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# **MAUI COUNTY DATA BOOK**

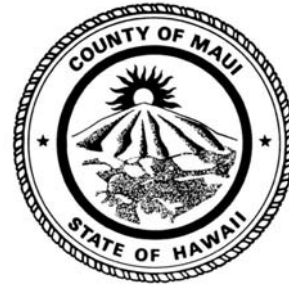
## **2015**

COUNTY OF MAUI  
OFFICE OF ECONOMIC DEVELOPMENT

HAWAI'I SMALL BUSINESS DEVELOPMENT CENTER  
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## OFFICE OF THE MAYOR

County of Maui  
200 South High Street  
Wailuku, Maui, Hawaii 96793

### A MESSAGE FROM MAYOR ALAN M. ARAKAWA

Aloha kākou –

On behalf of the people of the County of Maui, it is my pleasure to present the 2015 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 demographics and 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.

The valuable information contained in the 2015 Maui County Data Book is possible through the vital working partnership of the Hawai‘i Small Business Development Center Network’s Hawai‘i Business Research Library in Kihei and the Maui County Office of Economic Development. Together they provide the most up-to-date data that is 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 2015 edition is available online at our Maui County Website at [www.mauicounty.gov/oed/links](http://www.mauicounty.gov/oed/links), and at the Hawai‘i Business Research Library’s Website:

[www.hisbdc.org/BusinessResearchLibrary/MauiCountyDataBook2015.aspx](http://www.hisbdc.org/BusinessResearchLibrary/MauiCountyDataBook2015.aspx).

We hope you use this resource often to help you start-up, grow and expand upon your business ideas.

Sincerely,

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

**ALAN M. ARAKAWA**  
Mayor, County of Maui

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This publication has been compiled under the direction of the Maui County Office of Economic Development and 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 SBAHQ-16-B-0048. 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.

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Copies of this book are available from:  
Hawai'i Business Research Library  
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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.hisbdc.org/BusinessResearchLibrary/MauiCountyDataBook2015.aspx>

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

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## ABOUT THIS EDITION

We hope you find the 2015 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 twenty-fourth edition of the Data Book is produced by the Hawai'i Small Business Development Center (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.hisbdc.org/BusinessResearchLibrary/MauiCountyDataBook2015.aspx>). 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 Hawai'i Data Book (<http://dbedt.hawaii.gov/economic/databook/>) annually through the Hawai'i State Department of Business, Economic Development and Tourism. The Hawai'i State Office of Hawaiian Affairs publishes the Native Hawaiian Data Book (<http://www.ohadatabook.com>).

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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## VISITOR INDUSTRY & RECREATION

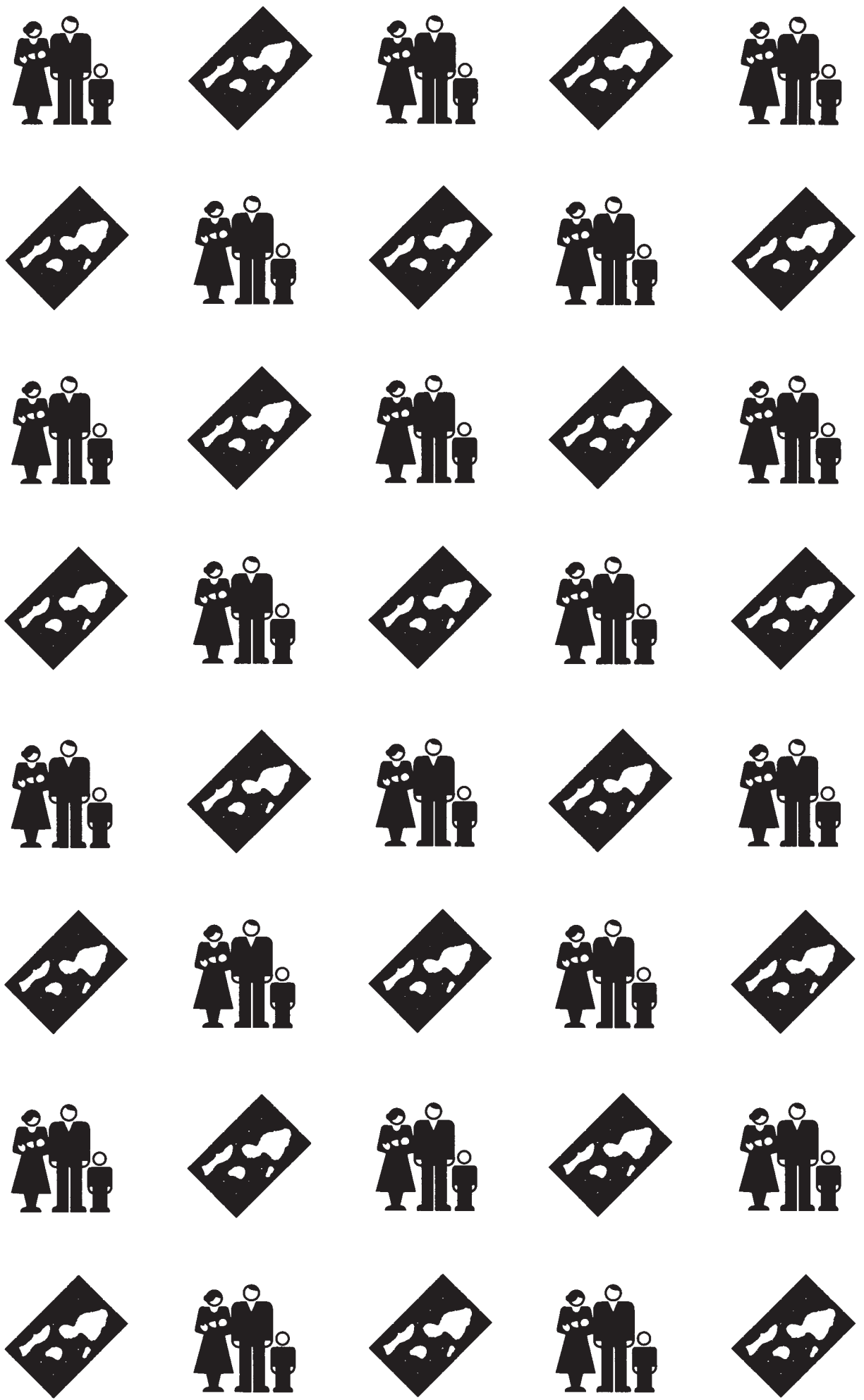
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# General Statistics



## 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 resident population, de facto population (the number of people actually in the county), district, density, age, race and sex.

Population statistics are based on the 2010 census figures modified by provisional estimates supplied by the American Community Survey, also a product of the U.S. Census Bureau.

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. Census Bureau, 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	2010	2011	2012	2013	2014	2015	% Change 15/14	% Change 10/15
Resident Population <sup>1</sup>	Number	July 1	154,834	156,801	158,510	160,947	163,398	164,726	0.8%	6.4%
Civilian Labor Force	Number	An. Avg.	78,950	80,500	79,250	79,800	82,650	84,250	1.9%	6.7%
Employed	Number	An. Avg.	72,200	74,150	74,150	75,650	78,900	81,050	2.7%	12.3%
Unemployed	Number	An. Avg.	6,750	6,400	5,100	4,100	3,750	3,150	-16.0%	-53.3%
Percent Unemployed	Percent	An. Avg.	8.5	7.9	6.4	5.1	4.5	3.8	-15.6%	-55.3%
Total Job Count <sup>2</sup>	Number	An. Avg.	64,600	65,700	68,000	69,900	71,400	73,100	2.4%	13.2%
Gross Business Receipts	Mil. \$	Total	4,989.5	5,500.9	5,649.0	5,617.2	5,608.8	5,738.4	2.3%	15.0%
State Tax Collections	Thous. \$	Total	304,900	298,286	374,750	385,233	366,718	404,644	10.3%	32.7%
County Tax Collections <sup>3</sup>	Thous. \$	Total	261,331	244,852	238,829	246,315	255,440	268,178	5.0%	2.6%
Tourism <sup>4</sup>										
Estimated Domestic Visitors	Thous.	Total	1,828	1,869	1,953	1,959	2,005	2,109	5.2%	15.4%
Estimated International Visitors	Thous.	Total	295	342	401	443	445	457	2.7%	54.9%
Hotel Inventory	Number	An. Avg.	20,383	21,745	20,441	18,691	18,694	21,413	14.5%	5.1%
Hotel Occupancy	Percent	An. Avg.	68.1	70.1	72.4	71.7	72.0	NA	NA	NA
Single Family Home Sales <sup>5</sup>	Number	Total	814	898	933	980	943	1,089	15.5%	33.8%
Condominium Sales <sup>5</sup>	Dollars	Median	460,000	433,500	470,000	530,000	570,000	580,000	1.8%	26.1%
	Number	Total	1,147	1,155	1,248	1,334	1,199	1,199	0.0%	4.5%
	Dollars	Median	377,500	310,000	358,995	374,500	415,000	410,000	-1.2%	8.6%
Household Income	Dollars	Median	60,617	60,147	61,207	65,558	67,013	NA	NA	NA
Per Capita Income <sup>6</sup>	Dollars	Total	35,006	36,194	38,240	37,831	39,439	NA	NA	NA
Monthly Mortgage Payment	Dollars	Median	2,479	2,309	2,325	2,261	2,164	NA	NA	NA
Monthly Rent	Dollars	Median	1,287	1,173	1,241	1,292	1,238	NA	NA	NA
Private Building Permits	Thous. \$	Total	194,607	243,683	366,994	325,014	443,617	731,491	64.9%	275.9%

1. Revised estimates by the U.S. Census Bureau for 2009 to 2013.

2. Refers to number of jobs rather than number of persons employed (self-employed not counted in jobs count). Revised data for 2009.

3. Fiscal year ending June 30. Revised data for 2011 to 2013.

4. Revised data for 2009 to 2013. Preliminary data for 2015.

5. Revised data.

6. Includes Kalaupoo. In current dollars, not adjusted for inflation.

NA: Not available

1.1.2

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

<b>Category</b>	<b>Maui County</b>	<b>State of Hawai'i</b>
<b>Population</b>		
Population estimates, July 1, 2015	164,637	1,431,603
Population, percent change, April 1, 2010 to July 1, 2015	6.3%	5.2%
Population, Census, April 1, 2010	154,834	1,360,301
Persons under 5 years, percent, July 1, 2014	6.2%	6.4%
Persons under 18 years, percent, July 1, 2014	22.3%	21.7%
Persons 65 years and over, percent, July 1, 2014	15.1%	16.1%
Female persons, percent, July 1, 2014	49.7%	49.4%
White alone, percent, July 1, 2014 <sup>(a)</sup>	35.9%	26.7%
Black or African American alone, percent, July 1, 2014 <sup>(a)</sup>	0.9%	2.5%
American Indian and Alaska Native alone, percent, July 1, 2014 <sup>(a)</sup>	0.6%	0.4%
Asian alone, percent, July 1, 2014 <sup>(a)</sup>	28.7%	37.5%
Native Hawaiian and Other Pacific Islander alone, percent, July 1, 2014 <sup>(a)</sup>	10.7%	10.0%
Two or more races, percent, July 1, 2014	23.2%	23.0%
Hispanic or Latino, percent, July 1, 2014 <sup>(b)</sup>	11.0%	10.1%
White alone, not Hispanic or Latino, percent, July 1, 2014	31.3%	23.0%
<b>General</b>		
Living in same house 1 year ago, percent of persons age 1 year+, 2010-2014	84.0%	85.0%
Foreign born persons, percent, 2010-2014	17.7%	17.9%
Language other than English spoken at home, pct age 5+, 2010-2014	21.1%	25.3%
High school graduate or higher, percent of persons age 25+, 2010-2014	90.6%	90.7%
Bachelor's degree or higher, percent of persons age 25+, 2010-2014	25.6%	30.5%
Veterans, 2010-2014	9,635	112,217
Mean travel time to work (minutes), workers age 16+, 2010-2014	21.1	26.4
<b>Housing</b>		
Housing units, July 1, 2014	71,467	530,106
Owner-occupied housing unit rate, 2010-2014	57.3%	57.1%
Median value of owner-occupied housing units, 2010-2014	\$510,300	\$504,500
Households, 2010-2014	53,131	450,299
Persons per household, 2010-2014	2.94	3.00
Per capita income in past 12 months (in 2014 dollars), 2010-2014	\$29,499	\$29,552
Median household income (in 2014 dollars), 2010-2014	\$64,567	\$68,201
Persons in poverty, percent <sup>2</sup>	13.1%	11.4%
Persons below poverty level, percent, 2009-2013	10.60%	11.20%

## 1.1.2

## CONTINUED

Category	Maui County	State of Hawai'i
<b>Business</b>		
Total employer establishments, 2014	4,499	31,801 <sup>1</sup>
Total employment, 2014	63,429	519,130 <sup>1</sup>
Total employment, percent change, 2013-2014	4.5%	3.3% <sup>1</sup>
Total nonemployer establishments, 2013	15,150	98,490
All firms, 2012	17,146	118,454
Men-owned firms, 2012	8,126	60,409
Women-owned firms, 2012	6,791	44,453
Minority-owned firms, 2012	6,782	74,208
Nonminority-owned firms, 2012	9,341	38,510
Veteran-owned firms, 2012	1,575	11,148
Nonveteran-owned firms, 2012	14,447	101,334
Total manufacturers shipments, 2012 (\$1000)	D	D
Total merchant wholesaler sales, 2012 (\$1000)	714,580	9,607,982
Total retail sales, 2012 (\$1000)	D	18,901,745
Total retail sales per capita, 2012	NA	\$13,576
Total accommodation and food services sales, 2012 (\$1000)	2,307,504	9,536,706
Building permits, 2014	338	3,066
<b>Geography</b>		
Land area in square miles, 2010	1,161.52	6,422.63
Population per square mile, 2010	133.3	211.8
FIPS Code	15009	15

1. Includes data not distributed by county.

2. This geographic level of poverty is not comparable to other geographic levels of these estimates.

(a) Includes persons reporting only one race.

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

D: Suppressed to avoid disclosure of confidential information

NA: Not available

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



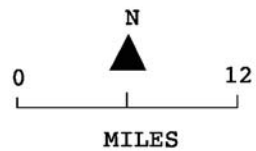
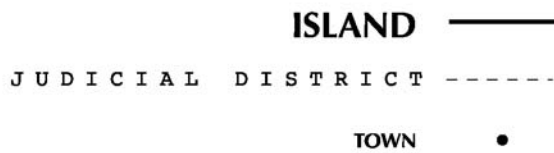
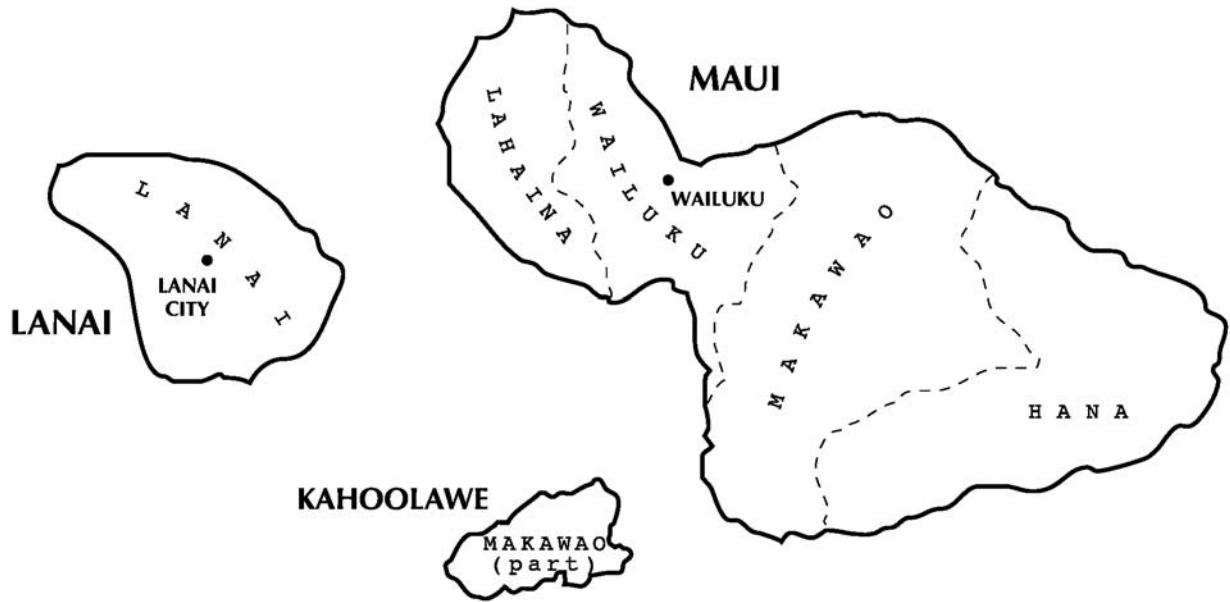
1.2.1

MAUI COUNTY AND DISTRICTS



MOLOKAI

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

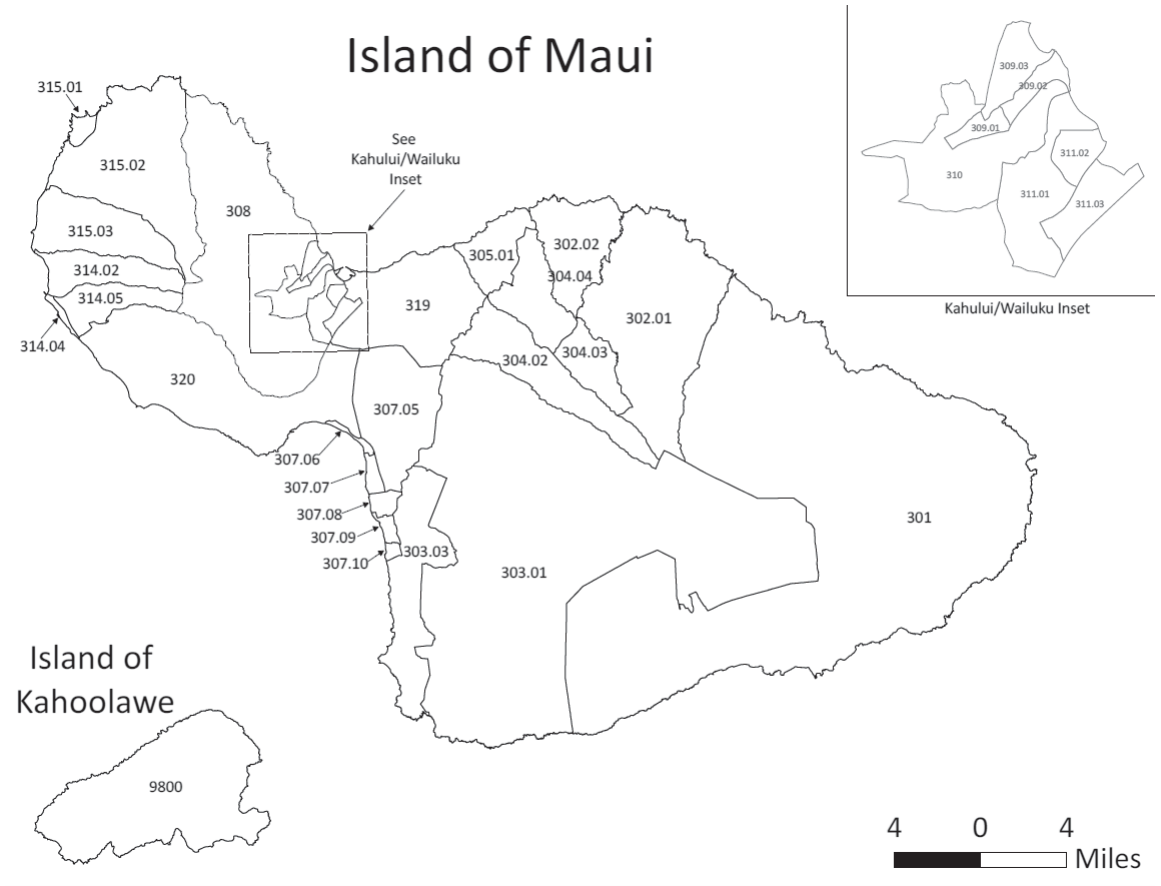


SOURCE: HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, 1991.



1.2.3

MAUI COUNTY CENSUS TRACTS



SOURCE: U.S. CENSUS BUREAU, 2011.

### 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>	City & County of Honolulu	Hawai'i County	Kaua'i County	State Total
April 1, 1990 <sup>2</sup>	100,504	836,231	120,317	51,177	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
April 1, 2000 <sup>2</sup>	128,241	876,156	148,677	58,463	1,211,537
July 1, 2001 <sup>3</sup>	132,428	882,755	151,690	59,075	1,225,948
July 1, 2002 <sup>3</sup>	134,583	890,473	154,576	59,981	1,239,613
July 1, 2003 <sup>3</sup>	137,596	894,311	158,442	60,805	1,251,154
July 1, 2004 <sup>3</sup>	140,625	907,997	162,852	62,095	1,273,569
July 1, 2005 <sup>3</sup>	143,448	918,181	168,237	62,863	1,292,729
July 1, 2006 <sup>3</sup>	145,776	926,954	173,536	63,465	1,309,731
July 1, 2007 <sup>3</sup>	148,117	925,335	177,733	64,490	1,315,675
July 1, 2008 <sup>3</sup>	151,424	933,680	181,506	65,603	1,332,213
July 1, 2009 <sup>3</sup>	153,393	943,177	183,629	66,518	1,346,717
April 1, 2010 <sup>2</sup>	154,924	953,207	185,079	67,091	1,360,301
July 1, 2011	156,891	966,581	186,961	67,794	1,378,227
July 1, 2012	158,599	976,711	188,780	68,551	1,392,641
July 1, 2013	161,036	986,802	191,224	69,703	1,408,765
July 1, 2014	163,487	992,082	194,016	70,672	1,420,257
July 1, 2015	164,726	998,714	196,428	71,735	1,431,603

1. Including Kalawao County (Kalaupapa Settlement). Kalawao had 147 in 2000, 90 in 2010 and 89 in 2015.

2. Decennial census figure.

3. Population estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures which were released September 28, 2011. Population estimates after April 1, 2010 were based on revisions released in March 2016 and may differ somewhat from earlier figures cited in other tables.

SOURCE: U.S. CENSUS BUREAU, POPULATION DIVISION; STATE OF HAWAII DATA BOOK 2014, FEDERAL-STATE COOPERATIVE PROGRAM FOR POPULATION ESTIMATES.

### 1.3.2

## DE FACTO POPULATION BY COUNTY

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

Date	Maui County <sup>1</sup>	City & County of Honolulu	Hawai'i County	Kaua'i County	State Total
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 <sup>2</sup>	168,650	926,192	166,429	74,734	1,336,005
July 1, 2001 <sup>2</sup>	168,845	926,713	168,131	73,940	1,337,629
July 1, 2002 <sup>2</sup>	172,302	934,070	171,784	74,895	1,353,051
July 1, 2003 <sup>2</sup>	176,044	931,880	174,683	76,148	1,358,755
July 1, 2004 <sup>2</sup>	180,033	949,262	180,107	78,167	1,387,569
July 1, 2005 <sup>2</sup>	184,987	959,340	188,612	79,561	1,412,500
July 1, 2006 <sup>2</sup>	188,221	967,400	194,008	80,887	1,430,516
July 1, 2007 <sup>2</sup>	189,875	963,577	196,723	83,286	1,433,461
July 1, 2008 <sup>2</sup>	189,331	962,908	198,413	81,968	1,432,620
July 1, 2009 <sup>2</sup>	189,206	972,202	199,047	82,101	1,442,556
July 1, 2010 <sup>3</sup>	194,384	988,106	202,668	83,524	1,468,682
July 1, 2011 <sup>3</sup>	198,695	1,000,733	205,676	85,108	1,490,212
July 1, 2012 <sup>3</sup>	202,075	1,019,530	209,280	87,163	1,518,048
July 1, 2013 <sup>3</sup>	207,273	1,033,388	212,635	89,621	1,542,917
July 1, 2014 <sup>3</sup>	211,050	1,041,721	216,173	90,525	1,559,469

1. Including Kalawao County. The 2014 de facto population of Kalawao County, the Kalaupapa Settlement on Molokai, was 89.

2. Population estimates for 2000 - 2009 were revised based upon the April 1, 2010 figures which were released September 28, 2011.

3. Revised figures for July 1, 2010 through July 1, 2014.

SOURCE: U.S. CENSUS BUREAU, POPULATION DIVISION; HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, TOURISM RESEARCH BRANCH; HAWAII TOURISM AUTHORITY, TOURISM RESEARCH; CALCULATIONS BY DBEDT.

## 1.3.3

## RESIDENT POPULATION BY COUNTY AND DISTRICT

County and District	April 1, 1990	April 1, 2000	April 1, 2010	Percent Change	
				'90 to '00	'00 to '10
<b>State Total</b>	<b>1,108,229</b>	<b>1,211,537</b>	<b>1,360,301</b>	<b>9.3</b>	<b>12.3</b>
<b>Maui County</b>	<b>100,504</b>	<b>128,241</b>	<b>154,924</b>	<b>27.6</b>	<b>20.8</b>
Hāna	1,895	1,855	2,291	-2.1	23.5
Makawao	29,207	36,476	41,887	24.9	14.8
Wailuku	45,685	61,346	78,110	34.3	27.3
Lahaina	14,574	17,967	22,156	23.3	23.3
Lāna'i	2,426	3,193	3,135	31.6	-1.8
Moloka'i	6,587	7,257	7,255	10.2	0.0
Kalawao	130	147	90	13.1	-38.8
<b>City and Co. of Honolulu</b>	<b>836,231</b>	<b>876,156</b>	<b>953,207</b>	<b>4.8</b>	<b>8.8</b>
Honolulu	377,059	372,279	390,738	-1.3	5.0
Koolaupoko	117,694	117,994	115,164	0.3	-2.4
Koolauloa	18,443	18,899	21,406	2.5	13.3
Waialua	11,549	14,027	13,046	21.5	-7.0
Wahiawā	43,886	38,370	41,216	-12.6	7.4
Wai'anae	37,411	42,259	48,519	13.0	14.8
'Ewa	230,189	272,328	323,118	18.3	18.7
<b>Hawai'i County</b>	<b>120,317</b>	<b>148,677</b>	<b>185,079</b>	<b>23.6</b>	<b>24.5</b>
Puna	20,781	31,335	45,326	50.8	44.6
South Hilo	44,639	47,386	50,927	6.2	7.5
North Hilo	1,541	1,720	2,041	11.6	18.7
Hāmākua	5,545	6,108	6,513	10.2	6.6
North Kohala	4,291	6,038	6,322	40.7	4.7
South Kohala	9,140	13,131	17,627	43.7	34.2
North Kona	22,284	28,543	37,875	28.1	32.7
South Kona	7,658	8,589	9,997	12.2	16.4
Ka'ū	4,438	5,827	8,451	31.3	45.0
<b>Kaua'i County</b>	<b>51,177</b>	<b>58,463</b>	<b>67,091</b>	<b>14.2</b>	<b>14.8</b>
Hanalei	4,631	6,348	7,828	37.1	23.3
Kawaihau	15,627	18,525	20,992	18.5	13.3
Līhu'e	10,663	12,022	14,683	12.7	22.1
Kōloa	11,368	12,845	14,086	13.0	9.7
Waimea	8,888	8,723	9,502	-1.9	8.9

SOURCE: U.S. CENSUS BUREAU.

## 1.3.4

**POPULATION DENSITY  
BY CENSUS TRACT, MAUI COUNTY**

Census Tract	Name	Resident Population	Land Area (sq. miles)	Density per sq. mile
<b>Maui</b>		<b>144,444</b>	<b>771.99</b>	<b>187.1</b>
301	Hāna	2,291	214.03	10.7
302.01	Huelo	2,453	45.60	53.8
302.02	Ha'ikū	7,635	14.25	535.9
303.01	Kula	8,013	166.91	48.0
303.03	Wailea	3,567	19.71	180.9
304.02	Pukalani	8,652	17.85	484.6
304.03	Makawao	3,269	7.27	449.9
304.04	Hāli'imaile	5,609	10.52	533.3
305.01	Pā'ia	2,689	7.66	350.9
307.05	Kīhei Mauka	3,791	19.37	195.7
307.06	Keālia	2,448	0.61	4,033.7
307.07	Waipuilani	8,009	1.18	6,794.5
307.08	Halama	2,909	1.37	2,128.5
307.09	Kamaole	3,727	0.92	4,042.6
307.10	Keawakapu	2,441	0.49	4,969.8
308	Waihe'e-Waikapū	6,907	54.87	125.9
309.01	West Central Wailuku	2,617	0.39	6,677.6
309.02	East Central Wailuku	3,205	0.51	6,341.2
309.03	North Wailuku	6,481	1.02	6,352.7
310	South Wailuku	8,426	3.65	2,310.0
311.01	West Kahului	8,167	2.57	3,172.9
311.02	Central Kahului	5,426	0.67	8,057.5
311.03	Southeast Kahului	7,580	1.27	5,990.3
314.02	Kahoma	3,003	8.98	334.4
314.04	Lahaina	3,250	0.58	5,570.9
314.05	Lahainaluna	5,491	7.24	758.7
315.01	Kapalua	2,368	1.35	1,754.1
315.02	Honokahua	5,036	33.45	150.6
315.03	Honokōwai	2,366	14.80	159.9
319	Spreckelsville	5,624	25.08	224.3
320	Launiupoko	994	43.09	23.1
<b>Lāna'i</b>		<b>3,135</b>	<b>141.07</b>	<b>22.2</b>
316.01	Lāna'i City	3,135	141.07	22.2
<b>Moloka'i</b>		<b>7,345</b>	<b>260.46</b>	<b>28.2</b>
317	East Moloka'i	4,503	122.84	36.7
318.01	West Moloka'i	2,752	125.63	21.9
319	Kalawao	90	11.99	7.5

SOURCE: U.S. CENSUS BUREAU, 2010 CENSUS REDISTRICTING DATA SUMMARY FILE (FEBRUARY 2011).

CALCULATIONS BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM.

## 1.3.5

## RESIDENT POPULATION AND HOUSEHOLDS BY CENSUS TRACT, MAUI COUNTY

Census Tract	Name	Resident Population	Households	Persons per Household
<b>Maui</b>		<b>144,444</b>	<b>50,215</b>	<b>2.8</b>
301	Hāna	2,291	823	2.8
302.01	Huelo	2,453	1,013	2.4
302.02	Ha'ikū	7,635	2,908	2.6
303.01	Kula	8,013	3,189	2.5
303.03	Wailea	3,567	1,684	2.1
304.02	Pukalani	8,652	3,064	2.8
304.03	Makawao	3,269	1,225	2.6
304.04	Hāli'imaile	5,609	1,918	2.8
305.01	Pā'ia	2,689	938	2.9
307.05	Kīhei Mauka	3,791	1,111	3.4
307.06	Keālia	2,448	963	2.5
307.07	Waipuilani	8,009	3,094	2.6
307.08	Halama	2,909	1,086	2.6
307.09	Kamaole	3,727	1,842	2
307.10	Keawakapu	2,441	1,109	2.2
308	Waihe'e-Waikapū	6,907	2,089	3.3
309.01	West Central Wailuku	2,617	1,013	2.5
309.02	East Central Wailuku	3,205	1,135	2.7
309.03	North Wailuku	6,481	1,633	4
310	South Wailuku	8,426	3,137	2.7
311.01	West Kahului	8,167	2,091	3.4
311.02	Central Kahului	5,426	1,600	3.1
311.03	Southeast Kahului	7,580	1,998	3.8
314.02	Kahoma	3,003	844	3.5
314.04	Lahaina	3,250	1,352	2.4
314.05	Lahainaluna	5,491	1,355	3.9
315.01	Kapalua	2,368	799	3
315.02	Honokahua	5,036	2,128	2.4
315.03	Honokōwai	2,366	1,042	2.3
319	Spreckelsville	5,624	1,597	3.4
320	Launiupoko	994	435	2.2
<b>Lāna'i</b>		<b>3,135</b>	<b>1,158</b>	<b>2.7</b>
316.01	Lāna'i City	3,135	1,158	2.7
<b>Moloka'i</b>		<b>7,345</b>	<b>2,582</b>	<b>2.8</b>
317	East Moloka'i	4,503	1,671	2.7
318.01	West Moloka'i	2,752	842	3.2
319	Kalawao	90	69	1.3

SOURCE: U.S. CENSUS BUREAU, 2010 CENSUS REDISTRICTING DATA SUMMARY FILE (FEBRUARY 2011).

CALCULATIONS BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM.



1.3.6

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

Place	Total Population	White	Black or African American	American Indian & Alaska Native	Asian	Native Hawaiian & Pacific Islander	Some Other Race	Two or More Races
<b>Maui Island</b>	<b>139,528</b>	<b>48,971</b>	<b>800</b>	<b>561</b>	<b>41,460</b>	<b>13,262</b>	<b>2,944</b>	<b>31,530</b>
Haiku-Pauwela CDP	8,118	4,825	27	42	659	573	89	1,903
Hāli'imaile CDP	964	198	1	1	337	114	24	289
Hāna CDP	1,235	274	1	1	62	359	10	528
Kā'anapali CDP	1,045	889	0	1	67	28	5	55
Kahului CDP	26,337	2,620	111	72	13,992	3,341	418	5,783
Kapalua CDP	353	258	2	2	24	35	1	31
Kēōkea CDP	1,612	467	12	10	140	413	11	559
Kīhei CDP	20,881	10,582	244	134	4,533	1,359	633	3,396
Kula CDP	6,452	3,632	31	23	1,049	273	78	1,366
Lahaina CDP	11,704	3,182	62	37	4,627	1,103	503	2,190
Launiupoko CDP	588	427	5	2	46	23	13	72
Ma'alaea CDP	352	275	7	1	34	19	4	12
Mahinahina CDP	880	599	4	2	147	32	14	82
Makawao CDP	7,184	2,742	32	42	1,145	601	70	2,552
Mākena CDP	99	70	0	0	10	3	0	16
Nāpili-Honokōwai CDP	7,261	3,843	64	29	1,443	459	434	989
Olinda CDP	1,084	771	2	14	82	35	9	171
Olowalu CDP	80	35	0	1	11	7	0	26

1.3.6

CONTINUED

Place	Total Population	White	Black or African American	American Indian & Alaska Native	Asian	Native Hawaiian & Pacific Islander	Some Other Race	Two or More Races
Pā'ia CDP	2,668	1,139	5	17	634	206	41	626
Pukalani CDP	7,574	2,513	28	26	1,808	720	135	2,344
Waihe'e-Waiehū CDP	8,841	1,082	19	19	3,388	1,549	102	2,682
Waikapū CDP	2,965	702	11	14	1,006	239	30	963
Wailea CDP	5,938	4,637	41	23	523	116	119	479
Wailuku CDP	15,313	3,209	91	48	5,693	1,655	201	4,416
<b>Moloka'i</b>	<b>6,253</b>	<b>838</b>	<b>25</b>	<b>18</b>	<b>1,087</b>	<b>1,657</b>	<b>20</b>	<b>2,608</b>
Kaunakakai CDP	3,425	526	17	10	762	820	9	1,281
Kualapu'u CDP	2,027	171	6	1	280	669	7	893
Maunaloa CDP	376	52	2	3	31	54	3	231
Ualapu'e CDP	425	89	0	4	14	114	1	203
<b>Lāna'i</b>	<b>3,131</b>	<b>459</b>	<b>5</b>	<b>2</b>	<b>1,742</b>	<b>205</b>	<b>5</b>	<b>713</b>
Lāna'i City CDP	3,102	435	5	2	1,737	205	5	713
Manele CDP	29	24	0	0	5	0	0	0

SOURCE: U. S. CENSUS BUREAU, 2010 CENSUS REDISTRICTING DATA SUMMARY FILE TABLES P1; EXTRACTED BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, HAWAII STATE DATA CENTER.

1.3.7

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

Place	Population	Percent of Total Population							Males per	
		Under 18	18 to 24	25 to 44	45 to 64	65 and Over	Median Age	100 Females	100 Females	
<b>Maui Island</b>										
Haiku-Pauwela CDP	8,118	23.0	7.0	28.3	32.7	9.0	39.6	105.4		
Hāli'imaile CDP	964	24.0	7.6	28.4	26.7	13.4	37.9	98.4		
Hāna CDP	1,235	27.8	8.6	24.4	25.7	13.5	35.2	105.5		
Kā'anapali CDP	1,045	15.4	3.2	13.8	43.2	24.5	54.3	100.6		
Kahului CDP	26,337	24.9	8.9	27.1	23.3	15.9	37.2	97.3		
Kapalua CDP	353	12.5	3.4	16.4	38.8	28.9	56.0	101.7		
Kēōkea CDP	1,612	26.2	7.0	25.4	30.1	11.3	38.7	93.5		
Kīhei CDP	20,881	21.7	7.9	30.4	30.0	10.0	38.4	105.3		
Kula CDP	6,452	20.0	5.2	20.7	39.1	15.0	47.7	98.0		
Lahaina CDP	11,704	23.5	8.6	29.3	26.7	11.9	37.3	104.4		
Launiupoko CDP	588	23.3	4.6	27.4	35.7	9.0	42.6	86.1		
Ma'alaea CDP	352	4.5	2.8	15.3	44.6	32.7	59.1	114.6		
Mahinahina CDP	880	21.4	3.6	36.6	31.5	6.9	39.1	101.8		
Makawao CDP	7,184	24.2	8.1	27.0	29.9	10.8	38.4	96.4		
Mākena CDP	99	16.2	2.0	13.1	53.5	15.2	53.5	98.0		
Nāpili-Honokōwai CDP	7,261	20.7	7.1	33.2	30.0	9.0	38.3	104.7		
Olinda CDP	1,084	18.7	5.2	26.3	36.3	13.6	44.9	116.8		
Olowalu CDP	80	6.3	17.5	28.8	40.0	7.5	44.5	128.6		

1.3.7

CONTINUED

Area	Population	Percent of Total Population							Males per	
		Under 18	18 to 24	25 to 44	45 to 64	65 and Over	Median Age	100 Females		
Pā'ia CDP	2,668	20.9	8.3	31.4	28.7	10.7	37.7	106.2		
Pukalani CDP	7,574	24.0	7.3	25.1	31.3	12.4	40.5	101.0		
Waihe'e-Waiehū CDP	8,841	26.7	9.6	24.9	29.2	9.7	36.7	98.3		
Waikapū CDP	2,965	31.3	6.6	32.1	23.2	6.7	32.6	99.1		
Wailea CDP	5,938	13.3	3.9	24.0	39.6	19.1	50.5	100.3		
Wailuku CDP	15,313	23.5	6.4	26.2	29.4	14.4	40.8	95.2		
<b>Moloka'i</b>										
Kaunakakai CDP	3,425	23.8	7.2	19.4	29.3	20.3	44.8	92.2		
Kualapu'u CDP	2,027	30.9	8.9	22.2	24.8	13.3	34.0	97.4		
Maunaloa	376	37.5	11.2	20.5	26.3	4.5	25.6	105.5		
Ualapu'e CDP	425	30.4	5.9	23.8	27.8	12.2	36.7	115.7		
<b>Lāna'i</b>										
Lāna'i City CDP	3,102	26.2	5.8	26.3	26.9	14.9	38.4	104.2		
Manele CDP	29	3.4	3.4	3.4	51.7	37.9	62.5	107.1		

SOURCE: U.S. CENSUS BUREAU, 2010 CENSUS REDISTRICTING DATA SUMMARY FILE TABLES P1; EXTRACTED BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, HAWAII STATE DATA CENTER.

## 1.3.8

**POPULATION BY RACE  
MAUI COUNTY**

<b>2014</b>	<b>Estimate</b>	<b>Percent</b>
<b>Total Population</b>	<b>163,046</b>	<b>100%</b>
One race	124,418	76.31%
Two or more races	38,628	23.69%
<b>One Race</b>	<b>124,418</b>	<b>76.31%</b>
White	57,329	35.16%
Black or African American	1,689	1.04%
American Indian and Alaska Native	225	0.14%
Asian	45,685	28.02%
Asian Indian	287	0.18%
Chinese	1,517	0.93%
Filipino	27,775	17.04%
Japanese	10,992	6.74%
Korean	1,070	0.66%
Vietnamese	416	0.26%
Other Asian	3,628	2.23%
Native Hawaiian and other Pacific Islander	18,040	11.06%
Native Hawaiian	11,371	6.97%
Guamanian or Chamorro	174	0.11%
Samoan	650	0.40%
Other Pacific Islander	5,845	3.58%
Some other race	1,450	0.89%
<b>Hispanic or Latino (of Any Race)</b>	<b>17,866</b>	<b>10.96%</b>
Mexican	8,132	4.99%
Puerto Rican	5,046	3.09%
Cuban	170	0.10%
Other Hispanic or Latino	4,518	2.77%
<b>Two or More Races</b>	<b>38,628</b>	<b>23.69%</b>
White and Black or African American	311	0.19%
White and American Indian and Alaska Native	2,233	1.37%
White and Asian	8,722	5.35%
Black or African American and American Indian and Alaska Native	58	0.04%

SOURCE: U.S. CENSUS BUREAU, 2014 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
7/1/2004 to 7/1/2005	1,914	919	995	577	473	1,901
7/1/2005 to 7/1/2006	1,937	865	1,072	570	-111	1,413
7/1/2006 to 7/1/2007	2,080	977	1,103	512	-107	1,486
7/1/2007 to 7/1/2008	2,137	1,032	1,105	489	788	2,370
7/1/2008 to 7/1/2009	2,174	936	1,238	423	-579	1,113
7/1/2009 to 7/1/2010	2,046	966	1,080	414	-387	1,131
7/1/2010 to 7/1/2011	2,037	989	1,048	433	164	1,639
7/1/2011 to 7/1/2012	2,023	1,060	963	500	106	1,560
7/1/2012 to 7/1/2013	1,983	1,217	766	515	774	2,162
7/1/2013 to 7/1/2014	2,046	1,253	793	711	807	2,228
7/1/2014 to 7/1/2015	2,091	1,270	821	869	-570	1,239

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 Domestic 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 BUREAU, POPULATION DIVISION, VINTAGE 2010 POPULATION ESTIMATES: STATE AND COUNTY COMPONENTS OF POPULATION CHANGE: APRIL 1, 2000 TO JULY 1, 2010 (RELEASED MARCH 2012), ESTIMATES OF THE COMPONENTS OF RESIDENT POPULATION CHANGE: APRIL 1, 2010 TO JULY 1, 2015.

### 1.3.10

## MARRIAGES BY RESIDENCY MAUI COUNTY

Residency	2009	2010	2011	2012	2013	2014	2015
One or both is a resident	953	958	889	903	890	975	
Both are non-residents	5,715	5,950	6,199	5,827	5,442	6,023	
One or both is a non-resident <sup>1</sup>							5,351
Both are residents							816
<b>Total</b>	<b>6,668</b>	<b>6,908</b>	<b>7,088</b>	<b>6,730</b>	<b>6,332</b>	<b>6,998</b>	<b>6,167</b>

1. In 2015, the definition differs from previous non-resident marriage data.

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

### 1.3.11

## MARRIAGES WHERE BOTH ARE NON-RESIDENTS MAUI COUNTY

	2010	2011	2012	2013	2014 <sup>1</sup>	2015 <sup>2</sup>
January	332	365	317	319	359	297
February	342	379	407	360	412	355
March	427	424	436	426	439	381
April	445	499	508	514	537	431
May	650	646	659	581	667	678
June	597	588	522	467	571	451
July	481	507	436	454	490	438
August	507	495	499	433	492	448
September	524	667	530	587	607	535
October	872	596	643	520	661	592
November	411	692	425	427	416	408
December	362	341	445	354	372	337

1. Revised from previous Data Book.

2. Where one or both is a non-resident, starting January 2015.

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

1.3.12

**LIVE BIRTHS BY ZIP CODE  
MAUI COUNTY**

*Calendar year and place of mother's residence*

<b>Zip Code</b>	<b>Location</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Maui Island</b>							
96708	Ha'ikū	120	140	121	126	123	132
96713	Hāna	26	43	32	22	26	25
96732	Kahului	417	411	383	351	391	384
96753	Kīhei	335	294	283	330	282	292
96761	Lahaina	311	333	288	302	265	326
96768	Makawao/Pukalani	243	216	208	199	234	199
96779	Pā'ia	33	37	42	45	37	31
96788	Pukalani	n/r	11	9	15	9	8
96790	Kula	79	75	95	81	88	107
96793	Wailuku	414	458	403	395	399	411
<b>Lāna'i</b>							
96763	Lāna'i City	50	43	31	32	44	42
<b>Moloka'i</b>							
96729	Ho'olehua	18	23	19	14	24	16
96748	Kaunakakai	71	70	67	66	57	61
96757	Kualapu'u	12	17	12	8	11	12
96770	Maunaloa	7	n/r	10	n/r	15	10
	Unknown	10	n/r	n/r	12	4	0
<b>Total</b>		<b>2,146</b>	<b>2,171</b>	<b>2,003</b>	<b>1,998</b>	<b>2,009</b>	<b>2,056</b>

n/r: Not reportable, where number of births between 1 and 5.

SOURCE: HAWAII HEALTH DATA WAREHOUSE; HAWAII STATE DEPARTMENT OF HEALTH, OFFICE OF HEALTH STATUS MONITORING, VITAL STATISTICS, LIVE BIRTHS BY MOTHER'S ZIP CODE, DECEMBER 30, 2015.



## 1.3.13

## CHARACTERISTICS OF LIVE BIRTHS MAUI COUNTY

Characteristic	2012	Percent	2013	Percent	2014	Percent
<b>Total</b>	<b>2,009</b>	<b>100%</b>	<b>2,056</b>	<b>100%</b>	<b>1,977</b>	<b>100%</b>
<b>Births by Area of Residence</b>						
Maui County	2,009	100%	2,056	100%	1,979	100%
Maui	1,858	92.5%	1,915	93.1%	1,831	92.5%
Moloka'i	107	5.3%	99	4.8%	102	5.2%
Lāna'i	44	2.2%	42	2.0%	46	2.3%
<b>Ethnicity of Child</b>						
Caucasian	325	16.2%	373	18.1%	336	17.0%
Native Hawaiian	875	43.6%	921	44.8%	865	43.8%
Chinese	22	1.1%	19	0.9%	29	1.5%
Filipino	385	19.2%	331	16.1%	391	19.8%
Japanese	98	4.9%	95	4.6%	83	4.2%
All others	304	15.1%	317	15.4%	273	13.8%
<b>Ethnicity of Mother</b>						
Caucasian	470	23.4%	502	24.4%	481	24.3%
Native Hawaiian	639	31.8%	725	35.3%	627	31.7%
Chinese	29	1.4%	22	1.1%	23	1.2%
Filipino	443	22.1%	390	19.0%	434	22.0%
Japanese	113	5.6%	108	5.3%	112	5.7%
All others	315	15.7%	309	15.0%	300	15.2%

SOURCE: HAWAII'S HEALTH DATA WAREHOUSE; HAWAII'S STATE DEPARTMENT OF HEALTH, OFFICE OF HEALTH STATUS MONITORING, VITAL STATISTICS, FEBRUARY 22, 2016.

1.3.14

**TOTAL RESIDENT POPULATION PROJECTIONS  
BY 5-YEAR AGE GROUP, MAUI COUNTY 2010-2040**

Age Group (Years)	2010 <sup>1</sup>	2015	2020	2025	2030	2035	2040
0 - 4	9,989	11,320	12,156	13,010	13,891	14,871	15,858
5 - 9	9,845	10,382	11,714	12,551	13,405	14,285	15,266
10 - 14	9,842	10,178	10,716	12,048	12,884	13,739	14,619
15 - 19	9,430	10,311	10,648	11,187	12,519	13,356	14,210
20 - 24	8,394	10,480	11,362	11,700	12,240	13,571	14,408
25 - 29	10,199	9,409	11,490	12,374	12,714	13,254	14,584
30 - 34	10,460	10,804	10,021	12,098	12,982	13,323	13,864
35 - 39	10,297	10,929	11,275	10,500	12,572	13,456	13,799
40 - 44	11,098	10,675	11,309	11,662	10,896	12,960	13,844
45 - 49	11,826	11,396	10,986	11,628	11,986	11,234	13,285
50 - 54	12,324	12,000	11,589	11,200	11,844	12,208	11,473
55 - 59	11,635	12,395	12,098	11,720	11,352	12,001	12,373
60 - 64	9,893	11,581	12,342	12,092	11,747	11,405	12,058
65 - 69	6,830	9,640	11,281	12,044	11,838	11,532	11,223
70 - 74	4,414	6,479	9,123	10,694	11,446	11,293	11,037
75 - 79	3,260	4,062	5,960	8,399	9,881	10,616	10,522
80 - 84	2,772	2,749	3,458	5,103	7,222	8,556	9,257
85 +	2,706	3,216	3,487	4,187	5,888	8,548	11,181
<b>Total</b>	<b>155,214</b>	<b>168,007</b>	<b>181,017</b>	<b>194,197</b>	<b>207,307</b>	<b>220,209</b>	<b>232,863</b>

Share (%)	2010 <sup>1</sup>	2015	2020	2025	2030	2035	2040
0 - 4	6.4	6.7	6.7	6.7	6.7	6.8	6.8
5 - 9	6.3	6.2	6.5	6.5	6.5	6.5	6.6
10 - 14	6.3	6.1	5.9	6.2	6.2	6.2	6.3
15 - 19	6.1	6.1	5.9	5.8	6.0	6.1	6.1
20 - 24	5.4	6.2	6.3	6.0	5.9	6.2	6.2
25 - 29	6.6	5.6	6.3	6.4	6.1	6.0	6.3
30 - 34	6.7	6.4	5.5	6.2	6.3	6.1	6.0
35 - 39	6.6	6.5	6.2	5.4	6.1	6.1	5.9
40 - 44	7.2	6.4	6.2	6.0	5.3	5.9	5.9
45 - 49	7.6	6.8	6.1	6.0	5.8	5.1	5.7
50 - 54	7.9	7.1	6.4	5.8	5.7	5.5	4.9
55 - 59	7.5	7.4	6.7	6.0	5.5	5.4	5.3
60 - 64	6.4	6.9	6.8	6.2	5.7	5.2	5.2
65 - 69	4.4	5.7	6.2	6.2	5.7	5.2	4.8
70 - 74	2.8	3.9	5.0	5.5	5.5	5.1	4.7
75 - 79	2.1	2.4	3.3	4.3	4.8	4.8	4.5
80 - 84	1.8	1.6	1.9	2.6	3.5	3.9	4.0
85 +	1.7	1.9	1.9	2.2	2.8	3.9	4.8
<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>

1. July estimates, Source : U.S. Census Bureau.

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 2040", MARCH 2012.

1.3.15

**ECONOMIC PROJECTIONS  
MAUI COUNTY 2010 TO 2040**

	2010	2015	2020	2025	2030	2035	2040
<b>Total Personal Income<sup>1</sup></b>	4,670	5,300	5,950	6,620	7,300	7,970	8,620
<b>Total Civilian Wage and Salary Jobs</b>	69,160	73,230	77,140	80,670	84,170	87,470	90,700
Agriculture	1,910	1,910	1,910	1,910	1,900	1,890	1,880
Mining and construction	2,840	2,980	3,110	3,210	3,290	3,370	3,440
Food processing	600	620	630	640	650	650	660
Other manufacturing	410	410	400	390	390	380	370
Transportation	2,600	2,720	2,810	2,860	2,920	2,970	3,020
Information	760	760	810	850	890	930	970
Utilities	440	470	500	530	560	580	610
Wholesale trade	1,410	1,470	1,520	1,560	1,600	1,630	1,660
Retail trade	9,000	9,250	9,450	9,600	9,710	9,780	9,830
Finance and insurance	830	860	880	890	900	900	900
Real estate and rentals	1,690	1,670	1,660	1,640	1,610	1,590	1,560
Professional services	1,420	1,530	1,630	1,720	1,800	1,880	1,950
Business services	4,910	5,580	6,290	7,010	7,740	8,470	9,220
Educational services	1,130	1,280	1,440	1,600	1,770	1,930	2,090
Health services	5,160	5,890	6,660	7,440	8,240	9,020	9,790
Arts and entertainment	1,840	1,910	1,950	1,980	1,990	2,000	2,010
Hotels	10,430	10,910	11,280	11,530	11,790	12,060	12,330
Eating and drinking	7,680	8,290	8,830	9,310	9,780	10,230	10,670
Other services	3,210	3,320	3,390	3,440	3,480	3,480	3,480
Government	10,900	11,420	11,980	12,560	13,140	13,700	14,250
Visitor arrivals (1,000)	2,123	2,410	2,540	2,660	2,780	2,910	3,050
Visitor days (1,000)	17,293	19,290	20,290	21,240	22,230	23,280	24,370
Visitor expenditures <sup>1</sup>	2,478	3,004	3,187	3,339	3,499	3,665	3,840
Hotel rooms	20,068	20,070	20,070	21,040	22,020	23,060	24,070
Hotel occupancy rate	68.1	76.4	80.2	80.3	80.3	80.3	80.3

Notes: \*Projected values were rounded to the nearest ten. County figures for 2010 are DBEDT estimates.  
1. In million 2005 dollars.

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 2040", MARCH 2012.

