
MAUI COUNTY DATA BOOK

2020

COUNTY OF MAUI
OFFICE OF ECONOMIC DEVELOPMENT

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

A Partnership Program of the University of Hawai'i at Hilo through a
Cooperative Agreement with the U.S. Small Business Administration



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 2020 edition of the Maui County Data Book.

This data book provides the definitive statistical resource on Maui County, including the islands of Maui, Moloka'i, Lāna'i and Kaho'olawe. Its tables and statistics set out a wide array of valuable information on demographics and economic activity. The book's facts and statistics are vital tools for preparing a grant, a business plan, or deciding where to start a business.

The 2020 Maui County Data Book is generated by a working partnership of the Hawai'i Small Business Development Center Network's Hawai'i Business Research Library in Kihei and the County of Maui Office of Economic Development in Wailuku. Their collaboration produces the most up-to-date data that is critical to decision-making by both prospective and established businesses in our community.

The 2020 edition of the Maui County Data Book 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.

Information is power and we hope this information empowers your next business venture.

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

This publication has been compiled and produced under a grant from the County of Maui Office of Economic Development and is partially supported and some material is based upon work supported by the U.S. Small Business Administration and the University of Hawai'i at Hilo under Cooperative Agreement SBAHQ-21-B0076. Any opinions, findings and conclusions or recommendations expressed in this publication are those of the authors and do not necessarily reflect the view of the U.S. Small Business Administration or other sponsors.

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Copies of this book are available from:

Hawai'i Business Research Library
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590 Lipoa Parkway, Suite 264, Kīhei, HI 96753
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The price per copy is \$20.00 when picked up in person, and \$25.00 by first-class mail.

An online version is available in Adobe Acrobat format (only) at:

<http://www.hisbdc.org/BusinessResearchLibrary/MauiCountyDataBook2020.aspx>

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

ABOUT THIS EDITION

We hope you find the 2020 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-ninth 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/MauiCountyDataBook2020.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

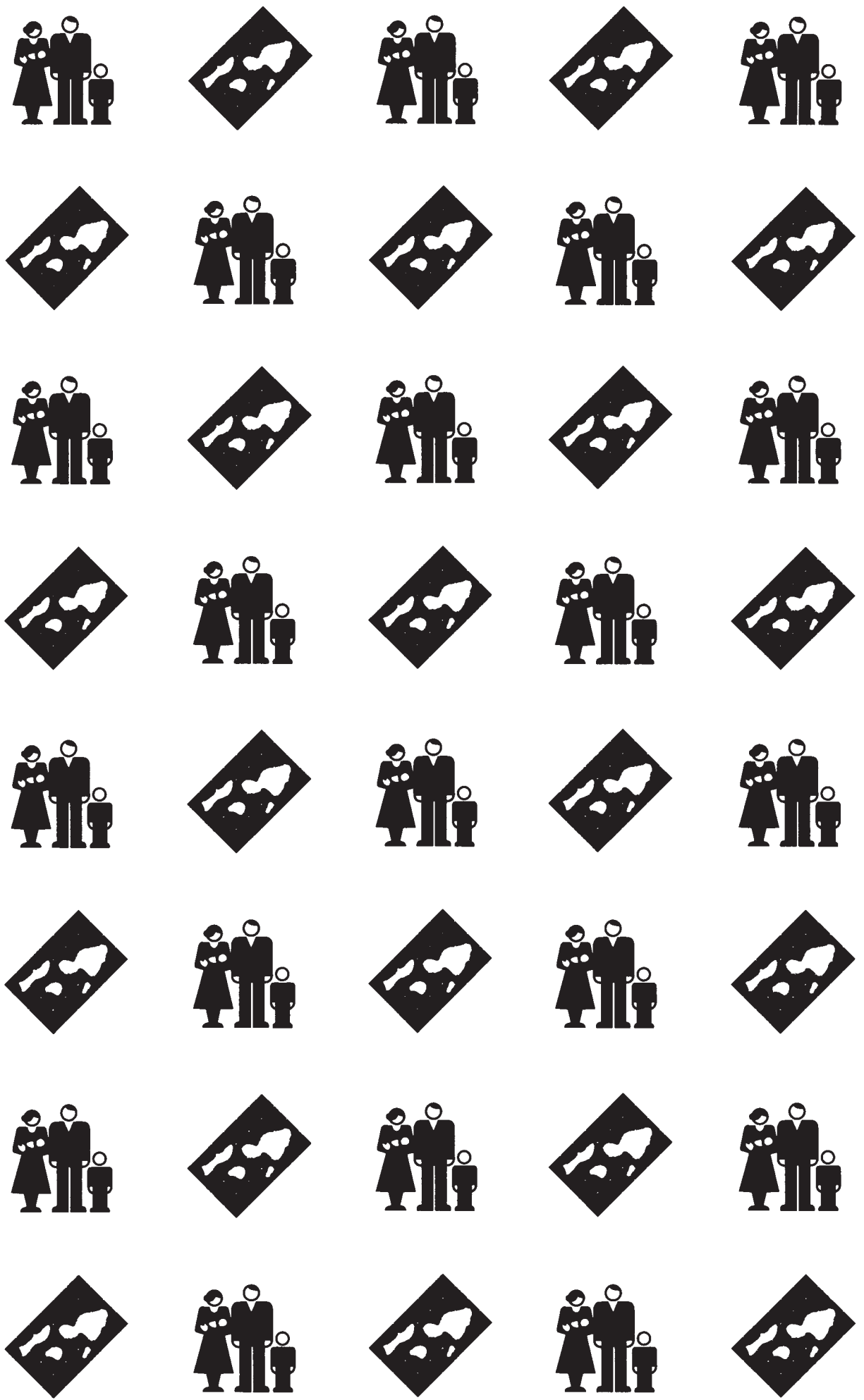
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General Statistics



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	2015	2016	2017	2018	2019	*2020	% Change 19/20	% Change 15/20
Resident Population ¹	Number	July 1	164,081	165,684	166,552	167,471	167,769	167,989	0.1%	2.4%
Civilian Labor Force ²	Number	An. Avg.	85,150	87,200	88,300	88,100	86,750	83,850	-3.3%	-1.5%
Employed	Number	An. Avg.	82,050	84,550	86,050	85,950	84,450	68,850	-18.5%	-16.1%
Unemployed	Number	An. Avg.	3,100	2,650	2,250	2,150	2,250	15,000	566.7%	383.9%
Percent Unemployed	Percent	An. Avg.	3.6	3.0	2.6	2.4	2.6	18.0	592.3%	400.0%
Total Job Count ³	Number	An. Avg.	73,300	74,600	76,400	77,400	80,200	60,600	-24.4%	-17.3%
County Revenues	Thous. \$	Total	445,371	463,511	496,762	537,793	590,519	621,979	5.3%	39.7%
GET Liabilities	Thous. \$	Total	NA	NA	NA	521,796	519,032	434,917	-16.2%	NA
County Tax Collections ⁴	Thous. \$	Total	268,178	280,825	303,701	342,520	353,226	389,890	10.4%	45.4%
Tourism ⁵										
Estimated Domestic Visitors	Thous.	Total	2,116	2,172	2,269	2,304	2,607	196	-92.5%	-90.7%
Estimated International Visitors	Thous.	Total	463	462	473	483	465	46	-90.1%	-90.1%
Hotel Inventory	Number	An. Avg.	21,413	21,899	21,250	21,367	21,294	21,407	0.5%	0.0%
Hotel Occupancy	Percent	An. Avg.	74.5	75.8	77.1	75.9	77.7	33.9	-56.4%	-54.5%
Single Family Home Sales	Number	Total	1,089	1,076	1,099	1,137	1,117	1,055	-5.6%	-3.1%
Condominium Sales	Dollars	Median	580,000	636,750	695,000	710,000	741,355	795,575	7.3%	37.2%
	Number	Total	1,199	1,310	1,451	1,654	1,606	1,336	-16.8%	11.4%
	Dollars	Median	410,000	415,000	445,000	500,000	515,500	570,000	10.6%	39.0%
Household Income	Dollars	Median	66,476	68,777	72,762	77,117	80,948	NA	NA	NA
Per Capita Income ⁶	Dollars	Total	42,798	44,478	32,379	33,792	35,241	NA	NA	NA
Monthly Mortgage Payment	Dollars	Median	2,225	2,209	2,390	2,341	2,432	NA	NA	NA
Monthly Rent	Dollars	Median	1,418	1,254	1,421	1,669	1,615	NA	NA	NA
Private Building Permits	Thous. \$	Total	731,491	384,686	477,528	559,832	483,008	471,647	-2.4%	-35.5%

*Disruption caused by the COVID-19 pandemic in 2020.

1. Revised estimates by the U.S. Census Bureau for 2015 to 2019. 2. Data for 2015 to 2019 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. Preliminary data for 2020. 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 HAWAII'**

Category	Maui County	State of Hawai'i
Population		
Population estimates, July 1, 2019	167,417	1,415,872
Population, percent change, April 1, 2010 to July 1, 2019	8.1%	4.1%
Population, Census, April 1, 2020	164,754	1,455,271
Population, Census, April 1, 2010	154,834	1,360,301
Persons under 5 years, percent, July 1, 2019	5.8%	6.0%
Persons under 18 years, percent, July 1, 2019	21.6%	21.2%
Persons 65 years and over, percent, July 1, 2019	19.0%	19.0%
Female persons, percent, July 1, 2019	50.4%	50.0%
White alone, percent, July 1, 2019 (a)	34.9%	25.5%
Black or African American alone, percent, July 1, 2019 (a)	0.8%	2.2%
American Indian and Alaska Native alone, percent, July 1, 2019 (a)	0.6%	0.4%
Asian alone, percent, July 1, 2019 (a)	29.0%	37.6%
Native Hawaiian and Other Pacific Islander alone, percent, July 1, 2019 (a)	10.6%	10.1%
Two or more races, percent, July 1, 2019	24.2%	24.2%
Hispanic or Latino, percent, July 1, 2019 (b)	11.6%	10.7%
White alone, not Hispanic or Latino, percent, July 1, 2019	30.1%	21.7%
General		
Living in same house 1 year ago, pct of persons age 1 year+, 2015-2019	88.4%	86.6%
Foreign born persons, percent, 2015-2019	18.7%	18.5%
Language other than English spoken at home, percent age 5+, 2015-2019	22.8%	26.6%
High school graduate or higher, percent of persons age 25+, 2015-2019	92.0%	92.0%
Bachelor's degree or higher, percent of persons age 25+, 2015-2019	27.2%	33.0%
Veterans, 2015-2019	8,692	101,975
Mean travel time to work (minutes), workers age 16+, 2015-2019	21.3	27.5
Housing		
Housing units, July 1, 2019	74,561	550,273
Owner-occupied housing unit rate, 2015-2019	61.0%	58.9%
Median value of owner-occupied housing units, 2015-2019	\$633,500	\$615,300
Households, 2015-2019	54,479	459,424
Persons per household, 2015-2019	3.00	3.00
Per capita income in past 12 months (in 2019 dollars), 2015-2019	\$35,241	\$35,567
Median household income (in 2019 dollars), 2015-2019	\$80,948	\$81,725
Persons in poverty, percent ¹	10.7%	9.3%

1.1.2

CONTINUED

Category	Maui County	State of Hawai'i
Business		
Total employer establishments, 2019	4,838	32,889
Total employment, 2019	67,706	553,206
Total employment, percent change, 2018-2019	0.5%	0.3%
Total nonemployer establishments, 2018	17,577	112,589
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, 2019	657	4,093
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

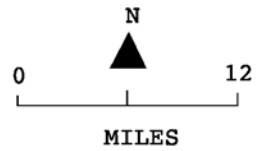
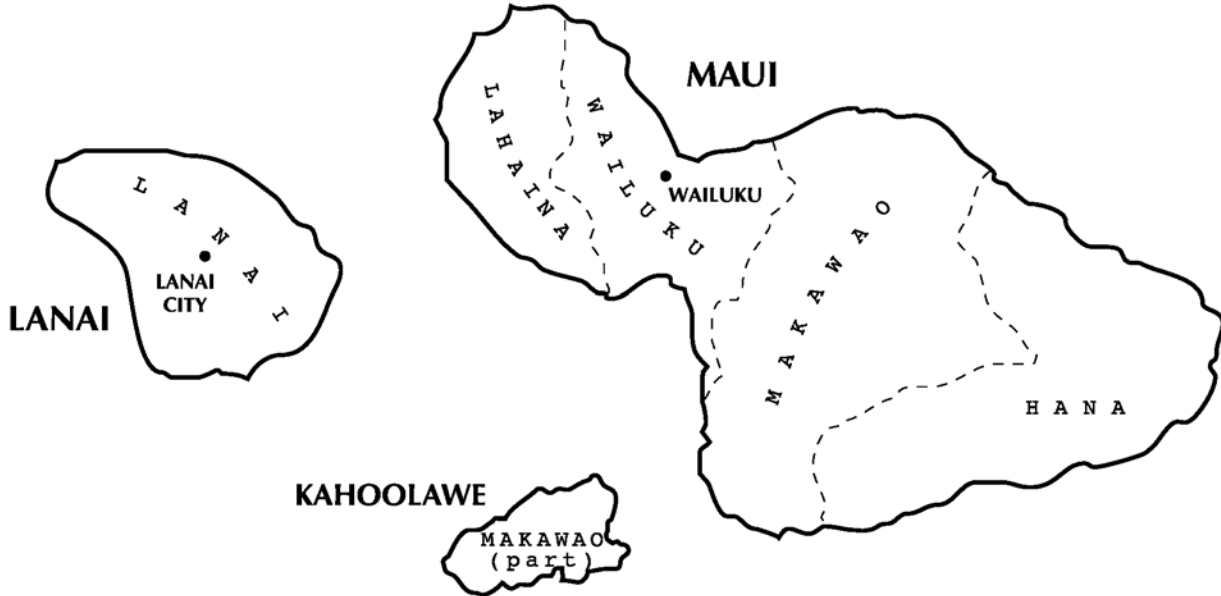
SOURCE: U.S. CENSUS BUREAU, STATE AND COUNTY QUICKFACTS.

