
MAUI COUNTY DATA BOOK 2018

COUNTY OF MAUI
OFFICE OF ECONOMIC DEVELOPMENT

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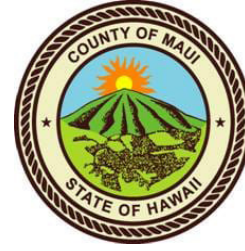
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The State of Hawai'i Data Book is available online through the State of Hawai'i Department of Business, Economic Development and Tourism. The tables are available at <http://dbedt.hawaii.gov/economic/databook>



OFFICE OF THE MAYOR

County of Maui
200 South High Street
Wailuku, Maui, Hawai'i 96793

A MESSAGE FROM MAYOR MICHAEL P. VICTORINO

Aloha kākou –

On behalf of the people of the County of Maui, I'm pleased to present the 2018 edition of the Maui County Data Book.

The Maui County Data Book provides the definitive statistical reference work on Maui Nui – Kaho'olawe, Lāna'i, Maui and Moloka'i. Its tables and statistics cover a broad spectrum of demographics and economic activity. The book presents facts and statistics needed to 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 2018 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 County of Maui. Together they provide the most up-to-date data that is critical to decision-making by both prospective and established businesses in our community.

As with earlier editions of the Maui County Data Book, the 2018 edition is available online at our Maui County website at:

www.mauicounty.gov/oed/links,

and at the Hawai'i Business Research Library's Website at:

www.hisbdc.org/BusinessResearchLibrary/MauiCountyDataBook.aspx.

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

Mahalo Nui Loa,

A handwritten signature in black ink that reads "Michael P. Victorino". The signature is written in a cursive, flowing style.

MICHAEL P. VICTORINO
Mayor, County of Maui

ABOUT THIS EDITION

We hope you find the 2018 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-seventh 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. In addition to the print version, the Data Book is also available online via the Internet (<http://www.hisbdc.org/BusinessResearchLibrary/MauiCountyDataBook2018.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

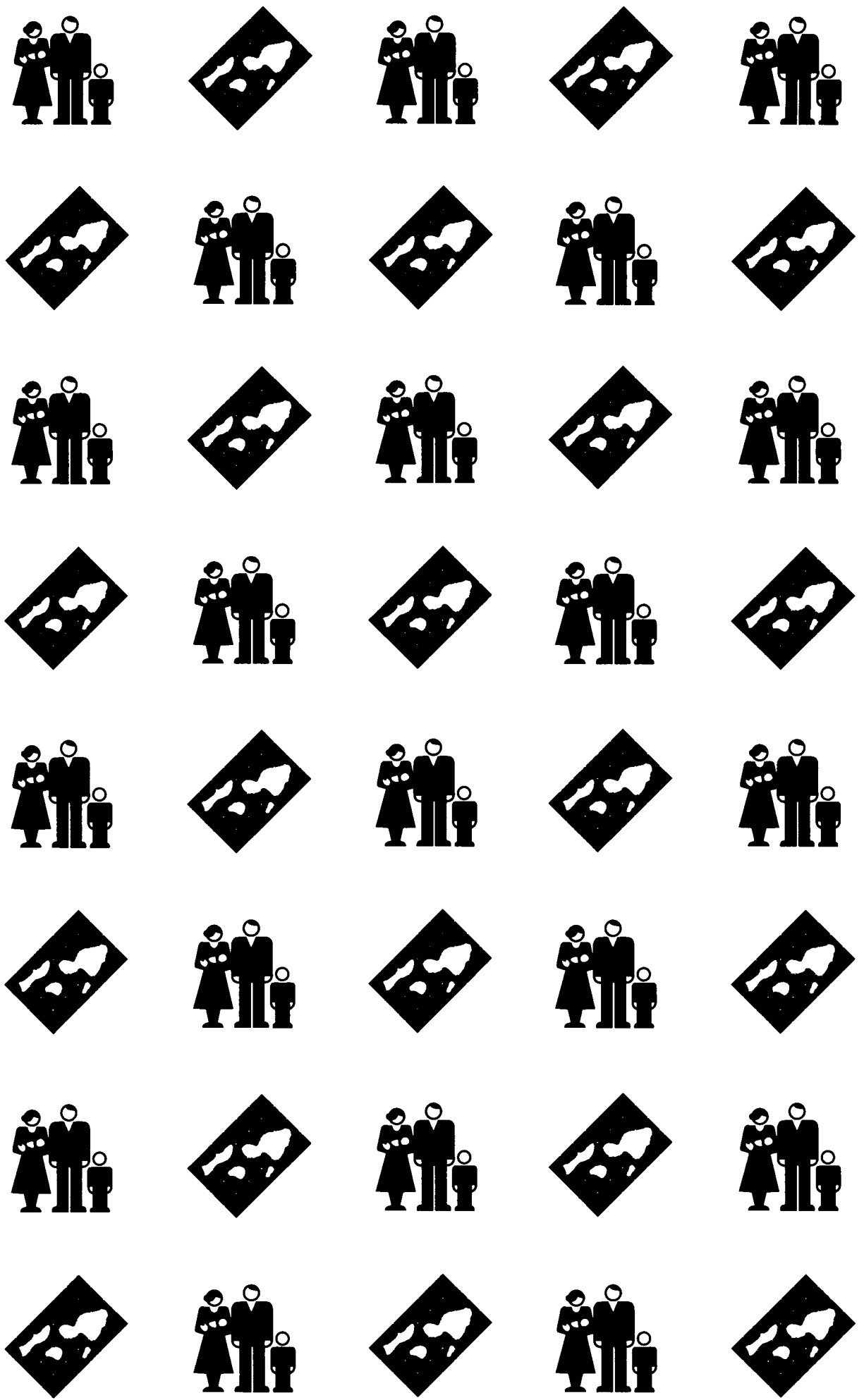
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General Statistics



Section 1

GENERAL STATISTICS

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.

“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.

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	2013	2014	2015	2016	2017	2018	% Change 17/18	% Change 13/18
Resident Population ¹	Number	July 1	161,016	163,064	164,042	165,624	166,403	167,207	0.5%	4.9%
Civilian Labor Force ²	Number	An. Avg.	79,900	82,300	83,750	85,700	86,600	86,150	1.1%	9.4%
Employed	Number	An. Avg.	75,750	78,550	80,650	83,050	84,350	84,050	1.6%	13.8%
Unemployed	Number	An. Avg.	4,150	3,700	3,100	2,650	2,250	2,100	-15.1%	-55.9%
Percent Unemployed	Percent	An. Avg.	5.2	4.5	3.7	3.1	2.6	2.4	-16.1%	-59.4%
Total Job Count ³	Number	An. Avg.	69,900	71,400	73,300	74,600	76,400	77,400	2.4%	12.4%
Gross Business Receipts	Mil. \$	Total	5,617.2	5,608.8	5,738.4	5,320.0	6,001.1	NA	12.8%	6.2%
State Tax Collections	Thous. \$	Total	385,233	366,718	404,645	410,826	464,600	NA	13.1%	24.0%
County Tax Collections ⁴	Thous. \$	Total	246,315	255,440	268,178	280,825	303,701	342,520	8.1%	27.2%
Tourism ⁵										
Estimated Domestic Visitors	Thous.	Total	1,959	2,005	2,116	2,172	2,269	2,304	4.5%	16.2%
Estimated International Visitors	Thous.	Total	443	445	463	462	473	483	2.4%	18.0%
Hotel Inventory	Number	An. Avg.	18,691	18,694	21,413	21,899	21,723	21,829	-0.8%	6.3%
Hotel Occupancy	Percent	An. Avg.	71.7	72.0	74.5	75.8	77.1	75.9	1.7%	6.5%
Single Family Home Sales	Number	Total	980	943	1,089	1,076	1,099	1,137	2.1%	17.8%
	Dollars	Median	530,000	570,000	580,000	636,750	695,000	710,000	9.1%	47.9%
Condominium Sales	Number	Total	1,334	1,199	1,199	1,310	1,451	1,654	10.8%	16.3%
	Dollars	Median	374,500	415,000	410,000	415,000	445,000	500,000	7.2%	24.0%
Household Income	Dollars	Median	65,558	67,013	66,476	68,777	72,762	NA	NA	NA
Per Capita Income ⁶	Dollars	Total	38,688	40,488	42,798	44,478	32,379	NA	NA	NA
Monthly Mortgage Payment	Dollars	Median	2,261	2,164	2,225	2,209	2,390	NA	NA	NA
Monthly Rent	Dollars	Median	1,292	1,238	1,418	1,254	1,421	NA	NA	NA
Private Building Permits	Thous. \$	Total	325,014	443,617	731,491	384,686	477,528	559,675	24.1%	30.1%

1. Revised estimates by the U.S. Census Bureau for 2013 to 2016.

2. Data for 2013 to 2017 reflect revised population controls and model reestimation.

3. Refers to number of jobs rather than number of persons employed (self-employed not counted in jobs count). 4. Fiscal year ending June 30.

5. Revised data for 2012 to 2016. Preliminary data for 2017. 6. Revised estimates. Includes Kalawao. In current dollars, not adjusted for inflation. NA: Not available

1.1.2

**CENSUS BUREAU QUICK FACTS
MAUI COUNTY & STATE OF HAWAI'I**

Category	Maui County	State of Hawai'i
Population		
Population estimates, July 1, 2018	167,207	1,420,491
Population, percent change, April 1, 2010 to July 1, 2018	8.0%	4.4%
Population, Census, April 1, 2010	154,834	1,360,301
Persons under 5 years, percent, July 1, 2017	6.0%	6.3%
Persons under 18 years, percent, July 1, 2017	21.8%	21.4%
Persons 65 years and over, percent, July 1, 2017	17.5%	17.8%
Female persons, percent, July 1, 2017	50.2%	49.8%
White alone, percent, July 1, 2017 ^(a)	34.8%	25.7%
Black or African American alone, percent, July 1, 2017 ^(a)	0.7%	2.2%
American Indian and Alaska Native alone, percent, July 1, 2017 ^(a)	0.6%	0.4%
Asian alone, percent, July 1, 2017 ^(a)	29.1%	37.8%
Native Hawaiian and Other Pacific Islander alone, percent, July 1, 2017 ^(a)	10.9%	10.2%
Two or more races, percent, July 1, 2017	23.8%	23.8%
Hispanic or Latino, percent, July 1, 2017 ^(b)	11.3%	10.5%
White alone, not Hispanic or Latino, percent, July 1, 2017	30.2%	21.9%
General		
Living in same house 1 year ago, pct of persons age 1 year+, 2013-2017	87.1%	86.1%
Foreign born persons, percent, 2013-2017	18.6%	18.1%
Language other than English spoken at home, percent age 5+, 2013-2017	22.4%	25.8%
High school graduate or higher, percent of persons age 25+, 2013-2017	92.1%	91.6%
Bachelor's degree or higher, percent of persons age 25+, 2013-2017	26.3%	32.0%
Veterans, 2013-2017	9,079	106,630
Mean travel time to work (minutes), workers age 16+, 2013-2017	21.2	27.4
Housing		
Housing units, July 1, 2018	73,775	546,213
Owner-occupied housing unit rate, 2013-2017	59.3%	58.1%
Median value of owner-occupied housing units, 2013-2017	\$569,100	\$563,900
Households, 2013-2017	54,381	455,502
Persons per household, 2013-2017	2.97	3.02
Per capita income in past 12 months (in 2017 dollars), 2013-2017	\$32,379	\$32,511
Median household income (in 2017 dollars), 2013-2017	\$72,762	\$74,923
Persons in poverty, percent ²	10.0%	9.5%

1.1.2

CONTINUED

Category	Maui County	State of Hawai'i
Business		
Total employer establishments, 2016	4,618	32,350 ¹
Total employment, 2016	64,146	528,415 ¹
Total employment, percent change, 2015-2016	3.5%	0.9% ¹
Total nonemployer establishments, 2016	16,792	108,308
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 (\$1,000)	D	D
Total merchant wholesaler sales, 2012 (\$1,000)	714,580	9,607,982
Total retail sales, 2012 (\$1,000)	D	18,901,745
Total retail sales per capita, 2012	NA	\$13,576
Total accommodation and food services sales, 2012 (\$1,000)	2,307,504	9,536,706
Building permits, 2018	838	4,178
Geography		
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.

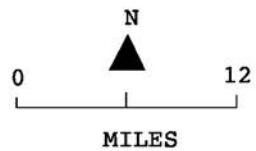
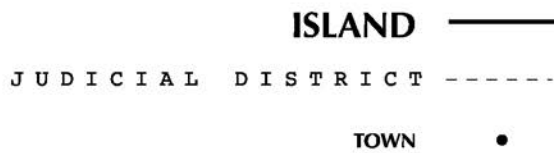
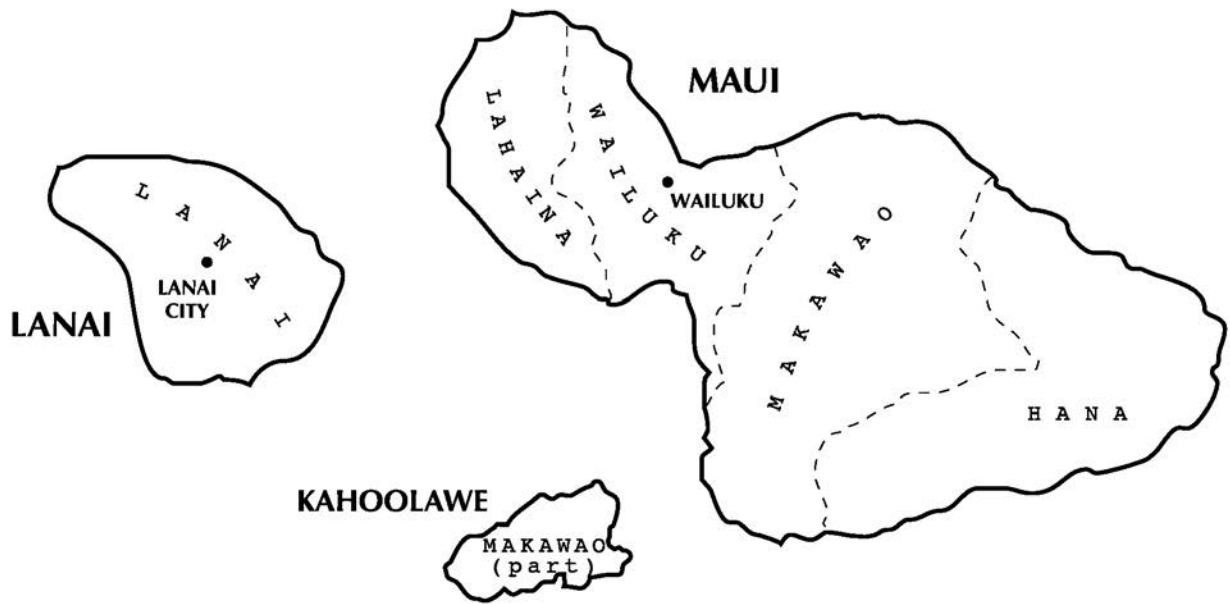
1.2.1

MAUI COUNTY AND DISTRICTS



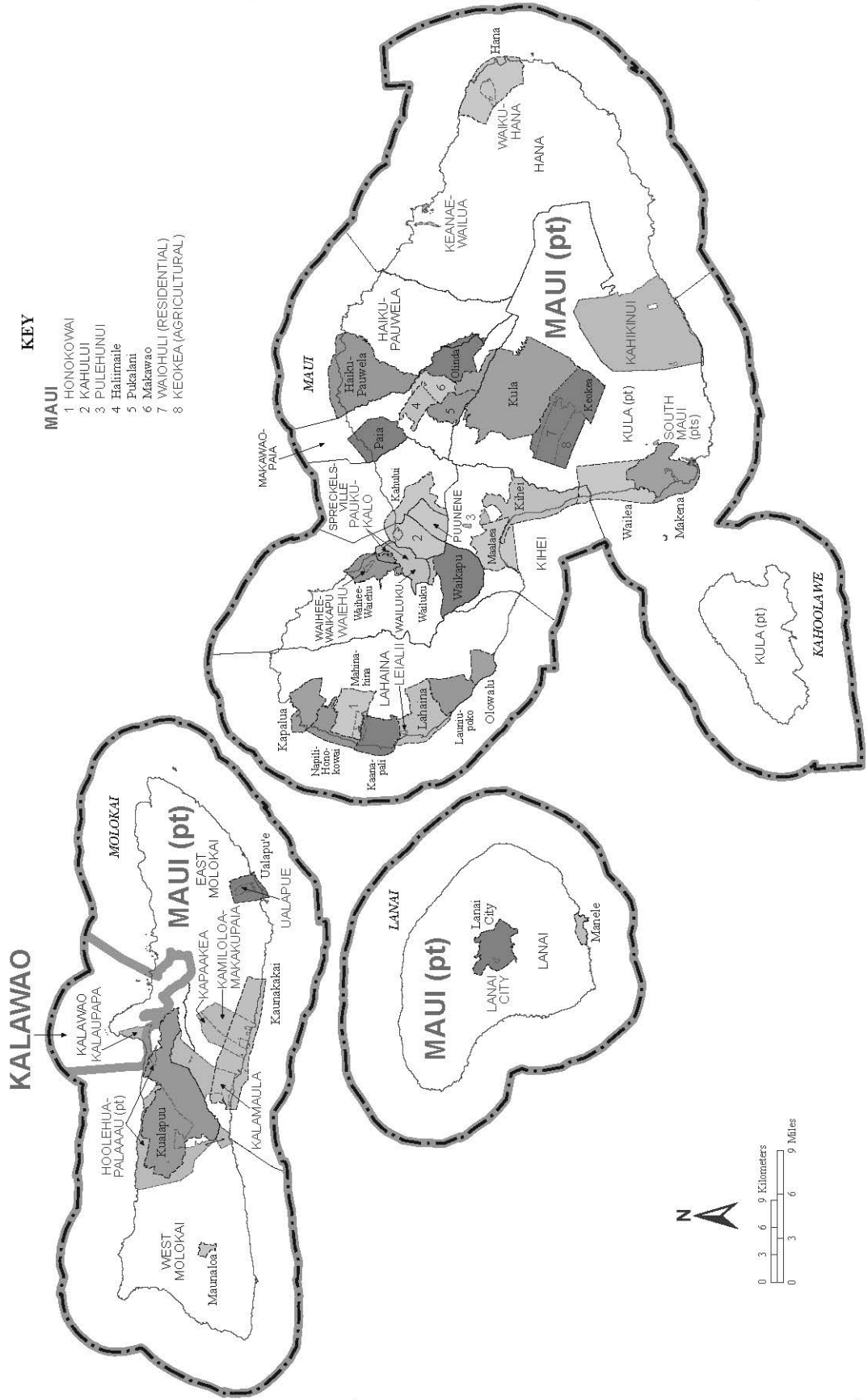
MOLOKAI

*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.

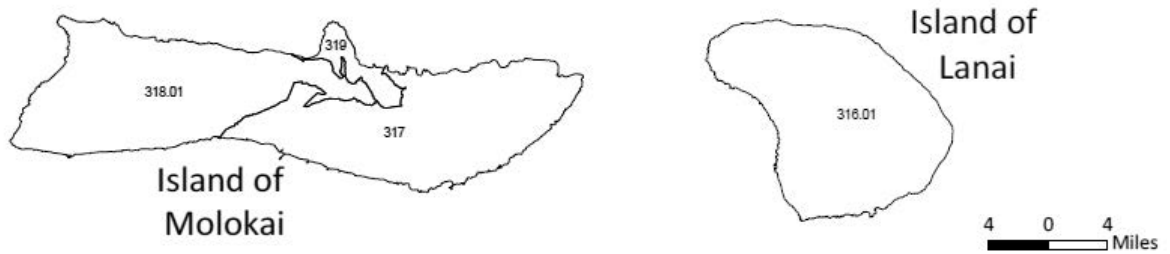
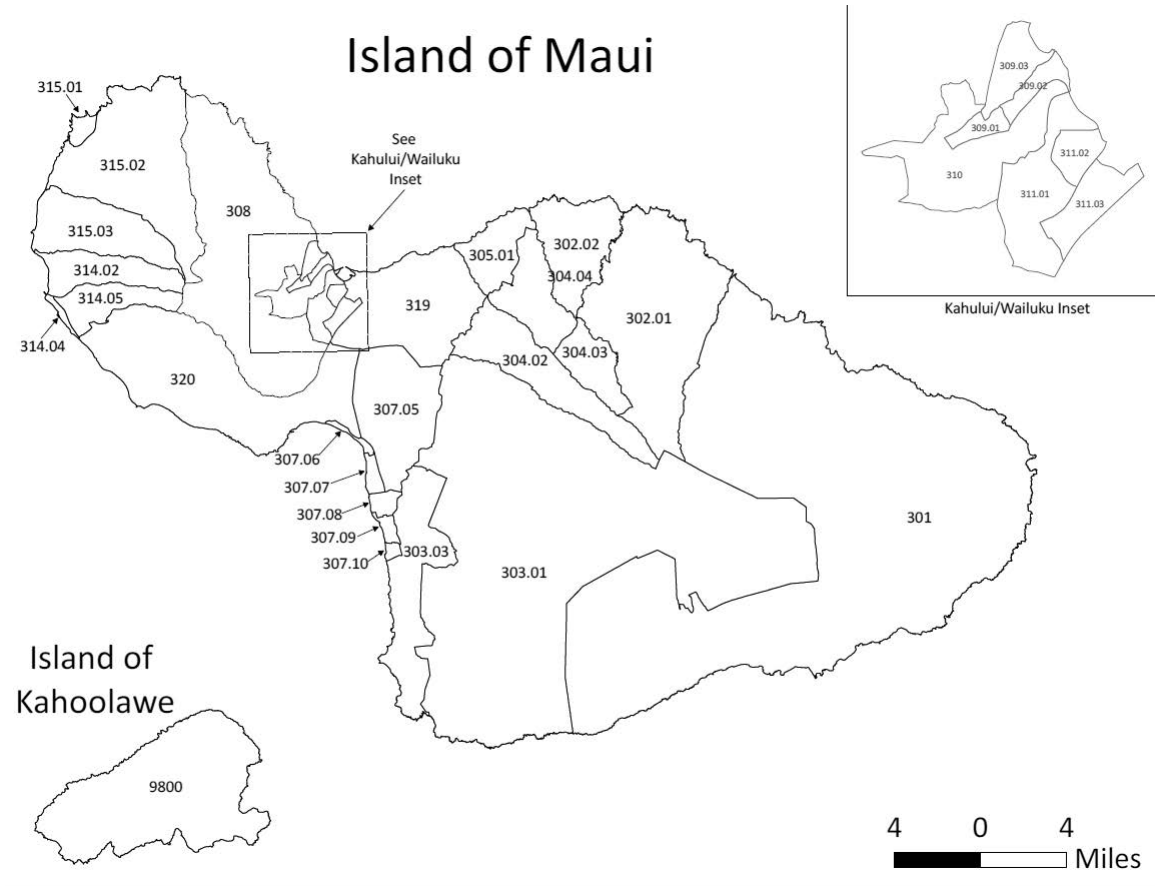
1.2.2 MAUI COUNTY SUBDIVISIONS AND PLACES



SOURCE: U.S. CENSUS BUREAU, 2010 CENSUS.

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 ¹	City & County of Honolulu	Hawai'i County	Kaua'i County	State Total
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 ²	128,241	876,156	148,677	58,463	1,211,537
July 1, 2001	132,428	882,755	151,690	59,075	1,225,948
July 1, 2002	134,583	890,473	154,576	59,981	1,239,613
July 1, 2003	137,596	894,311	158,442	60,805	1,251,154
July 1, 2004	140,625	907,997	162,852	62,095	1,273,569
July 1, 2005	143,448	918,181	168,237	62,863	1,292,729
July 1, 2006	145,776	926,954	173,536	63,465	1,309,731
July 1, 2007	148,117	925,335	177,733	64,490	1,315,675
July 1, 2008	151,424	933,680	181,506	65,603	1,332,213
July 1, 2009	153,393	943,177	183,629	66,518	1,346,717
April 1, 2010 ²	154,834	953,207	185,079	67,091	1,360,301
July 1, 2011 ³	156,911	967,287	187,066	67,898	1,379,252
July 1, 2012 ³	158,888	978,073	189,164	68,691	1,394,905
July 1, 2013 ³	161,016	986,222	191,466	69,660	1,408,453
July 1, 2014 ³	163,064	987,649	193,736	70,324	1,414,862
July 1, 2015 ³	164,042	991,339	195,941	71,074	1,422,484
July 1, 2016 ³	165,624	992,692	198,126	71,575	1,428,105
July 1, 2017 ³	166,403	986,429	199,503	71,780	1,424,203
July 1, 2018	167,207	980,080	200,983	72,133	1,420,491

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 after April 1, 2010 were based on revisions released in April 2019 and may differ somewhat from earlier figures cited in other tables.

SOURCE: U.S. CENSUS BUREAU, POPULATION DIVISION.

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 ¹	City & County of Honolulu	Hawai'i County	Kaua'i County	State Total
July 1, 1995	155,144	921,626	152,482	68,844	1,298,096
July 1, 1996	157,468	921,609	154,364	70,474	1,303,915
July 1, 1997	162,011	932,931	161,225	71,763	1,327,930
July 1, 1998	163,562	931,439	165,205	73,920	1,334,125
July 1, 1999	165,743	927,689	164,570	74,441	1,332,442
July 1, 2000	168,650	926,192	166,429	74,734	1,336,005
July 1, 2001	168,845	926,713	168,131	73,940	1,337,629
July 1, 2002	172,302	934,070	171,784	74,895	1,353,051
July 1, 2003	176,044	931,880	174,683	76,148	1,358,755
July 1, 2004	180,033	949,262	180,107	78,167	1,387,569
July 1, 2005	184,987	959,340	188,612	79,561	1,412,500
July 1, 2006	188,221	967,400	194,008	80,887	1,430,516
July 1, 2007	189,875	963,577	196,723	83,286	1,433,461
July 1, 2008	189,331	962,908	198,413	81,968	1,432,620
July 1, 2009	189,206	972,202	199,047	82,101	1,442,556
July 1, 2010 ²	194,698	988,275	202,396	83,180	1,468,549
July 1, 2011 ²	198,772	1,000,687	205,686	85,139	1,490,284
July 1, 2012	202,336	1,019,083	209,452	87,183	1,518,054
July 1, 2013	207,488	1,032,103	212,809	89,568	1,541,968
July 1, 2014	211,674	1,040,269	216,463	90,623	1,559,029
July 1, 2015	215,190	1,049,386	220,654	92,635	1,577,865
July 1, 2016	218,057	1,049,121	222,717	93,370	1,583,265
July 1, 2017	220,831	1,049,470	228,038	95,291	1,593,630

1. Including Kalawao County. The 2016 de facto population of Kalawao County, the Kalaupapa Settlement on Molokai, was 88.

2. Revised figures for July 1, 2010 through July 1, 2011.

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
State Total	1,108,229	1,211,537	1,360,301	9.3	12.3
Maui County	100,504	128,241	154,924	27.6	20.8
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
Lānaʻi	2,426	3,193	3,135	31.6	-1.8
Molokaʻi	6,587	7,257	7,255	10.2	0.0
Kalawao	130	147	90	13.1	-38.8
City and Co. of Honolulu	836,231	876,156	953,207	4.8	8.8
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
Waiʻanae	37,411	42,259	48,519	13.0	14.8
ʻEwa	230,189	272,328	323,118	18.3	18.7
Hawaiʻi County	120,317	148,677	185,079	23.6	24.5
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
Kaʻū	4,438	5,827	8,451	31.3	45.0
Kauaʻi County	51,177	58,463	67,091	14.2	14.8
Hanalei	4,631	6,348	7,828	37.1	23.3
Kawaihau	15,627	18,525	20,992	18.5	13.3
Līhuʻe	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
Maui		144,444	771.99	187.1
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
Lāna'i		3,135	141.07	22.2
316.01	Lāna'i City	3,135	141.07	22.2
Moloka'i		7,345	260.46	28.2
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
Maui		144,444	50,215	2.8
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
Lāna'i		3,135	1,158	2.7
316.01	Lāna'i City	3,135	1,158	2.7
Moloka'i		7,345	2,582	2.8
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
Maui Island	139,528	48,971	800	561	41,460	13,262	2,944	31,530
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
Moloka'i	6,253	838	25	18	1,087	1,657	20	2,608
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
Lāna'i	3,131	459	5	2	1,742	205	5	713
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 100 Females
		Under 18	18 to 24	25 to 44	45 to 64	65 and Over	Median Age		
Maui Island	154,834	23.1	7.5	27.0	29.6	12.8	39.6	100.4	
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

Place	Population	Percent of Total Population							Males per 100 Females
		Under 18	18 to 24	25 to 44	45 to 64	65 and Over	Median Age		
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	
Moloka'i									
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	
Lāna'i									
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**

2017	Estimate	Percent
Total Population	166,271	100.00%
One race	130,289	78.36%
Two or more races	35,982	21.64%
One Race	130,289	78.36%
White	58,195	35.00%
Black or African American	933	0.56%
American Indian and Alaska Native	278	0.17%
Asian	49,637	29.85%
Asian Indian	315	0.19%
Chinese	1,220	0.73%
Filipino	34,031	20.47%
Japanese	10,037	6.04%
Korean	1,078	0.65%
Vietnamese	107	0.06%
Other Asian	2,849	1.71%
Native Hawaiian and other Pacific Islander	18,392	11.06%
Native Hawaiian	N	N
Guamanian or Chamorro	N	N
Samoan	N	N
Other Pacific Islander	N	N
Some other race	2,854	1.72%
Hispanic or Latino (of Any Race)	18,841	11.33%
Mexican	4,914	2.96%
Puerto Rican	6,174	3.71%
Cuban	120	0.07%
Other Hispanic or Latino	7,633	4.59%
Two or More Races	35,982	21.64%
White and Black or African American	555	0.33%
White and American Indian and Alaska Native	1,451	0.87%
White and Asian	7,177	4.32%
Black or African American and American Indian and Alaska Native	0	0.00%

N: Data for this geographic area cannot be displayed because the number of sample cases is too small.

SOURCE: U.S. CENSUS BUREAU, 2017 AMERICAN COMMUNITY SURVEY 1-YEAR ESTIMATES.

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
7/1/2015 to 7/1/2016	1,933	1,329	604	798	-262	1,117
7/1/2016 to 7/1/2017	1,878	1,310	568	820	-501	876
7/1/2017 to 7/1/2018	1,850	1,358	492	639	-315	804

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, 2018.

1.3.10

**MARRIAGES BY RESIDENCY
MAUI COUNTY**

Residency	2012	2013	2014	2015²	2016²	2017	2018
One or both is a resident	903	890	975				
Both are non-residents	5,827	5,442	6,023				
One or both is a non-resident ¹				5,354	5,228	5,129	5,251
Both are residents				821	808	865	757
Total	6,730	6,332	6,998	6,175	6,036	5,994	6,008

1. The definition differs from previous non-resident marriage data.

2. Revised data for 2015 and 2016.

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

1.3.11

**MARRIAGES WHERE BOTH ARE NON-RESIDENTS
MAUI COUNTY**

	2012	2013	2014	2015¹	2016	2017	2018
January	317	319	359	297	317	299	323
February	407	360	412	355	336	338	302
March	436	426	439	381	356	370	363
April	508	514	537	431	454	428	475
May	659	581	667	679	605	548	616
June	522	467	571	451	479	446	499
July	436	454	490	438	404	473	390
August	499	433	492	448	429	394	521
September	530	587	607	536	550	530	548
October	643	520	661	592	548	569	531
November	425	427	416	408	400	379	359
December	445	354	372	338	350	355	324

1. 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

Zip Code	Location	2011	2012	2013	2014	2015	2016	2017
Maui Island								
96708	Ha'ikū	126	122	132	121	114	114	118
96713	Hāna	22	26	25	32	31	33	33
96732	Kahului	351	391	384	371	327	372	349
96753	Kīhei	330	282	292	254	237	258	262
96761	Lahaina	302	265	326	302	313	291	284
96768	Makawao/Pukalani	199	234	199	205	192	188	199
96779	Pā'ia	44	37	31	27	33	28	24
96788	Pukalani	14	9	8	n/r	n/r	n/r	n/r
96790	Kula	81	88	107	88	94	74	86
96793	Wailuku	395	399	411	425	395	387	399
Lāna'i								
96763	Lāna'i City	32	44	42	45	48	29	28
Moloka'i								
96729	Ho'olehua	14	24	16	11	15	20	18
96748	Kaunakakai	65	57	61	72	63	47	56
96757	Kualapu'u	8	11	12	6	14	18	12
96770	Maunaloa	n/r	15	9	11	10	9	n/r
	Unknown	7	n/r	n/r	n/r	7	11	6
Total		1,998	2,009	2,058	1,978	1,896	1,880	1,882

n/r: Not reportable, where number of births between 1 and 5.
Note: Revised data from 2011 to 2016.

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

1.3.13

**CHARACTERISTICS OF LIVE BIRTHS
MAUI COUNTY**

Characteristic	2015	Percent	2016	Percent	2017	Percent
Total	1,896	100%	1,880	100%	1,882	100%
Births by Area of Residence						
Maui County	1,896	100%	1,880	100.0%	1,882	100.1%
Maui	1,739	91.7%	1,746	92.9%	1,757	93.4%
Moloka'i	102	5.4%	94	5.0%	91	4.8%
Lāna'i	48	2.5%	29	1.5%	28	1.5%
Unknown	7	0.4%	11	0.6%	6	0.3%
Ethnicity of Child						
Black	24	1.3%	25	1.3%	23	1.2%
Caucasian	348	18.4%	339	18.0%	330	17.5%
Chinese	19	1.0%	23	1.2%	20	1.1%
Filipino	317	16.7%	323	17.2%	363	19.3%
Japanese	79	4.2%	86	4.6%	84	4.5%
Native Alaskan / American Indian	42	2.2%	38	2.0%	30	1.6%
Native Hawaiian	838	44.2%	818	43.5%	818	43.5%
Other	42	2.2%	43	2.3%	38	2.0%
Other Asian	30	1.6%	29	1.5%	37	2.0%
Other Pacific Islander	155	8.2%	156	8.3%	136	7.2%
Unknown	n/r	n/r	0	0.0%	n/r	n/r
Ethnicity of Mother						
Black	12	0.6%	18	1.0%	15	0.8%
Caucasian	499	26.3%	471	25.1%	476	25.3%
Chinese	25	1.3%	30	1.6%	20	1.1%
Filipino	360	19.0%	367	19.5%	405	21.5%
Japanese	95	5.0%	105	5.6%	88	4.7%
Native Alaskan / American Indian	36	1.9%	33	1.8%	36	1.9%
Native Hawaiian	624	32.9%	615	32.7%	610	32.4%
Other	46	2.4%	56	3.0%	53	2.8%
Other Asian	43	2.3%	26	1.4%	44	2.3%
Other Pacific Islander	154	8.1%	159	8.5%	132	7.0%
Unknown	n/r	n/r	0	0.0%	n/r	n/r

n/r: Not reportable, where number of births between 1 and 5.
Note: Revised data from 2015 to 2016.

SOURCE: HAWAII HEALTH DATA WAREHOUSE; HAWAII STATE DEPARTMENT OF HEALTH, OFFICE OF HEALTH STATUS MONITORING, VITAL STATISTICS.

1.3.14

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

Age Group (Years)	2010 ¹	2020	2025	2030	2035	2040	2045
0 - 4	9,989	10,161	10,588	10,955	11,388	11,751	12,033
5 - 9	9,845	10,706	10,609	11,037	11,405	11,840	12,203
10 - 14	9,842	10,525	11,048	10,953	11,381	11,749	12,184
15 - 19	9,430	9,536	10,171	10,695	10,601	11,030	11,399
20 - 24	8,394	9,303	9,844	10,479	11,003	10,911	11,341
25 - 29	10,199	10,315	10,666	11,208	11,843	12,367	12,280
30 - 34	10,460	10,621	11,217	11,571	12,113	12,748	13,274
35 - 39	10,297	11,744	10,970	11,565	11,922	12,465	13,100
40 - 44	11,098	11,221	12,016	11,251	11,848	12,208	12,752
45 - 49	11,826	10,539	11,374	12,169	11,419	12,017	12,382
50 - 54	12,324	11,062	10,554	11,391	12,186	11,458	12,058
55 - 59	11,635	11,907	11,141	10,661	11,498	12,294	11,595
60 - 64	9,893	11,945	11,635	10,923	10,478	11,316	12,113
65 - 69	6,830	10,873	11,404	11,141	10,491	10,087	10,922
70 - 74	4,414	9,245	10,279	10,817	10,605	10,025	9,668
75 - 79	3,260	5,761	8,402	9,384	9,927	9,782	9,299
80 - 84	2,772	3,365	4,982	7,298	8,205	8,748	8,684
85 +	2,706	3,932	4,676	6,451	9,525	12,245	14,250
Total	155,214	172,762	181,577	189,947	197,836	205,040	211,537

Share (%)	2010 ¹	2020	2025	2030	2035	2040	2045
0 - 4	6.4	5.9	5.8	5.8	5.8	5.7	5.7
5 - 9	6.3	6.2	5.8	5.8	5.8	5.8	5.8
10 - 14	6.3	6.1	6.1	5.8	5.8	5.7	5.8
15 - 19	6.1	5.5	5.6	5.6	5.4	5.4	5.4
20 - 24	5.4	5.4	5.4	5.5	5.6	5.3	5.4
25 - 29	6.6	6.0	5.9	5.9	6.0	6.0	5.8
30 - 34	6.7	6.1	6.2	6.1	6.1	6.2	6.3
35 - 39	6.6	6.8	6.0	6.1	6.0	6.1	6.2
40 - 44	7.2	6.5	6.6	5.9	6.0	6.0	6.0
45 - 49	7.6	6.1	6.3	6.4	5.8	5.9	5.9
50 - 54	7.9	6.4	5.8	6.0	6.2	5.6	5.7
55 - 59	7.5	6.9	6.1	5.6	5.8	6.0	5.5
60 - 64	6.4	6.9	6.4	5.8	5.3	5.5	5.7
65 - 69	4.4	6.3	6.3	5.9	5.3	4.9	5.2
70 - 74	2.8	5.4	5.7	5.7	5.4	4.9	4.6
75 - 79	2.1	3.3	4.6	4.9	5.0	4.8	4.4
80 - 84	1.8	1.9	2.7	3.8	4.1	4.3	4.1
85 +	1.7	2.3	2.6	3.4	4.8	6.0	6.7
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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 2045", JUNE 2018.

1.3.15

**ECONOMIC PROJECTIONS
MAUI COUNTY 2016 TO 2045**

	2016	2020	2025	2030	2035	2040	2045
Total Personal Income¹	6,921	7,650	8,680	9,830	11,100	12,490	14,050
Total Civilian Wage and Salary Jobs	77,400	80,550	84,390	88,150	91,560	94,750	98,000
Agriculture	1,710	1,700	1,700	1,700	1,700	1,700	1,700
Mining and construction	4,050	4,390	4,790	5,200	5,530	5,880	6,240
Food processing	590	580	580	580	570	570	560
Other manufacturing	590	590	600	600	600	600	600
Transportation	3,700	3,840	3,990	4,130	4,250	4,350	4,450
Information	560	560	550	550	550	560	560
Utilities	480	490	500	510	510	510	500
Wholesale trade	1,520	1,560	1,620	1,680	1,710	1,740	1,760
Retail trade	9,870	10,090	10,360	10,580	10,690	10,790	10,840
Finance and insurance	860	870	890	910	920	930	930
Real estate and rental	2,160	2,250	2,350	2,440	2,520	2,590	2,660
Professional services	1,530	1,630	1,750	1,880	1,990	2,080	2,180
Business services	5,590	5,970	6,460	6,910	7,380	7,790	8,230
Educational services	1,000	1,110	1,270	1,440	1,620	1,820	2,030
Health services	5,680	6,030	6,470	6,940	7,400	7,900	8,400
Arts and entertainment	2,230	2,290	2,370	2,430	2,480	2,500	2,530
Accommodation	11,980	12,190	12,410	12,640	12,820	12,960	13,110
Eating and drinking	9,820	10,430	11,210	11,990	12,780	13,530	14,340
Other services	3,550	3,650	3,780	3,870	3,940	3,980	4,000
Government	9,950	10,320	10,760	11,180	11,600	11,980	12,370
Visitor arrivals by air (1,000)	2,678	2,968	3,141	3,324	3,506	3,680	3,856
Visitor days, air visitors only (1,000)	21,954	24,722	26,344	28,157	29,996	31,788	33,677
Visitor expenditures ²	4,648	5,623	6,555	7,677	8,964	10,415	12,101
Occupied visitor units ³	19,486	20,825	22,252	23,783	25,337	26,777	28,446

Note: Projected values were rounded to the nearest ten.

1. In million 2012 dollars. Figures for 2016 are from the U.S. Bureau of Economic Analysis (BEA).

2. In million 2012 dollars. Honolulu CPI was used for 2012-2017 price adjustment while annual inflation for 2017-2045 was assumed at 2.2 percent.

3. Actual figures in 2017 instead of 2016. Occupied visitor units for 2017 were calculated by applying the countywide hotel occupancy rate in 2017 to total visitor inventory in the county including individually advertised vacation rental units, assuming that the occupancy rate of visitor inventories other than hotel had the same occupancy rate as hotels. There were 90,163 visitor plant inventories statewide in 2017 including individually advertised vacation rental units (Table 24, Visitor Plant Inventory Report, 2017), and the statewide hotel occupancy rate was 80 percent in 2017.

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 2045", JUNE 2018.

1.4.1

PERSONAL INCOME, TOTAL AND PER CAPITA BY COUNTY

Year	Maui County ¹	City & County of Honolulu	Hawai'i County	Kaua'i County	State Total
Total Personal Income, in \$1,000					
2003	3,981,918	31,215,818	3,949,433	1,705,040	40,852,209
2004	4,350,123	33,424,009	4,388,806	1,891,829	44,054,767
2005	4,709,925	35,767,141	4,855,304	2,027,093	47,359,463
2006	5,071,817	38,301,624	5,236,782	2,163,310	50,773,533
2007	5,383,571	40,245,095	5,584,327	2,307,250	53,520,243
2008	5,637,459	42,190,859	5,920,730	2,417,121	56,166,169
2009	5,350,898	42,616,645	5,710,062	2,335,793	56,013,398
2010	5,527,863	43,342,396	5,859,464	2,371,644	57,101,367
2011	5,863,040	45,446,147	6,126,912	2,486,235	59,922,334
2012	6,305,988	47,163,235	6,367,044	2,598,375	62,434,642
2013	6,317,802	47,883,947	6,450,962	2,702,376	63,355,087
2014	6,733,445	50,398,758	6,875,443	2,891,803	66,899,449
2015	7,164,176	52,693,399	7,402,010	3,063,820	70,323,405
2016	7,456,421	54,329,238	7,677,840	3,186,559	72,650,058
2017	7,856,029	56,083,760	8,053,011	3,362,332	75,355,132
Per Capita Income, in \$					
2003	28,939	34,905	24,927	28,041	32,652
2004	30,934	36,811	26,950	30,467	34,592
2005	32,834	38,954	28,860	32,246	36,635
2006	34,792	41,320	30,177	34,087	38,766
2007	36,347	43,492	31,420	35,777	40,679
2008	37,230	45,188	32,620	36,845	42,160
2009	34,884	45,184	31,096	35,115	41,593
2010	35,646	45,328	31,613	35,293	41,869
2011	37,361	47,021	32,756	36,653	43,475
2012	39,715	48,308	33,667	37,892	44,828
2013	39,218	48,577	33,672	38,813	44,995
2014	41,181	50,937	35,397	41,005	47,188
2015	43,557	53,027	37,623	42,918	49,304
2016	45,062	54,725	38,644	44,400	50,851
2017	47,226	56,728	40,188	46,596	52,787

Note: Revised estimates for 2003-2016. All dollar estimates are in current dollars (not adjusted for inflation).