## 1.4.1

## PERSONAL INCOME, TOTAL AND PER CAPITA BY COUNTY

Year	Maui County <sup>1</sup>	City & County of Honolulu	Hawai'i County	Kaua'i County	State Total
<b>Total Personal Income, in \$1,000</b>					
2000	3,255,020	27,146,382	3,265,140	1,441,430	35,107,972
2001	3,419,178	27,961,960	3,482,038	1,483,646	36,346,822
2002	3,617,057	29,153,052	3,712,168	1,564,588	38,046,865
2003	3,794,377	30,513,893	3,902,053	1,638,599	39,848,922
2004	4,166,729	32,841,336	4,277,587	1,799,177	43,084,829
2005	4,510,885	34,968,191	4,699,065	1,932,649	46,110,790
2006	4,947,834	37,484,293	5,099,384	2,085,448	49,616,959
2007	5,272,925	39,637,385	5,493,405	2,254,806	52,658,521
2008	5,529,610	41,729,138	5,850,057	2,369,046	55,477,851
2009	5,256,613	42,131,389	5,638,330	2,314,033	55,340,365
2010	5,428,448	43,178,434	5,756,548	2,369,005	56,732,435
2011	5,677,219	45,060,846	5,966,240	2,475,088	59,179,393
2012	6,061,880	47,044,902	6,276,535	2,600,635	61,983,952
2013	6,086,180	47,255,799	6,424,990	2,670,325	62,437,294
2014	6,432,812	49,313,300	6,771,329	2,830,508	65,347,949
<b>Per Capita Income, in \$</b>					
2000	25,217	30,967	21,878	24,611	28,931
2001	25,819	31,676	22,955	25,115	29,648
2002	26,876	32,739	24,015	26,085	30,693
2003	27,576	34,120	24,628	26,948	31,850
2004	29,630	36,169	26,267	28,975	33,830
2005	31,446	38,084	27,931	30,744	35,669
2006	33,941	40,438	29,385	32,860	37,883
2007	35,600	42,836	30,908	34,964	40,024
2008	36,517	44,693	32,231	36,112	41,643
2009	34,269	44,670	30,705	34,788	41,093
2010	35,006	45,150	31,062	35,244	41,594
2011	36,194	46,620	31,898	36,506	42,938
2012	38,240	48,165	33,219	37,936	44,504
2013	37,831	47,877	33,567	38,323	44,314
2014	39,439	49,722	34,870	40,163	46,034

Note: The estimates of local area personal income were revised for the 1969 to 2013 period.

1. Including Kalawao.

SOURCE: U.S. DEPARTMENT OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS, "LOCAL AREA PERSONAL INCOME, 2014"; AND INTERACTIVE DATA LOCAL AREA PERSONAL INCOME AND EMPLOYMENT, "CA1 PERSONAL INCOME SUMMARY: PERSONAL INCOME, POPULATION, PER CAPITA PERSONAL INCOME", NOVEMBER 19, 2015.

1.4.2

**EARNINGS BY DETAILED INDUSTRY  
MAUI COUNTY, 2014**

*In thousands of dollars*

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<b>Personal Income</b>	<b>6,432,812</b>
<b>Population (persons)</b>	<b>163,108</b>
<b>Per Capita Personal Income (dollars)</b>	<b>39,439</b>
<b>Earnings by Place of Work</b>	<b>4,479,993</b>
less: Contributions for government social insurance	521,981
Employee and self-employed contributions for government social insurance	273,572
Employer contributions for government social insurance	248,409
plus: Adjustment for residence	7,705
equals: Net earnings by place of residence	3,965,717
plus: Dividends, interest, and rent	1,357,134
plus: Personal current transfer receipts	1,109,961
<b>Wage and Salary Disbursements</b>	<b>3,164,834</b>
<b>Supplements to Wages and Salaries</b>	<b>780,499</b>
Employer contributions for employee pension and insurance funds	532,090
Employer contributions for government social insurance	248,409
<b>Proprietors' Income</b>	<b>534,660</b>
Farm proprietors' income	-108
Nonfarm proprietors' income	534,768
<b>Farm Earnings</b>	<b>96,854</b>
<b>Nonfarm Earnings</b>	<b>4,383,139</b>
<b>Private Earnings</b>	<b>3,583,359</b>
Forestry, fishing, and related activities	D
Mining	D
Utilities	77,066
Construction	353,009

1.4.2

**CONTINUED**

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Manufacturing	67,135
Durable goods manufacturing	22,284
Nondurable goods manufacturing	44,851
Wholesale trade	105,368
Retail trade	375,273
Transportation and warehousing	165,407
Information	42,388
Finance and insurance	59,909
Real estate and rental and leasing	204,282
Professional, scientific, and technical services	146,815
Management of companies and enterprises	26,461
Administrative and waste services	222,607
Educational services	54,893
Health care and social assistance	312,692
Arts, entertainment, and recreation	92,503
Accommodation and food services	1,048,136
Other services, except public administration	223,037
<b>Government and Government Enterprises</b>	<b>799,780</b>
Federal, civilian	73,148
Military	38,153
State and local	688,479
State government	475,147
Local government	213,332

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Note: Includes Kalawao.

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

SOURCE: U.S. DEPARTMENT OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS, NOVEMBER 19, 2015.

1.4.3

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

Year	All Urban Consumers (CPI-U)			Urban Wage Earners and Clerical Workers (CPI-W)		
	Annual Average	First Half	Second Half	Annual Average	First Half	Second Half
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 <sup>1</sup>	219.504	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
2010	234.869	233.822	235.916	234.020	233.089	234.951
2011	243.622	241.902	245.342	242.532	240.874	244.190
2012	249.474	248.646	250.303	248.569	248.003	249.135
2013	253.924	253.202	254.646	252.178	251.663	252.694
2014	257.589	255.989	259.190	254.757	253.417	256.098
2015	260.165	257.848	262.482	255.969	254.057	257.881

Note: See Introduction (General Statistics) for CPI-U and CPI-W definitions.  
1982-1984 = 100

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

SOURCE: U.S. BUREAU OF LABOR STATISTICS.

1.4.4

**NONFOREIGN AREA COST-OF-LIVING ALLOWANCES  
FEDERAL EMPLOYEES IN HAWAI'I RELATIVE TO WASHINGTON, D.C., BY COUNTY**

County	2010			2011			2012-2015			2016		
	COLA Rates (%)	Payable Locality Rates (%)	Full Locality Rates (%)	COLA Rates (%)	Payable Locality Rates (%)	Full Locality Rates (%)	COLA Rates (%)	Payable Locality Rates (%)	Full Locality Rates (%)	COLA Rates (%)	Payable Locality Rates (%)	Full Locality Rates (%)
Honolulu	20.94	4.72	14.16	16.07	11.01	16.51	12.25	16.51	16.51	12.05	16.51	16.81
Hawai'i	14.26	4.72	14.16	9.76	11.01	16.51	6.24	16.51	16.51	6.05	16.51	16.81
Kaua'i	20.94	4.72	14.16	16.07	11.01	16.51	12.25	16.51	16.51	12.05	16.51	16.81
Maui	20.94	4.72	14.16	16.07	11.01	16.51	12.25	16.51	16.51	12.05	16.51	16.81

1. Including Kalawao County.

Note: The Full Locality Rates are used to compute the phased-in Payable Locality Rates using a 1/3rd factor in 2010, a 2/3rds factor in 2011, and a 3/3rds factor in 2012. Also, the Full Locality Rates were used in computing retirement-creditable basic pay and retirement contribution deposits for employees who made an election under NAREAA section 1917. As provided under the Nonforeign Area Retirement Equity Assurance Act of 2009 (NAREAA) (subtitle B of title XIX of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111-84, October 28, 2009)), the locality rate for each nonforeign area will be set at two-thirds of the applicable locality rate in January 2011 and the full applicable locality rate in January 2012. Employees in nonforeign areas, e.g. Hawai'i, have corresponding reductions in their cost-of-living allowances (COLAs) when locality rates increase.

SOURCE: U.S. OFFICE OF PERSONNEL MANAGEMENT, "COLA AND LOCALITY PAY RATES IN NONFOREIGN AREAS 2009-2015 AND 2016".



## 1.4.5

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

1982-1984 Average = 100 unless otherwise noted

Group	2011	2012	2013	2014	2015
<b>All Items</b>	243.622	249.474	253.924	257.589	260.165
<b>Food and Beverages</b>	232.656	242.786	250.922	256.023	267.041
Food	233.256	243.315	250.720	256.204	267.643
Food at home	243.147	251.257	254.618	260.591	267.011
Food away from home	219.140	230.345	241.201	247.703	262.972
Alcoholic beverages	222.459	233.299	251.786	250.982	255.672
<b>Housing</b>	260.606	265.473	269.885	273.499	276.047
Shelter	277.348	280.702	285.979	289.519	298.217
Rent of primary residence	271.986	278.121	281.572	287.813	295.635
Owners' equivalent rent	287.113	289.858	296.499	298.747	308.127
<b>Fuels and Utilities</b>	335.109	360.247	363.734	375.685	329.285
Household energy	305.047	327.002	326.966	334.996	267.540
Energy services*	300.711	322.344	322.311	330.151	262.786
Electricity	295.459	318.271	318.855	327.118	260.267
Utility (piped) gas service	336.101	341.478	328.520	331.538	267.090
<b>Household Furnishings and Operations</b>	153.134	153.086	153.196	151.278	149.060
<b>Apparel</b>	118.394	121.481	119.011	111.141	108.893
<b>Transportation</b>	229.223	231.275	233.133	236.373	216.756
Private transportation	227.249	235.881	236.516	237.308	212.590
<b>Motor Fuel</b>	311.585	329.113	324.575	317.398	229.138
Gasoline (all types)	320.614	338.599	333.975	326.302	235.085
Gasoline, unleaded regular	340.371	360.067	355.142	346.012	247.260
Gasoline, unleaded midgrade <sup>1</sup>	249.720	263.366	259.349	257.427	189.913
Gasoline, unleaded premium	283.383	298.215	294.709	287.258	209.894

## 1.4.5

### CONTINUED

Group	2011	2012	2013	2014	2015
<b>Medical Care</b>	324.180	334.441	345.184	351.763	378.876
<b>Recreation<sup>2</sup></b>	110.473	113.961	116.818	119.586	121.840
<b>Education and Communication<sup>2</sup></b>	132.248	137.276	139.423	143.488	147.869
<b>Other Goods and Services</b>	433.536	440.428	447.178	457.958	478.634
<b>Special Aggregate Indexes</b>					
All items less shelter	229.363	236.406	240.466	244.165	243.833
All items less medical care	239.355	244.988	249.131	252.635	253.811
All items less energy	241.020	245.982	251.027	255.021	262.680
All items less food and energy	243.891	247.841	252.469	256.238	263.255
Commodities	192.510	198.400	200.602	201.057	197.792
Commodities less food	167.835	171.385	171.027	169.051	158.807
Nondurables	221.716	230.568	233.677	234.514	230.105
Nondurables less food	209.303	216.645	215.900	212.561	193.935
Nondurables less food and beverage	208.464	215.562	213.540	210.020	189.890
Services	288.467	294.510	300.849	307.192	314.368
Services less rent of shelter <sup>3</sup>	302.484	312.316	320.021	330.028	335.192
Services less medical care	284.353	290.148	295.971	302.124	307.041

\* Previously called 'Gas (piped) and electricity'.

1. December 1993= 100.

2. December 1997= 100.

3. December 1982= 100.

SOURCE: U.S. BUREAU OF LABOR STATISTICS, CONSUMER PRICE INDEX-ALL URBAN CONSUMERS (CPI-U).

1.5.1

**CAPACITIES OF HOSPITALS AND SPECIALTY CARE FACILITIES  
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 2014*

Facility	Licensed Beds	Inpatient Days	Admissions	Average Stay	Occupancy Rate
<b>Medical/Surgical</b>					
Maui Memorial Hospital	152	45,002	6,146	7.3	81.11
Moloka'i General Hospital	9	330	86	3.8	10.05
<b>Critical Care</b>					
Maui Memorial Hospital	29	6,191	1,257	4.9	58.49
<b>Obstetric</b>					
Maui Memorial Hospital	22	3,025	1,475	2.1	37.67
Moloka'i General Hospital	2	36	33	1.1	4.93
<b>Psychiatric</b>					
Maui Memorial Hospital	11	2,305	472	4.9	57.41
<b>SNF/ICF</b>					
Hale Makua Kahului	254	81,581	392	208.1	88.00
Hale Makua Wailuku	90	29,499	52	567.3	89.80
Kula Hospital	100	25,681	77	333.5	70.36
Moloka'i General Hospital	2	42	1	42.0	5.75
<b>Acute/SNF</b>					
Kula Hospital	5	475	20	23.8	26.03
Moloka'i General Hospital	2	414	16	25.9	56.71
<b>SNF/ICF MR</b>					
Kula Hospital	9	2,920	0	NA	88.89
<b>Hansen's Disease</b>					
Kalaupapa Care Home	5	365	1	365.0	20.00
<b>Other: STF</b>					
Aloha House, Inc.	48	10,890	363	30.0	62.16
<b>Maui County Total</b>	<b>740</b>	<b>208,756</b>	<b>10,391</b>	<b>115.7</b>	<b>50.49</b>

Note: Lanai Community Hospital did not report in time for the report. Therefore, it is not listed in the table above.

NA: Not available

SNF: Skilled Nursing Facility

ICF: Intermediate Care Facility

SNF/ICF MR: Facility providing skilled nursing care or intermediate care services for persons who are mentally retarded

STF: Substance-Abuse Treatment Facility

SOURCE: HAWAII STATE DEPARTMENT OF HEALTH, STATE HEALTH PLANNING AND DEVELOPMENT AGENCY, HEALTH CARE UTILIZATION REPORT 2014.

1.5.2

**ADULT RESIDENTIAL CARE HOMES  
MAUI COUNTY**

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

<b>Location</b>	<b>Facilities</b>	<b>Beds</b>	<b>Persons<sup>1</sup> age 65+</b>	<b>Beds / 1,000 persons age 65+</b>
<b>Type I (up to 5 beds)</b>				
Kahului	6	25	4,182	5.98
Kīhei	1	5	3,225	1.55
Wailuku	4	20	3,425	5.84
Maui Island Total	11	50	18,148	2.76
Moloka'i	2	10	1,181	8.47
Lāna'i	0	0	474	0.00
Maui County Total	13	60	19,803	3.03
Hawai'i County	51	229	26,834	8.53
Kaua'i County	10	43	9,985	4.31
City and County of Honolulu	375	1,790	138,490	12.93
<b>State Total</b>	<b>449</b>	<b>2,122</b>	<b>195,112</b>	<b>10.88</b>
<b>Type II (more than 5 beds)</b>				
Maui Island	1	22	18,148	1.21
Moloka'i	0	0	1,181	0.00
Lāna'i	0	0	474	0.00
Maui County Total	1	22	19,803	1.11
Hawai'i County	0	0	26,834	0.00
Kaua'i County	0	0	9,985	0.00
City and County of Honolulu	34	513	138,490	3.70
<b>State Total</b>	<b>35</b>	<b>535</b>	<b>195,112</b>	<b>2.74</b>

1. U.S. Census Bureau, Census 2010.

SOURCE: HAWAII STATE DEPARTMENT OF HEALTH, OFFICE OF HEALTH CARE ASSURANCE, COMBINED ADULT RESIDENTIAL CARE HOMES AND EXPANDED ADULT RESIDENTIAL CARE HOMES VACANCY REPORT BY AREA, UPDATED FEBRUARY 19, 2016.

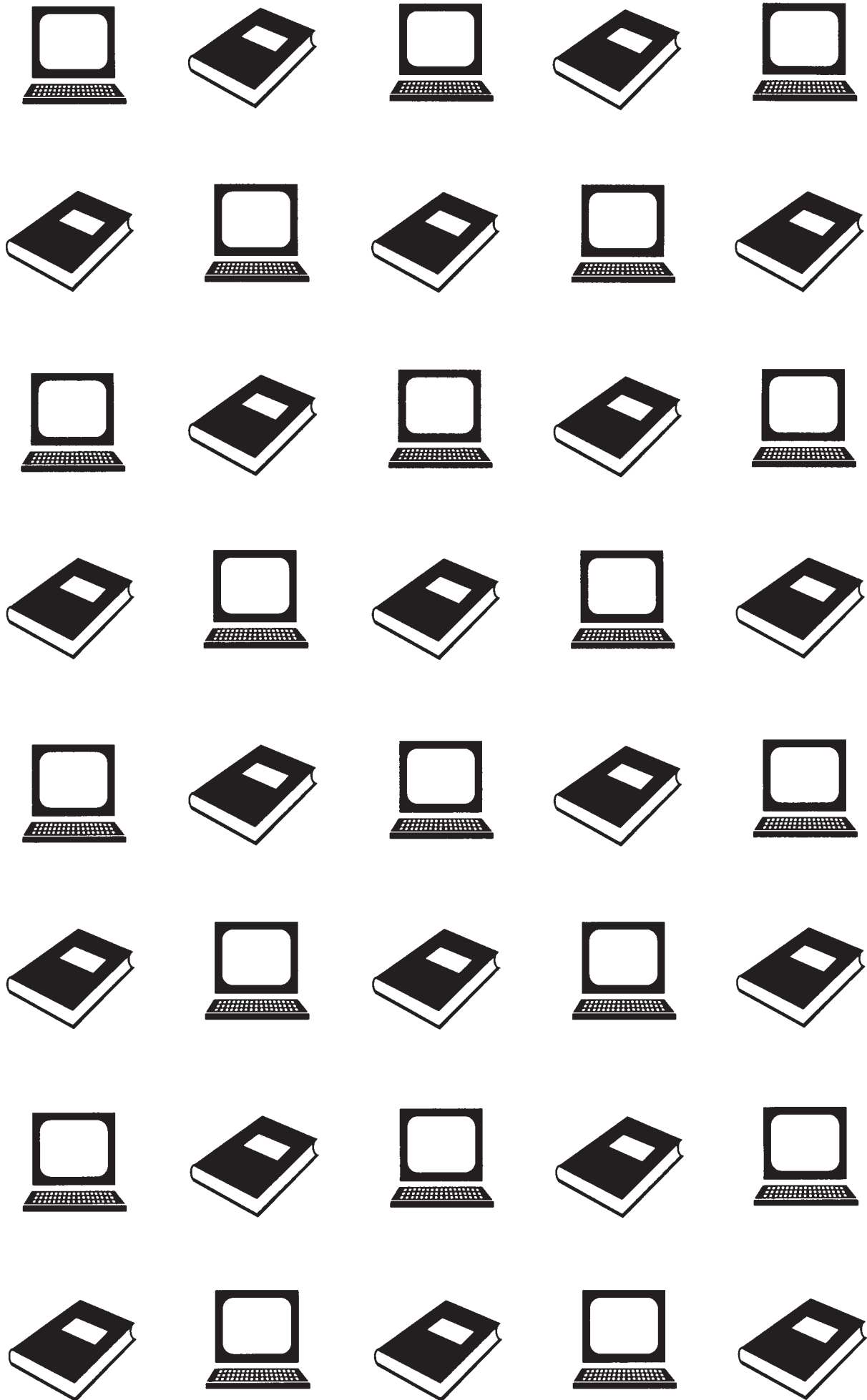
## 1.5.3

## HEALTH PRACTITIONERS LICENSED IN HAWAII BY PLACE OF ADDRESS

	Acupuncturist	Chiropractor	Dental Hygienist	Dentist	Massage Therapist
Maui	83	65	109	94	1,329
Moloka'i	1	2	3	5	12
Lāna'i	0	0	0	1	18
O'ahu	295	193	600	838	3,582
Hawai'i	113	68	78	104	965
Kaua'i	37	27	43	42	537
<b>State Subtotal</b>	<b>529</b>	<b>355</b>	<b>833</b>	<b>1,084</b>	<b>6,443</b>
Mainland	175	140	254	404	843
Foreign/Other	4	4	2	16	73
<b>Total</b>	<b>708</b>	<b>499</b>	<b>1,089</b>	<b>1,504</b>	<b>7,359</b>
	Certified Physician's Assistant	Emergency Medical Tech. Basic	Emergency Medical Tech. Paramedic	Physician or Surgeon <sup>1</sup>	Osteopathic Physician and Surgeon
Maui	36	74	43	414	23
Moloka'i	0	0	5	11	2
Lāna'i	0	0	0	2	1
O'ahu	168	406	306	3,600	223
Hawai'i	20	284	110	455	42
Kaua'i	8	35	19	182	15
<b>State Subtotal</b>	<b>232</b>	<b>799</b>	<b>483</b>	<b>4,664</b>	<b>306</b>
Mainland	79	12	49	4,319	494
Foreign/Other	0	0	0	51	0
<b>Total</b>	<b>311</b>	<b>811</b>	<b>532</b>	<b>9,034</b>	<b>800</b>
	Licensed Practical Nurse	Registered Nurse	Advanced Practice Registered Nurse	Occupational Therapist	Physical Therapist
Maui	366	1,428	63	39	110
Moloka'i	9	35	5	0	4
Lāna'i	1	19	2	0	1
O'ahu	1,151	11,158	745	274	640
Hawai'i	333	1,838	105	55	128
Kaua'i	154	716	45	14	52
<b>State Subtotal</b>	<b>2,014</b>	<b>15,194</b>	<b>965</b>	<b>382</b>	<b>935</b>
Mainland	362	6,944	298	266	572
Foreign/Other	6	78	4	6	16
<b>Total</b>	<b>2,382</b>	<b>22,216</b>	<b>1,267</b>	<b>654</b>	<b>1,523</b>
	Naturopath	Optometrist	Pharmacist	Podiatrist	Psychologist
Maui	15	25	128	4	54
Moloka'i	0	0	3	0	1
Lāna'i	0	0	0	0	1
O'ahu	37	221	1,040	30	605
Hawai'i	33	30	165	6	87
Kaua'i	11	11	69	1	33
<b>State Subtotal</b>	<b>96</b>	<b>287</b>	<b>1,405</b>	<b>41</b>	<b>781</b>
Mainland	41	148	1,098	42	300
Foreign/Other	1	1	5	1	4
<b>Total</b>	<b>138</b>	<b>436</b>	<b>2,508</b>	<b>84</b>	<b>1,085</b>

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, CURRENT LICENSES AS OF JANUARY 26, 2016.



# 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, Maui offers 4-year Bachelor's degrees.

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

**MAUI****Hāna**

Hāna High and Elementary

K thru 12

**Kahului/Wailuku**

Emmanuel Lutheran

PreK thru 8

**Kīhei**

Henry Perrine Baldwin High

9 thru 12

Kamali'i Elementary

K thru 5

ʻĪao Intermediate

6 thru 8

Kīhei Elementary

K thru 5

Ka'ahumanu Hou Christian

PreK thru 12

Kīhei Charter School

K thru 12

Kahului Elementary

K thru 5

Lokelani Intermediate

6 thru 8

Lihikai Elementary

K thru 5

Montessori Hale O Keiki

PreK thru 8

Maui Adventist

K thru 8

Horizons Academy of Maui

K thru 12

Maui High

9 thru 12

**Lahaina**

Maui Waena Intermediate

6 thru 8

Kamehameha III Elementary

K thru 5

Pomaika'i Elementary

K thru 5

Lahaina Intermediate

6 thru 8

Pu'u Kukui Elementary

K thru 5

Lahainaluna High

9 thru 12

St. Anthony Grade School

K thru 6

Maui Preparatory Academy

PreK thru 12

St. Anthony Junior and Senior High

7 thru 12

Nahi'ena'ena Elementary

K thru 5

Waihe'e Elementary

K thru 5

Sacred Hearts Elementary

PreK to 8

Wailuku Elementary

K thru 5

**UpCountry/North Shore**

Carden Academy of Maui

PreK thru 8

**LĀNA'I**

Lāna'i High and Elementary

K thru 12

Clearview Christian Girls School

6 thru 12

Doris Todd Christian Academy

PreK thru 8

Ha'ikū Elementary

K thru 5

**MOLOKA'I**

Aka'ula School

5 thru 8

Haleakalā Waldorf

EC thru 12

Ho'omana Hou School

9 thru 12

Kalama Intermediate

6 thru 8

Kaunakakai Elementary

K thru 6

Kamehameha School Maui

K thru 12

Kilohana Elementary

K thru 6

King Kekaulike High

9 thru 12

Kualapu'u PCS

PreK thru 6

Kula Elementary

K thru 5

Maunaloa Elementary

K thru 6

Makawao Elementary

K thru 5

Moloka'i Christian Academy

PreK thru 12

Maui Christian Academy

9 thru 12

Moloka'i High

9 thru 12

Montessori School of Maui

EC thru 8

Moloka'i Middle

7 thru 8

Pā'ia Elementary

K thru 5

Pukalani Elementary

K thru 5

Roots School of Maui

PreK thru 8

**Total:54**

Seabury Hall

6 thru 12

**Public: 31****Charter: 2****Private: 21**

EC: Early Childhood Education Program.

PCS: Public Charter School.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION; HAWAII ASSOCIATION OF INDEPENDENT SCHOOLS.



## 2.2

## BUDGET ALLOCATIONS FOR PUBLIC SCHOOLS MAUI COUNTY

School	2012-2013*	2013-2014*	2014-2015*	2015-2016
<b>Elementary Schools</b>				
Ha'ikū	514,896	487,871	458,860	426,901
Kahului	1,014,198	1,375,232	1,112,772	1,111,581
Kamali'i	541,205	383,007	397,446	214,429
Kamehameha III	675,167	892,239	841,659	966,667
Kaunakakai	389,919	519,940	453,808	402,794
KThei	881,597	990,162	744,901	292,397
Kilohana	159,087	90,014	108,209	113,572
Kula	236,338	303,703	337,381	540,702
Lihikai	756,496	836,998	1,099,616	1,095,115
Makawao	527,221	630,206	500,486	610,392
Maunaloa	142,700	178,204	144,643	99,276
Nahi'ena'ena	749,583	967,834	789,407	797,351
Pā'ia	344,338	426,054	462,634	389,970
Pomaika'i	398,879	295,939	356,413	367,183
Pukalani	388,376	390,122	443,619	282,501
Pu'u Kukui	1,377,314	1,346,653	533,067	490,184
Waihe'e	732,023	595,137	601,883	574,523
Wailuku	755,055	159,439	584,773	434,291
<b>Intermediate Schools</b>				
Īao	435,767	923,915	1,078,410	1,307,325
Kalama	261,733	508,467	739,678	620,376
Lahaina	282,739	392,326	573,920	517,071
Lokelani	347,939	469,553	532,142	587,009
Maui Waena	931,483	765,349	802,240	986,799
Moloka'i Middle	464,300	487,357	697,713	610,228
<b>High Schools</b>				
Baldwin	1,033,277	946,287	851,035	662,854
King Kekaulike	618,967	590,083	1,278,974	927,481
Lahainaluna	869,763	731,222	986,374	669,014
Maui	1,268,491	1,483,473	1,254,172	1,069,718
Moloka'i	179,771	219,858	424,813	296,857
<b>Multi-Level Schools</b>				
Hāna High & Elem.	611,927	634,055	571,431	761,539
Lāna'i High & Elem.	238,401	600,447	157,867	164,279
<b>Total</b>	<b>\$18,128,950</b>	<b>\$19,621,146</b>	<b>\$19,920,346</b>	<b>\$18,390,379</b>

\* Revised data.  
Allocations do not include salaries.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION.

## 2.3

## PUBLIC SCHOOLS ENROLLMENT BY GRADES MAUI DISTRICT

School	2011	2012	2013	2014	2015
<b>Elementary Schools</b>					
Ha'ikū	448	487	501	479	483
Kahului	986	1,024	1,064	983	954
Kamali'i	638	620	585	530	481
Kamehameha III	760	800	813	773	790
Kaunakakai	247	256	290	274	298
Kīthei	920	969	947	864	801
Kilohana	67	75	80	65	80
Kula	357	378	396	391	433
Lihikai	971	982	943	897	901
Makawao	500	529	550	527	541
Maunaloa	68	87	61	55	60
Nahi'ena'ena	643	704	761	724	720
Pā'ia	297	310	356	338	364
Pomaika'i	655	675	550	544	574
Pukalani	496	500	478	441	405
Pu'u Kukui <sup>1</sup>	0	0	541	655	692
Waihe'e	769	816	775	742	752
Wailuku	920	960	740	704	694
<b>Intermediate Schools</b>					
Īao	876	841	886	889	918
Kalama	829	804	788	822	861
Lahaina	651	617	626	635	674
Lokelani	597	573	550	553	594
Maui Waena	1,084	1,112	1,095	1,109	1,143
Moloka'i Middle	179	209	209	197	179
<b>High Schools</b>					
Baldwin	1,612	1,598	1,538	1,467	1,398
King Kekaulike	1,116	1,066	1,017	1,086	1,043
Lahainaluna	1,057	1,063	1,028	1,014	964
Maui	1,826	1,870	1,908	1,931	1,906
Moloka'i	326	318	336	353	340
<b>Multi-Level Schools</b>					
Hāna High & Elem.	341	346	336	341	337
Lāna'i High & Elem.	543	530	582	567	557
<b>Total</b>	<b>20,779</b>	<b>21,119</b>	<b>21,330</b>	<b>20,950</b>	<b>20,937</b>

1. Opened in August 2013.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION.

## 2.4

## STUDENT PROFILES IN PUBLIC SCHOOLS MAUI COUNTY, 2014-2015

School	Fall Enrollment	Students Enrolled for Entire Year	Receiving Free or Reduced Cost Lunch	Students in Special Education	Students w/ Limited English Proficiency
<b>Elementary Schools</b>					
Ha'ikū	479	91.4%	55.3%	7.9%	4.8%
Kahului	983	95.1%	63.7%	5.3%	19.2%
Kamali'i	530	91.6%	37.7%	8.1%	7.5%
Kamehameha III	773	95.6%	50.9%	6.9%	15.1%
Kaunakakai	274	95.6%	77.0%	10.2%	4.0%
Kīhei	864	91.3%	55.2%	5.9%	12.6%
Kilohana	65	86.1%	86.1%	*	*
Kula	391	94.1%	50.6%	9.7%	2.5%
Lihikai	897	93.1%	69.5%	6.4%	18.9%
Makawao	527	94.4%	62.6%	11.7%	3.7%
Maunaloa	55	92.7%	96.3%	*	*
Nahi'ena'ena	724	96.2%	55.5%	8.1%	21.4%
Pā'ia	338	94.6%	60.3%	5.3%	3.2%
Pomaika'i	544	97.2%	22.7%	6.9%	2.2%
Pukalani	441	92.2%	56.2%	5.8%	4.9%
Pu'u Kukui	655	94.6%	40.4%	5.3%	7.3%
Waihe'e	742	96.3%	65.0%	6.1%	3.6%
Wailuku	704	92.8%	67.6%	8.3%	9.2%
<b>Intermediate Schools</b>					
Īao	889	95.5%	49.6%	9.8%	4.9%
Kalama	822	95.1%	55.3%	12.5%	1.7%
Lahaina	635	97.3%	56.8%	9.9%	11.8%
Lokelani	553	90.5%	49.9%	10.3%	6.8%
Maui Waena	1,109	96.6%	55.1%	7.1%	11.0%
Moloka'i Middle	197	94.9%	78.1%	12.6%	*
<b>High Schools</b>					
Baldwin	1,467	94.4%	37.7%	10.0%	3.7%
King Kekaulike	1,086	94.4%	45.0%	13.9%	1.7%
Lahainaluna	1,014	95.3%	38.2%	11.8%	12.8%
Maui	1,931	93.6%	40.6%	10.0%	8.3%
Moloka'i	353	94.3%	69.4%	13.3%	*
<b>Multi-Level Schools</b>					
Hāna High & Elem.	341	95.0%	76.5%	12.0%	*
Lāna'i High & Elem.	567	95.7%	41.0%	15.3%	11.2%
<b>Total</b>	<b>20,950</b>				

\* Data not reported to maintain student confidentiality. See the Family Educational Rights and Privacy Act (FERPA).

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2014-2015.

## 2.5

## ETHNIC PROFILES IN PUBLIC SCHOOLS MAUI COUNTY, 2014-2015

School	Chinese	Filipino	Hawaiian	Japanese	Portuguese	Hispanic	White	Other <sup>1</sup>
<b>Elementary Schools</b>								
Ha'ikū	0.6%	4.2%	22.4%	4.6%	3.0%	3.0%	50.6%	11.6%
Kahului	1.1%	50.3%	18.5%	6.0%	1.3%	2.6%	3.3%	16.9%
Kamali'i	0.1%	8.7%	10.0%	1.8%	0.7%	8.7%	62.5%	7.5%
Kamehameha III	1.0%	17.9%	13.7%	3.5%	0.3%	16.1%	32.4%	15.1%
Kaunakakai	0.6%	15.5%	68.2%	3.8%	0.0%	0.9%	7.7%	3.3%
KThei	0.3%	29.1%	19.2%	1.8%	1.0%	9.8%	28.1%	10.7%
Kilohana	0.0%	2.9%	83.8%	0.0%	0.0%	0.0%	8.8%	4.5%
Kula	1.5%	2.7%	32.2%	5.5%	4.5%	4.5%	41.8%	7.3%
Lihikai	0.5%	43.5%	18.7%	3.4%	2.4%	7.7%	3.8%	20.0%
Makawao	0.7%	9.4%	37.5%	5.8%	8.3%	4.3%	25.0%	9.0%
Maunaloa	1.6%	3.2%	88.5%	0.0%	0.0%	0.0%	6.5%	0.2%
Nahi'ena'ena	0.0%	47.4%	22.8%	1.8%	0.2%	10.6%	7.6%	9.6%
Pā'ia	0.5%	8.4%	68.7%	2.6%	3.2%	0.8%	9.0%	6.8%
Pomaika'i	1.4%	35.0%	14.1%	15.9%	1.7%	2.5%	22.8%	6.6%
Pukalani	0.6%	11.7%	34.3%	10.6%	6.2%	4.2%	21.7%	10.7%
Pu'u Kukui	2.3%	19.0%	21.0%	15.5%	3.8%	2.6%	19.0%	16.8%
Waihe'e	0.3%	25.2%	50.5%	4.6%	2.9%	1.0%	7.0%	8.5%
Wailuku	1.1%	18.0%	33.1%	9.8%	4.0%	4.0%	8.2%	21.8%
<b>Intermediate Schools</b>								
Ītao	2.5%	24.3%	37.9%	9.9%	2.2%	2.9%	8.4%	11.9%
Kalama	1.4%	10.8%	38.5%	6.4%	5.0%	4.7%	25.3%	7.9%
Lahaina	1.2%	36.2%	17.4%	3.4%	0.1%	14.7%	16.5%	10.5%
Lokelani	0.1%	26.4%	16.6%	2.9%	0.5%	9.3%	31.5%	12.7%
Maui Waena	1.8%	54.9%	17.7%	5.5%	1.3%	3.6%	3.7%	11.5%
Moloka'i Middle	0.0%	14.3%	81.5%	0.0%	0.0%	0.0%	2.0%	2.2%
<b>High Schools</b>								
Baldwin	2.2%	23.7%	31.4%	11.3%	2.3%	4.2%	12.2%	12.7%
King Kekaulike	1.2%	12.3%	31.9%	6.2%	5.2%	4.2%	29.9%	9.1%
Lahainaluna	0.6%	35.6%	19.0%	3.4%	0.8%	15.9%	16.0%	8.7%
Maui	0.5%	51.6%	15.9%	5.4%	1.3%	4.4%	11.1%	9.8%
Molokai	0.0%	13.9%	77.2%	1.7%	0.0%	0.5%	4.2%	2.5%
<b>Multi-Level Schools</b>								
Hāna High & Elem.	0.0%	0.8%	76.4%	1.9%	0.2%	1.1%	13.3%	6.3%
Lāna'i High & Elem.	0.6%	51.4%	20.7%	2.5%	0.8%	2.7%	8.1%	13.2%

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

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2014-2015.

## 2.6

**COMMUNITY PROFILES IN PUBLIC SCHOOLS  
MAUI COUNTY, 2014-2015**

<b>School Community</b>	<b>Population</b>	<b>% of Population Aged 5-19</b>	<b>Median Age</b>	<b>Number of Family Households</b>	<b>Median Household Income</b>
State of Hawaii	1,360,301	18.4%	38.6	313,907	\$66,420
Baldwin Complex	29,861	20.3%	38.2	6,740	\$83,311
King Kekaulike Complex	38,220	18.6%	41.0	9,388	\$68,744
Lahainaluna Complex	22,157	17.2%	38.9	4,767	\$74,490
Maui Complex	51,920	18.2%	39.6	11,562	\$75,378
Hāna Complex	2,285	19.1%	40.1	483	\$69,777
Lānaʻi Complex	3,136	19.8%	38.6	788	\$56,264
Molokaʻi Complex	7,258	21.4%	40.2	1,765	\$49,391

Note: All figures based on 2010 Census.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2014-2015.

## 2.7

## COMMUNITY EDUCATION ATTAINMENT LEVEL IN PUBLIC SCHOOLS, MAUI COUNTY

School Community	College Graduate	Some College	High School	Less than High School Graduate
State of Hawai'i	29.4%	31.4%	29.0%	10.2%
Baldwin Complex	22.3%	31.5%	35.2%	10.8%
King Kekaulike Complex	30.7%	34.5%	26.7%	7.9%
Lahainaluna Complex	23.0%	31.2%	32.0%	13.5%
Maui Complex	25.8%	30.8%	30.9%	12.3%
Hāna Complex	20.6%	29.3%	39.8%	10.1%
Lāna'i Complex	20.4%	25.8%	35.2%	18.4%
Moloka'i Complex	22.0%	27.6%	37.1%	13.1%

Note: All figures based on 2010 Census.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2014-2015.

## 2.8

## SCHOOL COMPLETION IN PUBLIC SCHOOLS MAUI COUNTY, 2014-2015

School	Total Completers <sup>1</sup>	Diploma Graduates	Certificate of Completion	Individual Program	School Dropouts <sup>2</sup>
<b>High Schools</b>					
Baldwin	94.9%	94.9%	0.0%	0.0%	14.8%
King Kekaulike	94.8%	93.1%	0.0%	1.7%	20.9%
Lahainaluna	92.1%	90.9%	0.0%	1.2%	17.8%
Maui	97.3%	95.8%	0.0%	1.4%	18.2%
Moloka'i	97.3%	97.3%	0.0%	0.0%	*
<b>Multi-Level Schools</b>					
Hāna High & Elem.	100.0%	92.0%	0.0%	8.0%	*
Lāna'i High and Elem.	94.2%	94.2%	0.0%	0.0%	*

1. Completers statistics are based on the number of students in the senior class.

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

\* Data not reported to maintain student confidentiality.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2014-2015.

## 2.9

## TEACHING STAFF PROFILES IN PUBLIC SCHOOLS MAUI COUNTY, 2014-2015

School	Teacher Headcount	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>						
Ha'ikū	30	20	11	15.4	18.3	6.3
Kahului	58	35	23	13.8	19.7	6.6
Kamali'i	33	13	15	10.7	18.0	7.1
Kamehameha III	46	29	20	11.2	19.9	9.0
Kaunakakai	21	15	8	13.2	16.4	4.6
Kīhei	56	27	16	9.5	17.6	7.2
Kilohana	9	7	2	11.8	7.3	6.0
Kula	24	14	6	15.1	16.8	12.6
Lihikai	56	39	15	15.6	17.4	8.2
Makawao	40	26	9	14.6	15.5	6.8
Maunaloa	7	3	3	10.9	8.6	6.0
Nahi'ena'ena	47	21	18	10.5	18.4	7.3
Pā'ia	18	7	4	11.1	21.3	6.0
Pomaika'i	37	24	12	12.3	17.4	5.4
Pukalani	25	12	11	11.4	19.7	6.5
Pu'u Kukui	35	0	12	12.7	20.0	8.7
Waihe'e	45	31	15	14.5	18.3	7.6
Wailuku	48	33	19	13.7	16.1	7.3
<b>Intermediate Schools</b>						
Īao	53	25	16	11.0	18.6	8.8
Kalama	54	37	21	16.6	16.5	10.3
Lahaina	41	27	22	11.6	17.8	10.5
Lokelani	38	22	16	11.2	15.5	9.5
Maui Waena	62	38	23	13.7	19.0	11.2
Moloka'i Middle	14	10	3	15.4	15.6	8.3
<b>High Schools</b>						
Baldwin	78	52	37	13.5	20.9	11.3
King Kekaulike	64	44	36	12.3	18.3	11.6
Lahainaluna	65	38	25	10.9	17.8	10.0
Maui	117	65	52	11.6	18.0	9.7
Moloka'i	23	20	9	15.6	16.1	11.7
<b>Multi-Level Schools</b>						
Hāna High & Elem.	29	18	9	12.1	13.6	6.8
Lāna'i High & Elem.	43	19	11	10.2	15.0	8.7
<b>Total</b>	<b>1,316</b>	<b>771</b>	<b>499</b>			

SOURCE: HAWAII'S STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2014-2015.

## 2.10

## SUBJECT PROFICIENCIES IN PUBLIC SCHOOLS MAUI COUNTY, 2014-2015

School	Grade	% Proficient Reading	% Proficient Math	% Proficient Science <sup>1</sup>
<b>Elementary Schools</b>				
Ha'ikū	4	59%	58%	65%
Kahului	4	46%	40%	43%
Kamali'i	4	54%	55%	77%
Kamehameha III	4	48%	36%	50%
Kaunakakai	4	42%	35%	47%
Kihei	4	66%	59%	62%
Kilohana	3	31%	44%	NA
Kula	4	76%	62%	76%
Lihikai	4	45%	54%	54%
Makawao	4	36%	47%	48%
Maunaloa	4	43%	25%	21%
Nahi'ena'ena	4	39%	40%	42%
Pā'ia	4	45%	40%	42%
Pomaika'i	4	71%	70%	65%
Pukalani	4	36%	48%	50%
Pu'u Kukui	4	46%	42%	63%
Waihe'e	4	48%	58%	56%
Wailuku	4	40%	35%	42%
<b>State Average</b>	4	48%	46%	54%
<b>Intermediate Schools</b>				
Īao	8	43%	37%	40%
Kalama	8	47%	45%	45%
Lahaina	8	26%	22%	25%
Lokelani	8	56%	43%	36%
Maui Waena	8	40%	31%	41%
Moloka'i Middle	8	40%	42%	28%
<b>State Average</b>	8	47%	39%	37%
<b>High Schools</b>				
Baldwin	11	54%	33%	26%
King Kekaulike	11	47%	16%	36%
Lahainaluna	11	42%	21%	25%
Maui	11	55%	32%	22%
Moloka'i	11	37%	23%	16%
<b>State Average</b>	11	53%	29%	31%
<b>Multi-Level Schools</b>				
Hāna High & Elem.	11	29%	14%	5%
Lāna'i High & Elem.	11	NA	45%	NA
<b>State Average</b>	11	53%	29%	31%

1. The HCPS Science assessment is given in grades 4 and 8. High School HCPS Science assessment results are from an end-of-course exam given to high school students enrolled in Biology 1.

NA: Not available

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2014-2015.



**PRIVATE SCHOOL CHARACTERISTICS  
MAUI COUNTY, 2013-2014**

School	Classroom Teachers (FTE)	Student Teacher Ratio	American		Asian	Black	Hispanic	White	Native		Two or more races
			Indian/Alaskan	Native					Hawaiian/Pacific Islander		
Aka'ula School	2.6	13.5	2	2	4	0	1	2	26	0	0
Carden Academy of Maui	14.0	9.1	0	0	0	4	2	121	0	0	0
Clearview Christian Girl's School	2.9	5.2	0	0	1	2	0	0	7	5	5
Doris Todd Christian Academy	10.3	14.2	1	24	0	0	9	74	25	13	13
Emmanuel Lutheran	10.0	13.2	1	11	3	38	20	8	51	51	51
Hoomana Hou	1.0	6.0	0	0	0	0	0	0	0	6	6
Ka'ahumanu Hou Christian	6.8	10.0	0	23	0	14	17	14	14	0	0
Kamehameha Schools Maui	120.0	8.4	0	0	0	0	0	0	1,008	0	0
Maui Preparatory Academy	16.9	9.5	4	43	1	5	80	17	11	11	11
Montessori Hale O Keiki	6.6	5.0	0	5	0	2	11	4	4	11	11
Montessori School of Maui	8.9	28.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sacred Hearts Elementary	12.8	11.2	0	18	0	8	59	36	23	23	23
Seabury Hall	50.8	8.7	2	10	2	8	221	80	118	118	118
St. Anthony Grade School	7.1	20.3	4	35	0	3	17	48	37	37	37
St. Anthony Junior & Senior High	16.1	10.1	0	9	1	4	39	0	109	109	109

NA: Not available

SOURCE: NATIONAL CENTER FOR EDUCATIONAL STATISTICS (NCES).

2.12

**PRIVATE SCHOOL TUITION  
MAUI COUNTY**

<b>School</b>	<b>Tuition Fees \$</b>
Carden Academy of Maui	10,400 - 10,900
Doris Todd Christian Academy	6,170 - 7,072
Emmanuel Lutheran	6100 - 7,100
Haleakalā Waldorf	600 per month - 14,900
Horizons Academy of Maui	27,600
Kaahumanu Hou Christian	4,500 - 5,850
Kamehameha Schools Maui	4,083 - 5,023
Maui Adventist	5,020
Maui Preparatory Academy	10,200 - 17,350
Montessori Hale O Keiki	9,850 - 11,450
Montessori School of Maui	12,743 - 15,004
ROOTS School of Maui	700 per month
Sacred Hearts Elementary	6,530 - 6,930
Seabury Hall	18,950
St. Anthony Grade School	5,400
St. Anthony Junior & Senior High	5,400 - 11,000

SOURCE: HONOLULU MAGAZINE AND HAWAII ASSOCIATION OF INDEPENDENT SCHOOLS (HAIS), 2016 HAWAII PRIVATE SCHOOL GUIDE.

**PRIVATE SCHOOL ENROLLMENT BY GRADES  
MAUI DISTRICT, 2014-2015**

School	EC*	PreK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total
Carden Academy of Maui	0	0	10	10	16	16	16	18	18	14	12	0	0	0	0	130
Clearview Christian Girl's School	0	0	0	0	0	0	0	0	3	2	7	2	1	1	1	17
Doris Todd Memorial Christian	0	30	17	14	16	17	11	20	17	13	11	0	0	0	0	166
Emmanuel Lutheran	0	34	22	14	16	18	18	16	14	18	9	0	0	0	0	179
Haleakalā Waldorf	20	24	44	25	28	20	22	25	25	23	24	12	17	4	0	313
Ka'ahumanu Hou Christian	0	60	8	5	4	0	4	2	4	6	3	3	4	6	3	112
Kamehameha Schools Maui	0	0	40	40	40	48	48	48	108	108	108	120	120	120	120	1,068
Maui Adventist	0	0	0	2	3	1	4	2	2	4	2	0	0	0	0	20
Maui Christian Academy	0	0	0	0	0	0	0	0	0	0	0	4	1	3	0	8
Maui Preparatory Academy	0	16	17	11	13	12	14	12	12	17	7	12	24	11	12	190
Montessori Hale O Keiki	0	20	10	3	6	3	4	6	4	2	2	0	0	0	0	60
Montessori School of Maui	12	60	50	23	23	23	23	15	11	8	8	0	0	0	0	256
ROOTS School of Maui	0	16	8	4	5	2	6	5	6	5	4	0	0	0	0	61
Sacred Hearts School	0	34	18	25	22	14	16	17	16	20	11	0	0	0	0	193
Seabury Hall	0	0	0	0	0	0	0	0	44	45	47	86	82	74	77	455
St. Anthony Grade School	0	0	18	19	13	18	19	16	25	0	0	0	0	0	0	128
St. Anthony Junior & Senior High	0	0	0	0	0	0	0	0	0	29	30	28	20	21	16	144
<b>Total</b>	<b>32</b>	<b>294</b>	<b>262</b>	<b>195</b>	<b>205</b>	<b>192</b>	<b>205</b>	<b>202</b>	<b>309</b>	<b>314</b>	<b>285</b>	<b>267</b>	<b>269</b>	<b>240</b>	<b>229</b>	<b>3,500</b>

\* Early Childhood Education Program.

SOURCE: HAWAII ASSOCIATION OF INDEPENDENT SCHOOLS, PRIVATE SCHOOL ENROLLMENT REPORT 2014-2015.

2.14

**LIBRARY HOLDINGS AND CIRCULATION  
HAWAI‘I STATE PUBLIC LIBRARY SYSTEM  
MAUI COUNTY**

<b>As of June 30</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Library Locations <sup>1</sup>	8	8	8	8
Personnel	42	42	42	42
Circulation, year ending June 30	649,392	710,835	671,716	642,008
<b>Collections</b>				
Books	392,661	400,244	394,186	392,194
Periodical Subscriptions	778	788	662	631
DVDs and Videotapes	21,818	22,965	23,710	23,829
Sound Recordings	19,993	19,885	20,058	19,812

1. Includes libraries on Lāna‘i (one location), Maui (six locations), and Moloka‘i (one location).

SOURCE: HAWAI‘I STATE PUBLIC LIBRARY SYSTEM, OFFICE OF THE STATE LIBRARIAN.

2.15

**LIBRARY HOLDINGS AND CIRCULATION  
UNIVERSITY OF HAWAI‘I MAUI COLLEGE**

<b>Year</b>	<b>Number of volumes June 30<sup>1</sup></b>	<b>Circulation Year ended June 30</b>	<b>Number of electronic titles<sup>2</sup></b>	<b>Number of electronic full-text items retrieved</b>
2004	55,220	9,680	NA	NA
2005	57,408	7,756	NA	NA
2006	59,489	6,800	NA	NA
2007	61,572	15,392	NA	NA
2008	61,853	21,477	108,554	29,301
2009	63,967	7,865	69,280	16,291
2010	64,402	38,908	69,237	40,539
2011	65,291	42,783	93,709	126,191
2012	65,291	20,920	112,030	159,327
2013	64,361	21,548	120,356	NA
2014	69,344	19,833	140,987	196,965

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

2. Electronic titles include books, journals, databases.

NA: Not available

SOURCE: UNIVERSITY OF HAWAI‘I AT MĀNOA, UNIVERSITY LIBRARIES.

## 2.16

## DEGREES AND CERTIFICATES EARNED UNIVERSITY OF HAWAI‘I MAUI COLLEGE

*Fiscal years (July 1 to June 30)*

	2011	2012	2013	2014	2015
<b>Total</b>	<b>482</b>	<b>560</b>	<b>601</b>	<b>660</b>	<b>575</b>
<b>General</b>	<b>152</b>	<b>161</b>	<b>181</b>	<b>272</b>	<b>256</b>
Hawaiian Studies (Associate)	0	0	8	10	12
Liberal Arts (Associate)	152	161	171	261	243
Natural Sciences (Associate of Science)	0	0	2	1	1
<b>Career &amp; Technical Education</b>	<b>330</b>	<b>399</b>	<b>420</b>	<b>388</b>	<b>319</b>
Business Education	73	101	102	110	78
Certificate of Achievement	35	40	49	42	16
Associate of Applied Science	35	57	48	59	57
Bachelor of Applied Science	3	4	5	9	5
<b>Food Services</b>	<b>39</b>	<b>68</b>	<b>74</b>	<b>73</b>	<b>44</b>
Certificate of Achievement	18	24	32	25	8
Associate of Applied Science	21	44	42	48	36
<b>Health Services</b>	<b>150</b>	<b>125</b>	<b>144</b>	<b>116</b>	<b>106</b>
Certificate of Achievement	76	66	72	55	50
Associate of Science	74	59	72	61	56
<b>Public Services</b>	<b>30</b>	<b>42</b>	<b>36</b>	<b>33</b>	<b>39</b>
Certificate of Achievement	11	21	14	15	15
Associate of Science	9	12	15	12	16
Associate of Applied Science	10	9	7	6	8
<b>Technology</b>	<b>38</b>	<b>63</b>	<b>64</b>	<b>56</b>	<b>52</b>
Certificate of Achievement	15	23	20	18	16
Associate of Science	12	8	12	4	11
Associate of Applied Science	11	29	28	30	19
Associate in Technical Studies	0	0	0	0	4
Bachelor of Applied Science	0	3	4	4	42

SOURCE: UNIVERSITY OF HAWAI‘I, INSTITUTIONAL RESEARCH AND ANALYSIS OFFICE, DEGREES AND CERTIFICATES EARNED.

## 2.17

## HIGH SCHOOL GRADUATES ENTERING THE UNIVERSITY OF HAWAI'I SYSTEM BY HIGH SCHOOL, FALL 2015

Maui County	Total Graduates	UH System	Mānoa	Hilo	West O'ahu	Maui College	Other Campuses
<b>Public Schools</b>	1355	442	60	17	0	321	44
Baldwin	338	111	14	3	0	86	8
Hāna	25	10	0	6	0	3	1
Kīhei Charter School	43	14	2	0	0	12	0
King Kekaulike	222	64	13	3	0	46	2
Lahainaluna	223	70	11	1	0	54	4
Maui	397	139	17	1	0	109	12
Lāna'i	33	15	2	0	0	1	12
Moloka'i	74	19	1	3	0	10	5
<b>Private Schools</b>	229	54	14	2	0	37	1
Akaula	3	0	0	0	0	0	0
Hoomana Hou	2	0	0	0	0	0	0
Ka'ahumanu Hou	3	1	0	0	0	1	0
Kamehameha Maui	118	41	8	2	0	30	1
Maui Preparatory	10	3	0	0	0	3	0
Saint Anthony	15	3	2	0	0	1	0
Seabury Hall	78	6	4	0	0	2	0

SOURCE: UNIVERSITY OF HAWAI'I, INSTITUTIONAL RESEARCH AND ANALYSIS OFFICE, HIGH SCHOOL BACKGROUND OF FIRST-TIME STUDENTS, FALL 2015.

## 2.18

## ENROLLMENT PROJECTIONS UNIVERSITY OF HAWAI'I MAUI COLLEGE

	Historic	Projections					
	2014	2015	2016	2017	2018	2019	2020
<b>Total</b>	3,809	3,702	3,608	3,566	3,550	3,516	3,518
<b>Status</b>							
Full-time	1,325	1,288	1,255	1,240	1,235	1,223	1,224
Part-time	2,484	2,414	2,353	2,326	2,315	2,293	2,294
<b>Degree Type</b>							
Liberal Arts	1,707	1,617	1,557	1,529	1,518	1,502	1,503
Career & Technical Ed	1,548	1,529	1,507	1,498	1,496	1,486	1,488
Unclassified	507	511	501	497	494	487	486
Home-based at Other UH Campus	198	198	195	190	186	184	180

SOURCE: STATE OF HAWAI'I, INSTITUTIONAL RESEARCH AND ANALYSIS OFFICE.