MAUI COUNTY AND DISTRICTS



MOLOKAI

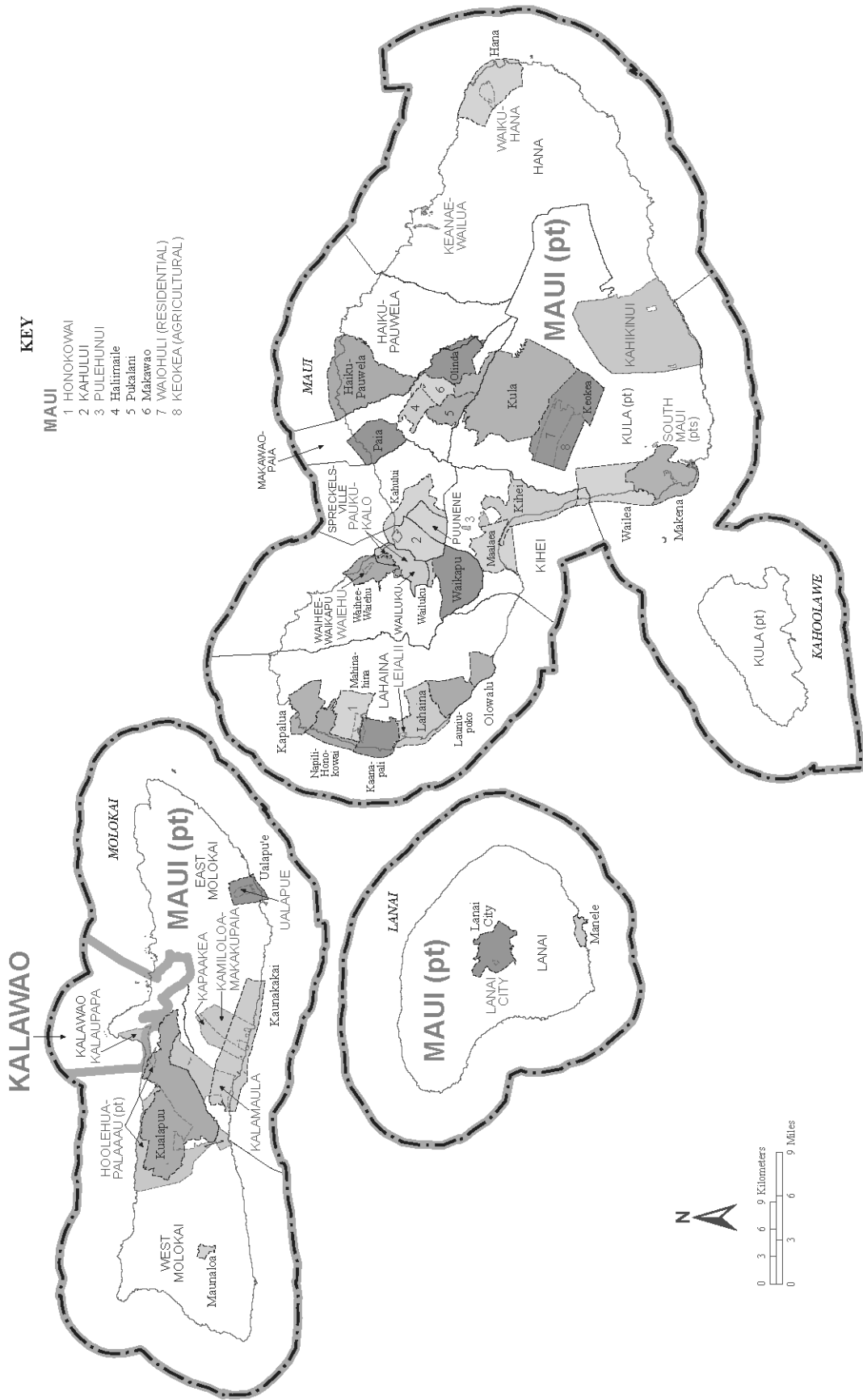
*Kalawao is officially designated as a separate county but is usually treated as a district of Maui for statistical purposes



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

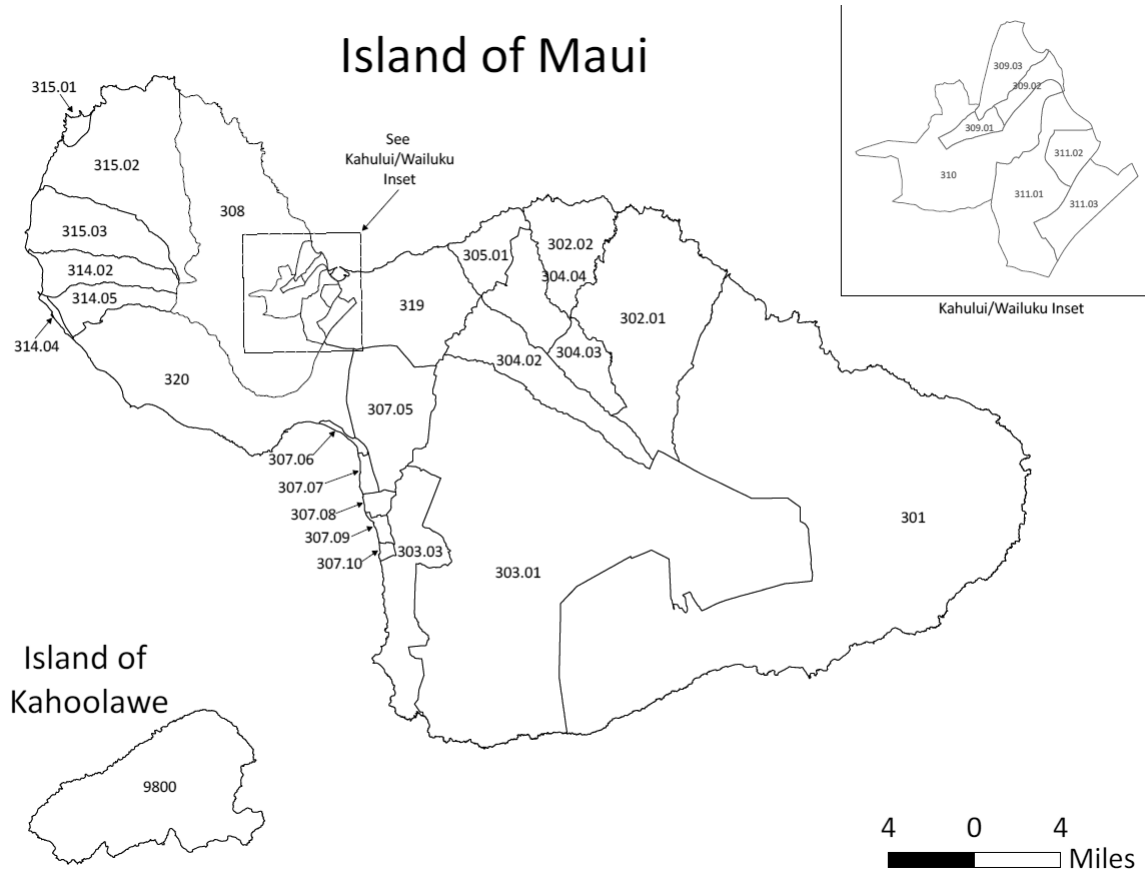
1.2.2

MAUI COUNTY SUBDIVISIONS AND PLACES



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	154,930	953,203	185,076	67,095	1,360,304
July 1, 2011 ³	157,057	967,510	187,101	67,894	1,379,562
July 1, 2012 ³	159,025	978,295	189,199	68,680	1,395,199
July 1, 2013 ³	161,154	986,494	191,521	69,653	1,408,822
July 1, 2014 ³	163,205	988,002	193,812	70,316	1,415,335
July 1, 2015 ³	164,081	991,755	196,111	71,052	1,422,999
July 1, 2016 ³	165,684	993,044	198,583	71,574	1,428,885
July 1, 2017 ³	166,552	986,973	200,400	71,838	1,425,763
July 1, 2018 ³	167,471	981,076	202,263	72,292	1,423,102
July 1, 2019 ³	167,769	973,491	202,165	72,190	1,415,615
July 1, 2020	167,989	963,826	203,340	71,851	1,407,006

1. Including Kalawao County (Kalaupapa Settlement). Kalawao had 147 in 2000, 90 in 2010 and 87 in 2020.

2. Decennial census figure.

3. Population estimates after July 1, 2010 through July 1, 2019 were based on revisions released in May 2021 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	194,735	988,402	202,410	83,189	1,468,736
July 1, 2011 ²	198,901	1,001,683	205,738	85,201	1,491,523
July 1, 2012 ²	202,579	1,021,079	209,533	87,290	1,520,481
July 1, 2013 ²	207,547	1,032,863	212,747	89,595	1,542,752
July 1, 2014 ²	211,370	1,038,833	216,035	90,416	1,556,654
July 1, 2015 ²	214,794	1,047,425	220,025	92,300	1,574,544
July 1, 2016 ²	218,269	1,049,404	222,619	93,175	1,583,467
July 1, 2017 ²	221,232	1,047,715	228,165	95,022	1,592,134
July 1, 2018 ²	225,898	1,045,795	228,840	97,264	1,597,797
July 1, 2019	227,479	1,039,099	229,010	96,244	1,591,832

1. Including Kalawao County.
2. Revised figures.

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 P-1; EXTRACTED BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, HAWAII STATE DATA CENTER.

1.3.8

POPULATION BY RACE MAUI COUNTY

2019	Estimate	Percent
Total Population	167,488	100.0%
One race	132,098	78.9%
Two or more races	35,390	21.1%
One Race	132,098	78.9%
White	56,312	33.6%
Black or African American	719	0.4%
American Indian and Alaska Native	1,220	0.7%
Asian	50,627	30.2%
Asian Indian	591	0.4%
Chinese	1,997	1.2%
Filipino	31,073	18.6%
Japanese	10,934	6.5%
Korean	945	0.6%
Vietnamese	871	0.5%
Other Asian	4,216	2.5%
Native Hawaiian and other Pacific Islander	19,330	11.5%
Native Hawaiian	11,853	7.1%
Guamanian or Chamorro	205	0.1%
Samoan	184	0.1%
Other Pacific Islander	7,088	4.2%
Some other race	3,890	2.3%
Hispanic or Latino (of Any Race)	19,366	11.6%
Mexican	8,280	4.9%
Puerto Rican	6,501	3.9%
Cuban	176	0.1%
Other Hispanic or Latino	4,409	2.6%
Two or More Races	35,390	21.1%
White and Black or African American	1,122	0.7%
White and American Indian and Alaska Native	832	0.5%
White and Asian	6,786	4.1%
Black or African American and American Indian and Alaska Native	26	0.0%

SOURCE: U.S. CENSUS BUREAU, 2019 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	2,032	1,028	1,004	716	227	1,942
7/1/2011 to 7/1/2012	2,032	1,087	945	865	187	1,969
7/1/2012 to 7/1/2013	2,038	1,125	913	510	708	2,129
7/1/2013 to 7/1/2014	2,029	1,119	910	392	739	2,051
7/1/2014 to 7/1/2015	1,950	1,216	734	712	-554	877
7/1/2015 to 7/1/2016	1,864	1,165	699	1,371	-456	1,603
7/1/2016 to 7/1/2017	1,906	1,113	793	591	-505	869
7/1/2017 to 7/1/2018	1,860	1,184	676	630	-378	919
7/1/2018 to 7/1/2019	1,815	1,349	466	425	-593	298
7/1/2019 to 7/1/2020	1,794	1,555	239	338	-362	220

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, 2020.

1.3.10

MARRIAGES BY RESIDENCY MAUI COUNTY

Residency	2014	2015	2016	2017	2018	2019	2020
One or both is a resident	993	870	864	910	804	760	644
Both are non-residents	6,023	5,306	5,176	5,084	5,209	4,601	1,241
One or both is a non-resident	6,098	5,354	5,228	5,129	5,254	4,649	1,267
Both are residents	918	822	812	865	759	712	618
Total	7,016	6,176	6,040	5,994	6,013	5,361	1,885

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

1.3.11

MARRIAGES WHERE BOTH ARE NON-RESIDENTS MAUI COUNTY

	2014	2015	2016	2017	2018	2019	2020
January	359	289	311	295	319	276	255
February	412	351	332	334	299	255	404
March	439	377	352	367	360	336	224
April	537	428	451	424	468	385	NA
May	667	673	601	545	615	562	NA
June	571	449	472	444	495	429	6
July	490	436	397	465	387	380	NA
August	492	442	426	390	518	397	NA
September	607	535	549	528	542	485	NA
October	661	589	546	567	527	514	65
November	416	405	396	376	357	334	121
December	371	332	343	349	322	248	155

NA: Not available.

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	2013	2014	2015	2016	2017	2018	2019
Maui Island								
96708	Ha'ikū	132	121	114	114	118	108	109
96713	Hāna	25	32	31	33	33	26	31
96732	Kahului	384	371	327	372	349	345	358
96753	Kīhei	292	254	237	258	262	219	226
96761	Lahaina	326	302	313	291	284	274	265
96768	Makawao/Pukalani	199	205	192	188	199	188	198
96779	Pā'ia	31	27	33	28	24	29	31
96788	Pukalani	8	n/r	n/r	n/r	n/r	0	n/r
96790	Kula	107	88	94	74	86	93	77
96793	Wailuku	411	425	395	387	399	389	399
Lāna'i								
96763	Lāna'i City	42	45	48	29	28	42	34
Moloka'i								
96729	Ho'olehua	16	11	15	20	18	18	21
96748	Kaunakakai	61	72	63	47	56	53	50
96757	Kualapu'u	12	6	14	18	12	n/r	n/r
96770	Maunaloa	9	11	10	9	n/r	12	14
	Unknown	n/r	n/r	n/r	10	n/r	n/r	n/r
Total		2,058	1,978	1,896	1,880	1,882	1,812	1,826

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

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

1.3.13

CHARACTERISTICS OF LIVE BIRTHS MAUI COUNTY

Characteristic	2017	Percent	2018	Percent	2019	Percent
Total	1,882	100%	1,812	100%	1,826	100%
Births by Area of Residence						
Maui County	1,882	100.0%	1,812	100.0%	1,826	100.0%
Maui	1,757	93.4%	1,671	92.2%	1,695	92.8%
Lānaʻi	28	1.5%	42	2.3%	34	1.9%
Molokaʻi	91	4.8%	90	5.0%	89	4.9%
Unknown	n/r	n/r	n/r	n/r	n/r	n/r
Ethnicity of Child						
Black	23	1.2%	26	1.4%	30	1.6%
Caucasian	330	17.5%	343	18.9%	216	17.3%
Chinese	20	1.1%	21	1.2%	22	1.2%
Filipino	363	19.3%	337	18.6%	311	17.0%
Japanese	84	4.5%	76	4.2%	79	4.3%
Native Alaskan / American Indian	30	1.6%	27	1.5%	32	1.8%
Native Hawaiian	818	43.5%	801	44.2%	802	43.9%
Other	38	2.0%	39	2.2%	38	2.1%
Other Asian	37	2.0%	27	1.5%	38	2.1%
Other Pacific Islander	136	7.2%	111	6.1%	153	8.4%
Unknown	n/r	n/r	n/r	n/r	n/r	n/r
Ethnicity of Mother						
Black	15	0.8%	22	1.2%	13	0.7%
Caucasian	476	25.3%	467	25.8%	475	26.2%
Chinese	20	1.1%	26	1.4%	24	1.3%
Filipino	405	21.5%	374	20.6%	373	20.6%
Japanese	88	4.7%	89	4.9%	93	5.1%
Native Alaskan / American Indian	36	1.9%	27	1.5%	35	1.9%
Native Hawaiian	610	32.4%	595	32.8%	570	31.5%
Other	53	2.8%	52	2.9%	52	2.9%
Other Asian	44	2.3%	36	2.0%	38	2.1%
Other Pacific Islander	132	7.0%	120	6.6%	147	8.1%
Unknown	n/r	n/r	n/r	n/r	n/r	n/r

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

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

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					
2005	4,704,262	35,728,717	4,848,840	2,024,507	47,306,326
2006	5,063,867	38,249,805	5,227,476	2,159,942	50,701,090
2007	5,373,022	40,176,577	5,570,974	2,302,505	53,423,078
2008	5,624,965	42,118,992	5,903,907	2,412,045	56,059,909
2009	5,320,683	42,371,822	5,675,130	2,322,396	55,690,031
2010	5,536,704	43,397,685	5,869,367	2,375,385	57,179,141
2011	5,877,361	45,532,320	6,142,665	2,492,278	60,044,624
2012	6,308,599	47,177,994	6,369,930	2,599,394	62,455,917
2013	6,313,108	47,857,319	6,445,702	2,700,471	63,316,600
2014	6,731,270	50,358,033	6,866,362	2,890,458	66,846,123
2015	7,161,518	52,747,310	7,403,169	3,072,470	70,384,467
2016	7,489,167	54,459,502	7,727,884	3,202,096	72,878,649
2017	7,878,703	56,274,893	8,156,188	3,379,704	75,689,488
2018	8,204,107	58,420,993	8,531,484	3,564,549	78,721,133
2019	8,600,887	59,617,709	8,781,599	3,726,328	80,726,523
Per Capita Income, in \$					
2005	32,794	38,912	28,821	32,205	36,594
2006	34,737	41,264	30,123	34,034	38,711
2007	36,276	43,418	31,345	35,703	40,605
2008	37,147	45,111	32,527	36,767	42,080
2009	34,687	44,925	30,905	34,914	41,352
2010	35,699	45,381	31,665	35,341	41,921
2011	37,435	47,072	32,837	36,706	43,534
2012	39,682	48,236	33,674	37,842	44,774
2013	39,186	48,526	33,665	38,766	44,955
2014	41,257	50,988	35,442	41,102	47,246
2015	43,633	53,208	37,783	43,229	49,480
2016	45,194	54,860	39,005	44,738	51,032
2017	47,322	57,049	40,883	47,084	53,145
2018	49,040	59,608	42,449	49,416	55,418
2019	51,348	61,174	43,578	51,545	57,015

Note: 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. 17, 2020.

