875	142,897,350	99,185,975
Hotel Rentals	400,577,025	488,579,925	570,709,300	636,500,825	605,640,475	473,888,125
All Other Rentals	295,148,025	334,799,525	383,155,925	380,013,500	373,678,075	357,225,800
Use (4%)	41,583,950	27,533,475	26,113,025	25,530,400	16,060,625	15,333,500
All Others (4%)	134,171,575	177,888,625	195,663,025	234,620,250	220,807,300	132,618,875
<b>SUB-TOTAL</b>	<b>3,697,459,175</b>	<b>4,354,234,900</b>	<b>4,808,280,575</b>	<b>5,163,533,850</b>	<b>4,795,643,675</b>	<b>4,087,119,675</b>
Insurance Solicitors	108,120,666	15,740,001	20,493,335	22,106,001	18,752,667	17,654,667
Sugar Processing	11,400	46,000	27,400	0	15,200	0
Pineapple Canning	1,535,400	2,514,000	249,000	0	0	0
Producing	20,054,400	29,502,800	25,578,600	22,979,200	23,909,600	22,727,000
Manufacturing	29,042,400	35,374,200	38,732,800	38,640,400	34,673,400	26,231,200
Wholesaling	386,196,400	467,273,400	543,429,000	546,992,600	507,465,000	415,502,600
Services (Intermediary)	45,863,000	57,378,800	84,024,800	76,914,600	85,672,400	76,842,200
Use (1/2%)	273,048,400	487,900,400	607,443,000	661,816,800	517,758,200	408,794,400
<b>SUB-TOTAL</b>	<b>863,872,066</b>	<b>1,095,729,601</b>	<b>1,319,977,936</b>	<b>1,369,449,601</b>	<b>1,188,246,467</b>	<b>967,752,067</b>
<b>GRAND TOTAL</b>	<b>4,561,331,241</b>	<b>5,449,964,501</b>	<b>6,128,258,511</b>	<b>6,532,983,451</b>	<b>5,983,890,142</b>	<b>5,054,871,742</b>

SOURCE: HAWAII STATE DEPARTMENT OF TAXATION, GENERAL EXCISE AND USE TAX BASE, CALENDAR YEARS 2004 TO 2009

## 11.2.2

**RETAIL ESTABLISHMENTS WITH EMPLOYEES  
BY TYPE AND LOCATION, 2008**

Establishment Type	Location	Number	Location	Number	Location	Number
<b>Motor vehicles &amp; parts</b>						
	Kahului	22	Lahaina	2	Wailuku	11
	Kīhei	5	Makawao	1	Kaunakakai	2
<b>Furniture &amp; home furnishing</b>						
	Haiku	3	Kula	1	Wailuku	4
	Kahului	15	Lahaina	9	Kaunakakai	1
	Kīhei	4	Makawao	2		
<b>Electronics &amp; Appliances</b>						
	Kahului	8	Lahaina	5		
	Kīhei	5	Wailuku	1		
<b>Building material &amp; garden supplies</b>						
	Haiku	1	Lahaina	7	Wailuku	6
	Kahului	24	Makawao	1	Ho'olehua	1
	Kīhei	3	Pā'ia	1	Lāna'i City	1
	Kula	1				
<b>Food &amp; beverage</b>						
	Haiku	4	Lahaina	21	Kaunakakai	6
	Hāna	2	Makawao	5	Kualapu'u	1
	Kahului	16	Pā'ia	3	Maunaloa	1
	Kīhei	12	Wailuku	7	Lāna'i City	1
	Kula	2				
<b>Health &amp; personal care</b>						
	Haiku	1	Kula	2	Wailuku	4
	Kahului	14	Lahaina	13	Kaunakakai	1
	Kīhei	8	Makawao	1		
<b>Gasoline stations</b>						
	Haiku	1	Lahaina	8	Wailuku	4
	Kahului	9	Makawao	1	Kaunakakai	1
	Kīhei	5	Pā'ia	2	Lāna'i City	1
	Kula	1				

## 11.2.2

CONTINUED

Establishment Type	Location	Number	Location	Number	Location	Number
<b>Clothing &amp; accessories</b>						
	Haiku	2	Kula	1	Wailuku	8
	Hāna	1	Lahaina	126	Kaunakakai	3
	Kahului	42	Makawao	9	Lāna'i City	1
	Kīhei	61	Pā'ia	8		
<b>Sporting goods, hobbies, books &amp; music</b>						
	Kahului	18	Makawao	3	Wailuku	5
	Kīhei	7	Pā'ia	1	Kalaupapa	1
	Lahaina	19				
<b>General merchandise</b>						
	Kahului	4	Makawao	1	Kaunakakai	4
	Lahaina	2	Wailuku	1	Lāna'i City	1
<b>Miscellaneous</b>						
	Haiku	1	Kula	4	Wailuku	14
	Hāna	1	Lahaina	67	Kaunakakai	3
	Kahului	19	Makawao	8	Lāna'i City	3
	Kīhei	22	Pā'ia	8		
<b>Nonstore retailers</b>						
	Haiku	6	Lahaina	2	Kaunakakai	1
	Kahului	1	Makawao	2	Lāna'i City	2
	Kīhei	2	Pā'ia	1		
	Kula	5	Wailuku	2		