1. Including Kalawao.

SOURCE: U.S. DEPARTMENT OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS, LOCAL AREA PERSONAL INCOME AND EMPLOYMENT, "CA1 PERSONAL INCOME SUMMARY: PERSONAL INCOME, POPULATION, PER CAPITA PERSONAL INCOME", Nov. 15, 2018.

1.4.2

**EARNINGS BY DETAILED INDUSTRY
MAUI COUNTY, 2017**

In thousands of dollars

Personal Income	7,856,029
Population (persons)	166,348
Per Capita Personal Income (dollars)	47,226
Earnings by Place of Work	5,428,383
Less: Contributions for government social insurance	614,498
Employee and self-employed contributions for government social insurance	336,981
Employer contributions for government social insurance	277,517
Plus: Adjustment for residence	29,764
Equals: Net earnings by place of residence	4,843,649
Plus: Dividends, interest, and rent	1,763,721
Plus: Personal current transfer receipts	1,248,659
Wages and Salaries	3,711,532
Supplements to Wages and Salaries	895,426
Employer contributions for employee pension and insurance funds	617,909
Employer contributions for government social insurance	277,517
Proprietors' Income	821,425
Farm proprietors' income	-261
Nonfarm proprietors' income	821,686
Farm Earnings	78,696
Nonfarm Earnings	5,349,687
Private Nonfarm Earnings	4,481,467
Forestry, fishing, and related activities	D
Mining	D
Utilities	71,568
Construction	509,397

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1.4.2

CONTINUED

Manufacturing	63,387
Durable goods manufacturing	32,206
Nondurable goods manufacturing	31,181
Wholesale trade	116,834
Retail trade	430,487
Transportation and warehousing	210,370
Information	64,204
Finance and insurance	66,164
Real estate and rental and leasing	237,621
Professional, scientific, and technical services	177,070
Management of companies and enterprises	25,632
Administrative, support, waste mgmt & remediation services	293,950
Educational services	65,253
Health care and social assistance	453,940
Arts, entertainment, and recreation	153,481
Accommodation and food services	1,250,662
Other services, except public administration	284,228
Government and Government Enterprises	868,220
Federal, civilian	81,049
Military	39,925
State and local	747,246
State government	503,241
Local government	244,005

Note: Includes Kalawao. All dollar estimates are in current dollars (not adjusted for inflation).

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, LOCAL AREA PERSONAL INCOME AND EMPLOYMENT, "CAINC5N PERSONAL INCOME BY MAJOR COMPONENT AND EARNINGS BY NAICS INDUSTRY", NOVEMBER 15, 2018.

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
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 ¹	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
2016	265.283	264.038	266.528	260.326	258.879	261.772
2017	272.014	270.738	273.290	267.115	265.787	268.444
2018	277.078	275.196	278.960	273.483	271.610	275.355

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 HAWAII' I RELATIVE TO WASHINGTON, D.C., BY COUNTY**

County	2016		2017		2018		2019	
	COLA Rates (%)	Locality Rates (%)	COLA Rates (%)	Locality Rates (%)	COLA Rates (%)	Locality Rates (%)	COLA Rates (%)	Locality Rates (%)
Honolulu	12.05	16.81	11.32	17.92	10.99	18.43	10.99	18.43
Hawaii' i	6.05	16.81	5.39	17.92	5.08	18.43	5.08	18.43
Kauai' i	12.05	16.81	11.32	17.92	10.99	18.43	10.99	18.43
Maui ¹	12.05	16.81	11.32	17.92	10.99	18.43	10.99	18.43

1. Including Kalawao County.
 Note: Employees in nonforeign areas, e.g. Hawaii' 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".

1.4.5

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

1982-1984 Average = 100 unless otherwise noted

Group	2014	2015	2016	2017	2018
All Items	257.589	260.165	265.283	272.014	277.078
Food and Beverages	256.023	267.041	272.051	277.301	281.796
Food	256.204	267.643	272.998	278.202	282.565
Food at home	260.591	267.011	267.579	273.253	273.914
Food away from home	247.703	262.972	273.003	277.624	285.602
Alcoholic beverages	250.982	255.672	254.162	260.376	267.326
Housing	273.499	276.047	283.565	294.510	300.679
Shelter	289.519	298.217	309.116	322.017	327.066
Rent of primary residence	287.813	295.635	303.583	313.704	319.242
Owners' equivalent rent	298.747	308.127	320.863	335.159	339.871
Fuels and Utilities	375.685	329.285	318.341	334.333	362.400
Household energy	334.996	267.540	243.208	263.579	295.374
Energy services*	330.151	262.786	238.477	259.124	290.309
Electricity	327.118	260.267	236.276	256.98	287.790
Utility (piped) gas service	331.538	267.090	235.752	252.444	286.182
Household Furnishings and Operations	151.278	149.060	148.734	146.275	146.797
Apparel	111.141	108.893	111.736	115.762	110.259
Transportation	236.373	216.756	211.645	217.646	227.694
Private transportation	237.308	212.590	203.453	213.267	224.967
Motor Fuel	317.398	229.138	198.214	227.755	265.785
Gasoline (all types)	326.302	235.085	203.309	233.622	272.733
Gasoline, unleaded regular	346.012	247.260	212.986	244.414	285.428
Gasoline, unleaded midgrade ¹	257.427	189.913	164.233	189.983	224.844
Gasoline, unleaded premium	287.258	209.894	183.356	212.037	246.398

CONTINUES ON THE NEXT PAGE

1.4.5

CONTINUED

Group	2014	2015	2016	2017	2018
Medical Care	351.763	378.876	400.408	407.384	NA
Recreation²	119.586	121.840	124.872	125.781	128.651
Education and Communication²	143.488	147.869	149.785	144.410	142.193
Other Goods and Services	457.958	478.634	484.820	488.990	497.228
Special Aggregate Indexes					
All items less shelter	244.165	243.833	246.306	250.295	255.550
All items less medical care	252.635	253.811	258.001	264.714	269.515
All items less energy	255.021	262.680	269.892	275.658	278.742
All items less food and energy	256.238	263.255	271.023	276.976	279.886
Commodities	201.057	197.792	197.263	201.985	204.871
Commodities less food	169.051	158.807	155.419	159.942	161.936
Commodities less food and beverage	165.695	154.989	151.538	155.984	157.835
Nondurables	234.514	230.105	230.373	236.927	242.000
Nondurables less food	212.561	193.935	189.629	197.834	203.537
Nondurables less food and beverage	210.020	189.890	185.364	193.66	199.273
Services	307.192	314.368	324.441	332.966	340.140
Services less rent of shelter ³	330.028	335.192	343.671	345.072	355.547
Services less medical care	302.124	307.041	316.432	325.378	332.290

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

NA: Not available

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 2017*

Facility	Licensed Beds	Inpatient Days	Admissions	Average Stay	Occupancy Rate
Medical/Surgical					
Lāna'i Community Hospital	4	11	4	2.8	0.75
Maui Memorial Medical Center	152	46,191	6,010	7.7	83.26
Critical Care					
Maui Memorial Medical Center	29	4,700	1,085	4.3	44.40
Obstetric					
Maui Memorial Medical Center	22	3,433	1,710	2.0	42.75
Moloka'i General Hospital	2	19	18	1.1	2.60
Psychiatric					
Maui Memorial Medical Center	11	2,649	539	4.9	65.98
SNF/ICF					
Hale Makua Kahului	254	78,923	421	187.5	85.13
Hale Makua Wailuku	90	28,544	43	663.8	86.89
Kula Hospital	105	22,265	82	271.5	58.10
Lāna'i Community Hospital	10	2,791	13	214.7	76.47
Acute/SNF Swing					
Kula Hospital	9	26	1	26.0	0.79
Moloka'i General Hospital	13	412	54	7.6	8.68
SNF/ICF ID					
Kula Hospital	9	2,676	9	297.3	81.46
Hansen's Disease					
Kalaupapa Care Home	5	735	18	40.8	40.27
Other: STF					
Ai Pono Maui	8	1,410	49	28.8	48.29
Aloha House, Inc.	48	12,866	1,069	12.0	73.44
Maui County Total	771	207,651	11,125	110.8	49.95

SNF: Skilled Nursing Facility. ICF: Intermediate Care Facility.
SNF/ICF ID: Facility providing skilled nursing care or intermediate care services for persons who have intellectual disabilities.
STF: Special Treatment Facility.

SOURCE: HAWAII STATE DEPARTMENT OF HEALTH, STATE HEALTH PLANNING AND DEVELOPMENT AGENCY, HEALTH CARE UTILIZATION REPORT 2017.

1.5.2

**ADULT RESIDENTIAL CARE HOMES
MAUI COUNTY**

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

Location	Facilities	Beds	Persons¹ age 65+	Beds / 1,000 persons age 65+
Type I (up to 5 beds)				
Kahului	4	6	4,182	5.98
Kīhei	1	5	3,225	1.55
Wailuku	4	10	3,425	5.84
Maui Island Total	9	21	18,148	2.76
Moloka'i	2	0	1,181	8.47
Lāna'i	0	0	474	0.00
Maui County Total	11	21	19,803	3.03
Hawai'i County	46	86	26,834	8.53
Kaua'i County	7	19	9,985	4.31
City and County of Honolulu	359	1,140	138,490	12.89
State Total	423	1,266	195,112	10.64
Type II (more than 5 beds)				
Maui Island	1	20	18,148	1.21
Moloka'i	0	0	1,181	0.00
Lāna'i	0	0	474	0.00
Maui County Total	1	20	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	36	380	138,490	3.70
State Total	37	400	195,112	2.74

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, NOVEMBER 2018.

1.5.3

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

	Acupuncturist	Chiropractor	Dental Hygienist	Dentist	Massage Therapist
Maui	86	67	109	94	1,296
Moloka'i	0	1	4	3	16
Lāna'i	0	0	0	1	24
O'ahu	301	195	588	811	3,556
Hawai'i	127	64	78	110	1,039
Kaua'i	41	26	40	47	556
State Subtotal	555	353	819	1,066	6,487
Mainland	182	123	203	336	882
Foreign/Other	5	3	0	11	53
Total	742	479	1,022	1,413	7,422

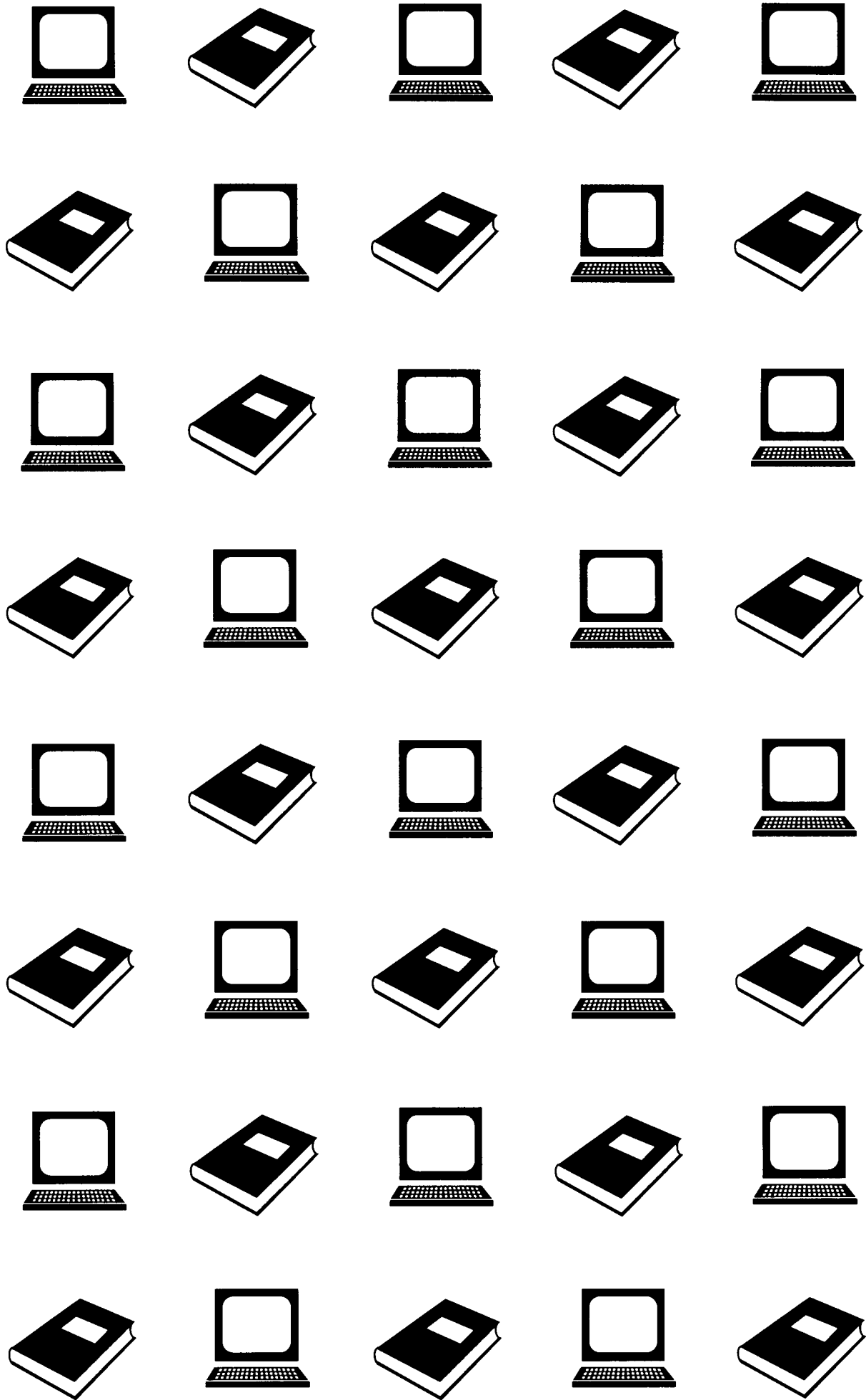
	Certified Physician's Assistant	Emergency Medical Tech.	Emergency Medical Tech. Paramedic	Physician or Surgeon ¹	Osteopathic Physician and Surgeon
Maui	39	79	43	404	32
Moloka'i	0	0	4	8	1
Lāna'i	0	0	0	1	1
O'ahu	172	411	303	3,539	237
Hawai'i	32	306	114	456	53
Kaua'i	9	45	24	176	20
State Subtotal	252	841	488	4,584	344
Mainland	87	11	55	4,038	578
Foreign/Other	0	0	0	40	0
Total	339	852	543	8,662	922

	Licensed Practical Nurse	Registered Nurse	Advanced Practice Registered Nurse	Occupational Therapist	Physical Therapist
Maui	311	1,513	72	44	122
Moloka'i	7	36	8	0	3
Lāna'i	0	23	2	0	0
O'ahu	1,073	11,831	845	293	704
Hawai'i	319	1,917	139	60	121
Kaua'i	142	739	52	23	63
State Subtotal	1,852	16,059	1,118	420	1,013
Mainland	484	9,159	388	307	607
Foreign/Other	4	84	5	5	7
Total	2,340	25,302	1,511	732	1,627

	Naturopath	Optometrist	Pharmacist	Podiatrist	Psychologist
Maui	18	44	117	4	56
Moloka'i	0	0	3	0	0
Lāna'i	0	0	0	0	1
O'ahu	30	293	1,049	32	615
Hawai'i	28	60	163	7	90
Kaua'i	9	23	68	1	30
State Subtotal	85	420	1,400	44	792
Mainland	25	307	1,115	40	313
Foreign/Other	0	5	4	1	5
Total	110	732	2,519	85	1,110

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 JULY 17, 2018.



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

Kīhei

Kamali'i Elementary K thru 5

Kīhei Elementary K thru 5

Kīhei Charter School K thru 12

Lokelani Intermediate 6 thru 8

Montessori Hale O Keiki PreK thru 8

Horizons Academy of Maui K thru 12

Lahaina

Kamehameha III Elementary K thru 5

Lahaina Intermediate 6 thru 8

Lahainaluna High 9 thru 12

Maui Preparatory Academy PreK thru 12

Nahi'ena'ena Elementary K thru 5

Sacred Hearts Elementary PreK to 8

Upcountry/North Shore

Carden Academy of Maui PreK thru 8

Clearview Christian Girls School 6 thru 12

Doris Todd Christian Academy PreK thru 8

Ha'ikū Elementary K thru 5

Haleakalā Waldorf EC thru 12

Kalama Intermediate 6 thru 8

Kamehameha School Maui K thru 12

King Kekaulike High 9 thru 12

Kula Elementary K thru 5

Makawao Elementary K thru 5

Maui Christian Academy 9 thru 12

Montessori School of Maui EC thru 8

Pā'ia Elementary K thru 5

Pukalani Elementary K thru 5

Roots School of Maui PreK thru 8

Seabury Hall 6 thru 12

Kahului/Wailuku

Emmanuel Lutheran PreK thru 8

Henry Perrine Baldwin High 9 thru 12

'Īao Intermediate 6 thru 8

Ka'ahumanu Hou Christian PreK thru 12

Kahului Elementary K thru 5

Lihikai Elementary K thru 5

Maui Adventist K thru 8

Maui High 9 thru 12

Maui Waena Intermediate 6 thru 8

Pomaika'i Elementary K thru 5

Pu'u Kukui Elementary K thru 5

St. Anthony Grade School K thru 6

St. Anthony Junior and Senior High 7 thru 12

Waihe'e Elementary K thru 5

Wailuku Elementary K thru 5

LĀNA'I

Lāna'i High and Elementary K thru 12

MOLOKA'I

Aka'ula School 5 thru 12

Ho'omana Hou School 9 thru 12

Kaunakakai Elementary K thru 6

Kilohana Elementary K thru 6

Kualapu'u Public Charter School PreK thru 6

Maunaloa Elementary K thru 6

Moloka'i High 9 thru 12

Moloka'i Middle 7 thru 8

Total: 53**Public: 31****Charter: 2****Private: 20**

EC: Early Childhood Education Program.

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

2.2

**BUDGET ALLOCATIONS FOR PUBLIC SCHOOLS
MAUI DISTRICT**

School	2015-2016	2016-2017	2017-2018	2018-2019
Elementary Schools				
Ha'ikū	426,901	518,325	424,361	292,054
Kahului	1,111,581	1,116,156	694,252	968,234
Kamali'i	214,429	323,408	232,322	136,082
Kamehameha III	966,667	1,054,167	686,120	661,812
Kaunakakai	402,794	292,651	374,597	492,859
KThei	292,397	663,210	631,529	320,229
Kilohana	113,572	173,317	179,279	157,443
Kula	540,702	522,146	284,071	373,543
Lihikai	1,095,115	970,837	919,870	1,043,587
Makawao	610,392	787,568	608,501	523,489
Maunaloa	99,276	73,887	195,090	188,440
Nahi'ena'ena	797,351	942,564	725,886	740,937
Pā'ia	389,970	305,615	380,576	478,422
Pomaika'i	367,183	394,308	389,881	465,211
Pukalani	282,501	501,738	136,029	242,413
Pu'u Kukui	490,184	478,418	357,617	249,078
Waihe'e	574,523	738,247	406,885	206,171
Wailuku	434,291	620,172	715,160	364,702
Intermediate Schools				
Īao	1,307,325	811,659	794,503	639,433
Kalama	620,376	774,225	448,498	714,528
Lahaina	517,071	792,977	474,986	717,759
Lokelani	587,009	481,466	264,285	282,027
Maui Waena	986,799	1,204,364	1,063,629	944,743
Moloka'i Middle	610,228	473,667	578,988	493,457
High Schools				
Baldwin	662,854	742,158	617,254	286,066
King Kekaulike	927,481	1,093,579	781,906	371,331
Lahainaluna	669,014	1,198,120	752,003	312,662
Maui	1,069,718	1,710,089	1,210,684	1,656,655
Moloka'i	296,857	370,025	484,501	274,351
Multi-Level Schools				
Hāna High & Elementary	761,539	1,060,259	979,225	547,342
Lāna'i High & Elementary	164,279	471,843	374,605	325,132
Total	\$18,390,379	\$21,661,165	\$17,167,093	\$15,470,192

Allocations do not include salaries.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION.

2.3

PUBLIC SCHOOLS ENROLLMENT BY GRADES MAUI DISTRICT

School	2013	2014	2015	2016	2017
Elementary Schools					
Ha'ikū	501	479	483	482	490
Kahului	1,064	983	954	949	964
Kamali'i	585	530	481	452	482
Kamehameha III	813	773	790	747	720
Kaunakakai	290	274	298	280	275
Kīthei	947	864	801	786	768
Kilohana	80	65	80	82	83
Kula	396	391	433	446	439
Lihikai	943	897	901	872	846
Makawao	550	527	541	536	541
Maunaloa	61	55	60	51	41
Nahi'ena'ena	761	724	720	711	717
Pā'ia	356	338	364	379	404
Pomaika'i	550	544	574	580	593
Pukalani	478	441	405	436	407
Pu'u Kukui	541	655	692	738	778
Waihe'e	775	742	752	740	685
Wailuku	740	704	694	669	686
Intermediate Schools					
Īao	886	889	918	904	953
Kalama	788	822	861	883	856
Lahaina	626	635	674	712	724
Lokelani	550	553	594	584	591
Maui Waena	1,095	1,109	1,143	1,183	1,176
Moloka'i Middle	209	197	179	168	199
High Schools					
Baldwin	1,538	1,467	1,398	1,361	1,361
King Kekaulike	1,017	1,086	1,043	1,085	1,088
Lahainaluna	1,028	1,014	964	1,007	1,020
Maui	1,908	1,931	1,906	1,941	1,950
Moloka'i	336	353	340	335	343
Multi-Level Schools					
Hāna High & Elementary	336	341	337	349	356
Lāna'i High & Elementary	582	567	557	562	569
Total	21,330	20,950	20,937	21,010	21,105

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION.

2.4

STUDENT PROFILES IN PUBLIC SCHOOLS MAUI DISTRICT, 2017-2018

School	Fall Enrollment	Students Enrolled for Entire Year	Receiving Free or Reduced Cost Lunch	Students in Special Education	Students w/ Limited English Proficiency
Elementary Schools					
Ha'ikū	490	89.7%	50.2%	8.3%	7.5%
Kahului	964	95.4%	56.3%	4.9%	23.4%
Kamali'i	482	93.1%	33.8%	6.8%	8.0%
Kamehameha III	720	95.8%	46.1%	6.9%	18.3%
Kaunakakai	275	97.0%	**	10.5%	3.6%
Kīhei	768	92.0%	54.9%	6.9%	16.4%
Kilohana	83	90.3%	**	*	*
Kula	439	96.5%	44.8%	8.4%	*
Lihikai	846	94.5%	64.0%	5.0%	25.4%
Makawao	541	95.9%	56.1%	9.6%	4.8%
Maunaloa	41	90.2%	**	*	*
Nahi'ena'ena	717	96.2%	52.8%	7.1%	20.7%
Pā'ia	404	96.0%	61.1%	5.6%	*
Pomaika'i	593	98.6%	24.9%	7.5%	2.1%
Pukalani	407	93.1%	53.0%	11.7%	4.1%
Pu'u Kukui	778	94.4%	38.0%	5.0%	5.9%
Waihe'e	685	97.0%	57.9%	6.1%	5.9%
Wailuku	686	93.4%	63.2%	7.8%	17.3%
Intermediate Schools					
Īao	953	96.6%	47.6%	11.9%	4.6%
Kalama	856	95.3%	55.1%	15.1%	1.2%
Lahaina	724	96.8%	51.2%	8.4%	10.9%
Lokelani	591	91.7%	47.3%	11.8%	5.9%
Maui Waena	1,176	97.0%	47.6%	9.0%	11.3%
Moloka'i Middle	199	96.4%	**	18.5%	*
High Schools					
Baldwin	1,361	95.7%	35.5%	10.6%	4.9%
King Kekaulike	1,088	94.2%	45.2%	13.9%	1.1%
Lahainaluna	1,020	92.7%	36.0%	9.8%	9.6%
Maui	1,950	95.2%	36.5%	9.7%	8.6%
Moloka'i	343	93.5%	**	14.5%	*
Multi-Level Schools					
Hāna High & Elem.	356	93.5%	**	11.7%	*
Lāna'i High & Elem.	569	96.3%	**	14.7%	13.3%
Total	21,105				

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

** School is participating in the Community Eligibility Provision.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2017-2018.

2.5

ETHNIC PROFILES IN PUBLIC SCHOOLS MAUI DISTRICT, 2017-2018

School	Chinese	Filipino	Hawaiian	Japanese	Portuguese	Hispanic	White	Other ¹
Elementary Schools								
Ha'ikū	0.0%	4.4%	20.2%	2.6%	2.8%	2.6%	53.5%	13.9%
Kahului	0.6%	53.8%	15.5%	4.5%	1.3%	2.6%	3.6%	18.1%
Kamali'i	0.6%	8.9%	8.7%	1.6%	1.0%	4.5%	66.1%	8.6%
Kamehameha III	0.9%	16.1%	12.0%	3.1%	0.6%	13.0%	38.8%	15.5%
Kaunakakai	0.7%	12.0%	73.8%	3.2%	0.7%	0.7%	6.1%	2.8%
KThei	0.1%	30.7%	16.2%	2.4%	0.7%	4.9%	32.6%	12.4%
Kilohana	0.0%	2.4%	84.3%	0.0%	0.0%	1.2%	8.4%	3.7%
Kula	1.3%	3.1%	28.7%	6.8%	5.6%	2.9%	43.9%	7.7%
Lihikai	0.3%	41.1%	20.4%	4.1%	3.5%	4.2%	4.0%	22.4%
Makawao	0.3%	8.6%	27.5%	4.4%	11.4%	3.6%	32.9%	11.3%
Maunaloa	2.4%	2.4%	82.9%	0.0%	0.0%	0.0%	5.8%	7.3%
Nahi'ena'ena	0.0%	50.9%	23.8%	0.9%	0.4%	5.7%	9.0%	9.3%
Pā'ia	0.9%	8.1%	61.6%	2.7%	5.4%	0.2%	13.6%	7.5%
Pomaika'i	1.3%	33.3%	11.1%	16.0%	3.8%	1.5%	25.8%	7.2%
Pukalani	1.7%	14.7%	27.0%	11.5%	8.1%	3.9%	24.3%	8.8%
Pu'u Kukui	1.2%	18.5%	20.0%	17.7%	3.4%	2.9%	22.2%	14.1%
Waihe'e	0.2%	27.7%	42.9%	5.6%	4.0%	0.7%	9.1%	9.8%
Wailuku	1.3%	19.2%	28.7%	7.7%	3.4%	2.6%	12.8%	24.3%
Intermediate Schools								
Īao	1.5%	23.0%	36.5%	8.3%	3.4%	3.5%	7.8%	16.0%
Kalama	0.8%	9.2%	39.8%	6.4%	4.4%	4.9%	26.1%	8.4%
Lahaina	0.4%	35.6%	21.5%	3.0%	0.1%	13.1%	16.5%	9.8%
Lokelani	0.5%	27.2%	16.5%	1.8%	0.8%	10.3%	31.3%	11.6%
Maui Waena	1.2%	48.2%	17.5%	7.1%	1.7%	4.3%	5.8%	14.2%
Moloka'i Middle	0.0%	10.0%	79.8%	2.5%	0.0%	0.0%	5.0%	2.7%
High Schools								
Baldwin	2.4%	26.0%	32.6%	9.6%	3.0%	3.6%	11.7%	11.1%
King Kekaulike	2.0%	10.6%	32.9%	5.9%	4.5%	5.1%	31.5%	7.5%
Lahainaluna	1.2%	36.1%	21.7%	3.2%	0.3%	13.5%	15.8%	8.2%
Maui	1.0%	49.8%	15.7%	5.1%	0.6%	4.5%	11.7%	11.6%
Molokai	0.0%	13.4%	80.4%	0.8%	0.0%	0.0%	2.3%	3.1%
Multi-Level Schools								
Hāna High & Elem.	0.0%	1.1%	76.4%	1.4%	0.0%	0.2%	16.2%	4.7%
Lāna'i High & Elem.	0.7%	53.0%	16.6%	2.6%	0.8%	2.4%	10.5%	13.4%

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 2017-2018.

2.6

**COMMUNITY PROFILES IN PUBLIC SCHOOLS
MAUI DISTRICT, 2017-2018**

School Community	Population	% of Population Aged 5-19	Median Age	Number of Family Households	Median Household Income
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 2017-2018.

2.7

COMMUNITY EDUCATION ATTAINMENT LEVEL IN PUBLIC SCHOOLS, MAUI DISTRICT

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 2017-2018.

2.8

SCHOOL COMPLETION IN PUBLIC SCHOOLS MAUI DISTRICT, 2017-2018

School	Total Completers ¹	Diploma Graduates	Individual Program	School Dropouts ²
High Schools				
Baldwin	96.0%	94.5%	1.5%	14.9%
King Kekaulike	97.7%	96.1%	1.5%	12.6%
Lahainaluna	95.0%	94.6%	0.4%	16.3%
Maui	98.2%	95.2%	3.0%	12.4%
Moloka'i	95.2%	94.1%	1.1%	10.8%
Multi-Level Schools				
Hāna High & Elem.	94.4%	88.8%	5.5%	*
Lāna'i High and Elem.	100.0%	95.1%	4.8%	*

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 2017-2018.

2.9

TEACHING STAFF PROFILES IN PUBLIC SCHOOLS MAUI DISTRICT, 2017-2018

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
Elementary Schools						
Ha'ikū	32	15	13	11.6	16.6	8.2
Kahului	65	30	25	8.3	18.3	4.3
Kamali'i	31	17	13	10.6	17.9	5.5
Kamehameha III	47	28	20	10.6	17.1	8.3
Kaunakakai	21	14	7	16.4	15.3	5.8
Kīhei	55	30	18	9.4	16.6	5.8
Kilohana	7	5	1	10.1	12.6	7.0
Kula	30	16	11	12.6	16.0	7.4
Lihikai	56	38	13	16.3	17.0	5.3
Makawao	38	26	8	15.7	16.8	6.5
Maunaloa	6	4	4	9.9	6.6	8.0
Nahi'ena'ena	49	26	21	9.4	16.6	6.3
Pā'ia	23	10	5	11.4	20.5	5.7
Pomaika'i	39	23	11	11.2	16.6	7.5
Pukalani	30	11	10	8.8	16.3	6.0
Pu'u Kukui	46	13	19	12.6	18.9	5.5
Waihe'e	49	30	19	14.0	15.6	6.0
Wailuku	49	30	19	13.0	15.8	6.0
Intermediate Schools						
Īao	59	25	19	10.6	16.4	14.2
Kalama	65	32	28	12.5	13.6	10.8
Lahaina	44	21	21	9.2	19.5	8.7
Lokelani	40	18	15	11.2	15.3	11.6
Maui Waena	70	39	23	12.2	18.1	10.6
Moloka'i Middle	14	8	3	15.9	14.7	12.3
High Schools						
Baldwin	77	46	38	13.4	19.0	13.1
King Kekaulike	70	40	40	11.4	16.7	10.8
Lahainaluna	63	36	16	10.6	17.6	10.0
Maui	117	63	52	11.7	18.1	10.0
Moloka'i	24	17	9	14.7	14.6	12.5
Multi-Level Schools						
Hāna High & Elem.	30	21	13	12.5	13.6	7.0
Lāna'i High & Elem.	44	17	13	10.4	14.6	8.4
Total	1,390	749	527			

SOURCE: HAWAII'S STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2017-2018.

2.10

SUBJECT PROFICIENCIES IN PUBLIC SCHOOLS MAUI DISTRICT, 2017-2018

School	Grade	% Proficient Reading	% Proficient Math	% Proficient Science ¹
Elementary Schools				
Ha'ikū	4	53%	43%	69%
Kahului	4	51%	52%	57%
Kamali'i	4	78%	68%	86%
Kamehameha III	4	66%	58%	60%
Kaunakakai	4	38%	32%	49%
Kīhei	4	38%	32%	41%
Kilohana	4	50%	36%	67%
Kula	4	64%	61%	84%
Lihikai	4	58%	57%	55%
Makawao	4	57%	52%	67%
Maunaloa	4	NA	NA	NA
Nahi'ena'ena	4	36%	26%	41%
Pā'ia	4	50%	23%	55%
Pomaika'i	4	57%	47%	71%
Pukalani	4	58%	58%	85%
Pu'u Kukui	4	29%	29%	32%
Waihe'e	4	29%	29%	32%
Wailuku	4	27%	31%	36%
State Average	4	51%	47%	56%
Intermediate Schools				
Īao	8	44%	28%	29%
Kalama	8	49%	38%	51%
Lahaina	8	47%	24%	30%
Lokelani	8	61%	49%	59%
Maui Waena	8	44%	31%	46%
Moloka'i Middle	8	34%	18%	15%
State Average	8	55%	38%	44%
High Schools				
Baldwin	11	58%	29%	26%
King Kekaulike	11	67%	35%	45%
Lahainaluna	11	36%	18%	16%
Maui	11	59%	29%	34%
Moloka'i	11	49%	15%	16%
State Average	11	60%	32%	35%
Multi-Level Schools				
Hāna High & Elem.	11	44%	12%	15%
Lāna'i High & Elem.	11	50%	14%	7%
State Average	11	60%	32%	35%

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 2017-2018.

**PRIVATE SCHOOLS CHARACTERISTICS
MAUI COUNTY, 2015-2016**

School	Classroom Teachers (FTE)	Student Teacher Ratio	American				Native Hawaiian/Pacific Islander			Two or more races
			Indian/Alaskan	Native	Black	Hispanic	White	Islander	more races	
Aka'ula School	2.6	14.2	0	0	0	4	4	29	0	
Clearview Christian Girl's School	1.0	4.0	0	0	0	0	2	2	0	
Doris Todd Christian Academy	15.9	9.6	4	22	2	6	78	25	16	
Emmanuel Lutheran	10.1	13.8	2	36	2	11	38	19	31	
Hoomana Hou	1.0	5.0	0	0	0	0	0	5	0	
Kamehameha Schools Maui	80.6	12.8	0	0	0	0	0	1,032	0	
Maui Adventist School	2.0	11.0	0	9	0	2	3	0	8	
Maui Preparatory Academy	18.6	10.1	4	17	0	5	105	8	48	
Montessori Hale O Keiki	10.6	4.5	0	0	0	1	30	11	6	
Roots School	5.6	8.4	0	3	0	1	33	3	7	
Sacred Hearts Elementary	11.9	14.8	0	26	1	15	118	10	6	
Seabury Hall	45.6	10.0	2	10	2	8	230	83	122	
St. Anthony Grade School	9.0	13.9	0	32	0	3	50	38	2	
St. Anthony Junior & Senior High	16.0	8.9	0	8	1	4	34	0	96	

SOURCE: NATIONAL CENTER FOR EDUCATIONAL STATISTICS (NCES).

2.12

**PRIVATE SCHOOLS TUITION
MAUI COUNTY**

School	Tuition Fees \$
Carden Academy of Maui	10,750 - 13,750
Doris Todd Christian Academy	6,873 - 7,280
Emmanuel Lutheran	6,700 - 7,600
Haleakalā Waldorf	10,900 - 17,430
Horizons Academy of Maui	27,600
Kaahumanu Hou Christian	4,200 - 5,000
Kamehameha Schools Maui	4,528 - 5,570
Maui Adventist	6,500 - 6,700
Maui Preparatory Academy	7,450 - 18,958
Montessori Hale O Keiki	11,300 - 13,080
Montessori School of Maui	14,075 - 16,370
ROOTS School of Maui	850 per month
Sacred Hearts Elementary	5,850 - 8,250
Seabury Hall	20,700
St. Anthony Grade School/ Jr. & Sr. High	6,500 - 14,200

SOURCE: HONOLULU MAGAZINE AND HAWAII' ASSOCIATION OF INDEPENDENT SCHOOLS (HAIS), 2019 HAWAII' PRIVATE SCHOOL GUIDE.

2.13

**PRIVATE SCHOOLS ENROLLMENT BY GRADES
MAUI COUNTY, 2017-2018**

School	EC*	PreK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total
Aka'ula School	0	0	0	0	0	0	0	4	3	5	6	5	6	0	1	30
Carden Academy of Maui	0	12	16	12	16	16	18	18	18	18	11	0	0	0	0	155
Doris Todd Memorial Christian	0	29	20	13	12	17	15	17	20	14	10	2	6	3	4	182
Emmanuel Lutheran	0	0	22	19	20	11	15	12	16	14	5	0	0	0	0	134
Haleakalā Waldorf	20	28	40	21	24	24	28	20	22	21	24	14	11	11	17	325
Ho'omana Hou School	0	0	0	0	0	0	0	0	0	0	0	5	4	3	3	15
Horizons Academy of Maui	0	0	0	0	0	0	0	0	2	0	0	2	1	0	1	6
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	0	0	2	3	1	2	3	1	0	0	0	0	12
Maui Preparatory Academy	0	39	9	14	11	11	15	16	15	11	18	17	22	20	12	230
Montessori Hale O Keiki	0	24	6	4	6	6	6	3	3	2	6	0	0	0	0	66
Montessori School of Maui	12	87	30	28	25	24	23	23	12	5	6	0	0	0	0	275
ROOTS School of Maui	0	18	10	10	7	5	3	4	8	4	1	0	0	0	0	70
Sacred Hearts School	0	38	20	25	21	15	23	17	24	19	14	0	0	0	0	216
Seabury Hall	0	0	0	0	0	0	0	0	47	48	45	82	81	74	77	454
St. Anthony	0	48	20	20	20	20	20	20	35	32	22	27	16	12	25	337
Total	32	383	241	211	206	199	221	205	339	310	280	277	271	249	263	3,687

* Early Childhood Education Program.

SOURCE: HAWAII ASSOCIATION OF INDEPENDENT SCHOOLS, PRIVATE SCHOOL ENROLLMENT REPORT 2017-2018.

2.14

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

As of June 30	2014	2015	2016	2017
Library Locations ¹	8	8	8	8
Personnel	42	45	46	47
Circulation, year ending June 30	642,008	607,218	590,069	583,622
Collections				
Books	392,194	383,446	344,539	337,953
Periodical Subscriptions	631	684	237	697
DVDs and Videotapes	23,829	25,540	26,874	27,787
Sound Recordings	19,812	18,231	16,435	16,473

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**

Year	Number of volumes June 30¹	Circulation Year ended June 30	Number of electronic titles²	Number of electronic full-text items retrieved
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
2015	62,592	12,913	25	17,008
2016	55,857	*9,466	25	*156,860
2017	55,320	7,216	50	125,449

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

2. Electronic titles include books, journals, databases. Since 2015, titles purchased by the library outside of consortium purchases. NA: Not available * Revised data

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)

	2014	2015	2016	2017	2018
Total	660	575	594	668	638
General	272	256	288	307	315
Hawaiian Studies (Associate)	10	12	11	13	11
Liberal Arts (Associate)	261	243	277	291	298
Natural Sciences (Associate of Science)	1	1	0	3	6
Career & Technical Education	388	319	306	361	323
Business Education	110	78	66	67	92
Certificate of Achievement	42	16	19	23	25
Associate of Applied Science	59	57	45	37	53
Bachelor of Applied Science	9	5	2	7	14
Food Services	73	44	49	62	40
Certificate of Achievement	25	8	21	28	20
Associate of Applied Science	48	36	28	34	20
Health Services	116	106	73	83	78
Certificate of Achievement	55	50	25	37	39
Associate of Science	61	56	48	46	39
Public Services	33	39	50	46	34
Certificate of Achievement	15	15	17	19	14
Associate of Science	12	16	21	20	14
Associate of Applied Science	6	8	12	7	6
Technology	56	52	68	103	79
Certificate of Achievement	18	16	14	49	36
Associate of Science	4	11	12	10	8
Associate of Applied Science	30	19	25	34	27
Associate in Technical Studies	0	4	2	1	0
Bachelor of Applied Science	4	2	15	9	8

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, FALL 2018

Maui County	Total Graduates	UH System	Mānoa	Hilo	West O'ahu	Maui College	Other Campuses
Public Schools	1,434	366	43	10	0	287	26
Baldwin	316	70	15	0	0	52	3
Hāna	17	5	0	0	0	5	0
Kīhei Charter School	34	10	1	0	0	9	0
King Kekaulike	257	68	7	3	0	54	4
Lahainaluna	232	51	7	4	0	36	4
Lāna'i	41	10	2	0	0	3	5
Maui	456	133	9	2	0	117	5
Moloka'i	81	19	2	1	0	11	5
Private Schools	251	45	14	1	0	28	2
Aka'ula	3	0	0	0	0	0	0
Haleakala Waldorf	9	0	0	0	0	0	0
Ho'omana Hou	3	0	0	0	0	0	0
Ka'ahumanu Hou	2	0	0	0	0	0	0
Kamehameha Maui	114	33	8	1	0	24	0
Maui Christian Academy	4	1	0	0	0	0	1
Maui Preparatory	14	2	1	0	0	1	0
Saint Anthony	25	5	3	0	0	1	1
Seabury Hall	77	4	2	0	0	2	0

SOURCE: UNIVERSITY OF HAWAI'I, INSTITUTIONAL RESEARCH AND ANALYSIS OFFICE, HIGH SCHOOL BACKGROUND OF FIRST-TIME STUDENTS, FALL 2018.

2.18

ENROLLMENT PROJECTIONS UNIVERSITY OF HAWAI'I MAUI COLLEGE

	Historic	Projections					
	2018	2019	2020	2021	2022	2023	2024
Total	3,092	2,966	2,931	2,923	2,931	2,937	2,945
Status							
Full-time	999	958	947	944	947	949	952
Part-time	2,093	2,008	1,984	1,979	1,984	1,988	1,993
Degree Type							
Gen. & Pre-Prof. Ed	1,316	1,250	1,230	1,226	1,231	1,235	1,239
Career & Technical Ed	1,075	1,025	1,003	994	992	993	995
Unclassified	129	129	131	132	132	134	135
Specials	401	387	395	398	402	401	402
Home-based at Other UH Campus	171	174	172	173	174	174	174

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

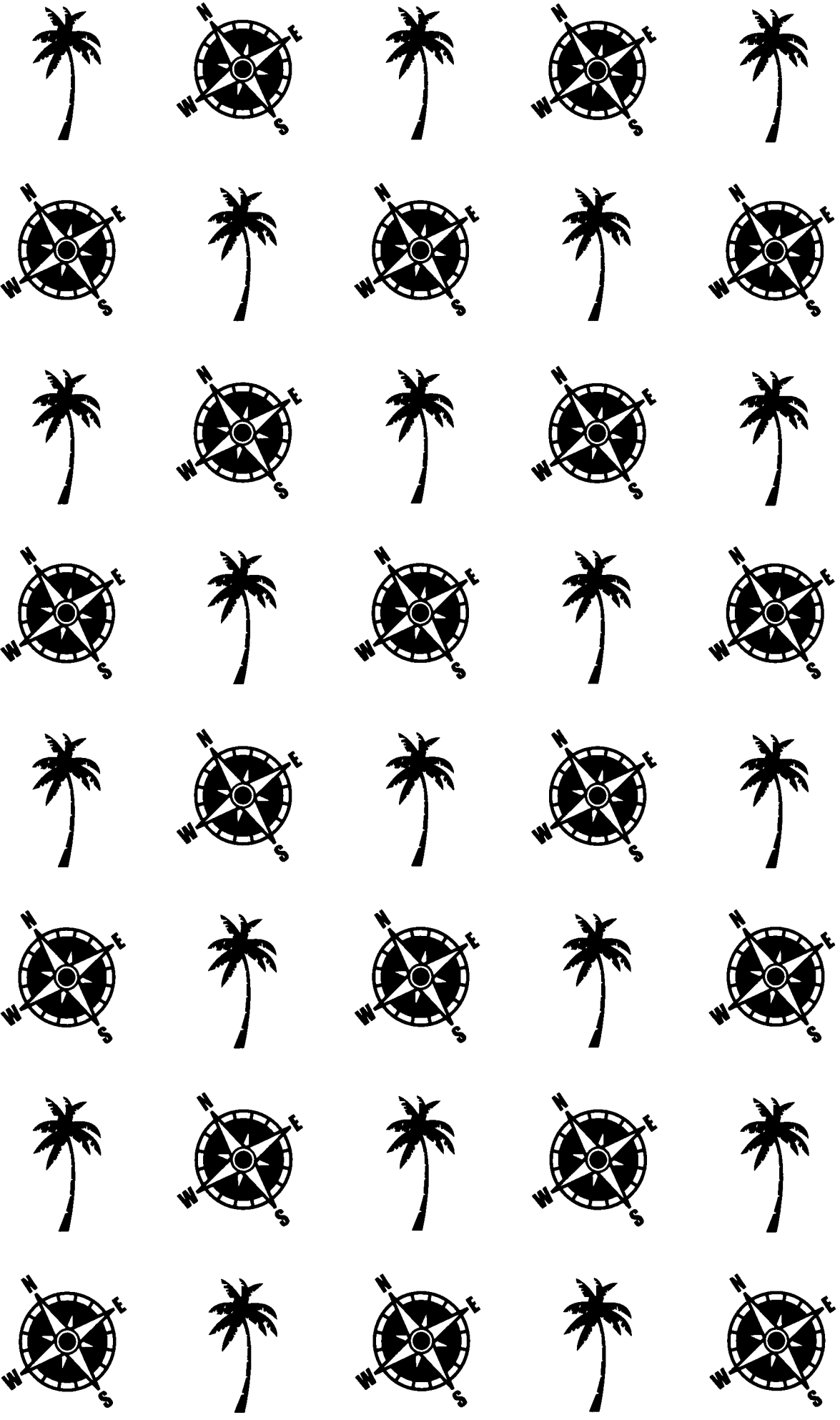
2.19

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

Fall Semester	Students Enrolled		
	Total	Full-time	Part-time
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
2016	3,342	1,167	2,175
2017	3,302	1,178	2,124
2018	3,092	999	2,093

	Number of Employees		
	2016	2017	2018
Board of Regents Appointees	309	322	316
Faculty	233	244	237
Professor	13	12	10
Associate Professor	17	23	22
Assistant Professor	26	22	22
Instructor	31	33	32
Lecturer	122	127	121
Other	24	27	30
Support Staff	68	70	72
Executive Staff	8	8	7
Civil Service Staff	54	57	54
Total Employees	363	379	370

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 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 ¹	
	Total	Land ²	Inland Water ³	Total	Land
State Total	6,468.2	6,422.63	45.6	4,139,667	4,110,483
Counties⁴					
Hawai'i	4,029.4	4,028.42	1.0	2,578,829	2,578,189
Maui	1,170.9	1,161.52	9.4	749,389	743,373
Kalawao	13.0	11.99	1.0	8,314	7,674
Honolulu ⁵	624.9	600.74	24.2	399,962	384,474
Kaua'i ⁵	630.0	619.96	10.0	403,174	396,774
Islands⁴					
Hawai'i	4,029.4	4,028.42	1.0	2,578,829	2,578,189
Maui	777.9	771.99	5.9	497,850	494,074
Molokini ⁶	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 2015 AND THE HAWAII STATE DATA CENTER, AND UNPUBLISHED RECORDS.