## 2.19

## HISTORICAL ENROLLMENT, FACULTY & STAFF UNIVERSITY OF HAWAI'I MAUI COLLEGE

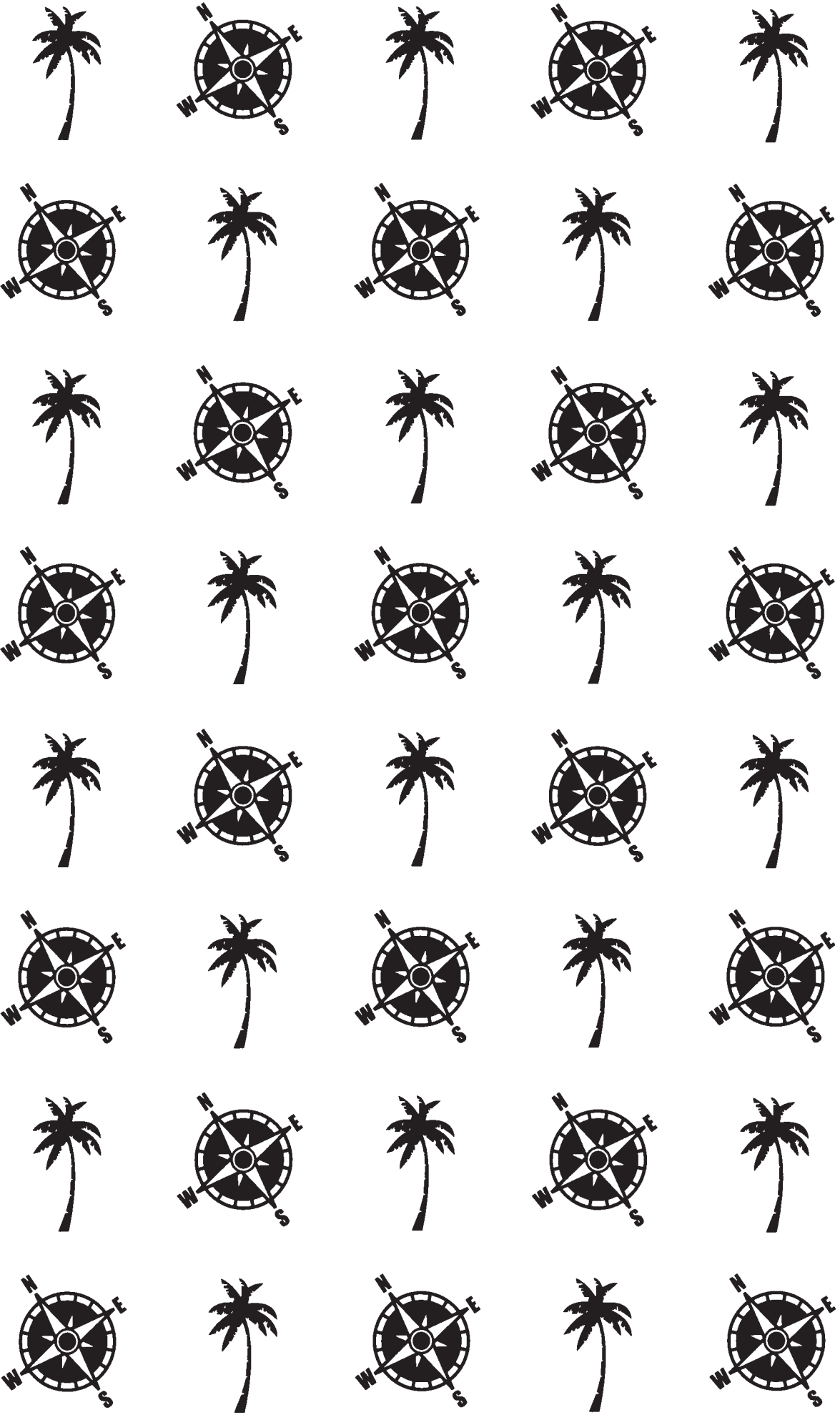
Fall Semester	Total	Students Enrolled	
		Full-time <sup>1</sup>	Part-time <sup>1</sup>
2000	2,678	998	1,680
2001	2,699	982	1,717
2002	2,989	1,042	1,947
2003	2,985	1,085	1,900
2004	2,996	1,146	1,850
2005	2,903	1,163	1,740
2006	2,841	1,118	1,723
2007	2,981	1,145	1,836
2008	3,287	1,328	1,959
2009	4,114	1,733	2,381
2010	4,367	1,830	2,537
2011	4,527	1,681	2,846
2012	4,382	1,644	2,738
2013	4,076	1,460	2,616
2014	3,809	1,325	2,484
2015	3,593	1,283	2,310

	Number of Employees		
	2013	2014	2015
Board of Regents Appointees	339	328	306
Faculty	274	259	236
Professor <sup>2</sup>	13	16	14
Associate Professor <sup>2</sup>	14	12	13
Assistant Professor <sup>2</sup>	37	36	32
Instructor <sup>2</sup>	30	30	31
Lecturer	158	145	128
Other	22	20	18
Support Staff	57	61	61
Executive Staff	8	8	9
Civil Service Staff	55	52	56
<b>Total Employees</b>	<b>394</b>	<b>380</b>	<b>362</b>

1. Revised data from 2000 to 2007.

2. Revised data for 2013 and 2014.

SOURCE: UNIVERSITY OF HAWAI'I, INSTITUTIONAL RESEARCH AND ANALYSIS OFFICE.



# 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 1,170.9 square miles with a general coastline of 210 statute miles. The highest peak in the county is on Haleakalā, Maui with its 10,023 foot summit at Pu'u 'ula'ula (Red Hill); the largest stream is Kalialinui-Wai'ale Gulch, Maui, 18 miles; the most extensive lake or similar body, Keālia Pond (Marsh), Maui, 500 acres and the highest waterfall (in the county and in the state) is Kahiwa, Moloka'i, a 1,750-foot cascade.

The climate of Maui County is defined by average temperatures ranging from 83.8 degrees in the warmest month at Kahului Airport, Maui, to 67.3 degrees in the coolest month. Rainfall varies greatly. Annual averages for rainfall in the county range from 80 inches in Hāna, to 25 inches in Moloka'i, to 29 inches at Kapalua-West Maui Airport, to a mere 15 inches in Kihei and South Maui.

The State Land Use Commission currently zones 30,060 acres in Maui County as urban, 311,601 as conservation, 400,913 as agricultural and 8,326 as rural.

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, 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>6468.2</b>	<b>6,422.63</b>	<b>45.6</b>	<b>4,139,667</b>	<b>4,110,483</b>
<b>Counties<sup>4</sup></b>					
Hawai'i	4029.4	4,028.42	1.0	2,578,829	2,578,189
Maui	1170.9	1,161.52	9.4	749,389	743,373
Kalawao	13.0	11.99	1.0	8,314	7,674
Honolulu <sup>5</sup>	624.9	600.74	24.2	399,962	384,474
Kaua'i <sup>5</sup>	630.0	619.96	10.0	403,174	396,774
<b>Islands<sup>4</sup></b>					
Hawai'i	4029.4	4,028.42	1.0	2,578,829	2,578,189
Maui	777.9	771.99	5.9	497,850	494,074
Molokini <sup>6</sup>	0.0	0.04	0.0	23	23
Kaho'olawe	45.5	44.60	0.9	29,120	28,544
Lāna'i	141.9	141.07	0.8	90,797	90,285
Moloka'i	263.3	260.46	2.8	168,486	166,694
O'ahu	621.6	597.64	24.0	397,850	382,490
Kaua'i	561.2	552.35	8.8	359,136	353,504
Ni'ihau	68.7	67.60	1.1	43,968	43,264
Lehua	0.4	0.44	0.0	284	284
Ka'ula	0.2	0.25	0.0	158	158

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 0.036 square miles.

SOURCE: U.S. CENSUS BUREAU, 2010 CENSUS REDISTRICTING DATA (P.L. 94-171) SUMMARY FILE (FEBRUARY 2011), AND CALCULATIONS BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM, OFFICE OF PLANNING, STATE OF HAWAII DATA BOOK 2014 AND THE HAWAII STATE DATA CENTER, AND UNPUBLISHED RECORDS.

### 3.1.2

## GENERAL COASTLINE AND TIDAL SHORELINE BY COUNTY AND ISLAND

	General Coastline <sup>1</sup>		Tidal Shoreline <sup>2</sup>	
	Statute Miles	Kilometers <sup>3</sup>	Statute Miles	Kilometers <sup>3</sup>
<b>State Total</b>	<b>750</b>	<b>1,207</b>	<b>1,052</b>	<b>1,693</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
Ni'ihau	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

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

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

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

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

5. Excludes the Midway Islands, which are part of the Hawaiian Archipelago but not legally part of the State of Hawai'i. Midway has a general coastline of 20 miles and a tidal shoreline of 33 miles.

SOURCE: U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEAN SURVEY, THE COASTLINE OF THE UNITED STATES (1975).

### 3.1.3

## MAJOR NAMED WATERFALLS MAUI COUNTY

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

NA: Not available

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
	Ka'unu 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 (Ka'upō 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
	Ka'unuohua	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'uuanu 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

1. According to the 1995 Guinness Book of Records (p. 147), "The world's tallest mountain measured from its submarine base (3,280 fathoms) in the Hawaiian Trough to its peak is Mauna Kea... with a combined height of 33,480 ft., of which 13,796 ft. are above sea level."

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

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

## 3.1.5

### MISCELLANEOUS GEOGRAPHIC STATISTICS BY ISLAND

	State	Hawai'i	Maui	Kaho'olawe	Lāna'i	Molokai	O'ahu	Kaua'i	Ni'ihau
Extreme Length (miles)	NA	93.0	48.0	11.0	18.0	38.0	44.0	33.0	8.0
Extreme Width (miles)	NA	76.0	26.0	6.0	13.0	10.0	30.0	25.0	6.0
Miles of Sea Cliffs with Heights of 1,000 Feet or More <sup>1</sup>	33.0	4.0	-	-	1.0	14.0	-	11.0	3.0
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 2,000 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)	3,030.0	3,950.0	2,390.0	600.0	1,140.0	1,150.0	860.0	1,380.0	530.0
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

1. According to Lee S. Motteier, Geography and Map Division, Bernice P. Bishop Museum, the sea cliffs along the northeastern coast of Molokai between Umilehi Point and Pu'uka'ōkū Point drop 3,250 feet at an average slope of 58 degrees. These cliffs have been described by The Guinness Book of World Records (1995 edition, p. 154) as "the highest sea cliffs in the world."

NA: Not applicable.

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>TEMPERATURE</b>	<b>Station</b>	<b>Period of Record</b>	<b>Elevation (feet)</b>	<b>Annual Average</b>		<b>Warmest Month</b>		<b>Coolest Month</b>		<b>Record High</b>		<b>Record Low</b>	
				<b>High</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>°F</b>	<b>Date</b>	<b>°F</b>	<b>Date</b>
	Haleakalā Ranger Station	1949-2012	7,030	62.7	44.8	66.1	47.7	59.1	41.5	80	7/25/1953	27	2/26/1965
	Hāna Airport	1950-2012	70	80.8	67.4	83.6	69.8	78.2	63.9	94	11/3/1979	50	1/9/1953
	Kahului Airport	1954-2012	50	83.8	67.3	87.5	70.2	80.2	63.2	97	8/31/1994	48	1/20/1969
	Kailua (NE Maui, Inland)	1949-2012	700	76.2	63.5	79.0	65.8	73.9	60.5	88	9/18/1968	44	3/16/2009
	Kapalua Airport	1987-2012	240	81.9	69.1	85.6	71.9	78.2	66.0	98	4/20/2005	58	12/18/1988
	Molokaʻi Airport	1957-2012	450	81.4	67.6	85.4	71.0	77.4	63.1	96	4/14/1974	46	3/4/1987
	Lānaʻi Airport	1949-2012	1,300	79.3	62.7	82.7	65.8	75.8	59.2	93	7/2/2004	46	1/22/1955
	Lānaʻi City	1949-2012	1,620	75.4	62.4	78.5	65.1	72.5	59.5	92	10/20/2006	47	2/22/1973

<b>PRECIPITATION</b>	<b>Station</b>	<b>Annual Avg Inches</b>	<b>Days Precip ≥ 0.01 in.</b>	<b>Wettest Year</b>		<b>Driest Year</b>		<b>Wettest Month</b>		<b>Driest Month</b>		<b>1 Day Record</b>	
				<b>Inches</b>	<b>Year</b>	<b>Inches</b>	<b>Year</b>	<b>Inches</b>	<b>Month</b>	<b>Inches</b>	<b>Month</b>	<b>Inches</b>	<b>Date</b>
	Haleakalā Ranger Station	51.28	140	121.16	1980	17.71	1962	8.15	Jan	1.18	Jun	18.50	1/9/1980
	Hāna Airport	80.48	267	126.23	1965	49.64	1953	9.52	Mar	4.08	Jun	17.57	4/16/1968
	Kahului Airport	18.23	95	40.63	1989	6.76	1998	3.51	Jan	0.22	Jun	5.82	12/21/1955
	Kailua (NE Maui, Inland)	118.50	265	161.82	1969	79.20	1953	12.81	Mar	6.75	Jun	15.20	11/15/1965
	Kapalua Airport	28.62	157	48.43	2004	18.92	2000	4.54	Dec	1.00	Sept	8.14	3/24/2006
	Molokaʻi Airport	24.96	104	43.70	1963	11.06	2001	4.44	Jan	0.52	Jun	9.03	2/12/1989
	Lānaʻi Airport	18.82	58	47.66	1951	5.28	1999	3.29	Dec	0.50	Aug	10.45	11/10/1955
	Lānaʻi City	34.29	111	66.87	1968	15.64	1999	5.25	Jan	1.27	Jun	11.25	11/10/1955

SOURCE: U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, WESTERN REGIONAL CLIMATE CENTER, HAWAII CLIMATE SUMMARIES.



3.1.7

**MONTHLY RAINFALL AND TEMPERATURE AT SPECIFIED LOCATIONS  
MAUI COUNTY, 2015**

Rainfall	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
<b>Maui</b>													
Haleakalā Ranger Station	6.10	4.07	4.08	9.08	2.02	2.78	2.41	11.65	2.64	6.87	8.31	4.77	64.78
Hāna Airport	4.47	3.66	10.49	5.02	5.81	3.40	5.66	4.84	6.11	8.45	9.21	4.13	71.25
Kahului Airport	1.31	3.19	9.61	2.81	2.23	0.10	0.83	2.32	0.37	1.35	4.41	0.73	29.26
Kailua (NE Maui)	11.38	5.68	19.27	6.99	8.84	6.36	7.31	12.13	13.69	10.15	10.04	1.58	113.42
Kapalua Airport	2.63	1.59	4.77	3.56	4.02	1.12	1.34	2.78	1.19	3.23	4.71	2.05	32.99
Kīhei	1.42	2.05	3.30	2.51	NA	0.00	0.19	1.89	0.00	0.59	2.21	0.06	14.22
Kula Branch Station	4.12	5.76	1.62	1.32	1.11	1.27	3.29	7.03	7.09	4.01	3.18	0.06	39.86
‘Ohe‘o	1.46	5.71	5.14	7.71	5.83	6.87	6.08	11.17	10.13	5.23	10.02	6.54	81.89
Pā‘ia	2.90	1.38	5.71	4.95	NA	0.62	1.26	3.31	1.62	4.01	6.37	2.58	34.71
‘Ulupalakua Ranch	2.87	5.62	3.34	1.58	1.83	6.75	4.50	6.15	4.68	1.61	3.66	0.17	42.76
Waihe‘e	4.89	5.83	11.94	5.86	4.09	NA	3.93	6.07	4.90	7.76	6.24	2.21	63.72
<b>Moloka‘i</b>													
Maunaloa	1.81	1.96	2.91	0.48	1.17	0.60	0.98	7.66	4.05	1.90	2.93	0.56	27.01
Moloka‘i Airport	1.38	2.38	4.04	1.20	0.91	0.42	0.29	6.30	1.02	1.18	2.53	0.86	22.51
Kaunakakai	0.91	0.81	1.15	0.11	0.45	0.00	0.10	4.92	3.68	0.25	1.44	0.08	13.90

3.1.7

CONTINUED

Temperature <sup>1</sup>	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
<b>Maui</b>													
Haleakalā Ranger Station	NA	52.7	49.5	52.8	51.7	55.2	59.5	59.7	58.7	56.4	56.2	53.5	55.1
Hāna Airport	70.9	71.9	71.1	74.9	73.2	75.7	78.5	79.6	79.4	77.4	77.1	74.9	75.4
Kahului Airport	70.9	72.7	72.4	76.5	75.9	78.6	81.7	82.3	82.2	79.0	78.5	74.9	77.1
Kailua (NE Maui)	66.9	69.1	66.9	69.6	68.9	71.5	74.5	75.4	74.8	72.4	71.8	69.9	71.0
Kapalua Airport	71.6	73.3	71.7	75.5	74.4	78.2	81.4	82.2	82.1	79.3	77.8	75.1	76.9
Kula Branch Station	59.4	61.4	60.2	63.6	62.6	65.3	67.9	69.9	69.2	67.4	66.1	62.7	64.6
<b>Moloka'i</b>													
Moloka'i Airport	68.5	70.3	69.8	74.1	73.9	77.3	79.7	80.6	79.7	77.4	77.1	74.3	75.2

1. Average temperature for the month.  
NA: Not available

SOURCE: U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, WESTERN REGIONAL CLIMATE CENTER, HAWAII CLIMATE SUMMARIES.

### 3.1.8

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

Annual Rainfall, Inches					
	2011	2012	2013	2014	2015
<b>Maui</b>					
Haleakalā Ranger Station	33.18	13.37	NA	13.29	33.09
Hāna Airport	7.36	14.18	56.76	76.85	71.25
Kahului Airport	10.59	5.04	15.41	23.25	29.26
Kailua (NE Maui)	22.40	17.02	NA	21.65	NA
Kapalua Airport	23.82	19.07	18.84	36.06	32.99
Kīhei	7.42	2.17	6.76	17.97	14.22
Kula Branch Station	19.71	11.34	22.16	39.26	39.86
‘Ohe‘o	67.26	63.81	52.09	70.42	68.10
Pā‘ia	31.08	20.03	29.06	36.18	34.71
‘Ulupalakua Ranch	20.01	8.12	20.20	36.82	30.84
Waihe‘e	83.15	54.90	89.03	81.88	87.70
<b>Moloka‘i</b>					
Maunaloa	NA	1.75	1.42	16.95	14.88
Moloka‘i Airport	10.05	7.15	18.91	40.38	22.51
Kaunakakai	7.97	4.02	15.08	19.59	13.90
Average Annual Temperature, Fahrenheit					
	2011	2012	2013	2014	2015
<b>Maui</b>					
Haleakalā Ranger Station	54.1	50.5	NA	NA	51.7
Hāna Airport	NA	74.6	74.2	74.9	75.4
Kahului Airport	75.6	75.5	76.5	77.0	77.2
Kapalua Airport	75.1	75.8	78.2	76.7	77.0
Kula Branch Station	63.4	63.0	63.5	64.1	64.7
‘Ohe‘o	74.8	74.2	75.5	75.5	73.9
Waihe‘e	74.3	74.4	74.2	74.4	74.8
<b>Moloka‘i</b>					
Moloka‘i Airport	74.7	74.8	74.2	74.9	75.2

NA: Not available.

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

### 3.2.1

## TRENDS IN REAL PROPERTY TAX BASE MAUI COUNTY

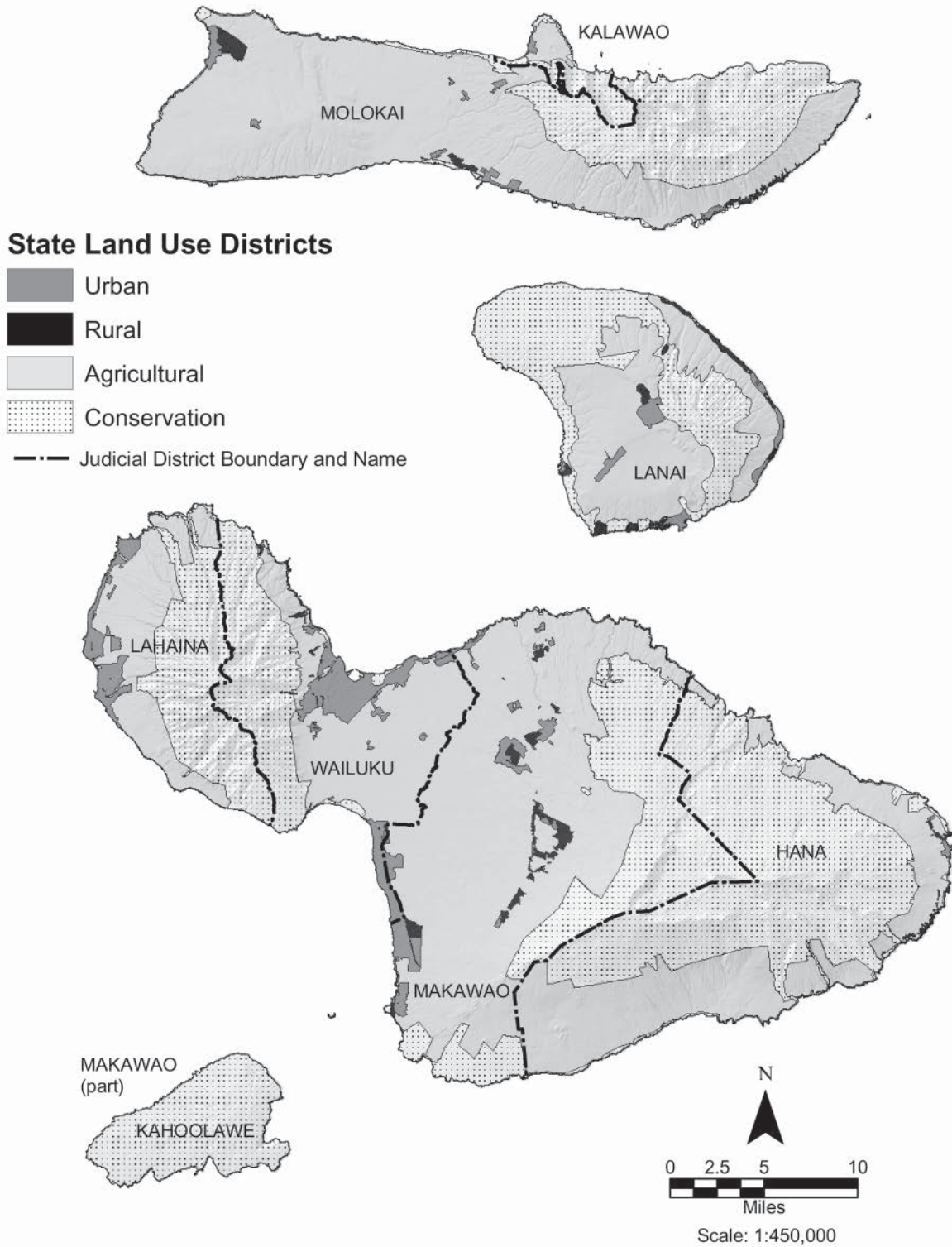
*Gross valuation in thousands  
As of mid-April*

	2010	2011	2012	2013	2014	2015
<b>Residential</b>	6,648,101	6,111,342	5,661,777	5,893,266	6,028,645	6,711,804
Land	4,538,591	4,000,496	3,503,854	3,601,197	3,686,699	4,070,656
Improvements	2,109,510	2,110,846	2,157,923	2,292,069	2,341,946	2,641,148
<b>Apartment</b>	5,803,389	5,183,099	4,734,126	4,916,549	5,234,865	5,946,767
Land	1,900,081	1,756,162	1,491,850	1,623,663	1,726,925	1,848,829
Improvements	3,903,308	3,426,937	3,242,276	3,292,887	3,507,941	4,097,938
<b>Commercial</b>	2,377,233	2,369,348	2,090,675	2,118,943	2,172,533	3,181,514
Land	1,466,493	1,464,329	1,183,383	1,196,976	1,222,050	2,043,733
Improvements	910,740	905,019	907,292	921,968	950,483	1,137,781
<b>Industrial</b>	1,744,516	1,562,690	1,617,626	1,793,130	1,628,188	1,869,580
Land	1,039,239	894,229	959,813	1,115,918	919,840	1,100,212
Improvements	705,277	668,461	657,813	677,213	708,349	769,368
<b>Agricultural</b>	362,732	3,138,433	3,134,209	3,401,327	3,515,172	3,762,908
Land	2,576,126	2,110,435	1,998,325	2,089,824	2,151,407	2,241,518
Improvements	1,051,200	1,027,998	1,135,884	1,311,504	1,363,765	1,521,390
<b>Conservation</b>	475,342	426,878	406,382	500,531	471,161	490,533
Land	335,975	297,308	281,471	295,211	281,645	285,855
Improvements	139,367	129,570	124,911	205,320	189,516	204,678
<b>Hotel/Resort</b>	856,798	7,535,906	7,374,930	7,404,724	8,884,090	9,378,253
Land	2,325,263	1,820,070	1,434,536	1,450,145	1,783,169	1,858,055
Improvements	6,242,720	5,715,836	5,940,394	5,954,578	7,100,922	7,520,198
<b>Homeowner</b>	15,422,085	13,523,899	12,111,365	12,172,724	12,911,672	14,318,802
Land	8,424,063	6,859,815	5,530,653	5,529,016	5,988,415	6,645,531
Improvements	6,998,022	6,664,084	6,580,712	6,643,709	6,923,257	7,673,272
<b>Time Share</b>	213,807	1,627,652	1,510,939	1,484,089	1,595,127	1,773,726
Land	348,275	205,659	173,172	169,889	191,541	202,790
Improvements	1,789,782	1,421,993	1,337,767	1,314,201	1,403,586	1,570,936
<b>Commercialized Residential</b>	73,823	70,464	75,248	94,183	109,353	120,166
Land	43,367	36,416	31,778	41,861	57,361	58,698
Improvements	30,456	34,048	43,470	52,323	51,992	61,469
<b>Total</b>	<b>46,877,855</b>	<b>41,549,711</b>	<b>38,717,277</b>	<b>39,779,467</b>	<b>42,550,806</b>	<b>47,554,054</b>

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: HAWAII STATE OFFICE OF PLANNING, HAWAII STATEWIDE GIS PROGRAM, APRIL 2013.

### 3.2.3

## ESTIMATED ACREAGE OF LAND USE DISTRICTS BY ISLAND, 2014

*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*

Classification by State Land Use Commission <sup>2</sup>					
Island	Total Area <sup>1</sup>	Urban	Conservation	Agricultural	Rural
Hawai'i <sup>3</sup>	2,573,400	54,145	1,304,347	1,212,886	2,023
Maui	465,800	24,191	194,836	242,720	4,053
Lāna'i	90,500	3,330	38,197	46,566	2,407
Moloka'i	165,800	2,539	49,768	111,627	1,866
Kaho'olawe	28,800	0	28,800	0	0
O'ahu	386,188	101,661	156,829	127,698	0
Kaua'i <sup>4</sup>	353,900	14,573	198,769	139,305	1,253
Ni'ihau <sup>4</sup>	45,700	0	0	45,700	0
Ka'ula and Lehua	400	0	400	0	0
Other islands <sup>5</sup>	1,900	0	1,900	0	0
<b>State Total</b>	<b>4,112,388</b>	<b>200,439</b>	<b>1,973,846</b>	<b>1,926,502</b>	<b>11,602</b>

1. These totals differ somewhat from the official figures based on measurements by the Geography Division of the U.S. Bureau of the Census, cited in Section 5.

2. For definitions, see Hawai'i Revised Statutes, Section 205-2.

3. County records update indicated 5 acres changed from Agricultural to Urban.

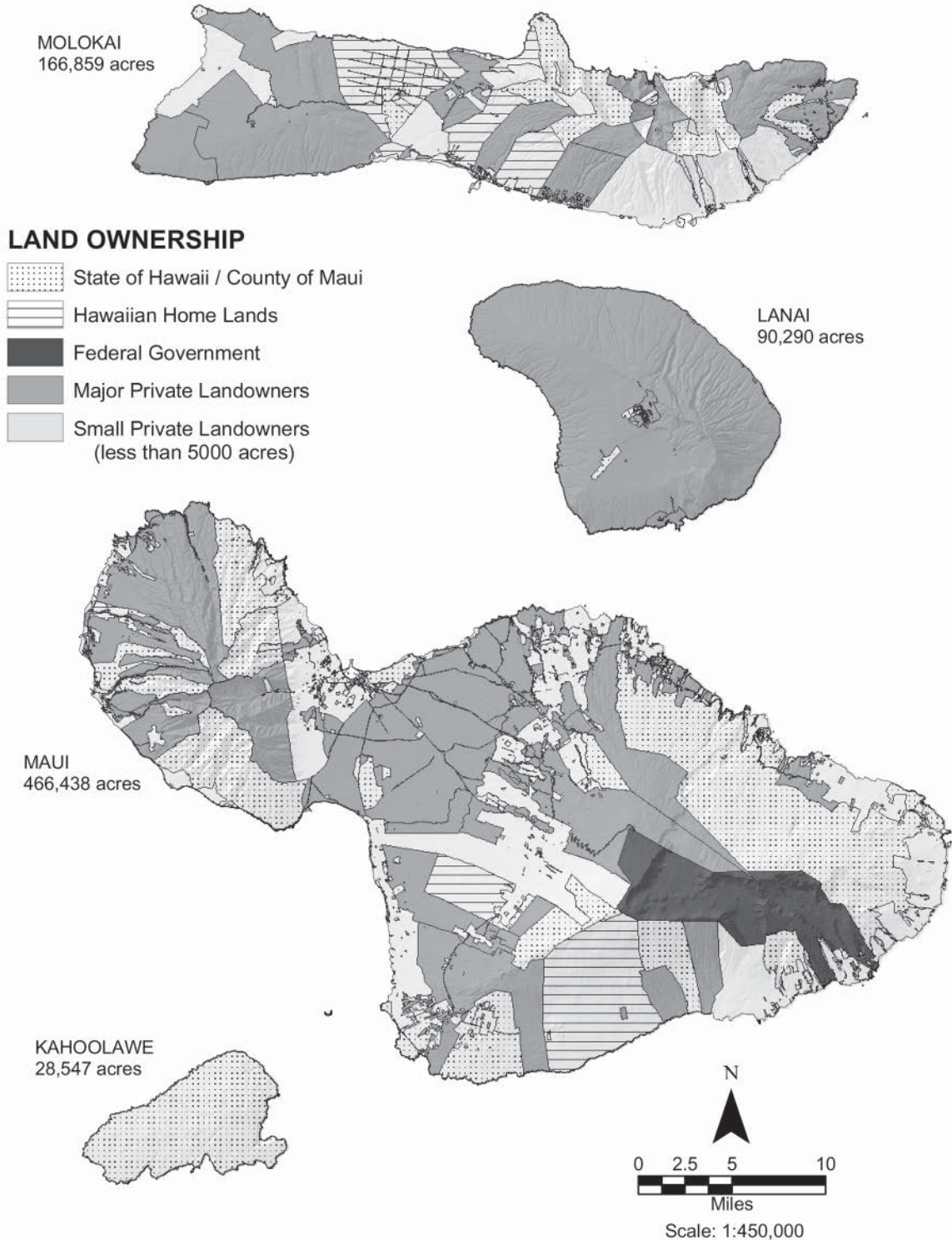
4. May be revised, pending updates of County records.

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

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

### 3.2.4

## LAND OWNERSHIP, MAUI COUNTY



SOURCE: HAWAII'S STATE OFFICE OF PLANNING, HAWAII'S STATEWIDE GIS PROGRAM, AUGUST 2013.

### 3.2.5

## NUMBER OF LAND RECORDS BY COUNTY

*For fiscal year ending June 30*

Year	Maui	Hawai'i	Honolulu	Kaua'i	State Total
1995	56,726	129,856	242,285	27,136	456,003
1996	57,665	130,623	246,933	27,916	463,137
1997	58,624	131,981	251,731	28,876	471,212
1998	59,505	132,605	253,886	29,126	475,122
1999	60,490	133,322	255,589	29,336	478,737
2000	61,897	134,308	258,121	29,553	483,879
2001	62,873	135,499	259,456	29,818	487,646
2002	NA	NA	260,662	30,097	NA
2003	60,472	133,321	252,435	28,432	474,660
2004	60,537	134,290	255,029	28,772	478,628
2005	61,273	134,021	258,415	28,936	482,645
2006	62,521	134,885	262,479	29,423	489,308
2007	64,597	136,612	268,441	30,831	500,481
2008	65,938	138,281	271,859	31,822	507,900
2009	67,981	139,167	274,483	32,398	514,029
2010	68,930	139,649	276,582	32,870	518,031
2011	70,365	139,883	277,581	32,993	520,822
2012	71,101	140,008	278,825	34,023	523,957
2013	71,234	140,196	279,754	34,172	525,356
2014	71,515	140,257	281,463	34,124	527,359
2015	71,907	140,336	285,092	33,370	530,705

NA: Not available

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



### 3.2.6

## NATIONAL AND STATE HISTORIC PLACES MAUI COUNTY

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### Island of Maui

'Alae Petroglyphs	Kamaole House Site
Alena Habitation Site	Kauhiale Complex
Asa Baldwin Residence	Kaupō School
Bank of Hawaii- Ha'ikū Branch	Ka'umi'umiua Heiau
Cave of Seven Coffins	Kearae School
Chee Kung Tong Society Hall	Keone'ō'io Archaeological Dist.
Crater Historic District	Ket Hing Society Hall
Frank Baldwin/H.F. Rice Res.	Kilolani Congregational Church
Fred C. Baldwin Memorial Home	King Kamehameha III's Royal Residential Complex
Gomes Residence	Kīpahulu Historic District
H. Perrine Baldwin High School	Kīpapa Archaeological District
Haiku Fruit & Packing Co. Manager's House	Kula Sanitorium
Haiku Mill	Lahaina Historic District
Hale Hō'ike'ike	Lo'alo'a Heiau
Hale Pa'i	Luala'ilua Cave
Haleki'i-Pihana Heiau	Luala'ilua Heiau
Hale o Lono Heiau	Luala'ilua Terrace Complex
Hāmoa Complex	Lucy Kaiewe Searle Residence
Hāna Belt Road	Ma'alaea General Store
Hāna Hongwanji Temple	Makawao Union Church
Hāna Police Station & Courthouse	Maui Jinsha Mission
Hāna Store	Moku'ula
Hanamau'uloa Complex	Molohai Heiau
Hardy House	Naniloa Drive Overpass Bridge
Holy Ghost Catholic Church	Old Bailey House
Honokalani Village	Pā'ia Mantokuji Soto Mission
Honokowai Petroglyphs	Pā'ia School
Īao Theater	Papakea Heiau
Ka'ahumanu Church	Papakea Petroglyphs
Kahikinui House	Pi'ilanihale Heiau
Kaiapuni Ko'a	Pioneer Mill Company Office
Kaimupe'elua Heiau	Pu'unēnē School
Kalepolepo Fishpond	Wahene Platform
Kaluakakalioa Cave	Wai'ale Bridge
Kaluanui Heiau Complex	Waihe'e Church

### 3.2.6

## CONTINUED

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### Island of Maui (Continued)

Waikapū Stone Church

Wailuku Civic Center District

Wailuku School

Wānanalua Congr. Church

William K. Kaluakini Residence

Wo Hing Society Hall

### Island of Kahoʻolawe

Kahoʻolawe Archaeological Dist.

### Island of Lānaʻi

Keāliakapu Complex-Kaunolu Village Site

Puʻu Pehe Platform

### Island of Molokaʻi

Ahahui Kalanianaʻole

ʻAhina Heiau

Aliʻi Pond

Anahaki Gulch Complex

Ananaluwahine Cave

California Packing Corp.'s Plantation Manager's Res.

Fishing shrine at Keawa Ka Lani

### FISHPONDS

Halemahana Fishpond

Honouliwai Fishtrap

Ipukaiole Fishpond

Kahinapōhaku Fishpond

Kainalu Fishpond

Kaluaʻaha Fishpond

Kipapa Fishpond

Kolokoʻeli Fishpond

Mahilika Fishpond

Mikiawa Fishpond

Pahiomu Fishpond

Panahana Fishpond

Waiakea Fishpond

Weheleauʻulu Fishpond

Hökūkano ʻUalapuʻe Complex

ʻIliʻiliʻōpae Heiau

Kahokukano Heiau

Kalauonākukui Heiau

Kaluakapiʻioho Heiau

Keawanui Fishpond

Kukui Heiau

Pākuʻi Heiau

Puʻuʻōlelo Heiau

ʻUalapuʻe Fishpond

Kahili Koa

Kalaupapa Leprosy Settlement

Kaluaʻaha Church

Kalualohe Complex

Kapeʻelua Complex

Kapukikani Heiau

Kaupikiawa Cave

Kawela archeological sites

Keawakalae Koʻa

Kilohana School

Luahine Maika (Bowling) Run

Molokaʻi Public Library

Nanahoa Complex

Nihoa Complex

R. W. Meyer Sugar Mill

Sandalwood Pit

Southwest Molokaʻi Archeological District

St. Joseph Catholic Church

U.S. Coast Guard Molokaʻi Light

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

### 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, 2014	Maui	Lānaʻi	Molokaʻi	Hawaiʻi	Kauaʻi	Oʻahu	State Total
<b>Acreage</b>							
Homestead Leases	NA	NA	NA	NA	NA	NA	NA
General Leases	2	0	1,764	741	98	234	2,839
Licenses	7,110	0	350	16,470	84	309	24,322
Others	6,351	25	9,982	19,122	1,184	1,853	38,517
<b>Homestead Leases</b>							
Residential	1,276	29	394	1,707	700	4,223	8,329
Agricultural	65	0	423	506	46	61	1,101
Pastoral	75	0	27	305	1	0	408
<b>Applications</b>							
Residential	3,686	72	763	5,718	1,616	10,480	22,335
Agricultural	4,562	0	1,055	7,039	2,206	3,575	18,437
Pastoral	590	0	195	1,929	309	0	3,023

NA: Not available

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

3.2.8

**DISPOSITION OF STATE LANDS  
MAUI COUNTY, 2015**

<b>Document Number</b>	<b>Permittee or Grantee Name</b>	<b>Location</b>	<b>Acres</b>	<b>Use</b>	<b>Payment</b>
<b>Revocable Permits</b>					
RP7863	Kaupo Community Association	Hāna	2.21	Landscaping	480
RP7864	John Coston and Gloria Coston	Wailuku	0.26	Agriculture	624
<b>General Leases &amp; Term Easements</b>					
GL6018	Alan Battersby and Lisena Quintiliani	Wailuku	0.046	Seawall	65,500
GL6079	AOAO of Leilani Kai	Wailuku	0.013	Pool and pool deck	51,900
GL6084	Snowed Inn Hostelry Inc	Lahaina	0.077	Seawall, stairs and filled area	170,000

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

## 3.2.9

## SINGLE FAMILY HOME AND CONDOMINIUM SALES BY AREA, MAUI COUNTY, 2015

Area	# Sales	% Change Last Yr	Avg. Price	% Change Last Yr	Median Price	% Change Last Yr	Total Volume	% Change Last Yr
<b><u>Single Family Homes</u></b>								
Central	400	33%	\$522,015	8%	\$507,286	14%	\$208,805,989	43%
Ha'ikū	81	11%	\$950,396	34%	\$700,000	8%	\$76,982,084	49%
Hāna	8	167%	\$901,613	110%	\$594,000	62%	\$7,212,900	461%
Kā'anapali	22	-19%	\$2,043,636	15%	\$1,785,000	12%	\$44,959,999	-7%
Kahakuloa	1	NA	\$656,000	NA	\$656,000	NA	\$656,000	NA
Kapalua	10	43%	\$3,005,000	-13%	\$2,848,000	-12%	\$30,050,000	24%
Kīhei	147	-5%	\$865,772	10%	\$600,000	0%	\$127,268,421	5%
Kipahulu	1	-50%	\$1,795,000	44%	\$1,795,000	44%	\$1,795,000	-28%
Kula/Ulupalakua/Kanaio	97	31%	\$933,087	6%	\$725,000	-8%	\$90,509,394	40%
Lahaina	51	-4%	\$1,133,269	-2%	\$700,000	-10%	\$57,796,730	-6%
Lāna'i	14	-22%	\$558,500	-40%	\$375,000	-19%	\$7,819,000	-54%
Makawao/Olinda/Hali'imaile	58	7%	\$658,790	14%	\$529,500	12%	\$38,209,847	22%
Maui Meadows	21	5%	\$1,187,471	-20%	\$1,025,000	-4%	\$24,936,888	-16%
Moloka'i	23	109%	\$453,232	77%	\$252,000	13%	\$10,424,330	269%
Nāhiku	3	200%	\$390,833	68%	\$367,500	58%	\$1,172,500	403%
Nāpili/Kahana/Honokōwai	30	-12%	\$867,793	-25%	\$881,000	17%	\$26,033,775	-34%
Olowalu	3	50%	\$1,168,333	-67%	\$1,475,000	-59%	\$3,505,000	-51%
Pukalani	69	28%	\$678,977	7%	\$624,000	8%	\$46,849,400	37%
Spreckelsville/Pā'ia/Ku'au	23	0%	\$892,478	-53%	\$610,000	-30%	\$20,527,000	-53%
Wailea/Mākena	27	-16%	\$3,930,833	27%	\$1,900,000	0%	\$106,132,500	7%
<b>Maui Summary</b>	<b>1,089</b>	<b>15%</b>	<b>\$855,507</b>	<b>-2%</b>	<b>\$580,000</b>	<b>2%</b>	<b>\$931,646,757</b>	<b>13%</b>
<b><u>Condominiums</u></b>								
Central	131	-20%	\$320,139	11%	\$315,000	13%	\$41,938,150	-11%
Ha'ikū	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Hāna	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Kā'anapali	102	-32%	\$1,261,621	11%	\$992,500	17%	\$128,685,375	-25%
Kapalua	42	20%	\$1,913,665	-16%	\$1,029,444	-14%	\$80,373,936	0%
Kīhei	444	7%	\$403,461	0%	\$343,250	7%	\$179,136,738	7%
Lahaina	103	43%	\$466,697	4%	\$440,000	5%	\$48,069,785	48%
Lāna'i	3	-50%	\$1,308,000	-28%	\$1,800,000	4%	\$3,924,000	-64%
Mā'alaea	43	19%	\$362,363	-19%	\$340,000	-12%	\$15,581,625	-4%
Moloka'i	17	13%	\$100,147	-12%	\$92,000	-3%	\$1,702,500	0%
Nāpili/Kahana/Honokōwai	197	-6%	\$443,811	4%	\$400,000	0%	\$87,430,833	-2%
Pukalani	4	100%	\$533,500	6%	\$497,000	-1%	\$2,134,000	112%
Spreckelsville/Pā'ia/Ku'au	2	-50%	\$1,014,250	10%	\$1,014,250	250%	\$2,028,500	-45%
Wailea/Mākena	111	21%	\$1,556,762	8%	\$1,026,880	1%	\$172,800,629	30%
<b>Maui Summary</b>	<b>1,199</b>	<b>0%</b>	<b>\$637,036</b>	<b>1%</b>	<b>\$410,000</b>	<b>-1%</b>	<b>\$763,806,071</b>	<b>1%</b>

NA: Not available

SOURCE: REALTORS ASSOCIATION OF MAUI, MLS SALE DATA, DECEMBER 2015.

### 3.2.10

## LAND SALES BY AREA, MAUI COUNTY, 2015

Area	# Sales	% Change Last Yr	Avg. Price	% Change Last Yr	Median Price	% Change Last Yr	Total Volume	% Change Last Yr
Central	26	0%	\$422,952	21%	\$263,000	-5%	\$10,996,741	21%
Ha'ikū	22	16%	\$556,991	-19%	\$417,500	-17%	\$12,253,800	-7%
Hāna	5	-50%	\$257,800	-68%	\$300,000	-18%	\$1,289,000	-84%
Honokohau	1	NA	\$300,000	NA	\$300,000	NA	\$300,000	NA
Kā'anapali	14	-48%	\$669,911	-37%	\$642,500	5%	\$9,378,750	-67%
Kahakuloa	1	-50%	\$377,000	-61%	\$377,000	-61%	\$377,000	-81%
Kapalua	2	-33%	\$2,950,000	42%	\$2,950,000	16%	\$5,900,000	-5%
Kaupo	1	NA	\$468,000	NA	\$468,000	NA	\$468,000	NA
Kearae	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Kīhei	15	7%	\$509,767	22%	\$450,000	39%	\$7,646,500	31%
Kula/Ulupalakua/ Kanaio	19	27%	\$537,961	-1%	\$550,000	-15%	\$10,221,250	25%
Lahaina	10	-17%	\$617,200	-34%	\$508,500	-28%	\$6,172,000	-45%
Lāna'i	3	NA	\$563,333	NA	\$350,000	NA	\$1,690,000	NA
Makawao/ Olinda/Hali'imaile	5	-55%	\$714,000	26%	\$285,000	-19%	\$3,570,000	-43%
Maui Meadows	1	-50%	\$625,000	30%	\$625,000	30%	\$625,000	-35%
Moloka'i	11	120%	\$89,136	-12%	\$56,000	-54%	\$980,500	94%
Nāhiku	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Nāpili/Kahana/ Honokōwai	1	-67%	\$975,000	40%	\$975,000	34%	\$975,000	-53%
Olowalu	2	0%	\$875,000	16%	\$875,000	16%	\$1,750,000	16%
Pukalani	3	0%	\$818,333	182%	\$550,000	139%	\$2,455,000	182%
Spreckelsville/ Pā'ia/Ku'au	0	-100%	\$0	-100%	\$0	-100%	\$0	-100%
Wailea/Mākena	12	71%	\$4,942,083	218%	\$4,630,000	199%	\$59,305,000	445%
<b>Maui Summary</b>	<b>154</b>	<b>-7%</b>	<b>\$885,413</b>	<b>23%</b>	<b>\$447,650</b>	<b>-14%</b>	<b>\$136,353,541</b>	<b>14%</b>

NA: Not available

SOURCE: REALTORS ASSOCIATION OF MAUI, MLS SALE DATA, DECEMBER 2015.

### 3.2.11

## FOREST AND NATURAL AREA ACREAGE BY ISLAND

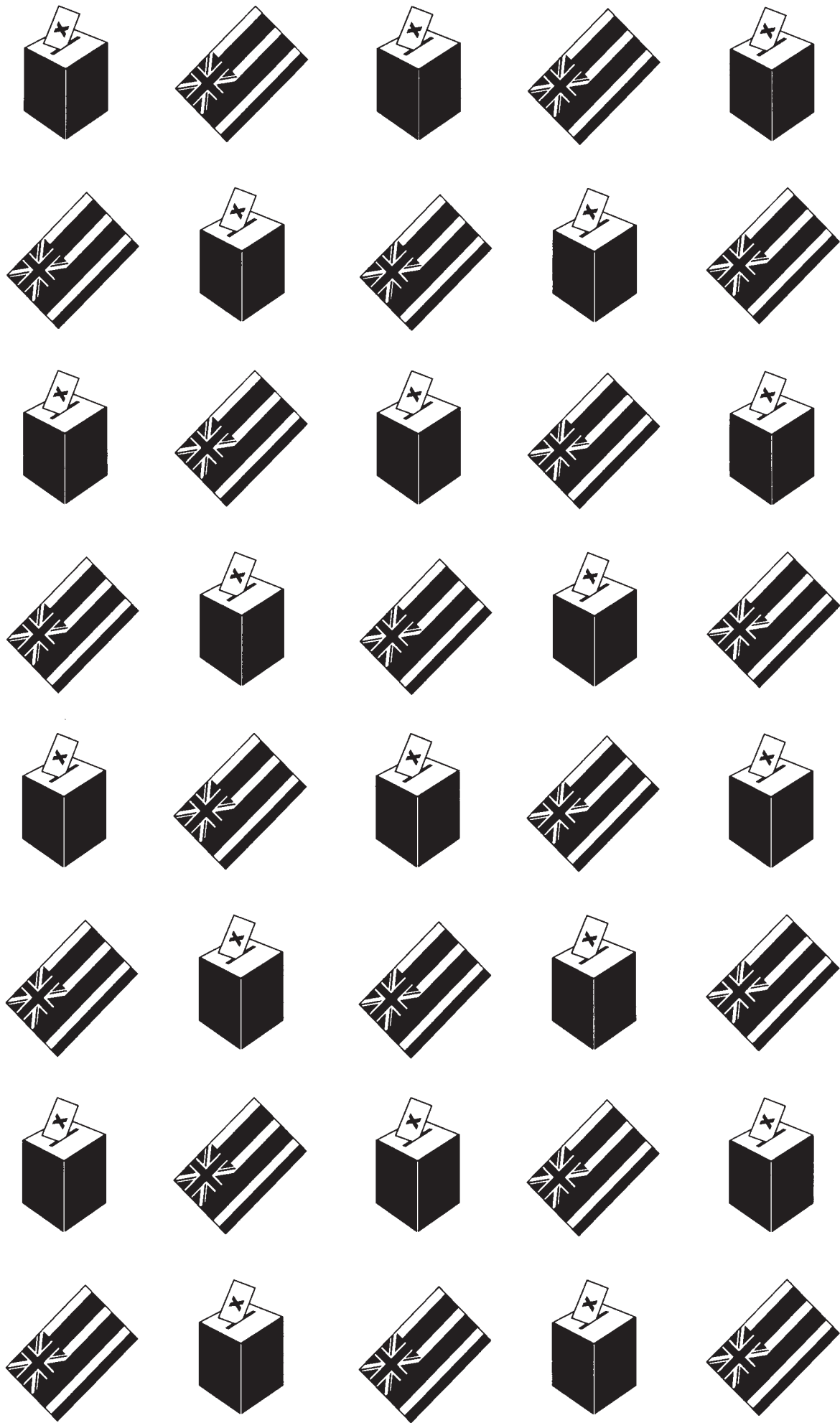
On June 30, 2014

Island	Conservation District Forest Land		Natural Areas	
	Forest Reserve <sup>1</sup>	Private Forest <sup>2</sup>	Number of Areas	Acres
<b>State Total</b>	<b>649,667</b>	<b>328,742</b>	<b>20</b>	<b>123,810</b>
Hawai'i	446,766	106,745	8	94,954
Maui	68,220	53,180	5	18,543
Kaho'olawe	0	0	0	0
Lāna'i	0	6,150	0	0
Moloka'i	11,690	0	2	2,950
O'ahu	36,817	88,817	3	2,148
Kaua'i	86,174	73,850	2	5,215
Ni'ihau	0	0	0	0

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.

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



# 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 2012.

Important sources on statistics on government include: Government in Hawai'i; Revenue Trends (monthly tax collection reports), Hawai'i State Department of Taxation; State of Hawai'i Data Book, and Hawai'i State Department of Business, Economic Development and Tourism.

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.





4.1.3

MAP OF ELECTION DISTRICTS

Island of Lānaʻi



SOURCE: STATE OF HAWAII, OFFICE OF ELECTIONS, JANUARY 2016.

#### 4.1.4

### LIST OF POLLING PLACES

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#### **8th Representative District**

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

1. Waihe'e Elementary School
2. Santos Community Center
3. Baldwin High School
4. Paukūkalo Hawaiian Homes Comm. Ctr.
5. ʻĪao Intermediate School
6. Pomaika'i Elementary School
7. Maui Economic Opportunity Center

#### **9th Representative District**

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

1. Kahului Elementary School
2. Maui Waena Intermediate School
3. Lihikai Elementary School
4. Maui High School

#### **10th Representative District**

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

1. Kenolio Recreational Complex
2. Kamehameha III Elementary School
3. Lahaina Intermediate School
4. Princess Nahi'ena'ena Elementary School
5. Lahaina Civic Center

#### **11th Representative District**

##### **Kīhei, Mākena, Wailea, Maui Meadows**

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, 'Ulupalakua**

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

#### **13th Representative District**

##### **Pā'ia, Ha'ikū, Ke'anae, Hāna**

1. Pā'ia Community Center
2. Ha'ikū Community Center
3. Hāna High and Elementary

##### **Island of Lāna'i**

4. Lāna'i High and Elementary

##### **Island of Moloka'i**

5. Kilohana Community Center
6. Kaunakakai School
7. Maunaloa Community Center
8. Kualapu'u Community Center
9. Kalaupapa Settlement

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SOURCE: STATE OF HAWAII', OFFICE OF ELECTIONS, 2014 PRECINCT DETAILS.