SOURCE: U.S. CENSUS BUREAU, ZIP CODE BUSINESS PATTERNS 2008

### 11.2.3

## CHARACTERISTICS OF MAJOR SHOPPING CENTERS, MAUI COUNTY

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

SOURCE: NATIONAL RESEARCH BUREAU, 2002 DATABASE SUPPLIED TO CLARITAS, INC.

## 11.2.4

**SUMMARY OF RETAIL TRADE  
WITH EMPLOYEES BY BUSINESS GROUP,  
MAUI COUNTY, 2007**

	Establishments	Sales (\$1,000)	Annual Employees	Payroll (\$1,000)
Retail trade (NAICS 44-45)	853	2,474,819	9,861	262,007
Automobile dealers (NAICS 4411--)	14	303,543	551	29,255
Other motor vehicle dealers (NAICS 4412--)	3	19,660	69	2,946
Auto parts, accessories, & tire stores (NAICS 4413--)	27	39,355	229	7,031
Furniture stores (NAICS 4421--)	17	33,167	120	5,037
Home furnishings stores (NAICS 4422--)	26	25,851	156	4,433
Electronics and appliance stores (NAICS 4431--)	19	30,340	134	3,397
Building material and supplies dealers (NAICS 4441--)	37	183,260	624	19,187
Lawn & garden equip. & supplies stores (NAICS 4442--)	10	19,067	60	1,793
Grocery stores (NAICS 4451--)	66	459,553	1,930	47,390
Specialty food stores (NAICS 4452--)	12	13,878	81	1,440
Health and personal care stores (NAICS 4461--)	57	142,161	569	15,297
Gasoline stations (NAICS 4471--)	35	208,205	525	11,816
Clothing stores (NAICS 4481--)	165	173,958	1,350	22,631
Shoe stores (NAICS 4482--)	23	D	100-249	D
Jewelry, luggage, & leather goods stores (NAICS 4483--)	83	D	250-499	D
Sporting goods, & musical instr. stores (NAICS 4511--)	39	50,120	395	6,656
Book, periodical, and music stores (NAICS 4512--)	13	16,600	107	2,068
Department stores (NAICS 4521--)	4	D	500-999	D
Other general merchandise stores (NAICS 4529--)	14	D	250-499	D
Florists (NAICS 4531--)	14	D	20-99	D
Office supplies, stationery, & gift stores (NAICS 4532--)	82	D	500-999	D
Used merchandise stores (NAICS 4533--)	11	11,498	99	2,402
Other miscellaneous store retailers (NAICS 4539--)	54	D	250-499	D
Electronic shopping & mail-order houses (NAICS 4541--)	6	D	20-99	D
Direct selling establishments (NAICS 4543--)	13	17,657	63	2,449

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

SOURCE: U.S. BUREAU OF THE CENSUS, 2007 ECONOMIC CENSUS.

## 11.2.5

## RETAIL MERCHANDISE SALES, MAUI COUNTY AND BY CDP

NAICS	Kind of Business	No.	Sales (\$1,000)	Annual Payroll (\$1,000)	Paid Employees
44-45	Retail trade	853	2,474,819	262,007	9,861
441	Motor vehicle and parts dealers	44	362,558	39,232	849
442	Furniture and home furnishings stores	43	59,018	9,470	276
443	Electronics and appliance stores	19	30,340	3,397	134
444	Building material, garden equip. & supplies dealers	47	202,327	20,980	684
445	Food and beverage stores	85	481,142	49,167	2,032
446	Health and personal care stores	57	142,161	15,297	569
447	Gasoline stations	35	208,205	11,816	525
448	Clothing and clothing accessories stores	271	307,487	40,621	1,967
451	Sporting goods, hobby, book, and music stores	52	66,720	8,724	502
452	General merchandise stores	18	411,704	34,528	1,223
453	Miscellaneous store retailers	161	171,853	24,700	975
454	Nonstore retailers	21	31,304	4,075	125
44-45	Retail Trade by CDP				
	Haiku-Pa'uwela	13	12,292	1,813	62
	Kahului	213	1,329,037	133,058	4,591
	Kīhei	76	233,957	22,740	947
	Lahaina	208	340,015	39,052	1,583
	Makawao	24	10,223	1,770	93
	Nāpili-Honokōwai	13	32,077	2,668	123
	Pukalani	10	62,786	5,936	233
	Waihe'e-Waikapū	1	D	D	0-19
	Wailea-Mākena	63	109,446	13,372	423
	Wailuku	60	116,138	14,664	493
	Island of Moloka'i	24	40,537	4,461	252
	Island of Lāna'i	9	12,618	1,879	85
	Balance of Maui County	139	D	D	500-999