1.4.2

**EARNINGS BY DETAILED INDUSTRY
MAUI COUNTY, 2019**

In thousands of dollars

Personal Income	8,600,887
Population (persons)	167,503
Per Capita Personal Income (dollars)	51,348
Earnings by Place of Work	6,013,209
Less: Contributions for government social insurance	689,524
Employee and self-employed contributions for government social insurance	384,452
Employer contributions for government social insurance	305,072
Plus: Adjustment for residence	29,647
Equals: Net earnings by place of residence	5,353,332
Plus: Dividends, interest, and rent	1,866,142
Plus: Personal current transfer receipts	1,381,413
Wages and Salaries	4,081,475
Supplements to Wages and Salaries	960,057
Employer contributions for employee pension and insurance funds	654,985
Employer contributions for government social insurance	305,072
Proprietors' Income	971,677
Farm proprietors' income	-3,962
Nonfarm proprietors' income	975,639
Farm Earnings	36,572
Nonfarm Earnings	5,976,637
Private Nonfarm Earnings	5,168,992
Forestry, fishing, and related activities	D
Mining	D
Utilities	75,827
Construction	544,088

CONTINUES ON THE NEXT PAGE

1.4.2

CONTINUED

Manufacturing	73,486
Durable goods manufacturing	31,060
Nondurable goods manufacturing	42,426
Wholesale trade	119,686
Retail trade	466,333
Transportation and warehousing	239,054
Information	92,655
Finance and insurance	76,056
Real estate and rental and leasing	273,696
Professional, scientific, and technical services	195,824
Management of companies and enterprises	32,293
Administrative, support, waste mgmt & remediation services	315,796
Educational services	72,986
Health care and social assistance	615,702
Arts, entertainment, and recreation	155,865
Accommodation and food services	1,497,287
Other services, except public administration	314,582
Government and Government Enterprises	807,645
Federal, civilian	89,545
Military	47,636
State and local	670,464
State government	406,815
Local government	263,649

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 17, 2020.

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
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
2019	281.585	280.666	282.503	277.928	276.793	279.063
2020	286.008	285.086	286.931	283.176	282.315	284.037

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	2018		2019		2020		2021	
	COLA Rates (%)	Locality Rates (%)	COLA Rates (%)	Locality Rates (%)	COLA Rates (%)	Locality Rates (%)	COLA Rates (%)	Locality Rates (%)
Honolulu	10.99	18.43	10.99	18.43	10.28	19.56	10.28	19.56
Hawaii'i	5.08	18.43	5.08	18.43	4.42	19.56	4.42	19.56
Kauai'i	10.99	18.43	10.99	18.43	10.28	19.56	10.28	19.56
Maui ¹	10.99	18.43	10.99	18.43	10.28	19.56	10.28	19.56

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	2016	2017	2018	2019	2020
All Items	265.283	272.014	277.078	281.585	286.008
Food and Beverages	272.051	277.301	281.796	287.622	301.370
Food	272.998	278.202	282.565	288.541	302.024
Food at home	267.579	273.253	273.914	276.432	295.849
Food away from home	273.003	277.624	285.602	295.250	301.157
Alcoholic beverages	254.162	260.376	267.326	270.301	270.301
Housing	283.565	294.510	300.679	307.889	314.089
Shelter	309.116	322.017	327.066	335.875	344.244
Rent of primary residence	303.583	313.704	319.242	325.794	341.571
Owners' equivalent rent	320.863	335.159	339.871	349.297	354.081
Fuels and Utilities	318.341	334.333	362.400	368.109	358.312
Household energy	243.208	263.579	295.374	293.676	272.792
Energy services*	238.477	259.124	290.309	288.611	267.984
Electricity	236.276	256.98	287.790	285.442	265.360
Utility (piped) gas service	235.752	252.444	286.182	300.105	271.268
Household Furnishings and Operations	148.734	146.275	146.797	146.721	150.351
Apparel	111.736	115.762	110.259	114.795	113.298
Transportation	211.645	217.646	227.694	223.689	212.767
Private transportation	203.453	213.267	224.967	223.651	215.510
Motor Fuel	198.214	227.755	265.785	262.456	240.369
Gasoline (all types)	203.309	233.622	272.733	269.292	246.639
Gasoline, unleaded regular	212.986	244.414	285.428	280.961	255.269
Gasoline, unleaded midgrade ¹	164.233	189.983	224.844	225.556	217.791
Gasoline, unleaded premium	183.356	212.037	246.398	246.794	232.371

CONTINUES ON THE NEXT PAGE

1.4.5

CONTINUED

Group	2016	2017	2018	2019	2020
Medical Care	400.408	407.384	NA	NA	NA
Recreation²	124.872	125.781	128.651	130.977	135.660
Education and Communication²	149.785	144.410	142.193	143.547	147.241
Other Goods and Services	484.820	488.990	497.228	504.378	498.753
Special Aggregate Indexes					
All items less shelter	246.306	250.295	255.550	257.895	260.333
All items less medical care	258.001	264.714	269.515	273.841	278.061
All items less energy	269.892	275.658	278.742	283.781	289.805
All items less food and energy	271.023	276.976	279.886	284.780	289.337
Commodities	197.263	201.985	204.871	206.547	209.123
Commodities less food	155.419	159.942	161.936	161.599	158.614
Commodities less food and beverage	151.538	155.984	157.835	157.421	153.792
Nondurables	230.373	236.927	242.000	245.100	249.431
Nondurables less food	189.629	197.834	203.537	203.900	198.430
Nondurables less food and beverage	185.364	193.66	199.273	199.496	192.360
Services	324.441	332.966	340.140	347.082	353.103
Services less rent of shelter ³	343.671	345.072	355.547	359.254	361.245
Services less medical care	316.432	325.378	332.290	339.015	344.333

* 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 2019*

Facility	Licensed Beds	Inpatient Days	Admissions	Average Stay	Occupancy Rate
Medical/Surgical					
Maui Memorial Medical Center	157	42,635	9,362	4.6	74.40
Critical Care					
Maui Memorial Medical Center	29	6,389	517	12.4	60.36
Obstetric					
Maui Memorial Medical Center	22	3,593	1,740	2.1	44.74
Moloka'i General Hospital	2	37	29	1.3	5.07
Psychiatric					
Maui Memorial Medical Center	11	3,358	557	6.0	83.64
SNF/ICF					
Hale Makua Kahului	254	80,130	672	119.2	86.43
Hale Makua Wailuku	90	27,355	130	210.4	83.27
Kula Hospital	105	30,020	56	536.1	78.33
Lāna'i Community Hospital	10	3,476	6	579.3	95.23
Acute/SNF Swing					
Kula Hospital	9	2,339	21	111.4	71.20
Lāna'i Community Hospital	4	8	2	4.0	0.55
Moloka'i General Hospital	13	352	70	5.0	7.42
SNF/ICF ID					
Kula Hospital	9	2,940	2	1,470.0	89.50
Hansen's Disease					
Kalaupapa Care Home	5	760	15	50.7	41.64
Other: STF					
Ai Pono Maui	8	1,928	46	41.9	66.03
Aloha House, Inc.	48	14,296	879	16.3	81.60
Maui County Total	776	219,616	14,104	198.2	60.59

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 2019.

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	3	5	4,182	1.20
Kīhei	1	5	3,225	1.55
Wailuku	4	19	3,425	5.55
Maui Island Total	8	29	18,148	1.60
Moloka'i	3	8	1,181	6.77
Lāna'i	0	0	474	0.00
Maui County Total	11	37	19,803	1.87
Hawai'i County	41	87	26,834	3.24
Kaua'i County	7	15	9,985	1.50
City and County of Honolulu	354	1,353	138,490	9.77
State Total	413	1,492	195,112	7.65
Type II (more than 5 beds)				
Maui Island	1	20	18,148	1.10
Moloka'i	0	0	1,181	0.00
Lāna'i	0	0	474	0.00
Maui County Total	1	20	19,803	1.01
Hawai'i County	0	0	26,834	0.00
Kaua'i County	0	0	9,985	0.00
City and County of Honolulu	39	620	138,490	4.48
State Total	40	640	195,112	3.28

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, MARCH 2021.

1.5.3

HEALTH PRACTITIONERS LICENSED IN HAWAII BY PLACE OF ADDRESS

	Acupuncturist	Chiropractor	Dental Hygienist	Dentist	Massage Therapist
Maui	89	202	120	103	1,299
Moloka'i	1	0	4	3	13
Lāna'i	0	0	1	1	32
O'ahu	314	14	587	824	3,455
Hawai'i	125	4	76	110	1,052
Kaua'i	39	1	40	49	549
State Subtotal	568	221	828	1,090	6,400
Mainland	184	106	187	288	849
Foreign/Other	6	2	0	11	55
Total	758	329	1,015	1,389	7,304

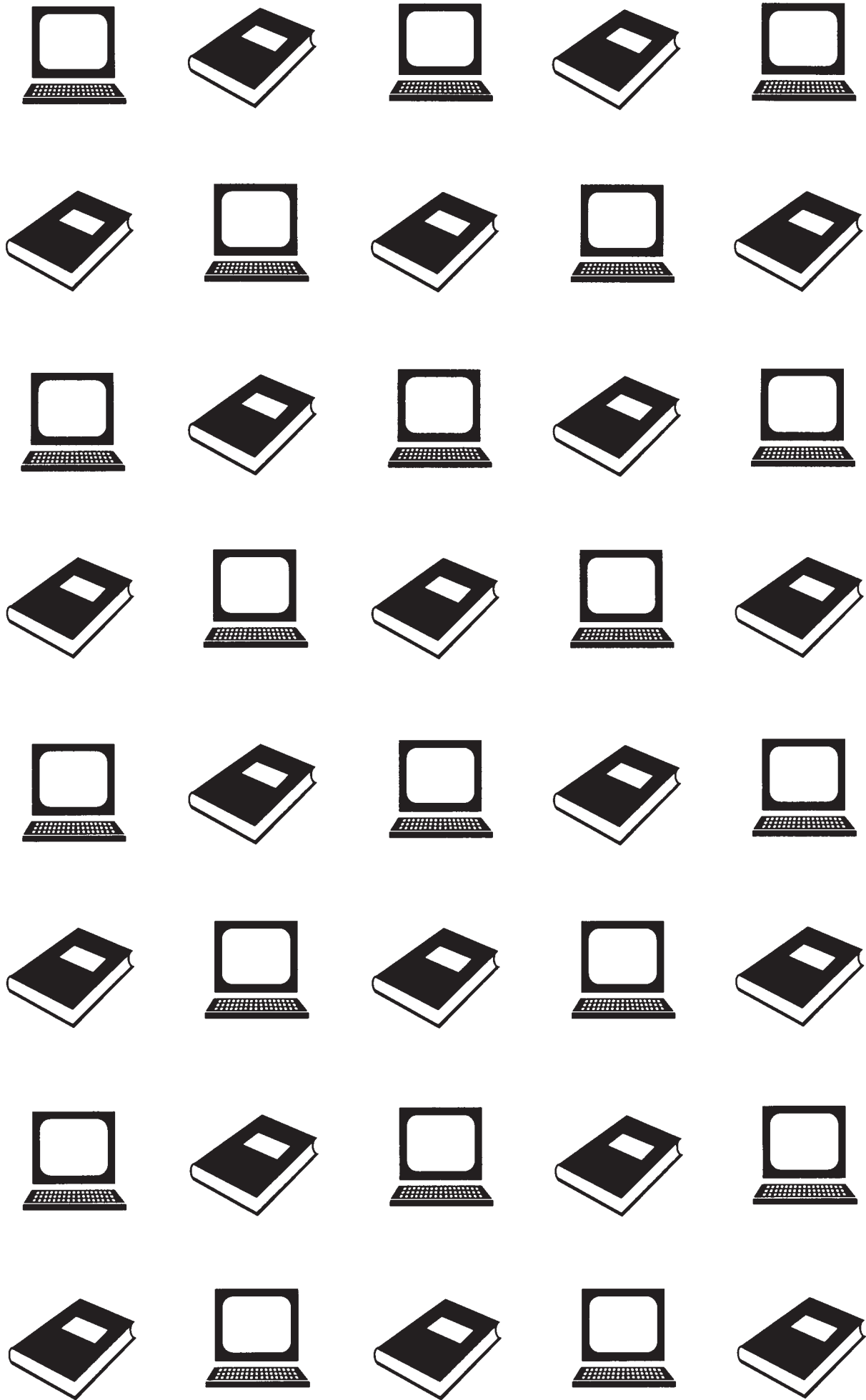
	Certified Physician's Assistant	Emergency Medical Tech.	Emergency Medical Tech. Paramedic	Physician or Surgeon ¹	Osteopathic Physician and Surgeon
Maui	52	70	53	425	36
Moloka'i	0	3	3	8	1
Lāna'i	0	0	0	1	1
O'ahu	183	329	307	3,627	243
Hawai'i	38	322	113	473	62
Kaua'i	14	42	26	182	21
State Subtotal	287	766	502	4,716	364
Mainland	94	8	55	4,486	619
Foreign/Other	0	0	0	40	2
Total	381	774	557	9,242	985

	Licensed Practical Nurse	Registered Nurse	Advanced Practice Registered Nurse	Occupational Therapist	Physical Therapist
Maui	240	1,541	86	42	126
Moloka'i	8	42	8	0	3
Lāna'i	0	22	1	0	0
O'ahu	910	11,800	941	318	771
Hawai'i	261	1,880	144	57	134
Kaua'i	110	750	46	22	65
State Subtotal	1,529	16,035	1,226	439	1,099
Mainland	450	10,378	564	315	641
Foreign/Other	2	78	5	3	7
Total	1,981	26,491	1,795	757	1,747

	Naturopath	Optometrist	Pharmacist	Podiatrist	Psychologist
Maui	21	28	115	5	57
Moloka'i	0	1	3	0	0
Lāna'i	0	0	1	0	1
O'ahu	32	235	1,100	32	642
Hawai'i	32	28	166	7	97
Kaua'i	10	12	70	1	33
State Subtotal	95	304	1,455	45	830
Mainland	32	122	1,082	42	342
Foreign/Other	0	0	4	1	1
Total	127	426	2,541	88	1,173

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 28, 2020.



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.

Table 2.18 has been replaced. Enrollment Projections of University of Hawai'i Maui College are no longer available and have been replaced by Continuing Education Enrollment of University of Hawai'i by Campus.