3.1.2

GENERAL COASTLINE AND TIDAL SHORELINE BY COUNTY AND ISLAND

	General Coastline ¹		Tidal Shoreline ²	
	Statute Miles	Kilometers ³	Statute Miles	Kilometers ³
State Total	750	1,207	1,052	1,693
Counties				
Hawai'i	266	428	313	504
Maui and Kalawao	210	338	343	552
Honolulu	137	220	234	377
Kaua'i	137	220	162	261
Islands⁴				
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
Northwestern Hawaiian Islands⁵				
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)
Maui			
Honokōhau	1,120	500	26.6
Waihi'umalu	400	150	NA
Waimoku	40	50	37.1
Moloka'i			
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; HAWAI'I STATE DEPARTMENT OF LAND AND NATURAL RESOURCES, DIVISION OF WATER AND LAND DEVELOPMENT, RECORDS, AND HAWAI'I STATE DEPARTMENT OF PLANNING AND ECONOMIC DEVELOPMENT, HAWAI'I, THE NATURAL ENVIRONMENT(1974), P.18.

3.1.4

ELEVATIONS OF MAJOR SUMMITS

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

Island and Summit	Feet	Meters	
Hawai'i	Mauna Ke'a ¹	13,796	4,205
	Mauna Loa ²	13,679	4,169
	Hualālai	8,271	2,521
	Ka'unu o Kaleihoohe	5,480	1,670
	Kīlauea (Uwēkahuna)	4,093	1,248
	Kīlauea (Halema'uma'u Rim)	3,660	1,116
Kaho'olawe	Pu'u 'O Moa'ula Nui	1,483	452
	Pu'u Moa'ula Iki	1,434	437
Maui	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
Lāna'i	Lāna'ihale	3,366	1,026
Moloka'i	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
O'ahu	Ka'ala	4,003	1,220
	Pu'u Kalena	3,504	1,068
	Kōnahuanui	3,150	960
	Tantalus	2,013	614
	Olomana	1,643	501
	Koko Crater (Kohēlepelepe)	1,208	368
	Nu'uuanu Pali Lookout	1,186	361
	Diamond Head	760	232
	Koko Head	642	196
Punchbowl	500	152	

CONTINUES ON THE NEXT PAGE

3.1.4

CONTINUED

Island and Summit		Feet	Meters
Kaua'i	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
Ni'ihau	Paniau	1,250	381
Lehua		699	213
Ka'ula		548	167
Nihoa	Millers Peak	903	275
Necker Island	Summit Hill	276	84
French Frigate Shoal	La Perouse Pinnacles	120	37
Gardner Pinnacles		190	58
Maro Reef		Awash	Awash
Laysan Island		40	12
Lisianski Island		40	12
Pearl and Hermes Atoll		10	3
Midway Islands		12	4
Kure Atoll		20	6

1. According to the 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 ¹	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	1380.0	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'uuka'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**

TEMPERATURE	Station	Elevation (feet)	Annual Average		Warmest Month		Coollest Month		Record High		Record Low		
			High	Low	High	Low	High	Low	°F	Date	°F	Date	
	Haleakalā Ranger Station	6,962	57.5	51.0	66.2	48.8	59.6	42.3	80	10/06/73	27	02/26/65	
	Hāna Airport	75	77.2	71.0	82.9	71.6	77.7	64.4	94	11/03/79	50	02/19/58	
	Kahului Airport	51	79.7	71.8	88.0	71.4	80.7	63.0	97	08/22/15	48	01/20/69	
	Kailua (NE Maui, Inland)	700	72.2	65.9	77.9	65.9	72.7	59.2	90	08/30/47	44	03/16/09	
	Kapalua Airport	240	78.9	72.0	85.7	72.0	78.2	65.8	98	04/20/05	58	12/31/14	
	Kula Hospital	3,030	66.5	59.9	75.2	57.8	68.1	51.7	91	06/19/35	38	01/22/97	
	Molokaʻi Airport	443	78.5	70.2	85.6	71.1	77.6	62.9	93	08/18/18	15	01/23/19	
	Lānaʻi Airport	1,300	75.1	67.8	83.5	66.7	76.0	59.7	93	07/02/04	42	01/10/93	
PRECIPITATION	Station	Annual Avg Inches	Days Precip ≥ 0.01 in.	Wettest Year		Driest Year		Wettest Month		Driest Month		1 Day Record	
				Inches	Year	Inches	Year	Inches	Month	Inches	Month	Inches	Date
	Haleakalā Ranger Station	49.74	140	121.16	1980	17.71	1962	7.65	Mar	1.38	Jun	18.50	01/09/80
	Hāna Airport	79.23	269	126.23	1965	48.36	2001	8.99	Mar	4.31	Jun	19.45	03/30/07
	Kahului Airport	17.83	91	40.63	1989	5.04	2012	3.35	Dec	0.20	Jun	6.40	12/20/17
	Kailua (NE Maui, Inland)	107.89	282	216.65	1914	75.27	1933	11.35	Mar	6.82	Jun	15.20	11/15/65
	Kapalua Airport	29.01	158	48.43	2004	18.92	2000	4.58	Dec	0.91	Sept	8.14	03/24/06
	Kula Hospital	30.76	88	70.72	1968	11.59	1998	3.93	Dec	1.48	Aug	9.01	12/20/55
	Molokaʻi Airport	24.68	111	50.34	2004	7.15	2012	4.29	Dec	0.48	Jun	9.03	02/12/89
	Lānaʻi Airport	15.59	67	47.66	1951	5.28	1999	2.47	Jan	0.44	Jul	10.45	11/10/55

Note: 1981-2010 Climate Normals.

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, 2018**

Rainfall'	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
Maui													
Ha'ikū	2.17	3.94	3.52	8.85	5.72	3.12	4.30	13.84	7.56	8.60	5.92	6.52	74.06
Haleakalā Ranger Station	0.49	7.54	2.83	8.05	1.44	0.49	1.56	15.37	7.46	2.22	NA	NA	47.45
Hāna Airport	2.79	9.51	12.86	10.58	7.33	1.74	4.99	15.71	7.83	15.24	10.57	4.06	103.21
Kahului Airport	0.27	5.58	2.20	4.49	1.19	0.01	0.27	2.35	1.97	1.82	1.43	0.54	22.12
Kailua (NE Maui)	2.49	9.39	7.42	11.38	11.33	3.80	3.91	19.50	7.24	2.57	1.68	6.84	94.14
Kapalua Airport	1.23	5.16	1.85	8.06	1.20	1.18	1.66	4.04	7.91	2.44	0.91	3.07	38.71
Kula Branch Station	2.34	8.90	3.05	5.38	1.62	0.04	0.48	6.51	3.50	2.41	0.40	0.03	34.66
Makena Golf Course	0.00	4.91	1.22	2.98	1.98	0.20	1.17	1.83	1.94	1.97	0.10	0.15	20.15
'Ohe'o	3.92	5.85	5.31	7.04	2.87	3.04	4.05	6.08	4.93	12.78	3.44	3.23	62.54
Pa'akea	4.78	8.06	NA	8.41	19.44	9.18	21.22	36.72	21.37	NA	0.44	6.27	158.82
Pukalani	0.24	4.63	1.59	5.09	2.45	0.55	2.10	5.49	1.61	3.61	4.14	6.16	37.66
'Ulupalakua Ranch	0.08	6.36	2.23	7.46	2.25	0.67	2.68	3.91	5.30	4.56	0.59	0.09	37.58
Waihe'e Valley	0.72	6.88	4.56	11.10	6.03	0.30	1.48	6.67	4.58	11.45	4.84	4.50	63.13
Wailuku	0.18	2.17	4.24	14.57	2.85	0.07	1.01	4.14	4.67	5.45	4.87	3.04	47.26
Moloka'i													
Maunaloa	0.77	8.33	1.43	1.29	1.50	1.00	0.61	3.52	6.99	5.57	0.89	0.66	37.37
Moloka'i Airport	0.00	2.96	1.10	3.59	0.71	0.19	0.56	1.42	3.86	4.27	1.09	1.37	21.12
Kaunakakai	0.00	4.45	1.24	3.41	0.15	0.00	0.21	0.91	3.04	1.62	0.00	0.17	15.20

3.1.7

CONTINUED

Temperature ^{1,2}	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
Maui													
Haleakalā Ranger Station	54.1	51.1	51.5	54.2	55.6	57.4	57.3	59.3	59.1	56.5	NA	NA	55.6
Hāna Airport	72.2	71.9	71.5	74.2	75.0	76.2	77.6	77.9	78.1	77.3	75.3	73.9	75.1
Kahului Airport	72.2	73.1	72.8	75.6	74.6	77.7	80.6	81.1	81.2	80.6	77.6	75.5	76.9
Kailua (NE Maui)	67.4	67.2	66.7	70.0	70.3	71.8	73.4	73.4	73.7	72.7	69.6	68.1	70.4
Kapalua Airport	72.6	73.0	72.6	74.8	75.6	78.0	79.8	79.6	78.7	78.4	76.2	74.5	76.2
Kula Branch Station	61.0	61.3	61.2	63.4	64.1	65.5	67.2	67.8	67.7	66.8	64.2	62.5	64.4
Kula Hospital	59.3	60.9	60.2	63.0	63.1	64.3	66.1	66.9	66.5	65.4	62.5	60.6	63.2
Makana Golf Course	72.0	72.2	72.2	74.6	75.0	76.9	78.1	78.5	79.4	77.5	75.5	73.0	75.4
'Ohe'o	72.7	73.4	74.8	NA	82.0	81.5	82.4	84.5	79.5	78.1	77.0	75.4	78.3
Moloka'i													
Moloka'i Airport	70.0	71.7	72.2	75.3	76.6	79.4	81.6	81.6	80.1	79.5	76.6	73.3	76.5

1. Individual months not used for annual or monthly statistics if more than 5 days are missing.

2. 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					
	2014	2015	2016	2017	2018
Maui					
Ha'ikū	51.19	52.28	56.14	62.50	74.06
Haleakalā Ranger Station	60.64	64.78	58.41	47.64	47.45
Hāna Airport	76.85	71.25	89.81	60.57	103.21
Kahului Airport	23.25	29.26	19.00	26.10	22.12
Kailua (NE Maui)	100.52	113.42	107.94	68.31	94.14
Kapalua Airport	36.91	32.99	30.98	35.36	38.71
Kula Branch Station	39.26	39.86	26.88	31.06	34.66
Makena Golf Course	29.82	6.79	16.72	19.01	20.15
'Ohe'o	70.42	81.89	70.65	66.76	62.54
Pa'akea	118.74	178.33	186.39	114.23	158.82
Pukalani	53.88	33.21	41.98	38.77	37.66
'Ulupalakua Ranch	42.86	42.76	29.71	40.90	37.58
Waihe'e Valley	58.75	63.72	62.42	58.23	63.13
Wailuku	22.09	36.03	24.01	41.97	47.26
Moloka'i					
Maunaloa	36.43	27.01	25.25	22.30	37.37
Moloka'i Airport	40.38	22.52	14.96	18.57	21.12
Kaunakakai	19.59	13.90	9.10	12.55	15.20
Average Annual Temperature, Fahrenheit					
	2014	2015	2016	2017	2018
Maui					
Haleakalā Ranger Station	54.7	55.0	54.7	54.4	55.6
Hāna Airport	74.9	75.4	74.7	74.1	75.1
Kahului Airport	77.0	77.2	77.2	76.7	76.9
Kailua (NE Maui)	70.2	71.0	70.2	69.4	70.4
Kapalua Airport	76.1	76.9	76.4	76.3	76.2
Kula Branch Station	64.1	64.6	64.2	63.8	64.4
Kula Hospital	63.2	63.5	63.3	62.4	63.2
Makena Golf Course	75.5	72.8	76.7	75.5	75.4
'Ohe'o	75.5	73.9	77.2	76.4	78.3
Moloka'i					
Moloka'i Airport	74.9	75.2	76.5	76.4	76.5

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

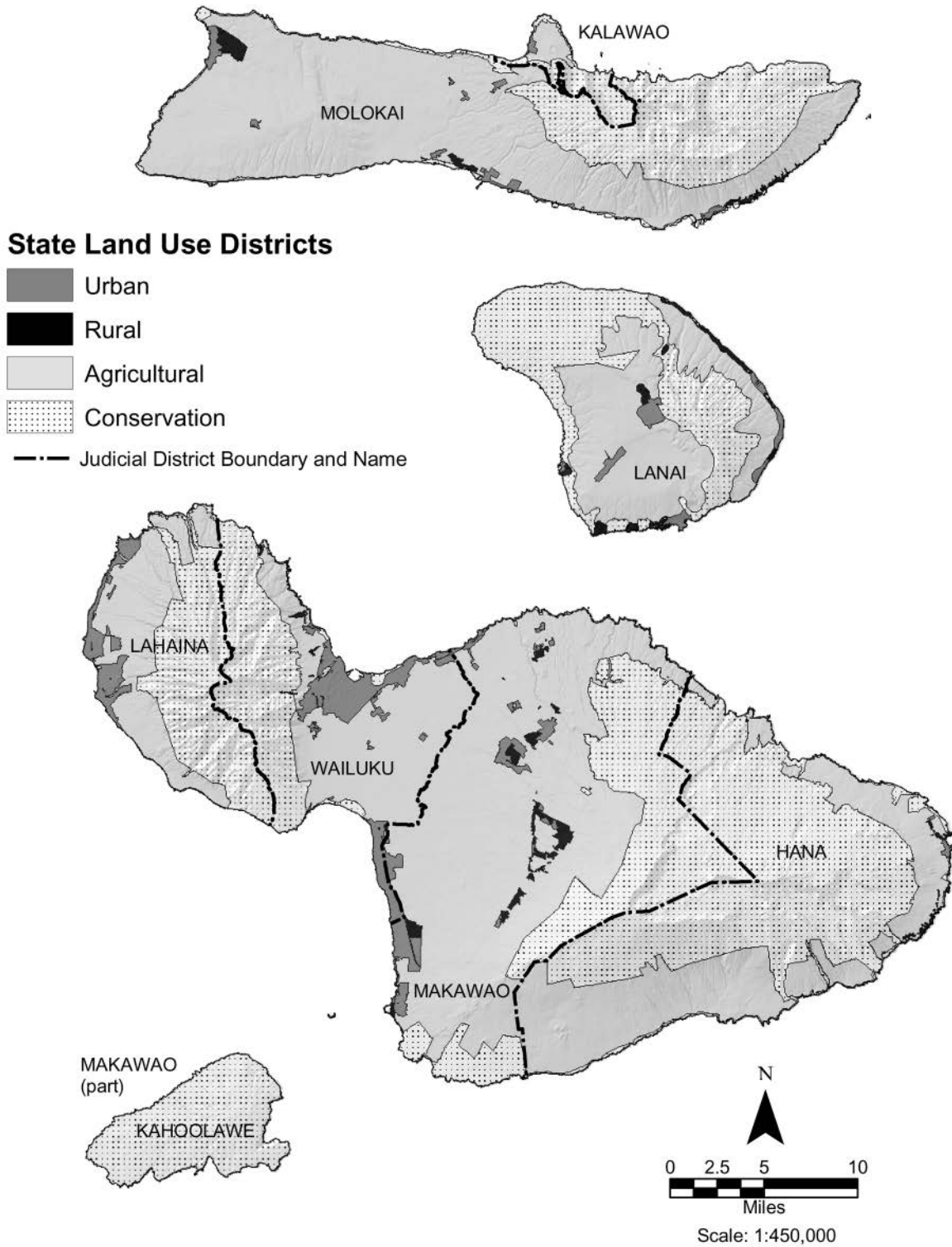
	2013	2014	2015	2016	2017	2018
Residential	5,893,266	6,028,645	6,711,804	7,254,893	7,695,201	8,370,124
Land	3,601,197	3,686,699	4,070,656	4,261,638	4,530,061	4,766,451
Improvement	2,292,069	2,341,946	2,641,148	2,993,255	3,165,140	3,603,673
Apartment	4,916,549	5,234,865	5,946,767	6,277,268	6,587,930	6,702,595
Land	1,623,663	1,726,925	1,848,829	1,895,057	1,984,330	1,953,358
Improvement	3,292,887	3,507,941	4,097,938	4,382,212	4,603,600	4,749,237
Commercial	2,118,943	2,172,533	3,181,514	3,683,412	3,486,977	3,236,145
Land	1,196,976	1,222,050	2,043,733	2,316,865	2,076,444	1,877,155
Improvement	921,968	950,483	1,137,781	1,366,546	1,410,533	1,358,990
Industrial	1,793,130	1,628,188	1,869,580	2,352,738	2,217,395	2,337,098
Land	1,115,918	919,840	1,100,212	1,517,727	1,326,758	1,406,003
Improvement	677,213	708,349	769,368	835,011	890,637	931,095
Agricultural	3,401,327	3,515,172	3,762,908	4,000,605	4,126,331	4,577,965
Land	2,089,824	2,151,407	2,241,518	2,256,689	2,271,149	2,582,197
Improvement	1,311,504	1,363,765	1,521,390	1,743,916	1,855,182	1,995,768
Conservation	500,531	471,161	490,533	525,273	518,667	525,555
Land	295,211	281,645	285,855	305,577	295,147	307,453
Improvement	205,320	189,516	204,678	219,696	223,520	218,102
Hotel/Resort	7,404,724	8,884,090	9,378,253	9,769,407	10,037,520	2,343,052
Land	1,450,145	1,783,169	1,858,055	1,835,145	1,740,596	626,233
Improvement	5,954,578	7,100,922	7,520,198	7,934,261	8,296,924	1,716,819
Homeowner	12,172,724	12,911,672	14,318,802	15,493,779	15,904,774	16,705,051
Land	5,529,016	5,988,415	6,645,531	6,994,332	7,202,954	7,547,994
Improvement	6,643,709	6,923,257	7,673,272	8,499,447	8,701,820	9,157,058
Time Share	1,484,089	1,595,127	1,773,726	1,908,345	1,982,492	2,271,896
Land	169,889	191,541	202,790	203,455	203,455	240,604
Improvement	1,314,201	1,403,586	1,570,936	1,704,890	1,779,037	2,031,292
Commercialized Residential	94,183	109,353	120,166	163,441	172,475	198,097
Land	41,861	57,361	58,698	77,084	81,064	90,607
Improvement	52,323	51,992	61,469	86,357	91,411	107,490
Short Term Rental¹						8,586,805
Land						1,507,468
Improvement						7,079,336
Total	39,779,467	42,550,806	47,554,054	51,429,159	52,729,762	55,854,383

1. New category as of 2018.

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, 2017

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 ²					
Island	Total Area ¹	Urban	Conservation	Agricultural	Rural
Hawai'i ³	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 ⁴	353,900	14,834	198,769	139,044	1,253
Ni'ihau ⁴	45,700	0	0	45,700	0
Ka'ula and Lehua	400	0	400	0	0
Other islands ⁵	1,900	0	1,900	0	0
State Total	4,112,388	200,700	1,973,846	1,926,240	11,602

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.

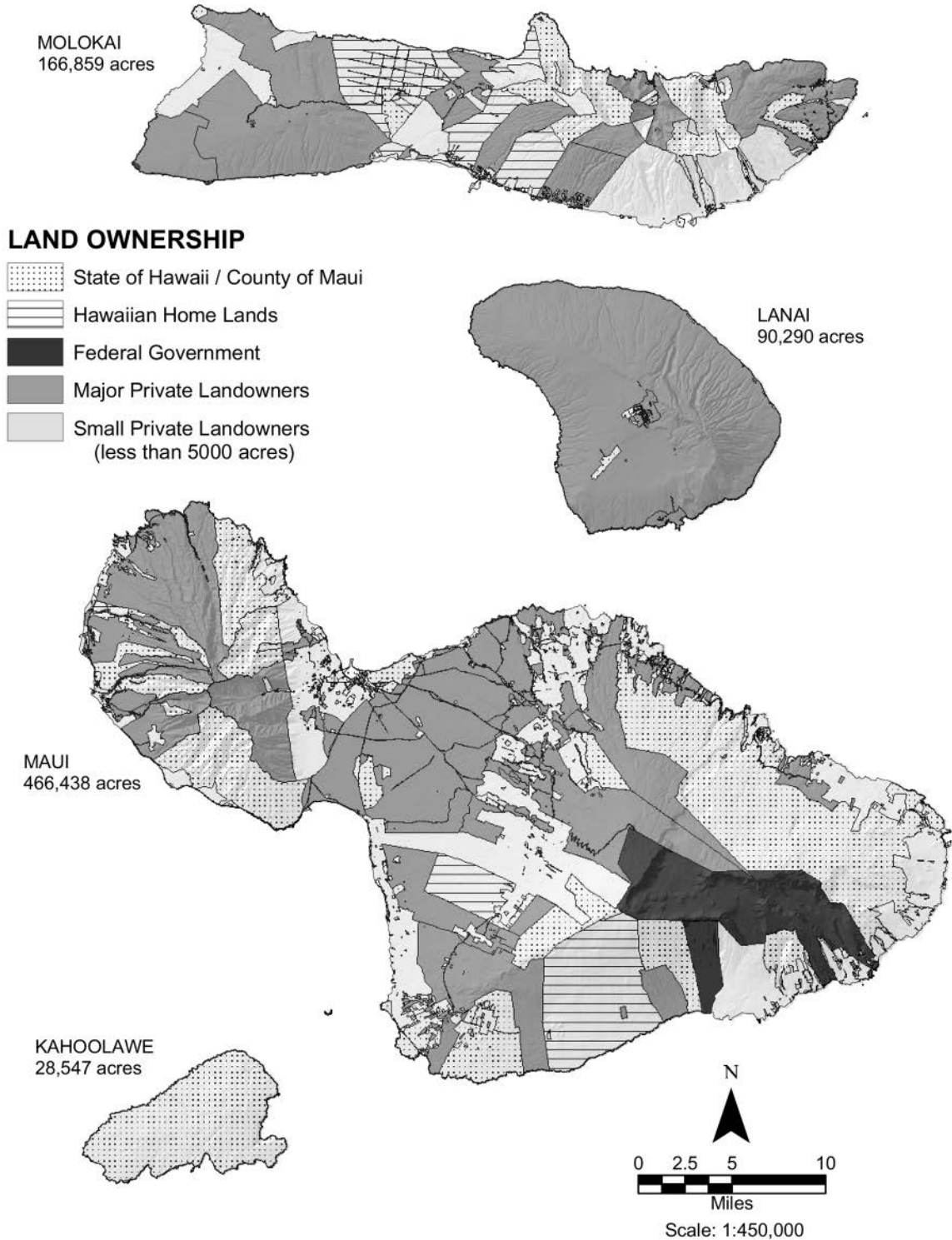
4. May be revised, pending updates of County records.

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.

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
2016	71,992	140,753	287,115	33,207	533,067
2017	72,421	140,858	289,564	33,503	536,346
2018	73,418	140,370	291,069	35,569	540,426

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

Island of Maui

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

3.2.6

CONTINUED

Island of Maui (Continued)

Wailuku Civic Center District
Wailuku School
Wānanalua Congregational Church
William K. Kaluakini Residence
Wo Hing Society Hall

Island of Kaho‘olawe

Kaho‘olawe Archaeological District

Island of Lāna‘i

Keāliakapu Complex-Kaunolu Village Site
Pu‘u Pehe Platform

Island of Moloka‘i

Ahahui Kalaniana‘ole
‘Ahina Heiau
Ali‘i 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
Kalua‘aha Fishpond
Kipapa Fishpond
Koloko‘eli Fishpond
Mahilika Fishpond
Mikiawa Fishpond
Pahiomu Fishpond
Panahana Fishpond
Waiakea Fishpond
Weheleau‘ulu Fishpond

Hökūkano ‘Ualapu‘e Complex
‘Ili‘ili‘ōpae Heiau
Kahokukano Heiau
Kalauonākukui Heiau
Kaluakapi‘ioho Heiau
Keawanui Fishpond
Kukui Heiau
Pāku‘i Heiau
Pu‘u‘ōlelo Heiau
‘Ualapu‘e Fishpond
Kaheu Gulch Habitation Site
Kahili Koa
Kalaupapa Leprosy Settlement
Kalua‘aha Church
Kalualohe Complex
Kamaka‘ipo Gulch Habitation Site
Kamaka‘ipo Lowlands Habitation Site
Kamaka‘ipo Point Fishing Shrine
Kape‘elua Complex
Kapukikani Heiau
Kaupikiawa Cave
Kawela archeological sites
Keawakalae Ko‘a
Kilohana School
Luahine Maika (Bowling) Run
Moloka‘i Public Library
Nanahoa Complex
Nihoa Complex
R. W. Meyer Sugar Mill
Sandalwood Pit
Southwest Moloka‘i Archeological District
St. Joseph Catholic Church
U.S. Coast Guard Moloka‘i Light

SOURCE: HAWAII‘I 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
As of June 30, 2017*

	Maui	Lānaʻi	Molokaʻi	Hawaiʻi	Kauaʻi	Oʻahu	State Total
Acreage							
General Leases	60	0	352	2,203	78	367	3,060
Licenses	NA	NA	NA	NA	NA	NA	NA
Right of Entry Permits	6,353	25	610	19,425	692	1,813	28,918
Homestead Leases							
Residential	1,267	29	395	1,709	697	4,270	8,367
Agricultural	65	0	420	508	46	60	1,099
Pastoral	75	0	27	307	1	0	410
Applications¹							
Residential	3,810	76	786	5,790	1,674	10,784	22,920
Agricultural	4,673	0	1,088	7,157	2,249	3,738	18,905
Pastoral	615	0	199	1,974	322	0	3,110

NA: Not available

1. The 44,935 applications are held by 28,123 applicants.

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

3.2.8

**DISPOSITION OF STATE LANDS
MAUI COUNTY, 2018**

Document Number	Permittee or Grantee Name	Location	Acres	Use	Annual Rent
General Leases & Term Easements					
GL6115	Steven Robert Campbell and Deana Darlene Campbell Trustees	Lahaina	0.001	Seawall	4,800*
Executive Orders - Set Asides					
4568	Department of Transportation	Kalulu and Kamoku, Lanai	507.795	Setting aside land for public purposes (For airport purposes)	
4544	County of Maui	Hana	2.250	Setting aside land for public purposes (For community center and ancillary purposes)	
4550	DLNR, Division of State Parks	Makawao	7.970	Setting aside land for public purposes (For Polipoli Spring State Recreation Area)	
4551	Department of Transportation	Wailuku	0.485	Setting aside land for public purposes (For airport purposes)	
4552	Department of Transportation	Lahaina	57.296	Setting aside land for public purposes (For airport and allied purposes)	
4562	Department of Transportation	Wailuku	13.367	Setting aside land for public purposes (For addition to Kahului Airport)	
Executive Orders - Cancellations and Withdrawals					
4567	Department of Transportation	Kalulu and Kamoku, Lanai	507.795	Cancellation of Governor's Executive Order No. 1248 dated 3/19/1948; No. 1279 dated 11/19/1948 & No. 2211 dated 7/1/1965	
4549	State of Hawaii, Board of Land and Natural Resources	Makawao	7.970	Withdrawing land from the operation of Governor's Proclamation of Forest Reserve dated 9/11/1912	

* Direct.

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

3.2.9

SINGLE FAMILY HOME AND CONDOMINIUM SALES BY AREA, MAUI COUNTY, 2018

Area	# Sales	% Change Last Yr	Average Price	% Change Last Yr	Median Price	% Change Last Yr	Total Volume	% Change Last Yr
Single Family Homes								
Ha'ikū	92	8%	\$956,427	8%	\$842,500	12%	\$87,991,251	17%
Hāna	20	100%	\$1,019,245	-32%	\$762,500	-34%	\$20,384,890	35%
Kā'anapali	36	57%	\$2,117,367	6%	\$1,837,500	3%	\$76,225,202	66%
Kahakuloa	2	100%	\$875,000	52%	\$875,000	52%	\$1,750,000	204%
Kahului	137	-8%	\$672,956	10%	\$677,500	13%	\$92,194,990	1%
Kapalua	8	0%	\$3,867,913	48%	\$2,840,000	14%	\$30,943,300	48%
Kīhei	171	-10%	\$1,120,494	22%	\$700,000	0%	\$191,604,453	10%
Kula/Ulupalakua/Kanaio	71	-10%	\$1,094,835	8%	\$950,000	12%	\$77,733,317	-3%
Lahaina	53	-19%	\$1,725,694	5%	\$850,000	-23%	\$91,461,800	-14%
Lāna'i	21	11%	\$548,000	37%	\$460,000	20%	\$11,508,000	51%
Mā'alaea	1	0%	\$2,000,000	-43%	\$2,000,000	-43%	\$2,000,000	-43%
Makawao/Olinda/Hali'imaile	63	10%	\$745,644	-3%	\$648,500	2%	\$46,975,557	6%
Maui Meadows	31	11%	\$1,211,923	-12%	\$1,325,000	4%	\$37,569,600	-3%
Moloka'i	31	41%	\$486,018	3%	\$320,000	-18%	\$15,066,551	45%
Nāpili/Kahana/Honokōwai	32	-24%	\$1,002,269	4%	\$924,000	5%	\$32,072,600	-21%
Olowalu	1	0%	\$1,360,000	70%	\$1,360,000	70%	\$1,360,000	70%
Pukalani	41	-23%	\$783,310	2%	\$704,000	4%	\$32,115,700	-21%
Spreckelsville/Pā'ia/Ku'au	28	17%	\$1,161,743	-56%	\$795,000	-35%	\$32,528,812	-49%
Wailea/Mākena	34	21%	\$3,173,324	-29%	\$1,805,000	-20%	\$107,893,000	-14%
Wailuku	264	23%	\$659,653	2%	\$658,425	7%	\$174,148,488	25%
Maui Summary	1,137	3%	\$1,023,331	0%	\$710,000	2%	\$1,163,527,511	3%
Condominiums								
Kā'anapali	173	34%	\$1,104,534	3%	\$801,000	3%	\$191,084,387	39%
Kahului	35	0%	\$159,829	21%	\$125,000	32%	\$5,594,000	21%
Kapalua	45	-18%	\$2,062,936	3%	\$1,031,250	9%	\$92,832,112	-15%
Kīhei	611	5%	\$490,177	7%	\$410,000	9%	\$299,497,868	12%
Lahaina	87	16%	\$633,595	18%	\$526,500	4%	\$55,122,773	37%
Lāna'i	4	-60%	\$2,050,000	67%	\$1,625,000	82%	\$8,200,000	-33%
Mā'alaea	46	7%	\$441,590	21%	\$427,500	32%	\$20,313,150	29%
Moloka'i	15	-6%	\$164,233	14%	\$158,000	36%	\$2,463,500	7%
Nāpili/Kahana/Honokōwai	244	9%	\$487,980	5%	\$438,500	6%	\$119,067,044	15%
Pukalani	6	-40%	\$631,000	12%	\$603,000	9%	\$3,786,000	-33%
Spreckelsville/Pā'ia/Ku'au	4	300%	\$369,000	4%	\$373,500	6%	\$1,476,000	317%
Wailea/Mākena	216	53%	\$1,533,203	-10%	\$1,184,950	3%	\$331,171,895	39%
Wailuku	168	26%	\$402,194	6%	\$439,375	8%	\$67,568,602	33%
Maui Summary	1,654	14%	\$724,412	6%	\$500,000	12%	\$1,198,177,331	21%

SOURCE: REALTORS ASSOCIATION OF MAUI, MLS SALE DATA.

3.2.10

**LAND SALES
BY AREA, MAUI COUNTY, 2018**

Area	# Sales	% Change Last Yr	Average Price	% Change Last Yr	Median Price	% Change Last Yr	Total Volume	% Change Last Yr
Ha'ikū	53	61%	\$570,652	18%	\$475,000	19%	\$30,244,550	90%
Hāna	8	-11%	\$460,000	27%	\$467,500	10%	\$3,680,000	13%
Kā'anapali	10	-38%	\$645,973	-8%	\$649,500	-18%	\$6,459,731	-42%
Kahakuloa	0	-100%	\$0	0%	\$0	0%	\$0	-100%
Kahului	2	-33%	\$1,583,750	443%	\$1,583,750	403%	\$3,167,500	262%
Kapalua	0	-100%	\$0	0%	\$0	0%	\$0	-100%
Kihei	13	63%	\$698,846	16%	\$415,000	-12%	\$9,085,000	88%
Kula/Ulupalakua/ Kanaio	35	133%	\$652,201	-34%	\$650,000	40%	\$22,827,025	55%
Lahaina	11	38%	\$1,320,136	36%	\$1,500,000	61%	\$14,521,500	87%
Makawao/Olinda/ Hali'imaile	10	-29%	\$566,590	1%	\$400,000	-21%	\$5,665,900	-28%
Maui Meadows	1	-67%	\$725,000	55%	\$725,000	45%	\$725,000	-48%
Moloka'i	18	-10%	\$226,883	57%	\$205,000	55%	\$4,083,900	41%
Nāpili/Kahana/ Honokōwai	0	-100%	\$0	0%	\$0	0%	\$0	-100%
Olowalu	1	0%	\$575,000	-48%	\$575,000	-48%	\$575,000	-48%
Pukalani	5	-89%	\$383,400	16%	\$375,000	15%	\$1,917,000	-88%
Spreckelsville/ Pā'ia/Ku'au	1	0%	\$2,900,000	123%	\$2,900,000	123%	\$2,900,000	123%
Wailea/Mākena	6	20%	\$5,297,500	720%	\$5,725,000	941%	\$31,785,000	884%
Wailuku	19	-32%	\$378,912	1%	\$315,000	-2%	\$7,199,325	-32%
Maui Summary	196	-11%	\$749,655	50%	\$480,200	30%	\$146,932,431	33%

NA: Not available.

SOURCE: REALTORS ASSOCIATION OF MAUI, MLS SALE DATA.

3.2.11

FOREST AND NATURAL AREA ACREAGE BY ISLAND

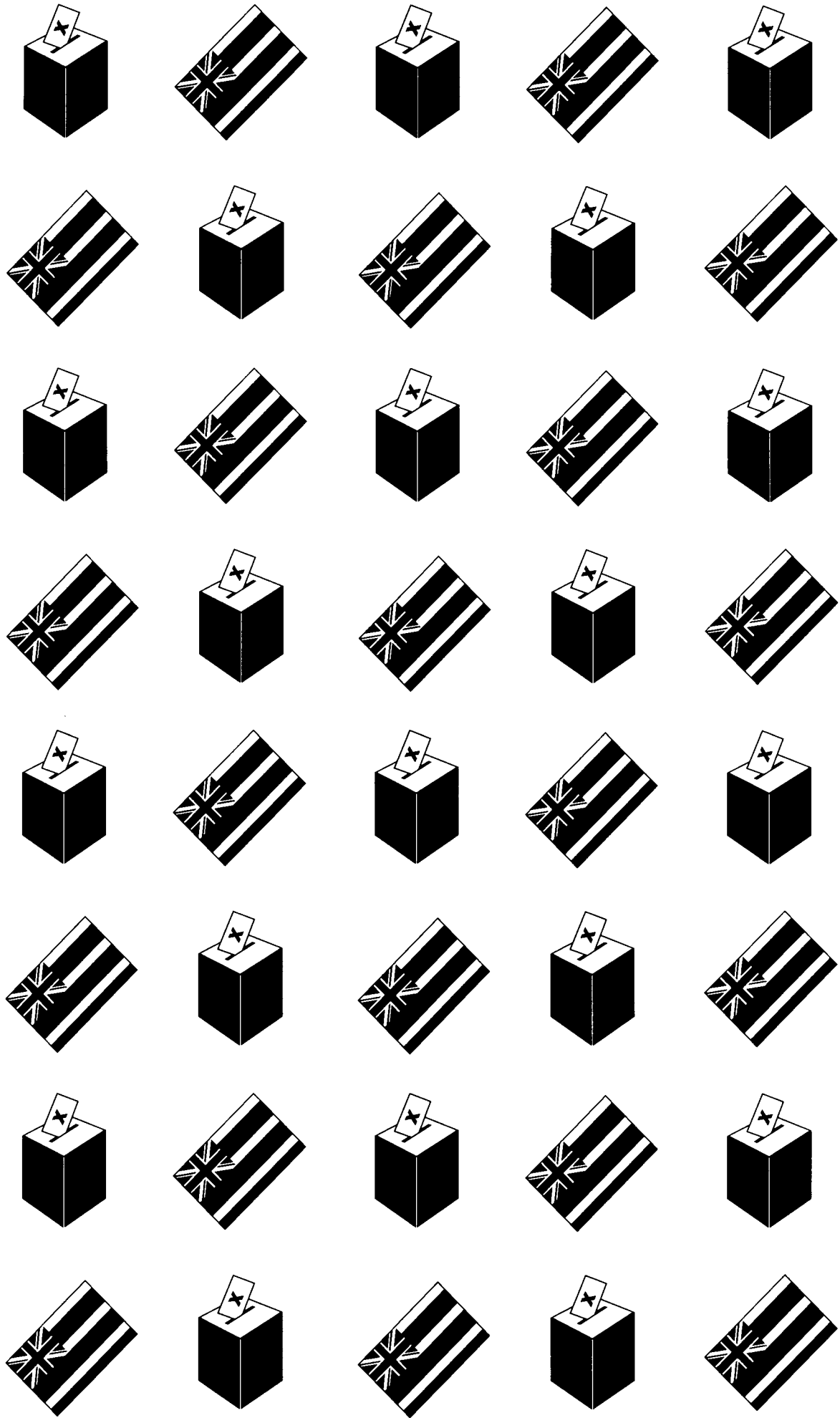
On June 30, 2017

Island	Conservation District Forest Land		Natural Areas	
	Forest Reserve ¹	Private Forest ²	Number of Areas	Acres
State Total	657,841	328,742	21	123,810
Hawai'i	453,242	106,745	8	94,954
Maui	67,769	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	38,966	88,817	4	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.

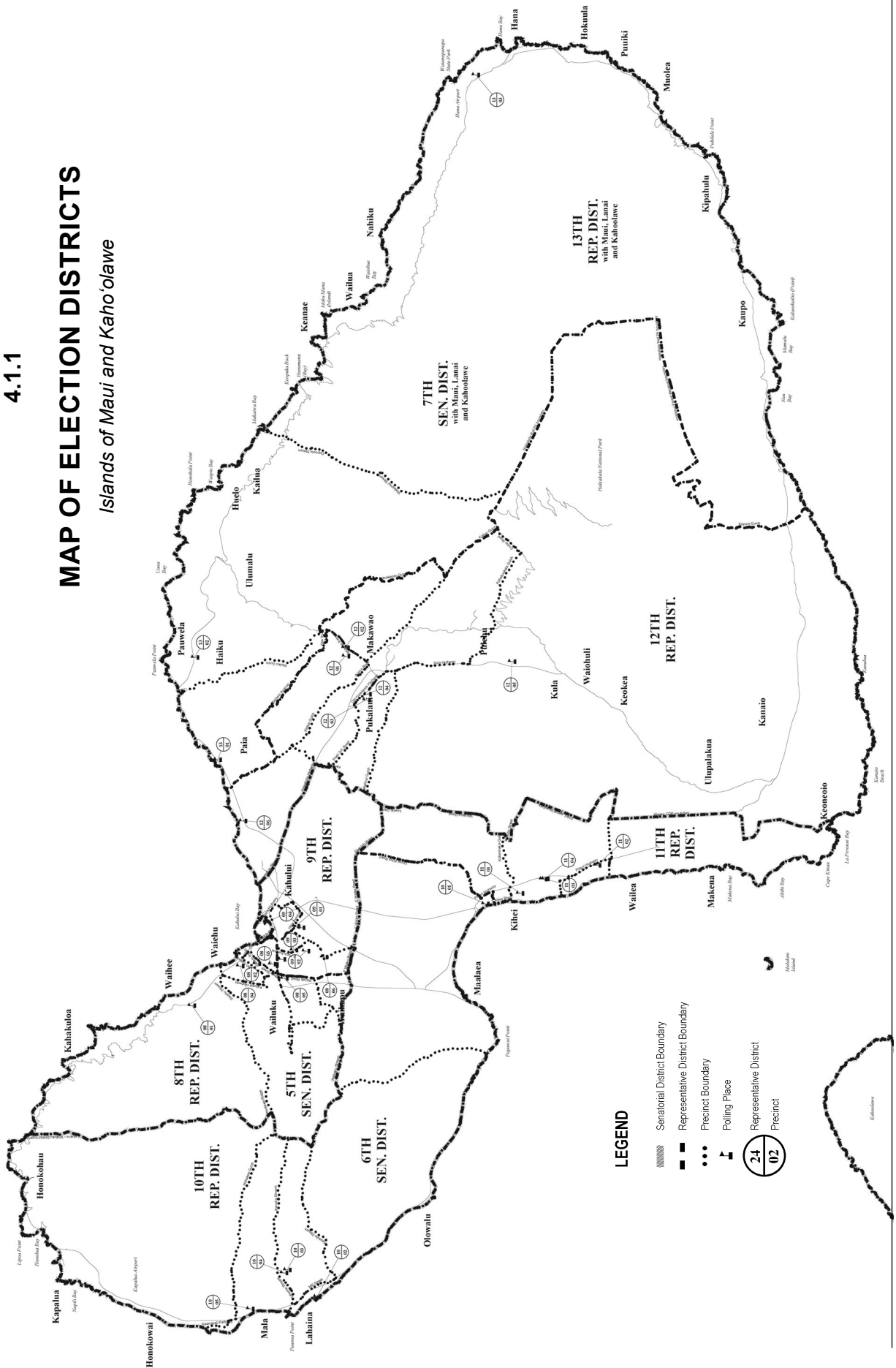
Important sources on statistics on government include: Government in Hawai'i; Revenue Trends (monthly tax collection reports), Hawai'i State Department of Taxation; State of Hawai'i Data Book, and Hawai'i State Department of Business, Economic Development and Tourism.