CDP: Census Designated Place

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

SOURCE: U.S. BUREAU OF THE CENSUS, 2007 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  
Felicon Enterprises, Ltd.*

Location	YEAR 2009		
	RANGE PER SQUARE FOOT PER MONTH		
	Retail	Office	Warehouse
West Maui:			
Shopping Centers	\$2.50 to \$5.00	NA	NA
Off Front Street	\$1.50 to \$3.00	\$1.25 to \$1.60	NA
Industrial Area	\$1.25 to \$1.75	\$1.00 to \$1.50	\$1.00 to \$1.75
Front Street, Lahaina	\$7.50 to \$15.00	NA	NA
Kīhei	\$1.50 to \$3.80	\$0.99 to \$2.50	\$1.50 to \$1.75
Wailuku	\$1.50 to \$2.00	\$0.75 to \$1.50	\$0.75 to \$1.25
Kahului	\$1.75 to \$2.25	\$0.89 to \$1.50	\$0.99 to \$1.25
Wailea	\$3.25 to \$5.50	\$3.00 to \$5.00	NA
Makawao	\$1.75 to \$2.50	\$1.00 to \$2.00	N/A
Common area charges (in addition to rent, per square foot rented, all areas):			
	\$0.30 to \$2.00	\$0.35 to \$1.00	\$0.35 to \$0.65

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

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

SOURCE: LOWSON AND ASSOCIATES AND FELCON ENTERPRISES, RECORDS. CURRENT PROPERTY LISTINGS CAN BE FOUND AT WWW.MAUICOMMERCIAL.COM, SPONSORED BY MEMBERS OF THE COMMERCIAL ROUND TABLE OF MAUI. LAHAINA REVISED BY MAC LOWSON, LOWSON & ASSOCIATES 12/09/09  
CENTRAL & KĪHEI, MAUI REVISED BY FELIX OSORNO, FELCON ENTERPRISES, LTD. : PENDING 12/10/2009



## 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	Number of Employees	Annual Payroll (\$1,000)
<b>Forestry, fishing, hunting, &amp; Agriculture Support</b>	<b>4</b>	<b>0-19</b>	<b>D</b>
<b>Mining, quarrying, &amp; oil &amp; gas extraction</b>	<b>1</b>	<b>20-99</b>	<b>D</b>
<b>Utilities</b>	<b>14</b>	<b>445</b>	<b>34,121</b>
<b>Construction</b>	<b>518</b>	<b>3,852</b>	<b>200,281</b>
Construction of buildings	186	1,146	58,150
Heavy & civil engineering construction	22	100-249	10,393
Specialty trade contractors	310	2,542	131,738
<b>Manufacturing</b>	<b>112</b>	<b>1,171</b>	<b>43,982</b>
Food manufacturing	30	676	23,649
Beverage & tobacco product manufacturing	6	50	1,325
Textile product mills	4	0-19	207
Apparel manufacturing	4	0-19	164
Wood product manufacturing	6	20-99	D
Printing & related support activities	13	84	2,802
Chemical manufacturing	7	20-99	982
Plastics & rubber products manufacturing	2	0-19	D
Nonmetallic mineral product manufacturing	8	100-249	D
Fabricated metal product manufacturing	6	14	587
Transportation equipment manufacturing	1	0-19	D
Furniture & related product manufacturing	9	20-99	772
Miscellaneous manufacturing	16	20-99	694
<b>Wholesale trade</b>	<b>153</b>	<b>1,334</b>	<b>58,384</b>
Merchant wholesalers, durable goods	61	435	20,679
Merchant wholesalers, nondurable goods	80	858	36,550
Wholesale electronic markets & agents & brokers	12	41	1,155
<b>Retail trade</b>	<b>823</b>	<b>9,993</b>	<b>260,291</b>
Motor vehicle & parts dealers	42	800	32,767
Furniture & home furnishings stores	39	290	9,272
Electronics & appliance stores	19	118	3,387
Bldg material & garden equipment & supplies	48	701	22,057
Food & beverage stores	82	1,854	47,263
Health & personal care stores	49	565	15,808
Gasoline stations	33	460	11,376
Clothing & clothing accessories stores	268	2,098	39,452
Sporting goods, hobby, book, & music stores	54	670	11,586
General merchandise stores	15	1,324	37,383
Miscellaneous store retailers	149	973	24,727
Nonstore retailers	25	140	5,213
<b>Transportation &amp; warehousing</b>	<b>145</b>	<b>3,078</b>	<b>84,137</b>
Air transportation	11	995	21,564
Water transportation	2	20-99	D
Truck transportation	33	363	14,837
Transit & ground passenger transportation	19	242	3,929
Pipeline transportation	1	0-19	D
Scenic & sightseeing transportation	48	1,069	28,903