4.2.1

**REGISTERED VOTERS AND VOTES CAST  
NOVEMBER 4, 2014 GENERAL ELECTION**

District	Precinct Name	Registered Voters		Turnout	District	Precinct Name	Registered Voters		Turnout
		Voters	Cast				Voters	Cast	
8-1	Waihe'e Elementary School	1,867	534	28.6%	11-1	Trinity Episcopal Church	3,113	862	27.7%
8-2	Santos Community Center	3,326	825	24.8%	11-2	Kamali'i Elementary School	4,319	1,197	27.7%
8-3	Baldwin High School	1,472	368	25.0%	11-3	Kihei Community Center	3,766	1,033	27.4%
8-4	Paukūkalo Hwn Homes Comm Ctr.	1,905	370	19.4%	11-4	Kihei Elementary School	3,874	1,021	26.4%
8-5	'Iao Intermediate School	3,917	942	24.0%		Absentee walkins		413	
8-6	Pomaikai Elementary School	1,613	455	28.2%		Absentee mail		2,430	
8-7	Maui Economic Opportunity Ctr.	1,106	269	24.3%					
	Absentee walkins		793		12-1	Kalama Intermediate School	3,268	998	30.5%
	Absentee mail		4,259		12-2	Eddie Tam Memorial Center	2,084	701	33.6%
9-1	Kahului Elementary School	3,565	1,040	29.2%	12-3	Pukalani Elementary School	2,872	884	30.8%
9-2	Maui Waena Intermediate School	3,264	866	26.5%	12-4	Mayor H. Tavares Comm Ctr.	3,177	964	30.3%
9-3	Lihikai Elementary School	2,246	591	26.3%	12-5	Kula Community Center	4,758	1,434	30.1%
9-4	Maui High School	2,324	524	22.5%	12-6	Kaunoa Senior Citizen Center	256	110	43.0%
	Absentee walkins		380			Absentee walkins		538	
	Absentee mail		2,885			Absentee mail		4,137	
10-1	Kenolio Recreational Complex	1,394	376	27.0%	13-1	Pā'ia Community Center	1,711	546	31.9%
10-2	Kamehameha III Elementary Sch.	2,290	650	28.4%	13-2	Ha'ikū Community Center	6,552	2,188	33.4%
10-3	Lahaina Intermediate School	2,366	713	30.1%	13-3	Hāna High and Elementary Sch.	1,365	442	32.4%
10-4	Princess Nahi'ena'ena Elem. Sch.	1,806	485	26.9%	13-4	Lāna'i High and Elementary Sch.	1,740	533	30.6%
10-5	Lahaina Civic Center	5,769	1,502	26.0%	13-5	Kilohana Community Center	612	213	34.8%
	Absentee walkins		175		13-6	Kaunakakai School	2,019	505	25.0%
	Absentee mail		1,827		13-7	Maunaloa Community Center	379	99	26.1%
					13-8	Kualapu'u Community Center	1,190	338	28.4%
					13-9	Kalaupapa Settlement	42	0	0.0%
						Absentee walkins		942	
						Absentee mail		2,648	

SOURCE: STATE OF HAWAII, OFFICE OF ELECTIONS, 2014 PRECINCT DETAILS.

## 4.2.2

## GENERAL ELECTION RESULTS MAUI COUNTY, NOVEMBER 4, 2014

	Votes	%		Votes	%
<b>U.S. Senator</b>			<b>Mayor, County of Maui</b>		
D) Schatz, Brian	31,668	68.8%	Arakawa, Alan	25,435	55.3%
R) Cavasso, Cam	10,165	22.1%	Paltin, Tamara	18,162	39.5%
L) Kokoski, Michael	1,634	3.6%	Blank Votes	2,372	5.2%
Blank Votes	2,507	5.4%	<b>Councilmember (East Maui)</b>		
<b>U.S. Representative, Dist. 2</b>			Carroll, Robert (Bob)	27,071	58.9%
D) Gabbard, Tulsi	35,487	77.1%	Nikhilananda, Nick	11,730	25.5%
R) Crowley, Kawika	6,974	15.2%	Blank Votes	7,162	15.6%
L) Kent, Joe	1,406	3.1%	<b>Councilmember (West Maui)</b>		
Blank Votes	2,111	4.6%	Cochran, Elle	22,124	48.1%
<b>Governor and Lt. Governor</b>			Buenconsejo, Ka'ala	18,792	40.9%
D) Ige/ Tsutsui	23,669	51.4%	Blank Votes	5,047	11.0%
R) Aiona/ Ahu	12,614	27.4%	<b>Councilmember (Wailuku Waihe'e Waikapū)</b>		
I) Hanneman/ Chang	7,641	16.6%	Victorino, Michael (Mike)	25,289	55.0%
L) Davis/ Marlin	1,073	2.3%	Blackburn, Joseph	12,606	27.4%
Blank Votes	927	2.0%	Blank Votes	8,060	17.5%
<b>State Senator, Dist. 5</b>			<b>Councilmember (Kahului)</b>		
D) Keith-Agaran, Gil	9,770	64.7%	Guzman, Don	23,856	51.9%
R) Kamaka, Joe	4,149	27.5%	Pontanilla, Joe	15,719	34.2%
Blank Votes	1,172	7.8%	Blank Votes	6,379	13.9%
<b>State Senator, Dist. 6</b>			<b>Councilmember (South Maui)</b>		
D) Baker, Roz	7,210	56.8%	Couch, Don	24,990	54.3%
R) Dubois, Jared	2,916	23.0%	Fitzpatrick, John	13,942	30.3%
L) Kaahui, Bronson	1,196	9.4%	Blank Votes	7,029	15.3%
Blank Votes	1,349	10.6%	<b>Councilmember (Makawao, Ha'ikū, Pā'ia)</b>		
<b>State Representative, Dist. 8</b>			White, Mike	23,042	50.1%
D) Souki, Joe	5,359	60.8%	Molina, Mike	16,938	35.7%
R) Kapoi, Cranston	2,715	30.8%	Blank Votes	6,504	14.1%
Blank Votes	736	8.3%	<b>Councilmember (Upcountry)</b>		
<b>State Representative, Dist. 10</b>			Baisa, Gladys Coelho	26,117	56.8%
D) McKelvey, Angus	3,522	61.5%	Bruch, Courtney	12,819	27.9%
R) Marten, Chayne	1,666	29.1%	Blank Votes	7,025	15.3%
Blank Votes	534	9.3%	<b>Councilmember (Lāna'i)</b>		
<b>State Representative, Dist. 11</b>			Hokama, Riki	28,546	62.1%
D) Ing, Kaniela	4,926	70.8%	Blank Votes	17,437	37.9%
R) Brock Pat	1,362	19.6%	<b>Councilmember (Moloka'i)</b>		
Blank Votes	661	9.5%	Crivello, Stacy Helm	28,250	61.4%
<b>State Representative, Dist. 12</b>			Blank Votes	17,733	38.6%
D) Yamashita, Kyle	6,639	68.0%			
R) Pohle, Richard	1,950	20.0%			
Blank Votes	1,174	12.0%			

SOURCE: HAWAII STATE OFFICE OF ELECTIONS.

4.2.3

**GENERAL ELECTION RESULTS  
OFFICE OF HAWAIIAN AFFAIRS TRUSTEES  
AND STATE CONSTITUTIONAL AMENDMENTS  
MAUI COUNTY, NOVEMBER 4, 2014**

**Office of Hawaiian Affairs**

	Votes	Percent
<b>At Large Trustee</b>		
Waihee, John	17,571	12.7%
Trask, Mililani	14,096	10.2%
Akana, Rowena	13,302	9.6%
Akina, Keli	10,495	7.6%
Ahu Isa, Lei	9,280	6.7%
McInerney, Harvey	6,451	4.7%
Blank Votes	66,790	48.4%
Over Votes	19	0.0%
<b>OHA Vacancy, Maui</b>		
Lindsey, Carmen Hulu	19,141	41.6%
Wendt, Mahealani	13,342	29.0%
Blank Votes	13,502	29.3%
Over Votes	20	0.0%

**State of Hawai'i Constitutional Amendments**

	Votes	Percent	Votes	Percent	
<b>Judicial Nominees Disclosures</b>			<b>Agricultural Enterprises</b>		
Yes	37,326	81.1%	Yes	21,029	45.7%
No	4,648	10.1%	No	19,820	43.1%
Blank	4,010	8.7%	Blank	5,105	11.1%
<b>State Justices and Judges</b>			<b>Early Childhood Education</b>		
Yes	9,920	21.6%	Yes	22,201	48.3%
No	33,048	71.8%	No	21,020	45.7%
Blank	2,984	6.5%	Blank	2,728	5.9%
<b>Dams and Bridges</b>					
Yes	29,542	64.2%			
No	11,732	25.5%			
Blank	4,698	10.2%			

SOURCE: HAWAII'S STATE OFFICE OF ELECTIONS.



#### 4.2.4

### GENERAL ELECTION RESULTS MAUI COUNTY CHARTER AMENDMENTS NOVEMBER 4, 2014

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#### Ballot Text Summaries and Results

Extend requirement that 2% of property tax revenue be allocated to affordable housing until 2021?

Yes	30,532	66.4%
No	11,507	25.0%
Blank Votes	3,915	8.5%

Increase the maximum penalties for violating Charter to \$25,000 fine and/or 1 year jail?

Yes	17,689	38.5%
No	21,355	46.4%
Blank Votes	6,901	15.0%

Prohibit cultivation and reproduction of genetically engineered organisms?

Yes	23,082	50.2%
No	22,005	47.9%
Blank Votes	872	1.9%

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SOURCE: HAWAII STATE OFFICE OF ELECTIONS.

### 4.3.1

## STATEMENT OF REVENUES AND EXPENDITURES MAUI COUNTY

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

	2012	2013	2014	2015
<b>Revenues</b>				
Taxes	238,829	246,315	255,440	268,178
Licenses and Permits	26,649	27,231	28,185	30,946
Intergovernmental Revenues	68,001	64,074	69,449	72,049
Charges for Services	64,124	65,617	64,251	64,839
Fines and Forfeitures	2,131	3,018	2,250	2,075
Interest and investment earnings	1,416	1,018	1,747	1,358
Other	3,841	6,076	6,882	4,604
Assessments	1,219	791	1,086	1,322
<b>Total Revenues</b>	<b>406,212</b>	<b>414,139</b>	<b>429,290</b>	<b>445,371</b>
<b>Expenditures</b>				
General Government	105,552	89,510	190,718	105,479
Public Safety	79,427	80,782	78,981	90,349
Highway and Streets	33,798	35,926	44,878	40,260
Sanitation	41,891	45,366	46,344	54,552
Social Welfare	42,459	46,315	45,298	42,579
Culture and Recreation	27,257	26,346	39,739	29,530
Legislative	5,250	5,533	5,987	6,559
Capital Outlay	57,976	68,648	77,097	81,371
Debt Service: Principal	22,469	23,770	24,593	26,926
Interest	9,604	10,051	9,424	10,905
<b>Total Expenditures</b>	<b>425,684</b>	<b>432,246</b>	<b>563,058</b>	<b>488,509</b>
<b>Excess (Deficiency) of Revenues over Expenditures</b>	<b>(19,472)</b>	<b>(18,106)</b>	<b>(133,768)</b>	<b>(43,138)</b>

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

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

### 4.3.2

## STATE TAX COLLECTION MAUI COUNTY

*In thousands of dollars*

	2012	2013	2014	2015
Banks/Financial Corps	9,447	15,400	7,124	14,245
Employment Sec. Contri.	0	0	0	0
Fuel	8,635,224	7,688,458	3,142,763	4,952,341
GE License/Fees	0	0	0	0
General Excise & Use Tax <sup>1</sup>	185,980,539	187,252,238	187,280,786	202,188,522
Honolulu County Surcharge <sup>2</sup>	1,482,700	1,531,316	1,517,910	1,625,325
Income-Corporate				
Decl. of Estimated Taxes	1,091,082	1,500,588	1,361,255	1,818,099
Payment With Returns	211,509	608,065	422,103	1,235,231
Refunds	(470,127)	(488,121)	(1,195,281)	(504,193)
Income-Individual				
Decl. of Estimated Taxes	29,587,919	41,579,293	35,595,168	41,135,847
Payment With Returns	15,434,069	20,823,234	20,682,519	23,023,611
Withholding Tax on Wages	67,091,566	68,572,254	75,704,027	82,351,800
Refunds	(40,900,536)	(43,397,847)	(41,937,074)	(41,127,638)
Inheritance/Estate	1,235,150	106,000	18,989	1,443,239
Liquor and Permits	7,696,672	7,208,954	7,352,755	7,580,791
Motor Vehicle Tax/Fees	18,544,126	20,171,880	19,716,743	20,759,191
Public Service Company	17,359,955	17,915,064	18,006,353	17,839,865
Tobacco and Licenses	10,140,584	9,469,335	7,191,025	4,328,226
Transient Accommod./Time Share Occup. Fees	0	0	0	0
Transient Accommod. Tax/Time Share Occup. Tax	51,620,149	44,676,518	31,850,226	35,980,172
All Others	220	145	220	165
<b>Total</b>	<b>374,750,249</b>	<b>385,232,773</b>	<b>366,717,613</b>	<b>404,644,839</b>

1. May also contain some revenue from the Honolulu County Surcharge.

2. Surcharge began in 2007. Businesses with activities in Honolulu may have to pay surcharge despite not being located on O'ahu.

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

SOURCE: HAWAII STATE DEPARTMENT OF TAXATION, STATE TAX COLLECTIONS AND DISTRIBUTIONS.

### 4.3.3

## ESTIMATED REAL PROPERTY TAX REVENUE MAUI COUNTY

*In thousands of dollars*

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### Fiscal Year 2015-2016

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Assessor's gross valuation	47,554,054
Land	20,355,876
Improvement	27,198,178
Exemptions	6,279,830
Assessor's net taxable valuation	41,274,225
Half of valuation on appeal	562,504
Number of appeals	1,254
Valuation for tax rate purposes	40,711,720
Land	18,776,916
Improvement	21,934,807
<b>Amount to be raised by taxation</b>	<b>254,111</b>

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

4.3.4

**REAL PROPERTY TAX RATES  
MAUI COUNTY**

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

<b>Land Use Class</b>	<b>Rate</b>
<b>Fiscal Year 2015-2016</b>	
<b>Building</b>	
Residential	5.40
Apartment	6.00
Commercial	6.60
Industrial	6.85
Agricultural	5.75
Conservation	5.90
Hotel and Resort	8.85
Homeowner	2.75
Time Share	14.55
Commercialized Residential	4.35
<b>Land</b>	
Residential	5.40
Apartment	6.00
Commercial	6.60
Industrial	6.85
Agricultural	5.75
Conservation	5.90
Hotel and Resort	8.85
Homeowner	2.75
Time Share	14.55
Commercialized Residential	4.35

SOURCE: CITY AND COUNTY OF HONOLULU, DEPARTMENT OF BUDGET AND FISCAL SERVICES, 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>
2005	263,508	6,938	270,446
2006	243,635	5,996	249,631
2007*	257,762	8,976	266,738
2008	281,530	12,990	294,520
2009	278,708	12,918	291,626
2010*	262,709	12,823	275,532
2011*	288,222	12,862	301,084
2012	263,180	14,609	277,789
2013	296,419	5,262	301,681
2014	287,193	17,672	304,865
2015	312,965	20,469	333,434

\* Revised data.

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

4.4

**PERSONNEL BY DEPARTMENT FOR FISCAL YEARS  
MAUI COUNTY**

	2013	2014	2015	2016
Civil Defense	6.0	6.0	6.0	6.0
Corporation Counsel	34.5	34.5	34.5	34.5
Environmental Management				
General	6.0	7.0	5.0	5.0
Wastewater	118.0	118.0	117.0	117.0
Solid Waste	95.0	94.0	95.0	99.0
Finance	139.8	142.8	142.8	145.8
Fire & Public Safety	313.0	318.0	318.0	319.0
Housing & Human Concerns	79.0	80.0	80.3	80.3
Liquor Control	26.0	26.0	26.0	26.0
Management	52.0	54.0	56.0	58.8
Parks and Recreation				
General	417.5	417.5	426.3	426.8
Golf	21.9	21.9	20.9	20.9
Personnel Services	18.0	18.0	19.0	18.0
Planning	62.0	62.0	62.0	62.0
Police	501.6	513.1	518.5	520.0
Prosecuting Attorney	71.0	71.0	72.0	72.0
Public Works				
General	82.8	82.8	115.0	115.0
Highways	170.0	175.0	143.0	145.0
Transportation	5.0	6.0	6.0	6.0
Water Supply	216.0	216.0	219.0	219.0

SOURCE: OFFICE OF THE MAYOR, BUDGET OFFICE, OPERATING BUDGETS.

4.5.1

**COUNTY PROPERTY TAX EXEMPTIONS BY TYPE  
MAUI COUNTY, FY 2015-2016**

Type of Exemption	Number	Amount (\$1,000)
Federal Government	79	46,257
State Government	1,354	1,802,695
County Government	582	479,399
Government Leases-Total	82	79,609
Government Leases-Portion	44	23,923
Hawaiian Homes Commission	567	30,795
Hawaiian Homes Land-Basic	702	115,894
Hawaiian Homes Land-Multiple	144	21,803
Hawaiian Homes Land-Total Land	1,282	129
Hawaiian Homes Land-Vacant Land	250	25
Hawaiian Homes-7 year	151	35,676
Homes-Fee (Basic)	19,112	3,755,259
Homes-Fee (Multiple)	5,612	1,097,360
Homes-Leasehold (Basic)	214	41,306
Homes-Leasehold (Multiple)	426	82,821
Blind	26	635
Deaf	7	125
Hansen's Disease (Leprosy)	1	25
Totally Disabled	394	8,985
Totally Disabled Veterans	258	123,057
Cemetaries	7	1,429
Charitable Organizations	232	273,302
Childcare	18	900
Churches	245	293,223
Credit Unions	17	20,465
Forest Reserve	3	67
Historic Residential Properties	7	14,949
Kuleana	48	21,186
Hospitals	11	39,573
Landscaping, Open-Space	1	10
Low-Moderate Income Housing	43	160,670
Public Utilities	77	95,680
Roadways and Waterways	1,691	6,364
Schools	17	142,626
Taro	52	88
Miscellaneous	2	245
<b>Total</b>	<b>33,758</b>	<b>8,816,555</b>

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



#### 4.5.2

### LIQUID FUEL TAX BASE AND TAX COLLECTIONS MAUI COUNTY

*Fiscal year ending June 30, 2015*

Source of Revenue	Gallons	State Tax	County Fuel Tax	Total Tax
Gasoline	\$62,764,300	\$10,642,976	\$10,015,333	\$20,658,308
Diesel oil (non-hwy)	14,240,313	284,806	0	284,806
Diesel oil (hwy)	6,218,973	1,056,885	994,716	2,051,601
Liquid petro. gas (hwy)	0	0	0	0
Small boat (gas)	0	0	0	0
Small boat (diesel oil)	0	0	0	0
Aviation fuel	68,921,255	1,378,425	0	1,378,425
Other fuel	379,724	15,189	0	15,189
<b>Subtotal</b>	<b>152,524,563</b>	<b>13,378,281</b>	<b>11,010,048</b>	<b>24,388,329</b>
Environmental Tax	3,955,822	4,153,614	0	4,153,614
<b>Total</b>		<b>17,531,895</b>	<b>11,010,048</b>	<b>28,541,943</b>

SOURCE: STATE OF HAWAI'I, DEPARTMENT OF TAXATION, MONTHLY TAX COLLECTION REPORTS.

#### 4.5.3

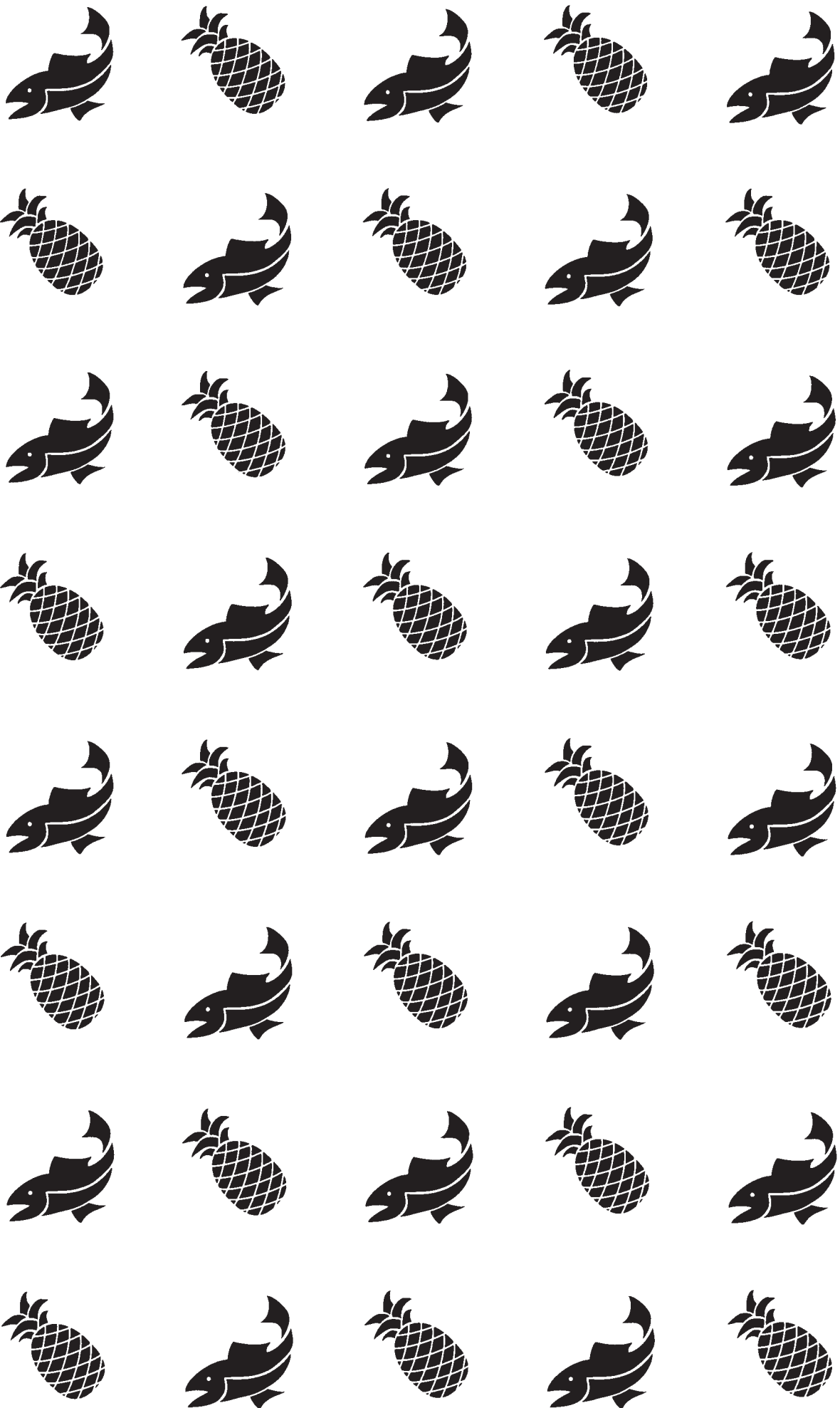
### LIQUID FUEL TAX ALLOCATION BY FUND MAUI COUNTY

*Fiscal year ending June 30, 2015*

	Amount	Total Tax
State Highway Special Fund	\$11,879,858	
State Airports Special Fund	1,378,425	
State Boating Special Fund	230,099	13,488,382
County Fuel Tax:		
Lanai	137,341	
Molokai	173,786	
Maui	10,588,821	10,899,948
Environmental Response Fund	197,791	
Energy Security Fund	593,373	
Energy Development Fund	395,582	
Agricultural Development Fund	593,373	
General Fund	2,373,493	4,153,614
<b>Grand Total</b>		<b>28,541,943</b>

SOURCE: STATE OF HAWAI'I, DEPARTMENT OF TAXATION, , MONTHLY TAX COLLECTION REPORTS.

# Agriculture & Aquaculture



## Section 5

# AGRICULTURE & AQUACULTURE

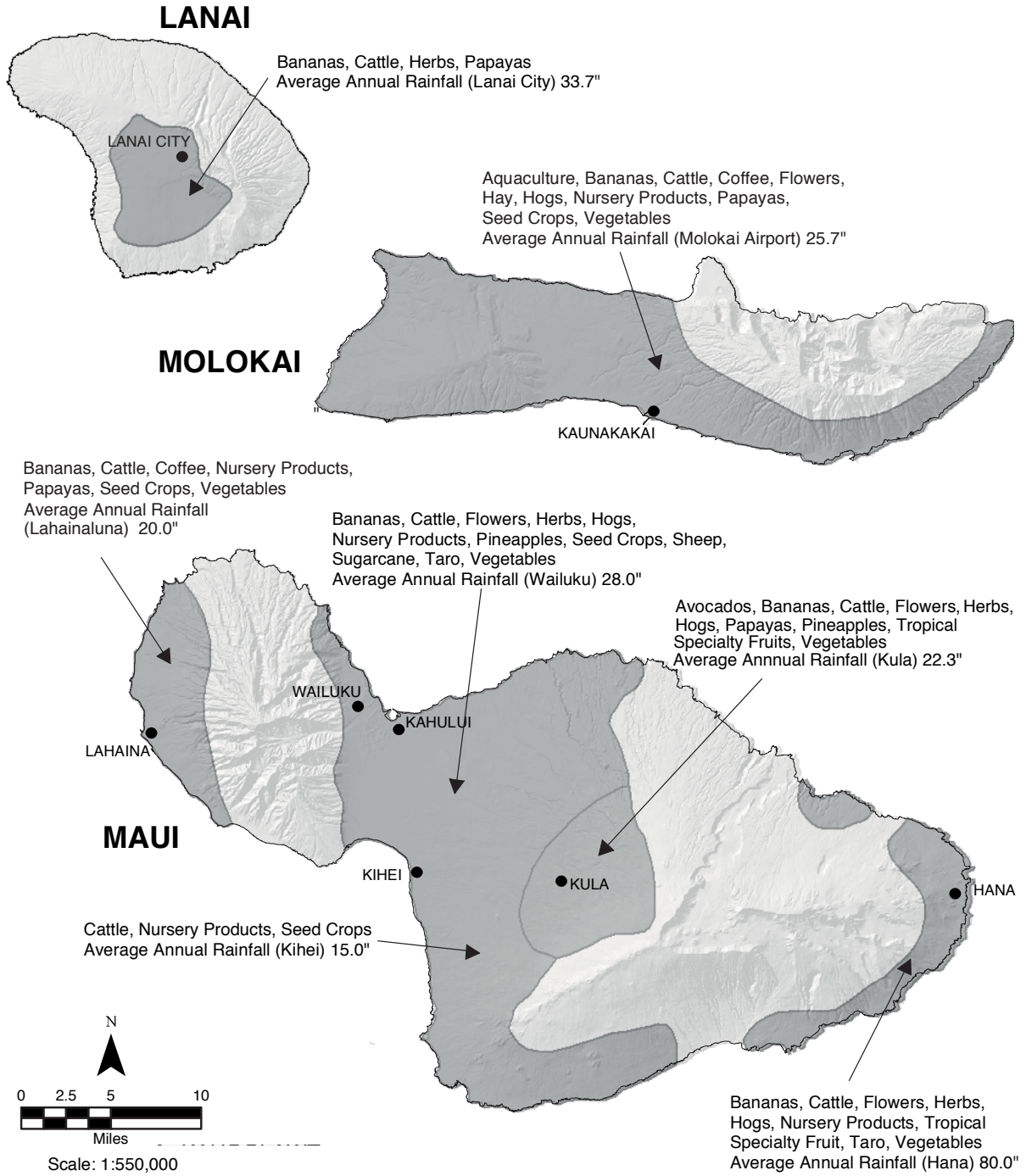
This section includes statistics on agriculture and aquaculture. Statistics about farms are presented along with the value and distribution of farm and other land based her-baculture production. Fish catches and other aquaculture statistics are given.

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 di-versification of agriculture continues.

The data in this section comes mainly from the 2012 U.S. Census of Agriculture, 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 DEPARTMENT OF AGRICULTURE, AGRICULTURAL DEVELOPMENT DIVISION, AND U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE. STATISTICS OF HAWAII AGRICULTURE, 2011.

## 5.1.2

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

	1997	2002	2007	2012
<b>Tenure of Operator</b>				
Full Owners				
Farms	460	529	827	774
Acres	81,616	82,274	62,325	94,317
Part Owners				
Farms	137	115	138	151
Acres	188,649	135,661	141,052	108,528
Owned land in farms (acres)	140,909	102,342	105,762	75,931
Rented land in farms (acres)	47,740	33,319	35,290	32,597
Tenants				
Farms	209	179	191	203
Acres	21,825	38,755	22,191	26,321
<b>Operator Characteristics</b>				
Place of Residence				
On farm operated	536	623	929	840
Not on farm operated	215	200	227	288
Not reported	55	NA	NA	NA
<b>Principal Occupation</b>				
Farming	372	434	515	609
Other	434	389	641	519
<b>Days of Work Off Farm<sup>1</sup></b>				
None	290	413	229	406
Any	455	410	927	722
1 to 49 days	59	47	155	100
50 to 99 days	33	36	151	125
100 to 199 days	86	63	166	144
200 days or more	277	264	455	353
Not reported	61	NA	NA	NA
<b>Years on Present Farm</b>				
2 years or less	42	46	51	36
3 or 4 years	47	66	68	89
5 to 9 years	171	189	284	201
10 years or more	406	522	753	802
Average years on present farm	14.3	15.3	16.7	19.1
Not reported	140	NA	NA	NA

**5.1.2**  
**CONTINUED**

	<b>1997</b>	<b>2002</b>	<b>2007</b>	<b>2012</b>
<b>Age Group</b>				
Under 25 years	7	4	4	4
25 to 34 years	24	26	32	37
35 to 44 years	182	108	89	78
45 to 54 years	270	310	314	227
55 to 59 years	107	117	242	212
60 to 64 years	59	82	197	215
65 to 69 years	45	54	129	145
70 years and over	112	122	149	210
Average age	53.0	55.0	57.7	59.0
<b>Male</b>				
Farms	681	659	856	873
Acres	275,346	241,920	217,574	201,222
<b>Female</b>				
Farms	125	164	300	255
Acres	16,744	14,770	7,994	27,944
<b>Type of Organization</b>				
Individual or Family (sole proprietorship)				
Farms	679	701	975	904
Acres	31,942	D	34,647	65,110
Partnership				
Farms	44	37	66	96
Acres	34,620	11,357	11,751	32,275
Corporation (family held)				
Farms	56	58	69	64
Acres	101,236	76,424	114,456	113,188
Corporation (other than family held)				
Farms	13	17	33	27
Acres	123,312	99,056	60,646	D
Other (cooperative, estate or trust, institutional, etc.)				
Farms	14	10	13	37
Acres	980	D	4,068	D

D: Withheld to avoid disclosing data for individual farms

NA: Not available

1. Number of days of work off farm revised 2002.

SOURCE: U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

## 5.1.3

## FARMS AND LAND IN FARMS MAUI COUNTY

	1997	2002	2007	2012
<b>Farms</b>	<b>806</b>	<b>823</b>	<b>1,156</b>	<b>1,128</b>
<b>Land in Farms</b>	<b>292,090</b>	<b>256,690</b>	<b>225,568</b>	<b>229,166</b>
Average size of farms (acres)	362	312	195	203
Median size of farms (acres)	6	5	5	5
<b>Estimated Market Value of Land &amp; Buildings<sup>1</sup></b>				
Average per farm (\$)	818,342	1,251,598	1,601,950	1,998,208
Average per acre (\$)	2,258	4,112	8,210	9,836
<b>Estimated Market Value of Machinery &amp; Equipment<sup>1</sup></b>				
Average per farm (\$)	88,989	58,849	52,480	53,228
<b>Farms by Size</b>				
1 to 9 acres	468	505	766	711
10 to 49 acres	233	212	289	293
50 to 179 acres	48	56	48	61
180 to 499 acres	29	20	21	24
500 to 999 acres	5	7	11	10
1,000 acres or more	23	23	21	29
<b>Total Cropland</b>				
Farms	684	692	975	902
Acres	D	60,729	54,557	49,578
<b>Harvested Cropland</b>				
Farms	605	649	928	852
Acres	32,243	28,404	26,528	D
<b>Irrigated Land</b>				
Farms	480	462	650	603
Acres	35,031	26,855	28,027	41,548
<b>Value of Agricultural Products Sold (\$1,000)</b>	<b>128,385</b>	<b>124,511</b>	<b>139,326</b>	<b>188,100</b>
Crops, including greenhouse & nursery crops	116,084	116,645	132,058	181,480
Livestock, poultry, and their products	12,301	7,866	7,268	6,620
<b>Value of Agricultural Products Sold per Farm (\$)</b>	<b>159,287</b>	<b>151,289</b>	<b>120,524</b>	<b>166,755</b>

1. Data based on a sample of farms.

D: Withheld to avoid disclosing data for individual farms

SOURCE: U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

### 5.1.4

## FARM EMPLOYMENT MAUI COUNTY

	1997	2002	2007	2012
<b>Number of farms hiring</b>	234	267	245	328
<b>Number of farms hiring migrant workers</b>	NA	5	17	6
<b>Hired workers</b>	2,573	2,804	2,051	2,311
Worked 150 days or more	1,685	1,856	1,386	1,655
Migrant workers	NA	NA	NA	26
<b>Payroll (\$1,000)</b>	42,470	52,542	47,311	99,270

NA: Not available

SOURCE: U. S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

### 5.1.5

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

	1997	2002	2007	2012
<b>Number of Livestock Operations, December 31</b>				
Cattle	179	145	190	204
Hogs	63	54	57	81
Goats*	13	12	86	131
Sheep and lambs	10	9	33	24
Horses*	145	107	175	112
Poultry	54	48	119	119
Bees	6	8	41	50
Aquaculture*	2	8	2	18
<b>Value of Livestock Sales (\$1,000)</b>				
Cattle	5,420	4,670	5,689	5,231
Hogs	D	946	724	D
Goats*	D	NA	NA	210
Sheep and lambs	7	NA	NA	21
Horses*	102	NA	NA	51
Poultry	D	NA	NA	NA
Bees	D	NA	NA	96
Aquaculture	D	D	D	D

\* Revised data.

D: Withheld to avoid disclosure of individual operations    NA: Not available

SOURCE: U. S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.



## 5.1.6

## VEGETABLES ACREAGE AND NUMBER OF FARMS, MAUI COUNTY

	2007		2012	
	Farms	Acres	Farms	Acres
Artichokes	1	D	1	D
Asparagus	8	D	6	D
Beans, Green Lima	0	0	3	1
Beans, Snap	21	30	28	38
Beets	10	3	13	7
Broccoli	6	D	11	69
Cabbage, Chinese	11	30	20	52
Cabbage, Head	16	114	16	106
Cabbage, Mustard	4	1	9	15
Carrots	5	1	6	2
Celery	4	D	2	D
Cucumbers and pickles	15	196	18	236
Daikon	4	D	3	11
Eggplant	34	15	40	23
Garlic	0	0	1	D
Herbs	22	27	15	56
Kale	12	5	14	4
Lettuce, all	29	54	39	62
Mustard greens	13	2	4	1
Okra	4	4	11	2
Onions, Dry	25	D	23	D
Onions, Green	19	25	33	31
Parsley	12	D	15	36
Peas, Chinese	3	D	4	2
Peppers, Bell	1	D	6	D
Peppers, Other than Bell	9	D	2	D
Potatoes	4	4	13	4
Pumpkins	19	13	24	D
Radishes	8	5	9	19
Squash, All	18	91	20	131
Sweet Corn	27	49	40	95
Sweet Potatoes	17	98	32	D
Tomatoes	20	D	42	89
Turnips	3	D	3	1
Watercress	4	1	4	D
Other Vegetables	105	148	60	276
<b>Total</b>	<b>210</b>	<b>1,118</b>	<b>221</b>	<b>1,798</b>

D: Withheld to avoid disclosure of individual operations

SOURCE: U. S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

**5.1.7**  
**SUGARCANE**  
**MAUI COUNTY**

	2007	2008	2009	2010	2011
<b>Number of farms</b>	1	1	1	1	1
<b>Acreage (1,000 acres)</b>					
In crop	32.4	34.5	34.4	34.5	34.3
Harvested for sugar	16.9	16.9	15.1	15.5	15.1
<b>Yield per acre (tons)</b>					
Sugarcane	70.40	65.80	64.50	77.10	85.20
Raw sugar 96°	9.74	8.55	8.40	11.10	12.10
<b>Production of cane for sugar (1,000 tons)</b>	1,190	1,112	974	1,195	1,287
<b>Farm price (dollars per ton)</b>	31.80	31.00	30.80	58.40	60.70
<b>Value of cane for sugar (\$1 million)<sup>1</sup></b>	37.8	34.5	30.0	69.8	78.1
<b>Mill production (1,000 tons)</b>					
Raw sugar 96°	165	145	127	172	183
Molasses	50	52	41	51	51
<b>Average returns received (dollars per ton)</b>					
Raw sugar 96°	342.0	355.0	352.0	606.0	638.0
Molasses	87.3	87.2	142.8	106.8	164.4
<b>Value of production (\$1 million)</b>					
Raw sugar 96°	56.4	51.5	44.7	104.2	116.8
Molasses	4.4	4.5	5.9	5.4	8.4
Total	60.8	56.0	50.6	109.6	125.2

1. Value of cane for sugar estimated by deducting processing and marketing costs from value of sugar and molasses.

Note: Primary data source: Hawai'i Agricultural Research Center. Yield and farm prices may not compute due to rounding.

SOURCE: HAWAII DEPARTMENT OF AGRICULTURE, AGRICULTURAL DEVELOPMENT DIVISION AND U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, STATISTICS OF HAWAII AGRICULTURE 2011.

**5.1.8**  
**FRUITS AND NUTS**  
**MAUI COUNTY**

	2007		2012	
	Farms	Acreage	Farms	Acreage
<b>Noncitrus Fruits</b>	<b>549</b>	<b>1,916</b>	<b>440</b>	<b>1,512</b>
Apples	3	D	4	D
Avocados	232	154	193	D
Bananas	268	277	232	199
Coffee	76	D	77	D
Grapes	4	D	1	D
Guavas	50	43	28	20
Mangoes	66	D	59	36
Papayas	84	125	71	101
Passion Fruit	37	14	38	14
Peaches	5	D	6	D
Pears	2	D	0	0
Persimmons	32	50	19	39
Pomegranates	0	0	5	1
Other	185	D	120	182
<b>Citrus Fruits</b>	<b>221</b>	<b>190</b>	<b>206</b>	<b>161</b>
Grapefruit	51	10	34	11
Kumquats	0	0	2	D
Lemons	95	23	98	30
Limes	120	42	84	36
Oranges, All	131	86	78	41
Tangelos	41	D	21	D
Tangerines	72	19	57	19
Other	8	D	47	22
<b>Nuts</b>	<b>77</b>	<b>242</b>	<b>71</b>	<b>592</b>
Macadamia Nuts	58	236	58	574
Other Nuts	19	6	16	18

D: Withheld to avoid disclosure of individual operations

Note: Totals may not add due to rounding.

SOURCE: U. S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

### 5.1.9

## FLORICULTURE AND NURSERY PRODUCTS MAUI COUNTY

*Number of farms and growing area*

2012	Farms	Sq ft under glass	Open acreage	Value of sales (\$)
Aquatic plants	4	0	3	D
Bulbs and tubers	7	3,300	D	8,350
Cuttings and seedlings	11	D	D	D
Bedding & garden plants	26	D	D	450,777
Cut flowers	168	180,196	419	3,419,390
Foliage, indoor	7	D	D	68,874
Potted flowering plants	43	283,653	40	2,068,928
Nursery stock crops	83	190,880	121	D
Sod	6	0	22	D
Vegetable seeds	4	0	36	15,180
Vegetable transplants	4	3,400	D	D

D: Withheld to avoid disclosure of individual operations

SOURCE: U. S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

### 5.1.10

## FARM MACHINERY AND EQUIPMENT, MAUI COUNTY

	1997	2002*	2007	2012
Value of all equipment (\$1000)	71,547	44,843	60,352	60,042
Average per farm (\$)	88,989	58,849	52,480	53,228
Trucks				
Farms	NA	NA	862	774
Number	NA	NA	1,362	1,347
Tractors				
Farms	442	453	547	554
Number	914	881	974	1,032
Grain and bean combines				
Farms	3	1	1	6
Number	4	D	D	9
Forage harvesters				
Farms	NA	NA	13	5
Number	NA	NA	13	5
Hay balers				
Farms	1	2	3	1
Number	D	D	3	D

\* 2002 data are based on a sample of farms.

D: Withheld to avoid disclosure of individual operations. NA: Not available

SOURCE: U. S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

### 5.1.11

## FERTILIZERS AND CHEMICALS APPLIED MAUI COUNTY

*In acres*

	1997	2002	2007	2012
Commercial fertilizer	52,334	51,645	42,248	40,923
Manure	NA	313	395	1,214
Acres treated to control				
Insects	7,945	9,901	5,566	4,424
Weeds	43,103	40,933	28,416	46,098
Nematodes	4,581	1,730	2,812	861
Diseases in crops	D	3,165	1,757	1,647
Chemicals used to control growth, thin fruit, ripen or defoliate	D	D	D	D

D: Data not provided to avoid disclosing individual information

NA: Not available

SOURCE: U. S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

### 5.1.12

## ORGANIC AGRICULTURE STATE OF HAWAII

2012	State of Hawai'i	Hawai'i County	Honolulu County	Kaua'i County	Maui County
USDA Certified organic farms	129	89	8	5	27
USDA Exempt from certification organic farms <sup>1</sup>	97	46	11	5	35
Farms transitioning to organic	36	22	2	4	8
Value of sales of Certified or Exempt organically produced commodities					
Number of farms	184	114	15	9	46
Total organic product sales (\$1,000)	6,362	3,220	717	1,516	909
Farms by value of sales					
\$1 to \$4,999	103	59	11	4	29
\$5,000 or more	81	55	4	5	17

1. Small organic farms with gross agricultural income from organic sales less than \$5,000 per year.

SOURCE: U. S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

5.1.13

**AGRICULTURAL TOURISM  
BY COUNTY**

	<b>State of Hawai'i</b>	<b>Hawai'i County</b>	<b>Honolulu County</b>	<b>Kaua'i County</b>	<b>Maui County</b>
<b>2012</b>					
Farms	233	106	36	39	52
Value (\$1,000)	17,768	1,029	6,449	3,874	6,416
<b>2007</b>					
Farms	121	58	24	9	30*
Value (\$1,000)	22,911	D	6,647	D	8,464

\* Revised data.

Note: Agricultural 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: U. S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

5.1.14

**FARM INCOME AND EXPENSES  
MAUI COUNTY**

*In thousands of dollars*

	<b>2007</b>	<b>2012</b>
<b>Income</b>		
<b>Total sales</b>	139,326	188,100
<b>Total income from farm-related sources, gross before tax and expenses</b>	14,642	8,761
Customwork and other agricultural services	306	448
Gross cash rent or share payments	D	1,533
Sales of forest products	D	D
Agri-tourism and recreational services	8,464	6,416
Patronage dividends and refunds from cooperatives	D	D
Crop and livestock insurance payments	D	146
Amount from state and local government payments	D	184
Other farm-related income sources	D	92
<b>Total federal government payments</b>	688	558
<b>Total farm production expenses</b>	129,617	195,907
Fertilizer and lime purchased	7,976	15,426
Chemicals purchased	4,008	12,092
Seeds, plants, vines and trees purchased	3,810	5,534
Livestock purchased	601	679
Feed purchased	3,669	3,261
Petroleum products purchased	7,316	11,492
Utilities	9,857	3,978
Repairs, supplies and maintenance costs	21,992	23,095
Hired farm labor	47,311	99,270
Contract labor	2,530	1,670
Customwork and custom hauling	138	341
Cash rent for land, building and grazing fees	3,409	2,037
Rent and lease expenses	996	593
Interest expense	2,019	1,988
Property tax paid	2,170	2,294
All other production expenses	11,815	12,157
<b>Net cash farm income of the operations</b>	<b>25,039</b>	<b>1,512</b>

SOURCE: U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

## 5.2.1

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

*Pounds landed*

	2010	2011	2012	2013	2014
<b>Fishing Method</b>					
Aku Pole & Line	*	347,898	*	*	*
Longline	24,019,214	25,710,602	25,858,879	26,946,146	23,807,814
Deep Bottom Handline	449,115	335,010	418,242	453,239	462,414
Tuna Handline	1,681,864	1,937,263	2,429,619	2,341,090	1,660,354
Trolling	2,866,646	2,987,387	3,677,653	3,117,723	3,417,836
All Other	1,694,227	1,252,373	1,324,155	1,430,017	1,274,772
<b>Total</b>	<b>30,711,066</b>	<b>32,570,233</b>	<b>33,708,548</b>	<b>34,288,215</b>	<b>30,623,190</b>
<b>Species Group</b>					
Tunas	17,607,486	19,990,624	21,407,164	21,578,691	18,309,846
Bill & Swordfish	5,190,083	5,602,336	4,497,917	4,514,726	4,052,962
Misc. Pelagic	5,643,817	5,168,115	6,002,848	6,501,895	6,617,202
Deep Bottomfish	445,140	358,441	406,750	442,574	455,028
Akule/'Ōpelu	855,284	600,526	527,486	511,068	536,655
Inshore	471,102	424,772	437,384	395,832	370,713
All Other	498,154	425,419	428,999	343,429	280,784
<b>Total</b>	<b>30,711,066</b>	<b>32,570,233</b>	<b>33,708,548</b>	<b>34,288,215</b>	<b>30,623,190</b>

Note: Data has been revised for 2010 to 2013.

\* Due to low level of fishermen reporting and to preserve confidentiality, data for these methods are pooled under "All Other" group.

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	2010	2011	2012	2013	2014
Maui County	804,633	750,029	1,019,989	792,087	951,636
Maui	763,746	694,490	972,822	738,541	901,295
Moloka'i	30,581	43,004	40,308	46,423	40,506
Lāna'i	10,821	12,212	6,909	7,184	9,835
O'ahu	26,412,864	28,218,747	28,573,124	29,877,658	25,882,328
Hawai'i	2,693,859	2,885,270	3,114,925	2,796,997	3,017,653
Kaua'i and Ni'ihau	799,710	716,187	1,000,510	821,473	771,573
<b>Total</b>	<b>30,711,066</b>	<b>32,570,233</b>	<b>33,708,548</b>	<b>34,288,215</b>	<b>30,623,190</b>

Note: Data has been revised for 2010 to 2013.

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

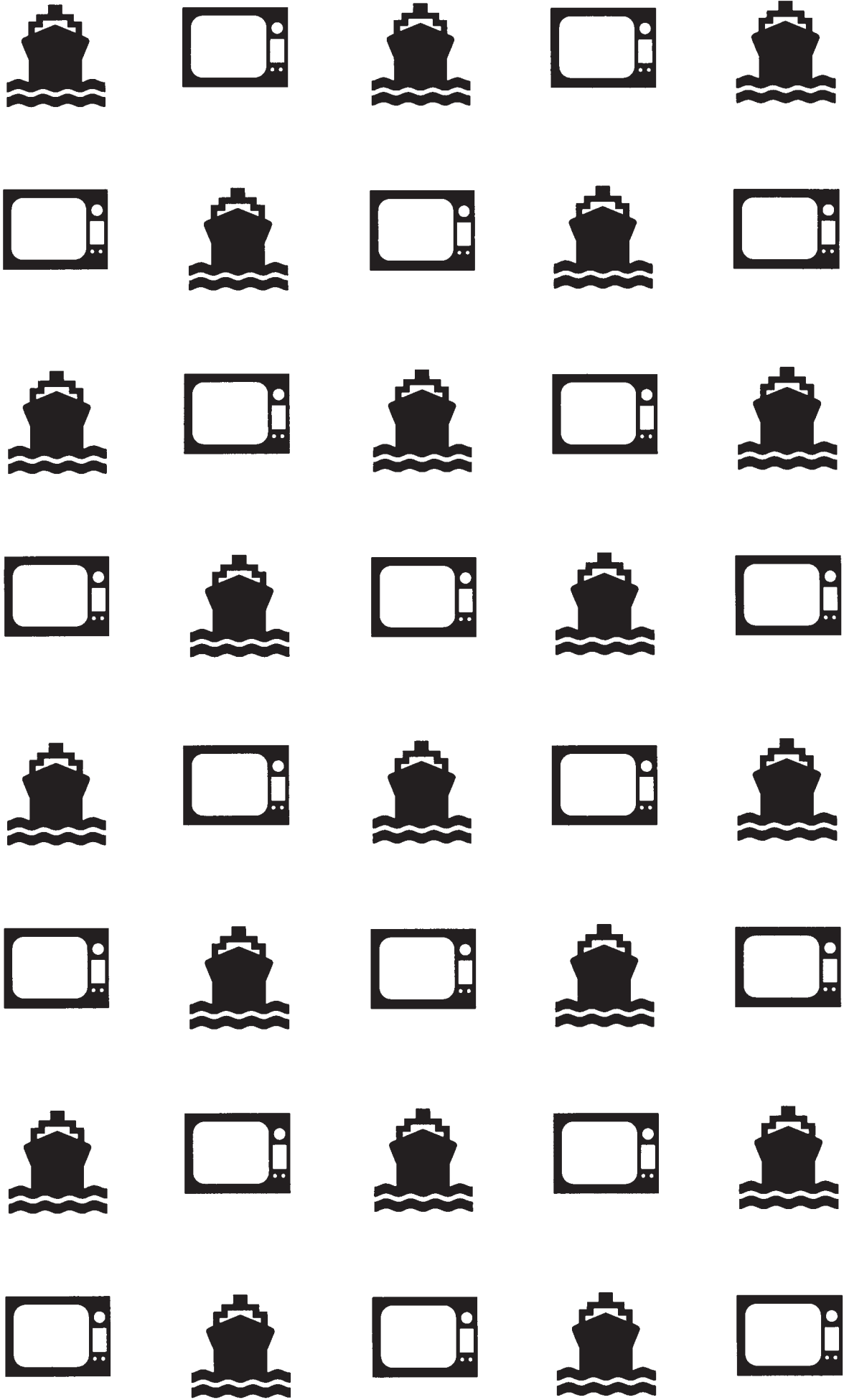
## 5.2.3

### SEA LANDINGS BY AREA FISHED MAUI COUNTY

*Pounds landed*

Area Fished	2010	2011	2012	2013	2014
Kawai (Moloka'i Channel)	19,545	16,226	24,374	19,675	30,859
Penguin Bank	117,093	103,726	144,954	133,663	127,220
Kealaikahiki Channel	40,080	38,431	36,448	44,958	80,128
'Alenuihāhā Channel	70,742	86,559	120,913	88,649	162,585
'Au'au, Kalohi & Pailolo Channels	26,028	38,416	34,042	40,454	38,725
'Alalākeiki Channel	82,383	85,253	110,068	105,366	103,051
Moloka'i	58,042	41,815	41,987	43,523	39,838
Lāna'i	99,546	86,263	117,741	92,158	67,124
Kaho'olawe	20,980	31,701	127,785	18,526	9,368
Mākena - Hāna	34,694	40,113	23,339	32,199	23,506
Hāna - Kahului	287,049	210,469	242,300	177,724	215,436
Honolua - Lahaina	9,731	7,515	4,240	3,160	3,637
Lahaina - Mākena	73,810	65,645	71,801	71,056	67,769

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



# Communication & Transportation

## Section 6

# COMMUNICATION & TRANSPORTATION

This section covers statistics on communications and transportation.

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

With more than 37,000 tons of cargo and mail passing through Kahului Airport and over 3,650,000 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 and the U.S. Army Corps of Engineers.

### 6.1.1

## AVERAGE PAID CIRCULATION OF THE MAUI NEWS

Year	Daily	Sunday
2001	18,718	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
2008	21,974	25,209
2009	18,770	20,886
2010	18,247	20,590
2011	17,521	19,809
2012	17,387	19,662
2013	NA	NA
2014	NA	NA
2015	15,200	17,100

SOURCE: DATA PROVIDED BY NEWSPAPER PUBLISHERS TO HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM.

### 6.1.2

## AVERAGE DISTRIBUTION OF OTHER NEWSPAPERS MAUI COUNTY

Free Circulation	Number Distributed	Frequency
Maui Time	18,000	Weekly
Lahaina News	12,300	Weekly
The Moloka'i Dispatch	3,800	Weekly
Lāna'i Today	2,600	Monthly

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>					
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
2010	53,519	48,073	284,945	23,810	410,347
2011	53,014	47,041	279,730	23,730	403,515
2012	D	D	D	D	D
2013	D	D	D	D	D
2014	D	D	D	D	D
<b>Basic Service Revenue (\$1,000)</b>					
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
2010	24,350	22,554	129,900	11,568	188,374
2011	25,127	23,763	133,934	12,176	195,002
2012	26,298	24,775	163,067	12,777	199,917
2013	D	D	D	D	D
2014	D	D	D	D	D

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

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

### 6.1.4

## RADIO AND TELEVISION BROADCASTING STATIONS IN OPERATION, MAUI COUNTY, 2015

	Maui County	State Total
<b>Commercial</b>		
AM	6	34
FM	14	62
TV <sup>1</sup>	6	27
<b>Public or Educational</b>		
AM	1	2
FM	7	28
TV <sup>1</sup>	1	2

1. Includes licensed stations that are digital television.

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

## 6.2.1

### TRAFFIC FLOWS ON MAJOR ROADS MAUI COUNTY

Site	Route	Milepoint	2012	2013	2014
Honoapi'ilani Hwy south of Kā'anapali Pkwy	30	23.58	39,300	NA	40,500
Honoapi'ilani Hwy north of Kahana Kai bridge	30	28.37	NA	NA	15,673
Pi'ilani Hwy near Līpoa Pkwy	31	6.97	31,500	33,000	32,700
Hāna Hwy near Central Power Plant Rd	36	1.70	33,500	33,700	35,600
Hāna Hwy near Baldwin Park	36	6.28	17,600	NA	18,200
Keolani Pl near Palapala Dr	36A	0.51	14,400	14,500	14,864
Haleakalā Hwy near North Firebreak Rd	37	0.61	28,800	29,200	29,900
North Kīhei Hwy near 9th St	310	0.86	15,000	15,500	15,800
Mokulele Hwy near Nakii Rd	311	2.38	30,000	31,000	31,900
Kuihelani Hwy near Mauilani Pkwy	380	1.52	21,900	22,600	23,500

Annual average daily traffic (AADT), the average of 24 hour counts collected every day in the year, unless otherwise specified.  
NA: Not available

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

## 6.2.2

### MOTOR VEHICLE CRASHES BY TYPE AND LOCATION MAUI COUNTY

Location	Major <sup>1</sup>		Minor <sup>2</sup>		Civil <sup>3</sup>		Non Traffic	
	2014	2015	2014	2015	2014	2015	2014	2015
Hā'iku	72	76	116	149	15	20	2	2
Hāli'imaile	5	6	14	11	3	4	0	0
Hāna	36	32	64	73	8	4	0	0
Hoolehua	0	6	5	8	2	1	1	0
Ka'anapali	24	46	63	107	105	127	1	3
Kahului	327	344	737	808	411	484	18	5
Kalaupapa	0	0	2	0	0	0	0	0
Kapalua	7	7	9	13	23	20	0	0
Kaunakakai	17	16	41	44	11	13	2	3
Kīhei	185	160	409	426	219	237	6	4
Kualapu'u	5	3	5	4	1	0	0	1
Kula	70	74	81	100	12	20	5	2
Lahaina	154	163	364	386	153	147	4	4
Lāna'i	16	5	26	29	6	9	0	1
Ma'alaea	46	32	37	61	9	24	1	0
Makawao	54	38	109	81	29	35	5	0
Mauna Loa	1	3	0	1	1	1	0	0
Nāpili	34	23	58	62	76	81	1	2
Pā'ia	54	43	88	92	25	50	0	0
Pukalani	40	48	71	83	41	50	2	0
Pūko'o	2	1	0	0	0	0	0	0
Spreckelsville	4	5	5	14	1	4	0	0
Waiehu	20	14	41	37	6	7	2	0
Waihe'e	11	8	12	20	2	2	0	0
Waikapu	17	10	18	25	1	8	0	0
Wailea	54	54	70	84	32	57	1	2
Wailuku	177	176	441	449	179	229	12	4
<b>Total</b>	<b>1,432</b>	<b>1,393</b>	<b>2,886</b>	<b>3,167</b>	<b>1,371</b>	<b>1,634</b>	<b>63</b>	<b>33</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.