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.

4.1.1

MAP OF ELECTION DISTRICTS

Islands of Maui and Kaho'olawe

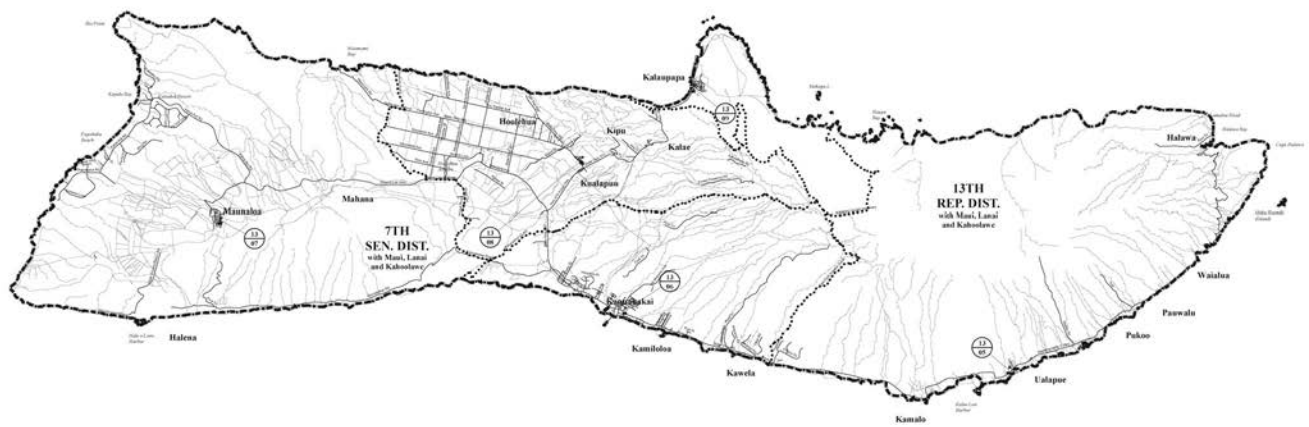


SOURCE: STATE OF HAWAII, OFFICE OF ELECTIONS, SEPTEMBER 2017.

4.1.2

MAP OF ELECTION DISTRICTS

Island of Moloka'i



LEGEND

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

SOURCE: STATE OF HAWAI'I, OFFICE OF ELECTIONS, SEPTEMBER 2017.

4.1.3

MAP OF ELECTION DISTRICTS

Island of Lānaʻi



SOURCE: STATE OF HAWAII, OFFICE OF ELECTIONS, JANUARY 2014.

4.1.4

LIST OF POLLING PLACES

8th Representative District

Kahakuloa, Waihe'e, Waiehu, Wailuku, Kahului

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

9th Representative District

Wailuku, Pu'unēnē, Kahului

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

10th Representative District

Lahaina, Kā'anapali, Kapalua

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

11th Representative District

Kīhei, Maui Meadows, Wailea, Mākena

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

12th Representative District

Hāli'imaile, Makawao, Pukalani, Kula, 'Ulupalakua

1. Kalama Intermediate School
2. Eddie Tam Memorial Center
3. Pukalani Elementary School
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 School

Island of Lāna'i

4. Lāna'i High and Elementary School

Island of Moloka'i

5. Kilohana Community Center
6. Kaunakakai School
7. Maunaloa Community Center
8. Kualapu'u Community Center
9. Vote by Mail Precinct

SOURCE: STATE OF HAWAII', OFFICE OF ELECTIONS.

4.2.1

**REGISTERED VOTERS AND VOTES CAST
NOVEMBER 6, 2018 GENERAL ELECTION**

District	Precinct Name	Registered Voters	Votes Cast	Turnout	District	Precinct Name	Registered Voters	Votes Cast	Turnout
8-1	Waihe'e Elementary School	2,123	471	22.2%	11-1	Trinity Episcopal Church	3,545	859	24.2%
8-2	Santos Community Center	3,672	676	18.4%	11-2	Kamali'i Elementary School	4,627	1,223	26.4%
8-3	Baldwin High School	1,667	313	18.8%	11-3	K'hei Community Center	4,000	979	24.5%
8-4	Paukūalo Hwn Homes Comm Ctr.	2,163	367	17.0%	11-4	K'hei Elementary School	4,498	1,062	23.6%
8-5	'Iao Intermediate School	4,602	870	18.9%		Absentee walkins		589	
8-6	Pomaikai Elementary School	1,944	432	22.2%		Absentee mail		3,396	
8-7	Maui Economic Opportunity Center	1,251	198	15.8%					
	Absentee walkins		1,369		12-1	Kalama Intermediate School	3,567	936	26.2%
	Absentee mail		5,080		12-2	Eddie Tam Memorial Center	2,334	670	28.7%
9-1	Kahului Elementary School	4,055	905	22.3%	12-3	Pukalani Elementary School	3,186	734	23.0%
9-2	Maui Waena Intermediate School	3,773	798	21.2%	12-4	Mayor H. Tavares Comm Ctr.	3,472	924	26.6%
9-3	Lihikai Elementary School	2,474	530	21.4%	12-5	Kula Community Center	5,294	1,326	25.0%
9-4	Maui High School	2,672	456	17.1%	12-6	Kaunoa Senior Citizen Center	278	102	36.7%
	Absentee walkins		612			Absentee walkins		816	
	Absentee mail		3,443			Absentee mail		5,058	
10-1	Kenolio Recreational Complex	1,642	387	23.6%	13-1	Pā'ia Community Center	1,888	567	30.0%
10-2	Kamehameha III Elementary	2,455	703	28.6%	13-2	Hai'ikū Community Center	7,203	2,053	28.5%
10-3	Lahaina Intermediate School	2,602	738	28.4%	13-3	Hāna High and Elementary	1,483	455	30.7%
10-4	Princess Nahi'ena'ena Elementary	1,943	487	25.1%	13-4	Lāna'i High and Elementary	1,813	509	28.1%
10-5	Lahaina Civic Center	6,125	1,502	24.5%	13-5	Kilohana Community Center	656	169	25.8%
	Absentee walkins		317		13-6	Kaunakakai School	2,042	465	22.8%
	Absentee mail		2,525		13-7	Maunaloa Community Center	381	91	23.9%
					13-8	Kualapu'u Community Center	1,256	311	24.8%
					13-9	Kalaupapa Settlement	35	0	0.0%
						Absentee walkins		956	
						Absentee mail		3,221	

SOURCE: STATE OF HAWAII, OFFICE OF ELECTIONS.

4.2.2

GENERAL ELECTION RESULTS MAUI COUNTY, NOVEMBER 6, 2018

	Votes	%		Votes	%
U.S. Senator			Councilmember (East Maui)		
D) Hirono, Mazie	37,753	74.5%	Sinenci, Shane	23,654	46.7%
R) Curtis, Ron	11,381	22.5%	Carroll, Claire Kamalu	19,467	38.5%
Blank Votes	1,499	3.0%	Blank Votes	7,498	14.8%
U.S. Representative, Dist. 2			Councilmember (West Maui)		
D) Gabbard, Tulsi	39,906	78.8%	Paltin, Tamara Akiko Maile	28,376	56.0%
R) Evans, Brian	8,716	17.2%	Nava, Rick	14,581	28.8%
Blank Votes	2,017	4.0%	Blank Votes	7,665	15.1%
Governor and Lt. Governor			Councilmember (Wailuku, Waihe'e, Waikapū)		
D) Ige / Green	32,142	63.5%	Lee, Alice	23,703	46.8%
R) Tupola / Kerns	14,702	29.0%	Atay, Alika	21,322	42.1%
G) Brewer / Ing	1,857	3.7%	Blank Votes	5,590	11.0%
N) Teruya / Robotti	612	1.2%	Councilmember (Kahului)		
Blank Votes	1,183	2.3%	Kama, Natalie (Tasha)	28,546	56.4%
State Senator, Dist. 6			Arakawa, Alan	17,640	34.8%
D) Baker, Roz	8,978	60.8%	Blank Votes	4,431	8.8%
R) Shishido, Melissah (Mish)	4,379	29.7%	Councilmember (South Maui)		
Blank Votes	1,402	9.5%	King, Kelly Takaya	39,950	61.1%
State Representative, Dist. 10			Crouse, Zandra (Amaral)	12,022	23.7%
D) McKelvey, Angus	3,729	56.0%	Blank Votes	7,648	15.1%
R) Marten, Chayne	1,346	20.2%	Councilmember (Makawao, Ha'ikū, Pā'ia)		
G) Mather, Jen Kamaho'i	1,171	17.6%	Molina, Mike	24,224	47.8%
Blank Votes	409	6.1%	Furtado, Trinette	20,501	40.5%
State Representative, Dist. 13			Blank Votes	5,889	11.6%
D) Decoite, Lynn	5,796	65.9%	Councilmember (Upcountry)		
G) Nihilananda, Nick	2,298	26.1%	Sugimura, Yuki Lei Kashiwa	27,323	54.0%
Blank Votes	699	7.9%	Starbuck, Hannibal E.	17,288	34.1%
Mayor, County of Maui			Blank Votes	6,000	11.9%
Victorino, Mike	27,112	53.6%	Councilmember (Lāna'i)		
Cochran, Elle	22,190	43.8%	Hokama, Riki	22,475	44.4%
Blank Votes	1,310	2.6%	Johnson, Gabe	20,508	40.5%
			Blank Votes	7,628	15.1%
			Councilmember (Moloka'i)		
			Rawlins-Fernandez, Keani	22,134	43.7%
			Crivello, Stacy Helm	20,643	40.8%
			Blank Votes	7,844	15.5%

SOURCE: HAWAII'S STATE OFFICE OF ELECTIONS.

4.2.3

**GENERAL ELECTION RESULTS
OFFICE OF HAWAIIAN AFFAIRS TRUSTEES
AND STATE CONSTITUTIONAL AMENDMENTS
MAUI COUNTY, NOVEMBER 6, 2018**

Office of Hawaiian Affairs

	Votes	Percent
At Large Trustee*		
Waihee, John D., IV	18,310	12.1%
Akana, Rowena Noelani	14,475	9.5%
Ahu Isa, Lei (Leina'ala)	12,231	8.0%
Hanohano, Faye (Pua)	11,601	7.6%
Lee, Brendon Kalei'aina	11,021	7.3%
Aila, William J., Jr.	10,451	6.9%
Blank Votes	73,825	48.6%
Over Votes	12	0.0%
Maui Resident Trustee		
Lindsey, Carmen Hulu	21,045	41.5%
Kapu, Ke'eaumoku	16,397	32.4%
Blank Votes	13,176	26.0%
Over Votes	32	0.1%
Oahu Resident Trustee		
Akaka, Kalei	17,224	34.0%
Kia'aina, Esther	14,546	28.7%
Blank Votes	18,869	37.3%
Over Votes	11	0.0%

State of Hawai'i Constitutional Amendments

	Votes	Percent		Votes	Percent
Constitutional Convention			Public Education and Investment Real Property		
Yes	13,260	26.2%	Yes	16,088	31.8%
No	32,675	64.5%	No	27,603	54.5%
Blank	4,674	9.2%	Blank	6,904	13.6%

* Number to vote for: 3

SOURCE: HAWAI'I STATE OFFICE OF ELECTIONS.

4.2.4

GENERAL ELECTION RESULTS MAUI COUNTY CHARTER AMENDMENTS NOVEMBER 6, 2018

Ballot Text Summaries and Results

Require that claims be filed with the Corporation Counsel instead of the County Clerk?

Yes	19,629	38.8%
No	21,941	43.3%
Blank Votes	9,045	17.9%

Expand the uses of the Open Space, Natural Resources, Cultural Resources, and Scenic Views Fund?

Yes	30,486	60.2%
No	14,504	28.6%
Blank Votes	5,624	11.1%

Increase the penalty for the operation of a transient accommodation without a necessary permit and clarify the limit of a fine for the violation of an ordinance?

Yes	26,128	51.6%
No	19,108	37.7%
Blank Votes	21	0.0%

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

	2015	2016	2017	2018
Revenues				
Taxes	268,178	280,825	303,701	342,520
Licenses and Permits	30,946	30,460	32,032	36,116
Intergovernmental Revenues	72,049	69,038	70,996	61,917
Charges for Services	64,839	70,575	76,902	82,657
Fines and Forfeitures	2,075	2,537	2,226	2,379
Interest and investment earnings, net	1,358	2,592	3,120	(44)
Other	4,604	5,140	6,042	10,999
Assessments	1,322	2,345	1,742	1,249
Total Revenues	445,371	463,511	496,762	537,793
Expenditures				
General Government	105,479	115,623	126,512	132,343
Public Safety	90,349	92,811	99,701	103,913
Highways and Streets	40,260	39,827	40,032	40,898
Sanitation	54,552	52,454	54,842	58,256
Social Welfare	42,579	45,920	57,126	46,012
Culture and Recreation	29,530	28,912	38,325	29,505
Legislative	6,559	6,493	6,523	6,796
Capital Outlay	81,371	65,147	48,112	87,052
Debt Service: Principal	26,926	20,825	26,150	25,686
Interest	10,905	9,607	9,174	8,277
Total Expenditures	488,509	477,619	506,496	538,739
Excess (Deficiency) of Revenues over Expenditures	(43,138)	(14,109)	(9,735)	(945)

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

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

4.3.2

GENERAL EXCISE AND USE TAX LIABILITY MAUI COUNTY

	2018
Retailing	218,682,283
Services	85,286,149
Contracting	50,664,314
Theater, Amusement, Radio, etc.	2,937,934
Interest and All Others	23,576,293
Commissions	8,080,155
Hotel Rentals	66,336,598
All Other Rentals	45,574,641
Use (4%)	6,110,354
Sub-Total	507,248,721
Insurance Solicitors	44,696
Producing	79,520
Manufacturing	333,965
Wholesaling	9,554,321
Services (Intermediary)	546,787
Use (1/2%)	3,987,624
Sub-Total	14,546,915
Grand Total	\$521,795,636

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

This table replaces the former "State Tax Collection" as state tax collection data by county is no longer available.

The district (county) data shown in this report are from Part V of Form G-45, "Schedule of Assignments of Taxes by District," or from Form G-75, "Assignment of General Excise/Use Tax by District."

Tax liability is the amount of tax levied on reported economic activity. Tax collection is the amount of revenue received by the Department of Taxation. Tax liability and tax collection measure different concepts and should not match.

SOURCE: HAWAII STATE DEPARTMENT OF TAXATION, MONTHLY TAX REPORTS.

4.3.3

ESTIMATED REAL PROPERTY TAX REVENUE MAUI COUNTY

In thousands of dollars

Fiscal Year 2018-2019

Assessor's gross valuation	55,854,383
Land	22,905,524
Improvement	32,948,859
Exemptions	6,542,703
Assessor's net taxable valuation	49,311,679
Half of valuation on appeal	463,088
Number of appeals	765
Valuation for tax rate purposes	48,848,592
Land	21,547,267
Improvement	27,301,325
Amount to be raised by taxation	318,911

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

Land Use Class	Rate Fiscal Year 2018-2019
Building	
Residential	5.52
Apartment	6.31
Commercial	7.25
Industrial	7.45
Agricultural	6.00
Conservation	6.35
Hotel and Resort	9.37
Homeowner	2.85
Time Share	15.41
Commercialized Residential	4.55
Short Term Rental	9.28
Land	
Residential	5.52
Apartment	6.31
Commercial	7.25
Industrial	7.45
Agricultural	6.00
Conservation	6.35
Hotel and Resort	9.37
Homeowner	2.85
Time Share	15.41
Commercialized Residential	4.55
Short Term Rental	9.28

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

Fiscal Year	General Obligation Bonds	Notes Payable	Total Outstanding Debt
1998	186,731	21,539	208,270
1999	189,913	31,796	221,709
2000	194,111	30,305	224,416
2001	194,807	23,779	218,586
2002	208,832	23,764	232,596
2003	242,996	39,582	282,578
2004	227,007	39,194	266,201
2005	233,684	36,762	270,446
2006	215,336	34,295	249,631
2007	226,720	40,078	266,798
2008	247,258	47,262	294,520
2009	226,048	65,578	291,626
2010	204,717	71,257	275,974
2011	231,914	69,639	301,553
2012	210,460	67,329	277,789
2013	254,592	47,090	301,682
2014	233,900	70,965	304,865
2015	257,781	75,653	333,434
2016	262,603	69,061	331,664
2017	234,109	83,305	317,414
2018	208,074	108,245	316,319

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

4.4

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

	2016	2017	2018	2019
Corporation Counsel	34.5	37.5	37.5	37.5
Emergency Management Agency ¹	6.0	6.8	6.8	6.0
Environmental Management				
General	5.0	5.0	8.0	5.0
Wastewater	117.0	118.0	118.0	120.0
Solid Waste	99.0	99.0	96.0	99.0
Finance	145.8	147.5	145.5	147.5
Fire & Public Safety	319.0	368.0	370.0	372.0
Housing & Human Concerns	80.3	86.8	87.5	81.5
Liquor Control	26.0	26.0	25.0	25.0
Management	58.8	58.0	56.0	60.5
Parks and Recreation				
General	426.8	*384.3	390.3	396.8
Golf	20.9	20.9	19.4	20.9
Personnel Services	18.0	18.0	18.0	18.0
Planning	62.0	64.0	64.0	67.0
Police	520.0	524.0	522.2	530.2
Prosecuting Attorney	72.0	73.0	73.0	75.0
Public Works				
General	115.0	115.0	115.0	124.0
Highways	145.0	145.0	146.0	145.0
Transportation	6.0	6.0	6.0	6.0
Water Supply	219.0	220.0	220.0	220.0

1. Previously known as Civil Defense.

SOURCE: MAUI COUNTY OFFICE OF THE MAYOR, BUDGET OFFICE.

4.5.1

**COUNTY PROPERTY TAX EXEMPTIONS BY TYPE
MAUI COUNTY, FY 2018-2019**

Type of Exemption	Number	Amount (\$1,000)
Federal Government	81	47,495
State Government	1,345	1,668,938
County Government	576	552,487
Government Leases-Total	82	83,830
Government Leases-Portion	57	36,145
Hawaiian Homes Commission	479	39,799
Hawaiian Homes Land-Basic	785	141,857
Hawaiian Homes Land-Multiple	114	19,587
Hawaiian Homes Land-Total Land	1,423	143
Hawaiian Homes Land-Vacant Land	299	31
Hawaiian Homes-7 year	54	16,995
Homes-Fee (Basic)	19,837	3,933,204
Homes-Fee (Multiple)	4,285	846,801
Homes-Leasehold (Basic)	311	61,406
Homes-Leasehold (Multiple)	293	57,761
Blind	25	625
Deaf	5	75
Hansen's Disease (Leprosy)	0	0
Totally Disabled	364	8,673
Totally Disabled Veterans	301	166,914
Cemeteries	8	1,722
Charitable Organizations	281	415,969
Childcare	19	950
Churches	249	360,628
Credit Unions	16	19,202
Forest Reserve	3	67
Historic Residential Properties	7	13,730
Kuleana	49	22,104
Hospitals	12	56,450
Landscaping, Open-Space	1	163
Low-Moderate Income Housing	43	188,303
Public Utilities	80	84,442
Roadways and Waterways	1,730	6,783
Schools	19	163,756
Taro	42	72
Miscellaneous	2	199
Total	33,281	9,017,306

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, 2018

Source of Revenue	Gallons	State Tax	County Fuel Tax	Total Tax
Gasoline	65,658,817	\$10,495,873	\$15,086,904	\$25,582,777
Diesel oil (non-hwy)	13,697,859	150,781	0	150,781
Diesel oil (hwy)	6,530,024	1,044,804	1,501,906	2,546,709
Liquid petro. gas (hwy)	129	7	15	22
Small boat (gas)	118,068	18,891	27,156	46,047
Small boat (diesel oil)	0	0	0	0
Aviation fuel	77,390,115	773,901	0	773,901
Other fuel	367,537	14,701	0	14,701
Subtotal	163,762,549	12,498,959	16,615,980	29,114,938
Environmental Tax	5,128,491	5,384,916	0	5,384,916
Total		17,883,874	16,615,980	34,499,854

SOURCE: STATE OF HAWAII', DEPARTMENT OF TAXATION, MONTHLY TAX REPORTS.

4.5.3

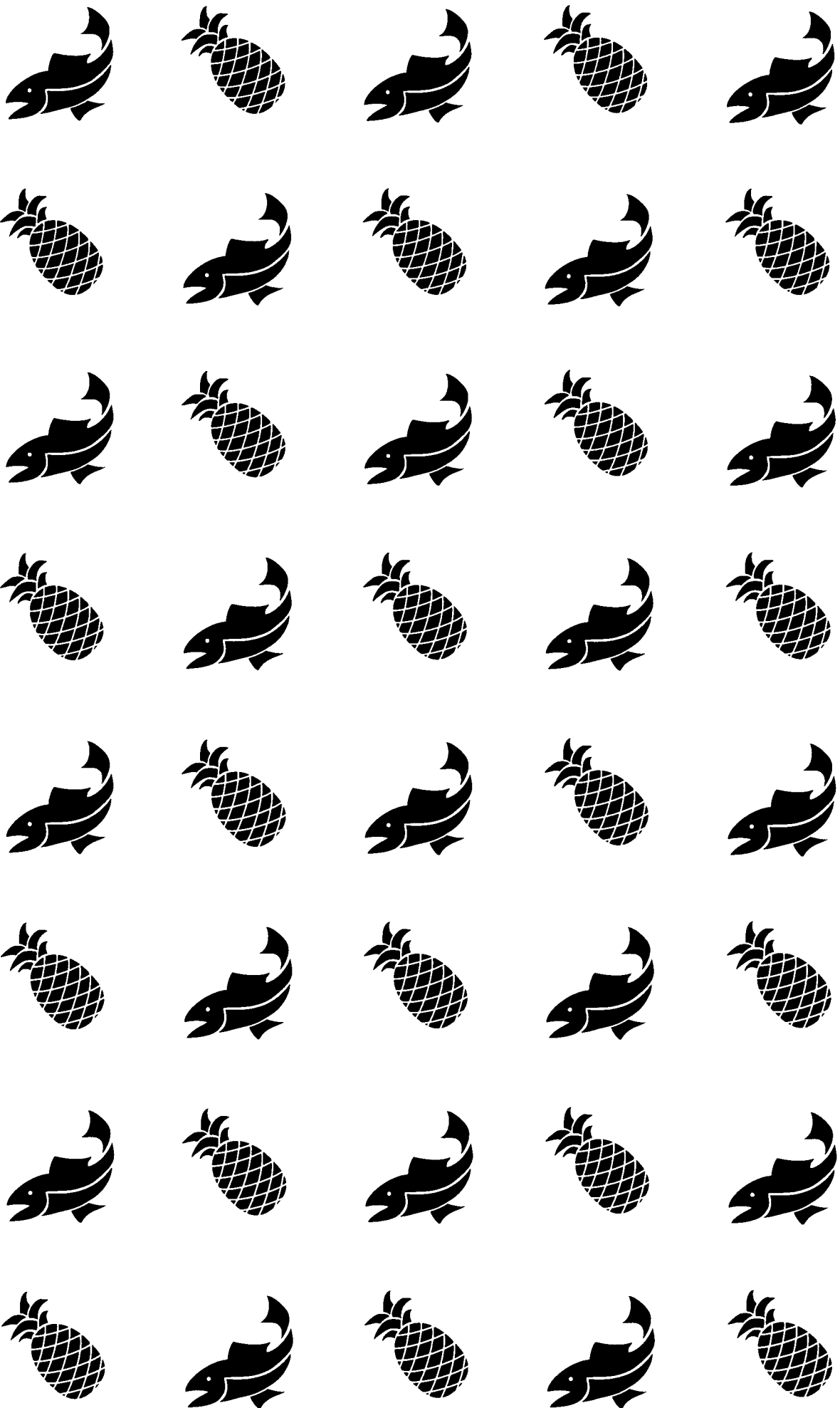
**LIQUID FUEL TAX ALLOCATION BY FUND
MAUI COUNTY**

Fiscal year ending June 30, 2018

	Amount	Total Tax
State Highway Special Fund	\$11,607,807	
State Airports Special Fund	773,901	
State Boating Special Fund	283,410	12,665,118
County Fuel Tax:		
Lanai	237,553	
Molokai	0	
Maui	16,212,267	16,449,820
Environmental Response Fund	256,425	
Energy Security Fund	769,274	
Energy Development Fund	512,849	
Agricultural Development Fund	769,274	
General Fund	3,077,095	5,384,916
Grand Total		\$34,499,854

SOURCE: STATE OF HAWAII', DEPARTMENT OF TAXATION, MONTHLY TAX 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 herbaculture production. Fish catches and other aquaculture statistics are given.

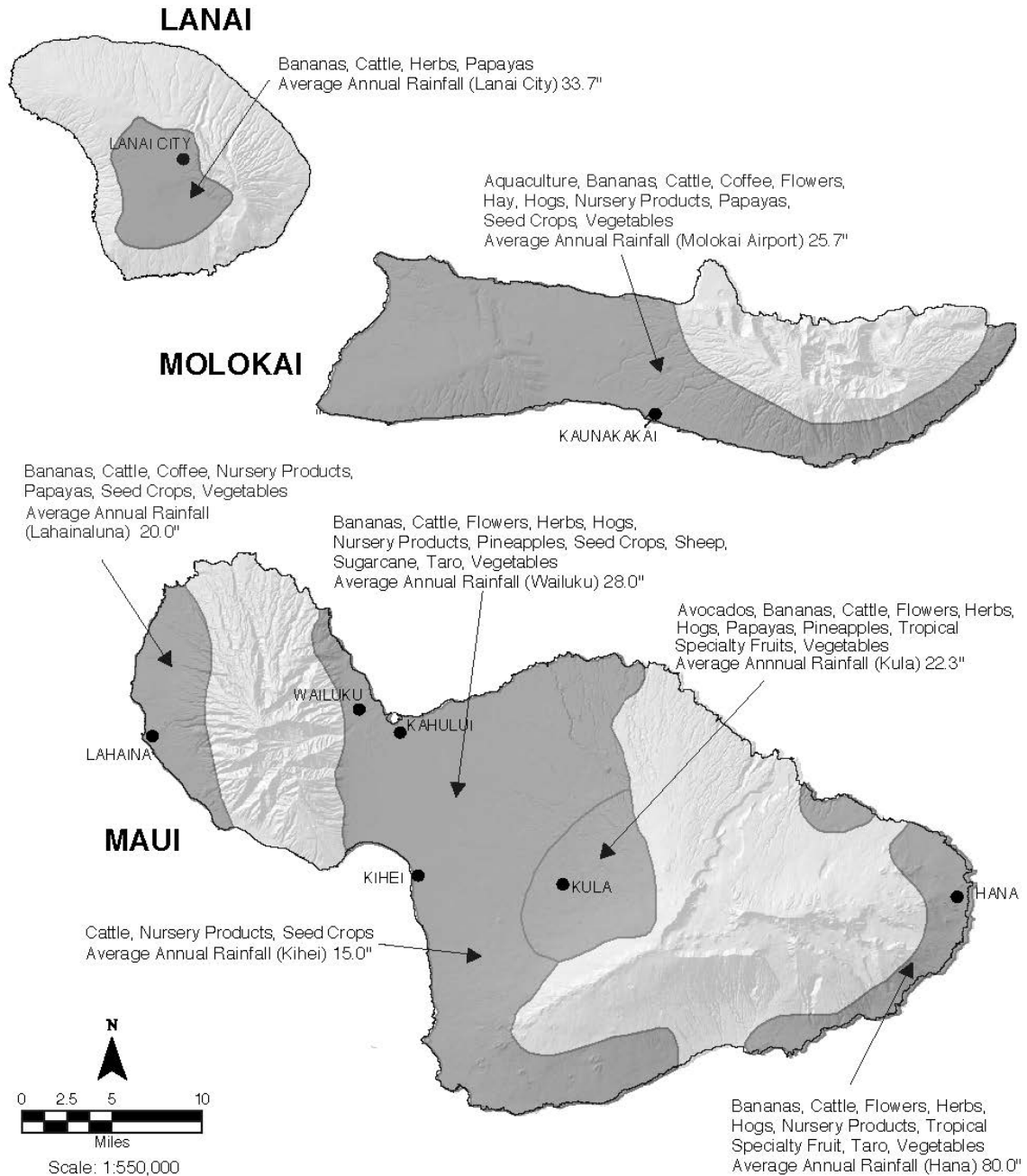
Maui's last sugar plantation closed in 2016 and therefore data on sugarcane has been discontinued. Coffee production in the state is now featured.

Agriculture remains an important element in Maui County's economy and land use patterns. The trend toward diversification of agriculture continues.

The data in this section comes mainly from the 2017 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**

	2002	2007	2012	2017
Tenure of Operator				
Full Owners				
Farms	529	827	774	1,031
Acres	82,274	62,325	94,317	124,568
Part Owners				
Farms	115	138	151	133
Acres	135,661	141,052	108,528	102,257
Owned land in farms (acres)	102,342	105,762	75,931	70,577
Rented land in farms (acres)	33,319	35,290	32,597	31,680
Tenants				
Farms	179	191	203	244
Acres	38,755	22,191	26,321	22,131
Operator Characteristics				
Place of Residence				
On farm operated	623	929	840	1,772
Not on farm operated	200	227	288	625
Principal Occupation				
Farming	434	515	609	892
Other	389	641	519	1,017
Days of Work Off Farm¹				
None	413	229	406	723
Any	410	927	722	1,186
1 to 49 days	47	155	100	248
50 to 99 days	36	151	125	103
100 to 199 days	63	166	144	252
200 days or more	264	455	353	583
Years on Present Farm				
2 years or less	46	51	36	142
3 or 4 years	66	68	89	178
5 to 9 years	189	284	201	420
10 years or more	522	753	802	1,169
Average years on present farm	15.3	16.7	19.1	16.6

5.1.2
CONTINUED

	2002	2007	2012	2017
Age Group				
Under 25 years	4	4	4	12
25 to 34 years	26	32	37	78
35 to 44 years	108	89	78	154
45 to 54 years	310	314	227	273
55 to 64 years	NA	NA	NA	614
65 to 74 years	NA	NA	NA	555
75 years and over	NA	NA	NA	223
Average age	55.0	57.7	59.0	60.4
Male				
Farms	659	856	873	1,194
Acres	241,920	217,574	201,222	223,781
Female				
Farms	164	300	255	951
Acres	14,770	7,994	27,944	96,440
Type of Organization				
Individual or Family (sole proprietorship)				
Farms	701	975	904	1,114
Acres	D	34,647	65,110	58,004
Partnership				
Farms	37	66	96	123
Acres	11,357	11,751	32,275	39,416
Corporation (family held)				
Farms	58	69	64	94
Acres	76,424	114,456	113,188	100,189
Corporation (other than family held)				
Farms	17	33	27	23
Acres	99,056	60,646	D	D
Other (cooperative, estate or trust, institutional, etc.)				
Farms	10	13	37	54
Acres	D	4,068	D	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

	2002	2007	2012	2017
Farms	823	1,156	1,128	1,408
Land in Farms	256,690	225,568	229,166	248,956
Average size of farms (acres)	312	195	203	177
Median size of farms (acres)	5	5	5	4
Estimated Market Value of Land & Buildings¹				
Average per farm (\$)	1,251,598	1,601,950	1,998,208	2,027,299
Average per acre (\$)	4,112	8,210	9,836	11,466
Estimated Market Value of Machinery & Equipment¹				
Average per farm (\$)	58,849	52,480	53,228	51,466
Farms by Size				
1 to 9 acres	505	766	711	1,010
10 to 49 acres	212	289	293	252
50 to 179 acres	56	48	61	75
180 to 499 acres	20	21	24	23
500 to 999 acres	7	11	10	16
1,000 acres or more	23	21	29	32
Total Cropland				
Farms	692	975	902	1,148
Acres	60,729	54,557	49,578	56,551
Harvested Cropland				
Farms	649	928	852	1,057
Acres	28,404	26,528	D	7,132
Irrigated Land				
Farms	462	650	603	651
Acres	26,855	28,027	41,548	4,849
Value of Agricultural Products Sold (\$1,000)	124,511	139,326	188,100	82,206
Crops, including greenhouse & nursery crops	116,645	132,058	181,480	74,211
Livestock, poultry, and their products	7,866	7,268	6,620	7,995
Value of Agricultural Products Sold per Farm (\$)	151,289	120,524	166,755	58,385

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

	2002	2007	2012	2017
Number of Farms Hiring	267	245	328	365
Number of Farms Hiring Migrant Workers	5	17	6	14
Hired Workers	2,804	2,051	2,311	1,880
Worked 150 days or more	1,856	1,386	1,655	1,174
Migrant workers	NA	NA	26	36
Payroll (\$1,000)	52,542	47,311	99,270	62,694

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

	2002	2007	2012	2017
Number of Livestock Operations, December 31				
Cattle	145	190	204	193
Hogs	54	57	81	80
Goats	12	86	131	214
Sheep and lambs	9	33	24	59
Horses	107	175	112	115
Poultry	48	119	119	211
Bees	8	41	50	114
Aquaculture	8	2	18	NA
Value of Livestock Sales (\$1,000)				
Cattle	4,670	5,689	5,231	D
Hogs	946	724	D	506
Goats	NA	NA	210	204
Sheep and lambs	NA	NA	21	45
Horses	NA	NA	51	D
Poultry	NA	NA	NA	NA
Bees	NA	NA	96	70
Aquaculture	D	D	D	NA

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

	2012		2017	
	Farms	Acres	Farms	Acres
Asparagus	6	D	5	D
Beans, Green Lima	3	1	8	4
Beans, Snap	28	38	35	119
Beets	13	7	27	12
Broccoli	11	69	15	73
Cabbage, Chinese	20	52	16	30
Cabbage, Head	16	106	13	80
Cabbage, Mustard	9	15	4	D
Carrots	6	2	18	25
Celery	2	D	4	1
Cucumbers and Pickles	18	236	16	D
Daikon	3	11	23	26
Eggplant	40	23	22	10
Garlic	1	D	7	D
Herbs, Fresh Cut	15	56	51	47
Kale	14	4	38	39
Lettuce, All	39	62	30	66
Mustard Greens	4	1	13	3
Okra	11	2	11	2
Onions, Dry	23	D	13	55
Onions, Green	33	31	27	19
Parsley	15	36	14	15
Peas, Chinese	4	2	12	2
Peppers, Bell	6	D	9	10
Peppers, Other than Bell	2	D	17	2
Potatoes	13	4	9	2
Pumpkins	24	D	15	33
Radishes	9	19	10	11
Squash, All	20	131	14	13
Sweet Corn	40	95	16	D
Sweet Potatoes	32	D	12	D
Taro ¹	NA	NA	58	85
Tomatoes	42	89	25	27
Watercress	4	D	4	D
Other Vegetables	60	276	71	127
Total	221	1,798	221	1,377

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

1. Taro root added to the vegetable section, removed from the field crop section.

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

5.1.7

**COFFEE
STATE OF HAWAI'I**

	Cherry Basis			
	Bearing Acreage	Yield per Acre	Total Production	Harvested not Sold
	(1,000 acres)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
2015-2016	6.9	4.60	31,740	1,603
2016-2017	7.0	4.18	29,260	689
*2017-2018	7.3	3.53	25,416	824

	Utilized Production	Price per Pound	Value of Utilized Production
	(1,000 pounds)	(\$)	(\$1,000)
Cherry			
2015-2016	30,137	1.55	46,712
2016-2017	28,571	1.71	48,856
*2017-2018	24,592	1.78	43,774
Parchment			
2015-2016	6,600	9.38	61,908
2016-2017	5,400	11.10	59,940
*2017-2018	6,050	11.10	67,155
Green			
2015-2016	5,280	10.50	55,440
2016-2017	4,320	16.50	71,280
*2017-2018	4,840	17.20	83,248

* Revised data

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

5.1.8

FRUITS AND NUTS MAUI COUNTY

	2012		2017	
	Farms	Acreage	Farms	Acreage
Noncitrus Fruits	440	1,512	667	2,809
Apples	4	D	16	7
Avocados	193	D	305	D
Bananas	232	199	313	253
Cherimoyas	NA	NA	17	8
Cherries, Tart	NA	NA	6	1
Coffee	77	D	95	D
Grapes	1	D	5	D
Guavas	28	20	30	9
Mangoes	59	36	105	54
Papayas	71	101	129	175
Passion Fruit	38	14	74	18
Peaches	6	D	15	D
Persimmons	19	39	26	47
Pineapple	6	D	55	D
Plums and Prunes	NA	NA	3	Z
Pomegranates	5	1	14	3
Other	120	182	202	339
Citrus Fruits	206	161	378	286
Grapefruit	34	11	93	30
Kumquats	2	D	9	D
Lemons	98	30	207	55
Limes	84	36	201	64
Oranges, All	78	41	219	72
Tangelos	21	D	59	D
Tangerines	57	19	119	35
Other	47	22	31	16
Nuts	71	592	67	579
Almonds	NA	NA	2	D
Macadamia Nuts	58	574	65	D
Pecans, All	NA	NA	2	D
Other Nuts	16	18	1	D

D: Withheld to avoid disclosure of individual operations. NA: Not available. Z: Less than half of the unit shown

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

2017	Farms	Sq ft under glass	Open acreage	Value of sales (\$)
Aquatic plants	4	0	2	13,898
Bulbs and tubers	3	0	D	15,000
Cuttings and seedlings	11	30,000	D	D
Bedding & garden plants	46	99,400	10	718,765
Cut flowers	166	259,340	449	3,693,146
Foliage, indoor	16	82,427	20	793,000
Potted flowering plants	39	210,156	3	1,347,700
Nursery stock crops	83	492,766	114	5,119,153
Sod	8	X	26	841,530
Vegetable seeds	2	0	D	D
Vegetable transplants	2	D	0	D

D: Withheld to avoid disclosure of individual operations. X: Not applicable

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

5.1.10

FARM MACHINERY AND EQUIPMENT, MAUI COUNTY

	2002*	2007	2012	2017
Value of all equipment (\$1000)	44,843	60,352	60,042	72,464
Average per farm (\$)	58,849	52,480	53,228	51,466
Trucks				
Farms	NA	862	774	1,001
Number	NA	1,362	1,347	1,602
Tractors				
Farms	453	547	554	586
Number	881	974	1,032	994
Grain and bean combines				
Farms	1	1	6	3
Number	D	D	9	D
Forage harvesters				
Farms	NA	13	5	1
Number	NA	13	5	D
Hay balers				
Farms	2	3	1	4
Number	D	3	D	4

* 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

	2002	2007	2012	2017
Commercial fertilizer	51,645	42,248	40,923	9,664
Manure	313	395	1,214	776
Acres treated to control				
Insects	9,901	5,566	4,424	8,891
Weeds	40,933	28,416	46,098	15,416
Nematodes	1,730	2,812	861	415
Diseases in crops	3,165	1,757	1,647	1,557
Chemicals used to control growth, thin fruit, ripen or defoliate	D	D	D	358

D: Data not provided to avoid disclosing individual information

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

5.1.12

ORGANIC AGRICULTURE STATE OF HAWAI'I

2017	State of Hawai'i	Hawai'i County	Honolulu County	Kaua'i County	Maui County
USDA Certified organic farms	152	84	22	11	35
USDA Exempt from certification organic farms ¹	15	5	3	2	5
Farms transitioning to organic	23	9	6	0	8
Value of sales of Certified or Exempt organically produced commodities					
Number of farms	146	81	25	13	27
Total organic product sales (\$1,000)	15,359	8,717	1,541	2,634	2,467
Farms by value of sales					
\$1 to \$4,999	21	7	3	2	9
\$5,000 or more	125	74	22	11	18

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**

	State of Hawai'i	Hawai'i County	Honolulu County	Kaua'i County	Maui County
2007					
Farms	121	58	24	9	30
Value (\$1,000)	22,911	D	6,647	D	8,464
2012					
Farms	233	106	36	39	52
Value (\$1,000)	17,768	1,029	6,449	3,874	6,416
2017					
Farms	294	172	28	25	69
Value (\$1,000)	16,609	D	D	1,525	7,590

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

	2002	2007	2012	2017
Income				
Total sales	124,511	139,326	188,100	82,206
Total income from farm-related sources, gross before tax and expenses	3,345	14,642	8,761	9,812
Customwork and other agricultural services	427	306	448	792
Gross cash rent or share payments	1,520	D	1,533	737
Sales of forest products	7	D	D	42
Agri-tourism and recreational services	907	8,464	6,416	7,590
Patronage dividends and refunds from cooperatives	4	D	D	6
Crop and livestock insurance payments	NA	D	146	143
Amount from state and local government payments	NA	D	184	120
Other farm-related income sources	480	D	92	382
Total federal government payments	264	688	558	2,174
Total farm production expenses	113,624	129,617	195,907	107,246
Fertilizer and lime purchased	4,714	7,976	15,426	3,523
Chemicals purchased	5,538	4,008	12,092	1,654
Seeds, plants, vines and trees purchased	2,368	3,810	5,534	1,685
Livestock purchased	545	601	679	595
Feed purchased	2,575	3,669	3,261	2,080
Petroleum products purchased	3,862	7,316	11,492	3,620
Utilities	7,294	9,857	3,978	4,688
Repairs, supplies and maintenance costs	16,472	21,992	23,095	7,738
Hired farm labor	52,542	47,311	99,270	62,694
Contract labor	967	2,530	1,670	1,725
Customwork and custom hauling	272	138	341	391
Cash rent for land, building and grazing fees	3,448	3,409	2,037	2,201
Rent and lease expenses	653	996	593	734
Interest expense	688	2,019	1,988	4,557
Property tax paid	1,006	2,170	2,294	3,712
Medical supplies, veterinary, and custom services	NA	0		
All other production expenses	10,682	11,815	0	329
Net cash farm income of the operations	12,303	25,039	1,512	(13,054)

NA: Not available

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

	2013	2014	2015	2016	2017
Fishing Method					
Aku Pole & Line	*	*	*	*	*
Longline	26,946,146	23,807,814	32,635,674	30,261,327	32,551,651
Deep Bottom Handline	453,239	462,414	397,245	401,774	472,177
Tuna Handline	2,341,090	1,660,354	1,711,745	1,166,568	1,302,119
Trolling	3,117,723	3,417,836	3,016,724	2,540,086	2,196,628
All Other	1,430,017	1,274,772	1,233,685	1,088,829	856,254
Total	34,288,215	30,623,190	38,995,073	35,458,584	37,378,829
Species Group					
Tunas	21,578,691	18,309,846	24,514,890	23,538,751	25,088,163
Bill & Swordfish	4,514,726	4,052,962	5,916,944	4,935,545	5,973,798
Misc. Pelagic	6,501,895	6,617,202	6,941,202	5,446,791	4,946,465
Deep Bottomfish	442,574	455,028	398,148	426,192	476,032
Akule/'Ōpelu	511,068	536,655	635,832	597,625	412,851
Inshore	395,832	370,713	303,934	256,712	245,543
All Other	343,429	280,784	284,123	256,967	235,978
Total	34,288,215	30,623,190	38,995,073	35,458,584	37,378,829

* 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	2013	2014	2015	2016	2017
Maui County	792,087	951,636	806,170	775,086	653,759
Maui	738,541	901,295	763,398	740,223	623,590
Moloka'i	46,423	40,506	35,902	26,088	21,663
Lāna'i	7,184	9,835	6,870	8,775	8,506
O'ahu	29,877,658	25,882,328	34,504,303	31,969,413	33,870,735
Hawai'i	2,796,997	3,017,653	2,909,455	2,009,945	2,218,973
Kaua'i and Ni'ihau	821,473	771,573	775,145	704,139	635,363
Total	34,288,215	30,623,190	38,995,073	35,458,584	37,378,829

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	2013	2014	2015	2016	2017
Kawai (Moloka'i Channel)	19,675	30,859	16,283	14,649	18,251
Penguin Bank	133,663	127,220	112,043	107,115	128,834
Kealaikahiki Channel	44,958	80,128	62,602	66,483	57,912
'Alenuihāhā Channel	88,649	162,585	113,565	113,718	98,191
'Au'au, Kalohi & Pailolo Channels	40,454	38,725	34,498	29,462	36,009
'Alalākeiki Channel	105,366	103,051	64,541	63,530	85,344
Moloka'i	43,523	39,838	22,061	24,108	39,219
Lāna'i	92,158	67,124	63,824	58,677	48,203
Kaho'olawe	18,526	9,368	4,020	4,168	22,685
Mākena - Hāna	32,199	23,506	26,348	18,377	22,533
Hāna - Kahului	177,724	215,436	265,400	127,431	157,055
Honolua - Lahaina	3,160	3,637	5,227	15,278	7,728
Lahaina - Mākena	71,056	67,769	54,979	151,356	56,926

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

Section 6

COMMUNICATION & TRANSPORTATION

This section covers statistics on communications and transportation.