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

Horizons Academy of Maui PreK thru 12

Lahaina

Kamehameha III Elementary K thru 5

Lahaina Intermediate 6 thru 8

Lahainaluna High 9 thru 12

Mana'o'i'o Baptist Academy PreK thru 12

Maui Preparatory Academy PreK thru 12

Nahi'ena'ena Elementary K thru 5

Sacred Hearts PreK to 8

Upcountry/North Shore

Carden Academy of Maui PreK thru 8

Doris Todd Christian Academy PreK thru 12

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

Montessori School of Maui EC thru 8

Pā'ia Elementary K thru 5

Pukalani Elementary K thru 5

Roots School PreK thru 8

Seabury Hall 6 thru 12

Kahului/Wailuku

Emmanuel Lutheran PreK thru 8

Hawaiian Mission Academy Maui K 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 1 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 K 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 5 thru 12

Ho'omana Hou 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: 51**Public: 31****Charter: 2****Private: 18**

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	2017-2018	2018-2019	2019-2020	*2020-2021
Elementary Schools				
Ha'ikū	424,361	292,054	386,738	131,449
Kahului	694,252	968,234	478,273	498,472
Kamali'i	232,322	136,082	304,832	126,594
Kamehameha III	686,120	661,812	656,708	121,225
Kaunakakai	374,597	492,859	711,530	122,833
KThei	631,529	320,229	779,374	402,361
Kilohana	179,279	157,443	219,094	55,982
Kula	284,071	373,543	382,283	93,197
Lihikai	919,870	1,043,587	916,574	348,221
Makawao	608,501	523,489	245,905	159,518
Maunaloa	195,090	188,440	526,969	96,561
Nahi'ena'ena	725,886	740,937	816,756	212,282
Pā'ia	380,576	478,422	415,193	58,328
Pomaika'i	389,881	465,211	353,315	-53
Pukalani	136,029	242,413	451,771	259,518
Pu'u Kukui	357,617	249,078	365,519	16,169
Waihe'e	406,885	206,171	619,573	244,312
Wailuku	715,160	364,702	513,036	310,220
Intermediate Schools				
Īao	794,503	639,433	620,203	417,925
Kalama	448,498	714,528	591,679	343,763
Lahaina	474,986	717,759	679,353	240,478
Lokelani	264,285	282,027	562,676	187,289
Maui Waena	1,063,629	944,743	1,127,515	113,991
Moloka'i Middle	578,988	493,457	630,031	43,688
High Schools				
Baldwin	617,254	286,066	619,467	65,103
King Kekaulike	781,906	371,331	674,610	-146,311
Lahainaluna	752,003	312,662	557,503	87,377
Maui	1,210,684	1,656,655	2,003,598	202,935
Moloka'i	484,501	274,351	595,154	261,976
Multi-Level Schools				
Hāna High & Elementary	979,225	547,342	1,019,782	262,620
Lāna'i High & Elementary	374,605	325,132	480,511	100,255
Total	\$17,167,093	\$15,470,192	\$19,305,525	\$5,438,278

* Disruption caused by the COVID-19 pandemic.
Allocations do not include salaries.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION.

2.3

PUBLIC SCHOOLS ENROLLMENT BY GRADES MAUI DISTRICT

School	2016	2017	2018	2019	2020
Elementary Schools					
Ha'ikū	482	490	452	433	379
Kahului	949	964	989	933	901
Kamali'i	452	482	472	476	444
Kamehameha III	747	720	714	726	664
Kaunakakai	280	275	286	290	258
Kīthei	786	768	690	691	656
Kilohana	82	83	76	71	67
Kula	446	439	451	448	393
Lihikai	872	846	855	846	816
Makawao	536	541	551	523	537
Maunaloa	51	41	38	36	40
Nahi'ena'ena	711	717	744	739	700
Pā'ia	379	404	432	401	399
Pomaika'i	580	593	599	613	565
Pukalani	436	407	392	427	448
Pu'u Kukui	738	778	764	762	735
Waihe'e	740	685	604	581	601
Wailuku	669	686	682	638	626
Intermediate Schools					
Īao	904	953	987	1,004	889
Kalama	883	856	900	953	899
Lahaina	712	724	760	732	704
Lokelani	584	591	551	540	480
Maui Waena	1,183	1,176	1,155	1,162	1,100
Moloka'i Middle	168	199	200	188	194
High Schools					
Baldwin	1,361	1,361	1,322	1,304	1,299
King Kekaulike	1,085	1,088	1,097	1,129	1,125
Lahainaluna	1,007	1,020	992	1,061	1,069
Maui	1,941	1,950	2,017	2,082	2,100
Moloka'i	335	343	321	322	340
Multi-Level Schools					
Hāna High & Elementary	349	356	348	363	373
Lāna'i High & Elementary	562	569	560	577	565
Total	21,010	21,105	21,001	21,051	20,366

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION.

2.4

STUDENT PROFILES IN PUBLIC SCHOOLS MAUI DISTRICT, 2019-2020

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	433	92.6%	49.1%	7.3%	8.0%
Kahului	933	96.6%	55.5%	6.7%	27.2%
Kamali'i	476	94.1%	25.2%	9.6%	7.3%
Kamehameha III	726	97.2%	42.9%	8.6%	19.6%
Kaunakakai	290	97.9%	**	13.1%	3.7%
Kīhei	691	94.3%	60.4%	6.5%	19.3%
Kilohana	71	94.3%	**	*	*
Kula	448	95.3%	44.4%	9.3%	2.4%
Lihikai	846	94.0%	64.7%	7.8%	26.5%
Makawao	523	95.6%	51.6%	8.6%	5.7%
Maunaloa	36	80.5%	**	*	*
Nahi'ena'ena	739	95.5%	50.3%	7.9%	21.2%
Pā'ia	401	94.7%	50.6%	6.2%	*
Pomaika'i	613	99.1%	20.8%	7.9%	2.7%
Pukalani	427	96.4%	52.2%	13.3%	6.3%
Pu'u Kukui	762	93.9%	32.0%	9.8%	4.8%
Waihe'e	581	95.1%	59.7%	4.9%	7.5%
Wailuku	638	92.3%	60.0%	9.0%	17.7%
Intermediate Schools					
Īao	1,004	95.8%	49.7%	10.0%	5.7%
Kalama	953	96.7%	52.9%	15.7%	1.6%
Lahaina	732	97.9%	50.6%	7.9%	12.7%
Lokelani	540	93.1%	48.1%	11.2%	7.4%
Maui Waena	1,162	97.3%	45.0%	8.3%	13.2%
Moloka'i Middle	188	89.8%	**	13.2%	*
High Schools					
Baldwin	1,304	95.5%	34.5%	10.5%	6.2%
King Kekaulike	1,129	94.3%	42.6%	13.6%	1.9%
Lahainaluna	1,061	94.1%	34.0%	8.3%	11.3%
Maui	2,082	95.5%	36.4%	9.9%	10.7%
Moloka'i	322	95.3%	**	17.3%	*
Multi-Level Schools					
Hāna High & Elem.	363	95.8%	**	13.7%	*
Lāna'i High & Elem.	577	96.8%	**	14.2%	15.7%
Total	21,051				

* 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 2019-2020.

2.5

ETHNIC PROFILES IN PUBLIC SCHOOLS MAUI DISTRICT, 2019-2020

School	Chinese	Filipino	Hawaiian	Japanese	Portuguese	Hispanic	White	Other ¹
Elementary Schools								
Ha'ikū	0.0%	5.7%	18.9%	1.8%	3.9%	2.3%	55.4%	12.0%
Kahului	0.6%	53.3%	16.2%	3.7%	1.1%	1.3%	4.0%	19.8%
Kamali'i	0.2%	5.8%	7.1%	1.8%	0.8%	3.7%	68.9%	11.7%
Kamehameha III	0.6%	14.8%	10.4%	2.2%	0.6%	12.3%	41.7%	17.4%
Kaunakakai	0.0%	12.7%	78.6%	2.0%	0.0%	0.0%	2.7%	4.0%
KThei	0.4%	30.2%	14.9%	3.0%	0.7%	1.7%	35.7%	13.4%
Kilohana	0.0%	2.8%	84.5%	0.0%	0.0%	0.0%	9.8%	2.9%
Kula	0.6%	4.2%	25.8%	8.0%	4.6%	0.6%	48.2%	8.0%
Lihikai	0.3%	41.6%	21.1%	3.6%	2.4%	1.7%	6.7%	22.6%
Makawao	0.5%	10.3%	25.2%	5.3%	9.9%	2.4%	34.9%	11.5%
Maunaloa	0.0%	5.5%	72.2%	0.0%	0.0%	0.0%	16.6%	5.7%
Nahi'ena'ena	0.0%	49.3%	22.3%	1.2%	0.2%	2.3%	13.9%	10.8%
Pā'ia	0.4%	7.7%	63.5%	3.2%	5.7%	0.2%	12.9%	6.4%
Pomaika'i	1.6%	30.6%	11.7%	13.8%	3.9%	1.4%	27.4%	9.6%
Pukalani	1.1%	12.6%	24.8%	10.5%	8.4%	3.2%	28.1%	11.3%
Pu'u Kukui	1.0%	17.4%	19.9%	17.7%	2.4%	1.4%	24.8%	15.4%
Waihe'e	0.5%	27.1%	41.3%	4.4%	3.9%	0.1%	11.8%	10.9%
Wailuku	0.9%	20.8%	30.5%	6.7%	2.9%	1.8%	12.8%	23.6%
Intermediate Schools								
Ī'ao	0.8%	24.3%	31.4%	10.2%	3.7%	3.6%	10.4%	15.6%
Kalama	0.2%	7.8%	36.7%	5.1%	6.8%	3.8%	30.8%	8.8%
Lahaina	0.4%	35.7%	19.3%	2.1%	0.1%	11.3%	19.6%	11.5%
Lokelani	0.9%	29.4%	12.9%	2.2%	1.2%	10.1%	31.6%	11.7%
Maui Waena	0.3%	51.2%	14.1%	7.4%	2.1%	3.3%	5.6%	16.0%
Moloka'i Middle	1.0%	7.9%	78.1%	2.6%	0.5%	1.0%	5.8%	3.1%
High Schools								
Baldwin	2.3%	25.8%	34.4%	9.3%	2.4%	2.3%	10.3%	13.2%
King Kekaulike	1.6%	9.7%	31.7%	7.0%	3.3%	5.1%	32.9%	8.7%
Lahainaluna	0.8%	35.2%	20.9%	3.8%	0.4%	11.8%	17.0%	10.1%
Maui	1.0%	46.9%	16.0%	5.6%	0.9%	4.8%	13.3%	11.5%
Molokai	0.0%	9.6%	82.2%	2.1%	0.0%	0.0%	3.1%	3.0%
Multi-Level Schools								
Hāna High & Elem.	0.0%	0.5%	76.3%	1.3%	0.0%	0.2%	15.9%	5.8%
Lāna'i High & Elem.	0.5%	51.8%	16.9%	2.4%	0.6%	3.4%	10.2%	14.2%

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

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2019-2020.

2.6

**COMMUNITY PROFILES IN PUBLIC SCHOOLS
MAUI DISTRICT, 2019-2020**

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 2019-2020.

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 2019-2020.

2.8

SCHOOL COMPLETION IN PUBLIC SCHOOLS MAUI DISTRICT, 2019-2020

School	Total Completers ¹	Diploma Graduates	Individual Program	School Dropouts ²
High Schools				
Baldwin	97.3%	94.9%	2.3%	15.2%
King Kekaulike	94.6%	92.1%	2.4%	20.7%
Lahainaluna	93.4%	92.0%	1.4%	21.9%
Maui	95.0%	93.8%	1.1%	18.2%
Moloka'i	98.6%	97.2%	1.3%	11.7%
Multi-Level Schools				
Hāna High & Elem.	100.0%	95.6%	4.3%	*
Lāna'i High and Elem.	97.4%	97.4%	0.0%	*

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

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

* Data not reported to maintain student confidentiality.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2019-2020.

2.9

TEACHING STAFF PROFILES IN PUBLIC SCHOOLS MAUI DISTRICT, 2019-2020

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	29	15	11	12.6	17.4	5.3
Kahului	67	31	21	8.3	16.4	5.7
Kamali'i	34	23	14	11.2	15.9	6.5
Kamehameha III	48	31	19	11.7	17.4	7.8
Kaunakakai	17	14	7	16.3	19.3	9.5
Kīhei	53	24	20	9.0	15.3	5.0
Kilohana	11	4	2	8.9	7.0	4.0
Kula	27	16	8	12.7	18.4	8.4
Lihikai	52	34	14	16.4	17.7	9.4
Makawao	38	28	10	15.4	15.9	6.4
Maunaloa	5	3	4	15.7	7.5	6.0
Nahi'ena'ena	52	28	22	9.3	17.8	5.9
Pā'ia	29	9	6	9.8	15.0	6.2
Pomaika'i	42	24	11	9.6	16.3	7.0
Pukalani	31	7	12	6.7	16.0	7.1
Pu'u Kukui	45	15	15	12.6	18.5	10.7
Waihe'e	39	26	13	13.9	17.2	4.8
Wailuku	45	25	14	13.1	15.6	7.2
Intermediate Schools						
Īao	68	30	23	11.6	15.8	9.1
Kalama	67	32	26	11.7	14.8	11.5
Lahaina	47	21	21	8.7	17.7	8.2
Lokelani	36	14	12	10.1	18.4	6.1
Maui Waena	69	37	21	12.5	18.0	10.7
Moloka'i Middle	14	8	4	12.1	14.1	12.5
High Schools						
Baldwin	81	44	42	12.6	17.9	9.8
King Kekaulike	74	43	41	12.3	16.8	9.6
Lahainaluna	68	39	21	10.7	17.3	8.9
Maui	122	73	54	12.2	18.5	10.3
Moloka'i	24	19	13	14.8	14.0	11.2
Multi-Level Schools						
Hāna High & Elem.	33	20	12	11.0	12.5	7.6
Lāna'i High & Elem.	44	21	15	9.8	15.4	7.4
Total	1,411	758	528			

SOURCE: HAWAII'S STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2019-2020.

2.10

SUBJECT PROFICIENCIES IN PUBLIC SCHOOLS MAUI DISTRICT, 2019-2020

School	Grade	% Proficient Reading	% Proficient Math	% Proficient Science ¹
Elementary Schools				
Ha'ikū	4	63%	48%	65%
Kahului	4	47%	45%	47%
Kamali'i	4	67%	62%	85%
Kamehameha III	4	70%	53%	56%
Kaunakakai	4	50%	22%	33%
Kīhei	4	42%	36%	39%
Kilohana	4	NA	NA	NA
Kula	4	53%	49%	69%
Lihikai	4	61%	54%	42%
Makawao	4	47%	43%	46%
Maunaloa	4	NA	NA	NA
Nahi'ena'ena	4	40%	30%	50%
Pā'ia	4	59%	27%	66%
Pomaika'i	4	66%	55%	65%
Pukalani	4	59%	54%	80%
Pu'u Kukui	4	56%	51%	53%
Waihe'e	4	42%	44%	49%
Wailuku	4	28%	35%	40%
State Average	4	51%	48%	56%
Intermediate Schools				
Ī'ao	8	52%	33%	23%
Kalama	8	40%	39%	51%
Lahaina	8	36%	25%	25%
Lokelani	8	61%	47%	61%
Maui Waena	8	49%	36%	50%
Moloka'i Middle	8	36%	19%	17%
State Average	8	51%	38%	41%
High Schools				
Baldwin	11	48%	20%	20%
King Kekaulike	11	66%	28%	48%
Lahainaluna	11	40%	17%	21%
Maui	11	60%	28%	34%
Moloka'i	11	38%	16%	12%
State Average	11	59%	30%	35%
Multi-Level Schools				
Hāna High & Elem.	11	40%	5%	11%
Lāna'i High & Elem.	11	64%	3%	NA
State Average	11	59%	30%	35%

Note: The results are for School Year 2018-19. There are no results for SY 2019-20 due to COVID-19 pandemic and the U.S. Department of Education's waiver from testing. 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 2019-2020.

**PRIVATE SCHOOLS CHARACTERISTICS
MAUI COUNTY, 2017-2018**

School	Classroom Teachers (FTE)	Student Teacher Ratio	American				White	Native Hawaiian/Pacific Islander	Two or more races
			Indian/Alaskan	Asian	Black	Hispanic			
Aka'ula	3.6	5.6	14	2	0	4	0	0	
Carden Academy of Maui	12.1	11.7	1	19	1	78	6	35	
Doris Todd Christian Academy	13.8	10.8	4	11	0	73	37	19	
Emmanuel Lutheran	8.8	15.5	0	22	1	46	5	39	
Haleakala Waldorf	28.8	8.9	0	0	0	253	0	0	
Ho'omana Hou	0.9	5.6	0	1	0	1	3	0	
Kamehameha Schools Maui	82.0	12.9	0	0	0	0	1,057	0	
Mana'o'io Baptist Academy	1.0	8.0	0	3	0	4	0	0	
Maui Adventist	2.0	10.5	0	7	0	2	4	3	
Maui Preparatory Academy	32.1	6.3	0	20	1	141	34	0	
Montessori Hale O Keiki	9.8	4.6	0	0	0	28	10	6	
Montessori School of Maui	21.0	9.4	0	25	0	115	34	24	
Roots School	4.3	9.3	0	3	0	27	3	6	
Sacred Hearts	11.5	15.6	1	35	2	120	7	6	
Seabury Hall	49.8	9.1	2	48	1	267	47	83	
St. Anthony	20.0	13.6	0	69	0	109	83	4	

SOURCE: NATIONAL CENTER FOR EDUCATIONAL STATISTICS (NCES).