### 6.2.3

## GASOLINE AND DIESEL AVERAGE PRICES PER GALLON

Gasoline Prices	Unit	Aug '15	Sept	Oct	Nov	Dec	Jan '16	Feb
<b>Wailuku</b>								
Regular	\$ per Gallon	3.442	3.337	3.307	3.313	3.287	3.169	3.124
Mid Grade	\$ per Gallon	3.548	3.461	3.425	3.421	3.386	3.312	3.273
Premium	\$ per Gallon	3.632	3.521	3.484	3.479	3.478	3.405	3.365
Diesel Prices	\$ per Gallon	4.237	4.215	4.221	4.217	4.212	4.209	4.117
<b>Hilo</b>								
Regular	\$ per Gallon	3.223	2.891	2.827	2.729	2.608	2.559	2.562
Mid Grade	\$ per Gallon	3.321	2.992	2.917	2.828	2.704	2.651	2.659
Premium	\$ per Gallon	3.434	3.102	3.064	2.959	2.840	2.777	2.775
Diesel Prices	\$ per Gallon	4.212	4.172	4.188	4.162	4.147	4.145	4.081
<b>Kaua'i</b>								
Regular	\$ per Gallon	3.437	3.178	3.123	3.090	3.035	2.894	2.887
Mid Grade	\$ per Gallon	3.585	3.311	3.241	3.205	3.143	3.009	3.012
Premium	\$ per Gallon	3.647	3.378	3.319	3.296	3.220	3.101	3.102
Diesel Prices	\$ per Gallon	4.473	4.399	4.363	4.323	4.350	4.284	4.279
<b>O'ahu</b>								
Regular	\$ per Gallon	3.048	2.798	2.731	2.708	2.590	2.479	2.408
Mid Grade	\$ per Gallon	3.165	2.915	2.840	2.818	2.702	2.597	2.530
Premium	\$ per Gallon	3.257	3.002	2.934	2.910	2.794	2.684	2.613
Diesel Prices	\$ per Gallon	4.501	4.480	4.435	4.369	4.317	4.278	4.131

SOURCE: STATE OF HAWAII, DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, MONTHLY ENERGY TRENDS.



## 6.2.4

### HIGHWAY DISTANCES MAUI COUNTY

State Routes	Route	Miles
30	High St, Honoapi'ilani Hwy, Kahekili Hwy	41.60
31	Pi'ilani Hwy <sup>1</sup>	7.15
36	Hāna Hwy	16.21
37	Haleakalā Hwy, Kula Hwy	21.35
360	Hāna Hwy, Keawa Pl	34.84
378	Haleakalā Crater Rd	10.11
<b>Moloka'i</b>		
450	Kamehameha V Hwy	27.50
460	Kaunakakai Pl & Maunaloa Hwy	16.55
<b>Lāna'i</b>		
440	Kaumalapau Hwy & Mānele Rd	13.17

1. Not including 4.86 miles proposed.

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION.

## 6.2.5

### HAWAII DRIVER'S LICENSES IN FORCE AND VEHICLE REGISTRATION BY TYPE OF VEHICLE MAUI COUNTY

	2009	2010	2011	2012	2013	2014
<b>Driver's Licenses in Force</b>	<b>109,304</b>	<b>110,420</b>	<b>110,993</b>	<b>110,666</b>	<b>110,585</b>	<b>111,664</b>
<b>All Vehicles</b>	<b>158,306</b>	<b>159,221</b>	<b>169,803</b>	<b>186,047</b>	<b>197,965</b>	<b>186,519</b>
<b>Motor Vehicles</b>	<b>153,481</b>	<b>154,276</b>	<b>165,419</b>	<b>181,307</b>	<b>193,610</b>	<b>182,467</b>
Passenger vehicles <sup>1</sup>	117,369	118,945	129,219	143,237	154,715	144,683
Ambulances	15	15	17	17	16	17
Buses	190	179	182	191	201	192
Trucks <sup>1</sup>	32,004	31,190	31,492	32,705	33,263	32,587
Truck tractors	75	70	67	71	75	80
Truck cranes	80	74	77	79	76	76
Motorcycles, motorscooters <sup>2</sup>	3,748	3,803	4,365	5,007	5,264	4,832
Trailers and semi-trailers	4,825	4,945	4,384	4,740	4,355	4,052

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; HAWAII STATE DEPARTMENT OF TRANSPORTATION, SAFE COMMUNITIES PROGRAM.

## 6.2.6

### HIGHWAY BRIDGES BY ISLAND, DECEMBER 31, 2014

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	-	0	-	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

Note: Limited to bridges under State jurisdiction and longer than 20 feet.

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION.

## 6.2.7

### LENGTH OF STREETS AND HIGHWAYS, PAVED AND UNPAVED BY ISLAND, DECEMBER 31, 2014

Island	Total Mileage	Paved		Unpaved
		Freeways	Other	
<b>State Total</b>	<b>4,439.43</b>	<b>88.49</b>	<b>4,178.53</b>	<b>172.41</b>
Hawai'i	1,498.96	0	1,439.66	59.30
Maui	643.76	0	587.06	56.70
Lāna'i	48.21	0	34.21	14.00
Moloka'i	136.12	0	124.12	12.00
O'ahu	1,671.41	88.49	1,575.00	7.92
Kaua'i	440.97	0	418.48	22.49

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION.

## 6.2.8

## MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES

Year	Highway Fuel Consumption <sup>1</sup>		Annual Vehicle Miles of Travel	
	Total (1,000 gallons)	Gallons per Vehicle <sup>2</sup>	Total (millions)	Per Vehicle <sup>2</sup>
<b>Maui County</b>				
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	8,921
2010	61,707	400	1,375.0	8,913
2011	69,460	420	1,471.3	8,895
2012	66,553	369	1,610.0	8,921
2013	67,451	348	1,716.2	8,864
2014	68,767	379	1,476.6	8,130
<b>State</b>				
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
2010	500,987	447	10,111.0	9,027
2011	546,247	462	10,653.9	9,020
2012	520,544	407	11,517.7	9,011
2013	523,856	391	12,078.2	9,006
2014	524,642	416	10,173.5	8,409

1. Includes gasoline, diesel oil, and butane gas.

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

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

## 6.2.9

### VEHICLE REGISTRATION BY TAXATION STATUS BY COUNTY, 2014

Taxation Status	State Total	Maui	Hawai'i	Honolulu	Kaua'i
<b>Taxable Vehicles</b>	<b>1,131,772</b>	<b>175,312</b>	<b>191,397</b>	<b>682,510</b>	<b>82,553</b>
<b>Exempt Vehicles</b>	<b>114,650</b>	<b>2,323</b>	<b>2,428</b>	<b>108,755</b>	<b>1,144</b>
Federal government	419	2	7	410	0
State government	6,533	1	0	6,532	0
County government	7,885	1,211	1,031	5,025	618
Fire department	335	66	147	60	62
Police department	1,913	129	416	1,340	28
Consulates	61	0	2	59	0
Disabled veterans	321	1	269	46	5
Military non-resident	87,584	86	82	87,198	218
Farm	116	28	54	33	1
Horseless carriage	66	0	4	51	11
Electric vehicles	3,253	603	150	2,394	106
National Guard	6,164	196	266	5,607	95
<b>Total Registered</b>	<b>1,246,422</b>	<b>177,635</b>	<b>193,825</b>	<b>791,265</b>	<b>83,697</b>

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, SAFE COMMUNITIES PROGRAM.

## 6.2.10

### DRIVERS INVOLVED IN FATAL CRASHES AND BLOOD ALCOHOL CONCENTRATION (BAC) OF THE DRIVER: 2014

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	13	9	69	4	31	0	0	4	31
Honolulu	53	33	62	20	38	2	4	18	34
Kaua'i	8	6	75	2	25	0	0	2	25
Maui	21	12	57	9	43	1	5	8	38
<b>State</b>	<b>95</b>	<b>60</b>	<b>63</b>	<b>35</b>	<b>37</b>	<b>3</b>	<b>3</b>	<b>32</b>	<b>34</b>

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

## 6.2.11

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

	2009	2010	2011 <sup>3</sup>	2012 <sup>3</sup>	2013 <sup>4</sup>
Major Traffic Accidents <sup>1</sup>					
Honolulu	4,534	5,239	3,948	466	NA
Hawai'i	1,536	1,401	256	825	NA
Kaua'i	445	440	409	240	NA
Maui	858	849	180	24	NA
Fatal Accidents <sup>2</sup>					
Honolulu	50	59	49	49	52
Hawai'i	24	27	23	36	19
Kaua'i	7	9	6	6	7
Maui	18	12	19	23	16
Persons Injured					
Honolulu	3,680	4,300	3,361	401	NA
Hawai'i	834	825	241	813	NA
Kaua'i	407	395	371	201	NA
Maui	862	914	204	28	NA
Persons Killed <sup>2</sup>					
Honolulu	53	60	51	56	56
Hawai'i	27	29	23	38	23
Kaua'i	8	10	6	8	7
Maui	21	12	20	23	16

NA: Not available

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

2. Effective 2005, based on Fatality Analysis Reporting System (FARS) data published by the National Highway Traffic Safety Admin.

3. Revised from previous Data Book.

4. Preliminary.

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

## 6.2.12

### AIRCRAFT OPERATIONS BY TYPE OF AIRCRAFT MAJOR STATE-OWNED AIRPORTS, 2013

Airport	Total Operations	Air Carrier	Air Taxi	General Aviation	Military
Honolulu International	290,237	154,585	71,763	49,329	14,560
Kahului	128,303	45,018	61,623	18,998	2,664
Kona International	118,037	22,276	26,621	52,548	16,592
Lihue	126,302	26,194	68,938	24,857	6,313
Hilo International	94,311	14,933	46,536	18,434	14,408
Molokai	34,518	1,358	24,005	6,041	3,114
Kalaeloa	139,124	2	2	110,742	28,378

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

Air Carrier: Large commercial aircraft having more than 60 seats.

AirTaxi: Small commercial aircraft with 60 seats or less.

General Aviation: All types of civil aviation, including private jets, corporate jets, and helicopters.

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, AIRPORTS DIVISION.

## 6.2.13

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

	2006	2007	2008	2009	2010	2011	2012	2013
<b>Kahului Airport</b>								
All movements	164,992	148,034	128,022	118,800	118,896	121,962	130,010	128,303
Air carrier	67,676	52,172	39,240	40,802	39,400	38,078	43,374	45,018
Air taxi	70,272	72,935	68,981	58,664	59,387	62,151	65,872	61,623
General aviation	24,468	20,237	17,005	15,306	17,287	18,646	18,418	18,998
Military	2,576	2,690	2,796	4,028	2,822	3,087	2,346	2,664
<b>Moloka'i Airport</b>								
All movements	39,685	37,615	31,200	24,295	26,491	30,056	34,672	34,518
Air carrier	181	0	0	0	0	0	0	1,358
Air taxi	27,488	26,821	23,405	17,966	19,679	21,038	26,475	24,005
General aviation	10,137	9,407	6,601	5,629	6,065	6,539	6,352	6,041
Military	1,879	1,387	1,194	700	747	2,479	1,845	3,114

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

## 6.2.14

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

Airport	2011		2012		2013	
	Outgoing	Incoming	Outgoing	Incoming	Outgoing	Incoming
<b>Passengers<sup>1</sup></b>						
Kahului						
Interisland	1,194,285	1,211,869	1,332,091	1,350,847	1,412,147	1,421,932
Overseas	1,543,388	1,536,431	1,624,470	1,618,644	1,632,197	1,634,611
Moloka'i	85,683	87,258	84,653	86,703	84,196	86,400
Lāna'i	46,279	46,470	45,146	45,365	49,536	49,743
Kapalua	44,788	44,983	42,549	42,028	28,033	24,780
Hāna	166	165	3,219	3,566	7,070	7,025
Kalaupapa	512	494	87	86	1,678	1,611
<b>Cargo (U.S. tons)</b>						
Kahului						
Interisland	4,407	11,239	4,668	11,473	5,096	13,103
Overseas	1,652	7,623	1,687	7,996	1,213	7,654
Moloka'i	163	612	199	664	211	680
Lāna'i	79	544	81	804	76	752
Kapalua	173	711	174	583	186	884
Hāna	0	0	0	0	1	1
Kalaupapa	34	135	29	168	23	119
<b>Mail (U.S. tons)</b>						
Kahului						
Interisland	1,536	6,155	1,690	4,221	1,637	4,444
Overseas	595	3,342	658	3,596	637	3,485
Moloka'i	0	0	0	0	0	0
Lāna'i	0	0	0	0	0	0
Kapalua	0	0	0	0	0	0
Hāna	0	0	0	0	0	0
Kalaupapa	0	0	0	0	0	0

1. Revenue and non-revenue passengers, excluding passengers in transit and Military Airlift Command (MAC).

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

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, AIRPORTS DIVISION.

## 6.2.15

### VESSEL ARRIVALS FOR KAHULUI HARBOR

*Excludes domestic fishing craft*

	2010	2011	2012	2013	2014
<b>Total Inbound Vessels</b>	<b>987</b>	<b>1,650</b>	<b>903</b>	<b>688</b>	<b>1,033</b>
<b>By Type of Vessel</b>					
Self propelled vessels					
Passenger and dry cargo	93	61	76	60	66
Tanker	8	7	7	12	11
Towboat or tugboat	466	424	547	307	494
Non-self propelled vessels					
Dry cargo	331	1,047	184	238	357
Tanker	89	111	89	71	105
<b>By Draft</b>					
Less than 18 feet	699	829	702	562	851
18 feet and more	288	821	201	126	182

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

## 6.2.16

### FREIGHT TRAFFIC KAHULUI HARBOR

*In thousands short tons*

	Total	Inbound	Outbound
2005	4,132	2,830	1,303
2006	4,794	2,934	1,859
2007	5,630	3,341	2,289
2008	3,958	2,409	1,549
2009	2,139	1,358	781
2010	2,114	1,338	776
2011	3,504	2,233	1,272
2012	4,711	2,762	1,949
2013	3,669	2,302	1,367
2014	3,739	2,421	1,317

Note: Totals may not add due to rounding.

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



## 6.2.17

## FREIGHT TRAFFIC BY COMMODITY KAHULUI HARBOR

*In thousand short tons*

2014	Total	Domestic Inbound	Domestic Outbound	Foreign Inbound
<b>All Commodities</b>	<b>3,739</b>	<b>2,404</b>	<b>1,317</b>	<b>17</b>
<b>Total Petroleum and Petroleum Products</b>	<b>468</b>	<b>448</b>	<b>3</b>	<b>17</b>
2211 Gasoline	209	206	3	0
2330 Distillate fuel oil	176	176	0	0
2340 Residual fuel oil	52	52	0	0
2350 Lube oil & greases	1	1	0	0
2429 Naphtha & solvents	7	7	0	0
2640 Hydrocarbon & petrol gases	23	6	0	17
<b>Total Chemicals and Related Products</b>	<b>23</b>	<b>23</b>	<b>0</b>	<b>0</b>
3190 Fertilizers & mixes NEC	8	8	0	0
3220 Alcohols	14	14	0	0
<b>Total Crude Materials, Inedible (Except Fuels)</b>	<b>35</b>	<b>22</b>	<b>14</b>	<b>0</b>
4189 Lumber	22	21	1	0
4225 Pulp & waste paper	10	0	10	0
4420 Iron & steel scrap	3	1	3	0
<b>Total Primary Manufactured Goods</b>	<b>60</b>	<b>55</b>	<b>5</b>	<b>0</b>
5190 Paper products NEC	5	5	0	0
5220 Cement & concrete	34	34	0	0
5290 Misc. mineral products	4	3	0	0
5360 Iron & steel bars & shapes	1	1	0	0
5480 Fabricated metal products	16	11	4	0
5540 Primary wood products	1	1	0	0

CONTINUES ON THE NEXT PAGE

## 6.2.17

## CONTINUED

	Total	Domestic Inbound	Domestic Outbound	Foreign Inbound
<b>Total Food and Farm Products</b>	<b>201</b>	<b>105</b>	<b>95</b>	<b>0</b>
6442 Rice	2	2	0	0
6654 Vegetables & products	11	9	1	0
6781 Hay & fodder	1	1	0	0
6782 Animal feed, prepared	4	4	0	0
6811 Meat, fresh, frozen	1	1	0	0
6839 Animals & products NEC	4	2	2	0
6861 Sugar	35	0	35	0
6865 Molasses	45	0	45	0
6885 Alcoholic beverages	25	25	1	0
6887 Groceries	12	9	4	0
6889 Food products NEC	55	47	8	0
6899 Farm products NEC	5	5	0	0
<b>Total All Manufactured Equipment, Machinery</b>	<b>2,951</b>	<b>1,752</b>	<b>1,199</b>	<b>0</b>
7110 Machinery (not electric)	2	1	0	0
7120 Electrical machinery	2	1	1	0
7210 Vehicles & parts	198	125	74	0
7230 Ships & boats	1	1	0	0
7400 Manufactured wood products	37	30	8	0
7900 Manufactured products NEC	2,711	1,595	1,116	0

NEC: Not elsewhere classified

Note: Totals may not add due to rounding.

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

## 6.2.18

## FREIGHT TRAFFIC BY COMMODITY KAHULUI HARBOR, HISTORICAL

*In short tons*

	2010	2011	2012	2013
<b>All Commodities</b>	<b>2,114,105</b>	<b>3,504,332</b>	<b>4,710,764</b>	<b>3,668,583</b>
Receipts	1,337,726	2,232,800	2,761,835	2,301,849
Shipments	776,379	1,271,532	1,948,929	1,366,734
<b>Total Coal</b>	<b>85,938</b>	<b>63,080</b>	<b>59,500</b>	<b>33,000</b>
Receipts	85,938	0	0	0
Shipments	0	63,080	59,500	33,000
<b>Total Petroleum and Petroleum Products</b>	<b>478,811</b>	<b>510,114</b>	<b>480,680</b>	<b>417,242</b>
Receipts	478,785	508,154	478,708	416,709
Shipments	26	1,960	1,972	533
<b>Total Chemicals and Related Products</b>	<b>18,817</b>	<b>19,400</b>	<b>11,054</b>	<b>18,579</b>
Receipts	18,527	18,929	10,692	18,208
Shipments	290	471	362	371
<b>Total Crude Materials, Inedible (Except Fuels)</b>	<b>18,224</b>	<b>15,628</b>	<b>9,409</b>	<b>27,387</b>
Receipts	14,145	13,444	3,494	14,162
Shipments	4,079	2,184	5,915	13,225
<b>Total Primary Manufactured Goods</b>	<b>1,081,454</b>	<b>37,590</b>	<b>56,652</b>	<b>59,551</b>
Receipts	550,696	31,602	51,694	54,456
Shipments	530,758	5,988	4,958	5,095
<b>Total Food and Farm Products</b>	<b>292,360</b>	<b>278,401</b>	<b>229,698</b>	<b>287,061</b>
Receipts	95,527	100,114	52,684	105,666
Shipments	196,833	178,287	177,014	181,395
<b>Total All Manufactured Equipment, Machinery</b>	<b>129,656</b>	<b>2,571,528</b>	<b>3,862,509</b>	<b>2,825,193</b>
Receipts	93,408	1,560,490	2,164,563	1,692,644
Shipments	36,248	1,011,038	1,697,946	1,132,549
<b>Total Waste and Scrap, NEC</b>	<b>8,145</b>	<b>8,524</b>	<b>1,262</b>	<b>566</b>
Receipts	0	0	0	0
Shipments	8,145	8,524	1,262	566
<b>Total Unknown or Not Elsewhere Classified</b>	<b>700</b>	<b>67</b>	<b>0</b>	<b>4</b>
Receipts	700	67	0	4
Shipments	0	0	0	0

NEC: Not elsewhere classified

Note: Totals may not add due to rounding.

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

# Energy & Science



## Section 7

# ENERGY & SCIENCE

The growth in Maui County's population is reflected in the utilities. Consumption and use of electricity, gas, utilities, and water have all increased dramatically over the last decade. This section details those statistics on electricity, gas, water production and consumption.

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 KEA AND HALEAKALĀ

Facility (mirror diameter in meters)	Capital Cost (\$ mil) <sup>1</sup>	Annual Operating Cost (\$ mil)	County Based Staff	Operational
<b>Mauna Kea Observatories:</b>				
UH 2.2-m (Optical/Infrared)	5	1	6	1970
Canada-France-Hawai'i 3.6-m (Optical/Infrared)	30	7.4	45	1979
NASA IRTF 3.0-m (Infrared)	10	5.1	19	1979
United Kingdom 3.8-m (Infrared)	5	2.2	6	1979
James Clerk Maxwell 15-m Submillimeter	32	4.7	35	1986
Caltech 10.4-m Submillimeter	10	0.6	5	1986
VLBA Antenna 25-m (Radio)	7	0.4	2	1992
W.M. Keck Observatory (Keck I & II)				
10-m x 2 (Optical/Infrared)	170	13.5	120	1992/1996
Subaru (Japan National Large Telescope)				
8-m (Optical/Infrared)	170	17.0	101	1999
Fredrick C. Gillett Gemini 8m (Optical/Infrared)	92	13.7	83	1999
Submillimeter Array 8x6-m	80	5.5	23	2003
Mauna Kea Observatories Support Services	X	5.4 <sup>2</sup>	44	1980
<b>Total</b>	<b>601</b>	<b>72.4</b>	<b>484</b>	
<b>Haleakalā Observatories:</b>				
Mees Solar Observatory	0.5	0.2	1	1963
Haleakalā Observatories Projects	NA	0.5	4	NA
Maui Space Surveillance Site (MSSS)	250.0	26.3	117	1965
Ground-Based Electro-Optical Deep Space				
Surveillance (GEODSS)	25.0	6.1	16	1983
Faulkes 2-m Telescope	10.0	0.6	2	2003
Transportable Laser Ranging System (TLRS4)	0.6	0.5	5	2005
Panoramic Survey Telescope And Rapid Re-				
sponse				
System (Pan-STARRS)	55.0	5.6	11	2009
Haleakalā Support Facilities	8.6	0.6	11	1962/2008
<b>Total</b>	<b>349.7</b>	<b>40.4</b>	<b>167</b>	

NA Not available. X Not applicable.

Note: Data as of March 2016 for Mauna Kea and 2014 for Haleakalā.

1. Historical cost, not adjusted for inflation, and not including subsequent capital improvements for Mauna Kea Observation.

2. Only \$1.9 million of this included in total as the other \$3.5 million are part of facility operating costs.

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

7.1.2  
**ELECTRIC UTILITIES  
 MAUI COUNTY**

	2010	2011	2012	2013	2014
<b>Customers, Dec 31</b>					
<b>Total</b>					
Maui Island	62,992	63,433	64,047	64,657	65,124
Moloka'i	3,127	3,164	3,198	3,211	3,186
Lāna'i	1,620	1,633	1,677	1,709	1,732
<b>Maui County</b>	<b>67,739</b>	<b>68,230</b>	<b>68,922</b>	<b>69,577</b>	<b>70,042</b>
<b>Residential</b>					
Maui Island	53,848	54,305	54,785	55,301	55,670
Moloka'i	2,596	2,611	2,643	2,649	2,648
Lāna'i	1,391	1,410	1,451	1,469	1,484
<b>Maui County</b>	<b>57,835</b>	<b>58,326</b>	<b>58,879</b>	<b>59,419</b>	<b>59,802</b>
<b>Other</b>					
Maui Island	9,144	9,128	9,262	9,356	9,454
Moloka'i	531	553	555	562	538
Lāna'i	229	223	226	240	248
<b>Maui County</b>	<b>9,904</b>	<b>9,904</b>	<b>10,043</b>	<b>10,158</b>	<b>10,240</b>
<b>Peak Demand (mW)<sup>1</sup></b>					
Maui Island	203.8	194.1	194.8	194.8	190.3
Moloka'i	5.7	5.8	5.5	5.5	5.4
Lāna'i	4.8	4.7	4.6	4.6	5.0
<b>Power Sold (1,000 kWh)</b>					
<b>Total</b>					
Maui Island	1,135,141	1,125,556	1,090,179	1,079,935	1,076,321
Moloka'i	31,451	30,685	29,942	29,380	29,207
Lāna'i	24,967	24,785	24,712	25,558	26,529
<b>Maui County</b>	<b>1,191,559</b>	<b>1,181,026</b>	<b>1,144,833</b>	<b>1,134,873</b>	<b>1,132,056</b>
<b>Residential</b>					
Maui Island	408,068	403,908	398,869	377,209	369,877
Moloka'i	12,261	12,041	11,700	10,951	10,459
Lāna'i	7,614	7,377	7,358	7,186	7,572
<b>Maui County</b>	<b>427,943</b>	<b>423,326</b>	<b>417,927</b>	<b>395,346</b>	<b>387,908</b>
<b>Other</b>					
Maui Island	726,245	731,233	726,687	712,970	710,058
Moloka'i	19,573	19,410	18,985	18,991	18,921
Lāna'i	18,483	17,590	17,427	17,526	17,985
<b>Maui County</b>	<b>764,301</b>	<b>768,233</b>	<b>763,099</b>	<b>749,487</b>	<b>746,964</b>

## 7.1.2

## CONTINUED

	2010	2011	2012	2013	2014
<b>Average Annual Use, Dec 31 (kWh)</b>					
<b>Residential</b>					
Maui Island	7,501	7,345	6,885	6,688	6,542
Moloka'i	4,638	4,481	4,143	3,948	3,744
Lāna'i	5,303	5,218	4,952	5,155	5,317
<b>Other</b>					
Maui Island	79,969	79,611	76,978	75,893	75,327
Moloka'i	36,554	34,332	34,217	33,667	35,858
Lāna'i	76,812	78,149	77,549	74,938	75,156
<b>Average Rate (dollars per kWh)</b>					
<b>Residential</b>					
Maui Island	0.29453	0.35774	0.38709	0.37824	0.37827
Moloka'i	0.35778	0.43025	0.46129	0.46435	0.47062
Lāna'i	0.37102	0.44049	0.46612	0.46344	0.45848
<b>Other</b>					
Maui Island	0.27890	0.34497	0.37238	0.36193	0.36142
Moloka'i	0.36182	0.43526	0.45633	0.45530	0.45366
Lāna'i	0.37470	0.44506	0.47129	0.46317	0.45907
<b>Revenues (\$1,000)</b>					
<b>Total</b>					
Maui Island	322,903	393,156	411,509	396,894	395,142
Moloka'i	11,331	13,298	13,718	13,471	13,418
Lāna'i	9,328	10,997	11,609	11,840	12,174
<b>Maui County</b>	<b>343,562</b>	<b>417,451</b>	<b>436,836</b>	<b>422,205</b>	<b>420,734</b>
<b>Residential</b>					
Maui Island	118,962	142,692	146,013	139,902	137,757
Moloka'i	4,308	5,034	5,052	4,856	4,666
Lāna'i	2,737	3,241	3,349	3,509	3,617
<b>Maui County</b>	<b>126,007</b>	<b>150,967</b>	<b>154,414</b>	<b>148,267</b>	<b>146,040</b>
<b>Other</b>					
Maui Island	203,941	250,464	265,496	256,991	257,385
Moloka'i	7,023	8,264	8,666	8,615	8,752
Lāna'i	6,591	7,756	8,260	8,330	8,557
<b>Maui County</b>	<b>217,555</b>	<b>266,484</b>	<b>282,422</b>	<b>273,936</b>	<b>274,694</b>

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: MONTHLY FINANCIAL REPORTS ISSUED BY UTILITY COMPANIES (HAWAIIAN ELECTRIC COMPANY, MAUI ELECTRIC COMPANY, HAWAII ELECTRIC LIGHT COMPANY AND KAUA'I ISLAND UTILITY COOPERATIVE),  
CALCULATIONS BY DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM.



**7.1.3**  
**GAS UTILITIES**  
**MAUI COUNTY**

*Excludes bottled gas*

	2010	2011	2012	2013	2014
<b>Island of Maui</b>					
<b>Customers, Dec. 31</b>					
Residential	427	431	428	420	423
Other	86	86	88	90	88
<b>Total</b>	<b>513</b>	<b>517</b>	<b>516</b>	<b>510</b>	<b>511</b>
<b>Gas Sold (1,000 therms)</b>					
Residential	108	109	111	107	104
Other	769	749	777	770	798
<b>Total</b>	<b>877</b>	<b>858</b>	<b>888</b>	<b>876</b>	<b>902</b>
<b>Average Annual Use (therms)</b>					
Residential	252	252	259	254	246
Other	8,941	8,711	8,825	8,551	9,065
<b>Average Rate (dollar per therm)</b>					
Residential	3.91045	4.30770	4.12958	3.90245	4.26276
Other	2.53368	2.91648	2.78814	2.54380	2.86278
<b>Revenues (\$1,000)</b>					
Residential	421	468	458	417	443
Other	1,948	2,185	2,165	1,958	2,284
<b>Total</b>	<b>2,369</b>	<b>2,653</b>	<b>2,624</b>	<b>2,374</b>	<b>2,727</b>
<b>Islands of Moloka'i and Lāna'i<sup>1</sup></b>					
<b>Customers, Dec. 31</b>					
Moloka'i	78	83	85	91	84
Lāna'i	17	22	20	21	22
<b>Gas Sold (1,000 therms)</b>					
Moloka'i	13	12	16	15	15
Lāna'i	1	1	2	3	3
<b>Average Annual Use (therms)</b>					
Moloka'i	163	145	184	165	181
Lāna'i	75	65	115	136	129
<b>Average Rate (dollar per therm)</b>					
Moloka'i	4.57941	4.94771	4.74503	4.52344	4.85508
Lāna'i	6.14759	6.70154	5.66075	5.17527	5.54700
<b>Revenues (\$1,000)</b>					
Moloka'i	58	60	74	68	74
Lāna'i	8	10	13	15	16

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

SOURCE: HAWAII'S GAS THE CLEAN ENERGY COMPANY, HAWAII'S GAS UTILITY MONTHLY FINANCIAL REPORTS,  
CALCULATIONS BY HAWAII'S STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM.

## 7.1.4

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

*In trillion BTU*

	2009	2010	2011	2012	2013
<b>Coal</b>	<b>19.0</b>	<b>17.1</b>	<b>16.1</b>	<b>16.6</b>	<b>15.3</b>
<b>Natural Gas</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
<b>Petroleum</b>					
Distillate fuel oil	35.0	39.6	36.5	35.2	33.0
Jet fuel	52.7	55.8	62.1	64.1	64.2
Liquefied petroleum gas	3.1	3.2	3.4	3.4	3.2
Motor gasoline	51.6	48.0	53.3	50.7	51.0
Residual fuel oil	77.9	74.7	73.6	67.4	65.2
Other	15.3	16.2	16.7	17.0	16.3
<b>Total Petroleum</b>	<b>235.7</b>	<b>237.5</b>	<b>245.5</b>	<b>237.9</b>	<b>233.0</b>
<b>Renewable Energy</b>					
Hydroelectric	1.1	0.7	0.9	1.1	0.7
Biomass	12.2	10.4	10.6	9.6	11.2
Wood and waste	8.6	7.7	7.3	6.7	8.2
Ethanol fuel	3.6	2.8	3.2	2.9	3.0
Geothermal	1.6	2.0	2.2	2.5	2.6
Solar / Photovoltaic	2.6	3.4	4.6	6.7	9.3
Wind	2.5	2.5	3.3	3.6	4.8
<b>Total Renewable Energy</b>	<b>20.1</b>	<b>19.0</b>	<b>21.6</b>	<b>23.5</b>	<b>28.6</b>
<b>Total Energy Consumption</b>	<b>274.9</b>	<b>273.8</b>	<b>283.4</b>	<b>278.2</b>	<b>277.1</b>

Note: Revised data from 2009 to 2013. Totals may not equal sum of components due to independent rounding.

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*

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	<b>Number of Services</b>									
Maui County	33,123	33,675	34,682	35,444	35,540	35,611	35,698*	35,753	35,866	36,040
Maui	31,510	32,045	33,032	33,789	33,876	33,947	34,038*	34,090	34,200	34,373
Moloka'i	1,613	1,630	1,650	1,655	1,664	1,664	1,660*	1,663	1,666	1,667
	<b>Consumption (million gallons)</b>									
Maui County	12,961	13,186	13,258	12,797	12,074	12,214	12,371	12,675	13,253	11,851
Maui	12,644	12,883	12,961	12,510	11,794	11,916	12,089	12,410	12,958	11,592
Moloka'i	317	303	297	287	280	298	282	265	295	259

\* Revised data.

SOURCE: DATA COMPILED BY HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM FROM COUNTY OF MAUI DEPARTMENT OF WATER SUPPLY.

7.1.6

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

*In thousands of gallons*

Area	01/15	02/15	03/15	04/15	05/15	06/15	07/15	08/15	09/15	10/15	11/15	12/15	Previous 12 Months
<b>Central Maui</b>													
Groundwater-Īao	13,519	12,091	12,729	14,007	13,763	13,804	15,192	14,272	14,078	14,094	13,298	14,887	13,811
Īao Tunnel	3,105	3,421	3,478	4,821	4,787	4,838	4,856	4,917	5,028	4,988	4,914	3,196	4,362
Groundwater-Waihe'e	711	722	727	727	727	727	727	727	720	720	718	719	723
Kepaniwai	1,524	1,530	1,543	1,545	1,468	1,462	1,473	1,501	1,509	1,505	1,452	1,498	1,501
Maui Lani	867	737	915	1,069	1,109	1,106	1,042	1,069	1,091	1,101	1,061	1,092	1,022
Surface water	1,023	981	308	621	588	1,201	653	1,007	1,007	539	1,209	1,418	880
<b>Upcountry Maui</b>													
Surface water	5,217	4,848	5,019	5,670	5,739	6,090	6,546	5,924	4,707	5,199	5,597	5,309	5,489
Groundwater	925	1,117	966	872	842	925	992	947	905	850	831	850	919
<b>West Maui</b>													
Surface water	2,858	2,997	2,886	3,132	3,412	3,580	3,659	3,443	2,971	3,173	3,364	3,432	3,242
Groundwater	2,451	2,104	2,125	2,339	2,038	2,519	2,445	2,449	2,586	2,544	1,985	2,007	2,299
<b>East Maui</b>													
Groundwater	560	537	524	536	514	540	550	546	569	568	564	607	551
<b>Moloka'i</b>													
Groundwater	746	762	781	942	939	987	1,029	967	802	812	662	802	853
<b>Total Water Production</b>	<b>33,506</b>	<b>31,847</b>	<b>32,001</b>	<b>36,281</b>	<b>35,926</b>	<b>37,779</b>	<b>39,165</b>	<b>37,769</b>	<b>35,972</b>	<b>36,093</b>	<b>35,656</b>	<b>35,816</b>	<b>35,651</b>

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, MONTHLY WATER PRODUCTION.

7.1.7

**WATER SYSTEM SERVICE CHARGES AND  
DEVELOPMENT FEE SCHEDULES**

*In \$ per 1,000 gallons*

**Water Service Charges (Fiscal Year 2016)**

<b>Schedule A</b>		<b>Schedule B (meter size)</b>	<b>Per meter/ per month</b>
<b>Family Dwellings, 5/8" meters</b>			
0 - 5,000 gal	\$1.90	5/8 inch	\$17.50
5,001 - 15,000	\$3.60	3/4 inch	\$28.00
15,001 - 35,000	\$5.40	1 inch	\$42.00
Over 35,000	\$6.05	1 1/2 inch	\$80.00
<b>Rates (all others)</b>			
0 - 5,000 gal	\$1.90	2 inch	\$125.00
5,001 - 15,000	\$3.60	3 inch	\$220.00
Over 15,000	\$5.40	4 inch	\$380.00
<b>Agricultural Rates</b>			
Over 15,000	\$1.00	6 inch	\$700.00
<b>Non-potable Agricultural Rates</b>			
All usage	\$0.75	8 inch	\$1,100.00

**Water System  
Development Fee Schedule**

<b>Meter Size</b>	<b>Fee</b>
5/8 inch	\$6,030
3/4 inch	\$18,884
1 inch	\$33,356
1 1/2 inch	\$71,948
2 inch	\$125,012
3 inch	\$279,380
4 inch	\$496,460
6 inch	\$1,113,932
8 inch	\$1,977,428
10 inch	\$3,089,360
12 inch	\$4,447,436

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY.

7.1.8

**WATER SERVICE BY METER SIZE  
MAUI COUNTY**

*Fiscal year ending June 30, 2014*

<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	17,338	1,514	559	419	415	60	30	6	1	20,342
Makawao	8,714	317	175	70	27	14	3	1	0	9,321
Lahaina	2,675	249	134	126	122	25	9	2	0	3,342
Hāna	512	12	9	5	4	0	0	0	0	542
Moloka'i	1,541	44	32	16	18	2	0	1	0	1,654
Subtotal	30,780	2,136	909	636	586	101	42	10	1	35,201
<b>Agricultural Meters</b>										
Wailuku	34	11	9	5	3	2	1	0	0	65
Makawao	433	72	93	98	36	0	3	0	0	735
Lahaina	8	3	5	0	1	0	1	0	0	18
Hāna	7	0	1	0	0	0	0	0	0	8
Moloka'i	7	4	2	0	0	0	0	0	0	13
Subtotal	489	90	110	103	40	2	5	0	0	839
<b>Total</b>	<b>31,269</b>	<b>2,226</b>	<b>1,019</b>	<b>739</b>	<b>626</b>	<b>103</b>	<b>47</b>	<b>10</b>	<b>1</b>	<b>36,040</b>

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2014.

7.1.9

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

*Fiscal year ending June 30, 2014*

	<b>1,000 Gallons</b>	<b>Amount</b>	<b>Cost per 1,000 Gallons</b>
<b>Purchased from</b>			
East Maui Irrigation	2,210,925	133,319	0.060
Wailuku Water Co.	543,921	279,441	0.514
Kapalua Land Co.	597,747	165,659	0.277
Hawaiian Home Lands	9,865	63,738	6.461
<b>Total</b>	<b>3,362,458</b>	<b>642,156</b>	<b>0.191</b>
<b>District</b>			
Wailuku	543,921	279,441	0.514
Kula	249,178	15,025	0.060
Makawao	1,957,323	118,027	0.060
Lahaina	595,747	165,659	0.277
Hāna	4,425	267	0.060
Moloka'i	9,865	63,738	6.461
<b>Total</b>	<b>3,362,458</b>	<b>642,156</b>	<b>0.191</b>

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2014.

## 7.1.10

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

*Fiscal year ending June 30, 2014*

System	Services	Change from FY 2013	Consumption (1,000 gal)	Change from FY 2013 (1,000 gal)
<b>Wailuku District</b>				
Wailuku	5,871	76	1,251,915	(299,960)
Waihe'e	193	0	25,472	(6,758)
Waikapū	915	0	113,772	(21,820)
Wailuku Heights	491	0	76,716	(15,429)
Kahului	4,754	32	1,466,479	(68,263)
Pu'unēnē	14	0	57,818	3,656
Kīhei	6,812	35	3,804,616	(333,416)
Mā'alaea	46	0	102,703	(24,759)
Mākena	201	0	239,751	(21,357)
Pā'ia-Kū'au	907	0	154,913	(16,453)
Spreckelsville	203	0	66,889	(8,754)
<b>Subtotal</b>	<b>20,407</b>	<b>143</b>	<b>7,361,044</b>	<b>(813,313)</b>
<b>Makawao District</b>				
Kokomo-Kaupakalua	1,125	3	148,349	(3,785)
Kuiaha	301	0	47,840	2,187
Ha'ikū-Pa'uwela	851	4	120,003	5,728
Makawao	1,990	4	313,891	(13,837)
Pukalani	2,066	3	351,028	(36,329)
Hāli'imaile	200	0	33,479	6,881
Upper Kula	2,298	9	606,814	(127,536)
Lower Kula	1,105	6	984,228	(290,234)
'Ulupalakua-Kanaio	81	0	70,121	(19,284)
Kula Ag. Park	39	0	211,388	(60,622)
<b>Subtotal</b>	<b>10,056</b>	<b>29</b>	<b>2,887,141</b>	<b>(536,831)</b>
<b>Lahaina District</b>				
Lahaina	2,101	0	760,987	(36,115)
Honokōwai	451	1	491,154	(10,035)
'Alaeloa	795	0	561,244	21,250
Honokōhau	13	0	1,071	326
<b>Subtotal</b>	<b>3,360</b>	<b>1</b>	<b>1,814,456</b>	<b>(24,574)</b>
<b>Moloka'i District</b>				
Kawela-Kaunakakai	1,176	1	185,815	31,319
'Ualapu'e	1	0	64,797	3,877
Kala'e	379	0	8,415	630
Hālawa	111	0	0	0
<b>Subtotal</b>	<b>1,667</b>	<b>1</b>	<b>259,027</b>	<b>35,826</b>
<b>Hāna District</b>				
Hāna	402	0	54,809	9,979
Nāhiku	40	0	2,837	(468)
Ke'anae	87	0	7,230	(501)
Kaupō	21	0	2,114	708
<b>Subtotal</b>	<b>550</b>	<b>0</b>	<b>66,990</b>	<b>9,718</b>

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2014.



7.1.11

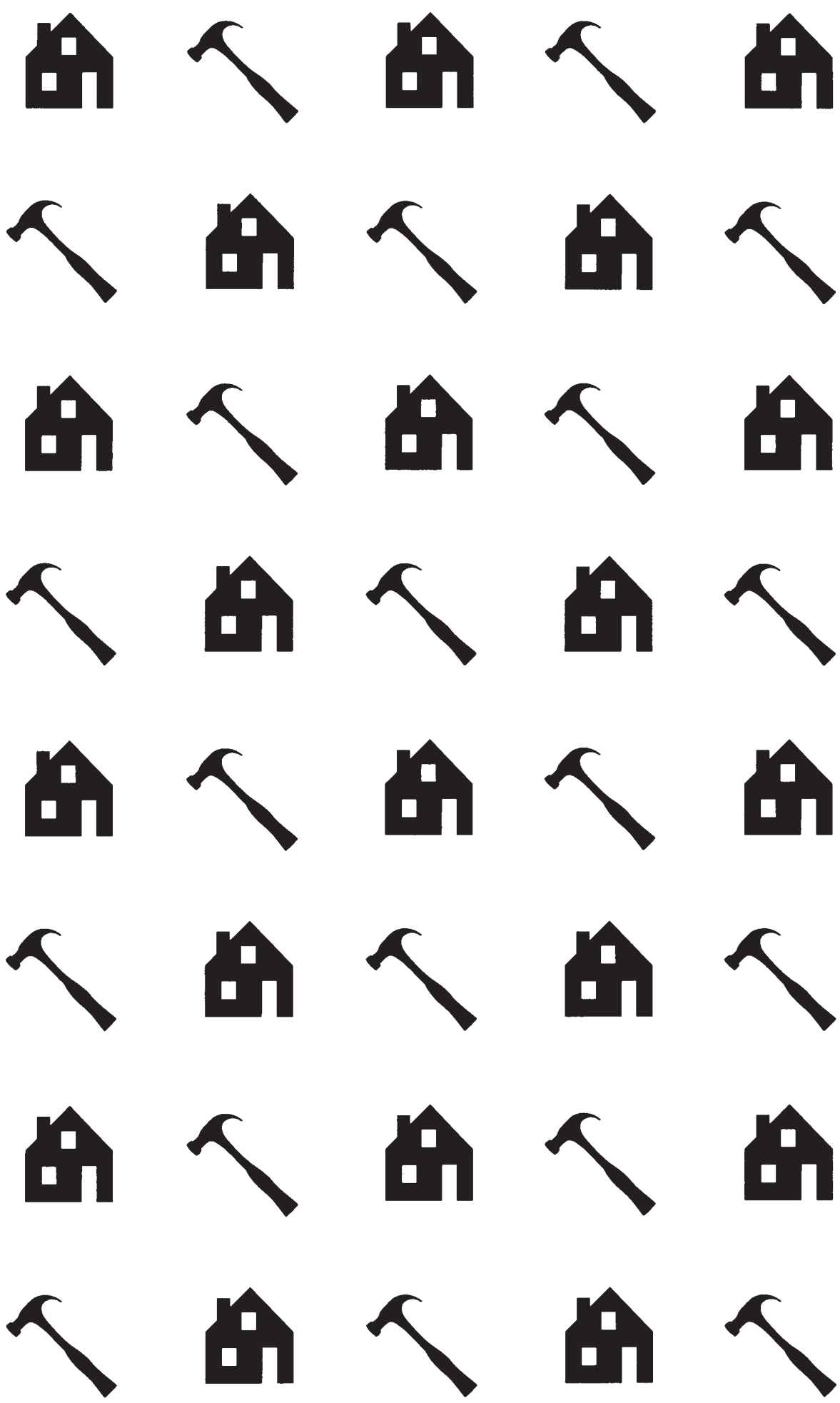
**WATER CONSUMPTION BY DISTRICT  
MAUI COUNTY**

*Fiscal year ending June 30, 2014; In 1,000 gallons*

<b>Months</b>	<b>Total</b>	<b>Wailuku</b>	<b>Makawao</b>	<b>Kula</b>	<b>Lahaina</b>	<b>Moloka'i</b>	<b>Hāna</b>
<b>General</b>							
July	941,023	614,915	81,041	48,576	156,619	27,655	12,217
August	1,019,053	657,095	92,486	58,563	181,628	26,673	2,608
September	1,037,016	682,296	95,341	62,524	168,211	23,582	5,062
October	928,637	607,425	82,982	52,844	161,064	19,800	4,522
November	985,338	669,143	87,917	51,769	156,596	15,291	4,622
December	859,179	572,226	73,291	41,374	145,494	21,930	4,864
January	886,692	595,039	77,246	40,673	152,065	17,063	4,606
February	755,268	503,397	64,883	31,228	138,381	13,218	4,161
March	703,077	486,395	62,155	28,115	106,471	15,826	4,115
April	768,341	517,032	59,617	41,577	126,457	19,382	4,276
May	855,280	580,412	62,539	39,303	149,586	18,606	4,834
June	924,476	642,361	60,632	47,689	146,755	22,481	4,559
<b>Total</b>	<b>10,663,380</b>	<b>7,127,736</b>	<b>900,130</b>	<b>544,235</b>	<b>1,789,327</b>	<b>241,507</b>	<b>60,446</b>
<b>Agricultural</b>							
July	102,708	17,564	7,439	73,247	2,102	1,411	945
August	121,451	25,186	8,529	83,242	2,256	1,850	478
September	156,081	25,878	9,384	116,824	2,015	962	1,018
October	120,940	21,229	7,182	86,812	2,859	2,438	420
November	109,523	17,378	8,841	77,714	3,305	1,803	482
December	83,171	14,217	6,469	57,559	2,098	2,377	451
January	76,654	12,241	6,127	54,120	2,108	1,804	254
February	55,342	15,302	4,525	32,667	1,412	969	467
March	63,051	10,262	4,207	44,339	2,084	1,775	384
April	87,869	32,625	3,476	48,947	1,538	856	427
May	105,126	20,484	3,734	77,598	1,904	700	706
June	106,443	20,943	5,393	77,572	1,448	575	512
<b>Total</b>	<b>1,188,359</b>	<b>233,309</b>	<b>75,306</b>	<b>830,641</b>	<b>25,129</b>	<b>17,520</b>	<b>6,544</b>
<b>Grand Total</b>	<b>11,851,739</b>	<b>7,361,045</b>	<b>975,436</b>	<b>1,374,876</b>	<b>1,814,456</b>	<b>259,027</b>	<b>66,990</b>

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2014.

# 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 were approximately 71,469 housing units on Maui of which around 30,931 (57%) were owner-occupied.

1,280 building permits were issued in 2015, a slight increase over 2014.

### 8.1.1

## NUMBER AND VALUE OF BUILDING PERMITS MAUI COUNTY

Year	Number Issued	Estimated Value (\$1,000)
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
2010	1,016	194,607
2011	1,076	243,683
2012	1,169	366,994
2013	1,200	325,014
2014	1,267	443,617
2015	1,280	731,491

SOURCE: MAUI COUNTY; COMPILED BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM.

### 8.1.2

## VALUE OF BUILDING PERMITS BY TYPE MAUI COUNTY

*In thousands of dollars*

Category	2010	2011	2012	2013	2014	2015
Residential	81,594	68,913	114,290	111,866	121,382	177,596
Hotel	0	12,000	19,883	75,070	256	307,990
Non-residential	75,325	108,300	74,095	62,041	131,646	122,405
Additions and alterations	37,688	54,470	158,727	76,038	190,333	123,500
<b>Total</b>	<b>194,607</b>	<b>243,683</b>	<b>366,994</b>	<b>325,014</b>	<b>443,617</b>	<b>731,491</b>

SOURCE: MAUI COUNTY; COMPILED BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM.

### 8.1.3

## PRIVATE RESIDENTIAL CONSTRUCTION AUTHORIZATIONS MAUI COUNTY

	2011	2012	2013	2014	2015
<b>Authorized Housing Units (number)</b>					
New single family units	196	246	333	324	332
New multi-family units <sup>1</sup>	14	260	20	14	170
<b>Total</b>	<b>210</b>	<b>506</b>	<b>353</b>	<b>338</b>	<b>502</b>
<b>Permit Value (\$)</b>					
New single family units	43,935,794	57,279,962	81,325,902	82,327,993	89,543,401
New multi-family units	2,676,999	43,376,775	3,423,360	2,868,380	50,121,464
<b>Total</b>	<b>46,612,793</b>	<b>100,656,737</b>	<b>84,749,262</b>	<b>85,196,373</b>	<b>139,664,865</b>

1. Revised data for 2011 and 2013.

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 Single Family Units	New Duplex Units	New Apartments	Units Demolished
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
2010	212	8	59	26
2011	203	2	12	23
2012	251	6	249	26
2013	329	4	16	30
2014	331	14	0	44
2015	331	20	158	29

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 County	Hawai'i County	Honolulu County	Kaua'i County	State
<b>Housing Wage</b>					
Hourly wage necessary to afford 2 bedroom FMR	\$24.31	\$22.13	\$34.81	\$23.50	\$31.61
<b>Housing Cost</b>					
2 bedroom FMR	\$1,264	\$1,151	\$1,810	\$1,222	\$1,644
Income needed to afford 2 bedroom FMR	\$50,560	\$46,040	\$72,400	\$48,880	\$65,746
Full-time jobs at minimum wage to afford 2 bedroom FMR	3.1	2.9	4.5	3.0	4.1
<b>Area Median Income (AMI)</b>					
Annual AMI	\$75,100	\$62,400	\$86,900	\$74,200	\$81,353
Rent affordable at AMI	\$1,878	\$1,560	\$2,173	\$1,855	\$2,034
30% of AMI	\$22,530	\$18,720	\$26,070	\$22,260	\$24,406
Rent affordable at 30% of AMI	\$563	\$468	\$652	\$557	\$610
<b>Renter Households</b>					
Number (2008-2012)	22,067	22,248	137,760	8,380	190,501
% of total households (2008-2012)	42%	34%	44%	37%	42%
Estimated mean renter hourly wage	\$13.66	\$11.14	\$15.19	\$13.52	\$14.49
Rent affordable at mean wage	\$710	\$579	\$790	\$703	\$753
Full time jobs at mean renter wage needed to afford 2 bedroom FMR	1.8	2.0	2.3	1.7	2.2

FMR: Fair Market Rent, calculated by the U.S. Department of Housing and Urban Development.

SOURCE: NATIONAL LOW INCOME HOUSING COALITION, OUT OF REACH 2015.