Newspapers, radio and television station statistics are included in the first section (6.1). Data on cable television subscribers and revenues has been discontinued and replaced by data on computers and internet subscription.

Under transportation, statistics on fuel usage, registered drivers, aircraft and watercraft facilities and freight traffic are presented.

With more than 44,000 tons of cargo and mail passing through Kahului Airport and about 3,670,000 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
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

* Most recent data available
NA: Not available

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	2,700	Monthly

SOURCE: HAWAII BUSINESS RESEARCH LIBRARY.

6.1.3

COMPUTERS AND INTERNET BY COUNTY

2017	Maui	Hawai'i	Honolulu	Kaua'i	State
Total Households	53,560	68,857	312,625	22,980	458,078
Types of computing devices					
Has one or more types of computer	48,704	60,747	288,365	20,440	418,286
Desktop or laptop	42,097	52,128	251,839	17,178	363,272
Desktop or laptop only	2,170	7,610	12,427	886	23,093
Smartphone	45,024	50,091	266,661	18,674	380,480
Smartphone only	4,858	4,749	21,601	1,512	32,720
Tablet	33,502	38,416	210,489	12,847	295,266
Tablet only	299	869	2,473	306	3,947
Other computer	1,526	994	5,792	374	8,686
Other computer only	88	0	88	0	0
No computer	4,856	8,110	24,260	2,540	39,792
Internet					
With an Internet subscription	46,322	52,440	270,723	18,920	388,435
Cellular data plan only	3,815	6,428	28,915	4,897	44,055
Without an Internet subscription	7,238	16,417	41,902	4,060	69,643

SOURCE: U.S. CENSUS BUREAU, 2017 AMERICAN COMMUNITY SURVEY 1-YEAR ESTIMATES.

6.1.4

RADIO AND TELEVISION BROADCASTING STATIONS IN OPERATION, MAUI COUNTY, 2018

Commercial	Maui County	State Total
AM	12	43
FM	11	64
TV ¹	5	23
Public or Educational		
AM	0	0
FM	7	22
TV ¹	1	4

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	2015	2016	2017
Honoapi'ilani Hwy south of Kā'anapali Pkwy	30	23.58	42,100	43,300	43,800
Honoapi'ilani Hwy north of Kahana Kai Bridge	30	28.37	15,787	14,819	15,483
Pi'ilani Hwy near Līpoa Pkwy	31	1.47	36,900	34,721	42,400
Hāna Hwy near Central Power Plant Rd	36	1.70	41,000	37,525	37,400
Hāna Hwy near Baldwin Park	36	6.28	18,700	18,800	18,800
Keolani Pl near Palapala Dr	36A	0.50	15,500	14,400	9,500
Haleakalā Hwy near North Firebreak Rd	37	0.61	31,200	32,000	32,700
North Kīhei Hwy near 9th St	310	0.86	16,800	17,100	17,100
Mokulele Hwy near Nakii Rd	311	2.38	32,300	33,400	34,300
Kuihelani Hwy near Mauilani Pkwy	380	1.52	24,500	24,900	25,700

Annual average daily traffic (AADT), the average of 24 hour counts collected every day in the year, unless otherwise specified.

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

6.2.2

MOTOR VEHICLE CRASHES BY TYPE AND LOCATION MAUI COUNTY

Location	Major ¹		Minor ²		Civil ³		Non Traffic	
	2017	2018	2017	2018	2017	2018	2017	2018
Hā'iku	59	58	114	125	30	29	2	1
Hāli'imaile	10	6	11	12	0	0	0	0
Hāna	16	28	89	107	9	7	0	2
Hoolehua	6	5	13	9	3	2	0	0
Ka'anapali	41	38	91	99	115	103	3	3
Kahului	306	252	860	884	497	460	2	4
Kalaupapa	0	0	1	2	0	0	1	1
Kapalua	12	6	13	12	13	20	0	2
Kaunakakai	19	25	51	32	23	17	1	1
Kīhei	137	153	482	485	280	261	1	4
Kualapu'u	0	4	5	9	1	0	0	0
Kula	65	35	105	102	24	20	1	2
Lahaina	150	141	400	461	153	164	3	6
Lāna'i	6	8	24	33	5	6	1	1
Ma'alaea	30	26	62	56	13	17	1	0
Makawao	45	38	104	122	37	25	0	0
Mauna Loa	1	0	0	1	1	0	0	0
Nāpili	35	24	65	81	54	76	0	2
Pā'ia	39	35	97	123	37	44	0	2
Pukalani	22	30	93	89	49	49	0	0
Pūko'o	0	3	4	2	0	0	0	0
Spreckelsville	5	6	8	8	3	4	0	0
Waiehu	27	10	58	60	8	5	1	0
Waihe'e	11	7	35	21	4	3	0	0
Waikapu	13	6	31	25	7	3	0	0
Wailea	40	38	62	62	55	62	1	2
Wailuku	220	116	541	486	216	207	3	4
Total	1,315	1,098	3,419	3,508	1,637	1,584	21	37

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**

2018	Price per Gallon	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Wailuku	Regular	3.798	3.907	3.924	3.957	3.991	4.042	4.092	4.073	4.082	4.152	4.137	3.870
	Mid Grade	3.872	3.988	4.020	4.073	4.145	4.175	4.208	4.223	4.240	4.311	4.272	4.022
	Premium	3.976	4.088	4.120	4.171	4.242	4.273	4.303	4.325	4.330	4.408	4.364	4.065
	Diesel Prices	4.097	4.071	4.109	4.167	4.203	4.235	4.235	4.244	4.244	4.255	4.250	4.263
Hilo	Regular	3.338	3.461	3.532	3.590	3.686	3.748	3.826	3.849	3.861	3.940	3.886	3.512
	Mid Grade	3.462	3.595	3.662	3.712	3.820	3.872	3.950	3.977	3.983	4.083	4.033	3.656
	Premium	3.644	3.750	3.826	3.867	3.978	4.038	4.107	4.135	4.130	4.232	4.175	3.812
	Diesel Prices	4.121	4.169	4.181	4.254	4.284	4.269	4.258	4.260	4.263	4.291	4.295	4.289
O'ahu	Regular	3.173	3.288	3.355	3.415	3.547	3.601	3.620	3.626	3.638	3.751	3.711	3.373
	Mid Grade	3.312	3.428	3.508	3.567	3.709	3.769	3.788	3.797	3.809	3.920	3.892	3.574
	Premium	3.460	3.570	3.648	3.705	3.849	3.909	3.924	3.930	3.945	4.049	4.020	3.701
	Diesel Prices	4.016	4.026	4.036	4.095	4.111	4.111	4.114	4.126	4.149	4.207	4.212	4.196
Kaua'i	Not available												

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	41.62
31	Pi'ilani Hwy ¹	7.15
36	Hāna Hwy	16.21
37	Haleakalā Hwy, Kula Hwy	21.34
360	Hāna Hwy, Keawa Pl	34.83
378	Haleakalā Crater Rd	10.10
Moloka'i		
450	Kamehameha V Hwy	27.50
460	Kaunakakai Pl & Maunaloa Hwy	16.55
Lāna'i		
440	Kaumalapau Hwy & Mānele Rd	13.17

1. Not including 4.86 miles proposed.

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION, 2017.

6.2.5

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

	2012	2013	2014	2015	2016	2017
Driver's Licenses in Force	110,666	110,585	111,664	114,569	118,852	120,703
All Vehicles	186,047	197,965	186,519	179,937	181,601	184,773
Motor Vehicles	181,307	193,610	182,467	176,034	177,680	180,802
Passenger vehicles ¹	143,237	154,715	144,683	138,937	139,856	141,425
Ambulances	17	16	17	21	23	21
Buses	191	201	192	188	192	161
Trucks ¹	32,705	33,263	32,587	32,489	33,173	33,570
Truck tractors	71	75	80	79	82	82
Truck cranes	79	76	76	85	86	89
Motorcycles, motorscooters ²	5,007	5,264	4,832	4,235	4,268	5,454
Trailers and semi-trailers	4,740	4,355	4,052	3,903	3,921	3,971

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

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

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, MOTOR VEHICLE SAFETY OFFICE, AND SAFE COMMUNITIES PROGRAM.

6.2.6

HIGHWAY BRIDGES BY ISLAND, DECEMBER 31, 2017

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, 2017

Island	Total Mileage	Paved		Unpaved
		Freeways	Other	
State Total	4,476.27	88.49	4,214.66	173.11
Hawai'i	1,510.44	-	1,450.44	60.00
Maui	649.81	-	593.11	56.70
Lāna'i	48.00	-	34.00	14.00
Moloka'i	136.32	-	124.32	12.00
O'ahu	1,684.77	88.49	1,593.35	7.92
Kaua'i	441.93	-	419.44	22.49

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION.

6.2.8

MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES

Year	Highway Fuel Consumption ¹		Annual Vehicle Miles of Travel	
	Total (1,000 gallons)	Gallons per Vehicle ²	Total (millions)	Per Vehicle ²
Maui County				
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
2015	71,127	404	1,563.3	8,881
2016	68,556	388	1,577.7	8,926
2017	74,117	412	1,605.6	8,926
State				
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
2015	540,559	480	11,129.7	9,465
2016	531,740	457	11,132.0	9,430
2017	553,656	478	11,350.6	9,415

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, 2017

Taxation Status	State Total	Maui	Hawai'i	Honolulu	Kaua'i
Taxable Vehicles	1,121,908	172,652	194,384	674,137	80,735
Exempt Vehicles	98,324	2,696	2,796	91,644	1,188
Federal government	432	3	6	423	0
State government	6,998	2	6	6,990	0
County government	8,404	1,249	1,166	5,406	583
Fire department	345	70	148	61	66
Police department	1,863	137	411	1,274	41
Consulates	54	0	2	52	0
Disabled veterans	430	9	303	112	6
Military non-resident	66,954	66	62	66,661	165
Farm	133	23	60	48	2
Horseless carriage	58	0	1	49	8
Electric vehicles	6,791	918	359	5,284	230
National Guard	5,862	219	272	5,284	87
Total Registered	1,220,232	175,348	197,180	765,781	81,923

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

6.2.10

DRIVERS INVOLVED IN FATAL CRASHES AND BLOOD ALCOHOL CONCENTRATION (BAC) OF THE DRIVER, 2017

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	35	21	60	14	40	3	9	11	31
Honolulu	49	29	59	20	41	3	6	17	35
Kaua'i	6	5	83	1	17	0	0	1	17
Maui	17	3	18	14	82	1	6	13	76
State	107	58	54	49	46	7	7	42	39

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

	2012	2013	2014	2015 ³	2016 ⁴
Major Traffic Accidents¹					
Honolulu	466	1,650	2,368	2,304	7
Hawai'i	825	357	696	491	1
Kaua'i	240	249	324	386	0
Maui	24	17	644	578	14
Fatal Accidents²					
Honolulu	49	50	53	48	55
Hawai'i	36	21	13	17	27
Kaua'i	6	7	8	3	8
Maui	23	16	21	17	19
Persons Injured					
Honolulu	401	1,457	1,989	2,021	6
Hawai'i	813	377	618	404	0
Kaua'i	201	223	236	284	0
Maui	28	7	693	636	17
Persons Killed²					
Honolulu	56	53	53	48	59
Hawai'i	38	26	13	21	32
Kaua'i	8	7	8	3	8
Maui	23	16	21	21	21

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 Administration.

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, 2018

Airport	Total Operations	Air Carrier	Air Taxi	General Aviation	Military
Honolulu International	311,814	158,410	96,949	41,628	14,827
Kahului	149,031	52,930	73,433	21,325	1,343
Kona International	121,542	31,528	23,190	59,624	7,200
Līhu'e	137,958	29,441	82,879	23,219	2,419
Hilo International	82,840	16,392	3,104	60,112	3,232
Moloka'i	40,541	0	35,793	3,860	888
Kalaeloa	162,708	8	72	140,006	22,622

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

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

Air Taxi: Small commercial aircraft with 60 seats or less.

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

SOURCE: FEDERAL AVIATION ADMINISTRATION, AIR TRAFFIC ACTIVITY SYSTEM, AIRPORT OPERATIONS, STANDARD REPORT.

6.2.13

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

	2011	2012	2013	2014	2015	2016	2017	2018
Kahului Airport								
All movements	121,962	130,010	128,303	128,612	134,674	136,654	147,386	149,031
Air carrier	38,078	43,374	45,018	49,994	51,988	52,768	55,292	52,930
Air taxi	62,151	65,872	61,623	60,132	65,356	63,743	72,084	73,433
General aviation	18,646	18,418	18,998	15,995	14,878	18,156	18,510	21,325
Military	3,087	2,346	2,664	2,491	2,452	1,987	1,500	1,343
Moloka'i Airport								
All movements	30,056	34,672	34,518	34,363	37,328	44,822	38,622	40,541
Air carrier	0	0	1,358	329	0	2	332	0
Air taxi	21,038	26,475	24,005	27,020	31,728	38,896	33,349	35,793
General aviation	6,539	6,352	6,041	5,168	4,180	4,546	4,034	3,860
Military	2,479	1,845	3,114	1,846	1,420	1,378	907	888

SOURCE: FOR 2011 TO 2015, HAWAII STATE DEPARTMENT OF TRANSPORTATION, AIRPORTS DIVISION. FOR 2016 TO 2018, FEDERAL AVIATION ADMINISTRATION, AIR TRAFFIC ACTIVITY SYSTEM, AIRPORT OPERATIONS, STANDARD REPORT.

6.2.14

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

Airport	2015		2016		2017	
	Outgoing	Incoming	Outgoing	Incoming	Outgoing	Incoming
Passengers¹						
Kahului						
Interisland	1,436,763	1,445,357	1,451,726	1,406,663	1,411,198	1,424,625
Overseas	1,900,226	1,896,426	2,014,867	1,996,417	2,072,007	2,075,936
Moloka'i	119,981	122,176	125,476	126,983	84,139	87,488
Lāna'i	40,123	38,515	43,225	43,291	37,864	37,492
Kapalua	31,186	31,042	28,629	28,074	35,760	35,729
Hāna	1,968	1,858	2,019	1,951	2,439	2,211
Kalaupapa	6,408	5,889	5,835	5,671	5,598	5,354
Cargo (U.S. tons)						
Kahului						
Interisland	6,080	14,432	6,019	13,706	8,478	25,211
Overseas	1,229	9,477	1,152	9,638	1,400	9,691
Moloka'i	230	825	201	810	156	353
Lāna'i	48	837	57	985	127	144
Kapalua	191	1,102	145	816	188	1,069
Hāna	0	0	0	0	0	0
Kalaupapa	18	92	22	92	0	0
Mail (U.S. tons)						
Kahului						
Interisland	1,818	5,545	1,603	4,938	1,741	6,277
Overseas	690	3,476	688	3,352	12	0
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

Foreign and domestic fishing craft

	2013	2014	2015	2016	2017
Total Inbound Vessels	688	1,033	1,364	802	688
By Type of Vessel					
Self propelled vessels					
Passenger and dry cargo	60	66	79	56	58
Tanker	12	11	3	13	13
Towboat or tugboat	307	494	559	289	164
Non-self propelled vessels					
Dry cargo	238	357	623	350	356
Tanker	71	105	100	94	97
By Draft					
Less than or equal 18 feet	562	851	875	592	486
More than 8 feet	126	182	489	210	202

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
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
2015	3,720	2,361	1,358
2016	3,858	2,396	1,462
2017	3,671	2,425	1,246

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

2017	Total	Domestic Inbound	Domestic Outbound	Foreign Inbound
All Commodities	3,671	2,404	1,246	21
Total Petroleum and Petroleum Products	462	441	0	21
2211 Gasoline	73	73	0	0
2221 Kerosene	133	133	0	0
2330 Distillate fuel oil	165	165	0	0
2340 Residual fuel oil	63	63	0	0
2350 Lube oil & greases	1	1	0	0
2640 Hydrocarbon & petrol gases	28	7	0	21
Total Chemicals and Related Products	13	12	1	0
3190 Fertilizers & mixes NEC	2	2	0	0
3220 Alcohols	10	10	0	0
3299 Chemical products NEC	1	0	1	0
Total Crude Materials, Inedible (Except Fuels)	31	19	12	0
4189 Lumber	17	17	0	0
4190 Forest products NEC	1	1	0	0
4225 Pulp & waste paper	7	0	7	0
4420 Iron & steel scrap	5	1	5	0
Total Primary Manufactured Goods	72	66	6	0
5190 Paper products NEC	4	4	0	0
5220 Cement & concrete	56	56	0	0
5360 Iron & steel bars & shapes	2	2	1	0
5370 Iron & steel pipe & tube	1	1	0	0
5480 Fabricated metal products	8	3	5	0

CONTINUES ON THE NEXT PAGE

6.2.17

CONTINUED

	Total	Domestic Inbound	Domestic Outbound	Foreign Inbound
Total Food and Farm Products	188	124	64	0
6134 Fish (not shellfish)	2	2	0	0
6442 Rice	2	2	0	0
6654 Vegetables & products	14	14	0	0
6781 Hay & fodder	2	2	0	0
6782 Animal feed, prepared	3	3	0	0
6811 Meat, fresh, frozen	1	1	0	0
6839 Animals & products NEC	3	1	2	0
6861 Sugar	31	0	31	0
6865 Molasses	25	0	25	0
6885 Alcoholic beverages	30	28	2	0
6887 Groceries	10	7	2	0
6889 Food products NEC	60	59	1	0
6899 Farm products NEC	5	5	0	0
Total All Manufactured Equipment, Machinery	2,905	1,742	1,163	0
7110 Machinery (not electric)	2	2	1	0
7120 Electrical machinery	2	1	1	0
7210 Vehicles & parts	149	82	67	0
7230 Ships & boats	1	1	1	0
7400 Manufactured wood products	49	40	9	0
7600 Rubber & plastic products	1	0	0	0
7900 Manufactured products NEC	2,701	1,617	1,084	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 HAWAII', CALENDAR YEARS.

6.2.18

FREIGHT TRAFFIC BY COMMODITY HISTORICAL, KAHULUI HARBOR

In short tons

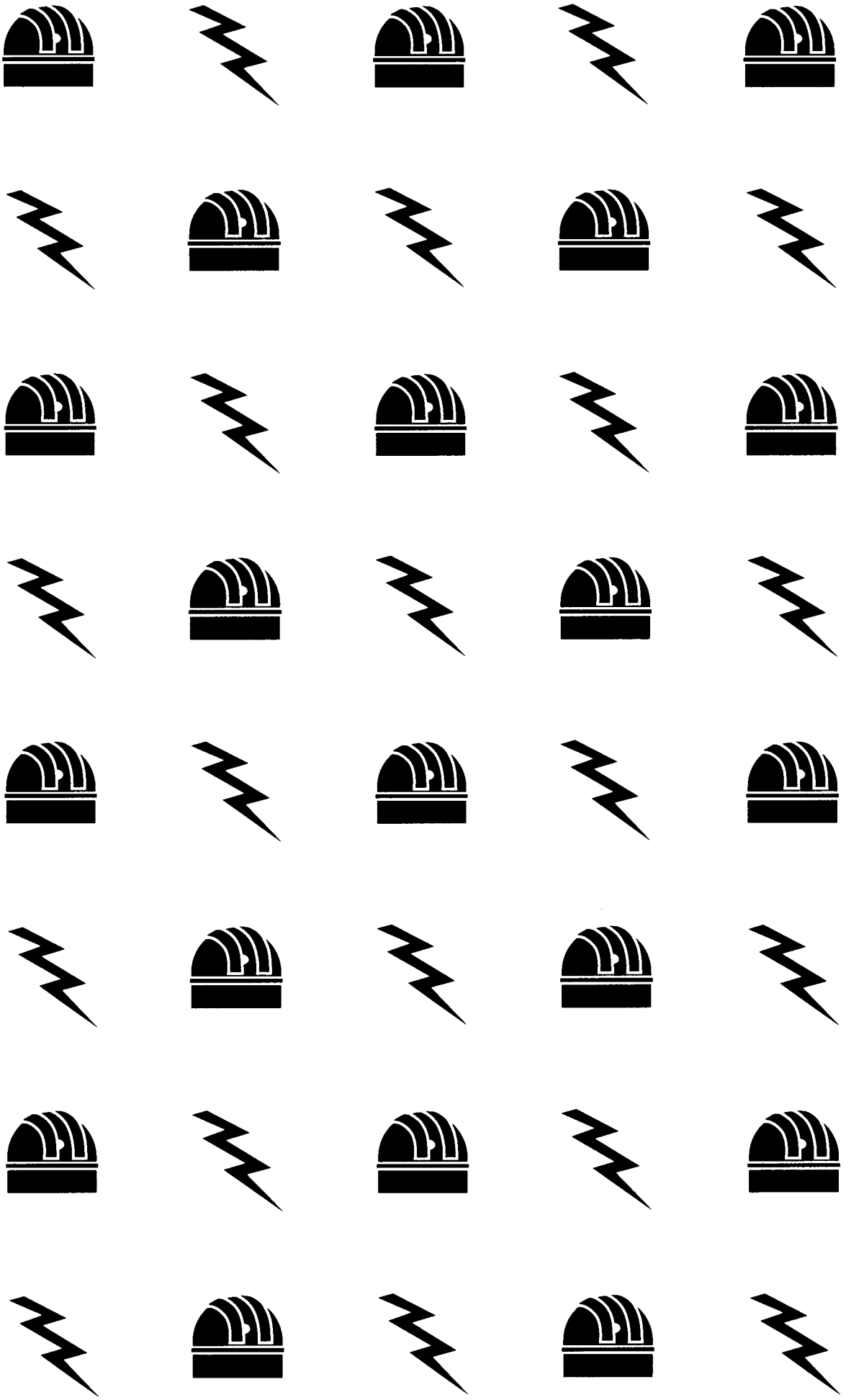
	2013	2014	2015	2016
All Commodities	3,668,583	3,738,648	3,719,568	3,858,000
Receipts	2,301,849	2,421,915	2,361,345	2,375,000
Shipments	1,366,734	1,316,733	1,358,223	1,453,000
Total Coal	33,000	0	0	0
Receipts	0	0	0	0
Shipments	33,000	0	0	0
Total Petroleum and Petroleum Products	417,242	468,138	390,767	410,000
Receipts	416,709	465,298	389,888	388,000
Shipments	533	2,840	879	1,000
Total Chemicals and Related Products	18,579	22,945	17,073	16,000
Receipts	18,208	22,705	15,718	15,000
Shipments	371	240	1,355	0
Total Crude Materials, Inedible (Except Fuels)	27,387	35,499	37,036	35,000
Receipts	14,162	21,666	21,857	20,000
Shipments	13,225	13,833	15,179	14,000
Total Primary Manufactured Goods	59,551	60,159	64,229	68,000
Receipts	54,456	54,986	58,594	63,000
Shipments	5,095	5,173	5,635	5,000
Total Food and Farm Products	287,061	200,535	211,084	313,000
Receipts	105,666	105,102	100,592	113,000
Shipments	181,395	95,433	110,492	191,000
Total All Manufactured Equipment, Machinery	2,825,193	2,951,353	2,999,370	3,016,000
Receipts	1,692,644	1,752,158	1,774,687	1,775,000
Shipments	1,132,549	1,199,195	1,224,683	1,241,000
Total Waste and Scrap, NEC	566	19	9	0
Receipts	0	0	9	0
Shipments	566	19	0	0
Total Unknown or Not Elsewhere Classified	4	0	0	0
Receipts	4	0	0	0
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) ¹	Annual Operating Cost (\$ mil)	County Based Staff	Operational
Mauna Kea Observatories:				
UH 2.2-m (Optical/Infrared)	5	1.0	6	1970
Canada-France-Hawai'i 3.6-m (Optical/Infrared)	30	7.4	49	1979
NASA IRTF 3.0-m (Infrared)	10	5.1	19	1979
UKIRT 3.8-m (Infrared)	5	2.2	6	1979
James Clerk Maxwell 15-m Submillimeter	32	4.7	36	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	14.2	125	1992/1996
Subaru (Japan National Large Telescope)				
8-m (Optical/Infrared)	170	17.0	101	1999
Fredrick C. Gillett Gemini 8m (Optical/Infrared)	92	15.0	83	1999
Submillimeter Array 8x6-m	80	5.5	23	2003
Mauna Kea Observatories Support Services	X	5.4 ²	51	1980
Total	601	72.4	501	
Haleakalā Observatories:				
Mees Solar Observatory	1	0.2	1	1963
Haleakalā Observatories Projects	X	0.2	2	NA
Maui Space Surveillance Site (MSSS)	250	26.3	117	1965
Ground-Based Electro-Optical Deep Space				
Surveillance (GEODSS)	25	6.1	16	1983
Faulkes 2-m Telescope	10	0.6	2	2003
Transportable Laser Ranging System (TLRS4)	1	0.5	5	2005
Panoramic Survey Telescope And Rapid				
Response System (Pan-STARRS)	110	5.6	11	2009
Haleakalā Support Facilities	9	1.2	15	1962/2008
Daniel K. Inouye Solar Telescope (DKIST) ³	344	18.0 ⁴	35	
Total	749	40.7	202	

X Not applicable. Note: 2016 data for Mauna Kea and 2017 data for Haleakala.

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.

3. Daniel K. Inouye Solar Telescope scheduled to be operational by 2020.

4. Operational cost of \$18 million not included in the total.

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

7.1.2

ELECTRIC UTILITIES MAUI COUNTY

	2013	2014	2015	2016	2017
Customers, Dec 31					
Total					
Maui Island	64,657	65,124	65,603	65,922	66,394
Moloka'i	3,211	3,186	3,212	3,212	3,226
Lāna'i	1,709	1,732	1,718	1,738	1,732
Maui County	69,577	70,042	70,533	70,872	71,352
Residential					
Maui Island	55,301	55,670	56,085	56,318	56,728
Moloka'i	2,649	2,648	2,672	2,671	2,689
Lāna'i	1,469	1,484	1,474	1,486	1,485
Maui County	59,419	59,802	60,231	60,475	60,902
Other					
Maui Island	9,356	9,454	9,518	9,604	9,666
Moloka'i	562	538	540	541	537
Lāna'i	240	248	244	252	247
Maui County	10,158	10,240	10,302	10,397	10,450
Peak Demand (mW)¹					
Maui Island	194.8	190.3	194.7	222.0	202.9
Moloka'i	5.5	5.4	5.3	6.0	5.9
Lāna'i	4.6	5.0	4.8	5.0	6.0
Power Sold (1,000 kWh)					
Total					
Maui Island	1,079,935	1,076,321	1,083,129	1,059,576	1,036,638
Moloka'i	29,380	29,207	28,685	28,169	28,199
Lāna'i	25,558	26,529	25,817	29,997	29,947
Maui County	1,134,873	1,132,056	1,137,630	1,117,742	1,094,784
Residential					
Maui Island	369,877	364,174	363,863	348,787	345,906
Moloka'i	10,459	9,915	9,811	10,000	10,379
Lāna'i	7,572	7,890	7,492	7,569	7,407
Maui County	387,908	381,979	381,167	366,356	363,692
Other					
Maui Island	710,058	712,146	719,265	710,789	690,732
Moloka'i	18,921	19,292	18,873	18,169	17,820
Lāna'i	17,985	18,639	18,325	22,428	22,540
Maui County	746,964	750,077	756,464	751,386	731,093

CONTINUES ON THE NEXT PAGE

7.1.2

CONTINUED

	2013	2014	2015	2016	2017
Average Annual Use, Dec 31 (kWh)					
Residential					
Maui Island	6,688	6,542	6,488	6,193	6,098
Moloka'i	3,948	3,744	3,672	3,744	3,860
Lāna'i	5,155	5,317	5,083	5,094	4,988
Other					
Maui Island	75,893	75,327	75,569	74,010	71,460
Moloka'i	33,667	35,858	34,951	33,584	33,184
Lāna'i	74,938	75,156	75,103	89,000	91,257
Average Rate (dollars per kWh)					
Residential					
Maui Island	0.37824	0.37827	0.31048	0.28485	0.30644
Moloka'i	0.46435	0.47062	0.37597	0.32700	0.35574
Lāna'i	0.46344	0.45848	0.37630	0.33518	0.35872
Other					
Maui Island	0.36193	0.36142	0.29260	0.26509	0.28580
Moloka'i	0.45530	0.45366	0.35837	0.31042	0.33900
Lāna'i	0.46317	0.45907	0.38325	0.33645	0.35839
Revenues (\$1,000)					
Total					
Maui Island	396,894	395,142	323,427	287,774	303,413
Moloka'i	13,471	13,418	10,452	8,910	9,733
Lāna'i	11,840	12,174	9,842	10,083	10,735
Maui County	422,205	420,734	343,722	306,767	323,882
Residential					
Maui Island	139,902	137,757	112,973	99,352	105,999
Moloka'i	4,856	4,666	3,689	3,270	3,692
Lāna'i	3,509	3,617	2,819	2,537	2,657
Maui County	148,267	146,040	119,481	105,159	112,348
Other					
Maui Island	256,991	257,385	210,455	188,422	197,414
Moloka'i	8,615	8,752	6,764	5,640	6,041
Lāna'i	8,330	8,557	7,023	7,546	8,078
Maui County	273,936	274,694	224,241	201,608	211,533

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 MAUI ELECTRIC COMPANY, CALCULATIONS BY HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM.

7.1.3
GAS UTILITIES
MAUI COUNTY

Excludes bottled gas

	2013	2014	2015	2016	2017
Island of Maui					
Customers, Dec. 31					
Residential	420	423	423	417	448
Other	90	88	89	89	89
Total	510	511	512	506	535
Gas Sold (1,000 therms)					
Residential	107	104	100	98	102
Other	770	798	740	710	736
Total	876	902	840	809	838
Average Annual Use (therms)					
Residential	254	246	237	236	229
Other	8,551	9,065	8,314	7,982	8,269
Average Rate (dollar per therm)					
Residential	3.90245	4.26276	3.88384	3.47193	3.30761
Other	2.54380	2.86278	2.43153	2.03090	1.90937
Revenues (\$1,000)					
Residential	417	443	390	341	339
Other	1,958	2,284	1,799	1,443	1,405
Total	2,374	2,727	2,189	1,784	1,744
Islands of Moloka'i and Lāna'i¹					
Customers, Dec. 31					
Moloka'i	91	84	82	84	82
Lāna'i	21	22	22	22	22
Gas Sold (1,000 therms)					
Moloka'i	15	15	14	16	15
Lāna'i	3	3	3	4	4
Average Annual Use (therms)					
Moloka'i	165	181	175	192	180
Lāna'i	136	129	136	169	176
Average Rate (dollar per therm)					
Moloka'i	4.52344	4.85508	4.37824	3.87047	3.84605
Lāna'i	5.17527	5.54700	5.07402	4.48074	4.41766
Revenues (\$1,000)					
Moloka'i	68	74	63	62	57
Lāna'i	15	16	15	17	17

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

	2012	2013	2014	2015	2016
Coal	16.6	15.3	17.2	15.6	16.4
Natural Gas	0.2	0.2	0.2	0.2	0.2
Petroleum					
Distillate fuel oil	35.2	33.0	25.2	27.3	26.2
Jet fuel	64.1	64.2	73.3	76.1	74.3
Liquefied petroleum gas	3.4	3.2	3.2	2.7	3.1
Motor gasoline	50.7	51.0	51.5	51.5	52.7
Residual fuel oil	67.4	65.2	62.1	61.3	60.9
Other	17.0	16.3	0.0	0.0	17.8
Total Petroleum	237.9	233.0	234.2	218.9	234.9
Renewable Energy					
Hydroelectric	1.1	0.7	0.9	1.1	0.8
Biomass	9.6	11.2	11.4	11.5	12.5
Wood and waste	6.7	8.2	7.5	7.5	8.5
Ethanol fuel	2.9	3.0	3.9	3.9	4
Geothermal	2.5	2.6	2.2	2.2	2.4
Solar / Photovoltaic	6.7	9.3	8.4	8.4	9.8
Wind	3.6	4.8	5.7	5.7	5.9
Total Renewable Energy	23.5	28.6	28.6	28.8	31.4
Total Energy Consumption	278.2	277.1	280.2	263.5	282.9

Note: 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

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
	Number of Services									
Maui County	35,540	35,611	35,698	35,753	35,866	36,040	36,104	36,211	36,365	36,615
Maui	33,876	33,947	34,038	34,090	34,200	34,373	34,439	34,552	34,692	34,931
Moloka'i	1,664	1,664	1,660	1,663	1,666	1,667	1,665	1,659	1,673	1,684
	Consumption (million gallons)									
Maui County	12,074	12,214	12,371	12,675	13,253	11,851	11,684	11,785	11,624	11,750
Maui	11,794	11,916	12,089	12,410	12,958	11,592	11,427	11,523	11,376	11,509
Moloka'i	280	298	282	265	295	259	257	262	248	241

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

7.1.6

**DAILY AVERAGES FOR WATER PRODUCTION
BY AREA, MAUI COUNTY, 2018**

In thousands of gallons

Area	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Previous 12 Months
Central Maui													
Groundwater-Īao	15,939	13,743	14,703	13,400	15,639	17,828	18,368	16,612	15,965	16,214	15,218	15,292	15,743
Īao Tunnel	1,477	1,483	1,548	1,555	1,542	1,581	1,567	1,638	1,579	1,576	1,590	1,589	1,560
Groundwater-Waihe'e	3,475	3,500	3,811	3,983	3,962	4,176	4,273	4,398	4,340	3,972	3,942	4,205	4,003
Kepaniwai	715	718	720	720	720	715	714	711	716	720	720	717	717
Maui Lani	1,088	1,097	1,100	1,099	1,078	1,098	1,097	1,095	1,125	1,095	1,098	1,100	1,098
Surface water	472	208	573	398	0	182	39	20	0	128	1,333	679	336
Upcountry Maui													
Surface water	6,004	4,647	4,817	4,538	5,057	6,680	6,937	6,233	5,678	5,430	5,326	5,603	5,579
Groundwater	836	708	796	774	757	567	579	617	785	762	804	987	748
West Maui													
Surface water	3,540	3,621	3,866	3,730	3,849	3,783	3,896	3,959	3,598	3,362	3,632	3,545	3,698
Groundwater	1,908	1,218	1,306	1,142	1,438	2,209	2,318	1,772	1,619	1,900	1,533	1,584	1,662
East Maui													
Groundwater	303	309	321	356	305	372	323	340	341	341	267	291	322
Moloka'i													
Groundwater	810	715	818	781	885	1,020	1,018	955	829	825	883	794	861
Total Water Production	36,566	31,967	34,379	32,476	35,232	40,211	41,129	38,349	36,575	36,325	36,346	36,387	36,329

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 2018)

Schedule A		Schedule B (Meter Size)	Per meter/ per month
Family Dwellings, 5/8" meters			
0 - 5,000 gal	\$2.00	5/8 inch	\$19.25
5,001 - 15,000	\$3.80	3/4 inch	\$31.00
15,001 - 35,000	\$5.70	1 inch	\$46.00
Over 35,000	\$6.35	1 1/2 inch	\$88.00
Rates (All Others)			
0 - 5,000 gal	\$2.00	2 inch	\$137.00
5,001 - 15,000	\$3.80	3 inch	\$242.00
Over 15,000	\$5.70	4 inch	\$420.00
Agricultural Rates			
Over 15,000	\$1.10	6 inch	\$770.00
Non-Potable Agricultural Rates			
All usage	\$1.00	8 inch	\$1,215.00

**Water System
Development Fee Schedule**

Meter Size	Fee*
5/8 inch	\$12,060
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

* Plus installation charges.

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY.

7.1.8

**WATER SERVICE BY METER SIZE
MAUI COUNTY**

Fiscal year ending June 30, 2018

District	5/8"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	Total
Regular Rates										
Wailuku	17,449	1,704	591	436	426	58	35	6	1	20,706
Makawao	8,999	351	187	81	35	9	1	2	0	9,665
Lahaina	2,704	279	141	128	124	30	10	2	0	3,418
Hāna	462	42	9	6	4	0	0	0	0	523
Moloka'i	1,564	44	33	15	17	2	0	1	0	1,676
Subtotal	31,178	2,420	961	666	606	99	46	11	1	35,988
Agricultural Meters										
Wailuku	28	15	7	3	1	2	1	0	0	57
Makawao	286	52	68	82	31	0	0	0	0	519
Lahaina	4	3	5	0	1	0	1	0	0	14
Hāna	27	0	2	0	0	0	0	0	0	29
Moloka'i	5	1	2	0	0	0	0	0	0	8
Subtotal	350	71	84	85	33	2	2	0	0	627
Total	31,528	2,491	1,045	751	639	101	48	11	1	36,615

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2018.

7.1.9

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

Fiscal year ending June 30, 2018

	1,000 Gallons	Amount	Cost per 1,000 Gallons
Purchased from			
East Maui Irrigation	2,234,467	134,738	0.060
Wailuku Water Co.	220,769	118,001	0.535
Maui Land & Pine	659,657	181,963	0.276
Hawaiian Home Lands*	7,372	48,115	6.527
Total	3,122,266	482,818	0.155
District			
Wailuku	220,769	118,001	0.535
Kula	190,572	11,492	0.060
Makawao	2,036,563	122,805	0.060
Lahaina	659,657	181,963	0.276
Hāna	7,332	442	0.060
Moloka'i	7,372	48,115	6.527
Total	3,122,266	482,818	0.155

* Billed bi-monthly.

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2018.

7.1.10

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

Fiscal year ending June 30, 2018

District	Services	Change from FY 2017	Consumption (1,000 gal)	Change from FY 2017 (1,000 gal)
Wailuku District				
Wailuku	6,370	81	1,305,111	32,058
Waihe'e	196	1	25,226	3,466
Waikapū	970	1	124,417	2,990
Wailuku Heights	497	1	68,386	1,753
Kahului	5,336	32	1,503,536	64,277
Pu'unēnē	11	0	16,378	(6,345)
Kīhei	6,017	9	3,908,780	15,320
Mā'alaea	45	0	107,242	19,372
Mākena	203	0	212,718	(3,966)
Pā'ia-Kū'au	912	4	151,581	7,352
Spreckelsville	206	1	60,138	(2,035)
Subtotal	20,763	130	7,483,513	134,242
Makawao District				
Kokomo-Kaupakalua	1,147	2	148,680	7,010
Kuiaha	302	0	43,626	(665)
Ha'ikū-Pa'uwela	853	4	119,911	12,117
Makawao	2,016	1	268,910	6,592
Pukalani	2,122	48	310,006	16,812
Hāli'imaile	200	1	34,753	539
Upper Kula	2,312	3	420,368	(21,863)
Lower Kula	1,112	7	611,233	5,591
'Ulupalakua-Kanaio	81	(1)	45,746	(927)
Kula Ag. Park	39	0	140,512	(3,867)
Subtotal	10,184	65	2,143,745	21,339
Lahaina District				
Lahaina	2,166	39	800,722	4,190
Honokōwai	450	1	507,708	872
'Alaeloa	803	1	513,282	(25,727)
Honokōhau	13	0	1,048	(177)
Subtotal	3,432	41	1,822,760	(20,842)
Moloka'i District				
Kawela-Kaunakakai	1,169	7	178,135	(11,054)
'Ualapu'e	396	4	55,254	4,251
Kala'e	113	0	7,264	(594)
Hālawā	6	0	0	(1,006)
Subtotal	1,684	11	240,653	(8,403)
Hāna District				
Hāna	407	4	48,172	155
Nāhiku	38	(1)	3,046	(285)
Ke'anae	86	0	6,179	(1,169)
Kaupō	21	0	1,516	(163)
Subtotal	552	3	58,913	(1,462)

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2018.

7.1.11

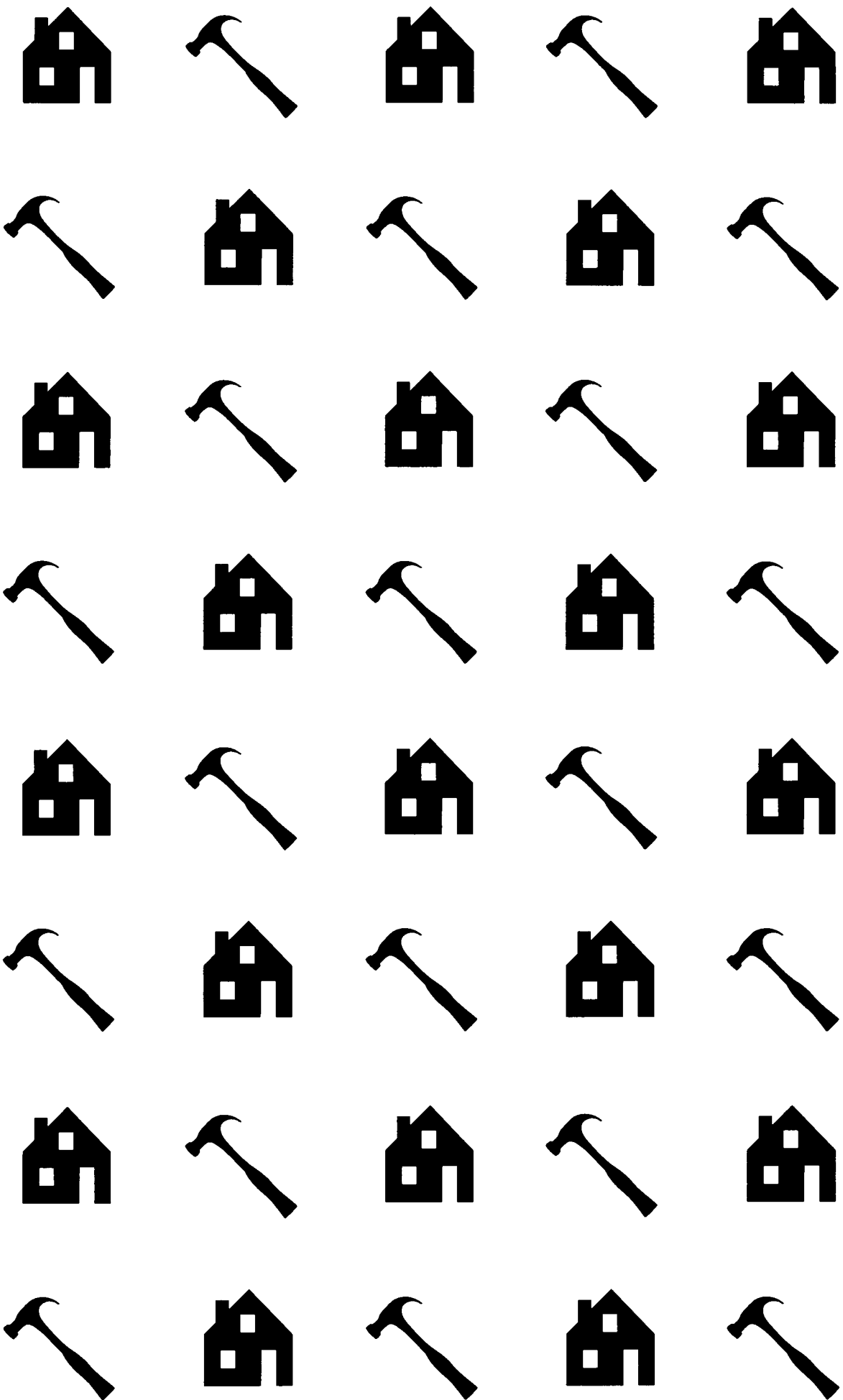
WATER CONSUMPTION BY DISTRICT MAUI COUNTY

Fiscal year ending June 30, 2018; In 1,000 gallons

Months	Total	Wailuku	Makawao	Kula	Lahaina	Moloka'i	Hāna
General							
July	994,024	678,566	87,668	52,980	169,530	794	4,486
August	960,931	624,709	74,766	48,266	158,905	49,497	4,788
September	1,088,432	727,213	92,870	54,327	189,707	21,604	2,711
October	935,756	625,240	80,035	45,805	155,950	22,917	5,809
November	924,539	625,042	74,183	48,769	153,928	17,754	4,863
December	820,999	555,509	66,109	32,595	145,738	17,161	3,887
January	843,751	580,049	66,467	41,597	131,962	18,760	4,916
February	827,217	562,517	69,751	36,541	154,043	1,231	3,134
March	715,974	482,109	60,240	33,489	119,260	15,267	5,609
April	826,669	550,970	69,295	33,482	137,398	31,592	3,932
May	797,369	554,548	60,526	32,965	124,231	21,457	3,642
June	975,031	665,732	74,250	50,591	161,731	17,627	5,100
Total	10,710,692	7,232,204	876,160	511,407	1,802,383	235,661	52,877
Agricultural							
July	111,223	25,510	5,848	77,284	2,047	0	534
August	98,391	20,559	4,611	69,681	1,979	951	610
September	121,223	28,820	5,517	83,630	2,559	491	206
October	103,528	24,775	5,382	69,715	2,176	356	1,124
November	83,613	21,452	4,633	54,996	1,791	243	498
December	73,816	20,986	3,262	47,069	1,792	368	339
January	77,664	18,622	3,495	53,457	1,276	373	441
February	68,187	18,052	4,282	43,902	1,467	27	457
March	61,140	14,999	2,796	41,401	1,075	351	518
April	66,305	16,260	3,567	43,985	1,457	711	325
May	65,460	17,324	2,506	43,704	1,030	455	441
June	108,342	23,950	3,827	77,628	1,728	666	543
Total	1,038,892	251,309	49,726	706,452	20,377	4,992	6,036
Grand Total	11,749,584	7,483,513	925,886	1,217,859	1,822,760	240,653	58,913

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2018.