2.12

**PRIVATE SCHOOLS TUITION
MAUI COUNTY**

School	Tuition Fees \$
Aka'ula	10,000
Carden Academy of Maui	11,655 - 14,795
Doris Todd Christian Academy	7,148 - 7,571
Emmanuel Lutheran	6,800 - 7,830
Haleakalā Waldorf	12,900 - 18,600
Hawaiian Mission Academy Maui	7,200
Ho'omana Hou	5,000
Horizons Academy of Maui	4,000 per month
Ka'ahumanu Hou Christian	4,200 - 5,000
Kamehameha Schools Maui	4,898 - 6,026
Maui Adventist	7,200
Maui Preparatory Academy	7,700 - 20,000
Montessori School of Maui	14,927 - 17,412
Roots School	8,850
Sacred Hearts	7,300 - 8,450
Seabury Hall	21,940
St. Anthony	7,000 - 14,000

SOURCE: PRIVATE SCHOOLS, HONOLULU MAGAZINE AND HAWAII ASSOCIATION OF INDEPENDENT SCHOOLS (HAIS) 2021 HAWAII PRIVATE SCHOOL GUIDE.

**PRIVATE SCHOOLS ENROLLMENT BY GRADES
MAUI COUNTY, 2020-2021**

School	EC* PreK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total
Aka'ula	0	0	0	0	0	0	3	3	10	8	3	2	1	4	34
Carden Academy of Maui	0	16	18	17	17	16	15	18	12	15	0	0	0	0	156
Doris Todd Christian Academy	0	28	17	19	14	15	16	16	16	11	4	7	3	0	184
Haleakalā Waldorf	0	21	24	14	11	14	17	15	18	25	13	17	12	8	226
Hawaiian Mission Academy	0	0	3	5	1	1	2	2	3	2	0	0	0	0	20
Ka'ahumanu Hou Christian	0	60	8	5	8	10	9	4	0	3	3	2	0	1	123
Kamehameha Schools Maui	0	0	40	40	48	48	48	110	110	110	140	132	120	120	1,106
Maui Preparatory Academy	0	32	16	19	20	19	17	15	15	16	20	22	15	20	262
Montessori School of Maui	12	45	35	15	21	17	14	8	6	10	0	0	0	0	203
Roots School	0	10	10	8	7	3	8	0	0	0	0	0	0	0	50
Sacred Hearts	14	20	20	20	19	21	16	14	22	13	2	0	0	0	200
Seabury Hall	0	0	0	0	0	0	0	48	50	55	85	69	81	68	456
St. Anthony	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	290
Total	26	228	189	163	158	172	161	253	262	268	270	251	232	221	3,310

* Early Childhood Education Program.

NA: Not available.

SOURCE: HAWAII ASSOCIATION OF INDEPENDENT SCHOOLS, PRIVATE SCHOOL ENROLLMENT REPORT 2020-2021.

2.14

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

As of June 30	2017	2018	2019	2020
Library Locations ¹	8	8	8	8
Personnel	47	47	48	48
Circulation, year ending June 30	583,622	568,507	538,465	409,421
Collections				
Books	337,953	332,750	333,559	320,178
Periodical Subscriptions	697	720	588	577
DVDs and Videotapes	27,787	27,846	28,888	28,505
Sound Recordings	16,473	16,359	16,137	14,933

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
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
2018	43,726	8,526	41	99,805
2019 ³	24,977	6,932	1,526	35,933
2020	25,193	4,579	NA	43,022

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. 3. Revised from previous edition. NA: Not available

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

2.16

DEGREES AND CERTIFICATES EARNED UNIVERSITY OF HAWAI‘I MAUI COLLEGE

Fiscal years (July 1 to June 30)

	2016	2017	2018	2019	2020
Total	594	668	638	701	593
General	288	307	315	315	256
Hawaiian Studies (Associate)	11	13	11	12	9
Liberal Arts (Associate)	277	291	298	297	239
Natural Sciences (Associate of Science)	0	3	6	6	8
Career & Technical Education	306	361	323	386	337
Business Education	66	67	92	104	104
Certificate of Achievement	19	23	25	45	49
Associate of Applied Science	45	37	53	51	42
Bachelor of Applied Science	2	7	14	8	13
Food Services	49	62	40	57	48
Certificate of Achievement	21	28	20	28	22
Associate of Applied Science	28	34	20	29	26
Health Services	73	83	78	104	82
Certificate of Achievement	25	37	39	49	46
Associate of Science	48	46	39	55	36
Humanities	0	0	0	3	4
Associate of Science	0	0	0	3	4
Public Services	50	46	34	43	48
Certificate of Achievement	17	19	14	20	20
Associate of Science	21	20	14	14	17
Associate of Applied Science	12	7	6	9	11
Technology	68	103	79	75	51
Certificate of Achievement	14	49	36	31	22
Associate of Science	12	10	8	6	6
Associate of Applied Science	25	34	27	27	18
Associate in Technical Studies	2	1	0	0	0
Bachelor of Applied Science	15	9	8	11	5

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

2.17

HIGH SCHOOL GRADUATES ENTERING THE UNIVERSITY OF HAWAII SYSTEM, FALL 2020

Maui County	Total Graduates	UH System	Mānoa	Hilo	West O'ahu	Maui College	Other Campuses
Public Schools	1,303	393	41	7	1	298	46
Baldwin	291	86	7	0	0	68	11
Hāna	23	3	1	1	0	1	0
Kīhei Charter School	49	15	4	0	0	11	0
King Kekaulike	228	54	4	1	1	45	3
Lahainaluna	200	52	8	1	0	39	4
Lāna'i	38	12	5	1	0	4	2
Maui	402	158	12	0	0	126	20
Moloka'i	72	13	0	3	0	4	6
Private Schools	239	59	12	4	0	34	9
Aka'ula	1	0	0	0	0	0	0
Haleakalā Waldorf	4	1	0	0	0	1	0
Ho'omana Hou	9	0	0	0	0	0	0
Ka'ahumanu Hou	6	0	0	0	0	0	0
Kamehameha Maui	110	40	6	3	0	23	8
Maui Christian Academy	5	1	0	0	0	1	0
Maui Preparatory	17	5	4	0	0	1	0
St. Anthony	12	3	0	1	0	2	0
Seabury Hall	75	9	2	0	0	6	1

SOURCE: UNIVERSITY OF HAWAII, INSTITUTIONAL RESEARCH AND ANALYSIS OFFICE, HIGH SCHOOL BACKGROUND OF FIRST-TIME STUDENTS, FALL 2020.

2.18

CONTINUING EDUCATION ENROLLMENT UNIVERSITY OF HAWAII BY CAMPUS

	2013	2014	2015	2016	2017	2018	2019
Total	43,932	34,905	21,427	23,274	19,603	22,941	31,105
UH Mānoa¹	16,652	5,848	4,700	NA	1,762	2,616	8,765
UH Hilo	3,626	6,212	1,744	3,450	1,323	548	185
UH CC²	23,654	22,845	22,409	19,824	16,518	19,777	22,155
Hawai'i	4,369	4,454	4,054	3,132	2,203	2,937	1,960
Honolulu	5,341	5,233	7,426	4,988	3,219	3,699	8,763
Kapi'olani	2,232	2,247	3,622	3,484	3,935	2,866	2,718
Kaua'i	2,092	1,975	1,589	1,514	1,347	1,522	1,406
Leeward	3,604	3,381	1,972	2,658	2,123	3,222	2,970
Maui	4,177	3,408	2,113	2,577	2,261	4,358	3,362
Windward	1,839	2,147	1,633	1,471	1,430	1,173	976

1. Counts were not reported in Spring-Fall-Summer 2015 and 2016. 2. CC: Community Colleges NA: Not available.

SOURCE: STATE OF HAWAII, INSTITUTIONAL RESEARCH AND ANALYSIS OFFICE.

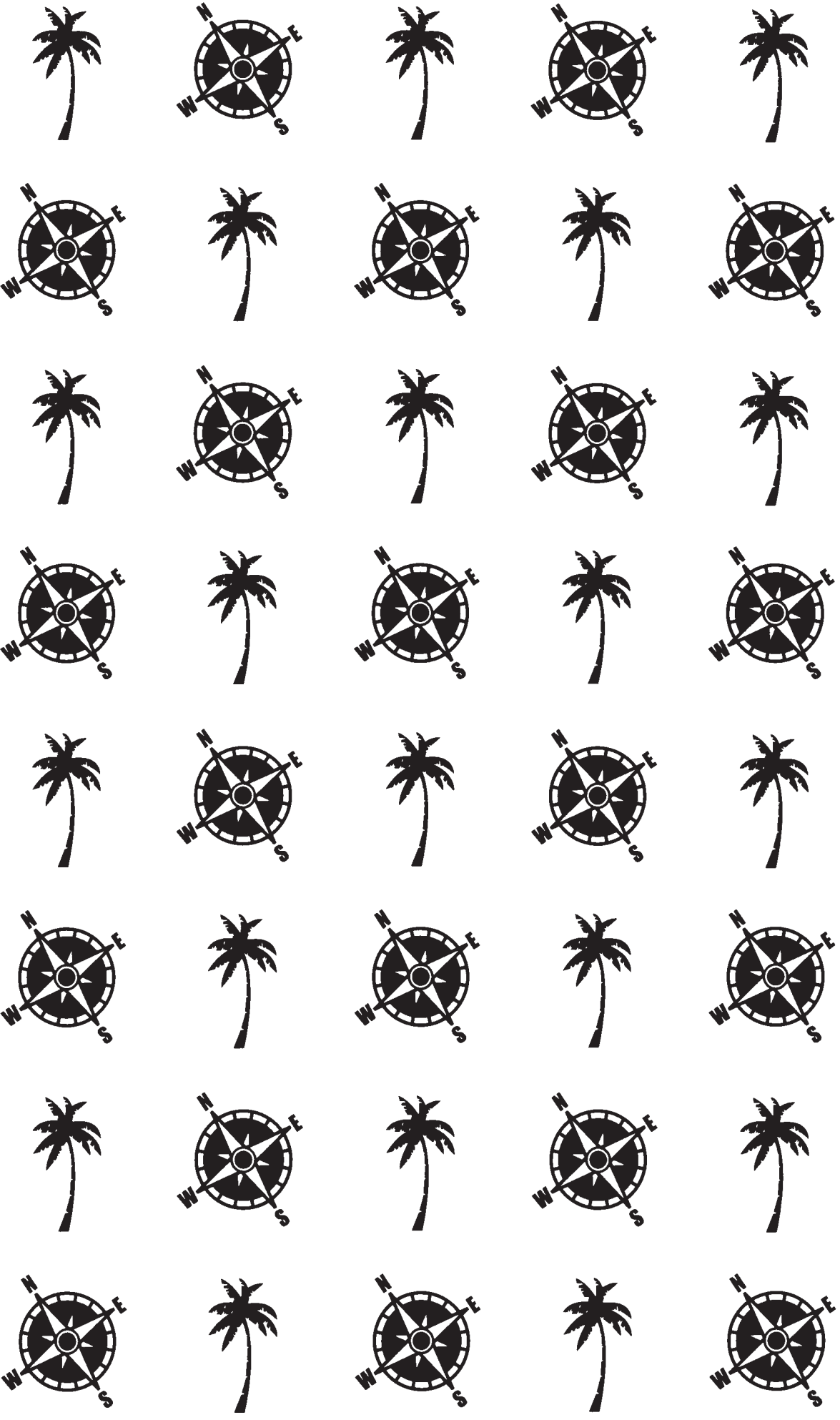
2.19

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

Fall Semester	Students Enrolled		
	Total	Full-time	Part-time
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
2019	2,992	1,006	1,986
2020	2,936	843	2,093

	Number of Employees		
	2018	2019	2020
Board of Regents Appointees	316	298	266
Faculty	237	219	188
Professor	10	12	9
Associate Professor	22	16	17
Assistant Professor	22	18	22
Instructor	32	27	22
Lecturer	121	109	85
Other	30	37	33
Support Staff	72	72	71
Executive Staff	7	7	7
Civil Service Staff	54	48	46
Total Employees	370	346	312

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 29,947 acres in Maui County as urban, 311,601 as conservation, 400,881 as agricultural and 8,471 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	Moloka'i	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 Moloka'i between Umilehi Point and Pu'uka'ōkū Point drop 3,250 feet at an average slope of 58 degrees. These cliffs have been described by The Guinness Book of World Records (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	57.7	51.2	66.1	49.4	59.7	42.7	80	10/06/73	27	02/26/65
	Hāna Airport	75	77.3	71.1	82.9	71.7	77.8	64.8	94	11/03/79	50	02/19/58
	Kahului Airport	51	81.1	72.9	90.0	71.2	82.2	63.6	97	09/16/19	48	01/20/69
	Kapalua Airport	240	79.3	72.3	86.6	72.0	79.0	65.7	98	04/20/05	57	02/10/19
	Kula Hospital	3,030	66.2	59.5	74.9	57.5	67.7	51.3	91	06/19/35	38	01/22/97
	Mākena Golf Course	88	83.9	66.3	87.3	69.2	79.9	63.0	95	11/25/10	54	01/26/09
	Molokaʻi Airport	443	82.7	69.1	86.7	72.8	78.8	64.3	94	09/16/19	46	03/04/87
	Lānaʻi Airport	1,300	75.1	68.0	83.4	66.8	76.1	59.8	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	42.25	140	121.16	1980	17.71	1962	5.28	Dec	1.62	Jun	18.50	01/09/80
	Hāna Airport	72.15	269	126.23	1965	48.36	2001	8.46	Mar	4.45	Jun	19.45	03/30/07
	Kahului Airport	16.21	91	40.63	1989	5.04	2012	2.80	Dec	0.17	Jun	6.40	12/20/17
	Kapalua Airport	27.77	158	48.43	2004	18.92	2000	3.92	Mar	1.07	Jun	8.14	03/24/06
	Kula Hospital	30.98	88	70.72	1968	11.59	1998	3.87	Jan	1.20	Jun	9.01	12/20/55
	Mākena Golf Course	15.70	48	30.42	1996	5.58	1998	2.48	Jan	0.75	Apr	8.45	12/07/88
	Molokaʻi Airport	21.72	111	50.34	2004	7.15	2012	3.56	Jan	0.61	Jun	9.03	02/12/89
	Lānaʻi Airport	15.72	67	47.66	1951	5.28	1999	2.87	Jan	0.37	Aug	10.45	11/10/55

Note: 1991-2020 Climate Normals.

SOURCE: U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, REGIONAL CLIMATE CENTERS, APPLIED CLIMATE INFORMATION SYSTEM (ACIS).