### 11.3.1

CONTINUED

Industry	Number of Establishments	Number of Employees	Annual Payroll (\$1,000)
Support activities for transportation	17	176	5,878
Couriers & messengers	12	144	4,685
Warehousing & storage	2	20-99	D
<b>Information</b>	<b>75</b>	<b>735</b>	<b>30,865</b>
Publishing industries (except Internet)	22	228	10,530
Motion picture & sound recording industries	16	131	1,886
Broadcasting (except Internet)	6	127	4,810
Telecommunications	27	239	13,422
Data processing, hosting & related services	3	0-19	D
Other information services	1	0-19	D
<b>Finance &amp; insurance</b>	<b>177</b>	<b>908</b>	<b>37,499</b>
Credit intermediation & related activities	114	666	25,082
Securities, commodity contracts, investments	16	99	5,219
Insurance carriers & related activities	47	143	7,198
<b>Real estate &amp; rental &amp; leasing</b>	<b>322</b>	<b>3,014</b>	<b>106,594</b>
Real estate	232	1,661	74,912
Rental & leasing services	90	1,000-2,499	31,682
<b>Professional, scientific, &amp; technical services</b>	<b>376</b>	<b>1,487</b>	<b>68,344</b>
<b>Management of companies &amp; enterprises</b>	<b>16</b>	<b>521</b>	<b>24,384</b>
<b>Administrative Support &amp; Waste Management</b>	<b>283</b>	<b>4,515</b>	<b>127,960</b>
Administrative & support services	266	4,248	118,865
Waste management & remediation services	17	267	9,095
<b>Educational services</b>	<b>73</b>	<b>853</b>	<b>23,488</b>
<b>Health care &amp; social assistance</b>	<b>385</b>	<b>6,010</b>	<b>292,159</b>
Ambulatory health care services	279	2,507	138,275
Hospitals	2	1,000-2,499	D
Nursing & residential care facilities	20	691	24,541
Social assistance	84	1,608	39,920
<b>Arts, entertainment, &amp; recreation</b>	<b>109</b>	<b>1,849</b>	<b>46,113</b>
Performing arts, spectator sports, & related	42	594	15,345
Museums, historical sites, & similar institutions	10	183	4,933
Amusement, gambling, & recreation industries	57	1,072	25,835
<b>Accommodation &amp; food services</b>	<b>515</b>	<b>22,628</b>	<b>650,699</b>
Accommodation	89	13,018	467,524
Food services & drinking places	426	9,610	183,175
<b>Other services (except public administration)</b>	<b>459</b>	<b>2,973</b>	<b>76,045</b>
Repair & maintenance	81	452	15,861
Personal & laundry services	101	904	18,247
Religious, Grantmaking, Civic, Professional Orgs	277	1,617	41,937
<b>Industries not classified</b>	<b>4</b>	<b>3</b>	<b>98</b>
<b>Total for all sectors</b>	<b>4,564</b>	<b>65,395</b>	<b>2,167,549</b>

S: Withheld because estimate did not meet publication standards

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

SOURCE: U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS, *COUNTY BUSINESS PATTERNS 2008*.