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.

In 2017, there were approximately 53,560 occupied housing units on Maui of which around 31,306 (58.5%) were owner-occupied. The number of occupied housing units is about the same as in 2016 when there were 53,612 units. The percentage of owner-occupied units has decreased of 0.7% since 2016.

8.1.1

NUMBER AND VALUE OF BUILDING PERMITS MAUI COUNTY

Year	Number Issued	Estimated Value (\$1,000)
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
2016	1,178	384,686
2017	*1,348	477,528
2018	1,232	559,832

* Revised data.

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	2013	2014	2015	2016	2017	2018
Residential	111,866	121,382	177,596	192,976	209,937	240,388
Hotel	75,070	256	307,990	0	0	67,518
Non-residential	62,041	131,646	122,405	99,579	119,738	137,673
Additions and alterations	76,038	190,333	123,500	92,131	147,853	114,253
Total	325,014	443,617	731,491	384,686	477,528	559,832

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

8.1.3

PRIVATE RESIDENTIAL CONSTRUCTION AUTHORIZATIONS MAUI COUNTY

	2014	2015	2016 ¹	2017	2018 ²
Authorized Housing Units (number)					
New single family units	324	332	256	489	378
New multi-family units	14	170	311	372	460
Total	338	502	567	861	838
Permit Value (\$)					
New single family units	82,327,993	89,543,401	73,135,490	149,497,808	136,152,874
New multi-family units	2,868,380	50,121,464	77,972,073	60,451,736	104,235,284
Total	85,196,373	139,664,865	151,107,563	209,949,544	240,388,158

1. Revised data. 2. Preliminary data from the County of Maui.

SOURCE: U.S. CENSUS BUREAU, ANNUAL NEW PRIVATELY-OWNED RESIDENTIAL BUILDING PERMITS; COUNTY OF MAUI, DEVELOPMENT SERVICES ADMINISTRATION, BUILDING PERMIT SECTION.

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
2002	807	36	371	34
2003	889	6	206	47
2004	1,160	28	371	44
2005	971	206	388	52
2006	1,083	44	304	47
2007	1,062	34	217	48
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	338	10	25	29
2016	258	40	3	0
2017	483	5	404	25

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
Housing Wage					
Hourly wage necessary to afford 2 bedroom FMR	\$31.13	\$25.42	\$39.06	\$29.06	\$36.13
Housing Cost					
2 bedroom FMR	\$1,619	\$1,322	\$2,031	\$1,511	\$1,879
Income needed to afford 2 bedroom FMR	\$64,760	\$52,880	\$81,240	\$60,440	\$75,158
Full-time jobs at minimum wage to afford 2 bedroom FMR	3.1	2.5	3.9	2.9	3.6
Area Median Income (AMI)					
Annual AMI	\$81,400	\$74,200	\$96,000	\$87,000	\$90,623
Rent affordable at AMI	\$2,037	\$1,857	\$2,400	\$2,177	\$2,267
30% of AMI	\$24,420	\$22,260	\$28,800	\$26,100	\$27,187
Rent affordable at 30% of AMI	\$611	\$557	\$720	\$653	\$680
Renter Households					
Number	22,488	22,081	139,328	8,226	192,176
% of total households	42%	33%	45%	37%	43%
Estimated mean renter hourly wage	\$15.07	\$12.07	\$17.04	\$14.93	\$16.16
Rent affordable at mean wage	\$784	\$628	\$886	\$776	\$840
Full time jobs at mean renter wage needed to afford 2 bedroom FMR	2.1	2.1	2.3	2.0	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 2018.

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	136	2020
Maui Lu Timeshare	Timeshare	388	2019
Kamaole Grand	Condo	217	NA
Kamaole Heights	Hotel / Condo	24	NA
Kula Lodge	Hotel	15	NA
Westin Kā'anapali Ocean Resort III	Timeshare	390	NA
Kapalua Project, District 2-Kapalua Mauka	Mixed Use	690	NA
South Maui Gardens	Mixed Use	9	NA
Villas at Royal Lahaina	Condo / Hotel	126	NA
Piilani Suites	Hotel	200	2017
Maui Research & Tech Park	Mixed Use / Hotel	150	NA
Down Town Kihei	Mixed Use / Hotel	150	2018
Wada Commercial Bldg. & Hotel	Mixed Use / Hotel	8	NA
Makena Resort M-5, M-6, S-7, B-2	Mixed Use	134	NA
Four Seasons Resort at Kō'ele	Hotel	94	2019
Hotel Ike	Hotel	110	NA
Bed and Breakfasts	B&B	130	NA
Short term rentals	New Class	213	NA
Transient vacation rentals		11	NA

NA: Not available

SOURCE: HAWAII'S TOURISM AUTHORITY, 2018 VISITOR PLANT INVENTORY; COUNTY OF MAUI DEPARTMENT OF PLANNING.

8.1.7

AVERAGE ANNUAL WAGES FOR CONSTRUCTION INDUSTRIES MAUI COUNTY, 2017

Industry	Number of Establishments	Number of Employees	Total Wages	Average Annual Wages
Construction	621	4,022	\$270,479,367	\$67,250
Construction of Buildings	208	1,363	\$99,710,315	\$73,155
Residential	163	659	\$36,263,247	\$55,028
Nonresidential	45	704	\$63,447,068	\$90,124
Heavy and Civil Engineering Construction	41	504	\$41,383,121	\$82,109
Land Subdivision	13	78	\$6,240,437	\$80,006
Highway, Street, and Bridge Construction	12	300	\$26,580,506	\$88,602
Specialty Trade Contractors	372	2,155	\$129,385,931	\$60,040
Building Foundation/Exterior Contractors	73	423	\$22,768,544	\$53,826
Building Equipment Contractors	138	1,051	\$71,710,666	\$68,231
Building Finishing Contractors	115	420	\$20,298,955	\$48,331
Other Specialty Trade Contractors	46	261	\$14,607,766	\$55,968

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

8.1.8

BUILDING PERMITS ISSUED MAUI COUNTY, 2018

Type of Permit	Number of Permits	Number of Units	Valuation
Single family, detached	371	372	\$133,134,054
Single family, attached, no unit over/below	3	6	\$3,018,820
Two family buildings	12	22	\$5,427,510
Three and four family buildings	7	28	\$7,256,159
Five or more family buildings	33	410	\$91,551,615
Hotels, motels, tourist cabins	18	0	\$67,518,000
Amusement and recreational	16	0	\$27,217,520
Industrial	1	0	\$1,300,000
Parking garages	38	0	\$15,343,849
Hospital and institutional	2	0	\$3,118,000
Offices, banks, and professional	9	0	\$21,249,252
Public works and utilities	2	0	\$5,028,000
Schools and other educational	1	0	\$5,550,000
Stores and customer service	15	0	\$23,825,621
Other non-residential	69	0	\$9,517,581
Structures other than bldgs	165	0	\$23,961,966
Residential alterations	283	1	\$27,435,920
Commercial alterations	165	0	\$86,817,287
Additions of res garages/carports	22	0	\$1,561,064
Demo-single family homes	32	0	\$289,651
Demo-five or more family bldgs	1	0	\$1,000
Demo- all other	47	0	\$4,388,745
Repairs to dwellings	2	0	\$54,000
Repairs to other buildings	8	0	\$759,200
Relocate residential buildings	1	0	\$5,000
Fences, retaining walls, seawalls	87	0	\$13,994,046
Temporary structures	86	0	\$286,073
Total	1,496	839	\$579,609,933

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

8.1.9

CONSTRUCTION ESTABLISHMENTS BY TYPE AND LOCATION, MAUI COUNTY, 2016

Establishment Type							
Location	Number	Location	Number	Location	Number	Location	Number
Residential Building							
Ha'ikū	15	Kula	10	Pā'ia	2	Kaunakakai	5
Hāna	2	Lahaina	19	Pu'unēnē	2	Kualapu'u	1
Kahului	10	Makawao	16	Wailuku	22	Lāna'i City	1
Kīhei	41						
Nonresidential Building							
Ha'ikū	1	Kula	2	Pu'unēnē	2	Kaunakakai	1
Kahului	4	Lahaina	3	Wailuku	6	Lāna'i City	1
Kihei	1	Makawao	4				
Utility System Construction							
Ha'ikū	1	Kīhei	1	Wailuku	3	Lāna'i City	1
Kahului	3						
Land Subdivision							
Kahului	3	Lahaina	1	Makawao	1	Wailuku	1
Kula	1						
Heavy and Civil Engineering							
Kīhei	1	Lahaina	2	Pu'unēnē	1	Wailuku	2
Foundation, Structure, and Building Exterior							
Ha'ikū	5	Kīhei	17	Lahaina	4	Pu'unēnē	3
Kahului	5	Kula	4	Makawao	5	Wailuku	13
Building Equipment							
Ha'ikū	11	Kula	5	Pā'ia	4	Ho'olehua	1
Kahului	21	Lahaina	11	Pu'unēnē	5	Kaunakakai	2
Kīhei	19	Makawao	12	Wailuku	22	Lāna'i City	1
Building Finishing							
Ha'ikū	12	Kīhei	17	Makawao	10	Wailuku	20
Hāna	1	Kula	7	Pā'ia	2		
Kahului	7	Lahaina	8	Pu'unēnē	3		
Other Specialty Trade Contractors							
Ha'ikū	7	Kula	6	Paia	1	Lāna'i City	1
Kahului	3	Lahaina	1	Pu'unēnē	4		
Kīhei	10	Makawao	5	Wailuku	8		

Note: Most recent data available at the time of publication.

SOURCE: U.S. CENSUS BUREAU, 2016 ZIP CODE BUSINESS PATTERNS.

8.2.1

SUMMARY HOUSING CHARACTERISTICS MAUI COUNTY, 2017

Characteristic	Number	Percent
Total Housing Units	72,984	100.0%
Median number of rooms	4.3	
Occupied Housing Units	53,560	73.4%
Structure built 1990 or later	26,395	36.1%
Structure built before 1940	2,803	2.4%
Lacking complete plumbing	432	0.8%
Lacking complete kitchen	1,783	3.3%
Lacking telephone service	913	1.7%
Moved into unit after 1999	38,642	72.2%
Moved into unit before 1980	3,997	7.5%
Occupants per room of 1.51 or more	2,175	4.1%
Owner-Occupied Units	31,306	58.5%
Median value	\$641,500	
With a mortgage	21,098	67.4%
Median monthly costs	\$2,390	
Monthly costs were 35% or more of income	7,478	35.6%
Not mortgaged	10,093	32.6%
Median monthly costs	\$453	
Renter-Occupied Units	22,254	41.5%
Median gross rent	\$1,421	
Rent was 35% or more of income	7,800	39.5%

SOURCE: U.S. CENSUS BUREAU, 2017 AMERICAN COMMUNITY SURVEY ONE-YEAR ESTIMATES.

8.2.2

SELECTED HOUSING CHARACTERISTICS MAUI COUNTY

Maui County	2014	2015	2016	2017
All Housing Units	71,469	71,712	72,139	72,984
Units in Structure				
1 unit, detached	39,433	39,379	39,996	40,638
1 unit, attached	4,052	4,406	4,396	4,158
2 to 4 units	7,433	6,321	6,302	6,714
5 to 9 units	6,612	4,987	5,739	6,019
10 or more units	13,526	16,221	15,410	14,855
Mobile home, boat, other	413	398	296	600
Median number of rooms	4.1	4.1	4.2	4.3
Occupied Housing Units	54,303	52,080	53,612	53,560
With 1.01 or more occupants/room	5,376	6,462	5,762	5,370
Vacant Housing Units	17,166	19,632	18,527	19,424
For seasonal use	6,552	7,584	6,348	6,749
Homeowner vacancy rate	0.5	1.5	1.8	1.4
Rental vacancy rate	25.3	27.0	30.1	28.3
Owner-Occupied Units	30,931	30,523	31,726	31,306
Percent of all occupied units	57.0%	58.6%	59.2%	58.5%
Average household size	3.13	3.28	3.24	3.24
Value of Owner-Occupied Units				
Total units	30,931	30,523	31,726	31,306
Less than \$100,000 unit value	1,662	623	932	319
\$100,000 to \$199,999	1,485	1,220	667	476
\$200,000 to \$299,999	2,478	2,301	2,577	1,411
\$300,000 to \$499,999	8,617	8,304	7,527	6,490
\$500,000 to \$999,999	13,832	15,171	14,868	17,522
\$1 million or more	2,857	2,904	5,155	5,088
Median value	\$534,100	\$569,300	\$600,800	\$641,500
Renter-Occupied Units	23,372	21,557	21,886	22,254
Percent of all occupied units	43.0%	41.4%	40.8%	41.5%
Average household size	2.71	2.87	2.74	2.79
Gross Rent				
Total renters	21,559	19,980	20,811	20,085
Less than \$500 rent	NA	1,152	1,996	1,678
\$500 to \$999	5,433	4,113	3,640	2,483
\$1,000 to \$1,499	7,381	5,982	7,646	6,888
\$1,500 or more	7,315	8,733	7,529	9,036
No cash rent	1,813	1,577	1,075	2,169
Median rent	\$1,238	\$1,418	\$1,254	\$1,421

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

8.2.3

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

2017	Total Housing Units	Occupied Housing Units	Owner Occupied Units	Renter Occupied Units
Maui Island				
Hai'kū-Pa'uwela CDP	3,265	2,739	1,766	973
Hāli'imaile CDP	342	309	184	125
Hāna CDP	422	276	191	85
Kā'anapali CDP	1,785	463	389	74
Kahului CDP	8,438	7,726	4,377	3,349
Kapalua CDP	918	135	96	39
Kēōkea CDP	759	691	574	117
Kīhei CDP	12,342	8,196	4,110	4,086
Kula CDP	3,123	2,911	2,036	875
Lahaina CDP	4,255	3,565	1,611	1,954
Launiupoko CDP	275	207	121	86
Ma'alaea CDP	595	169	119	50
Mahinahina CDP	453	409	350	59
Makawao CDP	2,566	2,403	1,387	1,016
Mākena CDP	109	59	34	25
Nāpili-Honokōwai CDP	4,262	2,790	1,266	1,524
Olinda CDP	476	411	247	164
Olowalu CDP	82	61	39	22
Pā'ia CDP	978	794	515	279
Pukalani CDP	3,177	2,926	2,007	919
Waihe'e-Waiehu CDP	2,527	2,448	1,825	623
Waikapū CDP	1,014	945	743	202
Wailea CDP	6,221	2,563	1,607	956
Wailuku CDP	6,641	6,142	3,464	2,678
Moloka'i				
Kaunakakai CDP	1,632	1,199	796	403
Kualapu'u CDP	716	614	448	166
Maunaloa CDP	173	127	34	93
Ualapu'e CDP	302	139	100	39
Lāna'i				
Lāna'i City CDP	1,496	1,236	632	604
Manele CDP	65	10	10	0

SOURCE: U.S. CENSUS BUREAU, 2013-2017 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

8.2.4

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

2017	All Housing Units	Vacant Units	Seasonal, Recreational or Occasional	Homeowner Vacancy Rate	Rental Vacancy Rate
Maui Island					
Hai'kū-Pa'uwela CDP	3,265	526	370	0.0	4.8
Hāli'imaile CDP	342	33	0	0.0	5.3
Hāna CDP	422	146	85	1.5	36.1
Kā'anapali CDP	1,785	1,322	446	8.0	91.7
Kahului CDP	8,438	712	110	0.0	7.2
Kapalua CDP	918	783	405	4.0	88.5
Kēōkea CDP	759	68	36	0.0	12.7
Kīhei CDP	12,342	4,146	1,415	0.5	34.7
Kula CDP	3,123	212	119	0.0	0.0
Lahaina CDP	4,255	690	259	2.1	10.6
Launiupoko CDP	275	68	46	4.7	15.7
Ma'alaea CDP	595	426	173	7.5	81.5
Mahinahina CDP	453	44	18	0.8	0.0
Makawao CDP	2,566	163	107	0.0	0.8
Mākena CDP	109	50	27	12.8	19.4
Nāpili-Honokōwai CDP	4,262	1,472	441	0.0	35.2
Olinda CDP	476	65	36	3.5	6.8
Olowalu CDP	82	21	14	0.0	0.0
Pā'ia CDP	978	184	73	2.8	17.2
Pukalani CDP	3,177	251	142	0.0	2.6
Waihe'e-Waiehu CDP	2,527	79	22	0.0	4.6
Waikapū CDP	1,014	69	34	0.0	0.0
Wailea CDP	6,221	3,658	1,362	6.0	67.3
Wailuku CDP	6,641	499	80	1.6	3.0
Moloka'i					
Kaunakakai CDP	1,632	433	177	3.3	17.8
Kualapu'u CDP	716	102	42	0.0	7.3
Maunaloa CDP	173	46	3	10.5	18.4
Ualapu'e CDP	302	163	74	0.0	59.2
Lāna'i					
Lāna'i City CDP	1,496	260	139	3.8	7.6
Manele CDP	65	55	55	0.0	0.0

SOURCE: U.S. CENSUS BUREAU, 2013-2017 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

8.2.5

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

2017	All Units	Occupied Housing Units			Average Household Size	
		Occupied	By Owner	By Renter	Owner Occupied	Renter Occupied
Maui Island						
Hai'kū-Pa'uwela CDP	3,265	2,739	1,766	973	2.99	2.20
Hāli'imaile CDP	342	309	184	125	3.53	3.06
Hāna CDP	422	276	191	85	4.25	2.76
Kā'anapali CDP	1,785	463	389	74	2.06	2.01
Kahului CDP	8,438	7,726	4,377	3,349	4.15	3.28
Kapalua CDP	918	135	96	39	1.93	3.03
Kēōkea CDP	759	691	574	117	3.56	2.05
Kīhei CDP	12,342	8,196	4,110	4,086	2.86	2.54
Kula CDP	3,123	2,911	2,036	875	2.62	2.50
Lahaina CDP	4,255	3,565	1,611	1,954	3.59	3.63
Launiupoko CDP	275	207	121	86	2.46	2.67
Ma'alaea CDP	595	169	119	50	1.57	1.32
Mahinahina CDP	453	409	350	59	2.52	3.29
Makawao CDP	2,566	2,403	1,387	1,016	3.12	2.36
Mākena CDP	109	59	34	25	2.06	3.20
Nāpili-Honokōwai CDP	4,262	2,790	1,266	1,524	2.59	2.64
Olinda CDP	476	411	247	164	2.30	2.37
Olowalu CDP	82	61	39	22	1.92	1.86
Pā'ia CDP	978	794	515	279	3.24	3.40
Pukalani CDP	3,177	2,926	2,007	919	3.03	2.46
Waihe'e-Waiehu CDP	2,527	2,448	1,825	623	3.78	3.38
Waikapū CDP	1,014	945	743	202	3.49	3.48
Wailea CDP	6,221	2,563	1,607	956	2.18	2.16
Wailuku CDP	6,641	6,142	3,464	2,678	2.72	2.78
Moloka'i						
Kaunakakai CDP	1,632	1,199	796	403	3.37	1.99
Kualapu'u CDP	716	614	448	166	3.29	3.25
Maunaloa CDP	173	127	34	93	4.18	3.03
Ualapu'e CDP	302	139	100	39	2.77	3.23
Lāna'i						
Lāna'i City CDP	1,496	1,236	632	604	2.86	2.27
Manele CDP	65	10	10	0	1.80	0.00

SOURCE: U.S. CENSUS BUREAU, 2013-2017 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

8.2.6

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

2017	Total	Less than \$100,000	\$100,000 to \$199,000	\$200,000 to \$299,000	\$300,000 to \$499,000	\$500,000 to \$999,000	\$1,000,000 or more
Maui Island							
Hai'kū-Pa'uwela CDP	1,766	81	29	17	204	892	543
Hāli'imaile CDP	184	6	2	20	90	64	2
Hāna CDP	191	23	0	19	90	41	18
Kā'anapali CDP	389	4	0	0	14	154	217
Kahului CDP	4,377	137	52	163	1,523	2,426	76
Kapalua CDP	96	1	0	3	2	30	60
Kēōkea CDP	574	16	16	132	161	139	110
Kīhei CDP	4,110	40	99	546	1,210	1,958	257
Kula CDP	2,036	43	0	86	268	891	748
Lahaina CDP	1,611	22	42	97	407	885	158
Launiupoko CDP	121	0	3	0	7	13	98
Ma'alaea CDP	119	6	5	12	53	41	2
Mahinahina CDP	350	5	52	33	64	119	77
Makawao CDP	1,387	34	10	22	424	855	42
Mākena CDP	34	1	0	0	0	2	31
Nāpili-Honokōwai CDP	1,266	39	39	177	357	522	132
Olinda CDP	247	0	3	0	26	120	98
Olowalu CDP	39	0	0	0	5	10	24
Pā'ia CDP	515	15	6	34	92	342	26
Pukalani CDP	2,007	63	16	0	373	1,477	78
Waihe'e-Waiehu CDP	1,825	74	186	216	819	407	123
Waikapū CDP	743	18	0	20	236	457	12
Wailea CDP	1,607	53	9	22	176	617	730
Wailuku CDP	3,464	72	144	453	1,158	1,575	62
Moloka'i							
Kaunakakai CDP	796	57	141	174	264	146	14
Kualapu'u CDP	448	74	145	99	77	39	14
Maunaloa CDP	34	0	3	19	8	4	0
Ualapu'e CDP	100	2	27	23	21	23	4
Lāna'i							
Lāna'i City CDP	632	0	14	75	351	173	19
Manele CDP	10	0	0	2	0	0	8

SOURCE: U.S. CENSUS BUREAU, 2013-2017 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

8.2.7

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

2017	Total Rentals	Less than 20%	20% to 24.9%	25% to 29.9%	30% to 34.9 %	Over 35%	Not Computed
Maui Island							
Hai'kū-Pa'uwela CDP	973	269	115	185	19	123	262
Hāli'imaile CDP	125	25	9	11	17	48	15
Hāna CDP	85	18	11	0	0	45	11
Kā'anapali CDP	74	19	5	2	5	36	7
Kahului CDP	3,349	824	302	662	380	989	192
Kapalua CDP	39	12	0	4	7	11	5
Kēōkea CDP	117	41	12	2	5	41	16
Kīhei CDP	4,086	748	415	624	477	1,579	243
Kula CDP	875	204	96	33	83	407	52
Lahaina CDP	1,954	657	245	155	185	579	133
Launiupoko CDP	86	17	0	0	22	23	24
Ma'alaea CDP	50	15	5	8	0	11	11
Mahinahina CDP	59	8	4	0	18	26	3
Makawao CDP	1,016	262	132	101	74	397	50
Mākena CDP	25	0	0	15	0	1	9
Nāpili-Honokōwai CDP	1,524	248	140	237	172	665	62
Olinda CDP	164	42	35	6	3	57	21
Olowalu CDP	22	6	6	6	0	4	0
Pā'ia CDP	279	77	22	31	20	76	53
Pukalani CDP	919	275	68	59	24	374	119
Waihe'e-Waiehu CDP	623	110	176	25	73	119	120
Waikapū CDP	202	42	29	24	7	93	7
Wailea CDP	956	100	48	112	146	451	99
Wailuku CDP	2,678	602	333	242	235	1,043	223
Moloka'i							
Kaunakakai CDP	403	79	37	36	71	140	40
Kualapu'u CDP	166	31	15	16	7	47	50
Maunaloa CDP	93	9	10	0	10	52	12
Ualapu'e CDP	39	8	6	0	3	15	7
Lāna'i							
Lāna'i City CDP	604	192	116	86	41	154	15
Manele CDP	0	0	0	0	0	0	0

SOURCE: U.S. CENSUS BUREAU, 2013-2017 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

8.2.8

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

2017	Total	Less than \$500 ¹	\$500 to \$999	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 to \$2,499	\$2,500 or more
Maui Island							
Hai'kū-Pa'uwela CDP	973	243	116	174	244	104	92
Hāli'imaile CDP	125	14	40	24	37	5	5
Hāna CDP	85	11	24	45	0	0	5
Kā'anapali CDP	74	7	0	4	0	33	30
Kahului CDP	3,349	487	727	1,012	712	351	60
Kapalua CDP	39	5	0	2	9	5	18
Kēōkea CDP	117	20	11	58	21	0	7
Kīhei CDP	4,086	453	496	1,358	1,142	481	156
Kula CDP	875	66	109	325	273	87	15
Lahaina CDP	1,954	273	383	764	162	184	188
Launiupoko CDP	86	24	7	12	6	8	29
Ma'alaea CDP	50	13	1	25	7	1	3
Mahinahina CDP	59	3	0	0	26	9	21
Makawao CDP	1,016	68	292	408	210	18	20
Mākena CDP	25	9	2	13	1	0	0
Nāpili-Honokōwai CDP	1,524	92	47	515	529	202	139
Olinda CDP	164	24	16	30	42	17	35
Olowalu CDP	22	0	7	7	4	0	4
Pā'ia CDP	279	48	5	73	19	91	43
Pukalani CDP	919	119	170	412	90	115	13
Waihe'e-Waiehu CDP	623	203	19	173	126	55	47
Waikapū CDP	202	24	27	67	17	27	40
Wailea CDP	956	54	57	205	303	186	151
Wailuku CDP	2,678	354	850	761	279	258	176
Moloka'i							
Kaunakakai CDP	403	101	191	67	39	0	5
Kualapu'u CDP	166	53	26	55	29	3	0
Maunaloa CDP	93	22	64	7	0	0	0
Ualapu'e CDP	39	9	17	10	2	1	0
Lāna'i							
Lāna'i City CDP	604	64	261	183	67	29	0
Manele CDP	0	0	0	0	0	0	0

1. Includes no cash rent.

SOURCE: U.S. CENSUS BUREAU, 2013-2017 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

8.2.9

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

	2014	2015	2016	2017
Owner				
Housing units with a mortgage	21,160	20,728	20,238	21,098
Less than 20% of income	4,815	6,239	8,054	7,047
20% to 24.9%	3,147	2,696	2,775	2,637
25% to 29.9%	3,542	2,210	2,105	2,105
30% to 34.9%	1,676	1,545	1,040	1,737
35% or more	7,980	8,038	6,124	7,478
Not computed	155	83	140	94
Median mortgage (dollars)	\$2,164	\$2,225	\$2,209	\$2,390
Renter				
Renter-occupied units	21,326	19,756	21,886	22,254
Less than 15% of income	2,483	2,188	3,796	2,044
15% to 19.9%	1,767	2,655	2,607	2,393
20% to 24.9%	2,082	2,481	1,888	3,586
25% to 29.9%	4,182	2,420	2,642	1,951
30% to 34.9%	1,996	2,054	2,001	1,991
35% or more	8,816	7,958	7,699	7,800
Not computed	2,046	1,801	1,253	2,489
Median rent (dollars)	\$1,238	\$1,418	\$1,254	\$1,421

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

8.2.10

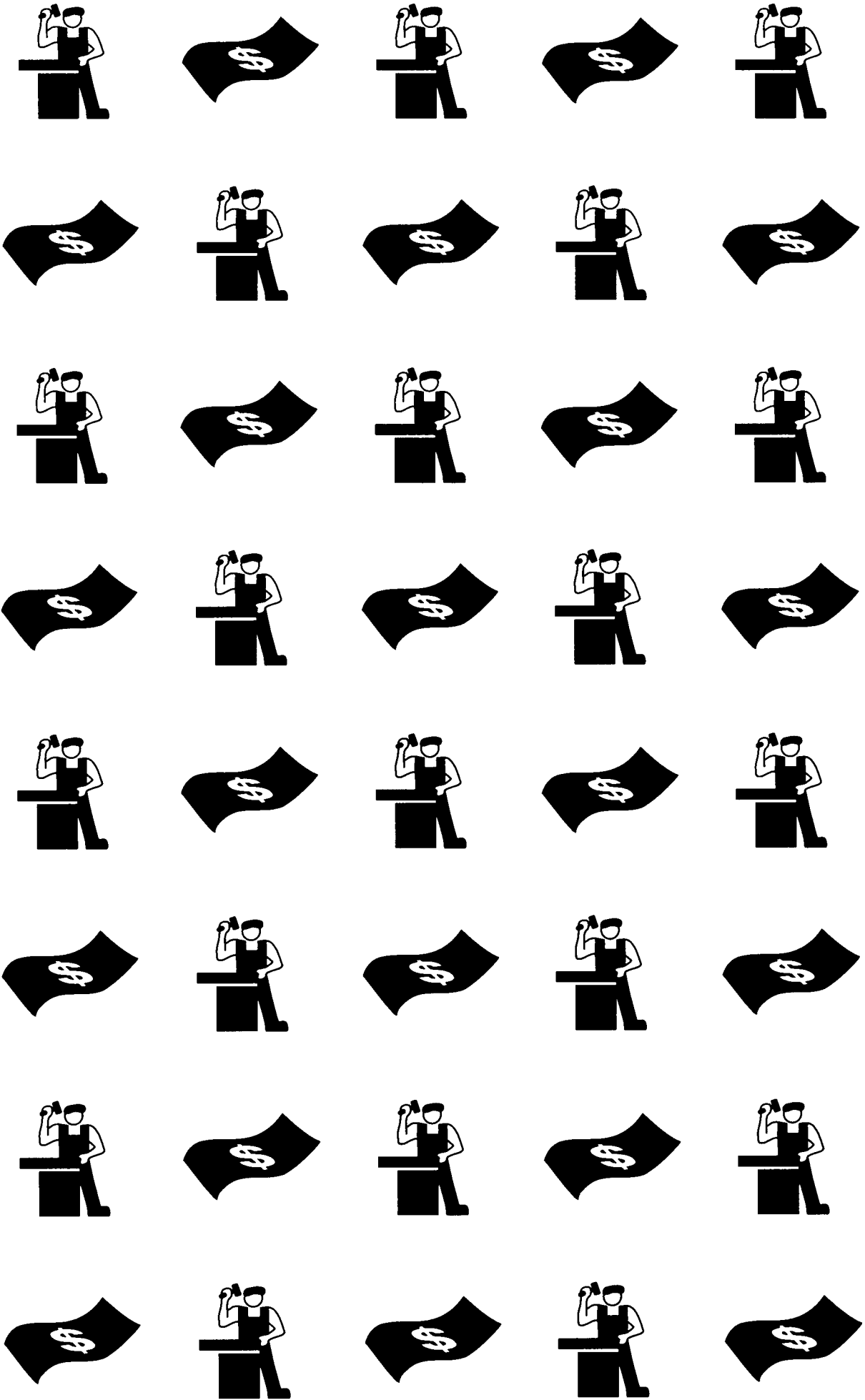
FORECLOSURE FILINGS BY JUDICIAL CIRCUIT

Year	Maui County ¹	Hawai'i County	City & County of Honolulu	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
2015	357	525	861	83	1,826
2016	302	506	838	88	1,734
2017	228	471	689	73	1,461

1. The Maui County Judicial Circuit includes Kalawao on Moloka'i.

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 2018 was 86,150 and the number of employed was 84,050. The unemployment rate decreased from 2.6% to 2.4% between 2017 and 2018.

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
Banks¹			
Firms	4	1	2
Locations	21	1	2
Savings and Loan Associations¹			
Associations	1	0	0
Locations	3	0	0
Financial Services Loan Companies¹			
Firms	2	1	0
Locations	3	1	0
Escrow Depository Companies²			
Firms	4	0	0
Locations	11	0	0

1. As of February 14, 2019.

2. As of April 7, 2017.

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	2014	2015	2016	2017	2018
Hāna	5,825	7,276	5,939	6,264	6,634
Kahului	972,135	1,247,820	1,324,082	1,406,553	1,399,945
Kīhei	496,687	530,600	558,900	618,365	656,001
Lahaina	495,438	571,335	586,882	601,621	644,173
Makawao	214,635	228,132	255,353	186,735	197,960
Pā'ia	70,487	77,518	80,231	*88,112	86,890
Pukalani	0	0	0	*97,421	101,963
Wailuku	372,569	199,736	226,674	259,527	291,717
Kaunakakai	69,776	73,797	77,856	89,560	90,813
Lāna'i City	33,638	34,903	36,266	38,397	40,494
Total	\$2,731,190	\$2,971,117	\$3,152,183	\$3,392,555	\$3,516,590

* 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, 2018

Name	Location	Assets (\$)	Loans (\$)	Members
Kahului	Kahului	\$59,235,254	\$21,242,582	4,407
Lānaʻi	Lānaʻi City	\$28,320,677	\$1,360,461	1,812
Maui	Kahului	\$99,308,943	\$34,628,641	7,417
Maui County ¹	Wailuku	\$322,752,890	\$144,038,582	19,131
Maui Teachers	Wailuku	\$33,066,958	\$5,561,457	1,666
Molokaʻi Community	Kaunakakai	\$27,357,871	\$11,249,026	4,405
Valley Isle Community	Kahului	\$114,008,054	\$47,247,223	13,533
Wailuku	Wailuku	\$56,012,359	\$43,513,167	4,549
Maui County Total		\$740,063,006	\$308,841,139	56,920

SOURCE: NATIONAL CREDIT UNION ADMINISTRATION, FINANCIAL PERFORMANCE REPORTS.

9.1.4

FEDERAL CREDIT UNION CHARACTERISTICS MAUI COUNTY

	2015	2016	2017	2018
Number of credit unions	9	9	8	8
Total members	55,683	55,791	56,243	56,920
Total assets	\$689,900,145	\$719,882,436	\$727,026,938	\$740,063,006
Total shares and deposits	\$592,350,617	\$618,987,568	\$623,132,912	\$631,440,754
Number of shares & deposit accounts	83,504	85,800	86,696	88,331
Total loans	\$278,951,834	\$284,696,145	\$298,438,107	\$308,841,139
Number of loans	22,191	32,434	30,559	30,465

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
Labor Force					
2011	80,500	88,700	456,150	34,900	660,250
2012	79,150	86,100	448,000	33,900	647,200
2013	79,900	86,200	451,500	34,000	651,550
2014	82,300	87,550	460,900	34,750	665,450
2015	83,750	88,500	466,650	35,050	673,950
2016	85,700	91,350	470,100	35,800	682,950
2017	86,600	91,550	469,400	36,100	683,600
2018	86,150	91,300	465,200	36,100	678,750
Employed					
2011	74,150	79,950	429,350	31,850	615,300
2012	74,100	78,950	423,900	31,400	608,300
2013	75,750	80,400	431,450	32,050	619,700
2014	78,550	82,700	442,150	33,050	636,500
2015	80,650	84,600	451,050	33,650	649,950
2016	83,050	88,000	457,050	34,650	662,800
2017	84,350	88,900	458,550	35,200	667,000
2018	84,050	88,600	454,350	35,200	662,150
Unemployed					
2011	6,400	8,700	26,800	3,050	44,950
2012	5,100	7,150	24,150	2,500	38,900
2013	4,150	5,750	20,050	1,950	31,850
2014	3,700	4,850	18,750	1,700	28,950
2015	3,100	3,900	15,600	1,400	24,000
2016	2,650	3,350	13,000	1,150	20,200
2017	2,250	2,650	10,850	900	16,600
2018	2,100	2,750	10,850	900	16,600
Percent Unemployed					
2011	7.9	9.8	5.9	8.7	6.8
2012	6.4	8.3	5.4	7.3	6.0
2013	5.2	6.7	4.4	5.7	4.9
2014	4.5	5.5	4.1	4.8	4.4
2015	3.7	4.4	3.3	4.0	3.6
2016	3.1	3.7	2.8	3.2	3.0
2017	2.6	2.9	2.3	2.4	2.4
2018	2.4	3.0	2.3	2.5	2.4

Note: Data for 2014 to 2018 reflect revised population controls and model reestimation.

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
Labor Force				
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	75,100	2,600	1,500	79,150
2013	75,850	2,450	1,600	79,900
2014	78,100	2,550	1,650	82,300
2015	79,700	2,500	1,550	83,750
2016	81,550	2,550	1,600	85,700
2017	82,650	2,700	1,550	86,600
2018	81,850	2,400	1,600	86,150
Employment				
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	70,400	2,200	1,450	74,100
2013	72,000	2,200	1,550	75,750
2014	74,700	2,250	1,600	78,550
2015	76,850	2,250	1,500	80,650
2016	79,150	2,350	1,550	83,050
2017	80,600	2,500	1,500	84,350
2018	79,950	2,250	1,600	84,050

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9.2.2
CONTINUED

	Maui	Moloka'i	Lāna'i	Maui County
Unemployment				
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	*	5,100
2013	3,850	250	50	4,150
2014	3,400	300	*	3,700
2015	2,850	200	50	3,100
2016	2,400	200	100	2,650
2017	2,050	150	50	2,250
2018	1,900	150	*	2,100
Percent Unemployed				
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	5.1	10.2	3.3	5.2
2014	4.3	11.7	2.8	4.5
2015	3.5	8.9	3.7	3.7
2016	2.9	7.1	4.8	3.1
2017	2.5	5.7	3.5	2.6
2018	2.3	6.0	2.2	2.4

Note: Data rounded to nearest 50, except percent employed which is rounded to 0.1 percent. Annual averages. Not seasonally adjusted. Totals may not add due to rounding. Data for 2014 to 2018 reflect revised population controls and model reestimation.

*: Data is less than 50

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

9.2.3

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

Race and Sex, 2018	Civilian Labor Force			Percent Distribution			Unemployment Rate
	Civilian Labor Force	Employed	Unemployed	Civilian Labor Force	Employed	Unemployed	
Both Sexes	86,150	84,050	2,100	100.0%	100.0%	100.0%	2.4%
White	31,800	31,150	650	36.9%	37.1%	30.9%	2.0%
Black/African American	600	600	0	0.7%	0.7%	0.0%	0.0%
American Indian/ Alaska Native	200	200	0	0.2%	0.3%	0.0%	0.0%
Asian	22,650	22,350	300	26.3%	26.6%	15.2%	1.4%
Native Hawaiian/ Pacific Islander	7,450	7,100	350	8.7%	8.4%	17.1%	4.8%
Some Other Race	1,350	1,300	100	1.6%	1.5%	3.8%	5.9%
Two or More Races	15,000	14,550	500	17.4%	17.3%	22.7%	3.2%
Hispanic or Latino	7,050	6,850	200	8.2%	8.1%	10.3%	3.1%
Minority Group	54,350	52,900	1,450	63.1%	62.9%	69.1%	2.7%
Females	40,600	39,850	750	100.0%	100.0%	100.0%	1.8%
White	14,250	14,000	200	35.0%	35.1%	29.6%	1.5%
Black/African American	100	100	0	0.3%	0.3%	0.0%	0.0%
American Indian/ Alaska Native	100	100	0	0.3%	0.3%	0.0%	0.0%
Asian	11,750	11,600	100	28.9%	29.1%	16.1%	1.0%
Native Hawaiian/ Pacific Islander	3,250	3,150	100	8.1%	7.9%	16.1%	3.7%
Some Other Race	700	600	50	1.7%	1.6%	8.1%	8.7%
Two or More Races	7,250	7,100	150	17.8%	17.8%	21.8%	2.2%
Hispanic or Latino	3,200	3,150	50	7.9%	7.9%	8.3%	1.9%
Minority Group	26,350	25,850	500	65.0%	64.9%	70.4%	2.0%
Females as % of both Sexes	47.1%	47.4%	35.2%	-----	-----	-----	-----

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 2018 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, 2018	Maui	Moloka'i	Lāna'i	Maui County
TOTAL NONAGRICULTURAL - Wage & Salary Jobs	74,100	1,800	1,500	77,400
TOTAL PRIVATE	66,400	1,200	1,300	68,900
Goods Producing	4,800	*	NA	5,000
Natural Resources & Mining & Construction	3,800	*	100	4,000
Special Trade Contractors	2,000	NA	NA	2,000
Manufacturing	1,000	**	NA	1,100
Durable Goods	400	NA	NA	400
Non-Durable Goods	600	NA	NA	700
Service Providing	69,300	1,700	1,400	72,300
Private Service Providing	61,600	1,100	1,200	63,800
Trade, Transportation & Utilities	15,200	300	100	15,600
Wholesale Trade	1,500	**	**	1,500
Retail Trade	9,400	200	**	9,800
Food & Beverage Stores	2,300	100	**	2,500
Clothing & Clothing Accessories Stores	1,500	NA	NA	1,500
General Merchandise	1,700	NA	NA	1,700
Transportation, Warehousing & Utilities	4,100	*	**	4,300
Air Transportation	700	NA	NA	700
Information	500	**	**	500
Financial Activities	2,900	*	*	3,100
Finance & Insurance	800	**	**	800
Professional & Business Services	7,100	**	200	7,300
Professional, Scientific & Technical Services	1,400	**	**	1,500
Management of Companies & Enterprises	200	NA	NA	300
Administrative & Support & Waste				
Management & Remediation Services	5,500	NA	NA	5,600
Education & Health Services	8,300	300	*	8,800
Education Services	1,200	0	0	1,200
Health Care & Social Assistance	7,200	300	*	7,600
Leisure and Hospitality	24,400	200	700	25,200
Accommodation & Food Services	22,000	200	700	22,900
Accommodation	11,900	**	600	12,500
Food Services and Drinking Places	10,100	100	*	10,300
Full-Service Restaurants	7,000	NA	NA	7,100
Other Services	3,200	100	*	3,400
GOVERNMENT	7,700	600	200	8,500
Federal Government	800	**	**	900
State Government	4,400	400	100	4,900
State Education (DOE & UH)	3,200	300	*	3,500
Local Government	2,500	100	**	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

2017 Rank	Occupation	Estimated Employees	Annual Mean Wage	Statewide Annual Wage
1	Waiters and Waitresses	3,400	\$48,940	\$45,680
2	Retail Salespersons	3,360	\$29,860	\$26,220
3	Maids and Housekeeping Cleaners	3,000	\$36,590	\$37,130
4	Cashiers	2,140	\$27,100	\$24,900
5	Cooks, Restaurant	1,990	\$41,360	\$39,280
6	Landscaping and Groundskeeping Workers	1,580	\$33,500	\$32,840
7	Maintenance and Repair Workers, General	1,460	\$48,730	\$48,140
8	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,440	\$29,610	\$28,560
9	Office Clerks, General	1,200	\$35,210	\$34,490
10	Stock Clerks and Order Fillers	1,160	\$32,100	\$29,920

SOURCE: U.S. BUREAU OF LABOR STATISTICS, AUGUST 2018.