### 8.1.6

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

Name of Facility	Planned Type	Planned Units	Estimated Completion
Maui Palms Expansion	Hotel	101	NA
Maui Lu Timeshare	Timeshare	388	2019
Kamaole Heights	Hotel/Condo	24	NA
Kula Lodge	Hotel	15	NA
Honua'ula a.k.a Wailea 670	Mixed Use	1,150	NA
Westin Kā'anapali Ocean Resort III	Timeshare	390	NA
Kapalua Project, District 2-Kapalua Mauka	Mixed Use	690	NA
Villas at Royal Lahaina	Condo/Hotel	126	NA
Grand Wailea Resort Expansion	Hotel	310	NA
Piilani Suites	Hotel	200	2017
Maui Research & Tech Park	Mixed Use / Hotel	150	NA
Down Town Kihei	Mixed Use / Hotel	150	2018
Nani Loa Condominium Hotel	Condo/Hotel	39	2020
Wada Commercial Bldg. & Hotel	Mixed Use / Hotel	8	NA
Bed and Breakfasts	B&B	92	NA
Short term rentals	New Class	121	NA
Transient vacation rentals		13	NA

NA: Not available

SOURCE: HAWAII TOURISM AUTHORITY, 2015 VISITOR PLANT INVENTORY; COUNTY OF MAUI DEPARTMENT OF PLANNING.

### 8.1.7

## AVERAGE ANNUAL WAGES FOR CONSTRUCTION INDUSTRIES MAUI COUNTY, 2014

Industry	Number of Establishments	Number of Employees	Total Wages	Average Annual Wages
<b>Construction</b>	<b>585</b>	<b>3,338</b>	<b>\$196,041,737</b>	<b>\$58,730</b>
<b>Construction of Buildings</b>	<b>193</b>	<b>997</b>	<b>\$57,901,827</b>	<b>\$58,076</b>
Residential	154	598	\$28,399,645	\$47,491
Nonresidential	39	399	\$29,502,182	\$73,940
<b>Heavy and Civil Engineering Construction</b>	<b>41</b>	<b>388</b>	<b>\$32,324,534</b>	<b>\$83,311</b>
Land Subdivision	14	72	\$5,413,362	\$75,186
Highway, Street, and Bridge Construction	2,052	17,738	\$1,084,481,261	\$61,139
<b>Specialty Trade Contractors</b>	<b>386</b>	<b>3,398</b>	<b>\$186,811,021</b>	<b>\$54,977</b>
Building Foundation/Exterior Contractors	885	8,554	\$575,489,683	\$67,277
Building Equipment Contractors	548	3,945	\$218,702,564	\$55,438
Building Finishing Contractors	233	1,841	\$103,477,993	\$56,208
Other Specialty Trade Contractors	55	203	\$10,308,075	\$50,779

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

## 8.1.8

## BUILDING PERMITS ISSUED MAUI COUNTY, 2015

Type of Permit	Number of Permits	Number of Units	Valuation
Single family, detached	331	331	\$126,226,872
Single family, attached, no unit over/below	2	4	\$800,000
Two family buildings	8	16	\$4,081,790
Three and four family buildings	7	28	\$9,089,800
Five or more family buildings	18	130	\$37,397,440
Hotels, Motels, and tourist cabins	8	589	\$307,990,370
Amusement and recreational	1	0	\$185,000
Churches and religious	1	0	\$730,380
Industrial	2	0	\$6,990,000
Parking garages	4	0	\$21,125,000
Hospital and institutional	2	0	\$2,080,000
Offices, banks, and professional	8	1	\$2,967,077
Public works and utilities	2	0	\$635,000
Schools and other educational	2	0	\$24,956,227
Stores and customer service	12	0	\$12,968,366
Other non-residential	86	0	\$6,326,192
Structures other than bldgs	219	0	\$41,235,086
Residential alterations	331	13	\$27,387,711
Commercial alterations	199	2	\$96,112,329
Additions of garages/carports	37	0	\$2,256,827
Demo-single family homes	29	29	\$332,000
Demo- all other	29	0	\$883,844
Repairs to dwellings	8	0	\$251,800
Repairs to other buildings	83	0	\$9,220,962
Relocated garages	1	0	\$10,000
Fences, retaining walls, seawalls	73	0	\$11,004,524
Mechanical work	1	0	\$132,000
Temporary structures	72	0	\$694,104
<b>Total</b>	<b>1,576</b>	<b>1,143</b>	<b>\$754,070,701</b>

SOURCE: COUNTY OF MAUI, DEVELOPMENT SERVICES ADMINISTRATION, BUILDING PERMIT SECTION.



## 8.1.9

## CONSTRUCTION ESTABLISHMENTS BY TYPE AND LOCATION, MAUI COUNTY

Establishment Type						
	Location	Number	Location	Number	Location	Number
<b>Residential Building</b>						
	Ha'ikū	11	Lahaina	20	Kaunakakai	6
	Hāna	1	Makawao	15	Kualapu'u	1
	Kahului	7	Pā'ia	3	Lāna'i City	1
	Kīhei	34	Pu'unēnē	3		
	Kula	12	Wailuku	22		
<b>Nonresidential Building</b>						
	Ha'ikū	1	Lahaina	3	Kaunakakai	1
	Kahului	4	Makawao	3	Lāna'i City	1
	Kīhei	1	Pu'unēnē	2		
	Kula	3	Wailuku	4		
<b>Utility System Construction</b>						
	Kahului	3	Kīhei	1	Wailuku	2
<b>Land Subdivision</b>						
	Kahului	3	Kula	1	Makawao	1
	Kīhei	1	Lahaina	1	Wailuku	1
<b>Heavy and Civil Engineering</b>						
	Ha'ikū	1	Pu'unēnē	1	Wailuku	3
	Lahaina	1				
<b>Foundation, Structure, and Building Exterior</b>						
	Ha'ikū	5	Kula	3	Pu'unēnē	3
	Kahului	6	Lahaina	2	Wailuku	11
	Kīhei	17	Makawao	7		
<b>Building Equipment</b>						
	Ha'ikū	10	Lahaina	11	Ho'olehua	1
	Kahului	20	Makawao	8	Kaunakakai	2
	Kīhei	20	Pā'ia	6	Lāna'i City	2
	Kula	5	Wailuku	20		
<b>Building Finishing</b>						
	Ha'ikū	13	Kula	6	Pu'unēnē	5
	Hāna	1	Lahaina	9	Wailuku	19
	Kahului	6	Makawao	8		
	Kīhei	19	Pā'ia	2		
<b>Other Specialty Trade Contractors</b>						
	Ha'ikū	3	Kula	7	Pu'unēnē	4
	Kahului	2	Lahaina	1	Wailuku	6
	Kīhei	9	Makawao	4	Lāna'i City	1

SOURCE: U.S. CENSUS BUREAU, 2014 ZIP CODE BUSINESS PATTERNS.

## 8.2.1

## SUMMARY HOUSING CHARACTERISTICS MAUI COUNTY, 2014

Characteristic	Number	Percent
<b>Total Housing Units</b>	<b>71,469</b>	<b>100.0%</b>
Median number of rooms	4.1	
<b>Occupied Housing Units</b>	<b>54,303</b>	<b>76.0%</b>
Structure built 1990 or later	26,442	37.0%
Structure built before 1940	4,185	5.8%
Lacking complete plumbing	539	1.0%
Lacking complete kitchen	919	1.7%
Lacking telephone service	1,944	3.6%
Moved into unit after 1999	37,037	68.3%
Moved into unit before 1980	3,852	7.1%
Occupants per room of 1.51 or more	1,633	3.0%
<b>Owner-Occupied Units</b>	<b>30,931</b>	<b>57.0%</b>
Median value	\$534,100	
With a mortgage	21,315	68.9%
Median monthly costs	\$2,164	
Monthly costs were 35% or more of income	7,980	37.7%
Not mortgaged	9,616	31.1%
Median monthly costs	\$428	
<b>Renter-Occupied Units</b>	<b>23,372</b>	<b>43.0%</b>
Median gross rent	\$1,238	
Rent was 35% or more of income	8,816	41.3%

SOURCE: U.S. CENSUS BUREAU, 2014 AMERICAN COMMUNITY SURVEY ONE-YEAR ESTIMATES.

## 8.2.2

## SELECTED HOUSING CHARACTERISTICS MAUI COUNTY

Maui County	2011	2012	2013	2014
<b>All Housing Units</b>	<b>71,213</b>	<b>70,763</b>	<b>71,147</b>	<b>71,469</b>
<b>Units in Structure</b>				
1 unit, detached	41,634	39,572	41,523	39,433
1 unit, attached	4,743	5,772	3,620	4,052
2 to 4 units	5,861	6,617	5,741	7,433
5 to 9 units	4,662	4,191	5,828	6,612
10 or more units	14,303	14,532	14,220	13,526
Mobile home, boat, other	10	79	215	413
Median number of rooms	4.1	4.0	4.1	4.1
<b>Occupied Housing Units</b>	<b>52,549</b>	<b>52,120</b>	<b>53,946</b>	<b>54,303</b>
With 1.01 or more occupants/room	5,971	6,087	5,523	5,376
<b>Vacant Housing Units</b>	<b>18,664</b>	<b>18,643</b>	<b>17,201</b>	<b>17,166</b>
For seasonal use	7,212	6,323	8,436	6,552
Homeowner vacancy rate	0.8	0.5	0.7	0.5
Rental vacancy rate	22.5	27.5	21.8	25.3
<b>Owner-Occupied Units</b>	<b>29,767</b>	<b>29,748</b>	<b>31,904</b>	<b>30,931</b>
Percent of all occupied units	56.6%	57.1%	59.1%	57.0%
Average household size	3.30	3.19	2.90	3.13
<b>Value of Owner-Occupied Units</b>				
Total units	29,767	29,748	31,904	30,931
Less than \$100,000 unit value	381	1,109	1,302	1,662
\$100,000 to \$199,999	1,808	2,501	1,486	1,485
\$200,000 to \$299,999	2,319	2,259	3,582	2,478
\$300,000 to \$499,999	9,287	10,316	11,388	8,617
\$500,000 to \$999,999	12,672	11,339	10,467	13,832
\$1 million or more	3,300	2,224	3,679	2,857
Median value	<b>\$527,900</b>	<b>\$478,900</b>	<b>\$471,800</b>	<b>\$534,100</b>
<b>Renter-Occupied Units</b>	<b>22,782</b>	<b>22,372</b>	<b>22,042</b>	<b>23,372</b>
Percent of all occupied units	43.4%	42.9%	40.9%	43.0%
Average household size	2.46	2.70	2.94	2.71
<b>Gross Rent</b>				
Total renters	21,138	20,306	19,869	21,559
Less than \$300 rent	268	469	351	332
\$300 to \$499	708	645	721	1,098
\$500 to \$749	1,918	1,651	1,822	2,102
\$750 to \$999	3,371	2,726	2,781	3,331
\$1,000 to \$1,499	9,083	7,397	7,279	7,381
\$1,500 or more	5,790	7,418	6,915	7,315
No cash rent	1,644	2,066	2,173	1,813
Median rent	<b>\$1,173</b>	<b>\$1,241</b>	<b>\$1,292</b>	<b>\$1,238</b>

SOURCE: U.S. CENSUS BUREAU, AMERICAN COMMUNITY SURVEY ONE-YEAR ESTIMATES.

## 8.2.3

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

2014	Total Housing Units	Occupied Housing Units	Owner Occupied Units	Renter Occupied Units
<b>Maui Island</b>				
Hai'kū-Pa'uwela CDP	3,400	2,857	1,722	1,135
Hāli'imaile CDP	280	265	184	81
Hāna CDP	555	335	179	156
Kā'anapali CDP	1,931	566	477	89
Kahului CDP	7,906	7,016	3,868	3,148
Kapalua CDP	929	160	119	41
Kēōkea CDP	707	617	466	151
Kīhei CDP	12,282	8,196	3,830	4,366
Kula CDP	2,853	2,580	1,611	969
Lahaina CDP	4,232	3,472	1,716	1,756
Launiupoko CDP	300	212	144	68
Ma'alaea CDP	605	205	141	64
Mahinahina CDP	458	425	301	124
Makawao CDP	2,574	2,317	1,179	1,138
Mākena CDP	120	45	23	22
Nāpili-Honokōwai CDP	4,206	2,729	1,078	1,651
Olinda CDP	572	477	273	204
Olowalu CDP	42	28	22	6
Pā'ia CDP	1,016	770	477	293
Pukalani CDP	3,132	2,873	1,850	1,023
Waihe'e-Waiehu CDP	2,459	2,399	1,883	516
Waikapū CDP	1,120	1,028	803	225
Wailea CDP	6,124	2,743	1,815	928
Wailuku CDP	6,190	5,731	3,318	2,413
<b>Moloka'i</b>				
Kaunakakai CDP	1,572	1,240	690	550
Kualapu'u CDP	709	595	442	153
Maunaloa CDP	163	119	42	77
Ualapu'e CDP	240	157	89	68
<b>Lāna'i</b>				
Lāna'i City CDP	1,445	1,134	562	572
Manele CDP	53	8	8	0

SOURCE: U.S. CENSUS BUREAU, 2010-2014 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

## 8.2.4

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

2014	All Housing Units	Vacant Units	Seasonal, Recreational or Occasional	Homeowner Vacancy Rate	Rental Vacancy Rate
<b>Maui Island</b>					
Hai'kū-Pa'uwela CDP	3,400	543	357	0.0	7.4
Hāli'imaile CDP	280	15	8	0.0	0.0
Hāna CDP	555	220	130	2.2	30.7
Kā'anapali CDP	1,931	1,365	419	5.9	91.1
Kahului CDP	7,906	890	116	0.0	6.5
Kapalua CDP	929	769	360	19.5	88.8
Kēōkea CDP	707	90	18	0.0	5.4
Kīhei CDP	12,282	4,086	1,464	1.3	26.9
Kula CDP	2,853	273	198	0.0	4.5
Lahaina CDP	4,232	760	211	0.0	16.6
Launiupoko CDP	300	88	85	0.0	0.0
Ma'alaea CDP	605	400	200	5.6	72.6
Mahinahina CDP	458	33	18	0.0	0.0
Makawao CDP	2,574	257	101	0.0	4.8
Mākena CDP	120	75	53	8.0	29.0
Nāpili-Honokōwai CDP	4,206	1,477	536	3.5	34.6
Olinda CDP	572	95	46	0.0	17.7
Olowalu CDP	42	14	4	21.4	0.0
Pā'ia CDP	1,016	246	93	0.0	25.8
Pukalani CDP	3,132	259	39	0.0	5.7
Waihe'e-Waiehu CDP	2,459	60	31	0.0	5.0
Waikapū CDP	1,120	92	47	2.1	0.0
Wailea CDP	6,124	3,381	1,450	2.8	64.6
Wailuku CDP	6,190	459	146	1.6	0.9
<b>Moloka'i</b>					
Kaunakakai CDP	1,572	332	93	4.4	11.6
Kualapu'u CDP	709	114	34	0.0	8.9
Maunaloa CDP	163	44	6	0.0	23.0
Ualapu'e CDP	240	83	15	18.3	33.6
<b>Lāna'i</b>					
Lāna'i City CDP	1,445	311	95	1.7	12.9
Manele CDP	53	45	41	0.0	100.0

SOURCE: U.S. CENSUS BUREAU, 2010-2014 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

## 8.2.5

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

2014	All Units	Occupied Housing Units			Average Household Size	
		Occupied	By Owner	By Renter	Owner Occupied	Renter Occupied
<b>Maui Island</b>						
Hai'kū-Pa'uwela CDP	3,400	2,857	1,722	1,135	2.98	2.26
Hāli'imaile CDP	280	265	184	81	3.67	3.11
Hāna CDP	555	335	179	156	4.36	2.42
Kā'anapali CDP	1,931	566	477	89	2.37	2.37
Kahului CDP	7,906	7,016	3,868	3,148	4.07	3.16
Kapalua CDP	929	160	119	41	2.13	2.68
Kēōkea CDP	707	617	466	151	3.22	2.33
Kīhei CDP	12,282	8,196	3,830	4,366	2.92	2.54
Kula CDP	2,853	2,580	1,611	969	2.64	2.51
Lahaina CDP	4,232	3,472	1,716	1,756	3.64	3.11
Launiupoko CDP	300	212	144	68	2.96	2.19
Ma'alaea CDP	605	205	141	64	1.70	1.36
Mahinahina CDP	458	425	301	124	2.24	3.02
Makawao CDP	2,574	2,317	1,179	1,138	3.01	2.66
Mākena CDP	120	45	23	22	2.13	2.27
Nāpili-Honokōwai CDP	4,206	2,729	1,078	1,651	2.63	2.21
Olinda CDP	572	477	273	204	2.54	2.99
Olowalu CDP	42	28	22	6	2.59	2.00
Pā'ia CDP	1,016	770	477	293	3.47	2.88
Pukalani CDP	3,132	2,873	1,850	1,023	2.94	2.57
Waihe'e-Waiehu CDP	2,459	2,399	1,883	516	4.25	3.18
Waikapū CDP	1,120	1,028	803	225	3.64	3.40
Wailea CDP	6,124	2,743	1,815	928	2.20	2.25
Wailuku CDP	6,190	5,731	3,318	2,413	2.76	2.86
<b>Moloka'i</b>						
Kaunakakai CDP	1,572	1,240	690	550	3.05	2.05
Kualapu'u CDP	709	595	442	153	3.47	3.44
Maunaloa CDP	163	119	42	77	3.86	3.01
Ualapu'e CDP	240	157	89	68	2.35	3.47
<b>Lāna'i</b>						
Lāna'i City CDP	1,445	1,134	562	572	3.21	2.98
Manele CDP	53	8	8	0	1.50	0.00

SOURCE: U.S. CENSUS BUREAU, 2010-2014 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

## 8.2.6

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

2014	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 Island</b>							
Hai'kū-Pa'uwela CDP	1,722	91	0	105	241	937	348
Hāli'imaile CDP	184	8	6	40	74	53	3
Hāna CDP	179	13	3	27	71	56	9
Kā'anapali CDP	477	3	0	0	39	179	256
Kahului CDP	3,868	302	120	151	1,497	1,672	126
Kapalua CDP	119	1	0	0	11	30	77
Kēōkea CDP	466	11	33	62	131	109	120
Kīhei CDP	3,830	163	421	304	1,545	1,317	180
Kula CDP	1,611	40	32	40	269	812	418
Lahaina CDP	1,716	21	76	141	517	835	126
Launiupoko CDP	144	0	3	0	5	67	69
Ma'alaea CDP	141	3	2	19	71	44	2
Mahinahina CDP	301	4	49	66	26	135	21
Makawao CDP	1,179	25	32	59	427	636	0
Mākena CDP	23	0	0	0	0	2	21
Nāpili-Honokōwai CDP	1,078	39	129	196	382	274	58
Olinda CDP	273	0	0	0	47	146	80
Olowalu CDP	22	0	0	0	3	10	7
Pā'ia CDP	477	5	7	26	183	217	39
Pukalani CDP	1,850	45	75	0	458	1,258	14
Waihe'e-Waiehu CDP	1,883	37	158	232	840	579	37
Waikapū CDP	803	28	4	56	435	275	5
Wailea CDP	1,815	27	48	85	169	861	625
Wailuku CDP	3,318	81	320	297	1,237	1,318	65
<b>Moloka'i</b>							
Kaunakakai CDP	690	25	85	242	188	119	31
Kualapu'u CDP	442	90	131	64	88	57	12
Maunaloa CDP	42	0	17	15	8	2	0
Ualapu'e CDP	89	4	37	15	16	13	4
<b>Lāna'i</b>							
Lāna'i City CDP	562	26	58	47	291	121	19
Manele CDP	8	0	0	0	0	0	8

SOURCE: U.S. CENSUS BUREAU, 2010-2014 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

## 8.2.7

## GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME BY CENSUS DESIGNATED PLACE (CDP), MAUI COUNTY

2014	Total Rentals	Less than 20%	20% to 24.9%	25% to 29.9%	30% to 34.9 %	Over 35%	Not Computed
<b>Maui Island</b>							
Hai'kū-Pa'uwela CDP	929	237	87	166	28	411	206
Hāli'imaile CDP	73	0	16	16	7	34	8
Hāna CDP	120	13	17	16	17	57	36
Kā'anapali CDP	67	12	9	12	9	22	25
Kahului CDP	2,846	550	265	593	274	1,164	302
Kapalua CDP	38	14	10	5	0	9	3
Kēōkea CDP	100	15	20	2	9	54	51
Kīhei CDP	4,118	702	577	595	448	1,796	248
Kula CDP	830	78	111	44	72	525	139
Lahaina CDP	1,642	385	174	118	146	819	114
Launiupoko CDP	59	13	2	6	11	27	9
Ma'alaea CDP	46	10	1	9	9	17	18
Mahinahina CDP	122	31	11	3	23	54	2
Makawao CDP	1,084	164	150	156	102	512	54
Mākena CDP	8	0	0	8	0	0	14
Nāpili-Honokōwai CDP	1,625	240	290	328	97	670	26
Olinda CDP	183	53	81	3	8	38	21
Olowalu CDP	6	1	0	5	0	0	0
Pā'ia CDP	232	56	53	13	10	100	61
Pukalani CDP	936	300	71	156	15	394	87
Waihe'e-Waiehu CDP	386	68	51	40	61	166	130
Waikapū CDP	225	31	30	21	20	123	0
Wailea CDP	834	89	112	89	29	515	94
Wailuku CDP	2,131	450	289	255	269	868	282
<b>Moloka'i</b>							
Kaunakakai CDP	435	96	87	71	0	181	115
Kualapu'u CDP	116	40	3	10	4	59	37
Maunaloa CDP	67	15	10	2	6	34	10
Ualapu'e CDP	43	11	0	4	4	24	25
<b>Lāna'i</b>							
Lāna'i City CDP	553	196	140	74	26	117	19
Manele CDP	0	0	0	0	0	0	0

SOURCE: U.S. CENSUS BUREAU, 2010-2014 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.



## 8.2.8

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

2014	Total	Less than \$300 <sup>1</sup>	\$300 to \$499	\$500 to \$749	\$750 to \$999	\$1,000 to \$1,499	\$1,500 or more
<b>Maui Island</b>							
Hai'kū-Pa'uwela CDP	929	0	0	88	135	337	369
Hāli'imaile CDP	73	0	0	0	16	40	17
Hāna CDP	120	0	0	33	20	45	22
Kā'anapali CDP	67	0	0	0	0	3	64
Kahului CDP	2,867	110	139	309	541	1,154	614
Kapalua CDP	38	0	0	10	2	0	26
Kēōkea CDP	100	0	0	0	11	73	16
Kīhei CDP	4,193	42	127	68	512	1,611	1,833
Kula CDP	868	13	0	22	102	340	391
Lahaina CDP	1,648	55	89	119	338	522	525
Launiupoko CDP	59	0	0	9	0	2	48
Ma'alaea CDP	48	2	0	0	1	26	19
Mahinahina CDP	122	0	0	0	0	12	110
Makawao CDP	1,084	0	40	77	93	570	304
Mākena CDP	8	0	0	0	8	0	0
Nāpili-Honokōwai CDP	1,635	22	46	33	135	716	683
Olinda CDP	183	0	0	9	9	74	91
Olowalu CDP	6	0	0	0	6	0	0
Pā'ia CDP	238	0	0	8	6	87	137
Pukalani CDP	936	0	0	46	44	570	276
Waihe'e-Waiehu CDP	400	17	67	7	9	172	128
Waikapū CDP	225	0	4	0	21	63	137
Wailea CDP	898	9	0	0	77	136	676
Wailuku CDP	2,147	47	40	440	540	359	721
<b>Moloka'i</b>							
Kaunakakai CDP	449	18	81	146	48	112	44
Kualapu'u CDP	116	2	3	2	11	48	50
Maunaloa CDP	71	2	5	29	20	15	0
Ualapu'e CDP	43	0	2	9	6	21	5
<b>Lāna'i</b>							
Lāna'i City CDP	553	14	0	153	108	216	62
Manele CDP	0	0	0	0	0	0	0

1. Includes no cash rent.

SOURCE: U.S. CENSUS BUREAU, 2010-2014 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

## 8.2.9

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

	2011	2012	2013	2014
<b>Owner</b>				
Housing units with a mortgage	20,871*	19,848*	20,873	21,160
Less than 20% of income	4,861	3,841	5,120	4,815
20% to 24.9%	2,975	2,274	3,333	3,147
25% to 29.9%	2,066	2,565	2,075	3,542
30% to 34.9%	1,651	2,467	1,208	1,676
35% or more	9,318	8,701	9,137	7,980
Not computed	56	17	112	155
Median mortgage (dollars)	\$2,309	\$2,325	\$2,261	\$2,164
<b>Renter</b>				
Renter-occupied units	20,961	20,067*	19,418	21,326
Less than 15% of income	1,736	1,280	2,512	2,483
15% to 19.9%	2,237	2,277	3,020	1,767
20% to 24.9%	2,609	3,190	2,684	2,082
25% to 29.9%	2,189	2,911	2,119	4,182
30% to 34.9%	1,643	1,638	1,697	1,996
35% or more	10,547	8,771	7,386	8,816
Not computed	1,821	2,305	2,624	2,046
Median rent (dollars)	\$1,173	\$1,241	\$1,292	\$1,238

\* Revised data.

SOURCE: U.S. CENSUS BUREAU, AMERICAN COMMUNITY SURVEY ONE-YEAR ESTIMATES.

## 8.2.10

### FORECLOSURE FILINGS BY JUDICIAL CIRCUIT

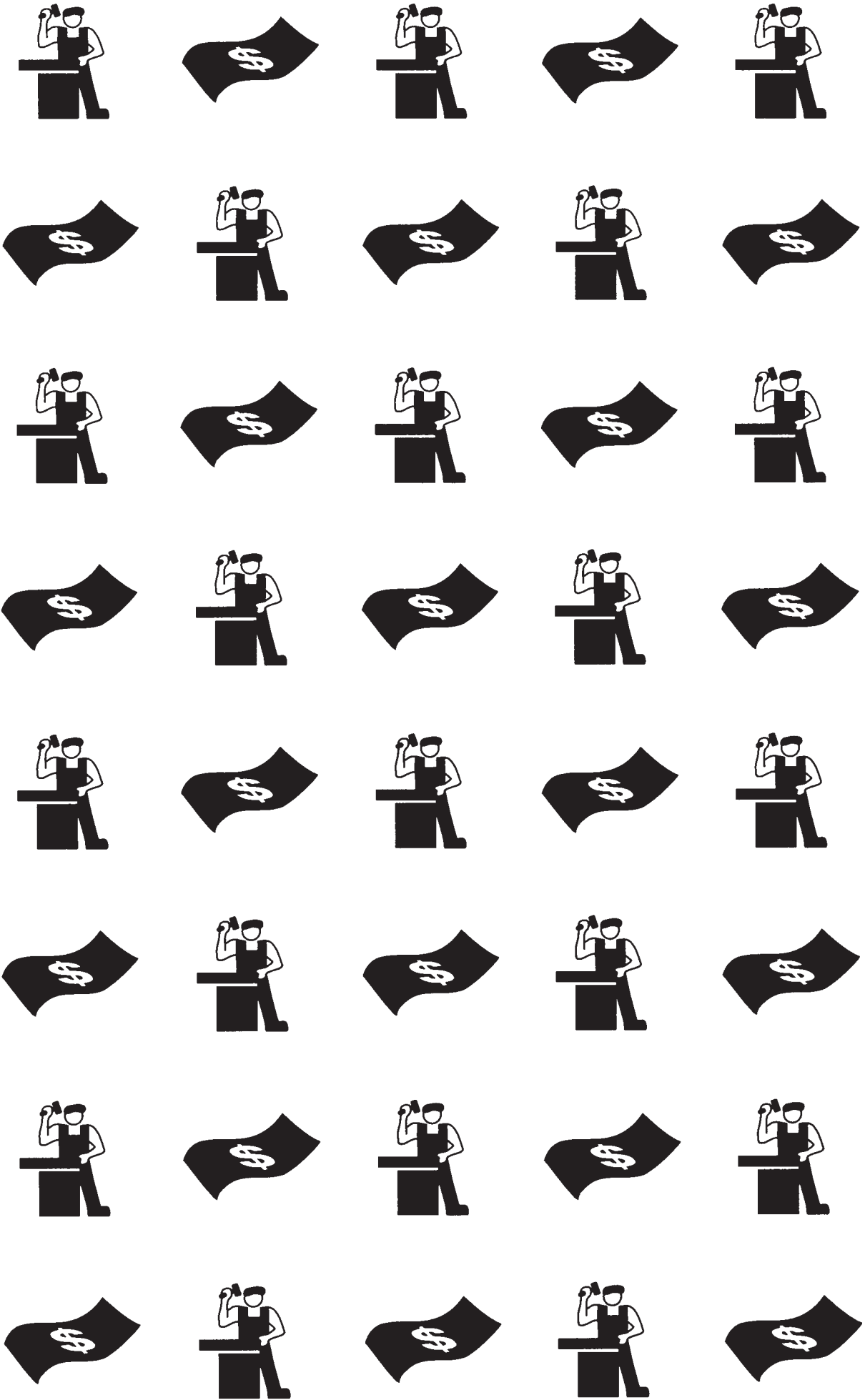
Year	Maui County <sup>1</sup>	Hawai'i County	City & County of Honolulu <sup>1</sup>	Kaua'i County	State Total
1995	317	293	1,204	143	1,957
1996	464	352	1,828	156	2,800
1997	421	362	2,205	160	3,148
1998	422	359	2,662	183	3,626
1999	324	339	2,135	136	2,934
2000	228	251	1,591	83	2,153
2001	197	246	1,390	80	1,913
2002	110	151	624	63	948
2003	78	112	396	35	621
2004	51	80	283	23	437
2005	47	51	198	12	308
2006	59	105	266	23	453
2007	101	188	395	34	718
2008	254	359	666	84	1,363*
2009	386	488	786	140	1,800
2010	280	316	611	93	1,300
2011	571	750	1,171	165	2,657
2012	678	860	1,505	145	3,188
2013	728	961	1,504	229	3,422
2014	397	543	1,026	118	2,084

1. The Maui County Judicial Circuit excludes Kalawao on Moloka'i.  
Kalawao foreclosures are handled in the Honolulu Judicial Circuit.

\* Revised data.

SOURCE: HAWAII STATE JUDICIARY, OFFICE OF THE ADMINISTRATIVE DIRECTOR OF THE COURTS, STATISTICS OFFICE.

# 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 2015 was 84,250 and the number of employed was 81,050. The unemployment rate decreased from 4.5% to 3.8% between 2014 and 2015.

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

	Maui	Moloka'i	Lāna'i
<b>Banks<sup>1</sup></b>			
Firms	4	1	2
Locations	22	1	2
<b>Savings and Loan Associations<sup>1</sup></b>			
Associations	1	0	0
Locations	3	0	0
<b>Financial Services Loan Companies<sup>1</sup></b>			
Firms	2	1	0
Locations	3	1	0
<b>Escrow Depository Companies<sup>2</sup></b>			
Firms	4	0	0
Locations	11	0	0

1. As of September 15, 2015.

2. As of April 4, 2016.

SOURCE: HAWAII'S STATE DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, DIVISION OF FINANCIAL INSTITUTIONS.

### 9.1.2

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

*As of June 30; In thousands of dollars*

Location	2011	2012	2013	2014	2015
Hāna	5,016	5,671	5,808	5,825	7,276
Kahului	782,902	840,177	902,230	972,135	1,247,820
Kīhei	388,509	455,817	486,548	496,687	530,600
Lahaina	386,513*	405,335	447,658*	495,438	571,335
Makawao/Pukalani	171,161	181,481	195,587	214,635	228,132
Pā'ia	51,144	52,513	58,842	70,487	77,518
Wailuku	304,456	417,981	344,756	372,569	199,736
Kaunakakai	61,772	64,326	70,816*	69,776	73,797
Lāna'i City	27,995	26,963	31,465	33,638	34,903
<b>Total</b>	<b>\$2,179,468</b>	<b>\$2,450,264</b>	<b>\$2,543,710</b>	<b>\$2,731,190</b>	<b>\$2,971,117</b>

\* Revised data.

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

### 9.1.3

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

As of December 31, 2015

Name	Location	Assets (\$)	Loans (\$)	Members
Kahului	Kahului	\$55,408,398	\$22,616,327	4,805
Lāna'i	Lāna'i City	\$25,897,664	\$974,911	1,821
Maui	Kahului	\$96,657,546	\$27,679,417	7,187
Maui County	Wailuku	\$257,283,444	\$134,887,437	14,685
Maui Teachers	Wailuku	\$34,047,002	\$5,917,131	1,729
Moloka'i Community <sup>1</sup>	Kaunakakai	\$24,401,658	\$9,998,531	5,206
Valley Isle Community	Kahului	\$113,117,166	\$44,263,670	13,235
Wailuku	Wailuku	\$47,630,128	\$27,904,526	4,215
West Maui Community	Lahaina	\$35,457,139	\$4,709,884	2,800
<b>Maui County Total</b>		<b>\$689,900,145</b>	<b>\$278,951,834</b>	<b>55,683</b>

1. The National Credit Union Administration liquidated First Hawaiian Homes on Dec 29, 2015.

Molokai Community FCU immediately assumed First Hawaiian Homes' assets, shares and most loans.

SOURCE: NATIONAL CREDIT UNION ADMINISTRATION, FINANCIAL PERFORMANCE REPORTS.

### 9.1.4

## FEDERAL CREDIT UNION CHARACTERISTICS MAUI COUNTY

	2012	2013	2014	2015
Number of credit unions	11	11	10	9
Total members	55,771	55,098	55,120	55,683
Total assets	\$649,594,050	\$665,679,008	\$668,624,093	\$689,900,145
Total shares and deposits	\$561,893,863	\$575,063,700	\$574,975,688	\$592,350,617
Number of shares & deposit accounts	80,621	82,703	84,301	83,504
Total loans	\$289,805,889	\$265,225,463	\$263,267,520	\$278,951,834
Number of loans	20,338	19,382	19,324	22,191

Note: Revised data for 2012 to 2014.

SOURCE: NATIONAL CREDIT UNION ADMINISTRATION, CALL REPORT DATA FILES.

## 9.2.1

# CIVILIAN LABOR FORCE SUMMARY BY COUNTY AND STATE OF HAWAII

*Annual averages. Not seasonally adjusted.  
Data rounded to nearest 50, except percent unemployed which is rounded to 0.1 percent.*

	Maui County	Hawai'i County	City and County of Honolulu	Kaua'i County	State
<b>Labor Force</b>					
2008	78,250	84,900	443,900	32,650	639,700
2009	76,050	83,900	439,750	32,000	631,700
2010	78,950	87,750	446,200	34,300	647,250
2011	80,500	88,700	456,150	34,900	660,250
2012	79,250	86,150	448,350	33,900	647,650
2013	79,800	86,050	450,900	33,950	650,700
2014	82,650	87,950	462,900	34,900	668,350
2015	84,250	89,050	468,900	35,250	677,450
<b>Employed</b>					
2008	74,400	79,800	426,850	31,100	612,100
2009	69,100	75,350	413,200	28,850	586,500
2010	72,200	79,100	419,650	31,300	602,300
2011	74,150	79,950	429,350	31,850	615,300
2012	74,150	79,000	424,150	31,400	608,700
2013	75,650	80,350	431,050	32,050	619,100
2014	78,900	83,050	444,000	33,200	639,150
2015	81,050	85,100	452,950	33,800	652,950
<b>Unemployed</b>					
2008	3,800	5,100	17,100	1,600	27,550
2009	6,950	8,550	26,550	3,150	45,150
2010	6,750	8,650	26,550	3,000	44,950
2011	6,400	8,700	26,800	3,050	44,950
2012	5,100	7,150	24,150	2,500	38,900
2013	4,100	5,700	19,900	1,900	31,600
2014	3,750	4,850	18,900	1,700	29,200
2015	3,150	3,950	15,900	1,450	24,500
<b>Percent Unemployed</b>					
2008	4.9	6.0	3.8	4.8	4.3
2009	9.1	10.2	6.0	9.8	7.2
2010	8.5	9.9	6.0	8.8	6.9
2011	7.9	9.8	5.9	8.7	6.8
2012	6.4	8.3	5.4	7.3	6.0
2013	5.1	6.7	4.4	5.6	4.9
2014	4.5	5.5	4.1	4.8	4.4
2015	3.8	4.5	3.4	4.1	3.6

Note: Data for 2011 to 2015 have been benchmarked.

SOURCE: HAWAII STATE DEPARTMENT OF LABOR & INDUSTRIAL RELATIONS, CURRENT AND HISTORICAL LABOR FORCE ESTIMATES AND UNEMPLOYMENT RATES.



## 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>				
1997	65,350	2,900	1,700	69,950
1998	66,150	2,950	1,700	70,800
1999	67,800	3,000	1,800	72,600
2000	66,250	2,850	1,800	70,950
2001	68,300	2,550	1,800	72,650
2002	67,200	2,450	1,700	71,350
2003	67,200	2,400	1,650	71,250
2004	69,200	2,550	1,650	73,400
2005	70,800	2,550	1,650	75,000
2006	73,000	2,450	1,700	77,150
2007	74,250	2,450	1,700	78,450
2008	74,050	2,500	1,650	78,250
2009	71,900	2,550	1,550	76,050
2010	74,700	2,750	1,550	78,950
2011	76,250	2,700	1,550	80,500
2012	75,150	2,600	1,500	79,250
2013	75,750	2,450	1,600	79,800
2014	78,450	2,550	1,650	82,650
2015	80,150	2,500	1,550	84,250
<b>Employment</b>				
1997	60,750	2,450	1,600	64,850
1998	61,950	2,550	1,650	66,100
1999	64,300	2,600	1,700	68,600
2000	63,950	2,450	1,750	68,150
2001	65,600	2,250	1,750	69,550
2002	64,550	2,250	1,650	68,450
2003	64,700	2,150	1,600	68,450
2004	67,150	2,250	1,600	71,000
2005	69,000	2,300	1,650	72,950
2006	71,250	2,300	1,700	75,250
2007	72,150	2,300	1,650	76,150
2008	70,600	2,250	1,600	74,400
2009	65,500	2,200	1,400	69,100
2010	68,400	2,400	1,450	72,200
2011	70,350	2,300	1,450	74,150
2012	70,450	2,200	1,450	74,150
2013	71,950	2,200	1,550	75,650
2014	75,050	2,250	1,600	78,900
2015	77,300	2,300	1,500	81,050

## 9.2.2

## CONTINUED

	Maui	Moloka'i	Lāna'i	Maui County
<b>Unemployment</b>				
1997	4,550	400	100	5,100
1998	4,200	450	50	4,700
1999	3,500	400	100	4,000
2000	2,350	400	50	2,800
2001	2,700	300	50	3,100
2002	2,650	200	50	2,900
2003	2,500	250	*	2,850
2004	2,050	300	*	2,350
2005	1,800	200	*	2,050
2006	1,750	150	*	1,950
2007	2,100	150	*	2,300
2008	3,450	250	100	3,800
2009	6,450	350	150	6,950
2010	6,300	350	100	6,750
2011	5,900	400	100	6,400
2012	4,700	350	50	5,100
2013	3,800	250	50	4,100
2014	3,400	300	50	3,750
2015	2,900	250	50	3,150
<b>Percent Unemployed</b>				
1997	7.0	14.5	5.7	7.3
1998	6.4	14.5	3.4	6.6
1999	5.1	13.9	4.2	5.5
2000	3.5	13.8	3.2	3.9
2001	4.0	12.5	4.1	4.3
2002	3.9	7.6	4.3	4.1
2003	3.7	10.7	3.0	4.0
2004	2.9	11.2	2.8	3.2
2005	2.5	8.5	1.5	2.7
2006	2.4	5.5	1.9	2.5
2007	2.8	6.5	2.4	2.9
2008	4.7	10.2	5.3	4.9
2009	8.9	13.8	10.1	9.1
2010	8.4	13.0	7.1	8.5
2011	7.8	14.2	5.3	7.9
2012	6.2	14.0	2.5	6.4
2013	5.0	10.2	3.3	5.1
2014	4.3	11.7	2.8	4.5
2015	3.6	9.0	3.8	3.8

Note: Data rounded to nearest 50, except percent employed which is rounded to 0.1 percent. Not seasonally adjusted. Totals may not add due to rounding. Data for 2011-2015 reflect revised population controls and model reestimation.

\*: Data is less than 50

SOURCE: HAWAII'S STATE DEPT. OF LABOR & INDUSTRIAL RELATIONS, CURRENT & HIST. LABOR FORCE ESTIMATES & UNEMPLOYMENT RATES.

9.2.3

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

Race and Sex, 2015	Percent Distribution						
	Civilian Labor Force	Employed	Unemployed	Civilian Labor Force	Employed	Unemployed	Unemployment Rate
<b>Both Sexes</b>	<b>84,250</b>	<b>81,050</b>	<b>3,150</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>3.8%</b>
White	33,800	32,700	1,100	40.1%	40.3%	34.4%	3.2%
Black/African American	600	600	0	0.7%	0.8%	0.0%	0.0%
American Indian/ Alaska Native	200	200	0	0.3%	0.3%	0.0%	0.0%
Asian	24,000	23,450	550	28.5%	28.9%	17.0%	2.2%
Native Hawaiian/ Pacific Islander	8,050	7,450	600	9.6%	9.2%	19.1%	7.5%
Some Other Race	1,500	1,350	150	1.8%	1.7%	4.2%	9.0%
Two or More Races	16,050	15,250	800	19.1%	18.8%	25.3%	5.0%
Minority Group	7,550	7,150	350	8.9%	8.8%	11.5%	4.8%
Hispanic or Latino	58,000	55,550	2,450	63.2%	62.9%	69.1%	4.2%
<b>Females</b>	<b>39,700</b>	<b>38,550</b>	<b>1,150</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>2.9%</b>
White	15,100	14,700	350	38.0%	38.2%	32.2%	2.4%
Black/African American	100	100	0	0.3%	0.3%	0.0%	0.0%
American Indian/ Alaska Native	100	100		0.3%	0.3%	0.0%	0.0%
Asian	12,400	12,200	200	31.2%	31.6%	17.6%	1.6%
Native Hawaiian/ Pacific Islander	3,500	3,300	200	8.8%	8.6%	17.6%	5.7%
Some Other Race	750	650	100	1.9%	1.7%	8.8%	13.2%
Two or More Races	7,700	7,450	250	19.4%	19.3%	23.8%	3.5%
Minority Group	3,400	3,300	100	8.6%	8.6%	9.1%	3.0%
Hispanic or Latino	28,000	27,150	850	65.0%	64.9%	70.4%	3.1%
Females as % of both Sexes	47.1%	47.5%	36.0%	-----	-----	-----	-----

Note: Totals may not add due to rounding. Does not include Kalawao County.

SOURCE: STATE OF HAWAII', DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, ESTIMATES BASED ON 2015 LOCAL AREA UNEMPLOYMENT STATISTICS (LAUS) FROM U.S. BUREAU OF LABOR STATISTICS.

## 9.2.4

## ANNUAL AVERAGE JOB COUNT BY INDUSTRY AND ISLAND, MAUI COUNTY

Industry, 2015	Maui	Moloka'i	Lāna'i	Maui County
<b>TOTAL NONAGRICULTURAL - Wage &amp; Salary Jobs</b>	<b>70,000</b>	<b>1,700</b>	<b>1,400</b>	<b>73,100</b>
<b>TOTAL PRIVATE</b>	<b>61,000</b>	<b>1,200</b>	<b>1,200</b>	<b>63,400</b>
<b>Goods Producing</b>	4,700	100	*	4,900
<b>Natural Resources &amp; Mining &amp; Construction</b>	3,500	*	*	3,700
Special Trade Contractors	2,000	NA	NA	2,000
<b>Manufacturing</b>	1,200	**	0	1,200
Durable Goods	300	NA	0	300
Non-Durable Goods	900	NA	0	900
<b>Service Providing</b>	65,300	1,600	1,300	68,200
<b>Private Service Providing</b>	56,300	1,000	1,100	58,500
<b>Trade, Transportation &amp; Utilities</b>	14,700	300	100	15,200
Wholesale Trade	1,500	**	**	1,500
Retail Trade	9,400	200	**	9,700
Food & Beverage Stores	2,200	100	**	2,400
Clothing & Clothing Accessories Stores	1,500	0	0	1,500
General Merchandise	1,700	0	0	1,700
Transportation, Warehousing & Utilities	3,800	*	*	4,000
Air Transportation	600	0	**	600
<b>Information</b>	500	**	**	600
<b>Financial Activities</b>	2,700	*	*	2,900
Finance & Insurance	900	**	**	900
<b>Professional &amp; Business Services</b>	6,800	**	200	7,000
Professional, Scientific & Tech. Svcs.	1,400	**	**	1,400
Administrative & Support & Waste				
Management & Remediation Services	5,300	0	0	5,400
<b>Education &amp; Health Services</b>	6,100	300	**	6,500
Education Services	1,100	0	0	1,100
Health Care & Social Assistance	5,100	300	**	5,400
<b>Leisure and Hospitality</b>	22,600	200	600	23,400
Accommodation & Food Services	20,500	200	600	21,300
Accommodation	11,200	**	600	11,800
Food Services and Drinking Places	9,400	100	**	9,500
Full-Service Restaurants	6,600	**	0	6,600
<b>Other Services</b>	2,800	*	**	3,000
<b>GOVERNMENT</b>	<b>9,000</b>	<b>600</b>	<b>200</b>	<b>9,800</b>
Federal Government	800	**	**	800
State Government	5,800	400	200	6,300
State Education (DOE & UH)	3,000	300	**	3,400
Local Government	2,500	200	**	2,700

\*Fewer than 100. \*\*Fewer than 50. NA: Not available.

Note: Data rounded to nearest 100. Totals may not add due to rounding or residual categories. Not seasonally adjusted.

SOURCE: HAWAII'S STATE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS.

## 9.2.5

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

2014 Rank	Occupation	Estimated Employees	Annual Mean Wage	Statewide Annual Wage
1	Retail Salespersons	3,730	\$26,660	\$24,290
2	Maids and Housekeeping Cleaners	3,370	\$31,770	\$32,180
3	Waiters and Waitresses	3,140	\$36,120	\$33,640
4	Cashiers	2,000	\$26,470	\$23,840
5	Cooks, Restaurant	1,690	\$36,960	\$36,210
6	Landscaping and Groundskeeping Workers	1,660	\$33,370	\$33,930
7	Janitors and Cleaners, Except Maids and House-keeping Cleaners	1,440	\$28,940	\$31,160
8	Office Clerks, General	1,270	\$30,290	\$29,420
9	General and Operations Managers	1,250	\$80,570	\$69,250
10	First-Line Supervisors of Retail Sales Workers	1,230	\$44,950	\$39,220

Note: State of Hawai'i data is from the Bureau of Labor Statistics (BLS) and the County data is from the Local Employment and Wage Information System (LEWIS).

SOURCE: HAWAII'S STATE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, RESEARCH AND STATISTICS OFFICE, SEPTEMBER 2015.

## 9.2.6

### INCOME FOR HOUSEHOLDS AND FAMILIES MAUI COUNTY

Income (in Inflation-Adjusted Dollars)	2013		2014	
	Households	Families	Households	Families
Total number	53,946	35,146	54,303	37,149
Less than \$10,000	2,703	797	2,520	850
\$10,000 to \$14,999	1,932	720	1,479	688
\$15,000 to \$24,999	4,559	1,551	4,854	2,553
\$25,000 to \$34,999	6,523	2,835	4,151	3,251
\$35,000 to \$49,999	5,883	4,105	7,298	4,880
\$50,000 to \$74,999	8,559	6,252	10,953	7,857
\$75,000 to \$99,999	7,754	6,032	7,744	5,907
\$100,000 to \$149,999	8,966	7,651	9,204	6,534
\$150,000 to \$199,999	3,660	2,555	3,506	2,743
\$200,000 or more	3,407	2,648	2,594	1,886
Median income	\$65,558	\$79,411	\$67,013	\$71,789
Mean income	\$83,921	\$97,924	\$85,434	\$91,899

SOURCE: U.S. CENSUS BUREAU, 2013 AND 2014 AMERICAN COMMUNITY SURVEY 1-YEAR ESTIMATES.

## 9.2.7

## LONG TERM INDUSTRY EMPLOYMENT PROJECTIONS MAUI COUNTY

Occupation	Employment		Number Change	Percent Change	Annual Growth
	2012	2022			
<b>Total Employment, All Jobs</b>	<b>76,350</b>	<b>84,840</b>	<b>8,490</b>	<b>11.1%</b>	<b>1.1%</b>
<b>Goods Producing</b>	5,520	6,580	1,060	19.2%	1.9%
<b>Natural Resources &amp; Mining</b>	1,540	1,510	-30	-1.8%	-0.2%
Agriculture, Forestry, Fishing & Hunting	1,520	1,510	-20	-1.2%	-0.1%
<b>Construction</b>	2,920	3,910	990	33.8%	3.4%
<b>Manufacturing</b>	1,060	1,160	100	9.5%	1.0%
<b>Service Providing</b>	63,870	70,870	7,010	11.0%	1.1%
<b>Trade, Transportation, &amp; Utilities</b>	14,010	15,660	1,650	11.8%	1.2%
Wholesale Trade	1,420	1,640	220	15.8%	1.6%
Retail Trade	8,880	9,880	1,000	11.3%	1.1%
Transportation & Warehousing	3,240	3,630	390	11.9%	1.2%
Utilities	470	510	40	8.7%	0.9%
<b>Information</b>	610	570	-40	-6.3%	-0.6%
<b>Financial Activities</b>	2,470	2,920	450	18.3%	1.8%
Finance & Insurance	810	880	60	7.6%	0.8%
Real Estate & Rental & Leasing	1,650	2,040	390	23.6%	2.4%
<b>Professional &amp; Business Services</b>	6,370	7,540	1,170	18.4%	1.8%
Professional, Scientific, & Technical Services	1,370	1,610	240	17.4%	1.7%
Management of Companies & Enterprises	350	360	10	2.6%	0.3%
Administrative & Support & Waste Management	4,650	5,580	930	19.9%	2.0%
<b>Education &amp; Health Services</b>	11,050	12,680	1,630	14.7%	1.5%
Educational Services	4,390	4,680	300	6.8%	0.7%
Health Care & Social Assistance	6,670	8,000	1,330	20.0%	2.0%
<b>Leisure &amp; Hospitality</b>	21,760	23,500	1,740	8.0%	0.8%
Arts, Entertainment, & Recreation	1,840	2,280	440	23.6%	2.4%
Accommodation & Food Services	19,920	21,220	1,300	6.5%	0.7%
Accommodation	11,340	11,800	460	4.1%	0.4%
Food Services & Drinking Places	8,580	9,420	840	9.8%	1.0%
<b>Other Services (Except Government)</b>	2,690	2,940	250	9.2%	0.9%
<b>Government<sup>1</sup></b>	4,910	5,060	160	3.2%	0.3%
<b>Total Self-Employed &amp; Unpaid Family Workers</b>	<b>6,970</b>	<b>7,390</b>	<b>420</b>	<b>6.0%</b>	<b>0.6%</b>

1. State Education and Hospitals are excluded from Government and included in Education and Health Services.

Note: Totals may not add due to rounding to the nearest ten.

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

9.3.1

**CHARACTERISTICS OF THE INSURED UNEMPLOYED  
MAUI COUNTY, 2015**

*All claimants*

<b>Characteristic</b>	<b>Maui/Lānaʻi Annual Average</b>	<b>Percent of Total</b>	<b>Molokaʻi Annual Average</b>	<b>Percent of Total</b>
<b>Total</b>	<b>982</b>	<b>100.0</b>	<b>75</b>	<b>100.0</b>
<b>Sex</b>				
Male	612	62.3	42	56.0
Female	370	37.7	33	44.0
<b>Industry</b>				
State	27	2.7	4	5.3
County	1	0.1	1	1.3
Agriculture	11	1.1	16	21.3
Mining	--	--	--	--
Utilities	1	0.1	--	--
Construction	266	27.1	9	12.0
Manufacturing	10	1.0	--	--
Wholesale Trade	13	1.3	0	0.0
Retail Trade	58	5.9	3	4.0
Transportation/Warehousing	39	4.0	4	5.3
Information	8	0.8	--	--
Finance/Insurance	5	0.5	0	0.0
Real Estate/Rental/Leasing	27	2.7	--	--
Professional/Science/Technical	26	2.6	1	1.3
Management	9	0.9	0	0.0
Admin./Waste Management	132	13.4	6	8.0
Education	5	0.5	1	1.3
Health Care/Social Assistance	28	2.9	9	12.0
Arts/Entertainment/Recreation	17	1.7	1	1.3
Accommodation/Food Services	167	17.0	6	8.0
Other Services	30	3.1	3	4.0
Public Administration	0	0.0	0	0.0
Information not available	103	10.5	13	17.3
<b>Age</b>				
Under 22	12	1.2	1	1.3
22 to 24	26	2.6	3	4.0
25 to 34	214	21.8	17	22.7
35 to 44	220	22.4	16	21.3
45 to 54	242	24.6	16	21.3
55 to 64	215	21.9	15	20.0
65 and over	54	5.5	6	8.0

## 9.3.1

## CONTINUED

Characteristic	Maui/Lānaʻi Annual Average	Percent of Total	Molokaʻi Annual Average	Percent of Total
<b>Duration</b>				
1 to 4 weeks	384	39.1	28	37.3
5 to 14 weeks	360	36.7	26	34.7
15 and over	238	24.2	21	28.0
<b>Occupation</b>				
Management	81	8.2	5	6.7
Business/Finance	16	1.6	1	1.3
Computer/Math	9	0.9	--	--
Architecture/Engineer	7	0.7	0	0.0
Life/Physical/Social Science	7	0.7	--	--
Community/Social Services	6	0.6	--	--
Legal	6	0.6	0	0.0
Education/Training/Library	16	1.6	5	6.7
Arts/Entertainment	18	1.8	2	2.7
Health Practitioner/Tech.	16	1.6	1	1.3
Healthcare Support	10	1.0	3	4.0
Protective Services	9	0.9	3	4.0
Food Preparation/Serving	128	13.0	5	6.7
Building/Grounds Maintenance	35	3.6	2	2.7
Personal Care/Service	44	4.5	2	2.7
Sales	73	7.4	4	5.3
Office/Administrative Support	75	7.6	4	5.3
Farm/Fishing/Forestry	12	1.2	14	18.7
Construction	308	31.4	12	16.0
Installation/Repair	22	2.2	1	1.3
Production	21	2.1	3	4.0
Transportation/Moving	41	4.2	4	5.3
Information not available	23	2.3	4	5.3
<b>Ethnicity</b>				
American Indian	12	1.2	--	--
Chinese	9	0.9	--	--
Filipino	155	15.8	12	16.0
Japanese	48	4.9	1	1.3
Other Asian	11	1.1	1	1.3
Black	13	1.3	0	0.0
Hawaiian	189	19.2	44	58.7
Other Pacific Islander	36	3.7	2	2.7
White & Latino	356	36.3	7	9.3
Other	152	15.5	7	9.3
Information not available	1	0.1	0	0.0

Note: Averages and percentages may not add due to rounding.