## 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>Forestry, fishing, hunting, &amp; agriculture Support</b>	<b>4</b>	<b>269</b>	<b>675,816</b>
<b>Mining, quarrying, &amp; oil &amp; gas extraction</b>	<b>1</b>	<b>4</b>	<b>833</b>
<b>Utilities</b>	<b>14</b>	<b>10</b>	<b>1,032</b>
<b>Construction</b>	<b>518</b>	<b>1,381</b>	<b>119,931</b>
Construction of buildings	186	388	43,663
Heavy & civil engineering construction	22	26	4,509
Specialty trade contractors	310	967	71,759
<b>Manufacturing</b>	<b>112</b>	<b>317</b>	<b>15,332</b>
Food manufacturing	30	34	1,956
Beverage & tobacco product manufacturing	6	D	D
Textile product mills	4	D	D
Apparel manufacturing	4	27	549
Wood product manufacturing	6	38	1,332
Printing & related support activities	13	15	1,067
Chemical manufacturing	7	6	434
Plastics & rubber products manufacturing	2	D	D
Nonmetallic mineral product manufacturing	8	21	394
Fabricated metal product manufacturing	6	15	433
Transportation equipment manufacturing	1	D	D
Furniture & related product manufacturing	9	27	2,334
Miscellaneous manufacturing	16	110	5,798
<b>Wholesale trade</b>	<b>153</b>	<b>338</b>	<b>22,700</b>
Merchant wholesalers, durable goods	61	162	11,231
Merchant wholesalers, nondurable goods	80	155	10,899
Wholesale electronic markets & agents & brokers	12	21	570
<b>Retail trade</b>	<b>823</b>	<b>1,101</b>	<b>64,115</b>
Motor vehicle & parts dealers	42	29	3,620
Furniture & home furnishings stores	39	23	2,773
Electronics & appliance stores	19	11	1,136
Bldg material & garden equipment & supplies	48	18	886
Food & beverage stores	82	45	7,281
Health & personal care stores	49	50	2,612
Gasoline stations	33	4	68
Clothing & clothing accessories stores	268	133	9,959
Sporting goods, hobby, book, & music stores	54	52	3,326
General merchandise stores	15	26	2,123
Miscellaneous store retailers	149	223	17,708
Nonstore retailers	25	487	12,623
<b>Transportation &amp; warehousing</b>	<b>145</b>	<b>331</b>	<b>12,685</b>
Air transportation	11	12	406
Water transportation	2	D	D
Truck transportation	33	49	3,574
Transit & ground passenger transportation	19	169	5,362

## 11.3.2

CONTINUED

Industry	Establishments with Employees	Establishments Non-Employer	Gross Receipts Non-Employer (\$1,000)
Scenic & sightseeing transportation	48	14	881
Support activities for transportation	17	28	1,257
Couriers & messengers	12	52	796
Warehousing & storage	2	4	187
<b>Information</b>	<b>75</b>	<b>159</b>	<b>7,865</b>
Publishing industries (except Internet)	22	35	2,732
Motion picture & sound recording industries	16	56	1,343
Broadcasting (except Internet)	6	6	487
Telecommunications	27	13	2,025
Data processing, hosting & related services	3	14	308
Other information services	1	35	970
<b>Finance &amp; insurance</b>	<b>177</b>	<b>301</b>	<b>13,275</b>
Credit intermediation & related activities	114	72	2,452
Securities, commodity contracts, investments	16	54	1,195
Insurance carriers & related activities	47	D	D
<b>Real estate &amp; rental &amp; leasing</b>	<b>322</b>	<b>1,700</b>	<b>112,108</b>
Real estate	232	1,624	104,356
Rental & leasing services	90	74	7,470
<b>Professional, scientific, &amp; technical services</b>	<b>376</b>	<b>1,795</b>	<b>70,438</b>
<b>Administrative Support &amp; Waste Management</b>	<b>283</b>	<b>1,634</b>	<b>44,148</b>
Administrative & support services	266	1,627	43,632
Waste management & remediation services	17	7	516
<b>Educational services</b>	<b>73</b>	<b>281</b>	<b>7,188</b>
<b>Health care &amp; social assistance</b>	<b>385</b>	<b>986</b>	<b>34,814</b>
Ambulatory health care services	279	648	28,297
Nursing & residential care facilities	20	35	1,060
Social assistance	84	303	5,457
<b>Arts, entertainment, &amp; recreation</b>	<b>109</b>	<b>1,591</b>	<b>44,423</b>
Performing arts, spectator sports, & related	42	1,372	27,794
Museums, historical sites, & similar institutions	10	5	153
Amusement, gambling, & recreation industries	57	214	16,476
<b>Accommodation &amp; food services</b>	<b>515</b>	<b>263</b>	<b>18,539</b>
Accommodation	89	75	4,809
Food services & drinking places	426	188	13,730
<b>Other services (except public administration)</b>	<b>459</b>	<b>2,493</b>	<b>79,518</b>
Repair & maintenance	81	647	23,709
Personal & laundry services	101	1,755	54,274
Religious, Grantmaking, Civic, Professional Orgs	277	91	1,535
<b>Total for all sectors</b>	<b>4,564</b>	<b>14,954</b>	<b>675,816</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 2008.