9.2.6

INCOME FOR HOUSEHOLDS AND FAMILIES MAUI COUNTY

Income (in Inflation-Adjusted Dollars)	2016		2017	
	Households	Families	Households	Families
Total number	53,612	36,383	53,560	36,397
Less than \$10,000	3,028	983	3,479	1,357
\$10,000 to \$14,999	1,838	772	1,364	339
\$15,000 to \$24,999	4,070	1,966	3,002	1,088
\$25,000 to \$34,999	3,180	2,342	2,995	1,288
\$35,000 to \$49,999	5,670	3,079	5,554	3,218
\$50,000 to \$74,999	9,837	7,944	8,855	5,931
\$75,000 to \$99,999	6,850	5,245	8,849	6,932
\$100,000 to \$149,999	9,286	6,974	9,384	8,222
\$150,000 to \$199,999	4,976	3,269	5,168	4,471
\$200,000 or more	4,877	3,809	4,910	3,551
Median income	\$72,257	\$78,797	\$80,241	\$91,782
Mean income	\$98,524	\$106,432	\$101,611	\$117,055

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

9.2.7

LONG TERM INDUSTRY EMPLOYMENT PROJECTIONS MAUI COUNTY

Occupation	Employment		Number Change	Percent Change	Annual Growth
	2014	2024			
Total Employment, All Jobs	81,180	87,090	5,920	7.3%	0.7%
Goods Producing	6,020	6,690	660	11.0%	1.1%
Natural Resources & Mining	1,490	1,450	-40	-2.6%	-0.3%
Construction	3,320	4,010	680	20.5%	2.0%
Manufacturing	1,210	1,230	20	1.8%	0.2%
Service Providing	66,870	71,640	4,770	7.1%	0.7%
Trade, Transportation, & Utilities	14,460	15,990	1,530	10.6%	1.1%
Wholesale Trade	1,460	1,640	180	12.1%	1.2%
Retail Trade	9,310	10,220	920	9.8%	1.0%
Transportation & Warehousing	3,200	3,630	430	13.3%	1.3%
Utilities	500	510	10	2.2%	0.2%
Information	590	520	-60	-11.1%	-1.1%
Financial Activities	2,760	2,940	180	6.6%	0.7%
Finance & Insurance	830	880	40	5.3%	0.5%
Real Estate & Rental & Leasing	1,930	2,060	140	7.2%	0.7%
Professional & Business Services	6,890	7,520	630	9.1%	0.9%
Professional, Scientific, & Technical Services	1,400	1,570	180	12.5%	1.3%
Management of Companies & Enterprises	310	290	-20	-6.4%	-0.6%
Administrative & Support & Waste Management	5,180	5,660	480	9.2%	0.9%
Education & Health Services	11,330	12,530	1,210	10.7%	1.1%
Educational Services	4,530	4,760	230	5.0%	0.5%
Health Care & Social Assistance	6,800	7,780	980	14.4%	1.4%
Leisure & Hospitality	23,130	24,150	1,020	4.4%	0.4%
Arts, Entertainment, & Recreation	2,070	2,210	140	6.7%	0.7%
Accommodation & Food Services	21,060	21,940	880	4.2%	0.4%
Accommodation	11,910	12,230	320	2.7%	0.3%
Food Services & Drinking Places	9,150	9,710	560	6.1%	0.6%
Other Services (Except Government)	2,720	2,870	150	5.4%	0.5%
Government¹	4,990	5,120	120	2.5%	0.2%
Total Self-Employed & Unpaid Family Workers	8,280	8,770	480	5.8%	0.6%

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, 2018

All claimants

Characteristic	Maui/Lānaʻi Annual Average	Percent of Total	Molokaʻi Annual Average	Percent of Total
Total	844	100.0	61	100.0
Sex				
Male	561	66.5	32	53.2
Female	283	33.5	28	46.8
Industry				
State	15	1.8	1	1.0
County	--	--	0	0.0
Agriculture/Forestry/Fishing	13	1.5	23	38.4
Mining	0	0.0	0	0.0
Utilities	1	0.2	0	0.0
Construction	257	30.5	6	10.4
Manufacturing	3	0.4	1	1.9
Wholesale Trade	10	1.2	1	2.2
Retail Trade	30	3.6	--	--
Transportation/Warehousing	46	5.4	3	5.3
Information	7	0.9	0	0.0
Finance/Insurance	7	0.8	1	1.0
Real Estate/Rental/Leasing	17	2.0	0	0.0
Professional/Tech. Services	20	2.4	1	1.2
Management of Companies	1	0.1	0	0.0
Admin/Waste Services	129	15.3	3	5.3
Education	7	0.9	--	--
Health Care/Social Assistance	28	3.3	7	11.0
Arts/Entertainment/Recreation	24	2.9	--	--
Accommodation/Food Services	122	14.5	1	1.6
Other Services	22	2.6	2	2.7
Public Administration	0	0.0	0	0.0
Information not available	83	9.8	10	16.2
Age				
Under 22	12	1.4	1	1.0
22 to 24	23	2.7	6	9.5
25 to 34	180	21.3	13	20.7
35 to 44	198	23.4	14	22.4
45 to 54	173	20.4	10	17.0
55 to 64	193	22.9	10	16.9
65 and over	67	7.9	8	12.6
Duration				
1 to 4 weeks	343	40.6	19	32.0
5 to 14 weeks	304	36.1	24	38.7
15 and over	197	23.3	18	29.4

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9.3.1

CONTINUED

Characteristic	Maui/Lānaʻi		Molokaʻi	
	Annual Average	Percent of Total	Annual Average	Percent of Total
Occupation				
Management	66	7.8	4	6.3
Business/Finance	20	2.4	1	2.2
Computer/Math	8	1.0	1	1.5
Architecture/Engineer	6	0.7	1	1.4
Life/Physical/Social Science	6	0.7	2	3.6
Community/Social Services	6	0.7	--	--
Legal	2	0.2	0	0.0
Education/Training/Library	11	1.3	1	1.2
Arts/Entertainment/Sports	24	2.9	1	1.0
Health Practitioner/Tech.	15	1.7	1	1.2
Healthcare Support	10	1.1	1	1.5
Protective Services	5	0.6	2	2.6
Food Preparation/Serving	91	10.8	2	3.6
Building/Grounds Maintenance	25	3.0	2	3.7
Personal Care/Service	24	2.9	2	3.3
Sales	43	5.1	3	4.4
Office/Administrative Support	76	9.0	4	7.3
Farm/Fishing/Forestry	14	1.6	17	27.4
Construction	281	33.3	10	16.2
Installation/Repair	30	3.6	2	2.6
Production	13	1.6	1	1.1
Transportation/Moving	43	5.1	3	5.5
Information not available	25	3.0	1	1.8
Ethnicity				
American Indian	8	1.0	1	1.1
Chinese	7	0.8	0	0.0
Filipino	129	15.2	17	27.8
Japanese	38	4.5	1	1.2
Other Asian	9	1.0	0	0.0
Black	12	1.4	1	1.2
Hawaiian	180	21.3	34	56.4
Other Pacific Islander	42	5.0	1	1.1
White & Latino	292	34.6	4	6.7
Other	126	14.9	3	4.4
Information not available	0	0.0	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 2018.

9.3.2

LABOR FORCE STATUS AND EMPLOYMENT CHARACTERISTICS MAUI COUNTY

Labor Force Status	2014	2015	2016	2017
Persons 16 Years and Over	130,748	131,298	132,011	133,300
In labor force	87,672	87,452	88,807	88,831
Civilian labor force	87,233	86,939	88,807	88,353
Employed	81,212	83,147	85,569	84,476
Unemployed	6,021	3,792	3,238	3,877
Armed forces	439	513	0	478
Not in labor force	43,076	43,846	43,204	44,469
Males 16 Years and Over	65,053	65,915	64,619	65,928
In labor force	46,666	46,085	45,842	45,241
Civilian labor force	46,227	45,572	45,842	44,808
Employed	42,469	44,008	43,792	42,864
Unemployed	3,758	1,564	2,050	1,944
Armed forces	439	513	0	478
Not in labor force	18,387	19,830	18,777	20,687
Females 16 Years and Over	65,695	65,383	67,392	67,372
In labor force	41,006	41,367	42,965	43,590
Civilian labor force	41,006	41,367	42,965	43,545
Employed	38,743	39,139	41,777	41,612
Unemployed	2,263	2,228	1,188	1,933
Armed forces	0	0	0	0
Not in labor force	24,689	24,016	24,427	23,782

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

9.3.3

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

2017	Total	Armed Forces	Not in Labor Force	Civilian Labor Force			
				Total	Employed	Unemployed	% Unemployed
Maui Island							
Haiku-Pauwela CDP	6,237	0	2,316	3,921	3,798	123	2.0%
Hāli'imaile CDP	849	2	274	573	514	59	6.9%
Hāna CDP	835	0	273	562	531	31	3.7%
Kā'anapali CDP	885	0	466	419	405	14	1.6%
Kahului CDP	23,913	11	8,553	15,349	14,549	800	3.3%
Kapalua CDP	273	0	144	129	123	6	2.2%
Kēōkea CDP	1,737	0	629	1,108	1,090	18	1.0%
Kīhei CDP	17,853	74	5,111	12,668	11,929	739	4.1%
Kula CDP	6,449	24	2,128	4,297	4,125	172	2.7%
Lahaina CDP	10,224	46	2,563	7,615	7,224	391	3.8%
Launiupoko CDP	462	0	102	360	352	8	1.7%
Ma'alaea CDP	246	1	142	103	103	0	0.0%
Mahinahina CDP	867	2	215	650	650	0	0.0%
Makawao CDP	5,417	0	1,614	3,803	3,695	108	2.0%
Mākena CDP	111	0	37	74	68	6	5.4%
Nāpili-Honokōwai CDP	5,986	39	1,714	4,233	4,163	70	1.2%
Olinda CDP	883	6	308	569	437	132	14.9%
Olowalu CDP	107	0	28	79	79	0	0.0%
Pā'ia CDP	2,030	7	510	1,513	1,486	27	1.3%
Pukalani CDP	6,731	0	2,145	4,586	4,437	149	2.2%
Waihe'e-Waiehū CDP	7,139	0	1,766	5,373	5,078	295	4.1%
Waikapū CDP	2,324	6	590	1,728	1,681	47	2.0%
Wailea CDP	4,914	11	2,177	2,726	2,565	161	3.3%
Wailuku CDP	13,287	23	4,291	8,973	8,347	626	4.7%
Moloka'i							
Kaunakakai CDP	2,691	0	1,117	1,574	1,542	32	1.2%
Kualapu'u CDP	1,493	3	622	868	808	60	4.0%
Maunaloa CDP	253	0	134	119	106	13	5.1%
Ualapu'e CDP	333	0	117	216	206	10	3.0%
Lāna'i							
Lāna'i City CDP	2,639	0	1,017	1,622	1,537	85	3.2%
Manele CDP	18	0	16	2	2	0	0.0%

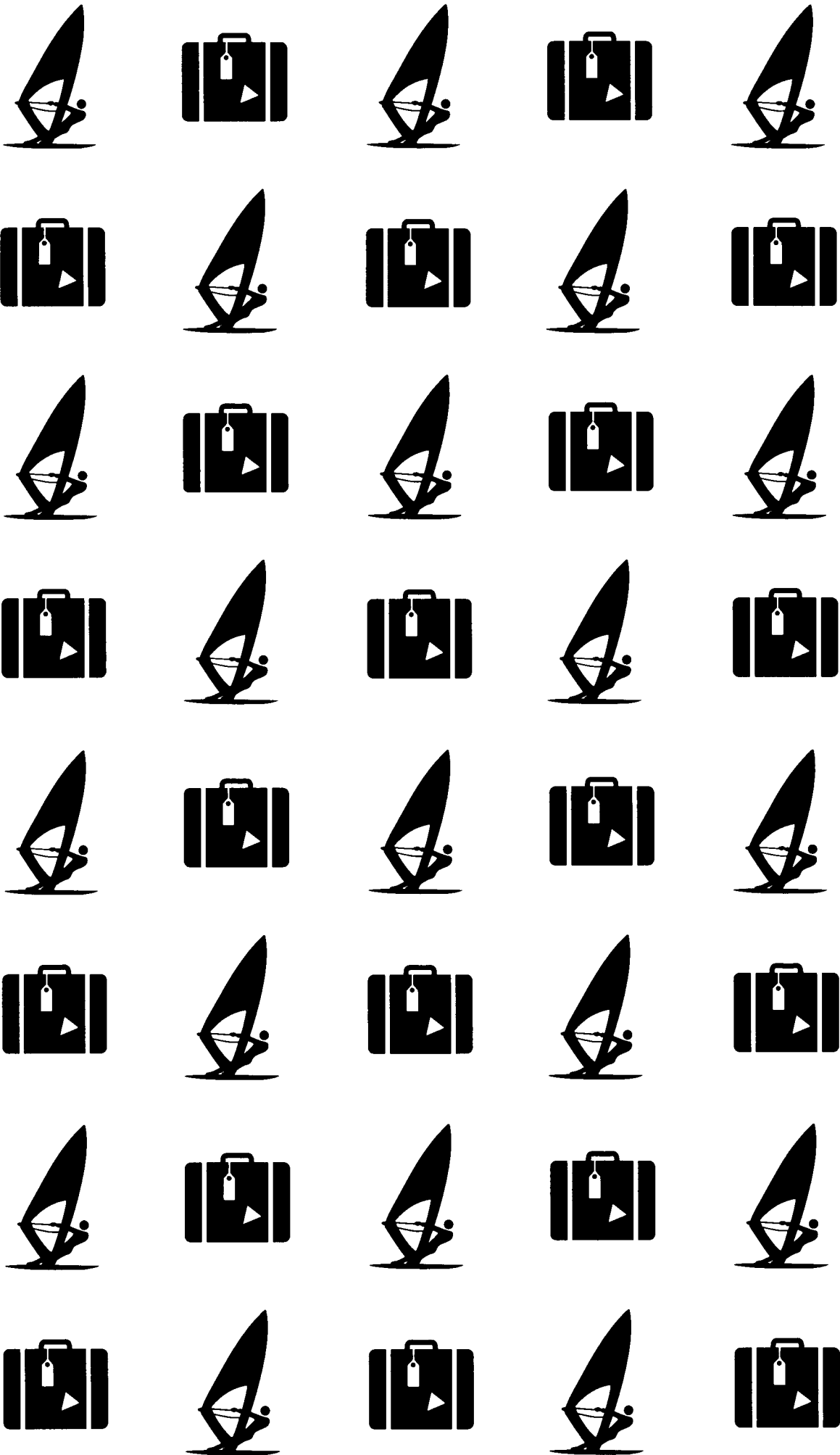
SOURCE: U.S. CENSUS BUREAU, AMERICAN COMMUNITY SURVEY 2013-2017 5-YEAR ESTIMATES.

9.3.4

WORKERS' COMPENSATION STATISTICS MAUI COUNTY

	2013	2014	2015	2016	2017
Maui					
Reported	2,762	2,817	2,816	2,732	2,686
Processed	5,332	5,239	5,679	5,353	5,123
With cost	3,907	3,705	4,080	4,005	3,708
Cost	\$30,305,143	\$30,983,819	\$35,527,485	\$38,148,063	\$38,252,727
Days lost	119,099	112,440	125,178	121,896	113,135
Moloka'i					
Reported	59	62	65	58	52
Processed	137	137	140	125	109
With cost	102	85	83	85	72
Cost	\$941,518	\$1,049,555	\$844,884	\$745,304	\$731,548
Days lost	4,875	4,416	2,601	2,549	2,098
Lāna'i					
Reported	98	130	98	99	78
Processed	158	207	195	182	163
With cost	114	153	153	144	114
Cost	\$670,754	\$2,755,433	\$2,284,220	\$1,648,290	\$2,019,567
Days lost	2,925	4,908	4,869	4,711	4,640
Maui County					
Reported	2,919	3,009	2,979	2,889	2,816
Processed	5,627	5,583	6,014	5,660	5,395
With cost	4,123	3,943	4,316	4,234	3,894
Cost	31,917,415	34,788,807	\$38,656,589	\$40,451,657	\$41,003,842
Days lost	126,899	121,764	132,648	129,156	119,873
Reported fatality	4	4	3	2	3

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

2017	Maui	Moloka'i	Lāna'i	Maui County
All Visitors				
January	230,581	5,243	6,238	235,500
February	217,554	5,791	6,222	221,897
March	259,868	4,835	6,893	264,580
April	236,680	5,833	6,532	241,258
May	238,268	4,271	6,443	242,877
June	280,561	4,543	6,841	284,221
July	295,110	5,644	6,251	299,339
August	246,063	3,955	6,051	249,373
September	212,357	4,644	5,008	215,102
October	216,606	4,731	5,428	220,339
November	225,178	4,639	5,984	228,539
December	255,295	4,930	5,792	259,593
Total	2,914,122	59,059	73,684	2,962,668
Domestic Visitors				
January	179,890	4,022	4,719	183,720
February	173,358	3,957	4,298	176,946
March	214,597	3,801	5,416	218,823
April	193,842	3,134	4,466	197,155
May	209,220	3,402	4,851	212,610
June	243,763	3,527	4,957	246,966
July	258,442	4,222	5,093	262,135
August	211,817	3,194	4,206	214,711
September	175,787	2,947	3,529	178,382
October	186,400	3,208	3,945	189,332
November	183,675	3,242	4,266	186,731
December	208,042	4,025	4,795	212,085
Total	2,438,832	42,681	54,542	2,479,596
International Visitors				
January	50,691	1,220	1,519	51,830
February	44,197	1,834	1,924	44,951
March	45,271	1,034	1,477	45,757
April	42,838	2,699	2,065	44,104
May	29,047	869	1,592	30,267
June	36,799	1,016	1,884	37,255
July	36,669	1,422	1,158	37,204
August	34,246	761	1,845	34,662
September	36,570	1,697	1,479	36,720
October	30,206	1,524	1,483	31,007
November	41,503	1,398	1,719	41,808
December	47,253	905	997	47,507
Total	475,290	16,378	19,142	483,071

SOURCE: HAWAII'Ī TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.1.2

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

Arrivals by air

	2013	2014	2015	2016	2017
Length of Stay (days)					
All Visitors					
Maui	8.17	8.25	8.19	8.14	8.05
Moloka'i	4.79	4.64	4.42	4.84	4.76
Lāna'i	3.49	3.32	2.79	3.51	3.40
Domestic					
Maui	8.49	8.55	8.42	8.32	8.22
Moloka'i	5.46	5.29	5.12	5.52	5.67
Lāna'i	3.95	3.65	3.18	3.96	4.01
International					
Maui	6.78	6.90	7.12	7.31	7.19
Moloka'i	2.54	2.16	2.06	2.79	2.52
Lāna'i	1.79	1.95	1.56	1.91	1.61
Average Daily Census					
All Visitors					
Maui	52,798	54,446	56,981	58,599	60,506
Moloka'i	725	758	784	779	763
Lāna'i	710	618	446	604	599
Domestic					
Maui	44,675	46,138	48,089	49,365	51,130
Moloka'i	638	685	699	667	646
Lāna'i	632	547	386	533	527
International					
Maui	8,124	8,308	8,893	9,234	9,376
Moloka'i	87	73	84	112	117
Lāna'i	78	71	60	71	72

SOURCE: HAWAII TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.1.3

AVERAGE DAILY VISITOR CENSUS BY COUNTY

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

Year	Maui	Hawai'i	Kaua'i	O'ahu	State
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	55,988	30,172	23,617	96,440	206,217
2015	58,211	31,408	24,533	99,782	213,934
2016	59,982	31,845	24,842	101,006	217,675
2017	61,868	35,412	26,364	105,141	228,785

SOURCE: HAWAII TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.1.4

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

Arrivals by air

2017	Maui	Moloka'i	Lāna'i	County	State
Anchorage	14,403	697	195	14,944	52,638
Atlanta	18,680	338	491	18,953	52,254
Austin	14,106	268	345	14,340	36,310
Bakersfield	5,337	54	105	5,415	14,737
Baltimore	8,127	230	246	8,278	25,753
Bellingham	6,639	114	69	6,733	15,034
Boise City	10,023	166	181	10,176	26,849
Boston	20,835	347	531	21,139	51,580
Bremerton	5,747	128	105	5,857	19,351
Charlotte	6,469	117	157	6,539	16,974
Chicago	53,988	795	1,079	54,601	119,528
Cincinnati	7,632	174	167	7,733	17,603
Cleveland	6,226	112	164	6,292	14,541
Colorado Springs	5,277	115	117	5,351	18,567
Dallas	42,324	651	1,002	42,816	102,310
Denver	36,750	602	853	37,324	96,565
Detroit	15,997	261	326	16,144	34,666
Eugene	6,413	118	98	6,522	17,527
Fresno	9,122	165	150	9,243	23,336
Houston	25,185	456	637	25,583	71,102
Indianapolis	7,509	170	170	7,634	17,768
Kansas City	9,857	171	285	10,035	25,346
Las Vegas	20,950	413	529	21,336	71,896
Los Angeles	225,479	3,088	4,835	229,287	647,295
Miami	12,335	310	456	12,556	31,353
Minneapolis	26,704	498	572	27,093	66,486
Modesto	7,194	104	96	7,256	17,542
New York	71,125	1,285	2,278	72,321	176,143
Ogden	8,487	142	165	8,643	28,607
Olympia	6,035	121	87	6,137	17,313

CONTINUES ON THE NEXT PAGE

10.1.4
CONTINUED

2017	Maui	Moloka'i	Lāna'i	County	State
Orlando	6,691	171	181	6,755	18,253
Oxnard	18,764	201	353	18,974	48,848
Philadelphia	17,745	372	474	17,989	44,779
Phoenix	50,666	866	1,102	51,417	137,537
Pittsburgh	6,397	129	216	6,489	15,711
Portland	66,584	1,260	1,111	67,827	178,586
Provo	7,920	136	158	8,075	30,051
Reno	9,080	119	130	9,181	22,822
Riverside-San Bernardino	45,283	712	913	45,908	130,704
Sacramento	59,489	759	817	60,044	141,483
Salem	6,790	183	152	6,942	17,997
Salinas	6,125	110	130	6,227	16,897
Salt Lake City	18,159	265	344	18,453	57,599
San Antonio	7,392	209	223	7,524	25,110
San Diego	63,939	1,080	1,334	65,054	200,980
San Francisco	181,730	2,367	2,914	184,172	490,161
San Jose	76,849	769	1,087	77,633	200,561
San Luis Obispo	6,158	122	125	6,273	16,341
Santa Cruz	9,601	174	144	9,750	25,182
Santa Maria	6,776	96	161	6,908	20,728
Santa Rosa	15,718	327	267	15,982	37,573
Seattle	132,400	1,962	1,883	134,155	355,913
Spokane	9,785	217	174	9,961	24,761
St. Louis	11,859	216	331	12,010	28,354
Stockton	10,765	131	182	10,889	28,130
Tampa	7,408	199	229	7,525	20,515
Tucson	7,390	159	183	7,548	22,455
Vallejo	9,658	133	142	9,745	28,165
Virginia Beach	3,563	121	99	3,654	16,821
Washington D.C.	26,643	538	697	27,077	90,899

CBSA: Core Based Statistics Area

SOURCE: HAWAII TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT, AND U.S. CENSUS BUREAU.

10.1.5

**VISITOR ARRIVALS
MAUI COUNTY**

Year	International	Domestic	By Ship¹	Total
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	445,057	2,011,878	228,992	2,456,935
2015	463,377	2,115,934	228,674	2,579,311
2016	470,232	2,207,858	216,250	2,678,089
2017	482,997	2,303,733	255,846	2,786,729

1. Visitor arrivals by ships until 2011. Visitor arrivals by ships and by air starting in 2012.
NA: Not available

SOURCE: HAWAII TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.1.6

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

Arrivals by air

2017	Maui	Molokaʻi	Lānaʻi
Total	2,744,994	58,450	64,357
United States	2,109,491	37,693	44,367
Canada	262,919	3,767	4,765
Asia	139,979	4,477	4,538
China	31,650	849	1,118
Hong Kong	765	22	11
Japan	57,738	2,515	2,373
Korea	45,271	1,063	861
Singapore	1,195	0	127
Taiwan	3,359	27	49
Oceania	73,511	5,221	6,159
Australia	61,596	4,736	5,517
New Zealand	11,915	485	641
Europe	60,172	2,179	1,316
United Kingdom	16,843	282	480
France	7,786	619	106
Germany	20,994	771	427
Italy	5,608	93	65
Switzerland	8,940	412	238
Latin America	9,462	372	320
Argentina	3,134	128	82
Brazil	3,077	71	53
Mexico	3,251	173	185
Other	89,461	4,743	2,891

SOURCE: HAWAIIʻI TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.1.7

TOTAL AIR SEATS OPERATED TO KAHULUI AIRPORT

	2014	2015	2016	2017
TOTAL SEATS	1,982,552	2,271,354	2,334,832	2,329,750
Scheduled	1,975,832	2,265,402	2,332,192	2,328,461
Charter	6,720	5,952	2,640	1,289
DOMESTIC SEATS	1,804,396	2,069,804	2,124,832	2,124,475
Scheduled Seats	1,797,676	2,063,852	2,122,192	2,123,186
Charter Seats	6,720	5,952	2,640	1,289
US West	1,680,424	1,904,542	1,989,765	1,982,732
Anchorage	10,512	10,921	11,982	11,448
Bellingham	19,797	14,507	13,906	13,674
Denver	37,973	30,797	36,335	37,518
Los Angeles	583,813	590,630	600,975	626,990
Oakland	150,298	154,625	153,147	151,314
Phoenix	107,540	114,512	110,700	99,416
Portland	96,959	101,875	102,175	98,898
Sacramento	58,757	59,495	59,458	58,035
Salt Lake City	0	0	0	2,486
San Diego	71,170	67,808	72,001	61,533
San Francisco	180,200	333,855	403,513	409,835
San Jose	150,046	154,030	147,609	136,568
Seattle	213,359	271,487	277,964	275,017
US East	117,252	159,310	132,427	140,454
Chicago	14,792	40,936	21,672	21,520
Dallas	102,460	118,374	110,755	118,934
INTERNATIONAL SEATS	178,156	201,550	210,000	205,275
Canada	178,156	201,550	210,000	205,275
Calgary	36,187	35,848	39,456	40,859
Edmonton	12,213	12,582	14,574	10,480
Vancouver	129,756	153,120	155,970	153,936

SOURCE: HAWAII TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.1.8

**HOTEL OCCUPANCY AND ROOM RATES
MAUI ISLAND**

Month, 2017	Occupancy	Average Daily Rate (\$)	Revenue per Available Room (\$)
January	78.2%	382.43	299.06
February	79.8%	383.02	305.65
March	80.0%	381.34	305.07
April	78.7%	351.70	276.79
May	75.6%	311.80	235.72
June	77.7%	342.35	266.01
July	80.2%	370.32	297.00
August	76.1%	339.68	258.50
September	73.6%	279.25	205.53
October	74.9%	294.58	220.64
November	75.2%	313.70	235.90
December	75.1%	477.22	358.39
Total	77.1%	\$353.04	\$272.15

SOURCE: HAWAII'Ō TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.2.1

CLASS OF VISITOR ACCOMMODATION UNITS BY ISLAND

	2014	2015	2016	2017	2018
Maui					
Budget (up to \$100)	3.1%	1.9%	1.6%	1.5%	1.1%
Standard (\$101 to \$250)	22.3%	19.2%	18.7%	18.9%	17.6%
Deluxe (\$251 to \$500)	27.3%	25.2%	23.4%	25.9%	20.2%
Luxury (over \$500 per night)	47.3%	53.8%	56.3%	53.7%	61.1%
Moloka'i					
Budget (up to \$100)	2.9%	6.2%	6.7%	7.2%	6.1%
Standard (\$101 to \$250)	92.8%	85.6%	88.9%	88.0%	89.8%
Deluxe (\$251 to \$500)	3.6%	8.2%	4.4%	3.6%	3.1%
Luxury (over \$500 per night)	0.7%	0.0%	0.0%	1.2%	1.0%
Lāna'i					
Budget (up to \$100)	0.0%	0.0%	0.0%	0.0%	0.0%
Standard (\$101 to \$250)	4.2%	4.5%	4.5%	2.6%	1.8%
Deluxe (\$251 to \$500)	43.3%	26.3%	26.3%	3.9%	0.0%
Luxury (over \$500 per night)	52.4%	69.2%	69.2%	93.4%	98.2%
Hawai'i Island					
Budget (up to \$100)	8.3%	9.9%	8.9%	9.6%	10.1%
Standard (\$101 to \$250)	28.1%	32.9%	27.0%	19.7%	21.3%
Deluxe (\$251 to \$500)	44.0%	36.5%	43.5%	41.5%	38.8%
Luxury (over \$500 per night)	19.6%	20.6%	20.6%	29.2%	29.7%
Kaua'i					
Budget (up to \$100)	7.2%	2.7%	2.1%	4.2%	2.4%
Standard (\$101 to \$250)	19.6%	33.7%	31.8%	35.8%	33.7%
Deluxe (\$251 to \$500)	44.7%	26.6%	29.7%	20.5%	20.9%
Luxury (over \$500 per night)	28.6%	37.0%	36.4%	39.5%	43.0%
O'ahu					
Budget (up to \$100)	6.6%	3.1%	2.8%	2.3%	5.4%
Standard (\$101 to \$250)	24.0%	32.2%	28.6%	25.4%	26.1%
Deluxe (\$251 to \$500)	46.6%	36.1%	39.2%	42.9%	35.1%
Luxury (over \$500 per night)	22.8%	28.6%	29.4%	29.4%	33.5%
Statewide					
Budget (up to \$100)	6.1%	3.8%	3.5%	3.4%	4.9%
Standard (\$101 to \$250)	23.8%	29.4%	26.4%	24.0%	24.3%
Deluxe (\$251 to \$500)	41.7%	32.6%	35.4%	36.9%	30.9%
Luxury (over \$500 per night)	28.4%	34.1%	34.6%	35.7%	39.9%

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**

	2015		2016		2017		2018	
	Prop	Units	Prop	Units	Prop	Units	Prop	Units
Maui								
Apartment/Hotel	2	25	0	15	0	15	0	15
Bed & Breakfast	36	189	46	187	42	168	38	159
Condo Hotel	58	4,534	52	4,317	52	4,402	53	4,189
Hostel	3	53	3	48	3	48	3	48
Hotel	31	8,142	35	8,245	34	7,742	31	7,372
Individual Unit	602	4,773	376	5,469	323	5,472	220	5,912
Timeshare	25	3,227	22	3,160	22	3,379	23	3,648
Other	4	29	2	24	2	24	2	24
Total	761	20,972	536	21,465	478	21,250	370	21,367
Moloka'i								
Apartment/Hotel	0	0	0	0	0	0	0	0
Bed & Breakfast	1	1	1	1	1	1	1	1
Condo Hotel	2	73	2	73	2	71	2	70
Hostel	0	0	0	0	0	0	0	0
Hotel	0	0	0	0	0	0	0	0
Individual Unit	18	108	14	101	19	165	19	166
Timeshare	1	7	1	7	1	7	1	7
Other	0	0	0	0	0	0	0	0
Total	22	189	18	182	23	244	23	244
Lāna'i								
Apartment/Hotel	0	0	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	2	247	2	247	2	224	1	213
Individual Unit	1	5	2	5	2	5	2	5
Timeshare	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	3	252	4	252	4	229	3	218

Prop: Number of properties

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

10.2.3

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

Area/Type, 2018	Properties	Units
Hāna		
Bed & Breakfast	1	2
Condo Hotel	1	17
Hotel	1	71
Individual Unit	6	22
Other	1	4
Kahului-Wailuku		
Apartment/Hotel	1	15
Bed & Breakfast	5	23
Hostel	3	48
Hotel	5	487
Individual Unit	4	16
Kula-Makawao		
Bed & Breakfast	13	47
Hotel	3	38
Individual Unit	2	13
West Maui		
Bed & Breakfast	7	43
Condo Hotel	30	2,653
Hotel	12	3,600
Individual Unit	98	2,453
Timeshare	15	3,115
Other	1	20
Ma'alaea		
Bed & Breakfast	1	5
Individual Unit	4	216
Wailea-Kihei		
Bed & Breakfast	11	39
Condo Hotel	22	1,519
Hotel	10	3,176
Individual Unit	106	3,192
Timeshare	8	533

SOURCE: HAWAII TOURISM AUTHORITY, VISITOR PLANT INVENTORY.

10.2.4

VISITOR PLANT INVENTORY MAUI COUNTY

Year	Available Units
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
2016	21,899
2017	21,723
2018	21,829

NA: Not available

SOURCE: HAWAII TOURISM AUTHORITY, VISITOR PLANT INVENTORY.

10.3.1

DAILY EXPENDITURES PER PERSON BY ISLAND

Arrivals by air

2017	Maui	Molokaʻi	Lānaʻi	Hawaiʻi	Kauaʻi	Oʻahu
Total Spending	\$211.87	\$124.22	\$483.76	\$185.21	\$188.39	\$198.34
Lodging	102.82	48.89	295.26	74.55	81.95	88.30
Total Food and Beverage	42.79	25.75	93.02	37.05	39.39	38.20
Restaurants	27.10	12.16	84.90	24.27	24.24	25.86
Dinner shows and cruises	5.02	0.33	2.04	2.24	4.68	4.88
Groceries and snacks	10.67	13.26	6.07	10.54	10.47	7.46
Entertainment & Recreation	17.76	12.59	33.68	20.43	22.55	17.82
Total Transportation	23.48	26.04	27.05	29.81	23.72	14.67
Interisland airfare	4.05	9.75	14.45	7.87	3.67	2.16
Ground transportation	0.70	0.58	3.80	0.75	0.42	1.97
Rental vehicles	17.59	14.15	8.39	19.05	18.70	9.60
Gasoline, parking, etc.	1.14	1.56	0.41	2.13	0.94	0.94
Total Shopping	17.53	8.19	18.96	16.86	15.15	33.39
Fashion and clothing	7.19	3.37	9.33	5.60	6.22	12.34
Jewelry and watches	3.19	0.77	0.68	2.04	2.29	3.98
Cosmetics, perfume	0.48	0.00	0.13	0.45	0.35	1.84
Leather goods	0.71	0.07	4.24	0.20	0.15	4.48
Hawaiʻi food products	2.07	2.35	0.82	3.79	2.14	3.19
Souvenirs	3.89	1.63	3.76	4.77	4.00	7.57
All Other Expenses	7.50	2.75	15.80	6.52	5.62	5.96

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

SOURCE: HAWAII TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.3.2

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

2017	Maui	Hawai'i	Kaua'i	O'ahu	State
Total Spending	\$75.53	\$67.70	\$64.01	\$134.43	\$237.48
Lodging	11.29	8.12	9.80	46.45	22.43
Total Food and Beverage	9.68	6.93	6.04	25.92	14.02
Restaurants	7.28	5.15	4.21	18.93	10.27
Dinner shows	1.02	0.38	0.81	3.37	1.64
Groceries and snacks	1.38	1.40	1.01	3.63	2.12
Entertainment and Recreation	1.82	1.86	1.66	4.25	2.64
Shore Tour	24.04	28.35	28.51	17.66	23.86
Total Transportation	6.70	5.83	5.18	12.09	8.11
Interisland airfare	1.51	1.59	1.40	1.91	1.67
Ground transportation	1.65	1.68	0.97	5.12	2.71
Rental car, moped	3.17	2.34	2.58	4.31	3.29
Other transportation	0.37	0.22	0.24	0.75	0.44
Total Shopping	18.19	14.04	10.77	24.85	18.22
Fashion and clothing	6.51	3.71	3.62	10.58	6.74
Jewelry and watches	4.33	2.25	2.51	4.54	3.57
Cosmetics, perfume	1.13	0.22	0.25	1.38	0.84
Leather goods	0.77	1.50	0.09	1.20	0.98
Hawai'i food products	1.32	2.36	1.11	1.98	1.77
Souvenirs	4.12	3.99	3.18	5.18	4.31
All Other Spending Outside Ship	3.82	2.58	2.05	3.20	2.99

SOURCE: HAWAII TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.3.3

SUMMARY VISITOR CHARACTERISTICS MAUI COUNTY

Arrivals by air

2017	Total	Domestic	International
Islands Visited			
O'ahu	782,403	518,928	263,475
Maui County	2,786,729	2,303,733	482,997
Maui	2,744,994	2,269,119	475,875
Maui Only	1,747,039	1,554,168	192,871
Moloka'i	58,450	41,560	16,890
Moloka'i Only	7,425	6,925	500
Lāna'i	64,357	48,021	16,337
Lāna'i Only	9,493	9,170	323
Kaua'i	328,993	258,989	70,004
Hawai'i Island	400,303	289,291	111,012
Kona	336,806	244,898	91,908
Hilo	232,666	159,332	73,334
Visit Status			
First-Time (%)	32.3	29.5	45.4
Repeat (%)	67.7	70.5	54.6
Average Number of Trips	5.23	5.62	3.35
Party Size			
Average Party Size	2.23	2.20	2.36
Accommodations			
Hotel	1,563,750	1,269,705	294,044
Hotel Only	1,210,813	998,740	212,073
Condo	757,780	605,935	151,844
Condo Only	585,962	477,480	108,483
Timeshare	304,932	275,841	29,091
Timeshare Only	225,029	206,427	18,601
Rental House	204,496	169,825	34,672
Hostel	26,709	18,762	7,946
Camp Site, Beach	20,496	15,345	5,151
Bed & Breakfast	40,545	30,001	10,544
Cruise Ship	113,312	88,395	24,917
Friends or Relatives	175,410	154,710	20,700

SOURCE: HAWAII TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.3.4

SUMMARY VISITOR CHARACTERISTICS BY ISLAND, MAUI COUNTY

Arrivals by air

2017	Maui	Moloka'i	Lāna'i
Islands Visited			
O'ahu	764,035	35,574	31,910
Maui County	2,744,994	58,450	64,357
Maui	2,744,994	36,917	42,975
Moloka'i	36,917	58,450	14,892
Lāna'i	42,975	14,892	64,357
Kaua'i	323,351	18,799	21,094
Hawai'i Island	391,898	23,103	25,363
Kona	329,653	21,104	23,677
Hilo	229,262	17,677	17,680
Island only	1,747,039	7,425	9,493
Visit Status			
First-Time (%)	32.4	38.5	36.5
Repeat (%)	67.6	61.5	63.5
Average Number of Trips	5.21	5.19	5.03
Party Size			
Average Party Size	2.23	2.02	2.12
Accommodations			
Hotel	1,541,021	33,027	42,425
Hotel Only	1,193,716	19,169	30,038
Condo	749,329	13,431	10,116
Condo Only	580,436	8,092	6,906
Timeshare	302,059	3,594	4,992
Timeshare Only	223,012	2,081	3,528
Rental House	199,159	7,329	4,536
Hostel	26,371	838	674
Camp Site, Beach	20,131	936	986
Bed & Breakfast	39,886	1,622	1,292
Cruise Ship	112,903	6,304	7,841
Friends or Relatives	168,822	8,253	5,824

SOURCE: HAWAII TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.3.5

TOTAL CRUISE PASSENGERS BY MMA MAUI COUNTY

	Visitors	US West	US East	Canada	Oceania	Europe	Other	Hawai'i Residents	Total
2012									
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
2013									
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
2014									
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
2015									
Maui	228,674	58,572	91,830	27,810	23,414	10,653	16,395	3,702	232,376
Moloka'i	3,140	1,461	912	337	174	112	144	72	3,212
Lāna'i	4,858	2,041	1,612	365	331	183	326	59	4,917
2016									
Maui	216,250	58,076	84,281	22,350	27,284	7,889	16,369	3,596	219,846
Moloka'i	3,523	1,486	892	211	299	125	509	0	3,523
Lāna'i	5,052	2,063	1,471	459	489	126	444	0	5,052
2017									
Maui	236,901	62,393	98,570	20,055	29,710	8,696	17,476	2,566	239,467
Moloka'i	3,173	1,346	804	275	380	38	330	0	3,173
Lāna'i	4,685	2,020	1,187	407	489	69	513	0	4,685

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	
	2018	2019
Kahului Harbor		
January	7	6
February	5	3
March	7	5
April	6	5
May	4	5
June	4	5
July	5	4
August	4	4
September	7	5
October	6	9
November	5	6
December	6	8
Total	66	65
Lahaina Small Boat Harbor		
January	5	4
February	2	4
March	5	2
April	6	8
May	5	4
June	1	1
July	1	0
August	0	0
September	2	5
October	6	6
November	6	7
December	5	4
Total	44	45

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

2017	US West	US East	Japan	Canada
All Sightseeing	95.6%	97.2%	84.0%	96.7%
Self-guided / drive around island	84.4%	73.6%	53.9%	85.1%
Scenic views / natural landmarks	65.6%	73.8%	36.6%	72.1%
Boat / submarine tour / whale watching	39.0%	36.7%	10.1%	34.4%
Visit communities	23.1%	29.0%	17.3%	32.3%
Limo / van tour / tour bus	7.2%	18.5%	21.4%	8.7%
Helicopter / airplane tour	5.4%	7.1%	0.0%	5.7%
Movie / TV film location	1.0%	1.3%	1.5%	1.8%
All Recreation	94.6%	91.4%	78.4%	95.9%
Beach / sunbathing	85.5%	76.9%	61.3%	87.5%
Swimming in the ocean / snorkeling	70.1%	62.3%	35.8%	74.3%
Parks / botanical gardens	33.1%	39.4%	20.4%	35.1%
Running / jogging / fitness walking	37.1%	32.3%	10.8%	40.8%
Backpacking / hiking / camping	21.0%	22.3%	3.9%	21.8%
Bodyboarding / paddleboarding	21.4%	9.4%	5.5%	24.3%
Spa	11.6%	10.6%	5.4%	6.6%
Golf	10.6%	7.0%	8.6%	10.4%
Agritourism	6.3%	8.8%	0.0%	5.7%
Canoeing / kayaking	5.6%	5.3%	0.8%	4.6%
Surfing	4.9%	4.7%	2.3%	11.4%
Scuba diving	5.0%	3.4%	3.0%	4.9%
Fishing	3.9%	2.0%	1.6%	2.0%
Jet skiing / parasailing	2.3%	2.0%	0.8%	0.8%
Sports event / tournament	1.3%	1.5%	1.6%	2.2%
Windsurfing / kitesurfing	0.5%	0.2%	2.4%	1.2%
All Entertainment / Dining	96.5%	91.1%	83.8%	95.7%
Family restaurant	66.6%	52.3%	24.3%	65.8%
Fine dining	57.4%	58.6%	27.3%	49.2%
Prepared own meals	53.5%	32.6%	22.0%	68.8%
Café / coffee house	37.3%	33.4%	32.5%	49.0%
Live music / stage show	30.4%	33.9%	13.7%	28.8%
Lunch / sunset / dinner / evening cruise	28.7%	28.8%	38.0%	26.2%
Fast food	31.4%	21.8%	32.5%	36.6%
Ethnic dining	24.9%	26.4%	5.5%	20.1%
Nightclub / dancing / bar / karaoke	7.7%	5.0%	0.0%	7.0%

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10.4.1

CONTINUED

2017	US West	US East	Japan	Canada
All Shopping	94.2%	91.0%	83.0%	94.8%
Local shops / artisans	71.5%	65.6%	18.8%	69.8%
Supermarkets	61.1%	45.3%	49.7%	65.8%
Convenience stores	39.2%	35.7%	34.2%	45.0%
Malls / department stores	41.5%	30.6%	57.4%	51.6%
Hotel stores	30.2%	32.9%	20.1%	22.0%
Farmers market	27.2%	18.1%	11.0%	33.8%
Designer boutiques	23.0%	21.4%	12.5%	25.2%
Discount / outlet stores	24.0%	17.0%	21.0%	28.6%
Swap meet / flea market	15.2%	9.1%	7.1%	19.7%
Duty free stores	1.6%	2.1%	11.6%	4.3%
All Culture	64.7%	66.0%	31.2%	63.4%
Luau / Polynesian show / hula show	31.5%	39.4%	6.1%	31.1%
Other historic site	22.3%	24.3%	14.9%	22.8%
Museum / art gallery	24.6%	18.7%	6.3%	19.9%
Art / craft fair	16.3%	12.8%	0.8%	14.5%
Festivals / events	6.3%	5.3%	1.6%	6.4%
Play / concert / theatre	5.9%	5.0%	1.6%	7.0%
Lessons, ukulele / hula / canoeing	4.1%	4.8%	1.6%	4.6%
Historic military site	3.1%	3.0%	4.6%	3.2%
All Transportation	95.7%	94.6%	90.9%	96.6%
Rental car	88.3%	73.2%	45.5%	86.0%
Airport shuttle	11.5%	16.0%	17.5%	15.8%
Tour bus / tour van	6.8%	19.9%	25.4%	8.4%
Taxi / limousine	6.8%	10.4%	18.5%	8.3%
Public bus	2.3%	2.8%	7.8%	4.5%
Trolley	0.9%	2.1%	17.7%	1.1%

SOURCE: HAWAII TOURISM AUTHORITY, 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
U.S. Visitors						
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%
2015	70.6%	56.2%	55.5%	59.7%	74.0%	57.2%
2016	88.8%	81.0%	74.3%	82.3%	92.8%	78.5%
2017	89.8%	93.9%	89.5%	84.4%	92.8%	81.8%
Japan Visitors						
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%
2015	56.6%	39.9%	30.8%	52.0%	49.9%	56.6%
2016	75.1%	66.0%	60.3%	74.6%	70.4%	76.5%
2017	75.0%	65.8%	56.7%	77.5%	82.3%	77.6%

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

10.4.3

OVERALL ISLAND EXPERIENCE BY MMA AND ISLAND MAUI COUNTY

2017	US Total	US West	US East	Japan	Canada
Maui					
Excellent	89.8%	89.0%	91.1%	75.0%	89.5%
Above Average	8.7%	9.4%	7.5%	24.2%	9.3%
Below Average	1.4%	1.5%	1.3%	0.8%	1.1%
Poor	0.1%	0.1%	0.1%	0.0%	0.1%
Moloka'i					
Excellent	93.9%	95.3%	92.1%	65.8%	68.5%
Above Average	6.1%	4.7%	7.9%	34.2%	23.6%
Below Average	0.0%	0.0%	0.0%	0.0%	7.9%
Poor	0.0%	0.0%	0.0%	0.0%	0.0%
Lāna'i					
Excellent	89.5%	89.3%	89.6%	56.7%	85.9%
Above Average	7.8%	6.7%	8.9%	43.3%	12.5%
Below Average	2.7%	4.0%	1.5%	0.0%	1.6%
Poor	0.0%	0.0%	0.0%	0.0%	0.0%

MMA: Major Market Area

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

10.4.4

VISITORS BY INCOME LEVEL AND MMA MAUI COUNTY

Income ¹	US West	US East	Canada
Under \$40,000	6.4%	4.0%	6.3%
\$40,000 to \$59,999	8.9%	6.6%	10.2%
\$60,000 to \$79,999	10.8%	10.0%	13.7%
\$80,000 to \$99,999	12.8%	11.0%	12.9%
\$100,000 to \$124,999	17.7%	15.7%	15.5%
\$125,000 to \$149,999	9.7%	11.4%	10.4%
\$150,000 to \$174,999	9.3%	9.1%	8.9%
\$175,000 to \$199,999	4.6%	8.3%	5.2%
\$200,000 to \$249,999	6.6%	8.7%	6.0%
\$250,000 or more	13.2%	15.1%	11.0%

Income ¹	Europe	Oceania
Under \$40,000	18.0%	14.5%
\$40,000 to \$59,999	13.6%	12.9%
\$60,000 to \$79,999	13.9%	13.3%
\$80,000 to \$99,999	13.6%	14.3%
\$100,000 to \$124,999	12.1%	14.1%
\$125,000 to \$149,999	6.9%	9.4%
\$150,000 to \$174,999	6.2%	5.9%
\$175,000 to \$199,999	4.5%	1.5%
\$200,000 to \$249,999	3.4%	3.8%
\$250,000 or more	7.8%	10.3%

1. All in U.S. dollars.

MMA: Major Market Area

SOURCE: HAWAII'S TOURISM AUTHORITY, 2017 VISITOR SATISFACTION AND ACTIVITY REPORT.