SOURCE: HAWAII STATE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, RESEARCH AND STATISTICS OFFICE, CHARACTERISTICS OF THE INSURED UNEMPLOYED 2015.



9.3.2

**LABOR FORCE STATUS AND EMPLOYMENT CHARACTERISTICS  
MAUI COUNTY**

<b>Labor Force Status</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Persons 16 Years and Over</b>	<b>125,006</b>	<b>126,547</b>	<b>128,330</b>	<b>130,748</b>
In labor force	85,785	86,765	89,373	87,672
Civilian labor force	85,693	86,269	89,243	87,233
Employed	78,152	79,258	82,975	81,212
Unemployed	7,541	7,011	6,268	6,021
Armed forces	92	496	130	439
Not in labor force	39,221	39,782	38,957	43,076
<b>Males 16 Years and Over</b>	<b>62,399</b>	<b>63,232</b>	<b>64,430</b>	<b>65,053</b>
In labor force	45,782	44,551	46,438	46,666
Civilian labor force	45,690	44,193	46,415	46,227
Employed	41,121	40,151	42,759	42,469
Unemployed	4,569	4,042	3,656	3,758
Armed forces	92	357	23	439
Not in labor force	16,617	18,681	17,992	18,387
<b>Females 16 Years and Over</b>	<b>62,607</b>	<b>63,315</b>	<b>63,900</b>	<b>65,695</b>
In labor force	40,003	42,214	42,935	41,006
Civilian labor force	40,003	42,076	42,828	41,006
Employed	37,031	39,107	40,216	38,743
Unemployed	2,972	2,969	2,612	2,263
Armed forces	0	139*	107*	0
Not in labor force	22,604	21,101	20,965	24,689

\* Revised data.

SOURCE: U.S. CENSUS BUREAU, AMERICAN COMMUNITY SURVEY 1-YEAR ESTIMATES.

9.3.3

**LABOR FORCE STATUS  
BY CENSUS DESIGNATED PLACE (CDP), MAUI COUNTY**

2014	Total	Armed Forces	Not in Labor Force	Civilian Labor Force			
				Total	Employed	Unemployed	% Unemployed
<b>Maui Island</b>							
Haiku-Pauwela CDP	6,158	28	1,932	4,198	3,889	309	5.0%
Hāli'imaile CDP	734	0	204	530	478	52	7.1%
Hāna CDP	891	0	304	587	527	60	6.7%
Kā'anapali CDP	1,131	0	600	531	496	35	3.1%
Kahului CDP	21,920	0	7,858	14,062	12,418	1,644	7.5%
Kapalua CDP	320	0	187	133	122	11	3.4%
Kēōkea CDP	1,377	3	470	904	812	92	6.7%
Kīhei CDP	17,679	62	4,721	12,896	11,748	1,148	6.5%
Kula CDP	5,261	0	1,575	3,686	3,512	174	3.3%
Lahaina CDP	9,560	21	2,063	7,476	6,891	585	6.1%
Launiupoko CDP	496	0	153	343	322	21	4.2%
Ma'alaea CDP	307	0	180	127	125	2	0.7%
Mahinahina CDP	878	0	192	686	680	6	0.7%
Makawao CDP	5,218	17	1,609	3,592	3,198	394	7.6%
Mākena CDP	80	0	23	57	49	8	10.0%
Nāpili-Honokōwai CDP	5,420	14	1,170	4,236	4,032	204	3.8%
Olinda CDP	1,093	5	345	743	595	148	13.5%
Olowalu CDP	56	0	21	35	35	0	0.0%
Pā'ia CDP	2,126	6	665	1,455	1,396	59	2.8%
Pukalani CDP	6,409	8	1,777	4,624	4,477	147	2.3%
Waihe'e-Waiehū CDP	7,599	0	1,798	5,801	5,202	599	7.9%
Waikapū CDP	2,702	13	667	2,022	1,889	133	4.9%
Wailea CDP	5,201	21	2,340	2,840	2,673	167	3.2%
Wailuku CDP	12,871	39	4,332	8,500	7,656	844	6.6%
<b>Moloka'i</b>							
Kaunakakai CDP	2,538	0	1,135	1,403	1,274	129	5.1%
Kualapu'u CDP	1,620	0	601	1,019	884	135	8.3%
Maunaloa CDP	263	0	111	152	107	45	17.1%
Ualapu'e CDP	303	0	130	173	135	38	12.5%
<b>Lāna'i</b>							
Lāna'i City CDP	2,676	0	918	1,758	1,605	153	5.7%
Manele CDP	12	0	12	0	0	0	0.0%

SOURCE: U.S. CENSUS BUREAU, AMERICAN COMMUNITY SURVEY 2010-2014 5-YEAR ESTIMATES.

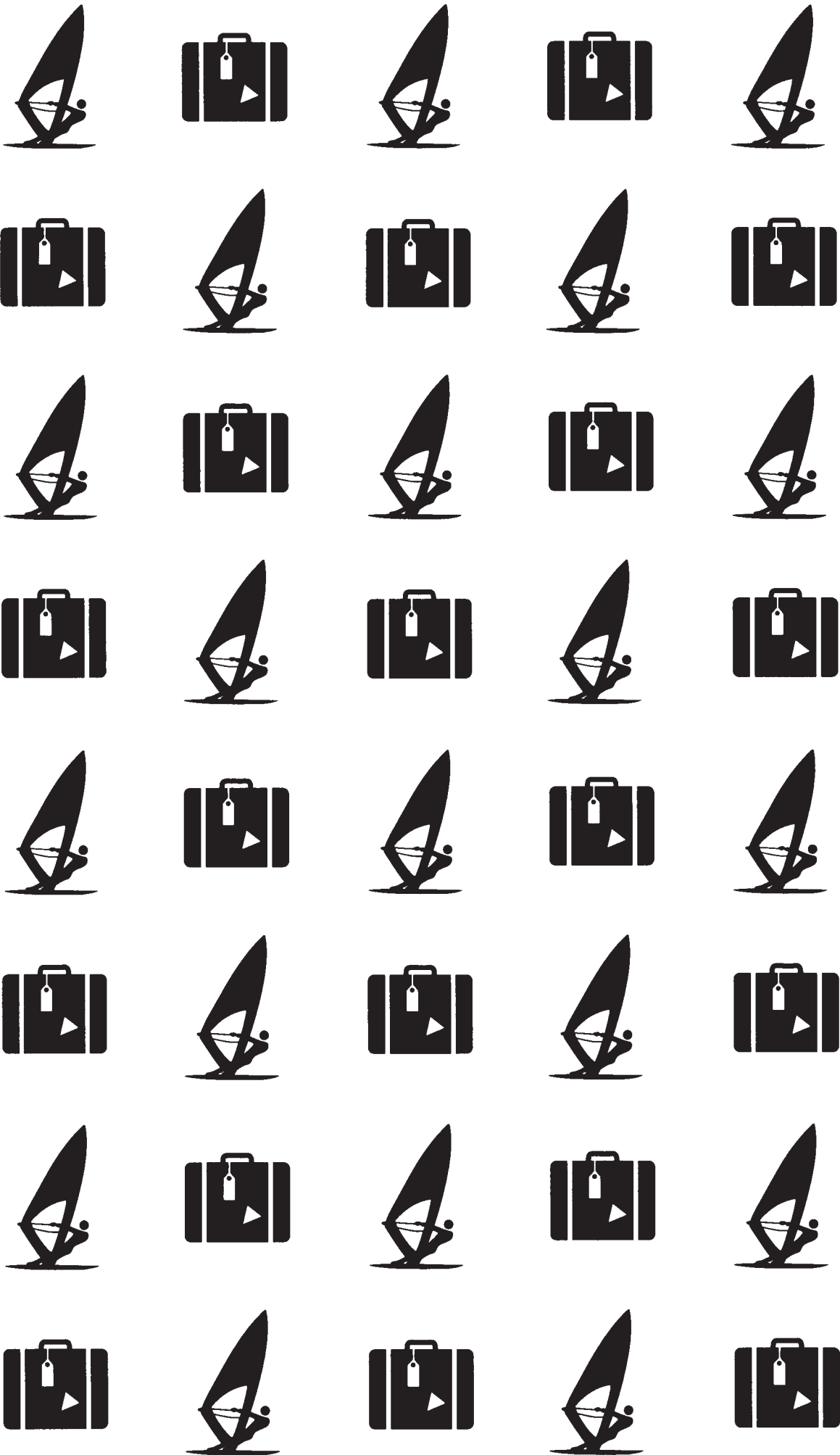
9.3.4

**WORKERS' COMPENSATION STATISTICS  
MAUI COUNTY**

	2010	2011	2012	2013	2014
<b>Maui</b>					
Reported	2,740	2,740	2,885	2,762	2,817
Processed	5,125	5,222	5,049	5,332	5,239
With cost	3,841	3,880	3,544	3,907	3,705
Cost	\$30,878,177	\$29,981,637	\$27,064,371	\$30,305,143	30,983,819
Days lost	110,868	109,881	92,235	119,099	112,440
<b>Moloka'i</b>					
Reported	73	77	73	59	62
Processed	160	166	147	137	137
With cost	117	113	94	102	85
Cost	\$611,853	\$1,006,360	\$577,228	\$941,518	1,049,555
Days lost	3,061	4,401	2,509	4,875	4,416
<b>Lāna'i</b>					
Reported	83	89	101	98	130
Processed	148	148	158	158	207
With cost	104	72	97	114	153
Cost	\$837,964	\$544,632	\$627,604	\$670,754	2,755,433
Days lost	3,597*	1,748	2,323	2,925	4,908
<b>Maui County</b>					
Reported	2,896	2,906	3,059	2,919	3,009
Processed	5,433	5,536	5,354	5,627	5,583
With cost	4,062	4,065	3,735	4,123	3,943
Cost	32,327,994	31,532,629	28,269,203	31,917,415	34,788,807
Days lost	117,526	116,030	97,067	126,899	121,764
Reported fatality	3	2	4	4	4

\* Revised data.

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



# 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*

2014	Maui	Moloka'i	Lāna'i	Maui County
<b>All Visitors</b>				
January	200,176	5,336	6,021	203,760
February	191,201	4,819	5,230	194,368
March	216,269	4,698	5,416	219,677
April	198,901	4,298	5,520	201,689
May	190,275	4,874	5,941	193,455
June	208,288	5,097	4,944	211,479
July	225,963	5,115	5,505	229,028
August	204,206	4,687	5,605	207,204
September	170,538	4,500	5,755	173,522
October	188,827	4,907	5,403	192,168
November	188,060	5,062	5,390	191,578
December	227,510	6,253	7,218	231,787
<b>Total</b>	<b>2,410,214</b>	<b>59,647</b>	<b>67,948</b>	<b>2,449,714</b>
<b>Domestic Visitors</b>				
January	150,781	4,459	4,875	154,046
February	145,120	3,712	4,163	147,859
March	170,662	3,460	4,522	173,571
April	156,887	3,338	4,571	159,455
May	162,504	4,068	4,648	165,240
June	183,735	4,041	4,119	186,347
July	198,174	4,527	4,846	200,990
August	176,329	3,633	4,397	178,758
September	142,821	3,367	3,791	144,985
October	157,068	3,962	4,425	159,911
November	151,340	3,760	4,360	154,399
December	175,256	4,970	5,895	179,242
<b>Total</b>	<b>1,970,676</b>	<b>47,296</b>	<b>54,612</b>	<b>2,004,801</b>
<b>International Visitors</b>				
January	49,395	877	1,146	49,714
February	46,080	1,107	1,067	46,508
March	45,608	1,239	894	46,106
April	42,014	960	949	42,234
May	27,772	807	1,294	28,215
June	24,553	1,056	826	25,132
July	27,790	588	659	28,038
August	27,877	1,053	1,208	28,446
September	27,718	1,133	1,964	28,537
October	31,759	946	978	32,257
November	36,719	1,302	1,030	37,179
December	52,254	1,283	1,323	52,546
<b>Total</b>	<b>439,538</b>	<b>12,351</b>	<b>13,336</b>	<b>444,912</b>

SOURCE: HAWAII TOURISM AUTHORITY.

10.1.2

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

*Arrivals by air*

	2010 <sup>1</sup>	2011	2012	2013	2014
<b>Length of Stay (days)</b>					
<b>All Visitors</b>					
Maui	8.08	8.09	8.08	8.17	8.25
Moloka'i	4.87	4.63	4.85	4.79	4.64
Lāna'i	3.62	3.52	3.62	3.49	3.32
<b>Domestic</b>					
Maui	8.17	8.23	8.22	8.49	8.55
Moloka'i	5.45	5.20	5.46	5.46	5.29
Lāna'i	3.94	3.87	3.94	3.95	3.65
<b>International</b>					
Maui	7.53	7.34	7.42	6.78	6.90
Moloka'i	2.13	2.45	2.67	2.54	2.16
Lāna'i	1.97	1.87	2.23	1.79	1.95
<b>Average Daily Census</b>					
<b>All Visitors</b>					
Maui	46,263	48,055	50,976	52,798	54,446
Moloka'i	672	704	707	725	758
Lāna'i	684	723	718	710	618
<b>Domestic</b>					
Maui	40,281	41,274	42,979	44,675	46,138
Moloka'i	621	628	623	638	685
Lāna'i	624	655	634	632	547
<b>International</b>					
Maui	5,982	6,781	7,997	8,124	8,308
Moloka'i	51	76	84	87	73
Lāna'i	60	67	84	78	71

1. Length of stay data has been revised.

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*

<b>Year</b>	<b>Maui</b>	<b>Hawai'i</b>	<b>Kaua'i</b>	<b>O'ahu</b>	<b>State</b>
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*	41,795	21,811	17,046	79,545	160,195
2003	44,510	21,934	17,828	76,776	161,048
2004	45,517	23,376	18,869	83,718	171,481
2005*	48,414	27,768	19,675	89,588	185,445
2006*	51,034	28,336	20,903	89,167	189,441
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
2010*	47,421	24,773	19,548	86,207	177,949
2011	49,481	26,550	20,814	88,979	185,824
2012	52,401	28,559	22,318	97,989	201,267
2013*	54,233	29,255	23,334	96,054	202,876
2014	55,822	30,008	23,589	96,013	205,433

\* Revised data

SOURCE: HAWAII TOURISM AUTHORITY.



10.1.4

**DOMESTIC VISITOR ARRIVALS FROM TOP U.S. CBSAS  
MAUI COUNTY**

*Arrivals by air*

<b>2014</b>	<b>Maui</b>	<b>Moloka'i</b>	<b>Lāna'i</b>	<b>County</b>	<b>State</b>
Anchorage	14,111	638	283	14,598	48,152
Atlanta	14,338	361	578	14,613	42,691
Austin	10,046	280	315	10,246	26,473
Bakersfield	4,771	98	129	4,850	13,763
Baltimore	6,978	196	241	7,092	21,283
Bellingham	5,913	92	102	5,987	14,746
Boise	7,542	130	107	7,638	21,183
Boston	16,602	373	574	16,883	42,616
Bremerton	5,086	125	93	5,174	16,247
Charlotte	5,183	119	134	5,260	14,073
Chicago	46,845	1,003	1,434	47,525	106,108
Cincinnati	6,165	192	232	6,263	15,207
Cleveland	5,853	177	193	5,944	13,777
Colorado	4,450	130	147	4,543	15,778
Dallas	35,764	677	1,282	36,247	85,803
Denver	29,779	682	815	30,335	78,155
Detroit	12,401	306	381	12,581	28,594
Eugene	5,550	177	167	5,662	15,444
Fresno	6,986	100	159	7,058	19,604
Houston	24,389	539	684	24,738	68,196
Indianapolis	6,807	171	213	6,924	15,240
Kansas City	8,452	180	353	8,619	21,571
Las Vegas	17,234	470	583	17,654	64,168
Los Angeles	192,307	3,431	4,884	195,843	569,784
Miami	9,478	298	375	9,642	25,131
Minneapolis	21,165	437	566	21,476	53,569
Modesto	5,731	95	99	5,808	13,707
New York	60,488	1,478	2,138	61,528	151,386
Ogden	5,517	131	151	5,646	19,389
Olympia	5,811	204	101	5,897	15,325

**10.1.4**  
**CONTINUED**

<b>2014</b>	<b>Maui</b>	<b>Moloka'i</b>	<b>Lāna'i</b>	<b>County</b>	<b>State</b>
Orlando	4,964	125	205	5,049	15,121
Oxnard	15,917	254	380	16,185	43,656
Philadelphia	16,876	445	547	17,093	39,906
Phoenix	45,452	927	1,181	46,203	123,674
Pittsburgh	5,822	138	196	5,916	14,213
Portland	56,303	1,284	1,017	57,401	150,909
Provo	4,739	109	157	4,851	20,638
Reno	7,720	150	177	7,825	18,885
Riverside-San Bernardino	36,514	750	880	37,096	106,204
Sacramento	49,690	1,047	926	50,453	118,457
Salem	5,776	163	106	5,919	15,346
Salinas	4,883	74	124	4,968	14,193
Salt Lake City	13,152	274	285	13,374	41,450
San Antonio	5,943	160	252	6,066	20,058
San Diego	59,418	1,239	1,512	60,531	180,522
San Francisco	141,264	2,629	3,507	143,833	398,353
San Jose	64,645	1,021	1,239	65,452	164,869
San Luis	5,040	170	110	5,172	13,847
Santa Cruz	8,292	189	187	8,437	21,948
Santa Maria	6,181	144	195	6,354	19,559
Santa Rosa	12,758	304	258	12,997	31,253
Seattle	118,073	2,128	2,264	119,837	305,283
Spokane	8,849	198	142	9,008	22,767
St. Louis	9,972	240	332	10,143	24,138
Stockton	7,963	129	123	8,044	22,250
Tampa	5,518	162	231	5,641	16,299
Tucson	7,114	145	219	7,258	21,115
Vallejo	7,079	156	165	7,192	20,835
Virginia Beach	3,131	135	151	3,207	14,846
Washington D.C.	22,440	652	747	22,930	78,348

CBSA: Core Based Statistics Area

SOURCE: HAWAII'S TOURISM AUTHORITY AND U.S. CENSUS BUREAU.

10.1.5

**VISITOR ARRIVALS  
MAUI COUNTY**

<b>Year</b>	<b>International</b>	<b>Domestic</b>	<b>By Ship<sup>1</sup></b>	<b>Total</b>
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	33,093	2,304,115
1999*	480,471	1,866,531	41,840	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*	369,324	1,770,103	58,853	2,198,280
2003*	296,273	1,900,174	43,514	2,239,961
2004	270,029	1,937,797	69,427	2,277,253
2005	265,749	2,080,731	43,514	2,389,994
2006*	299,679	2,198,555	106,039	2,567,136
2007	297,230	2,224,813	125,331	2,638,809
2008	278,532	1,850,510	105,148	2,234,190
2009*	243,909	1,688,448	95,056	2,027,413
2010*	294,572	1,828,063	99,483	2,222,118
2011*	342,427	1,868,986	121,382	2,332,795
2012*	400,611	1,952,718	264,113	2,617,442
2013	442,842	1,958,891	275,066	2,676,799
2014	444,912	2,004,801	228,992	2,678,706

1. Visitor arrivals by ships until 2011. Visitor arrivals by ships and by air starting in 2012.

NA: Not available

\* Revised data

SOURCE: HAWAII TOURISM AUTHORITY.

10.1.6

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

*Arrivals by air*

<b>2014</b>	<b>Maui</b>	<b>Moloka'i</b>	<b>Lāna'i</b>
<b>Total</b>	<b>2,410,214</b>	<b>59,647</b>	<b>67,948</b>
<b>United States</b>	<b>1,798,278</b>	<b>41,309</b>	<b>50,918</b>
<b>Canada</b>	<b>272,876</b>	<b>5,385</b>	<b>5,116</b>
<b>Asia</b>	<b>132,512</b>	<b>3,309</b>	<b>2,490</b>
China	25,879	651	548
Hong Kong	1,207	131	122
Japan	58,894	1,944	1,314
Korea	42,030	527	444
Singapore	972	26	48
Taiwan	3,531	30	14
<b>Oceania</b>	<b>75,757</b>	<b>4,429</b>	<b>4,911</b>
Australia	64,486	3,929	4,092
New Zealand	11,271	500	819
<b>Europe</b>	<b>58,792</b>	<b>2,876</b>	<b>2,082</b>
United Kingdom	16,331	567	715
Germany	5,565	258	245
France	22,273	1,446	611
Italy	5,834	194	200
Switzerland	8,789	411	312
<b>Latin America</b>	<b>10,945</b>	<b>398</b>	<b>393</b>
Argentina	2,316	75	56
Brazil	4,958	187	176
Mexico	3,671	135	161
<b>Other</b>	<b>61,055</b>	<b>1,942</b>	<b>2,038</b>

SOURCE: HAWAII TOURISM AUTHORITY.

## 10.1.7

## TOTAL AIR SEATS OPERATED TO KAHULUI AIRPORT

	2011	2012*	2013	2014
<b>TOTAL SEATS</b>	<b>1,688,594</b>	<b>1,782,041</b>	<b>1,843,928</b>	<b>1,975,832</b>
Scheduled	1,688,594	1,782,041	1,843,928	1,975,832
Charter	0	0	0	0
<b>DOMESTIC SEATS</b>	<b>1,537,738</b>	<b>1,613,642</b>	<b>1,671,934</b>	<b>1,797,676</b>
Scheduled Seats	1,537,738	1,613,642	1,671,934	1,797,676
Charter Seats	0	0	0	0
<b>US West</b>	<b>1,434,792*</b>	<b>1,521,733</b>	<b>1,592,478</b>	<b>1,680,424</b>
Anchorage	9,688	10,676	10,519	10,512
Bellingham	0	7,366	36,044	19,797
Boise	0	0	0	2,366
Denver	44,042	25,292	29,040	35,607
Las Vegas	21,420	22,880	0	0
Los Angeles	496,230	521,084	528,679	583,813
Oakland	63,809	125,842	150,400	150,298
Orange County	16,768	248	0	0
Phoenix	106,020	103,834	100,103	107,540
Portland	147,926	83,607	92,203	96,959
Sacramento	55,946	67,824	57,305	58,757
San Diego	55,946	71,278	69,394	71,170
San Francisco	199,772	175,734	178,398	180,200
San Jose	42,747	113,882	149,100	150,046
Seattle	174,478	192,186	191,293	213,359
<b>US East</b>	<b>102,946</b>	<b>91,909</b>	<b>79,456</b>	<b>117,252</b>
Chicago	20,821	10,384	2,720	14,792
Dallas	82,125	81,525	76,736	102,460
<b>INTERNATIONAL SEATS</b>	<b>150,856</b>	<b>168,399</b>	<b>171,994</b>	<b>178,156</b>
<b>Canada</b>	<b>150,856</b>	<b>168,399</b>	<b>171,994</b>	<b>178,156</b>
Calgary	28,610	36,052	33,882	36,187
Edmonton	5,694	8,694	11,592	12,213
Vancouver	116,552	123,653	126,250	129,756

\* Revised data.

SOURCE: HAWAII TOURISM AUTHORITY.

## 10.1.8

## HOTEL OCCUPANCY AND ROOM RATES MAUI ISLAND

Month, 2014	Occupancy	Average Daily Rate (\$)	Revenue per Available Room (\$)
January	75.5%	326.44	246.46
February	80.6%	331.02	266.80
March	76.8%	324.34	249.09
April	71.7%	297.54	213.34
May	67.3%	261.20	175.79
June	67.9%	295.40	200.58
July	73.1%	311.42	227.65
August	70.7%	297.74	210.50
September	69.1%	248.43	171.67
October	70.1%	257.07	180.21
November	70.0%	269.67	188.77
December	72.0%	395.03	284.42
<b>Total</b>	<b>72.0%</b>	<b>\$304.30</b>	<b>\$219.10</b>

SOURCE: HAWAII TOURISM AUTHORITY.

## 10.2.1

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

	2011	2012	2013	2014	2015
<b>Maui</b>					
Budget (up to \$100)	2.9%	4.2%	3.1%	3.1%	1.9%
Standard (\$101 to \$250)	25.4%	25.1%	24.3%	22.3%	19.2%
Deluxe (\$251 to \$500)	27.6%	23.1%	26.4%	27.3%	25.2%
Luxury (over \$500 per night)	44.1%	47.6%	46.2%	47.3%	53.8%
<b>Moloka'i</b>					
Budget (up to \$100)	27.9%	5.2%	6.3%	2.9%	6.2%
Standard (\$101 to \$250)	65.2%	88.2%	89.4%	92.8%	85.6%
Deluxe (\$251 to \$500)	5.5%	5.9%	3.5%	3.6%	8.2%
Luxury (over \$500 per night)	1.5%	0.7%	0.7%	0.7%	0.0%
<b>Lāna'i</b>					
Budget (up to \$100)	0.9%	1.1%	0.0%	0.0%	0.0%
Standard (\$101 to \$250)	3.1%	3.1%	4.2%	4.2%	4.5%
Deluxe (\$251 to \$500)	43.5%	43.4%	43.3%	43.3%	26.3%
Luxury (over \$500 per night)	52.6%	52.4%	52.4%	52.4%	69.2%
<b>Hawai'i Island</b>					
Budget (up to \$100)	10.2%	9.9%	8.5%	8.3%	9.9%
Standard (\$101 to \$250)	32.3%	28.1%	29.8%	28.1%	32.9%
Deluxe (\$251 to \$500)	41.1%	48.3%	42.6%	44.0%	36.5%
Luxury (over \$500 per night)	16.4%	13.7%	19.1%	19.6%	20.6%
<b>Kaua'i</b>					
Budget (up to \$100)	8.2%	7.7%	6.3%	7.2%	2.7%
Standard (\$101 to \$250)	27.9%	26.4%	19.6%	19.6%	33.7%
Deluxe (\$251 to \$500)	43.2%	40.5%	47.8%	44.7%	26.6%
Luxury (over \$500 per night)	20.8%	25.4%	26.3%	28.6%	37.0%
<b>O'ahu</b>					
Budget (up to \$100)	7.4%	7.1%	6.6%	6.6%	3.1%
Standard (\$101 to \$250)	34.6%	33.7%	26.3%	24.0%	32.2%
Deluxe (\$251 to \$500)	40.0%	40.7%	43.2%	46.6%	36.1%
Luxury (over \$500 per night)	18.0%	18.4%	23.9%	22.8%	28.6%
<b>Statewide</b>					
Budget (up to \$100)	6.9%	6.9%	6.0%	6.1%	3.8%
Standard (\$101 to \$250)	31.3%	29.9%	25.7%	23.8%	29.4%
Deluxe (\$251 to \$500)	37.5%	37.9%	39.8%	41.7%	32.6%
Luxury (over \$500 per night)	24.3%	25.2%	28.5%	28.4%	34.1%

Note: Totals may not sum to 100% due to rounding.

SOURCE: HAWAII TOURISM AUTHORITY, VISITOR PLANT INVENTORY.

10.2.2

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

	2012		2013		2014		2015	
	Prop	Units	Prop	Units	Prop	Units	Prop	Units
<b>Maui</b>								
Apartment/Hotel	2	25	2	53	2	25	2	25
Bed & Breakfast	44	145	43	147	85	263	36	189
Condo Hotel	51	4,975	45	4,749	41	4,123	58	4,534
Hostel	2	32	2	32	3	48	3	53
Hotel	26	7,172	26	7,038	32	7,482	31	8,142
Individual Unit	191	3,896	304	3,342	147	3,385	602	4,773
Timeshare	17	3,407	18*	2,796	17*	2,845	25	3,227
Other	3	7	2*	23	4*	39	4	29
<b>Total</b>	<b>336</b>	<b>19,659</b>	<b>422</b>	<b>18,180</b>	<b>310</b>	<b>18,210</b>	<b>761</b>	<b>20,972</b>
<b>Moloka'i</b>								
Apartment/Hotel	2	14	1	20	1	20	0	0
Bed & Breakfast	2	2	2	2	2	2	1	1
Condo Hotel	2	74	2	100	2	73	2	73
Hostel	0	0	0	0	0	0	0	0
Hotel	0	0	0	0	0	0	0	0
Individual Unit	32	339	24	36	22	36	18	108
Timeshare	0	0	0	0	0	0	1	7
Other	0	0	0	0	0	0	0	0
<b>Total</b>	<b>38</b>	<b>429</b>	<b>29</b>	<b>158</b>	<b>27</b>	<b>131</b>	<b>22</b>	<b>189</b>
<b>Lāna'i</b>								
Apartment/Hotel	1	1	0	0	0	0	0	0
Bed & Breakfast	0	0	0	0	0	0	0	0
Condo Hotel	0	0	0	0	0	0	0	0
Hostel	0	0	0	0	0	0	0	0
Hotel	3	348	3	349	3	349	2	247
Individual Unit	1	4	1	4	1	4	1	5
Timeshare	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>Total</b>	<b>5</b>	<b>353</b>	<b>4</b>	<b>353</b>	<b>4</b>	<b>353</b>	<b>3</b>	<b>252</b>

Prop: Number of properties  
\* Revised data

SOURCE: HAWAII'Ī TOURISM AUTHORITY, VISITOR PLANT INVENTORY.



10.2.3

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

Area/Type, 2015	Properties	Units
<b>Hāna</b>		
Bed & Breakfast	2	8
Condo Hotel	1	18
Hotel	1	71
Individual Unit	6	20
Other	1	4
<b>Kahului-Wailuku</b>		
Apartment/Hotel	1	13
Bed & Breakfast	4	27
Hostel	3	53
Hotel	5	494
Individual Unit	4	18
<b>Kula-Makawao</b>		
Bed & Breakfast	12	56
Hotel	2	34
Individual Unit	3	14
Other	1	5
<b>West Maui</b>		
Apartment/Hotel	1	12
Bed & Breakfast	7	52
Condo Hotel	30	2,723
Hotel	12	4,049
Individual Unit	182	1,882
Timeshare	16	2,655
Other	2	20
<b>Ma'alaea</b>		
Bed & Breakfast	1	4
Individual Unit	4	146
<b>Wailea-Kīhei</b>		
Bed & Breakfast	10	42
Condo Hotel	27	1,793
Hotel	11	3,494
Individual Unit	403	2,693
Timeshare	9	572

SOURCE: HAWAII TOURISM AUTHORITY, 2015 VISITOR PLANT INVENTORY.

10.2.4

**VISITOR PLANT INVENTORY  
MAUI COUNTY**

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Year	Available Units
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
2010	20,383*
2011	21,745
2012	20,441
2013	18,691
2014	18,694
2015	21,413

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NA: Not available

\* Revised data

SOURCE: HAWAII'S TOURISM AUTHORITY, VISITOR PLANT INVENTORY.

### 10.3.1

## DAILY EXPENDITURES PER PERSON BY ISLAND

*Arrivals by air*

2014	Maui	Moloka'i	Lāna'i	Hawai'i	Kaua'i	O'ahu
<b>Total Spending</b>	<b>\$203.87</b>	<b>\$120.88</b>	<b>\$318.93</b>	<b>\$170.55</b>	<b>\$163.75</b>	<b>\$209.55</b>
<b>Lodging</b>	<b>98.30</b>	<b>51.40</b>	<b>175.38</b>	<b>72.92</b>	<b>72.37</b>	<b>92.78</b>
<b>Total Food and Beverages</b>	<b>41.58</b>	<b>22.66</b>	<b>73.92</b>	<b>33.64</b>	<b>34.13</b>	<b>40.60</b>
Restaurant food	26.80	10.61	65.84	22.25	20.95	28.71
Dinner shows and cruises	4.70	0.15	2.41	2.23	3.44	3.94
Groceries and snacks	10.08	11.90	5.67	9.16	9.73	7.94
<b>Entertainment &amp; Recreation</b>	<b>17.80</b>	<b>11.43</b>	<b>25.97</b>	<b>17.92</b>	<b>18.86</b>	<b>16.66</b>
<b>Total Transportation</b>	<b>20.06</b>	<b>25.88</b>	<b>17.56</b>	<b>24.79</b>	<b>19.48</b>	<b>14.67</b>
Interisland airfare	2.80	10.38	10.46	6.49	2.53	2.19
Ground transportation	0.66	1.61	1.92	0.64	0.32	1.99
Rental vehicles	15.04	11.87	4.17	15.70	15.40	9.28
Gasoline, parking, etc.	1.57	2.03	1.01	1.96	1.23	1.21
<b>Total Shopping</b>	<b>19.07</b>	<b>6.84</b>	<b>16.09</b>	<b>15.24</b>	<b>13.54</b>	<b>37.40</b>
Fashion and clothing	8.01	1.70	9.34	5.35	5.36	14.47
Jewelry and watches	3.75	0.54	1.98	2.54	2.51	4.59
Cosmetics, perfume	0.55	0.06	0.71	0.19	0.33	1.78
Leather goods	0.71	0.34	0.22	0.36	0.13	5.35
Hawai'i food products	2.09	1.80	1.65	3.23	1.83	3.19
Souvenirs	3.95	2.40	2.19	3.58	3.38	8.02
<b>All Other Expenses</b>	<b>7.06</b>	<b>2.67</b>	<b>10.01</b>	<b>6.03</b>	<b>5.38</b>	<b>7.45</b>

Note: Sums may not add up to total due to rounding.

SOURCE: HAWAII TOURISM AUTHORITY, 2014 ANNUAL VISITOR RESEARCH REPORT.

10.3.2

**CRUISE VISITOR PER PERSON PER DAY SPENDING  
BY ISLAND**

<b>2014</b>	<b>Maui</b>	<b>Hawai'i</b>	<b>Kaua'i</b>	<b>O'ahu</b>	<b>State</b>
<b>Total per person per day spending</b>	<b>\$63.24</b>	<b>\$70.21</b>	<b>\$60.55</b>	<b>\$107.68</b>	<b>\$200.49</b>
<b>Lodging</b>	<b>7.79</b>	<b>7.40</b>	<b>7.02</b>	<b>30.39</b>	<b>15.10</b>
<b>Food and Beverages</b>	<b>7.83</b>	<b>7.33</b>	<b>5.53</b>	<b>20.25</b>	<b>11.44</b>
Restaurant	5.61	4.88	3.64	15.37	8.34
Dinner shows	0.90	0.61	0.86	2.35	1.32
Groceries and snacks	1.32	1.84	1.04	2.53	1.78
<b>Entertainment and Recreation</b>	<b>2.55</b>	<b>2.76</b>	<b>2.54</b>	<b>5.66</b>	<b>3.65</b>
<b>Shore Tour</b>	<b>18.81</b>	<b>25.21</b>	<b>25.17</b>	<b>14.48</b>	<b>20.19</b>
<b>Total Transportation</b>	<b>6.02</b>	<b>5.29</b>	<b>5.19</b>	<b>9.62</b>	<b>6.90</b>
Interisland airfare	1.17	1.15	1.14	1.53	1.28
Ground transportation	1.03	1.42	0.91	3.63	1.96
Rental car, moped	3.28	2.31	2.72	3.76	3.12
Other transportation	0.54	0.40	0.42	0.70	0.54
<b>Total Shopping</b>	<b>15.93</b>	<b>17.50</b>	<b>11.36</b>	<b>21.01</b>	<b>17.16</b>
Fashion and clothing	5.55	5.00	3.91	8.54	6.11
Jewelry and watches	4.00	2.91	2.31	3.84	3.37
Cosmetics, perfume	0.50	0.24	0.17	1.07	0.56
Leather goods	0.40	0.22	0.21	0.58	0.38
Hawai'i food products	1.41	4.23	1.23	1.96	2.23
Souvenirs	4.06	4.90	3.54	5.03	4.51
<b>All Other Spending Outside Ship</b>	<b>4.30</b>	<b>4.73</b>	<b>3.73</b>	<b>6.26</b>	<b>4.97</b>

SOURCE: HAWAII TOURISM AUTHORITY, 2014 ANNUAL VISITOR RESEARCH REPORT.

### 10.3.3

## SUMMARY VISITOR CHARACTERISTICS MAUI COUNTY

*Arrivals by air*

2014	Total	Domestic	International
<b>Islands Visited</b>			
O'ahu	741,469	490,412	251,057
Maui County	2,449,714	2,004,801	444,912
Maui	2,410,214	1,970,676	439,538
Moloka'i	59,647	47,296	12,351
Lāna'i	67,948	54,612	13,336
Kaua'i	300,076	241,050	59,026
Hawai'i Island	349,297	259,013	90,284
Hilo	204,057	146,751	57,306
Kona	293,759	220,075	73,684
Maui County Only	1,528,455	1,354,233	174,222
<b>Visit Status</b>			
First-Time	799,700	592,940	206,761
Repeat	1,650,013	1,411,862	238,152
Average # of Trips	5.23	5.67	3.25
<b>Party Size</b>			
One	307,758	267,793	39,965
Two	1,131,835	915,315	216,520
Three or More	1,010,120	821,693	188,427
Average Party Size	2.18	2.16	2.29
<b>Accommodations</b>			
Hotel	1,363,646	1,075,975	287,671
Hotel Only	1,055,337	832,004	223,333
Condo	726,104	587,842	138,263
Condo Only	561,467	460,701	100,766
Timeshare	287,737	263,217	24,519
Timeshare Only	212,332	195,740	16,592
Rental House	149,002	122,922	26,080
Bed & Breakfast	34,356	27,478	6,878
Cruise Ship	109,847	88,186	21,661
Friends or Relatives	148,575	134,112	14,463

SOURCE: HAWAII TOURISM AUTHORITY, 2014 ANNUAL VISITOR RESEARCH REPORT.

## 10.3.4

### SUMMARY VISITOR CHARACTERISTICS BY ISLAND, MAUI COUNTY

*Arrivals by air*

2014	Maui	Moloka'i	Lāna'i
<b>Islands Visited</b>			
O'ahu	722,809	35,882	34,546
Maui County	2,410,214	59,647	67,948
Maui	2,410,214	39,369	47,721
Moloka'i	39,369	59,647	16,241
Lāna'i	47,721	16,241	67,948
Kaua'i	294,172	20,543	22,730
Hawai'i Island	341,594	23,703	26,555
Hilo	200,467	18,653	20,102
Kona	287,818	21,109	23,822
Island only	1,485,236	6,701	8,123
<b>Visit Status</b>			
First-Time	790,491	21,562	23,378
Repeat	1,619,723	38,085	44,570
Average # of Trips	5.20	5.83	5.66
<b>Party Size</b>			
One	299,470	11,586	11,368
Two	1,113,818	29,226	34,500
Three or More	996,927	18,835	22,080
Average Party Size	2.18	1.93	1.99
<b>Accommodations</b>			
Hotel	1,341,355	33,701	44,402
Hotel Only	1,039,119	19,055	31,074
Condo	718,390	14,679	12,245
Condo Only	556,379	8,477	7,972
Timeshare	284,374	5,688	6,210
Timeshare Only	210,416	2,942	3,983
Rental House	144,012	7,010	4,569
Bed & Breakfast	33,471	2,322	1,549
Cruise Ship	109,329	6,269	7,462
Friends or Relatives	141,911	8,598	6,885

SOURCE: HAWAII TOURISM AUTHORITY, 2014 ANNUAL VISITOR RESEARCH REPORT.

## 10.3.5

### TOTAL CRUISE PASSENGERS BY MMA

	Visitors	US West	US East	Canada	Oceania <sup>1</sup>	Europe	Other	Hawai'i Residents	Total
<b>2014</b>									
Maui	228,992	62,528	86,832	32,208	17,353	9,731	20,340	4,241	233,233
Moloka'i	2,847	1,292	667	313	201	50	324	70	2,917
Lāna'i	4,593	2,106	896	316	493	217	565	72	4,665
<b>2013</b>									
Maui	275,066	84,739	106,692	34,878	18,764	10,032	19,962	3,569	278,635
Moloka'i	4,703	2,564	1,423	150	128	54	384	71	4,774
Lāna'i	6,673	3,752	1,657	455	199	133	477	21	6,694
<b>2012</b>									
Maui	264,113	82,078	102,211	35,892	16,136	10,375	17,421	3,193	267,306
Moloka'i	4,555	2,401	1,017	390	163	118	466	87	4,642
Lāna'i	6,700	3,282	1,834	524	211	155	695	95	6,795
<b>2011</b>									
Maui	234,671	75,000	97,322	28,465	NA	10,382	23,501	2,096	236,767
Moloka'i	3,044	1,417	805	402	NA	84	336	45	3,089
Lāna'i	4,471	2,157	1,205	454	NA	120	535	33	4,504
<b>2010</b>									
Maui	216,663	64,380	97,357	26,740	NA	11,563	16,624	1,912	218,575
Moloka'i	2,833	1,339	1,115	168	NA	43	168	51	2,885
Lāna'i	4,258	1,749	1,644	425	NA	131	309	23	4,280

1. Oceania includes Australia and New Zealand; this category began to be counted in 2012.  
MMA: Major Market Area

SOURCE: HAWAII TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.3.6

**CRUISE AND PASSENGER SHIP SCHEDULE  
KAHULUI AND LAHAINA HARBORS**

	Ships Scheduled	
	2015	2016
<b>Kahului Harbor</b>		
January	5	6
February	4	2
March	6	2
April	6	4
May	7	4
June	4	3
July	4	5
August	5	4
September	7	4
October	5	5
November	5	4
December	5	4
<b>Total</b>	<b>63</b>	<b>47</b>
<b>Lahaina Small Boat Harbor</b>		
January	4	3
February	5	2
March	6	3
April	7	9
May	3	3
June	1	2
July	1	0
August	0	1
September	8	3
October	7	8
November	3	4
December	3	4
<b>Total</b>	<b>48</b>	<b>42</b>

Note: Schedules are tentative.

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



## 10.4.1

## ACTIVITY PARTICIPATION BY VISITOR CATEGORY MAUI ISLAND

2014	US West	US East	Japan	Canada
<b>All Sightseeing</b>	<b>93.4%</b>	<b>96.1%</b>	<b>85.7%</b>	<b>96.4%</b>
Self-guided / drive around island	85.2%	76.7%	48.7%	86.5%
Helicopter / airplane tour	3.3%	7.4%	0.6%	6.7%
Boat / submarine tour, whale watching	32.4%	35.9%	12.2%	33.8%
Visit communities	25.0%	25.1%	11.4%	31.4%
Limo, van / bus tour	6.2%	17.5%	26.2%	9.3%
Scenic views / natural landmarks	56.8%	67.0%	29.1%	68.9%
Movie / TV film location	0.9%	2.0%	4.0%	0.5%
<b>All Recreation</b>	<b>96.7%</b>	<b>91.1%</b>	<b>65.2%</b>	<b>95.7%</b>
Beach / sunbathing / swimming	89.9%	81.5%	41.6%	90.9%
Surfing / bodyboarding / paddleboarding	26.4%	16.7%	6.0%	31.5%
Canoeing / kayaking	5.8%	6.0%	1.4%	5.6%
Snorkeling / scuba diving	55.4%	42.0%	13.8%	55.8%
Jet skiing / parasailing / windsurfing	4.8%	2.4%	3.5%	1.4%
Golf	10.5%	9.0%	15.2%	11.8%
Running / jogging / fitness walking	39.7%	34.2%	14.9%	43.6%
Spa	12.1%	10.8%	2.8%	8.4%
Backpacking / hiking / camping	18.7%	16.5%	1.9%	18.7%
Agritourism	7.0%	9.0%	1.8%	8.2%
Sports event / tournament	2.5%	1.4%	0.6%	2.7%
State parks / botanical gardens	36.5%	42.2%	14.7%	41.5%
<b>All Entertainment</b>	<b>96.7%</b>	<b>91.2%</b>	<b>71.9%</b>	<b>96.3%</b>
Lunch / sunset / dinner / evening cruise	23.4%	29.3%	32.8%	28.2%
Live music / stage show	27.1%	35.7%	7.6%	30.6%
Nightclub / dancing / bar / karaoke	9.2%	9.2%	0.4%	8.0%
Fine dining	64.5%	63.1%	17.2%	54.7%
Family restaurant / diner	70.9%	58.1%	17.6%	71.1%
Fast food	31.2%	29.4%	22.7%	41.7%
Café / coffee house	41.2%	29.1%	27.8%	49.4%
Ethnic dining	26.7%	22.2%	5.6%	22.2%
Prepared own meal	63.8%	38.8%	21.8%	70.8%
<b>All Shopping</b>	<b>94.5%</b>	<b>90.9%</b>	<b>75.0%</b>	<b>96.3%</b>
Mall / department stores	48.0%	40.0%	37.8%	62.4%
Designer boutiques	30.4%	26.3%	5.1%	31.2%
Hotel stores	33.3%	34.7%	21.7%	27.0%
Swap meet / flea market	15.3%	10.9%	7.2%	24.0%
Discount / outlet stores	21.7%	19.9%	17.3%	32.3%
Supermarkets	69.7%	52.2%	43.1%	73.7%
Farmers market	24.7%	16.4%	1.7%	31.7%
Convenience stores	44.1%	39.7%	31.5%	51.5%
Duty free stores	1.1%	2.5%	4.6%	4.2%
Local shops / artisans	71.5%	65.5%	19.0%	68.4%
<b>All Culture</b>	<b>59.9%</b>	<b>67.2%</b>	<b>20.1%</b>	<b>62.6%</b>
Historic military site	2.2%	3.8%	1.8%	2.5%
Other historic site	19.7%	25.0%	8.9%	21.1%
Museum / art gallery	22.8%	16.8%	4.6%	21.7%
Luau	26.2%	38.3%	2.7%	29.2%
Polynesian show / hula	13.6%	17.5%	6.1%	12.0%
Lessons, hula / canoeing	2.4%	3.4%	2.1%	3.3%
Ukulele lessons	1.0%	1.0%	0.0%	0.9%
Play / concert / theatre	5.2%	5.3%	0.0%	4.9%
Art / craft fair	15.7%	12.5%	0.0%	12.9%
Festivals	2.5%	2.3%	2.0%	2.3%
<b>All Transportation</b>	<b>94.6%</b>	<b>95.7%</b>	<b>90.5%</b>	<b>97.0%</b>
Airport shuttle	27.4%	23.3%	12.2%	27.3%
Trolley	2.6%	2.5%	5.4%	3.4%
Public bus	3.9%	3.0%	5.4%	6.2%
Tour bus / tour van	7.3%	23.0%	42.7%	12.6%
<b>Meeting</b>	<b>4.1%</b>	<b>3.2%</b>	<b>1.6%</b>	<b>2.7%</b>
<b>Convention</b>	<b>1.7%</b>	<b>1.9%</b>	<b>2.1%</b>	<b>1.8%</b>

SOURCE: HAWAII TOURISM AUTHORITY, 2014 VISITOR SATISFACTION AND ACTIVITY REPORT.

## 10.4.2

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

	Maui	Moloka'i	Lāna'i	Hawai'i	Kaua'i	O'ahu
<b>U.S. Visitors</b>						
2010	72.5%	52.2%	59.4%	67.6%	74.9%	61.9%
2011	75.8%	62.1%	74.4%	67.5%	77.3%	62.2%
2012	66.2%	58.6%	65.0%	62.3%	70.4%	56.9%
2013	67.1%	55.6%	60.5%	63.3%*	69.4%	56.9%
2014	69.5%	61.3%	60.4%	60.9%	72.0%	54.0%
<b>Japan Visitors</b>						
2010	57.4%	14.9%	31.0%	59.7%	42.8%	59.2%
2011	57.1%	28.3%	42.6%	62.0%	53.5%	62.7%
2012	57.9%	26.6%	48.8%	60.1%	55.8%	57.6%
2013	52.3%	56.4%*	36.3%	60.4%	49.7%	57.3%
2014	57.4%	20.4%	26.4%	61.2%	47.6%	56.2%

\* Revised data

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

## 10.4.3

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

2014	US Total	US West	US East	Japan	Canada
<b>Maui</b>					
Excellent	69.5%	66.6%	74.5%	57.4%	64.2%
Above Average	28.7%	31.7%	23.5%	39.5%	34.8%
Below Average	1.6%	1.6%	1.8%	3.2%	1.1%
Poor	0.2%	0.1%	0.3%	0.0%	0.0%
<b>Moloka'i</b>					
Excellent	61.3%	56.5%	68.6%	20.4%	63.3%
Above Average	30.9%	32.0%	29.2%	62.2%	33.7%
Below Average	7.5%	11.3%	1.8%	17.4%	3.0%
Poor	0.4%	0.3%	0.4%	0.0%	0.0%
<b>Lāna'i</b>					
Excellent	60.4%	62.7%	56.9%	26.4%	54.5%
Above Average	34.9%	36.5%	32.4%	63.0%	27.8%
Below Average	2.9%	0.6%	6.3%	10.5%	17.7%
Poor	1.9%	0.2%	4.4%	0.0%	0.0%

MMA: Major Market Area

SOURCE: HAWAII TOURISM AUTHORITY, 2014 VISITOR SATISFACTION AND ACTIVITY REPORT.

## 10.4.4

## VISITATION DECISION TIMETABLE MAUI COUNTY

Visitors, 2014	More than 1 year	10 to 12 months	7 to 9 months	4 to 6 months	1 to 3 months	Less than 1 month
<b>U.S. West</b>						
Decide to take vacation/pleasure trip	3.8%	21.4%	9.4%	32.4%	30.8%	2.2%
Decide to visit Hawai'i	4.1%	20.4%	9.7%	32.2%	30.8%	2.8%
Decide on which islands to visit	3.4%	18.3%	10.2%	32.6%	32.6%	2.8%
Set date for the trip	1.8%	14.0%	10.4%	32.8%	38.2%	2.9%
Make airline reservations	0.1%	4.6%	7.7%	35.3%	48.7%	3.6%
Purchase tickets	0.2%	4.3%	7.8%	34.7%	49.2%	3.9%
Make accommodation reservations	1.7%	10.9%	9.4%	31.1%	43.3%	3.6%
Make rental car reservations	0.1%	3.0%	4.7%	24.2%	61.1%	6.9%
Purchase tour or attraction packages	0.0%	0.8%	1.8%	15.7%	56.6%	25.1%
<b>U.S. East</b>						
Decide to take vacation/pleasure trip	5.2%	26.1%	12.4%	30.3%	24.8%	1.2%
Decide to visit Hawai'i	5.9%	24.8%	12.5%	30.5%	25.2%	1.2%
Decide on which islands to visit	3.9%	20.7%	13.1%	31.8%	28.6%	1.8%
Set date for the trip	2.3%	15.6%	13.7%	33.7%	32.3%	2.3%
Make airline reservations	0.3%	7.2%	11.6%	34.7%	43.8%	2.4%
Purchase tickets	0.2%	6.8%	11.4%	34.6%	44.3%	2.7%
Make accommodation reservations	1.3%	11.7%	12.2%	31.4%	40.9%	2.6%
Make rental car reservations	0.2%	4.2%	6.4%	25.0%	57.2%	7.0%
Purchase tour or attraction packages	0.3%	1.6%	2.9%	15.7%	59.8%	19.8%
<b>Canada</b>						
Decide to take vacation/pleasure trip	4.2%	23.2%	12.8%	29.0%	28.7%	2.1%
Decide to visit Hawai'i	5.1%	23.0%	12.0%	27.4%	30.3%	2.2%
Decide on which islands to visit	3.3%	20.5%	11.8%	28.8%	33.1%	2.5%
Set date for the trip	2.4%	16.6%	12.6%	30.3%	34.8%	3.2%
Make airline reservations	0.2%	7.2%	12.2%	32.5%	44.8%	3.0%
Purchase tickets	0.2%	6.8%	12.4%	32.3%	45.3%	3.0%
Make accommodation reservations	1.6%	12.4%	12.1%	28.2%	41.9%	3.8%
Make rental car reservations	0.2%	3.3%	5.5%	23.7%	59.6%	7.7%
Purchase tour or attraction packages	0.0%	1.9%	2.7%	12.1%	55.2%	28.1%
<b>Japan</b>						
Decide to take vacation/pleasure trip	1.7%	12.7%	5.4%	33.5%	41.9%	4.7%
Decide to visit Hawai'i	1.8%	11.6%	4.7%	32.2%	44.9%	4.9%
Decide on which islands to visit	1.2%	10.3%	4.8%	29.5%	48.9%	5.4%
Set date for the trip	0.7%	7.1%	4.4%	27.8%	53.7%	6.3%
Make airline reservations	0.8%	5.2%	4.2%	24.2%	58.0%	7.7%
Purchase tickets	0.6%	3.2%	4.2%	21.4%	61.2%	9.3%
Make accommodation reservations	0.7%	4.7%	4.6%	22.6%	59.4%	8.2%
Make rental car reservations	0.3%	0.9%	2.7%	9.4%	63.1%	23.6%
Purchase tour or attraction packages	0.3%	0.5%	0.6%	8.3%	65.7%	24.7%

SOURCE: HAWAII TOURISM AUTHORITY, 2014 VISITOR SATISFACTION AND ACTIVITY REPORT.