### 11.3.3

## LARGEST PRIVATE CORPORATIONS, MAUI COUNTY

Company	State Rank		Sales (\$ million)		Employees
	2009	2008	2008	2007	
Jim Falk Automotive Group	37	29	226.2	269.4	302
Grand Wailea Hotel & Spa	49	47	172.0	199.0	1,400
The Fairmont Hotels Hawai'i	57	99	152.2	180	1,220
Hyatt Regency Maui Resort & Spa LLC	76	69	125.0	140.0	800
Four Seasons Resort	80	77	116.0	130.0	650
TS Restaurants of Hawaii & Calif.	87	92	107.4	110.7	1,750
Dorvin D. Leis Co. Inc.	88	87	105.2	117.3	314
Hawai'i Petroleum Inc.	90	117	104.0	87.1	33
Maui Petroleum Inc.	115	133	80.1	70.5	15
Maui Land & Pineapple Co. Inc.	116	64	78.0	154.1	800
VIP Foodservice	130	137	70.0	68.0	133
MINIT STOP Stores	154	165	53.4	50.4	174
Wailea Beach Marriott Resort & Spa	166	na	46.4	38.5	403
Maui Toyota/Scion	175	146	43.9	60.6	51
Hale Makua	203	218	33.0	32.0	501
Maui Medical Group Inc.	207	225	32.3	29.0	268
Maui Clothing Co. Inc.	247	249	21.6	23.8	139

SOURCE: "TOP 250," HAWAII BUSINESS, AUGUST 2009.

### 11.3.4

## CHARACTERISTICS OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES, MAUI COUNTY

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

Characteristics	2007		2008	
	State Total	Maui	State Total	Maui
Number	33,388	4,663	32,904	4,564
Employees	519,060	65,960	518,168	65,395
Payroll, 1st quarter (\$1,000)	4,501,332	555,854	4,667,451	552,656
Annual payroll (\$1,000)	18,306,259	2,262,238	18,539,010	2,167,549

SOURCE: U.S. CENSUS BUREAU, 2008 COUNTY BUSINESS PATTERNS

### 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	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	29,995	3,766
1998	29,603	3,746
1999	29,569	3,790
2000	29,853	3,889
2001	30,853	3,955
2002	30,633	4,104
2003	31,061	4,203
2004	31,605	4,295
2005	32,244	4,422
2006	33,118	4,584
2007	33,388	4,663
2008	32,904	4,564

SOURCE: U.S. CENSUS BUREAU, COUNTY BUSINESS PATTERNS

## 11.3.6

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

Geography	Number of establishments	Sales, Shipments, Receipts, or revenue (\$1,000)	Number of employees	Annual Payroll (\$1,000)
<b>Professional, Scientific, and Technical Services</b>				
Maui County	371	182,777	1,419	63,862
Haiku-Pa'uwela	18	3,664	32	917
Kahului	43	23,970	243	8,221
Moloka'i	2	D	0-19	D
Kihei	59	44,421	267	14,809
Lahaina	21	9,031	80	2,595
Lāna'i	2	D	0-19	D
Makawao	14	4,171	25	1,019
Nāpili-Honokōwai	2	D	0-19	D
Pukalani	11	2,513	26	928
Wailea-Mākena	17	3,128	17	633
Wailuku	128	72,341	572	27,159
Balance of Maui County	53	D	100-249	D
<b>Administrative, Support, and Waste Management</b>				
Maui County	296	379,480	5,922	181,676
Haiku-Pa'uwela	16	9,871	112	3,019
Kahului	51	124,994	2,619	85,135
Moloka'i	5	1,817	10	283
Kihei	50	30,758	177	7,763
Lahaina	25	60,055	779	26,060
Lāna'i	8	1,899	26	584
Makawao	12	6,714	273	4,229
Nāpili-Honokōwai	9	2,088	24	485
Pukalani	13	34,936	745	25,117
Wailea-Mākena	14	3,257	62	1,295
Wailuku	46	74,655	807	20,597
Balance of Maui County	43	28,176	281	7,030
<b>Educational Services</b>				
Maui County	59	D	250-499	D
Haiku-Pa'uwela	5	2,548	18	464
Kahului	9	2,092	34	541
Moloka'i	1	D	0-19	D
Kihei	11	4,136	65	1,380
Lahaina	7	4,479	47	1,448
Lāna'i	1	D	0-19	D
Makawao	3	D	20-99	D
Nāpili-Honokōwai	2	D	0-19	D
Pukalani	1	D	0-19	D
Wailea-Mākena	3	D	0-19	D
Wailuku	5	D	20-99	D
Balance of Maui County	9	D	20-99	D
<b>Health Care and Social Assistance</b>				
Maui County	387	619,801	5,899	282,048
Haiku-Pa'uwela	7	2,319	16	699
Kahului	96	159,272	1,529	64,950
Moloka'i	25	18,879	304	8,289
Kihei	39	31,602	385	11,764
Lahaina	19	16,499	140	6,232
Lāna'i	8	4,514	43	1,583
Makawao	13	6,262	84	2,793