3.1.7

**MONTHLY RAINFALL AND TEMPERATURE AT SPECIFIED LOCATIONS
MAUI COUNTY, 2020**

Rainfall¹	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
Maui													
Ha'ikū	13.04	6.31	6.21	4.71	4.83	1.82	3.00	1.51	2.02	1.04	8.28	2.30	55.07
Haleakalā Ranger Station	14.12	NA	NA	NA	NA	NA	5.23	0.19	1.98	1.56	3.26	2.76	29.10
Hāna Airport	9.72	10.37	11.55	9.03	2.93	4.67	3.91	3.35	4.06	2.51	6.61	2.98	71.69
Kahului Airport	2.86	2.23	1.50	2.79	0.74	NA	0.30	0.03	0.27	0.26	0.25	0.18	11.41
Kailua (NE Maui)	14.34	4.80	0.93	0.00	1.80	0.37	NA	NA	NA	NA	NA	NA	24.54
Kapalua Airport	4.21	2.16	2.41	2.87	0.32	1.43	1.13	0.37	0.57	2.31	1.43	0.90	20.11
Kula Branch Station	1.69	2.54	7.18	3.40	1.23	0.52	2.70	0.10	0.70	4.08	0.12	0.17	24.43
Kula Hospital	1.27	4.23	4.60	3.41	1.61	0.52	2.33	0.80	1.52	6.10	0.82	0.61	27.82
Mākena Golf Course	0.00	0.54	1.48	1.02	0.24	0.00	0.00	0.00	0.00	1.55	0.00	1.43	7.76
Pa'akea	20.30	0.33	1.52	NA	0.60	2.47	NA	0.74	NA	NA	NA	NA	37.46
Pukalani	8.65	7.22	7.57	2.84	5.03	2.38	6.00	3.05	1.64	0.63	4.17	2.77	51.95
'Ulupalakua Ranch	1.05	2.15	2.25	3.27	1.79	1.11	2.06	0.42	1.58	3.37	0.27	1.16	20.69
Waikapū	3.07	3.30	2.60	2.24	1.38	0.05	0.58	0.03	0.23	0.36	0.40	0.41	14.97
Moloka'i													
Maunaloa	1.77	2.76	NA	0.21	NA	NA	NA	NA	NA	NA	NA	NA	4.81
Moloka'i Airport	2.46	1.77	2.02	3.83	0.83	0.39	0.66	0.06	0.32	0.05	0.68	0.74	13.81
Kaunakakai	0.71	1.52	0.62	0.62	NA	NA	NA	NA	NA	NA	NA	NA	3.47

3.1.7

CONTINUED

Temperature ^{1,2}	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
Maui													
Haleakalā Ranger Station	53.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53.0
Hāna Airport	73.4	71.9	72.2	73.3	74.9	76.4	76.9	77.4	77.1	77.7	75.9	74.7	75.2
Kahului Airport	73.9	73.2	74.4	75.9	78.2	81.8	82.7	83.6	82.2	81.6	79.3	76.1	78.6
Kailua (NE Maui)	68.2	65.3	66.5	69.5	68.0	72.3	NA	73.5	NA	NA	NA	NA	69.0
Kapalua Airport	73.5	72.6	73.5	75.1	76.7	78.7	79.6	80.9	80.3	80.2	77.9	75.3	77.0
Kula Branch Station	62.3	60.2	61.5	62.6	63.9	65.6	66.6	67.2	66.8	66.7	65.4	63.7	64.4
Kula Hospital	60.7	58.9	60.3	61.7	62.6	64.1	65.3	65.9	65.9	65.1	63.9	61.5	63.0
Mākena Golf Course	73.3	72.8	72.9	74.8	75.0	77.8	79.5	78.8	78.5	78.8	76.6	74.1	76.1
Molokaʻi													
Molokaʻi Airport	73.0	71.8	72.5	74.0	76.2	79.1	78.4	79.4	79.9	78.7	79.8	77.5	76.7

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, REGIONAL CLIMATE CENTERS, APPLIED CLIMATE INFORMATION SYSTEM (ACIS).

3.1.8

ANNUAL RAINFALL AND TEMPERATURE AT SPECIFIED LOCATIONS, MAUI COUNTY

Annual Rainfall, Inches					
	2016	2017	2018	2019	2020
Maui					
Ha'ikū	56.14	62.50	74.06	50.44	55.07
Haleakalā Ranger Station	58.41	47.64	47.45	6.12	29.10
Hāna Airport	89.81	60.57	103.21	67.03	71.69
Kahului Airport	19.00	26.10	22.12	12.86	11.41
Kailua (NE Maui)	107.94	68.31	94.14	52.32	24.54
Kapalua Airport	30.98	35.36	38.71	24.76	20.11
Kula Branch Station	26.88	31.06	34.66	28.38	24.43
Kula Hospital	33.13	41.79	48.54	35.70	27.82
Mākena Golf Course	16.72	19.01	20.15	10.61	7.76
Pa'akea	186.39	114.23	158.82	84.52	37.46
Pukalani	41.98	38.77	37.66	49.03	51.95
'Ulupalakua Ranch	29.71	40.90	37.58	24.10	20.69
Waikapū	36.50	35.55	43.08	22.71	14.97
Moloka'i					
Maunaloa	25.25	22.30	37.37	13.78	4.81
Moloka'i Airport	14.96	18.57	21.12	17.47	13.81
Kaunakakai	9.10	12.55	15.20	13.60	3.47
Average Annual Temperature, Fahrenheit					
	2016	2017	2018	2019	2020
Maui					
Haleakalā Ranger Station	54.7	54.4	55.6	53.4	53.0
Hāna Airport	74.7	74.1	75.1	53.4	75.2
Kahului Airport	77.2	76.7	76.9	78.4	78.6
Kailua (NE Maui)	70.2	69.4	70.4	70.9	69.0
Kapalua Airport	76.4	76.3	76.2	77.4	77.0
Kula Branch Station	64.2	63.8	64.4	64.5	64.4
Kula Hospital	63.3	62.4	63.2	63.3	63.0
Mākena Golf Course	76.7	75.5	75.4	75.8	76.1
Moloka'i					
Moloka'i Airport	76.5	76.4	76.5	77.3	76.7

SOURCE: U.S. DEPT. OF COMMERCE, NOAA, REGIONAL CLIMATE CENTERS, APPLIED CLIMATE INFORMATION SYSTEM (ACIS).

3.2.1

TRENDS IN REAL PROPERTY TAX BASE MAUI COUNTY

*Gross valuation in thousands
As of mid-April*

	2020
Residential Non Owner-Occupied	19,429,815
Tier 1	11,675,755
Tier 2	2,470,656
Tier 3	5,283,404
Apartment	571,703
Commercial	3,233,863
Tier 1	-
Tier 2	-
Tier 3	-
Industrial	2,409,301
Agricultural	1,292,339
Conservation	245,704
Hotel/Resort	3,167,401
Residential Owner-Occupied	18,624,764
Tier 1	15,946,877
Tier 2	1,734,648
Tier 3	943,240
Time Share	2,808,024
Commercialized Residential	242,749
Short Term Rental	10,320,084
Tier 1	-
Tier 2	-
Tier 3	-
Total	62,345,748

Note: Property valuation tiers:

Tier 1: Up to \$800,000

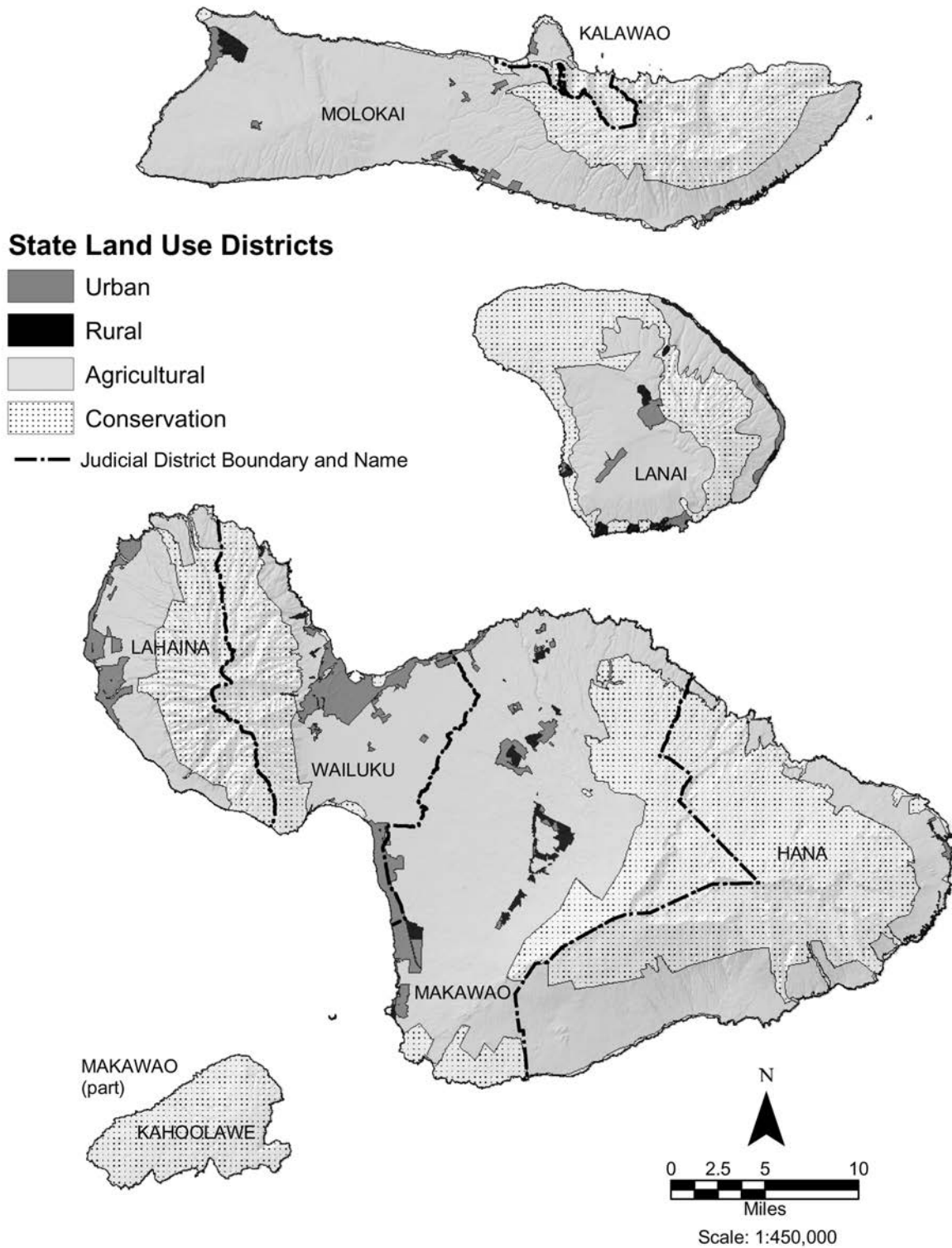
Tier 2: \$800,000 to \$1,500,000

Tier 3: More than \$1,500,000

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, 2020

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

Island	Classification by State Land Use Commission ²				
	Total Area ¹	Urban	Conservation	Agricultural	Rural
Hawai'i ³	2,573,400	54,161	1,304,347	1,213,602	1,291
Maui	465,800	24,078	194,836	242,688	4,198
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	101,715	156,776	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	200,657	1,973,793	1,926,925	11,015

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.

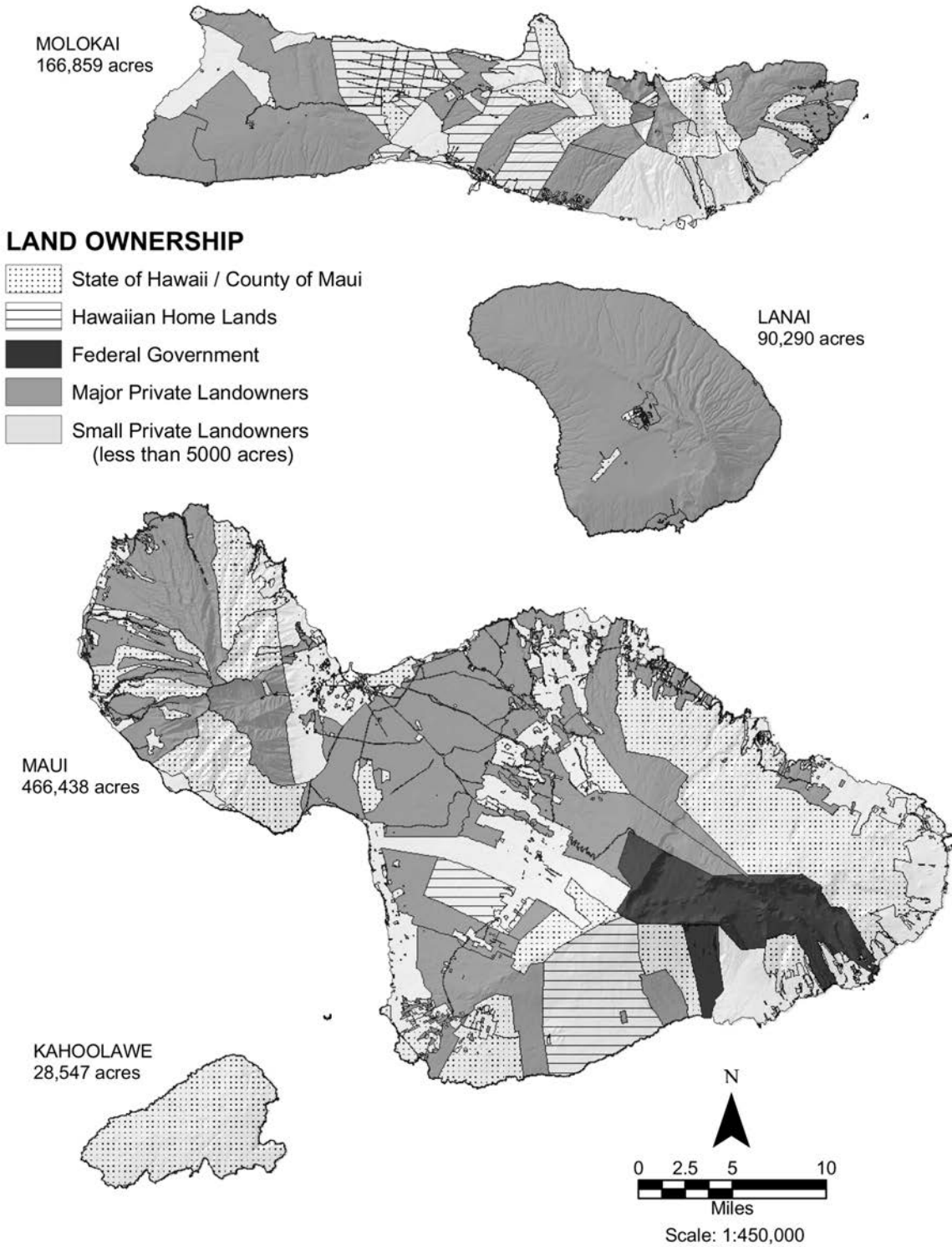
3. May be revised, pending updates of County records.