## 10.4.5

### VISITORS BY INCOME LEVEL AND MMA MAUI COUNTY

Income <sup>1</sup>	US West	US East	Canada
Under \$40,000	5.7%	3.5%	5.7%
\$40,000 to \$50,000	2.2%	2.6%	3.6%
\$50,000 to \$60,000	4.3%	3.8%	5.0%
\$60,000 to \$70,000	3.7%	5.1%	7.4%
\$70,000 to \$80,000	7.5%	6.0%	5.6%
\$80,000 to \$90,000	5.7%	8.2%	4.7%
\$90,000 to \$100,000	5.8%	7.5%	8.5%
\$100,000 to \$125,000	15.4%	16.5%	15.0%
\$125,000 to \$150,000	10.9%	10.7%	12.9%
\$150,000 to \$175,000	8.2%	7.6%	8.4%
\$175,000 to \$200,000	6.3%	6.3%	6.0%
\$200,000 to \$250,000	8.9%	6.6%	6.4%
\$250,000 or more	15.5%	15.6%	10.7%

Income <sup>1</sup>	Japan	Europe	Oceania
Under \$40,000	12.5%	13.4%	7.2%
\$40,000 to \$50,000	15.8%	6.9%	9.2%
\$50,000 to \$60,000	9.4%	5.6%	7.0%
\$60,000 to \$70,000	12.3%	6.7%	6.6%
\$70,000 to \$80,000	6.6%	4.8%	5.2%
\$80,000 to \$90,000	6.3%	7.2%	8.4%
\$90,000 to \$100,000	7.4%	8.4%	6.1%
\$100,000 to \$125,000	29.0%	13.5%	11.5%
\$125,000 to \$150,000	0.0%	8.4%	9.5%
\$150,000 to \$175,000	0.0%	7.5%	6.3%
\$175,000 to \$200,000	0.0%	6.1%	4.1%
\$200,000 to \$250,000	0.0%	4.6%	8.2%
\$250,000 or more	0.6%	6.8%	10.8%

1. All in U.S. dollars.

MMA: Major Market Area

SOURCE: HAWAII'S TOURISM AUTHORITY, 2014 VISITOR SATISFACTION AND ACTIVITY REPORT.

## 10.5.1

### ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS MAUI COUNTY

Attraction	2012	2013	2014
<b>Maui</b>			
Alexander & Baldwin Sugar Museum	34,037	36,680	34,899
Aquarium Maui / Maui Ocean Center	306,346*	312,577	284,514
Haleakala National Park	1,094,668	785,300	1,142,040
Haleki'i-Pihana Heiaus State Monument <sup>1</sup>	NA	NA	NA
Hāna Cultural Center	NA	NA	NA
ʻĪao Valley State Monument <sup>1</sup>	NA	NA	NA
Kula Botanical Garden	32,100	34,275	NA
Lahaina Restoration Foundation	30,538	27,075*	23,098
Baldwin Missionary Home Museum	16,919	14,463*	13,390
Hale Pa'i Printing House	2,300	12,259*	490
Wo Hing Temple Museum	11,319	353*	9,218
Maui Historical Society Bailey House Museum	11,018	10,732	10,860
Whalers Village Museum	180,140	202,700	184,700
<b>Moloka'i</b>			
Kalaupapa National Historical Park	58,875	101,112	67,210
Kalaupapa Settlement	8,778	NA	NA

1. Fiscal year ending June 30.

NA: Not available

\* Revised data

SOURCE: HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, RESEARCH AND ECONOMIC ANALYSIS DIVISION, STATE OF HAWAII DATA BOOK 2014.

## 10.5.2

### NATIONAL AND STATE HISTORIC SITES MAUI COUNTY

2012	Maui	Kaho'olawe	Lāna'i	Moloka'i
Listed Hawai'i Register only	83	0	0	41
Listed National Register only	13	1	0	10
Listed both Hawai'i and National Register	67	0	2	40
Eligible for National Register <sup>1</sup>	2	0	0	2
<b>Total Sites</b>	<b>165</b>	<b>1</b>	<b>2</b>	<b>93</b>

1. Sites declared eligible for National Register listing by the National Board.

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

## 10.5.3

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

	2010	2011	2012	2013	2014
<b>National Parks</b>					
Number	2	2	2	2	2
Acreage	44,001	44,001	44,043	44,043	44,043
Visits	1,133,525*	1,014,830	1,153,543	886,412	1,209,250
<b>State Parks and Historic Sites</b>					
Number	11	11	11	11	10
Acreage	561.7	561.7	561.7	561.7	560.2
<b>County Parks</b>					
Number	142	135	139	143	144
Acreage	1,395	1,720	1,801	1,977	2,152

\* Revised data.

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

10.5.4

**COMMUNITY CENTERS  
MAUI COUNTY**

Name	Location	Maximum Capacity	Tables	Chairs	Kitchen	Public Parking
Eddie Tam Memorial	Makawao	380	35	390	yes	39
Ha'ikū	Ha'ikū	272	40	242	yes	48
Hāli'imaile Annex	Hāli'imaile	60	9	58	yes	2
Hāna	Hāna	140	25	114	yes	Unmarked
Helene Hall	Hāna	304	24	240	no	20
Kahului	Kahului	200	8	64	yes	30*
Kalama Park Extension	Kīhei	250	12	12	yes	Unmarked
Kenolio	Kīhei	175	13	62	yes	64
Kēōkea	Kula	108	11	80	yes	37
Kīhei	Kīhei	600	38	30	yes	149
Kilohana	Kaunakakai	150	5	20	yes	20
Kualapu'u	Kualapu'u	97	9	72	yes	100
Kula	Kula	180	61	134	yes	64
Lahaina Civic Center	Lahaina	322	23	322	yes	150
Lāna'i	Lāna'i City	200	26	100	yes	64
Maunaloa	Maunaloa	170	25	170	yes	Unmarked
Mayor Hannibal Tavares	Pukalani	755*	50	506	yes	141
Mitchell Pau'ole	Kaunakakai	246	22	160	yes	21
Old Kalama Park Pavilion	Kīhei	80	12	0	no	79
Pā'ia	Pā'ia	324*	29	221	yes	37
Waikapū	Waikapu	100	8	80	yes	8
Wailuku	Wailuku	500	8	96	yes	84

\* Revised data.

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	20,000*
Gym	2,892*
Baseball Stadium	1,200
Kamehameha School Stadium	2,200
Maui High Gym	2,000
Kamahameha High School Gym	1,800
Baldwin High Auditorium	1,183
Kamehameha Middle School Gym	700
Wailuku Gym	600
Seabury Hall Gym	400
<b>Civic Centers and Theaters</b>	
Maui Arts & Cultural Center	
Amphitheater	4,000
Castle Theater	1,200
Gallery	400
Theater Stage	400
McCoy Theater	248*
Community Hall	230
Classroom C	16
Lahaina Civic Center Convention Hall	2,400*
Maui Theatre	680
Īao Theater	400
UH Maui College Student Center Lounge	100
Maui Academy of Performing Arts	60
<b>Churches</b>	
First Assembly of God Maui (Pu'unene 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
First Assembly of God Maui (Moloka'i)	200
Makawao Union Church Hall	200
St. John Episcopal Church	200
Īao Congegational	175
Īao Congegational Hall	100
St. John Episcopal Church Hall	100

\* Revised data.

SOURCE: OFFICIALS OF THE FACILITIES.



10.6.1

**DOG LICENSES ISSUED  
BY ISLAND**

Year	State Total	Maui <sup>1</sup>	Moloka'i	Lana'i	Hawai'i	Kaua'i	O'ahu
1993	27,586	2,427	46	26	4,006	1,000	20,081
1994	29,010	3,171	57	26	4,099	2,172	19,485
1995	28,442	1,446	48	82	4,911	1,925	20,030
1996	30,376	699	58	32	5,381	2,961	21,245
1997	28,395	1,378	80	33	5,871	1,320	19,713
1998	28,645	649	83	35	5,777	2,240	19,861
1999	32,137	4,473	84	29	6,311	1,201	20,039
2000	31,147	4,587	25	57	5,627	785	20,066
2001	31,068	4,285	NA	NA	5,919	2,103	18,761
2002	30,909	4,420	30	50	6,809	1,848	17,752
2003	29,519	2,901	47	12	6,786	3,100	16,673
2004	50,180	3,977	30	25	8,085	1,942	36,121
2005	53,415	4,621	30	24	10,454	2,648	35,638
2006	50,440	4,282	27	17	8,836	2,115	35,163
2007	50,403	4,997	27	9	6,504	3,900	34,966
2008	50,919	7,009	32	16	6,186	2,547	35,129
2009	52,623	5,039	36	25	7,881	4,513	35,129
2010	51,072	4,683	61	65	7,353	4,113	34,797
2011	49,763	4,880	24	22	6,647	4,454	33,736
2012	NA	4,042	NA	NA	6,205	2,664	32,892
2013*	39,227	3,978	26	54	6,292	3,709	32,970
2014*	NA	4,034	NA	NA	7,050	NA	NA
2015	NA	NA	NA	NA	7,399	NA	NA

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

\* Revised data.

NA: Not available.

SOURCE: COMPILED BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM; HAWAI'I ISLAND HUMANE SOCIETY.

10.6.2

**ANIMAL ACQUISITIONS AND DISPOSITIONS  
MAUI HUMANE SOCIETY**

	FY 2013-2014				FY 2014-2015			
	Dogs	Cats	Feral Cats	Other	Dogs	Cats	Feral Cats	Other
<b>Area</b>								
Lahaina	155	374	293	76	219	265	245	27
Kīhei	255	419	244	204	246	375	298	154
Makawao	218	246	171	501	223	251	191	157
Kahului	318	511	368	119	307	463	320	158
Kula	103	127	143	27	145	121	113	36
Wailuku	399	608	435	171	319	481	402	121
Pā'ia	54	100	90	18	62	115	54	20
Ha'ikū	196	166	89	134	205	195	92	114
Hāna	117	52	30	7	90	36	32	3
Lāna'i	9	0	0	0	65	55	20	9
Left at shelter	438	345	98	144	315	276	137	98
Total	2,262	2,948	1,961	1,401	2,196	2,633	1,904	897
<b>Intakes</b>								
Strays	1,491	2,010	1,721	689	1,404	1,897	1,700	585
Owner turn ins	755	920	240	700	788	735	205	303
Born here	16	18	0	11	6	0	0	9
Total Live Intakes	2,262	2,948	1,961	1,400	2,198	2,632	1,905	897
Dead on arrival	102	602	2	6	95	411	3	5
Owner requested euthanasia	167	88	3	7	142	86	4	6
Total Intakes	2,531	3,638	1,966	1,413	2,435	3,129	1,912	908
<b>Live Release</b>								
Reclaim by owner	533	247	17	8	542	265	6	18
Adopted	725	772	0	278	814	876	0	204
Transferred	245	1	0	16	410	33	0	27
Total Live Release	1,503	1,020	17	302	1,766	1,174	6	249
<b>Dispositions</b>								
Missing in action	0	9	1	5	8	15	3	14
Died at shelter	13	16	0	3	3	23	0	4
Euthanized unhealthy	232	698	1,944	681	175	674	1,892	522
Euthanized treatable	467	1,162	0	131	225	758	0	65
Euthanized healthy	15	34	0	276	0	5	0	31
Total Euthanized	714	1,894	1,944	1,088	400	1,437	1,892	618

SOURCE: MAUI HUMANE SOCIETY.

### 10.6.3

## MAUI HUMANE SOCIETY CALL SLIPS AND CITATIONS ISSUED

Call Slips	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15
Leash Law	1,347	1,145	973	773
No Tax	364	242	0	111
Barking	150	74	45	156
Cruelty/Neglect	526	483	493	869
Yard Inspection	2	0	1	4
Injured Animals	170	119	119	179
Injured Wild Life	19	3	8	2
Large Animal Trespass	16	6	9	10
Spay/Neuter Reclaims	49	NA	NA	NA
Abandonment	53	52	22	49
Dangerous Dog Recheck	74	44	65	66
Dog to Dog Bites	60	59	69	53
Dog to Human Bites	59	63	68	62
Dog to Other Bites	39	32	46	44
Ongoing Investigation	2,213	NA	1,080	1,080
Pickup/Deliver/Misc.	828	810	918	542
Stray Dog Pick Up	574	429	438	768
Dead on Arrival	746	656	645	556
Stray Cat Pick Up	1,753	1,371	1,214	469
Owned Animal Pick Up	45	56	52	12
Pick Up Police Reports, License	199	180	14	NA
Other Animal Pick Up	6	3	0	3
Wild Life Pick Up	4	1	0	0
Wild Life Transfer	0	1	0	0
Preventative Patrols	1,988	764	1,909	1,727
Personal Assist	449	276	360	837
<b>Total</b>	<b>11,733</b>	<b>6,869</b>	<b>8,548</b>	<b>8,372</b>

FY 2014-15	Upcountry	Hāna	Kahului	Wailuku	Lahaina	Kīhei
Leash Law	75	0	10	35	16	18
No Tax	8	0	0	0	0	0
Inhumane Manner	20	0	14	4	1	0
Cruelty	0	0	1	3	1	1
Aggressive Dog	38	0	7	18	5	15
Dangerous Dog Non Compliance	16	0	0	2	3	3
Interference	0	0	0	0	0	0
Abandonment	0	0	0	0	0	0
Livestock At Large	0	0	0	0	0	0
<b>Total</b>	<b>157</b>	<b>0</b>	<b>32</b>	<b>62</b>	<b>26</b>	<b>37</b>

NA: Not available

SOURCE: MAUI HUMANE SOCIETY.



# 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 306 employees, and sales of \$363 million in 2014.

## 11.1.1

## MANUFACTURING MAUI COUNTY AND STATE OF HAWAI'I

2012	Maui County		State of Hawai'i	
	All	Food	All	Food
<b>Number of establishments</b>	<b>99</b>	<b>34</b>	<b>796</b>	<b>240</b>
20 employees or more	7	3	126	48
<b>All employees</b>	<b>997</b>	<b>607</b>	<b>11,440</b>	<b>4,796</b>
Annual payroll (\$1,000)	41,107	23,170	465,024	155,511
<b>Production workers</b>	<b>623</b>	<b>362</b>	<b>7,396</b>	<b>3,122</b>
Hours (1,000)	1,261	786	13,640	5,646
Wages (\$1,000)	25,641	14,000	257,974	86,992
<b>Value added (\$1,000)</b>	<b>172,964</b>	<b>120,292</b>	<b>1,101,021</b>	<b>533,962</b>
<b>Total cost of materials (\$1,000)</b>	<b>104,138</b>	<b>72,361</b>	<b>6,740,826</b>	<b>541,091</b>
<b>Total value of shipments (\$1,000)</b>	<b>D</b>	<b>194,348</b>	<b>D</b>	<b>1,079,586</b>
<b>Total capital expenditures (\$1,000)</b>	<b>12,318</b>	<b>10,608</b>	<b>108,404</b>	<b>27,689</b>

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

SOURCE: U.S. CENSUS BUREAU, 2012 ECONOMIC CENSUS.

11.1.2

**INDUSTRIAL AND RESEARCH PARKS  
MAUI COUNTY**

<b>2013</b>	<b>State Total</b>	<b>Maui</b>	<b>Moloka'i</b>
Number of parks	25	5	1
Total acres	4,907.2	701.3	16.5
Developed acres	3,021.7	251.3	NA
Number of tenants	691	20	NA
Number of owners	408	90	NA

	<b>Location</b>	<b>Total Acreage</b>	<b>Developed</b>	<b>Tenants</b>	<b>Owners</b>
Maui Research and Technology Park	Kihei	430	40	20	10
Maui Business Park II	Kahului	179	122	NA	NA
Wailuku Industrial Park	Wailuku	34	34	NA	80
Lahaina Business Park	Lahaina	33	30	NA	NA
Molokai Industrial Park	Kaunakakai	16.5	NA	NA	NA

SOURCE: HAWAII STATE DATA BOOK 2014; PACIFIC BUSINESS NEWS, BOOK OF LISTS (2014) VOL. 51, No. 43 (DECEMBER 20, 2013), P. 76.

11.2.1

**GENERAL EXCISE TAX BASE, MAUI COUNTY**

	2010	2011	2012	2013	2014	2015
Retailing	1,755,229,350	1,893,801,300	1,967,334,775	1,884,142,625	1,837,209,175	1,856,498,225
Services	722,056,450	832,008,100	870,113,025	894,327,625	962,630,575	1,022,536,950
Contracting	500,098,600	485,970,550	584,092,725	603,158,925	662,255,275	747,761,100
Theater, Amusement, Radio	24,975,075	17,360,650	19,169,350	17,563,175	14,639,350	16,686,025
Interest	29,750	23,300	29,325	30,075	16,275	12,700
Commissions	105,741,000	130,396,875	132,802,675	150,842,525	157,432,650	158,065,475
Hotel Rentals	482,286,475	537,060,650	521,309,225	517,916,900	442,081,650	391,458,950
All Other Rentals	352,896,100	367,036,025	367,632,475	368,320,475	390,790,600	453,676,025
Use (4%)	18,694,825	19,509,825	18,642,025	13,397,450	13,474,200	15,075,975
All Others (4%)	129,960,275	129,785,700	123,253,850	128,713,725	118,138,025	108,408,675
<b>SUB-TOTAL</b>	<b>4,091,967,900</b>	<b>4,412,952,975</b>	<b>4,604,379,450</b>	<b>4,578,413,500</b>	<b>4,598,667,775</b>	<b>4,770,180,100</b>
Insurance Solicitors	15,295,999	12,576,666	12,704,001	9,889,333	12,266,667	11,032,666
Sugar Processing	0	0	0	0	0	0
Pineapple Canning	0	0	0	0	0	0
Producing	25,913,800	31,013,400	29,610,600	29,086,600	25,855,600	26,157,600
Manufacturing	35,293,000	26,109,800	34,223,400	34,453,200	33,170,400	42,598,400
Wholesaling	393,880,400	428,979,400	457,636,400	470,972,000	464,085,000	463,741,800
Services (Intermediary)	76,912,000	74,552,000	83,847,000	70,324,400	72,190,200	74,669,400
Use (1/2%)	350,192,600	514,710,400	426,603,200	424,074,800	402,538,800	349,976,200
<b>SUB-TOTAL</b>	<b>897,487,799</b>	<b>1,087,941,666</b>	<b>1,044,624,601</b>	<b>1,038,800,333</b>	<b>1,010,106,667</b>	<b>968,176,066</b>
<b>GRAND TOTAL</b>	<b>4,989,455,699</b>	<b>5,500,894,641</b>	<b>5,649,004,051</b>	<b>5,617,213,833</b>	<b>5,608,774,442</b>	<b>5,738,356,166</b>

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



## 11.2.2

## RETAIL ESTABLISHMENTS WITH EMPLOYEES BY TYPE AND LOCATION, 2014

Establishment Type	Location	Number	Location	Number	Location	Number
<b>Motor Vehicles &amp; Parts</b>	Kahului	25	Lahaina	2	Kaunakakai	2
	Kīhei	4	Pukalani	1		
	Kula	1	Wailuku	10		
<b>Furniture &amp; Home Furnishings</b>	Ha'ikū	2	Kula	1	Pā'ia	1
	Kahului	15	Lahaina	9	Wailuku	3
	Kīhei	3	Makawao	1		
<b>Electronics &amp; Appliances</b>	Kahului	9	Lahaina	2	Lāna'i City	1
	Kīhei	4	Wailuku	1		
<b>Building Material &amp; Garden Equipment &amp; Supplies</b>	Ha'ikū	1	Lahaina	5	Wailuku	5
	Kahului	23	Makawao	2	Ho'olehua	1
	Kīhei	2	Pu'unēnē	1	Lāna'i City	1
<b>Food &amp; Beverages</b>	Ha'ikū	4	Lahaina	24	Kaunakakai	4
	Hāna	1	Makawao	4	Kualapu'u	1
	Kahului	18	Pā'ia	3	Maunaloa	1
	Kīhei	10	Wailuku	11	Lāna'i City	1
	Kula	1				
<b>Health &amp; Personal Care</b>	Ha'ikū	1	Kula	1	Pā'ia	2
	Kahului	13	Lahaina	16	Wailuku	6
	Kīhei	8	Makawao	2	Kaunakakai	1
<b>Gasoline Stations</b>	Kahului	11	Lahaina	8	Wailuku	4
	Kīhei	7	Makawao	3	Kaunakakai	1
	Kula	1	Pā'ia	3	Lāna'i City	1

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11.2.2

CONTINUED

Establishment Type	Location	Number	Location	Number	Location	Number
<b>Clothing &amp; Clothing Accessories</b>	Ha'ikū	2	Lahaina	118	Wailuku	3
	Hāna	1	Makawao	7	Kaunakakai	2
	Kahului	35	Pā'ia	15	Lāna'i City	1
	Kīhei	52				
<b>Sporting Goods, Hobby, Musical Instruments &amp; Books</b>	Kahului	17	Lahaina	10	Wailuku	5
	Kīhei	8	Pā'ia	2	Kalaupapa	1
<b>General Merchandise</b>	Kahului	9	Makawao	1	Kaunakakai	2
	Lahaina	2	Wailuku	1	Lāna'i City	1
<b>Miscellaneous</b>	Hāna	1	Lahaina	56	Kaunakakai	3
	Kahului	15	Makawao	6	Kualapu'u	1
	Kīhei	22	Pā'ia	7	Lāna'i City	1
	Kula	5	Wailuku	9		
<b>Nonstore Retailers</b>	Ha'ikū	5	Kula	5	Wailuku	5
	Kahului	5	Lahaina	5	Kaunakakai	1
	Kīhei	7	Makawao	4	Lāna'i City	2

SOURCE: U.S. CENSUS BUREAU, 2014 ZIP CODE BUSINESS PATTERNS.

### 11.2.3

## CHARACTERISTICS OF MAJOR SHOPPING CENTERS MAUI COUNTY

Shopping Center	Location	Year Opened/ Last Renovated	Gross Leasable Area	Number of Units
Queen Ka'ahumanu Center	Kahului	1972/1995	571,225	110
Maui Marketplace	Kahului	1997	317,000	22
Maui Mall	Kahului	1971/1995	182,000	36
The Shops at Wailea	Wailea	2000	160,000	68
Pi'ilani Shopping Center	Kihei	2000	150,000	30
The Outlets of Maui	Lahaina	1990	148,000	35
Lahaina Gateway	Lahaina	2008	137,000	23
Azeka Shopping Center	Kihei	1978	135,645	52
Wailuku Shopping Center	Wailuku	NA	134,557	NA
Lahaina Cannery Mall	Lahaina	1987/1999	130,599	50
Whalers Village	Lahaina	1970/1996	106,000	90
Maui Lani Shopping Center	Wailuku	2013	103,249	NA
Old Lahaina Center	Lahaina	1964	88,000	33
Lahaina Shopping Center	Lahaina	1995	77,000	21
Kahana Gateway	Lahaina	1990	58,902	NA
Marketplace at Lahaina	Lahaina	1974	56,165	46
West Maui Center	Lahaina	NA	54,425	NA
Wailuku Town Center	Wailuku	NA	52,946	9
Lahaina Square	Lahaina	1973	52,000	25
The Wharf	Lahaina	1978/1987	50,000	40
Līpoa Center	Kihei	1989/1991	45,199	10
Kukui Mall	Kihei	1987	40,974	15
Nāpili Plaza	Lahaina	NA	40,058	26
Kihei Town Center	Kihei	NA	36,892	8
Wailea Gateway Center	Wailea	2012	35,000	22
Fairway Shops	Kā'anapali	NA	34,980	21

NA: Not available

SOURCE: NATIONAL RESEARCH BUREAU, DATABASE SUPPLIED TO CLARITAS INC.; SHOPPING CENTERS WEBSITES; LOOPNET.

## 11.2.4

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

NAICS	2014	Businesses	Number of Employees	1st Quarter Payroll (\$1,000)	Annual Payroll (\$1,000)
44-45	Retail Trade	775	9,672	67,767	277,164
4411--	Automobile dealers	19	494	6,068	25,699
4412--	Other motor vehicle dealers	4	b	D	D
4413--	Auto parts, accessories, & tire stores	22	236	1,822	7,890
4421--	Furniture stores	15	60	576	2,370
4422--	Home furnishings stores	20	167	1,248	4,845
4431--	Electronics & appliance stores	17	100	670	2,901
4441--	Building material & supplies dealers	32	653	5,065	20,566
4442--	Lawn & garden equipment & supplies stores	9	53	444	1,939
4451--	Grocery stores	67	1,982	14,097	57,754
4452--	Specialty food stores	12	84	544	2,266
4453--	Beer, wine & liquor stores	5	a	D	D
4461--	Health & personal care stores	51	646	5,071	20,521
4471--	Gasoline stations	39	514	3,041	12,139
4481--	Clothing stores	156	1,359	5,363	20,834
4482--	Shoe stores	16	100	506	1,923
4483--	Jewelry, luggage, & leather good stores	68	321	3,204	12,308
4511--	Sporting goods, hobby & music instr. stores	39	349	1,751	7,004
4512--	Book stores & news dealers	3	45	215	876
4521--	Department stores	5	902	5,700	22,984
4529--	Other general merchandise stores	11	e	D	D
4531--	Florists	10	b	113	527
4532--	Office supplies, stationery, & gift stores	61	414	2,474	9,682
4533--	Used merchandise stores	9	82	421	1,648
4539--	Other miscellaneous store retailers	46	387	3,572	14,702
4541--	Electronic shopping & mail order houses	13	b	389	1,761
4542--	Vending machine operators	3	a	D	D
4543--	Direct selling establishments	23	84	630	2,636

a: 0 to 19 employees

b: 20 to 99 employees

e: 250 to 499 employees

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

NAICS: North American Industry Classification System

SOURCE: U.S. CENSUS BUREAU, 2014 COUNTY BUSINESS PATTERNS.

## 11.2.5

## RETAIL STORES BY NUMBER OF EMPLOYEES AND ZIP CODE AREA, MAUI COUNTY

2014	Total Stores	Number of Employees					
		1-4	5-9	10-19	20-49	50-99	100-499
<b>Maui Island</b>							
Hai'kū	15	10	3	1	1	0	0
Hāna	3	3	0	0	0	0	0
Kahului	195	51	49	46	32	8	9
Kīhei	127	51	42	23	7	3	1
Kula	15	11	2	2	0	0	0
Lahaina	257	103	98	36	16	3	1
Makawao	30	16	7	2	2	2	1
Pā'ia	33	18	13	0	1	0	1
Pukalani	1	0	1	0	0	0	0
Pu'unēnē	1	1	0	0	0	0	0
Wailuku	63	33	18	6	3	3	0
<b>Moloka'i</b>							
Ho'olehua	1	0	1	0	0	0	0
Kalaupapa	1	1	0	0	0	0	0
Kaunakakai	16	5	5	2	4	0	0
Kualapu'u	2	1	0	0	1	0	0
Maunaloa	1	0	1	0	0	0	0
<b>Lāna'i</b>							
Lāna'i City	9	5	2	0	2	0	0

SOURCE: U.S. CENSUS BUREAU, 20124 ZIP CODE BUSINESS PATTERNS.

11.2.6

**COMMERCIAL LEASE RENTS  
MAUI ISLAND**

Location	Range per Square Foot per Month		
	Retail	Office	Industrial
<b>West Maui</b>			
Lahaina			
Front Street	\$3.00 to \$19.00	\$1.00 to \$6.00	NA
Wainee Street	\$1.50 to \$3.00	NA	NA
Shopping Centers	\$1.50 to \$4.00	NA	NA
Industrial Area	NA	NA	\$1.15 to \$1.65
<b>Central Maui</b>			
Kahului	\$1.25 to \$2.75	\$1.25 to \$2.25	\$0.90 to \$2.00
Wailuku	\$1.00 to \$5.50	\$1.25 to \$2.50	\$1.10 to \$1.45
<b>South Maui</b>			
Kihei	\$2.00 to \$3.50	\$1.00 to \$2.80	\$1.35 to \$1.45
Wailea	\$5.50	\$4.80	NA
<b>Upcountry</b>			
Makawao	\$2.75 to \$3.50	\$1.50 to \$2.50	NA

SOURCE: CURRENT PROPERTY LISTINGS ON LOOPNET.COM AND MAUICOMMERCIAL.COM AS OF MAY 2, 2016.

## 11.3.1

## CHARACTERISTICS OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES BY SECTOR, MAUI COUNTY

Industry, 2014	Total Establishments	Employees	Annual Payroll (\$1,000)
<b>Agriculture, Forestry, Fishing &amp; Hunting</b>	<b>2</b>	<b>a</b>	<b>D</b>
<b>Mining</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Utilities</b>	<b>15</b>	<b>505</b>	<b>43,675</b>
<b>Construction</b>	<b>475</b>	<b>2,990</b>	<b>176,682</b>
Construction of buildings	159	721	38,629
Heavy & civil engineering construction	20	c	8,555
Specialty trade contractors	296	2,146	129,498
<b>Manufacturing</b>	<b>117</b>	<b>1,198</b>	<b>45,080</b>
Food manufacturing	37	756	23,942
Beverage & tobacco product manufacturing	4	51	1,650
Textile product mills	2	a	D
Apparel manufacturing	6	a	104
Wood product manufacturing	5	a	D
Printing & related support activities	11	54	1,826
Chemical manufacturing	7	40	2,078
Plastics & rubber products manufacturing	1	a	D
Nonmetallic mineral product manufacturing	10	c	D
Fabricated metal product manufacturing	4	16	870
Machinery manufacturing	1	b	D
Computer & electronic product manufacturing	1	a	D
Furniture & related product manufacturing	7	a	324
Miscellaneous manufacturing	21	b	1,217
<b>Wholesale Trade</b>	<b>161</b>	<b>1,519</b>	<b>65,418</b>
Merchant wholesalers, durable goods	59	363	18,133
Merchant wholesalers, nondurable goods	88	1,128	46,121
Wholesale electronic markets & agents & brokers	14	28	1,164
<b>Retail Trade</b>	<b>775</b>	<b>9,672</b>	<b>277,164</b>
Motor vehicle & parts dealers	45	822	36,935
Furniture & home furnishings stores	35	227	7,215
Electronics & appliance stores	17	100	2,901
Bldg material & garden equipment & supplies	41	706	22,505
Food & beverage stores	84	2,078	60,167
Health & personal care stores	51	646	20,521
Gasoline stations	39	514	12,139
Clothing & clothing accessories stores	240	1,780	35,065
Sporting goods, hobby, music instr. & books	42	394	7,880
General merchandise stores	16	1,355	40,819
Miscellaneous store retailers	126	911	26,559
Nonstore retailers	39	139	4,458
<b>Transportation &amp; Warehousing</b>	<b>148</b>	<b>2,947</b>	<b>104,678</b>
Air transportation	17	652	22,178
Water transportation	2	b	D
Truck transportation	28	415	20,108
Transit & ground passenger transportation	15	160	3,833
Scenic & sightseeing transportation	53	1,153	35,424

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11.3.1  
CONTINUED

Industry, 2014	Total Establishments	Employees	Annual Payroll (\$1,000)
Support activities for transportation	18	315	10,735
Couriers & messengers	11	150	5,937
Warehousing & storage	4	39	1,685
<b>Information</b>	<b>61</b>	<b>573</b>	<b>28,518</b>
Publishing industries (except Internet)	22	172	7,869
Motion picture & sound recording industries	6	65	1,167
Broadcasting (except Internet)	7	b	2,169
Telecommunications	20	261	16,505
Data processing, hosting & related services	4	11	350
Other information services	2	a	D
<b>Finance &amp; Insurance</b>	<b>151</b>	<b>935</b>	<b>39,158</b>
Credit intermediation & related activities	87	628	24,517
Securities, commodity contracts, investments	22	b	5,698
Insurance carriers & related activities	42	253	8,943
<b>Real Estate &amp; Rental &amp; Leasing</b>	<b>331</b>	<b>1,906</b>	<b>78,304</b>
Real estate	245	1,039	47,951
Rental & leasing services	86	f	D
<b>Professional, Scientific, &amp; Technical Services</b>	<b>398</b>	<b>1,497</b>	<b>76,112</b>
<b>Management of Companies &amp; Enterprises</b>	<b>12</b>	<b>e</b>	<b>D</b>
<b>Administrative Support &amp; Waste Management</b>	<b>277</b>	<b>3,989</b>	<b>120,087</b>
Administrative & support services	263	3,777	112,303
Waste management & remediation services	14	212	7,784
<b>Educational Services</b>	<b>71</b>	<b>810</b>	<b>24,992</b>
<b>Health Care &amp; Social Assistance</b>	<b>402</b>	<b>6,018</b>	<b>308,294</b>
Ambulatory health care services	294	2,543	159,024
Hospitals	2	g	D
Nursing & residential care facilities	16	745	25,918
Social assistance	90	1,325	31,728
<b>Arts, Entertainment, &amp; Recreation</b>	<b>123</b>	<b>2,036</b>	<b>53,584</b>
Performing arts, spectator sports, & related	46	801	21,055
Museums, historical sites, & similar institutions	10	169	4,697
Amusement, gambling, & recreation industries	67	1,066	27,832
<b>Accommodation &amp; Food Services</b>	<b>513</b>	<b>23,504</b>	<b>758,403</b>
Accommodation	90	13,442	542,725
Food services & drinking places	423	10,062	215,678
<b>Other Services (except Public Administration)</b>	<b>465</b>	<b>2,878</b>	<b>81,396</b>
Repair & maintenance	92	377	12,231
Personal & laundry services	96	791	19,558
Religious, grantmaking, civic, professional orgs	277	1,710	49,607
<b>Industries not Classified</b>	<b>2</b>	<b>a</b>	<b>D</b>
<b>Total for All Sectors</b>	<b>4,499</b>	<b>63,429</b>	<b>2,299,529</b>

a: 0 to 19 employees    b: 20 to 99 employees    c: 100 to 249 employees

e: 250 to 499 employees    f: 500 to 999 employees    g: 1,000 to 2,499 employees

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

SOURCE: U.S. CENSUS BUREAU, 2014 COUNTY BUSINESS PATTERNS.



## 11.3.2

## CHARACTERISTICS OF BUSINESS ESTABLISHMENTS BY SECTOR FOR NONEMPLOYERS, MAUI COUNTY

Industry, 2014	Establishments with Employees	Nonemployer Establishments	Annual Receipts (\$1,000)
<b>Agriculture, Forestry, Fishing &amp; Hunting</b>	<b>2</b>	<b>283</b>	<b>6,973</b>
<b>Mining</b>	<b>0</b>	<b>4</b>	<b>489</b>
<b>Utilities</b>	<b>15</b>	<b>34</b>	<b>2,227</b>
<b>Construction</b>	<b>475</b>	<b>1,310</b>	<b>89,901</b>
Construction of buildings	159	361	286,868
Heavy & civil engineering construction	20	18	1,750
Specialty trade contractors	296	931	59,283
<b>Manufacturing</b>	<b>117</b>	<b>389</b>	<b>16,434</b>
Food manufacturing	37	59	2,242
Beverage & tobacco product manufacturing	4	D	D
Textile product mills	2	D	D
Apparel manufacturing	6	46	1,405
Wood product manufacturing	5	39	1,586
Printing & related support activities	11	16	1,553
Chemical manufacturing	7	6	790
Plastics & rubber products manufacturing	1	4	561
Nonmetallic mineral product manufacturing	10	23	486
Primary metal manufacturing	N	3	46
Fabricated metal product manufacturing	4	D	D
Machinery manufacturing	1	D	D
Computer & electronic product manufacturing	1	4	32
Furniture & related product manufacturing	7	23	799
Miscellaneous manufacturing	21	143	5,574
<b>Wholesale Trade</b>	<b>161</b>	<b>403</b>	<b>25,440</b>
Merchant wholesalers, durable goods	59	167	8,380
Merchant wholesalers, nondurable goods	88	197	13,089
Wholesale electronic markets & agents & brokers	14	39	3,971
<b>Retail Trade</b>	<b>775</b>	<b>1,278</b>	<b>66,118</b>
Motor vehicle & parts dealers	45	44	3,145
Furniture & home furnishings stores	35	30	2,933
Electronics & appliance stores	17	9	614
Bldg material & garden equipment & supplies	41	20	2,016
Food & beverage stores	84	59	7,370
Health & personal care stores	51	87	3,063
Gasoline stations	39	D	D
Clothing & clothing accessories stores	240	191	9,143
Sporting goods, hobby, musical instr. & books	42	48	1,785
General merchandise stores	16	24	1,648
Miscellaneous store retailers	126	230	17,847
Nonstore retailers	39	535	16,207
<b>Transportation &amp; Warehousing</b>	<b>148</b>	<b>333</b>	<b>10,035</b>
Air transportation	17	5	82
Water transportation	2	8	131
Truck transportation	28	39	1,873

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## 11.3.2

## CONTINUED

Industry, 2014	Establishments with Employees	Nonemployer Establishments	Annual Receipts (\$1,000)
Transit & ground passenger transportation	15	177	4,811
Scenic & sightseeing transportation	53	31	767
Support activities for transportation	18	29	1,416
Couriers & messengers	11	39	742
Warehousing & storage	4	5	213
<b>Information</b>	<b>61</b>	<b>160</b>	<b>4,932</b>
Publishing industries (except Internet)	22	35	948
Motion picture & sound recording industries	6	71	2,497
Broadcasting (except Internet)	7	9	194
Telecommunications	20	7	527
Data processing, hosting & related services	4	14	94
Other information services	2	24	672
<b>Finance &amp; Insurance</b>	<b>151</b>	<b>267</b>	<b>16,640</b>
Credit intermediation & related activities	87	13	479
Securities, commodity contracts, investments	22	94	8,878
Insurance carriers & related activities	42	160	7,283
<b>Real Estate &amp; Rental &amp; Leasing</b>	<b>331</b>	<b>1,891</b>	<b>166,870</b>
Real estate	245	1,801	161,037
Rental & leasing services	86	87	5,747
<b>Professional, Scientific, &amp; Technical Services</b>	<b>398</b>	<b>2,142</b>	<b>88,360</b>
<b>Management of Companies &amp; Enterprises</b>	<b>12</b>	<b>N</b>	<b>N</b>
<b>Administrative, Support &amp; Waste Management</b>	<b>277</b>	<b>1,708</b>	<b>48,042</b>
Administrative & support services	263	1,703	47,735
Waste management & remediation services	14	5	307
<b>Educational Services</b>	<b>71</b>	<b>333</b>	<b>7,451</b>
<b>Health Care &amp; Social Assistance</b>	<b>402</b>	<b>994</b>	<b>39,798</b>
Ambulatory health care services	294	701	31,686
Hospitals	2	N	N
Nursing & residential care facilities	16	38	1,108
Social assistance	90	255	7,004
<b>Arts, Entertainment, &amp; Recreation</b>	<b>123</b>	<b>1,306</b>	<b>54,116</b>
Performing arts, spectator sports, & related	46	1,059	30,204
Museums, historical sites, & similar institutions	10	5	40
Amusement, gambling, & recreation industries	67	242	23,872
<b>Accommodation &amp; Food Services</b>	<b>513</b>	<b>323</b>	<b>25,838</b>
Accommodation	90	98	7,192
Food services & drinking places	423	225	18,646
<b>Other Services (except Public Administration)</b>	<b>465</b>	<b>2,709</b>	<b>90,283</b>
Repair & maintenance	92	669	27,195
Personal & laundry services	96	1,945	61,398
Religious, grantmaking, civic, professional orgs	277	95	1,690
<b>Total for All Sectors</b>	<b>4,499</b>	<b>15,867</b>	<b>759,947</b>

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

SOURCE: U.S. CENSUS BUREAU, 2014 NONEMPLOYER STATISTICS.

### 11.3.3

## LARGEST COMPANIES AND NONPROFITS MAUI COUNTY

Company	State Rank		Sales (\$million)		Employees
	2015	2014	2014	2013	
Jim Falk Automotive Group	23	24	363.1	326.0	306
Hawaii Petroleum Inc.	48	76	186.8	104.8	218
Four Seasons Resort Maui at Wailea	56	55	152.6	150.0	650
Dorvin D. Leis Co., Inc.	81	84	96.9	83.1	395
VIP Foodservice	87	88	88.0	82.0	150
Maui Medical Group Inc.	149	NA	36.6	NA	259
Haleakala Solar Inc.	151	162	35.6	32.0	140
Hale Makua Health Services	158	161	33.1	32.9	392
Maui Land & Pineapple Co. Inc.	160	226	33.0	15.2	NA
Cheeseburger Restaurants	184	NA	27.0	NA	432
Maui Soda & Ice Works, Ltd.	204	NA	22.0	NA	72
Maui Clothing Co. Inc.	214	204	19.5	20.5	101
Maui Economic Opportunity Inc.	215	206	19.3	19.8	250
Wailea Golf LLC	238	239	13.9	13.4	85
CBIP Inc. (dba Coldwell Banker Island Properties)	244	NA	11.0	NA	10
Exceptional Inc dba Employers Options	245	247	9.9	8.5	1,014
Maui County Federal Credit Union	250	244	8.4	9.1	43

NA: Not available

SOURCE: "TOP 250," HAWAII BUSINESS, 2015.

### 11.3.4

## CHARACTERISTICS OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES, MAUI COUNTY

*Excludes most government employees, railroad employees, and self-employed persons*

Characteristic	2013		2014	
	Maui County	State	Maui County	State
Number of businesses	4,409	31,622	4,499	31,801
Employees	60,720	502,530	63,429	519,130
First quarter payroll (\$1,000)	531,523	4,871,307	559,911	5,101,194
Annual payroll (\$1,000)	2,162,184	19,881,066	2,299,529	20,847,140

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

11.3.5

**NUMBER OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES  
MAUI COUNTY AND STATE OF HAWAI'I**

Year	Maui County	State Total
1984	2,406	25,093
1985	2,528	25,742
1986	2,656	26,212
1987	2,867	27,281
1988	2,958	27,938
1989	3,096	28,443
1990	3,239	29,313
1991	3,367	29,736
1992	3,482	30,467
1993	3,502	30,157
1994	3,578	29,995
1995	3,639	29,942
1996	3,708	29,967
1997	3,766	29,995
1998	3,746	29,603
1999	3,790	29,569
2000	3,889	29,853
2001	3,955	30,853
2002	4,104	30,633
2003	4,203	31,061
2004	4,295	31,605
2005	4,422	32,244
2006	4,584	33,118
2007	4,663	33,388
2008	4,564	32,904
2009	4,450	32,372
2010	4,332	31,939
2011	4,314	31,472
2012	4,343	31,496
2013	4,409	31,622
2014	4,499	31,801

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

## 11.3.6

## SERVICE ESTABLISHMENTS WITH EMPLOYEES FOR PLACES WITH 3,000 INHABITANTS OR MORE, MAUI COUNTY

Geography, 2012	Number of Establishments	Revenue (\$1,000)	Number of Employees	Annual Payroll (\$1,000)
<b>Professional, Scientific, and Technical Services</b>				
Ha'ikū-Pa'uwela	24	4,635	24	892
Kahului	43	27,726	258	9,515
Kaunakakai	NA	NA	NA	NA
Kīhei	51	44,605	258	19,721
Kula	29	7,451	60	2,689
Lahaina	21	7,122	80	1,646
Lāna'i City	2	D	0-19	D
Makawao	13	3,568	25	987
Nāpili-Honokōwai	4	969	4	293
Pukalani	13	2,243	37	895
Waihe'e-Waiehū	1	D	0-19	D
Wailea	22	4,353	25	886
Wailuku	129	71,070	524	26,081
<b>Administrative, Support, and Waste Management</b>				
Ha'ikū-Pa'uwela	18	5,880	54	1,698
Kahului	53	97,251	2,052	56,866
Kaunakakai	3	1,439	11	143
Kīhei	41	28,642	307	11,969
Kula	11	7,564	109	2,542
Lahaina	20	46,539	969	27,982
Lāna'i City	4	D	20-99	D
Makawao	11	5,630	175	3,207
Nāpili-Honokōwai	8	4,747	56	1,721
Pukalani	9	D	100-249	D
Waihe'e-Waiehū	3	D	0-19	D
Wailea	12	9,449	57	1,086
Wailuku	48	70,854	746	20,474
<b>Educational Services</b>				
Ha'ikū-Pa'uwela	2	D	0-19	D
Kahului	10	2,106	39	738
Kaunakakai	NA	NA	NA	NA
Kīhei	9	2,332	45	682
Kula	1	D	0-19	D
Lahaina	5	4,154	31	1,214
Lāna'i City	NA	NA	NA	NA
Makawao	4	3,031	27	726
Nāpili-Honokōwai	NA	NA	NA	NA
Pukalani	3	139	3	37
Waihe'e-Waiehū	1	D	0-19	D
Wailea	3	D	20-99	D
Wailuku	3	D	0-19	D
<b>Health Care and Social Assistance</b>				
Ha'ikū-Pa'uwela	6	5,304	37	1,613
Kahului	96	170,232	1,533	76,084
Kaunakakai	19	23,794	265	9,780
Kīhei	42	31,997	307	13,593
Kula	13	D	20-99	D
Lahaina	24	20,704	194	8,802
Lāna'i City	9	4,605	45	1,954

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**11.3.6**  
**CONTINUED**

<b>Geography</b>	<b>Number of Establishments</b>	<b>Revenue (\$1,000)</b>	<b>Number of Employees</b>	<b>Annual Payroll (\$1,000)</b>
Makawao	16	D	20-99	D
Nāpili-Honokōwai	2	D	0-19	D
Pukalani	6	D	20-99	D
Waihe'e-Waiehū	1	D	0-19	D
Wailea	6	1,207	4	230
Wailuku	122	448,085	3,326	181,612
<b>Arts, Entertainment, and Recreation</b>				
Ha'ikū-Pa'uwela	9	3,486	39	1,100
Kahului	13	19,370	478	6,839
Kaunakakai	1	D	0-19	D
Kīhei	14	9,403	185	3,539
Kula	7	2,875	16	398
Lahaina	14	D	250-499	D
Lāna'i City	NA	NA	NA	NA
Makawao	3	1,123	28	326
Nāpili-Honokōwai	3	D	0-19	D
Pukalani	9	D	100-249	D
Waihe'e-Waiehū	NA	NA	NA	NA
Wailea	11	17,128	134	4,622
Wailuku	9	4,494	85	1,660
<b>Accommodation and Food Services</b>				
Ha'ikū-Pa'uwela	4	3,625	75	1,152
Kahului	84	123,307	1,703	31,165
Kaunakakai	8	D	100-249	D
Kīhei	91	136,593	1,622	35,137
Kula	5	4,945	82	1,297
Lahaina	93	343,924	3,748	105,653
Lāna'i City	9	D	500-999	D
Makawao	10	10,293	265	4,058
Nāpili-Honokōwai	3	D	0-19	D
Pukalani	7	7,026	123	1,310
Waihe'e-Waiehū	1	D	0-19	D
Wailea	31	554,353	4,349	161,090
Wailuku	47	28,023	438	7,098
<b>Other Services (except Public Administration)</b>				
Ha'ikū-Pa'uwela	7	1,400	21	465
Kahului	60	43,119	501	12,823
Kaunakakai	7	5,445	54	1,815
Kīhei	71	29,979	270	7,453
Kula	9	1,690	17	479
Lahaina	45	22,246	191	4,707
Lāna'i City	1	D	0-19	D
Makawao	5	D	0-19	D
Nāpili-Honokōwai	21	D	20-99	D
Pukalani	9	D	20-99	D
Waihe'e-Waiehū	3	D	20-99	D
Wailea	31	35,203	274	9,175
Wailuku	59	31,796	273	7,650

D: Withheld to avoid disclosing data for individual companies; data are included in higher level totals NA: Not available

SOURCE: U.S. CENSUS BUREAU, 2012 ECONOMIC CENSUS.

## 11.3.7

## SERVICE ESTABLISHMENTS WITH EMPLOYEES BY TYPE AND LOCATION, 2014

Establishment Type	Location	Number	Location	Number	Location	Number
<b>Professional, Scientific, &amp; Technical Services</b>	Ha'ikū	23	Lahaina	38	Ho'olehua	1
	Hāna	1	Makawao	34	Kaunakakai	2
	Kahului	49	Pā'ia	13	Lāna'i City	3
	Kīhei	76	Pukalani	1		
	Kula	28	Wailuku	127		
<b>Management of Companies</b>	Kahului	3	Lahaina	6	Wailuku	1
	Kīhei	2				
<b>Administrative &amp; Support</b>	Ha'ikū	18	Lahaina	44	Wailuku	48
	Kahului	44	Makawao	26	Kaunakakai	3
	Kīhei	60	Pā'ia	5	Lāna'i City	3
	Kula	10	Pu'unēnē	1		
<b>Waste Management &amp; Remediation</b>	Kahului	4	Pu'unēnē	4	Ho'olehua	1
	Kīhei	1	Wailuku	2	Maunaloa	1
	Makawao	1				
<b>Educational Services</b>	Ha'ikū	5	Kula	2	Wailuku	6
	Hāna	2	Lahaina	11	Kaunakakai	1
	Kahului	13	Makawao	10	Maunaloa	1
	Kīhei	17	Pā'ia	2	Lāna'i City	1
<b>Ambulatory Health Care</b>	Ha'ikū	6	Lahaina	28	Kaunakakai	10
	Hāna	2	Makawao	22	Kualapu'u	1
	Kahului	71	Pā'ia	1	Lāna'i City	3
	Kīhei	32	Pu'unēnē	1		
	Kula	13	Wailuku	103		
<b>Hospitals</b>	Wailuku	1	Kaunakakai	1		
<b>Nursing &amp; Residential Care</b>	Kahului	1	Makawao	3	Kaunakakai	2
	Kīhei	1	Wailuku	8	Lāna'i City	1
<b>Social Assistance</b>	Hāna	3	Makawao	5	Ho'olehua	3
	Kahului	13	Pā'ia	3	Kaunakakai	7
	Kīhei	10	Pu'unēnē	2	Kualapu'u	1
	Kula	2	Wailuku	27	Lāna'i City	5
	Lahaina	9				

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Establishment Type	Location	Number	Location	Number	Location	Number
<b>Performing Arts, Spectator Sports, &amp; Related</b>	Ha'ikū	5	Kīhei	13	Makawao	6
	Hāna	1	Kula	3	Pā'ia	2
	Kahului	2	Lahaina	11	Wailuku	3
<b>Museums, Historical Sites, &amp; Related</b>	Ha'ikū	1	Makawao	2	Kualapu'u	1
	Hāna	2	Pu'unēnē	1		
	Lahaina	1	Wailuku	2		
<b>Amusement, Gambling, &amp; Recreation</b>	Ha'ikū	4	Kula	4	Pā'ia	3
	Kahului	10	Lahaina	18	Wailuku	4
	Kīhei	15	Makawao	7	Kaunakakai	1
<b>Accommodation</b>	Ha'ikū	2	Kula	1	Kaunakakai	1
	Hāna	2	Lahaina	50	Maunaloa	1
	Kahului	3	Pā'ia	2	Lāna'i City	2
	Kīhei	23	Wailuku	3		
<b>Food Service &amp; Drinking</b>	Ha'ikū	6	Kula	5	Pukalani	2
	Hāna	2	Lahaina	123	Wailuku	59
	Kahului	74	Makawao	17	Kaunakakai	11
	Kīhei	102	Pā'ia	17	Lāna'i City	5
<b>Repair &amp; Maintenance</b>	Ha'ikū	2	Kula	4	Pu'unēnē	2
	Kahului	30	Lahaina	9	Wailuku	30
	Kīhei	9	Makawao	5	Ho'olehua	1
<b>Personal &amp; Laundry Services</b>	Ha'ikū	3	Kula	2	Pā'ia	2
	Kahului	21	Lahaina	25	Wailuku	16
	Kīhei	19	Makawao	7	Lāna'i City	1
<b>Religious, Civic, &amp; Professional Organizations</b>	Ha'ikū	7	Lahaina	77	Wailuku	45
	Hāna	2	Makawao	12	Ho'olehua	2
	Kahului	20	Pā'ia	3	Kaunakakai	9
	Kīhei	84	Pukalani	1	Maunaloa	2
	Kula	7	Pu'unēnē	2	Lāna'i City	3

SOURCE: U.S. CENSUS BUREAU, 2014 ZIP CODE BUSINESS PATTERNS.



## 11.3.8

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

NAICS	Industry	Employers	Sales (\$1,000)	Nonemployers	Sales (\$1,000)
11	Agriculture, Forestry, Fishing & Hunting	N	N	N	N
21	Mining	N	N	N	N
22	Utilities	13	Q	27	1,194
23	Construction	N	N	N	N
31-33	Manufacturing	99	D	365	14,968
42	Wholesale Trade	140	714,580	N	N
44-45	Retail Trade	758	D	1,202	71,555
48-49	Transportation & Warehousing	138	368,121	309	12,215
51	Information	69	N	174	5,769
52	Finance & Insurance	152	N	D	D
53	Real Estate & Rental & Leasing	306	454,401	1,770	137,232
54	Professional, Scientific, & Tech. Services	390	186,395	1,951	73,881
55	Management of Companies & Enterprises	N	N	N	N
56	Admin., Support & Waste Management	271	303,209	1,557	45,013
61	Educational Services	47	16,725	303	6,719
62	Health Care & Social Assistance	393	741,499	985	36,745
71	Arts, Entertainment, & Recreation	120	141,052	1,241	52,858
72	Accommodation & Food Services	499	2,307,504	343	28,394
81	Other Services (except Public Administration)	383	238,128	2,565	79,436
99	Industries not Classified	2	D	N	N

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

N: Not available or not comparable.

Q: Revenue not collected at this level of detail for multiestablishment firms

NAICS: North American Industry Classification System

Note: Statistics data files are released on a flow basis from March 2014 through June 2016. As such, these data are subject to change and will be replaced when updated data are added from more recent data files.

SOURCE: U.S. CENSUS BUREAU, 2012 ECONOMIC CENSUS, 2012 ECONOMIC CENSUS OF ISLAND AREAS, AND 2012 NONEMPLOYER STATISTICS.

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