## 11.3.6

CONTINUED

Geography	Number of establishments	Sales, Shipments, Receipts, or revenue (\$1,000)	Number of employees	Annual Payroll (\$1,000)
Nāpili-Honokōwai	7	D	20-99	D
Pukalani	10	D	20-99	D
Wailea-Mākena	3	D	0-19	D
Wailuku	121	343,298	2,990	169,115
Balance of Maui County	39	D	250-499	D
<b>Arts, Entertainment, and Recreation</b>				
Maui County	108	149,526	1,949	47,295
Haiku-Pa'uwela	9	D	20-99	D
Kahului	13	17,438	376	5,823
Moloka'i	4	3,026	34	805
Kīhei	10	11,283	177	3,513
Lahaina	13	37,112	558	15,639
Makawao	4	1,307	13	421
Nāpili-Honokōwai	2	D	0-19	D
Pukalani	5	D	20-99	D
Wailea-Mākena	11	23,488	205	6,247
Wailuku	7	2,293	53	668
Balance of Maui County	30	D	250-499	D
<b>Accommodation and Foodservice</b>				
Maui County	529	2,452,167	21,927	630,087
Haiku-Pa'uwela	7	3,612	62	915
Kahului	94	D	1,000-2,499	D
Moloka'i	14	7,979	194	2,194
Kīhei	94	109,684	1,578	28,825
Lahaina	97	205,778	2,798	55,548
Lāna'i	13	D	1,000-2,499	D
Makawao	11	13,256	262	4,442
Nāpili-Honokōwai	16	30,672	409	7,772
Pukalani	8	6,234	122	1,389
Wailea-Mākena	33	716,329	6,171	208,360
Wailuku	57	25,466	418	6,828
Balance of Maui County	80	D	5,000-9,999	D
<b>Other Services (except public administration)</b>				
Maui County	389	227,087	2,352	60,615
Haiku-Pa'uwela	6	1,596	20	490
Kahului	66	51,335	627	15,279
Moloka'i	11	D	20-99	D
Kīhei	73	24,255	270	6,518
Lahaina	54	32,940	332	7,793
Lāna'i	2	D	0-19	D
Makawao	3	D	0-19	D
Nāpili-Honokōwai	14	D	20-99	D
Pukalani	3	D	0-19	D
Wailea-Mākena	29	26,858	292	7,053
Wailuku	68	36,580	304	9,245
Balance of Maui County	58	D	250-499	D

D: Withheld to avoid disclosing data for individual companies.

SOURCE: U.S. BUREAU OF THE CENSUS, 2007 ECONOMIC CENSUS.



## 11.3.7

## SERVICE ESTABLISHMENTS WITH EMPLOYEES BY TYPE AND LOCATION, 2008

Establishment Type		Location	Number	Location	Number	Location	Number
<b>Professional, Scientific, &amp; Tech Services</b>							
	Haiku	21	Kula	21	Wailuku	133	
	Hāna	2	Lahaina	38	Ho'olehua	1	
	Kahului	44	Makawao	30	Kaunakakai	2	
	Kīhei	71	Pā'ia	9	Lāna'i City	1	
<b>Management of Companies</b>							
	Kahului	8	Kīhei	2	Lahaina	6	
<b>Administrative &amp; Support</b>							
	Haiku	21	Lahaina	39	Kaunakakai	3	
	Kahului	44	Makawao	22	Lāna'i City	7	
	Kīhei	59	Pā'ia	3			
	Kula	9	Wailuku	51			
<b>Waster Management &amp; Remediation</b>							
	Haiku	1	Makawao	2	Maunaloa	2	
	Kahului	3	Wailuku	3	Lāna'i City	1	
	Kīhei	1	Ho'olehua	1			
<b>Educational Services</b>							
	Haiku	8	Kula	2	Wailuku	6	
	Hāna	1	Lahaina	14	Kaunakakai	2	
	Kahului	12	Makawao	9	Lāna'i City	1	
	Kīhei	16	Pā'ia	2			
<b>Ambulatory Health Care</b>							
	Haiku	6	Kula	10	Wailuku	97	
	Hāna	1	Lahaina	24	Kaunakakai	9	
	Kahului	73	Makawao	22	Kualapu'u	1	
	Kīhei	29	Pā'ia	4	Lāna'i City	3	
<b>Hospitals</b>							
	Wailuku	1	Kaunakakai	1			
<b>Nursing &amp; Residential Care</b>							
	Kahului	4	Makawao	3	Kaunakakai	2	
	Kīhei	2	Wailuku	7	Lāna'i City	1	
	Lahaina	1					
<b>Social Assistance</b>							
	Hāna	2	Lahaina	4	Ho'olehua	2	
	Kahului	13	Makawao	5	Kaunakakai	5	
	Kīhei	9	Pā'ia	2	Kualapu'u	2	
	Kula	3	Wailuku	29	Lāna'i City	4	
<b>Performing Arts, Spectator Sports, &amp; Related</b>							
	Haiku	8	Kula	3	Pā'ia	2	
	Hāna	3	Lahaina	9	Wailuku	3	
	Kīhei	7	Makawao	6			