4. 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
2019	74,000	140,490	292,664	33,759	540,913
2020	74,467	140,698	294,287	33,883	543,335

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	Kauhiale 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	Kearae 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 Heiaiau	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

Hōkūkano ‘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

Niho 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, 2020*

	Maui	Lānaʻi	Molokaʻi	Hawaiʻi	Kauaʻi	Oʻahu	State Total
Acreege	5,066	25	12,184	41,984	2,619	2,514	64,391
General Leases	2	-	1,763	740	72	249	2,827
Licenses	78	-	441	21,695	314	366	22,893
Right of Entry Permits	4,986	25	9,980	19,549	2,233	1,899	38,672
Homestead Leases	1,406	33	839	2,529	744	4,382	9,933
Residential	1,266	33	393	1,716	697	4,322	8,427
Agricultural	65	-	419	506	46	60	1,096
Pastoral	75	-	27	307	1	-	410
Applications¹	9,212	70	2,141	15,178	4,294	14,974	45,869
Residential	3,854	70	816	5,886	1,702	11,067	23,395
Agricultural	4,724	-	1,121	7,307	2,266	3,907	19,325
Pastoral	634	-	204	1,985	326	-	3,149

NA: Not available

1. The 45,988 lease applications are held by 28,788 applicants.

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

3.2.8

**DISPOSITION OF STATE LANDS
MAUI COUNTY, 2020**

Document Number	Permittee or Grantee Name	Location	Acres	Use	Note
Executive Orders - Set Asides					
EO4616	Department of Transportation	Wailuku	313.030	For addition to Kahului Airport purposes	
EO4625	Department of Agriculture	Makawao	587.740	For agricultural purposes	
Public Utilities					
LOD29209	Maui Electric Company, Ltd.	Makawao	0.118	Utility	One-time payment: \$8,965
Fee Conveyances					
LOD29216	State of Hawai'i	Moloka'i	800.757	Acquisition of private lands for set aside for wildlife sanctuary purposes	Purchase price: \$3,190,000

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

3.2.9

SINGLE FAMILY HOME AND CONDOMINIUM SALES BY AREA, MAUI COUNTY, 2020

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	99	8%	\$1,142,103	14%	\$950,000	17%	\$113,068,239	23%
Hāna	10	11%	\$1,357,500	10%	\$905,000	15%	\$13,575,000	22%
Kā'anapali	28	12%	\$2,279,411	4%	\$2,050,000	21%	\$63,823,503	16%
Kahakuloa	0	0%	\$0	0%	\$0	0%	\$0	0%
Kahului	116	-9%	\$708,684	4%	\$689,000	4%	\$82,207,370	-6%
Kapalua	17	-11%	\$5,340,412	109%	\$3,500,000	37%	\$90,787,000	87%
Kīhei	157	-7%	\$1,072,797	8%	\$840,000	6%	\$168,429,113	0%
Kula/Ulupalakua/Kanaio	73	-8%	\$1,137,593	3%	\$997,000	1%	\$83,044,263	-5%
Lahaina	47	-20%	\$1,759,416	23%	\$1,180,000	39%	\$82,692,556	-2%
Lāna'i	16	60%	\$693,156	26%	\$442,500	-3%	\$11,090,500	101%
Mā'alaea	0	0%	\$0	0%	\$0	0%	\$0	0%
Makawao/Olinda/Hali'imaile	75	-10%	\$822,177	-2%	\$687,500	1%	\$61,663,300	-12%
Maui Meadows	25	9%	\$1,373,712	-2%	\$1,200,000	-13%	\$34,342,800	6%
Moloka'i	26	-10%	\$463,596	12%	\$470,500	43%	\$12,053,500	1%
Nāpili/Kahana/Honokōwai	31	-6%	\$1,851,280	32%	\$1,055,500	10%	\$57,313,390	24%
Olowalu	1	0%	\$1,125,000	-60%	\$1,125,000	-60%	\$1,125,000	-60%
Pukalani	50	-17%	\$849,865	5%	\$774,450	8%	\$42,493,233	-13%
Spreckelsville/Pā'ia/Ku'au	20	25%	\$944,045	-50%	\$850,000	-40%	\$18,880,900	-38%
Wailea/Mākena	34	-3%	\$3,953,493	-14%	\$2,850,000	14%	\$134,418,777	-17%
Wailuku	228	-8%	\$742,074	10%	\$730,550	8%	\$169,192,801	1%
Maui Summary	1,055	-6%	\$1,175,950	9%	\$795,575	7%	\$1,241,226,745	3%
Condominiums								
Kā'anapali	159	-5%	\$1,338,852	10%	\$1,050,000	10%	\$212,877,531	4%
Kahului	34	3%	\$151,859	-7%	\$139,000	3%	\$5,163,200	-5%
Kapalua	40	-34%	\$1,715,438	-16%	\$1,162,500	11%	\$68,617,500	-45%
Kīhei	444	-31%	\$588,700	12%	\$486,250	8%	\$261,382,733	-23%
Lahaina	157	28%	\$727,516	29%	\$595,000	6%	\$114,220,002	65%
Lāna'i	3	0%	\$1,136,000	64%	\$850,000	340%	\$3,408,000	64%
Mā'alaea	46	59%	\$461,792	-3%	\$444,500	-4%	\$21,242,450	54%
Moloka'i	23	44%	\$172,391	8%	\$163,000	14%	\$3,965,000	56%
Nāpili/Kahana/Honokōwai	191	-27%	\$532,123	18%	\$490,000	9%	\$101,635,487	-15%
Pukalani	10	67%	\$673,190	7%	\$645,000	4%	\$6,731,900	78%
Spreckelsville/Pā'ia/Ku'au	2	-33%	\$461,500	12%	\$461,500	25%	\$923,000	-26%
Wailea/Mākena	134	1%	\$1,842,873	29%	\$1,300,000	8%	\$246,944,963	30%
Wailuku	93	-26%	\$430,912	2%	\$400,000	-4%	\$40,074,798	-25%
Maui Summary	1,336	-17%	\$813,762	16%	\$570,000	11%	\$1,087,186,564	-4%

SOURCE: REALTORS ASSOCIATION OF MAUI, MLS SALE DATA.

3.2.10

LAND SALES BY AREA, MAUI COUNTY, 2020

Area	# Sales	% Change Last Yr	Average Price	% Change Last Yr	Median Price	% Change Last Yr	Total Volume	% Change Last Yr
Ha'ikū	49	26%	\$588,696	24%	\$462,500	-2%	\$28,846,087	56%
Hāna	9	-18%	\$822,000	29%	\$625,000	3%	\$7,398,000	6%
Kā'anapali	11	22%	\$516,189	-27%	\$428,575	-38%	\$5,678,075	-10%
Kahakuloa	7	600%	\$468,571	30%	\$425,000	18%	\$3,280,000	811%
Kahului	3	-	\$295,000	-	\$280,000	-	\$885,000	-
Kapalua	8	300%	\$1,740,625	11%	\$837,500	-47%	\$13,925,000	342%
Kīhei	5	-38%	\$560,000	-28%	\$475,000	-32%	\$2,800,000	-55%
Kīpahulu	1	-	\$444,000	-	\$444,000	-	\$444,000	-
Kula/Ulupalakua/ Kanaio	46	92%	\$837,475	34%	\$541,000	25%	\$38,523,850	157%
Lahaina	4	-60%	\$1,282,375	-3%	\$1,527,250	-7%	\$5,129,500	-58%
Makawao/Olinda/ Hali'imaile	11	10%	\$636,364	15%	\$575,000	26%	\$7,000,000	26%
Maui Meadows	1	-50%	\$455,000	-3%	\$455,000	-3%	\$455,000	-52%
Moloka'i	10	25%	\$186,850	17%	\$117,500	-21%	\$1,868,500	52%
Nāpili/Kahana/ Honokōwai	0	-	\$0	-	\$0	-	\$0	-
Olowalu	1	-50%	\$475,000	-5%	\$475,000	-5%	\$475,000	-53%
Pukalani	6	-14%	\$454,917	-2%	\$397,500	3%	\$2,729,500	-16%
Spreckelsville/ Pā'ia/Ku'au	2	100%	\$2,275,000	42%	\$2,275,000	42%	\$4,550,000	184%
Wailea/Mākena	10	-47%	\$2,021,556	-44%	\$2,500,000	93%	\$18,694,000	-73%
Wailuku	22	0%	\$451,636	-8%	\$402,500	-20%	\$9,936,000	-4%
Maui Summary	206	17%	\$742,037	-20%	\$475,000	-5%	\$152,617,512	-5%

SOURCE: REALTORS ASSOCIATION OF MAUI, MLS SALE DATA.

3.2.11

FOREST AND NATURAL AREA ACREAGE BY ISLAND

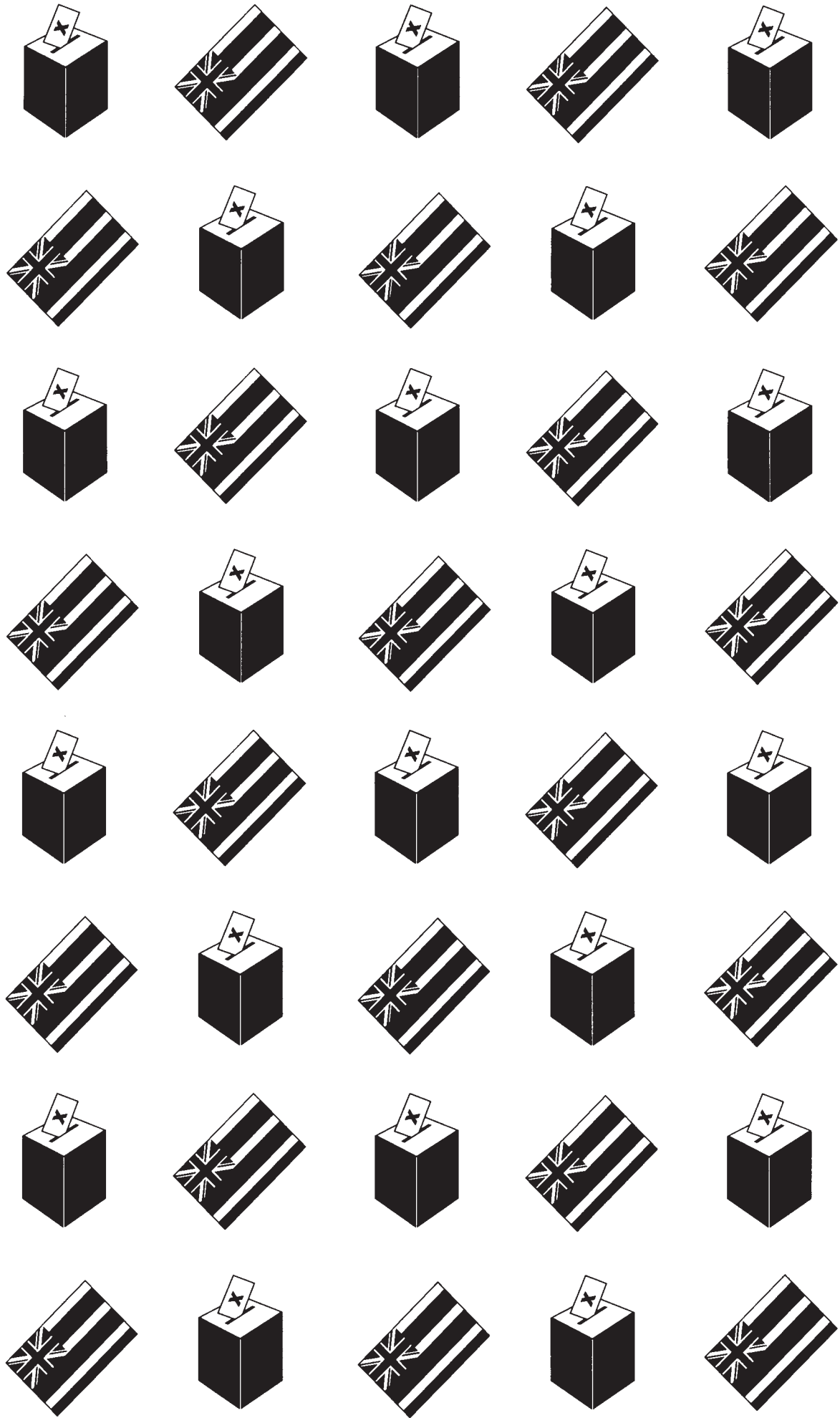
On June 30, 2020

Island	Conservation District Forest Land		Natural Areas	
	Forest Reserve ¹	Private Forest ²	Number of Areas	Acres
State Total	683,964	194,941	21	123,810
Hawai'i	479,097	97,185	8	94,954
Maui	67,761	30,705	5	18,543
Kaho'olawe	0	0	0	0
Lāna'i	0	6,950	0	0
Moloka'i	11,690	0	2	2,950
O'ahu	39,242	20,213	4	2,148
Kaua'i	86,174	39,888	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.

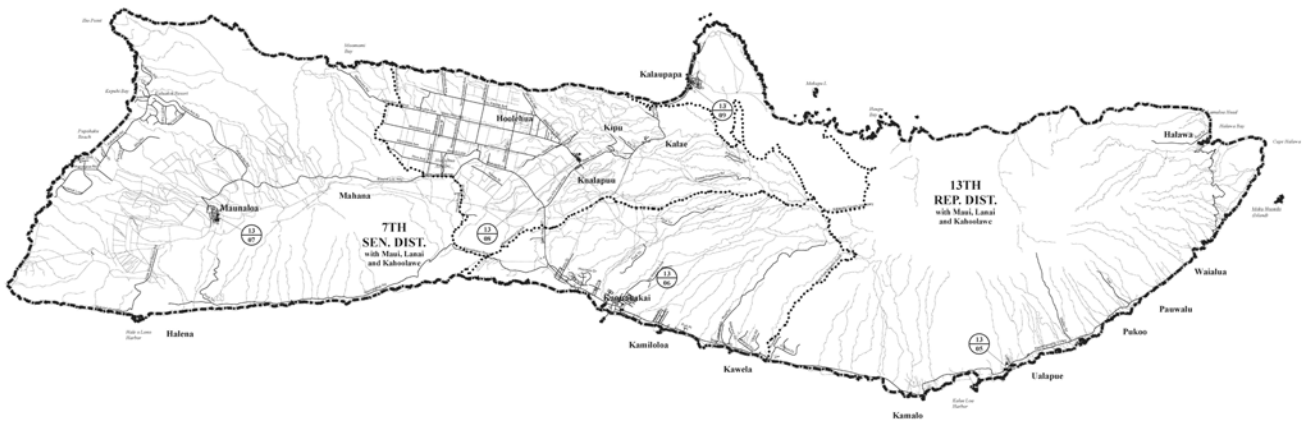
Important sources on statistics on government include: Government in Hawai'i; Revenue Trends (monthly tax collection reports), Hawai'i State Department of Taxation; State of Hawai'i Data Book, and Hawai'i State Department of Business, Economic Development and Tourism.

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 <https://www.census.gov/>. The State of Hawai'i does not report on its spending by county.







4.1.2

MAP OF ELECTION DISTRICTS

Island of Moloka'i



LEGEND

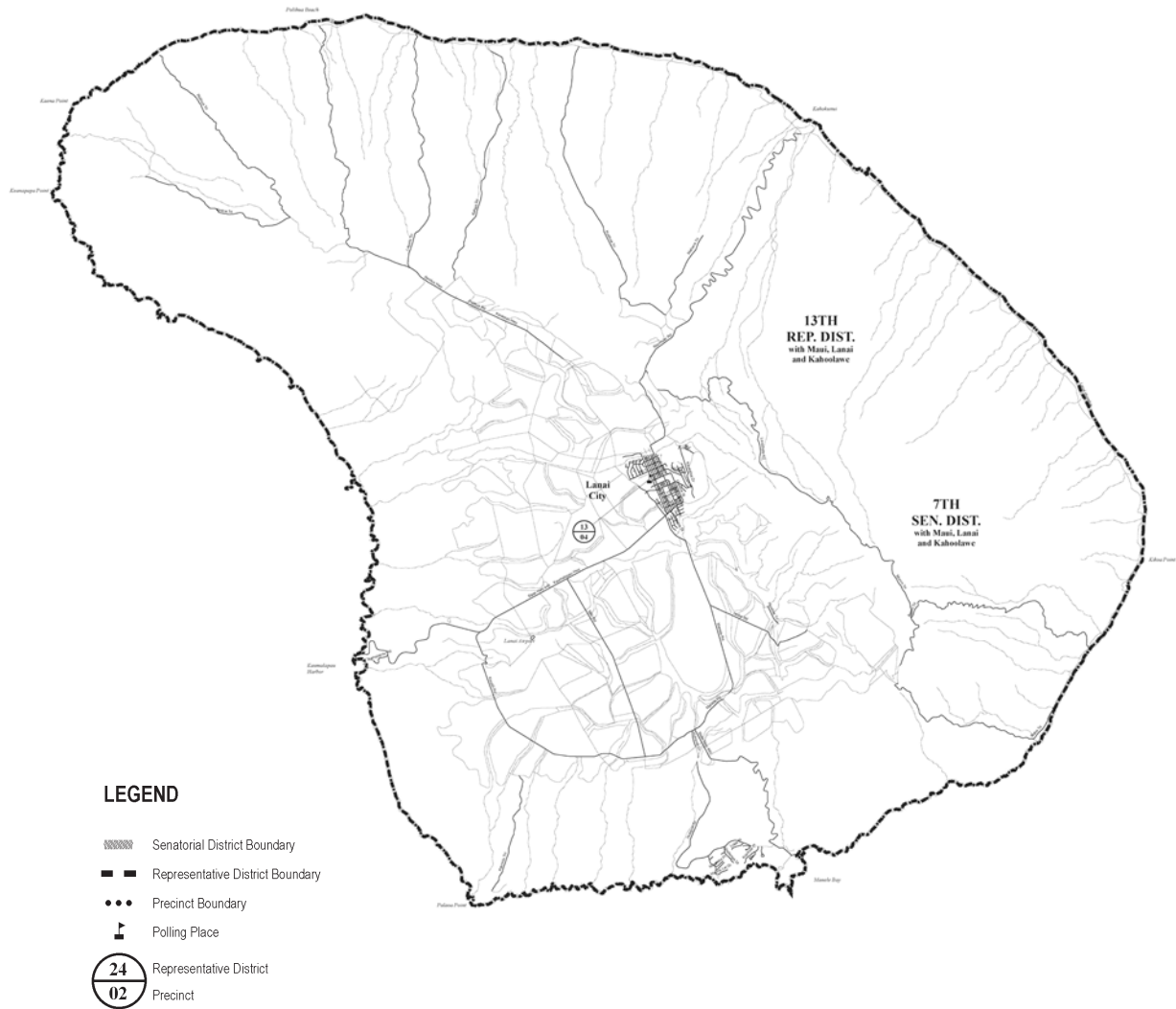
-  Senatorial District Boundary
-  Representative District Boundary
-  Precinct Boundary
-  Polling Place
-  Representative District
-  Precinct

SOURCE: STATE OF HAWAII, OFFICE OF ELECTIONS, JULY 2019.