10.4.5

**VISITATION DECISION TIMETABLE
MAUI COUNTY**

Visitors, 2017	More than 1 year	10 to 12 months	7 to 9 months	4 to 6 months	1 to 3 months	Less than 1 month
U.S. West						
Decide to take vacation/pleasure trip	5.1%	20.1%	12.1%	30.8%	26.9%	4.9%
Decide to visit Hawai'i	5.2%	18.6%	12.0%	30.5%	28.0%	5.7%
Decide on which islands to visit	3.8%	16.5%	12.7%	32.3%	29.3%	5.5%
Set date for the trip	2.4%	12.9%	12.2%	32.2%	34.0%	6.2%
Choosing a place to stay	2.2%	11.3%	11.6%	31.5%	36.3%	7.1%
Make airline reservations	0.2%	4.7%	9.6%	33.1%	45.3%	7.1%
Purchase airline tickets	0.2%	4.2%	9.5%	33.3%	45.7%	7.1%
Make accommodation reservations	1.9%	10.1%	11.0%	30.5%	39.0%	7.5%
Make rental car reservations	0.3%	3.0%	6.6%	22.7%	56.9%	10.5%
Purchase tour or attraction packages	0.3%	1.3%	2.6%	13.3%	63.5%	19.0%
U.S. East						
Decide to take vacation/pleasure trip	6.1%	22.3%	13.3%	30.7%	23.5%	4.3%
Decide to visit Hawai'i	7.1%	20.0%	13.2%	30.0%	25.3%	4.4%
Decide on which islands to visit	4.1%	18.2%	13.0%	30.5%	29.2%	5.1%
Set date for the trip	2.9%	14.7%	13.2%	31.0%	33.1%	5.1%
Choosing a place to stay	2.6%	11.9%	12.1%	29.8%	36.6%	6.9%
Make airline reservations	0.3%	6.5%	10.8%	32.3%	43.6%	6.5%
Purchase airline tickets	0.2%	6.2%	10.7%	32.0%	43.9%	6.9%
Make accommodation reservations	1.5%	10.3%	13.0%	29.2%	38.7%	7.3%
Make rental car reservations	0.3%	3.5%	7.1%	22.5%	54.0%	12.6%
Purchase tour or attraction packages	0.1%	1.6%	4.6%	17.3%	61.4%	15.0%

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10.4.5

CONTINUED

Visitors, 2017	More than 1 year	10 to 12 months	7 to 9 months	4 to 6 months	1 to 3 months	Less than 1 month
Canada						
Decide to take vacation/pleasure trip	3.9%	20.9%	10.9%	28.3%	30.4%	5.5%
Decide to visit Hawai'i	4.3%	19.3%	11.6%	26.7%	32.1%	6.0%
Decide on which islands to visit	3.0%	15.8%	12.0%	28.4%	34.8%	6.0%
Set date for the trip	2.1%	14.4%	11.6%	29.6%	35.9%	6.3%
Choosing a place to stay	2.0%	11.8%	9.9%	27.2%	41.2%	7.8%
Make airline reservations	0.2%	6.1%	10.4%	30.2%	45.2%	7.8%
Purchase airline tickets	0.2%	5.6%	9.9%	30.5%	45.8%	8.0%
Make accommodation reservations	1.8%	11.0%	10.0%	27.1%	42.0%	8.1%
Make rental car reservations	0.2%	3.8%	6.5%	22.8%	55.4%	11.3%
Purchase tour or attraction packages	0.1%	0.9%	2.7%	12.5%	65.3%	18.5%
Japan						
Decide to take vacation/pleasure trip	1.0%	11.6%	6.2%	30.6%	44.3%	6.3%
Decide to visit Hawai'i	1.6%	12.7%	6.3%	32.8%	41.4%	5.1%
Decide on which islands to visit	1.4%	11.3%	7.0%	31.0%	44.0%	5.4%
Set date for the trip	0.6%	9.7%	7.7%	30.9%	45.3%	5.8%
Choosing a place to stay	0.3%	7.0%	7.5%	30.2%	48.3%	6.6%
Make airline reservations	0.7%	8.9%	6.5%	28.6%	49.2%	6.1%
Purchase airline tickets	0.2%	5.9%	7.7%	28.4%	50.5%	7.4%
Make accommodation reservations	0.4%	9.7%	7.7%	29.0%	46.4%	6.8%
Make rental car reservations	0.5%	2.7%	1.8%	13.4%	58.8%	22.9%
Purchase tour or attraction packages	0.0%	0.8%	1.2%	12.6%	62.8%	22.6%

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

10.5.1

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

Attraction	2015	2016	2017
Maui			
Alexander & Baldwin Sugar Museum	34,370	41,235	36,621
Aquarium Maui / Maui Ocean Center	300,964	313,989	340,107
Haleakala National Park	1,216,772	1,263,558	1,112,390
Haleki'i-Pihana Heiaus State Monument	NA	NA	NA
Hāna Cultural Center	NA	NA	385
Īao Valley State Monument	NA	NA	NA
Kula Botanical Garden	20,400	22,300	23,500
Lahaina Restoration Foundation	20,648	21,822	25,152
Baldwin Missionary Home Museum	11,170	14,538	14,340
Hale Pa'i Printing House	479	282	228
Wo Hing Temple Museum	8,999	7,002	10,584
Maui Historical Society Bailey House Museum	11,807	12,049	11,884
Whalers Village Museum	203,595	NA	NA
Moloka'i			
Kalaupapa National Historical Park	67,891	71,527	76,512
Kalaupapa Settlement	NA	NA	NA

NA: Not available

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

10.5.2

NATIONAL AND STATE HISTORIC SITES MAUI COUNTY

2017	Maui	Kaho'olawe	Lāna'i	Moloka'i
Listed Hawai'i Register	75	1	0	101
Listed National Register	68	0	0	1
Nominated Hawai'i Register	0	0	0	0

As of July 1. Categories are not exclusive. A site may be listed on both Hawai'i Register and National Register.

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

10.5.3

NATIONAL, STATE, AND COUNTY PARKS MAUI COUNTY

	2013	2014	2015	2016	2017
National Parks					
Number	2	2	2	2	2
Acreage	44,043	44,043	44,043	44,043	44,044
Visits	886,412	1,209,250	1,284,663	1,335,085	1,188,902
State Parks and Historic Sites					
Number	11	10	10	10	10
Acreage	561.7	560.2	560.2	564	560
County Parks					
Number	143	144	146	149	150
Acreage	1,977	2,152	2,177	2,492	2,506

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	33	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

SOURCE: COUNTY OF MAUI, DEPARTMENT OF PARKS AND RECREATION.

10.5.5

SEATING CAPACITIES OF SELECTED FACILITIES MAUI COUNTY

Facility	Capacity
Stadiums, Auditoriums, and Gymnasiums	
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
Civic Centers and Theaters	
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
ʻĪao Theater	400
UH Maui College Student Center Lounge	100
Maui Academy of Performing Arts	60
Churches	
First Assembly of God Maui (Puʻunene 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 (Molokaʻi)	200
Makawao Union Church Hall	200
St. John Episcopal Church	200
ʻĪao Congegational	175
ʻĪao Congegational Hall	100
St. John Episcopal Church Hall	100

SOURCE: OFFICIALS OF THE FACILITIES.

10.6.1

DOG LICENSES ISSUED BY ISLAND

Year	State Total	Maui ¹	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	*42,904	3,978	26	54	6,292	3,709	32,970
2014	NA	4,034	NA	NA	7,050	1,595	32,474
2015	NA	3,701	NA	NA	7,399	3,345	30,983
2016	NA	3,520	NA	NA	8,203	*1,370	30,560
2017	NA	3,988	NA	NA	7,804	2,893	30,692

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; MAUI HUMANE SOCIETY.

10.6.2

**ANIMAL ACQUISITIONS AND DISPOSITIONS
MAUI HUMANE SOCIETY**

	FY 2016-2017			FY 2017-2018		
	Dogs	Cats	Other	Dogs	Cats	Other
Area						
Lahaina	168	424	27	206	442	34
Kīhei	230	722	218	214	705	307
Makawao	170	284	134	191	258	162
Kahului	272	593	264	328	533	252
Kula	112	198	73	130	175	233
Wailuku	300	741	170	397	676	192
Pā'ia	27	118	8	56	59	5
Ha'ikū	162	281	119	198	223	86
Hāna	74	53	8	89	31	5
Lāna'i	13	0	0	9	0	0
Moloka'i	1	0	0	0	0	0
Left at shelter	170	171	75	23	28	12
Total	1,699	3,585	1,096	1,841	3,130	1,288
Intakes						
Strays	1,107	2,873	701	1,226	2,353	923
Owner turn ins	585	700	395	607	763	349
Born here	7	12	0	8	14	16
Total Live Intakes	1,699	3,585	1,096	1,841	3,130	1,288
Dead on arrival	33	147	11	33	165	8
Owner requested euthanasia	132	79	4	146	110	237
Total Intakes	1,864	3,811	1,111	2,020	3,405	1,533
Live Release						
Reclaim by owner	554	356	58	732	567	22
Adopted	653	942	263	669	1,114	335
Transferred	358	284	10	366	439	26
Total	1,565	1,582	331	1,767	2,120	383
Dispositions						
Missing in action	1	6	7	1	18	3
Died at shelter	12	25	10	11	50	30
Euthanized unhealthy	105	1,558	641	72	709	861
Euthanized treatable	19	380	90	2	152	2
Euthanized healthy	0	0	7	0	0	0
Total Euthanized	124	1,938	738	74	861	863

SOURCE: MAUI HUMANE SOCIETY.

10.6.3

MAUI HUMANE SOCIETY CALL SLIPS AND CITATIONS ISSUED

Call Slips	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
Leash Law	773	581	652	630
No Tax	111	60	150	201
Barking	156	188	60	108
Cruelty/Neglect	869	581	510	480
Yard Inspection	4	1	0	0
Injured Animals	179	154	121	160
Injured Wild Life	2	1	1	0
Large Animal Trespass	10	NA	3	0
Spay/Neuter Reclaims	NA	NA	NA	NA
Abandonment	49	31	24	22
Dangerous Dog Recheck	66	19	14	15
Dog to Dog Bites	53	57	55	41
Dog to Human Bites	62	57	47	41
Dog to Other Bites	44	28	21	36
Ongoing Investigation	1,080	389	240	120
Pickup/Deliver/Misc.	542	461	322	185
Stray Dog Pick Up	768	524	400	377
Dead on Arrival	556	50	425	281
Stray Cat Pick Up	469	125	105	65
Owned Animal Pick Up	12	5	78	81
Pick Up Police Reports, License	NA	NA	NA	NA
Other Animal Pick Up	3	1	2	0
Wild Life Pick Up	0	NA	NA	0
Wild Life Transfer	0	NA	NA	0
Preventative Patrols	1,727	3,879	7,233	4,350
Personal Assist	837	856	765	550
Total	8,372	8,048	11,228	7,743

FY 2017-18	Upcountry	Hāna	Kahului	Wailuku	Lahaina	Kīhei
Leash Law	40	0	10	50	35	10
No Tax	3	0	0	3	10	0
Inhumane Manner	0	0	3	2	0	2
Cruelty	0	0	0	0	2	3
Aggressive Dog	15	2	10	8	1	2
Dangerous Dog Non Compliance	0	0	1	0	0	2
Interference	0	0	0	0	0	0
Abandonment	0	0	0	0	0	0
Livestock At Large	0	0	0	0	0	0
Total	58	2	24	63	48	19

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 and nonemployers.

Also included is a list of Maui County's largest private corporations. The largest private corporation on Maui is Four Seasons Resort Maui at Wailea with 750 employees, and sales of \$175 million in 2017.

Because of the 2017 Economic Census release starting in Fall 2019, the annual economic data releases of the U.S. Census Bureau are delayed, including County Business Patterns, Zip Code Business Patterns and Nonemployer Statistics.

11.1.1

MANUFACTURING MAUI COUNTY AND STATE OF HAWAI'I

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

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

2013	State Total	Maui	Moloka'i
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

	Location	Total Acreage	Developed	Tenants	Owners	Lots
Maui Research and Technology Park	Kihei	430	40	20	10	NA
Maui Business Park II	Kahului	179	122	NA	NA	81
Pulehunui Industrial Park ¹	Puunene	86	NA	NA	NA	28
Wailuku Industrial Park	Wailuku	34	34	NA	80	NA
Lahaina Business Park	Lahaina	33	30	NA	NA	NA
Waiale Business Park ²	Waikapu	17.2	NA	NA	NA	20
Molokai Industrial Park	Kaunakakai	16.5	NA	NA	NA	NA

1. Data from 2019. Pulehunui is under Maui County's M-3 heavy industrial zoning.

2. Data from 2019.

SOURCE: HAWAII'S STATE DATA BOOK 2014; PACIFIC BUSINESS NEWS, BOOK OF LISTS (2014) VOL. 51, No. 43 (DECEMBER 20, 2013), P. 76; CBRE RESEARCH, HAWAII INDUSTRIAL, Q1 2019; PULEHUNUI; WAIALE BUSINESS PARK.

11.2.1

**GENERAL EXCISE AND USE TAX BASE
FOR TAX LIABILITIES
MAUI COUNTY**

2018

Retailing	5,467,057,072
Services	2,132,153,714
Contracting	1,266,607,842
Theater, Amusement, Radio	73,448,358
Interest & All Others	589,407,320
Commissions	202,003,887
Hotel Rentals	1,658,414,956
All Other Rentals	1,139,366,025
Use (4%)	152,758,861
SUB-TOTAL	12,681,218,035
Insurance Solicitors	29,797,640
Producing	15,904,037
Manufacturing	66,793,018
Wholesaling	1,910,864,278
Services (Intermediary)	109,357,416
Use (1/2%)	797,524,894
SUB-TOTAL	2,930,241,284
GRAND TOTAL	15,611,459,319

Note: This table replaces the former "General Excise Tax Base". The data have changed from previous years. Tax liability is the amount of tax levied on reported economic activity.

SOURCE: HAWAII STATE DEPARTMENT OF TAXATION, GENERAL EXCISE AND USE TAX BASE FOR TAX LIABILITIES.

11.2.2

RETAIL ESTABLISHMENTS WITH EMPLOYEES BY TYPE AND LOCATION, 2016

Establishment Type	Location	Number	Location	Number	Location	Number
Motor Vehicles & Parts	Kahului	25	Pukalani	1	Kaunakakai	2
	Kīhei	3	Pu'unēnē	1		
	Lahaina	2	Wailuku	8		
Furniture & Home Furnishings	Ha'ikū	2	Kula	1	Pā'ia	1
	Kahului	16	Lahaina	5	Wailuku	2
	Kīhei	3	Makawao	1		
Electronics & Appliances	Kahului	8	Lahaina	1	Lāna'i City	1
	Kīhei	3	Wailuku	1		
Building Material & Garden Equipment & Supplies	Kahului	16	Lahaina	4	Wailuku	5
	Kīhei	2	Makawao	2	Lāna'i City	1
	Kula	1	Pu'unēnē	1		
Food & Beverage	Ha'ikū	3	Lahaina	25	Kaunakakai	5
	Hāna	1	Makawao	3	Kualapu'u	1
	Kahului	15	Pā'ia	2	Maunaloa	1
	Kīhei	8	Wailuku	12	Lāna'i City	1
	Kula	1				
Health & Personal Care	Ha'ikū	1	Kula	1	Pā'ia	1
	Kahului	16	Lahaina	14	Wailuku	6
	Kīhei	8	Makawao	2	Kaunakakai	1
Gasoline Stations	Kahului	11	Lahaina	8	Wailuku	3
	Kīhei	7	Makawao	3	Kaunakakai	1
	Kula	1	Pā'ia	2	Lāna'i City	1

CONTINUES ON THE NEXT PAGE

11.2.2

CONTINUED

Establishment Type	Location	Number	Location	Number	Location	Number
Clothing & Clothing Accessories	Ha'ikū	2	Lahaina	125	Kaunakakai	3
	Hāna	1	Makawao	8	Lāna'i City	1
	Kahului	34	Pā'ia	13		
	Kīhei	50	Wailuku	4		
Sporting Goods, Hobby, Musical Instruments & Books	Kahului	19	Makawao	1	Wailuku	4
	Kīhei	7	Pā'ia	2	Kalaupapa	1
	Lahaina	11				
General Merchandise	Hana	1	Lahaina	2	Kaunakakai	2
	Kahului	9	Makawao	1	Lāna'i City	1
Miscellaneous	Haiku	1	Kula	4	Wailuku	12
	Hāna	2	Lahaina	60	Kaunakakai	3
	Kahului	13	Makawao	5	Kualapu'u	1
	Kīhei	18	Pā'ia	7	Lāna'i City	1
Nonstore Retailers	Ha'ikū	7	Lahaina	4	Kaunakakai	1
	Kahului	4	Makawao	5	Lāna'i City	1
	Kīhei	9	Paia	1		
	Kula	1	Wailuku	5		

SOURCE: U.S. CENSUS BUREAU, 2016 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	1972/2005	571,225	110
Maui Marketplace	Kahului	1997	317,000	26
Pu'unēnē Shopping Center	Kahului	2015	263,781	28
Maui Mall	Kahului	1971/1995	182,000	40
The Shops at Wailea	Wailea	2000	160,000	80
Pi'ilani Shopping Center	Kihei	2000	150,000	30
The Outlets of Maui	Lahaina	1990	147,000	38
Lahaina Gateway	Lahaina	2008	137,000	23
Azeka Shopping Center	Kihei	1978	135,645	51
Wailuku Shopping Center	Wailuku	NA	134,557	NA
Lahaina Cannery Mall	Lahaina	1987/1999	130,599	50
Whalers Village	Lahaina	1970/2017	110,700	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	2016	Businesses	Number of Employees	1st Quarter Payroll (\$1,000)	Annual Payroll (\$1,000)
44-45	Retail Trade	786	9,699	70,725	292,933
4411--	Automobile dealers	16	496	7,280	31,441
4412--	Other motor vehicle dealers	2	b	D	D
4413--	Auto parts, accessories, & tire stores	24	255	1,996	8,572
4421--	Furniture stores	13	58	678	2,858
4422--	Home furnishings stores	18	169	1,387	4,825
4431--	Electronics & appliance stores	14	87	617	2,546
4441--	Building material & supplies dealers	32	677	5,010	21,573
4442--	Lawn & garden equipment & supplies stores	9	60	462	1,850
4451--	Grocery stores	73	2,251	16,198	67,672
4452--	Specialty food stores	12	74	526	2,317
4453--	Beer, wine & liquor stores	5	12	72	319
4461--	Health & personal care stores	51	510	3,407	14,530
4471--	Gasoline stations	37	493	3,177	13,635
4481--	Clothing stores	157	1,420	5,507	23,159
4482--	Shoe stores	18	98	470	2,118
4483--	Jewelry, luggage, & leather good stores	66	280	2,761	10,909
4511--	Sporting goods, hobby & music instr. stores	42	348	1,784	6,383
4512--	Book stores & news dealers	2	b	D	D
4521--	Department stores	5	838	6,834	26,753
4529--	Other general merchandise stores	11	f	D	D
4531--	Florists	12	28	138	687
4532--	Office supplies, stationery, & gift stores	69	417	2,379	10,220
4533--	Used merchandise stores	11	115	479	2,239
4539--	Other miscellaneous store retailers	48	289	2,810	11,437
4541--	Electronic shopping & mail order houses	15	43	638	2,087
4542--	Vending machine operators	1	a	D	D
4543--	Direct selling establishments	23	85	727	3,025

a: 0 to 19 employees

b: 20 to 99 employees

f: 500 to 999 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, 2016 COUNTY BUSINESS PATTERNS.

11.2.5

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

2016	Total Stores	Number of Employees					
		1-4	5-9	10-19	20-49	50-99	100-499
Maui Island							
Hai'kū	17	13	2	2	0	0	0
Hāna	5	5	0	0	0	0	0
Kahului	196	53	50	49	25	9	10
Kīhei	125	57	40	18	6	3	1
Kula	13	9	2	2	0	0	0
Lahaina	265	96	102	46	18	2	1
Makawao	34	21	8	3	0	1	1
Pā'ia	31	14	15	1	0	0	1
Pukalani	1	0	1	0	0	0	0
Pu'unēnē	2	1	1	0	0	0	0
Wailuku	64	34	18	4	4	4	0
Moloka'i							
Ho'olehua	1	0	1	0	0	0	0
Kalaupapa	1	0	0	1	0	0	0
Kaunakakai	18	6	5	4	3	0	0
Kualapu'u	2	1	0	1	0	0	0
Maunaloa	1	0	1	0	0	0	0
Lāna'i							
Lāna'i City	8	4	2	1	0	1	0

SOURCE: U.S. CENSUS BUREAU, 2016 ZIP CODE BUSINESS PATTERNS.

11.2.6

**COMMERCIAL LEASE RENTS
MAUI ISLAND**

Location	Range per Square Foot per Month		
	Retail	Office	Industrial
West Maui			
Lahaina			
Front Street	\$7.00 to \$18.00	NA	NA
Other Areas	\$1.25 to \$3.50	\$1.25 to \$3.50	NA
Ka'anapali	\$3.50	\$3.50	NA
Central Maui			
Kahului	\$1.25 to \$6.00	\$0.80 to \$2.25	\$0.80 to \$1.50
Wailuku	\$0.99 to \$2.00	\$0.99 to \$2.60	\$0.50 to \$1.50
South Maui			
Kihei	\$1.35 to \$4.50	\$0.99 to \$4.50	\$1.35 to \$1.45
Wailea	\$4.25 to \$7.50	\$4.25 to \$7.50	NA
Upcountry			
Haiku	\$0.99 to \$2.25	NA	\$1.10
Makawao	NA	\$1.75 to \$3.50	\$1.10
Pukalani	\$2.75	\$2.95	NA

NA: Not available

SOURCE: CURRENT PROPERTY LISTINGS OF COMMERCIAL ROUNDTABLE OF MAUI AS OF APRIL 16, 2019.

11.3.1

CHARACTERISTICS OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES BY SECTOR, MAUI COUNTY

Industry, 2016	Total Establishments	Employees	Annual Payroll (\$1,000)
Agriculture, Forestry, Fishing & Hunting	1	a	D
Mining	0	0	0
Utilities	16	486	46,942
Construction	505	3,805	228,213
Construction of buildings	172	883	51,363
Heavy & civil engineering construction	22	236	14,780
Specialty trade contractors	311	2,686	162,070
Manufacturing	117	1,146	49,085
Food manufacturing	41	607	18,524
Beverage & tobacco product manufacturing	6	136	5,483
Textile product mills	3	9	479
Apparel manufacturing	5	9	116
Wood product manufacturing	2	a	D
Printing & related support activities	8	41	1,905
Chemical manufacturing	7	25	1,620
Plastics & rubber products manufacturing	1	a	D
Nonmetallic mineral product manufacturing	9	181	13,613
Fabricated metal product manufacturing	4	18	1,086
Machinery manufacturing	1	b	D
Computer & electronic product manufacturing	1	a	D
Furniture & related product manufacturing	6	15	474
Miscellaneous manufacturing	22	41	1,495
Wholesale Trade	161	1,425	71,477
Merchant wholesalers, durable goods	54	366	17,921
Merchant wholesalers, nondurable goods	92	1,027	52,118
Wholesale electronic markets & agents & brokers	15	32	1,438
Retail Trade	786	9,699	292,933
Motor vehicle & parts dealers	42	804	42,039
Furniture & home furnishings stores	31	227	7,683
Electronics & appliance stores	14	87	2,546
Bldg material & garden equipment & supplies	41	737	23,423
Food & beverage stores	90	2,337	70,308
Health & personal care stores	51	510	14,530
Gasoline stations	37	493	13,635
Clothing & clothing accessories stores	241	1,798	36,186
Sporting goods, hobby, music instr. & books	44	390	7,167
General merchandise stores	16	1,338	45,678
Miscellaneous store retailers	140	849	24,583
Nonstore retailers	39	129	5,155
Transportation & Warehousing	153	3,337	117,812
Air transportation	17	652	23,626
Water transportation	3	b	D
Truck transportation	30	428	22,751
Transit & ground passenger transportation	16	255	5,361
Scenic & sightseeing transportation	52	1,167	40,046

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11.3.1
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Industry, 2016	Total Establishments	Employees	Annual Payroll (\$1,000)
Support activities for transportation	19	553	12,807
Couriers & messengers	12	184	7,168
Warehousing & storage	4	37	1,890
Information	66	610	30,736
Publishing industries (except Internet)	20	147	7,420
Motion picture & sound recording industries	10	84	1,557
Broadcasting (except Internet)	6	68	2,125
Telecommunications	23	286	18,366
Data processing, hosting & related services	4	16	599
Other information services	3	a	D
Finance & Insurance	150	806	40,422
Credit intermediation & related activities	80	581	25,963
Securities, commodity contracts, investments	23	70	6,480
Insurance carriers & related activities	47	155	7,979
Real Estate & Rental & Leasing	317	2,025	86,104
Real estate	230	1,122	52,295
Rental & leasing services	87	903	33,809
Professional, Scientific, & Technical Services	413	1,597	91,639
Management of Companies & Enterprises	14	80	4,814
Administrative Support & Waste Management	295	4,469	139,097
Administrative & support services	281	4,257	133,113
Waste management & remediation services	14	212	5,984
Educational Services	71	836	27,098
Health Care & Social Assistance	421	6,280	340,086
Ambulatory health care services	309	2,733	183,485
Hospitals	2	g	D
Nursing & residential care facilities	16	773	27,332
Social assistance	94	1,377	35,647
Arts, Entertainment, & Recreation	132	2,234	60,582
Performing arts, spectator sports, & related	51	905	22,724
Museums, historical sites, & similar institutions	11	183	5,690
Amusement, gambling, & recreation industries	70	1,146	32,168
Accommodation & Food Services	536	22,460	793,466
Accommodation	102	12,027	545,335
Food services & drinking places	434	10,433	248,131
Other Services (except Public Administration)	459	2,831	88,904
Repair & maintenance	90	392	14,348
Personal & laundry services	93	873	23,905
Religious, grantmaking, civic, professional orgs	276	1,566	50,651
Industries not Classified	5	18	250
Total for All Sectors	4,618	64,146	2,509,664

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, 2016 COUNTY BUSINESS PATTERNS.

11.3.2

CHARACTERISTICS OF BUSINESS ESTABLISHMENTS BY SECTOR FOR NONEMPLOYERS, MAUI COUNTY

Industry, 2016	Establishments with Employees	Nonemployer Establishments	Annual Receipts (\$1,000)
Agriculture, Forestry, Fishing & Hunting	1	255	6,523
Mining	0	5	749
Utilities	16	44	3,281
Construction	505	1,357	104,886
Construction of buildings	172	382	35,665
Heavy & civil engineering construction	22	17	948
Specialty trade contractors	311	958	68,273
Manufacturing	117	372	15,393
Food manufacturing	41	56	2,206
Beverage & tobacco product manufacturing	6	D	D
Textile product mills	3	D	D
Apparel manufacturing	5	39	800
Wood product manufacturing	2	37	1,532
Printing & related support activities	8	16	1,230
Chemical manufacturing	7	8	1,133
Plastics & rubber products manufacturing	1	D	D
Nonmetallic mineral product manufacturing	9	20	392
Primary metal manufacturing	0	3	45
Fabricated metal product manufacturing	4	12	432
Machinery manufacturing	1	3	93
Computer & electronic product manufacturing	1	3	44
Transportation equipment manufacturing	0	5	336
Furniture & related product manufacturing	6	20	575
Miscellaneous manufacturing	22	140	5,364
Wholesale Trade	161	393	22,350
Merchant wholesalers, durable goods	54	174	8,497
Merchant wholesalers, nondurable goods	92	174	12,475
Wholesale electronic markets & agents & brokers	15	45	1,378
Retail Trade	786	1,313	66,055
Motor vehicle & parts dealers	42	40	1,249
Furniture & home furnishings stores	31	24	1,923
Electronics & appliance stores	14	12	979
Bldg material & garden equipment & supplies	41	17	1,957
Food & beverage stores	90	49	5,125
Health & personal care stores	51	78	3,763
Gasoline stations	37	D	D
Clothing & clothing accessories stores	241	193	12,608
Sporting goods, hobby, musical instr. & books	44	51	2,259
General merchandise stores	16	22	1,599
Miscellaneous store retailers	140	242	15,642
Nonstore retailers	39	583	18,348
Transportation & Warehousing	153	576	14,140
Air transportation	17	7	79
Water transportation	3	11	405

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11.3.2

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Industry, 2016	Establishments with Employees	Nonemployer Establishments	Annual Receipts (\$1,000)
Truck transportation	30	36	2,390
Transit & ground passenger transportation	16	412	7,780
Scenic & sightseeing transportation	52	28	1,342
Support activities for transportation	19	33	945
Couriers & messengers	12	43	981
Warehousing & storage	4	D	D
Information	66	154	4,977
Publishing industries (except Internet)	20	35	1,150
Motion picture & sound recording industries	10	67	3,020
Broadcasting (except Internet)	6	9	120
Telecommunications	23	5	116
Data processing, hosting & related services	4	16	146
Other information services	3	22	425
Finance & Insurance	150	288	15,141
Credit intermediation & related activities	80	16	744
Securities, commodity contracts, investments	23	104	7,668
Insurance carriers & related activities	47	168	6,729
Real Estate & Rental & Leasing	317	2,003	178,820
Real estate	230	1,904	172,447
Rental & leasing services	87	97	6,165
Professional, Scientific, & Technical Services	413	2,230	88,542
Administrative, Support & Waste Management	295	1,830	55,125
Administrative & support services	281	1,825	54,796
Waste management & remediation services	14	5	329
Educational Services	71	378	8,204
Health Care & Social Assistance	421	1,022	45,515
Ambulatory health care services	309	735	37,955
Nursing & residential care facilities	16	39	1,264
Social assistance	94	248	6,296
Arts, Entertainment, & Recreation	132	1,321	53,731
Performing arts, spectator sports, & related	51	1,085	28,017
Museums, historical sites, & similar institutions	11	3	30
Amusement, gambling, & recreation industries	70	233	25,684
Accommodation & Food Services	536	386	29,826
Accommodation	102	106	9,167
Food services & drinking places	434	280	20,659
Other Services (except Public Administration)	459	2,865	100,457
Repair & maintenance	90	629	27,875
Personal & laundry services	93	2,152	71,311
Religious, grantmaking, civic, professional orgs	276	84	1,271
Total for All Sectors	4,618	16,792	813,715

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

SOURCE: U.S. CENSUS BUREAU, 2016 NONEMPLOYER STATISTICS.

11.3.3

LARGEST COMPANIES AND NONPROFITS MAUI COUNTY

Company	State Rank		Sales (\$million)		Employees
	2018	2017	2017	2016	
Four Seasons Resort Maui at Wailea	52	48	175.0	163.0	750
VIP Foodservice	84	84	96.2	91.2	180
Maui Land & Pineapple Co. Inc.	139	143	41.7	39.0	318
Maui Medical Group Inc.	152	152	32.6	33.5	131
Hale Makua Health Services	153	151	32.4	34.7	384
Haleakala Solar Inc.	178	130	24.4	47.0	15
Maui Clothing Co. Inc.	201	204	18.5	18.7	109
Wailea Golf LLC	205	209	17.9	16.9	119
Employers Options	217	225	13.4	12.4	10
Maui County Federal Credit Union	225	230	10.1	9.2	54

SOURCE: "TOP 250." *HAWAII BUSINESS*, AUGUST 2018.

11.3.4

CHARACTERISTICS OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES, MAUI COUNTY

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

Characteristic	2015		2016	
	Maui County	State	Maui County	State
Number of businesses	4,545	31,915	4,618	32,350
Employees	61,991	523,677	64,146	528,415
First quarter payroll (\$1,000)	572,765	5,326,980	594,368	5,472,006
Annual payroll (\$1,000)	2,389,725	22,068,393	2,509,664	22,892,445

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
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
2015	4,545	31,915
2016	4,618	32,350

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)
Professional, Scientific, and Technical Services				
Ha'ikū-Pa'uwela	24	4,635	24	892
Kahului	43	27,726	258	9,515
Kaunakakai	N	N	N	N
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
Administrative, Support, and Waste Management				
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
Educational Services				
Ha'ikū-Pa'uwela	2	D	0-19	D
Kahului	10	2,106	39	738
Kaunakakai	N	N	N	N
Kīhei	9	2,332	45	682
Kula	1	D	0-19	D
Lahaina	5	4,154	31	1,214
Lāna'i City	N	N	N	N
Makawao	4	3,031	27	726
Nāpili-Honokōwai	N	N	N	N
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
Health Care and Social Assistance				
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
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Geography	Number of Establishments	Revenue (\$1,000)	Number of Employees	Annual Payroll (\$1,000)
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
Arts, Entertainment, and Recreation				
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	N	N	N	N
Makawao	3	1,123	28	326
Nāpili-Honokōwai	3	D	0-19	D
Pukalani	9	D	100-249	D
Waihe'e-Waiehū	N	N	N	N
Wailea	11	17,128	134	4,622
Wailuku	9	4,494	85	1,660
Accommodation and Food Services				
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	17	55,210	289	7,734
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
Other Services (except Public Administration)				
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 N: Not available

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

11.3.7

SERVICE ESTABLISHMENTS WITH EMPLOYEES BY TYPE AND LOCATION, 2016

Establishment Type	Location	Number	Location	Number	Location	Number
Professional, Scientific, & Technical Services	Ha'ikū	24	Lahaina	40	Wailuku	124
	Kahului	55	Makawao	31	Ho'olehua	1
	Kīhei	89	Pā'ia	13	Kaunakakai	2
	Kula	28	Pukalani	1	Lāna'i City	3
Management of Companies	Haiku	1	Kula	1	Paia	1
	Kahului	3	Lahaina	3	Wailuku	1
	Kīhei	4				
Administrative & Support	Ha'ikū	21	Lahaina	45	Ho'olehua	1
	Kahului	46	Makawao	24	Kaunakakai	3
	Kīhei	67	Pā'ia	7	Lāna'i City	3
	Kula	9	Wailuku	53		
Waste Management & Remediation	Kahului	5	Makawao	2	Wailuku	3
	Kīhei	1	Pu'unēnē	2	Ho'olehua	1
Educational Services	Ha'ikū	5	Lahaina	9	Kalaupapa	1
	Hāna	2	Makawao	13	Kaunakakai	1
	Kahului	11	Pā'ia	2	Maunaloa	1
	Kīhei	17	Wailuku	7	Lāna'i City	1
	Kula	2				
Ambulatory Health Care	Ha'ikū	6	Kula	12	Wailuku	116
	Hāna	2	Lahaina	27	Kaunakakai	9
	Kahului	66	Makawao	23	Kualapu'u	1
	Kīhei	41	Pā'ia	1	Lāna'i City	3
Hospitals	Wailuku	1	Kaunakakai	1		
Nursing & Residential Care	Kahului	1	Makawao	3	Kaunakakai	2
	Kīhei	1	Wailuku	8	Lāna'i City	1
Social Assistance	Haiku	2	Lahaina	10	Ho'olehua	3
	Hāna	3	Makawao	7	Kaunakakai	7
	Kahului	12	Pā'ia	3	Kualapu'u	1
	Kīhei	9	Pu'unēnē	2	Lāna'i City	5
	Kula	2	Wailuku	28		

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11.3.7

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Establishment Type	Location	Number	Location	Number	Location	Number
Performing Arts, Spectator Sports, & Related	Ha'ikū	7	Kīhei	11	Makawao	6
	Hāna	1	Kula	3	Pā'ia	2
	Kahului	3	Lahaina	13	Wailuku	5
Museums, Historical Sites, & Related	Ha'ikū	2	Makawao	2	Kualapu'u	1
	Hāna	1	Pu'unēnē	1		
	Lahaina	2	Wailuku	2		
Amusement, Gambling, & Recreation	Ha'ikū	5	Kula	5	Pā'ia	3
	Kahului	10	Lahaina	18	Wailuku	6
	Kīhei	15	Makawao	5	Kaunakakai	2
Accommodation	Ha'ikū	3	Kula	1	Wailuku	3
	Hāna	1	Lahaina	58	Maunaloa	1
	Kahului	2	Makawao	1	Lāna'i City	2
	Kīhei	27	Pā'ia	3		
Food Service & Drinking	Ha'ikū	8	Lahaina	132	Ho'olehua	1
	Hāna	1	Makawao	17	Kaunakakai	9
	Kahului	71	Pā'ia	19	Lāna'i City	4
	Kīhei	107	Pukalani	2		
	Kula	6	Wailuku	58		
Repair & Maintenance	Ha'ikū	2	Kula	3	Pu'unēnē	4
	Kahului	28	Lahaina	9	Wailuku	29
	Kīhei	9	Makawao	5	Ho'olehua	1
Personal & Laundry Services	Ha'ikū	3	Kula	3	Pā'ia	2
	Kahului	17	Lahaina	25	Wailuku	18
	Kīhei	18	Makawao	6	Lāna'i City	1
Religious, Civic, & Professional Organizations	Ha'ikū	6	Lahaina	72	Wailuku	47
	Hāna	2	Makawao	11	Ho'olehua	2
	Kahului	20	Pā'ia	3	Kaunakakai	9
	Kīhei	87	Pukalani	2	Maunaloa	2
	Kula	7	Pu'unēnē	2	Lāna'i City	3

SOURCE: U.S. CENSUS BUREAU, 2016 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	255	6,523
21	Mining, Quarrying, and Oil and Gas Extraction	N	N	5	749
22	Utilities	13	Q	44	3,281
23	Construction	N	N	1,357	104,886
31-33	Manufacturing	99	D	372	15,393
42	Wholesale Trade	140	714,580	393	22,350
44-45	Retail Trade	758	D	1,313	66,055
48-49	Transportation & Warehousing	138	368,121	576	14,140
51	Information	69	N	154	4,977
52	Finance & Insurance	152	N	288	15,141
53	Real Estate & Rental & Leasing	306	454,401	2,003	178,820
54	Professional, Scientific, & Tech. Services	390	186,395	2,230	88,542
55	Management of Companies & Enterprises	N	N	N	N
56	Admin., Support & Waste Management	271	303,209	1,830	55,125
61	Educational Services	47	16,725	378	8,204
62	Health Care & Social Assistance	393	741,499	1,022	45,515
71	Arts, Entertainment, & Recreation	120	141,052	1,321	53,731
72	Accommodation & Food Services	499	2,307,504	386	29,826
81	Other Services (except Public Administration)	383	238,128	2,865	100,457

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 multi-establishment firms.

NAICS: North American Industry Classification System.

SOURCE: U.S. CENSUS BUREAU, 2012 ECONOMIC CENSUS, 2012 ECONOMIC CENSUS OF ISLAND AREAS, AND 2016 NONEMPLOYER STATISTICS.

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