### 11.3.7

CONTINUED

<b>Establishment Type</b>		<b>Location</b>	<b>Number</b>	<b>Location</b>	<b>Number</b>	<b>Location</b>	<b>Number</b>
<b>Museums, Historical Sites, &amp; Related</b>							
	Hāna	2	Lahaina	1	Wailuku	2	
	Kahului	1	Makawao	1	Kualapu'u	1	
	Kula	1					
<b>Amusement, Gambling, and Recreation</b>							
	Haiku	3	Kula	2	Wailuku	3	
	Hāna	1	Lahaina	14	Kaunakakai	1	
	Kahului	9	Makawao	4	Maunaloa	1	
	Kīhei	15	Pā'ia	4			
<b>Accommodation</b>							
	Haiku	3	Kula	2	Kaunakakai	3	
	Hāna	4	Lahaina	41	Maunaloa	1	
	Kahului	2	Makawao	1	Lāna'i City	5	
	Kīhei	23	Wailuku	3			
<b>Food Service</b>							
	Haiku	6	Kula	4	Wailuku	64	
	Hāna	1	Lahaina	117	Kaunakakai	9	
	Kahului	90	Makawao	13	Kualapu'u	1	
	Kīhei	100	Pā'ia	12	Lāna'i City	7	
<b>Repair &amp; Maintenance</b>							
	Haiku	2	Kula	3	Wailuku	28	
	Kahului	41	Lahaina	6	Ho'olehua	1	
	Kīhei	7	Makawao	2			
<b>Personal &amp; Laundry Services</b>							
	Haiku	4	Kula	3	Pā'ia	1	
	Kahului	17	Lahaina	21	Wailuku	17	
	Kīhei	22	Makawao	4	Kalaupapa	1	
<b>Religious, Civic, &amp; Professional Orgs.</b>							
	Haiku	6	Lahaina	73	Ho'olehua	3	
	Hāna	3	Makawao	7	Kaunakakai	10	
	Kahului	21	Pā'ia	4	Maunaloa	1	
	Kīhei	86	Wailuku	46	Lāna'i City	3	
	Kula	9					

SOURCE: U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS, *ZIP CODE BUSINESS PATTERNS 2008*.

## 11.3.8

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

NAICS	Industry	Employer Establishments	Sales (\$1,000)	NonEmployer Establishments	Sales (\$1,000)
----	<b>Total</b>	X	X	15,381	716,284
11	Forestry, fishing & hunting, and agricultural support services			258	6,605
21	Mining	X	X	4	1,110
22	Utilities	X	X	D	D
23	Construction	X	X	1,496	124,326
31-33	Manufacturing	X	X	322	18,175
42	Wholesale trade	139	575,929	362	20,873
44-45	Retail trade	853	2,474,819	1,119	71,257
48-49	Transportation & warehousing	X	X	336	15,856
51	Information	75	N	170	7,060
52	Finance & insurance (not published for counties)	X	X	330	17,589
53	Real estate & rental & leasing	319	594,115	1,819	125,355
54	Professional, scientific, & technical services	X	X	1,906	73,949
55	Management of companies & enterprises	X	X		
56	Adm. & support & waste mgmt. & remediation service	X	X	1,487	41,619
61	Educational services	X	X	266	6,386
62	Health care & social assistance	X	X	948	31,273
71	Arts, entertainment, & recreation	108	149,526	1,785	48,147
72	Accommodation & food services	526	2,452,167	259	20,257
81	Other services (except public administration)	X	X	2,507	86,056

D: Withheld to avoid disclosing data of individual companies.

N: Not available or not comparable.

X: Not published for counties.

SOURCE: U.S. CENSUS BUREAU, 2007 ECONOMIC CENSUS, 2007 ECONOMIC CENSUS OF ISLAND AREAS, AND 2007 NONEMPLOYER STATISTICS.

## TABLES ADDED TO THE 2010 DATA BOOK

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Table 1.3.14 ..... Maui County Total Resident Population Projections by 5-Year Age Group, 2005-2035  
Table 1.3.15 ..... Economic Projections, Maui County, 2007-2035

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## TABLES OMITTED FROM THE 2010 DATA BOOK

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Table 4.4.2 ..... Top 20 County Positions Recruited  
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