4.1.3

MAP OF ELECTION DISTRICTS

Island of Lānaʻi



SOURCE: STATE OF HAWAII, OFFICE OF ELECTIONS, JULY 2019.

4.1.4

LIST OF POLLING PLACES

8th Representative District

Kahakuloa, Waihe‘e, Waiehu, Wailuku, Kahului

1. Vote by Mail Precinct
2. Vote by Mail Precinct
3. Vote by Mail Precinct
4. Vote by Mail Precinct
5. Vote by Mail Precinct
6. Vote by Mail Precinct
7. Vote by Mail Precinct

9th Representative District

Wailuku, Pu‘unēnē, Kahului

1. Vote by Mail Precinct
2. Vote by Mail Precinct
3. Vote by Mail Precinct
4. Vote by Mail Precinct

10th Representative District

Lahaina, Kā‘anapali, Kapalua

1. Vote by Mail Precinct
2. Vote by Mail Precinct
3. Vote by Mail Precinct
4. Vote by Mail Precinct
5. Vote by Mail Precinct

11th Representative District

Kīhei, Maui Meadows, Wailea, Mākena

1. Vote by Mail Precinct
2. Vote by Mail Precinct
3. Vote by Mail Precinct
4. Vote by Mail Precinct

12th Representative District

Hāli‘imaile, Makawao, Pukalani, Kula, ‘Ulupalakua

1. Vote by Mail Precinct
2. Vote by Mail Precinct
3. Vote by Mail Precinct
4. Vote by Mail Precinct
5. Vote by Mail Precinct
6. Vote by Mail Precinct

13th Representative District

Pā‘ia, Ha‘ikū, Ke‘anae, Hāna

1. Vote by Mail Precinct
2. Vote by Mail Precinct
3. Vote by Mail Precinct

Island of Lāna‘i

4. Vote by Mail Precinct

Island of Moloka‘i

5. Vote by Mail Precinct
6. Vote by Mail Precinct
7. Vote by Mail Precinct
8. Vote by Mail Precinct
9. Vote by Mail Precinct

Note: Hawai‘i votes by mail. Beginning with the 2020 Elections, all voters will automatically receive a ballot in the mail and no traditional polling places will be established.

SOURCE: STATE OF HAWAI‘I, OFFICE OF ELECTIONS.

4.2.1

**REGISTERED VOTERS AND VOTES CAST
NOVEMBER 3, 2020 GENERAL ELECTION**

District	Registered Voters	Mail Turnout	In Person Turnout %	District	Registered Voters	Mail Turnout	In Person Turnout %
8-1	2,328	1,483	63.7%	12-1	3,886	2,519	64.8%
8-2	4,024	2,387	59.3%	12-2	2,495	1,607	64.4%
8-3	1,894	1,107	58.4%	12-3	3,440	2,387	69.4%
8-4	2,471	1,424	57.6%	12-4	3,809	2,572	67.5%
8-5	5,406	3,902	72.2%	12-5	5,862	4,163	71.0%
8-6	2,255	1,528	67.8%	12-6	297	207	69.7%
8-7	1,492	913	61.2%				
9-1	4,596	2,881	62.7%	13-1	2,059	1,243	60.4%
9-2	4,292	2,699	62.9%	13-2	8,073	5,067	62.8%
9-3	2,742	1,628	59.4%	13-3	1,581	1,008	63.8%
9-4	3,078	1,715	55.7%	13-4	2,005	1,114	55.6%
				13-5	715	459	64.2%
10-1	1,952	1,139	58.4%	13-6	2,169	1,311	60.4%
10-2	2,791	1,568	56.2%	13-7	443	244	55.1%
10-3	3,025	1,655	54.7%	13-8	1,313	811	61.8%
10-4	2,167	1,243	57.4%	13-9	35	24	68.6%
10-5	6,750	4,054	60.1%				
11-1	4,065	2,388	58.7%				
11-2	5,057	3,180	62.9%				
11-3	4,441	2,671	60.1%				
11-4	4,922	2,795	56.8%				

SOURCE: STATE OF HAWAII, OFFICE OF ELECTIONS.

4.2.2

**GENERAL ELECTION RESULTS
MAUI COUNTY, NOVEMBER 3, 2020**

	Votes	%		Votes	%
President and Vice President			Councilmember (East Maui)		
D) Biden / Harris	47,305	66.0%	Sinenci, Shane	32,995	46.1%
R) Trump / Pence	22,126	30.9%	Carroll, Claire Kamalu	26,245	36.6%
L) Jorgensen / Cohen	772	1.1%	Blank Votes	12,363	17.3%
G) Hawkins / Walker	585	0.8%	Councilmember (West Maui)		
AS) Pierce / Ballard	145	0.2%	Paltin, Tamara Akiko Maile	33,696	47.0%
C) Blankenship / Mohr	111	0.2%	Nava, Rick	26,592	37.1%
Blank Votes	555	0.8%	Blank Votes	11,323	15.8%
U.S. Representative, Dist. 2			Councilmember (Wailuku, Waihe'e, Waikapū)		
D) Kahele, Kaiiali'i (Kai)	42,140	58.8%	Lee, Alice L.	48,020	67.0%
R) Akana, Joe	19,120	26.7%	Blank Votes	23,609	33.0%
L) Tippens, Michelle Rose	1,551	2.2%	Councilmember (Kahului)		
A) Hoomanawanui, Jonathan	1,468	2.0%	Kama, Tasha	30,029	41.9%
N) Burrus, Ron	624	0.9%	Kamekona, Carol Lee	27,641	38.6%
AS) Giuffre, John (Raghu)	164	0.2%	Blank Votes	13,935	19.5%
Blank Votes	6,523	9.1%	Councilmember (South Maui)		
State Senator, Dist. 5			King, Kelly Takaya	34,155	47.7%
D) Keith-Agaran, Gil S. Coloma	13,891	60.1%	Cook, Tom	25,506	35.6%
R) Kajiwara-Gusman, Christy	6,683	28.9%	Blank Votes	11,954	16.7%
A) Keen, Rynette Ipo	1,028	4.5%	Councilmember (Makawao, Ha'ikū, Pā'ia)		
Blank Votes	1,490	6.4%	Molina, Mike	41,233	57.6%
State Senator, Dist. 9			Eyre, Aja	18,459	25.8%
D) Woodson, Justin H.	7,019	74.0%	Blank Votes	11,916	16.6%
A) Chrupalyk, Kahala Jen	1,383	14.6%	Councilmember (Upcountry)		
Blank Votes	1,083	11.4%	Sugimura, Yuki Lei Kashiwa	48,268	67.4%
State Representative, Dist. 10			Blank Votes	23,361	32.6%
D) McKelvey, Angus	5,837	56.2%	Councilmember (Lāna'i)		
R) Balinbin, Kanamu	3,163	30.5%	Johnson, Gabe	32,100	44.8%
A) Gylstrand, Travis D.E.	606	5.8%	De Jetley, Alberta	24,492	34.2%
Blank Votes	768	7.4%	Blank Votes	15,025	21.0%
State Representative, Dist. 11			Councilmember (Moloka'i)		
D) Wildberger, Tina M.L.	7,661	64.0%	Rawlins-Fernandez, Keani	31,713	44.3%
A) Greenberg, Howard E.	2,668	22.3%	Crivello, Stacy Helm	26,341	36.8%
Blank Votes	1,644	13.7%	Blank Votes	13,557	18.9%
State Representative, Dist. 13					
D) Decoite, Lynn P.	7,718	64.1%			
A) Kapaku, Theresa	2,000	16.6%			
R) Vanderpool, Robin	1,583	13.1%			
Blank Votes	742	6.2%			

SOURCE: HAWAII STATE OFFICE OF ELECTIONS.

4.2.3

GENERAL ELECTION RESULTS OFFICE OF HAWAIIAN AFFAIRS TRUSTEES MAUI COUNTY, NOVEMBER 3, 2020

Office of Hawaiian Affairs

	Votes	Percent
At Large Trustee		
Souza, Keoni	27,333	38.1%
Akina, Keli'i	21,963	30.7%
Blank Votes	22,334	31.2%
Hawai'i Resident Trustee		
Lindsey, Keola	28,448	39.7%
Mangauil, Lanakila	20,389	28.5%
Blank Votes	22,795	31.8%
Moloka'i Resident Trustee		
Machado, Colette (Piipii)	24,655	34.4%
Alapa, Luana	23,486	32.8%
Blank Votes	23,492	32.8%

SOURCE: HAWAII STATE OFFICE OF ELECTIONS.

4.2.4

**GENERAL ELECTION RESULTS
MAUI COUNTY CHARTER AMENDMENTS
NOVEMBER 3, 2020**

Ballot Text Summaries and Results

Require that a minimum percentage of the real property tax revenues be appropriated into an Affordable Housing Fund?

Yes	37,579	52.5%
No	29,086	40.6%
Blank Votes	4,915	6.9%

Authorize the Council to appoint nine members and the Mayor to appoint two members of the 11-member Charter Commission?

Yes	34,868	48.7%
No	28,753	40.1%
Blank Votes	7,983	11.1%

Establish an Office of the Managing Director?

Yes	27,634	38.6%
No	37,653	52.6%
Blank Votes	6,314	8.8%

Establish Term Limits for Mayor?

Yes	47,277	66.0%
No	19,979	27.9%
Blank Votes	4,345	6.1%

Establish Term Limits for Council Members?

Yes	48,967	68.4%
No	18,260	25.5%
Blank Votes	4,371	6.1%

Establish a Department of Agriculture?

Yes	43,656	60.9%
No	23,515	32.8%
Blank Votes	4,413	6.2%

Establish Standards for Charter Interpretation?

Yes	39,588	55.3%
No	23,485	32.8%
Blank Votes	8,524	11.9%

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

	2017	2018	2019	2020
Revenues				
Taxes	303,701	342,520	353,226	389,890
Licenses and Permits	32,032	36,116	37,281	37,915
Intergovernmental Revenues	70,996	61,917	81,101	75,430
Charges for Services	76,902	82,657	92,115	94,412
Fines and Forfeitures	2,226	2,379	2,606	3,031
Interest and investment earnings, net	3,120	(44)	13,305	12,347
Other	6,042	10,999	8,545	6,598
Assessments	1,742	1,249	2,339	2,355
Total Revenues	496,762	537,793	590,519	621,979
Expenditures				
General Government	126,512	132,343	143,301	162,918
Public Safety	99,701	103,913	106,070	107,890
Highways and Streets	40,032	40,898	46,114	47,833
Sanitation	54,842	58,256	58,567	61,627
Social Welfare	57,126	46,012	58,013	64,246
Culture and Recreation	38,325	29,505	28,510	31,182
Legislative	6,523	6,796	7,443	6,941
Capital Outlay	48,112	87,052	118,260	100,948
Debt Service: Principal	26,150	25,686	25,507	31,568
Interest	9,174	8,277	9,744	10,856
Total Expenditures	506,496	538,739	601,527	626,010
Excess (Deficiency) of Revenues over Expenditures	(9,735)	(945)	(11,009)	(4,031)

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	2019	2020
Retailing	218,682,283	218,041,374	172,197,331
Services	85,286,149	88,111,229	71,553,127
Contracting	50,664,314	46,362,158	49,225,318
Theater, Amusement, Radio, etc.	2,937,934	2,231,215	1,115,039
Interest and All Others	23,576,293	22,520,537	11,143,600
Commissions	8,080,155	7,393,828	6,002,094
Hotel Rentals	66,336,598	68,703,475	26,121,259
All Other Rentals	45,574,641	45,258,275	33,848,280
Use (4%)	6,110,354	5,836,169	3,732,536
Sub-Total	507,248,721	504,458,259	374,938,581
Insurance Solicitors	44,696	42,133	41,282
Producing	79,520	78,950	81,009
Manufacturing	333,965	230,619	280,363
Wholesaling	9,554,321	9,154,609	7,325,983
Services (Intermediary)	546,787	637,058	441,878
Use (1/2%)	3,987,624	4,430,500	3,544,204
Sub-Total	14,546,915	14,573,873	11,714,717
Grand Total	\$521,795,636	\$519,032,133	\$386,653,299

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 2020-2021

Assessor's gross valuation	62,345,748
Exemptions	7,066,757
Assessor's net taxable valuation	55,278,992
Half of valuation on appeal	52,000
Number of appeals	1,096
Valuation for tax rate purposes	54,758,991
Amount to be raised by taxation	373,731

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 2020-2021
Agricultural	5.94
Apartment	5.55
Commercialized Residential	4.40
Commercial Tier 1: up to \$800,000	6.29
Commercial Tier 2: \$800,001 to \$1,500,000	6.29
Commercial Tier 3: more than \$1,500,000	6.29
Conservation	6.43
Hotel and Resort	10.70
Industrial	7.20
Non Owner-Occupied Tier 1: up to \$800,000	5.45
Non Owner-Occupied Tier 2: \$800,001 to \$1,500,000	6.05
Non Owner-Occupied Tier 3: more than \$1,500,000	6.90
Owner-Occupied Tier 1: up to \$800,000	2.51
Owner-Occupied Tier 2: \$800,001 to \$1,500,000	2.56
Owner-Occupied Tier 3: more than \$1,500,000	2.61
Short-Term Rental Tier 1: up to \$800,000	11.08
Short-Term Rental Tier 2: \$800,001 to \$1,500,000	11.08
Short-Term Rental Tier 3: more than \$1,500,000	11.08
Time Share	14.40

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
2019	287,324	132,919	420,238
2020	254,801	143,838	398,639

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

4.4

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

	2018	2019	2020	2021
Corporation Counsel	37.5	37.5	37.5	37.5
Emergency Management Agency ¹	6.8	6.0	7.0	9.0
Environmental Management				
General	5.0	5.0	5.0	5.0
Wastewater	118.0	120.0	122.0	122.0
Solid Waste	99.0	99.0	107.0	107.0
Finance	145.5	147.5	159.5	156.5
Fire & Public Safety	370.0	372.0	388.0	389.0
Housing & Human Concerns	87.5	81.5	84.0	88.0
Liquor Control	25.0	25.0	25.0	25.0
Management	56.0	60.5	62.0	68.0
Parks and Recreation				
General	390.3	396.8	435.2	431.4
Golf	19.4	20.9	0.0	0.0
Personnel Services	18.0	18.0	18.0	20.0
Planning	64.0	67.0	69.5	75.5
Police	522.2	530.2	541.5	550.0
Prosecuting Attorney	73.0	75.0	78.5	82.5
Public Works				
General	115.0	124.0	119.0	124.3
Highways	146.0	145.0	156.0	159.0
Transportation	6.0	6.0	6.0	6.0
Water Supply	220.0	220.0	223.0	224.0

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 2020-2021

Type of Exemption	Number	Amount (\$1,000)
Childcare	13	623
Credit Unions	19	25,111
Homes - Fee (Basic)	21,698	4,310,913
Homes - Leasehold (Basic)	367	72,559
Homes - Fee (Multiple)	3,489	691,064
Homes - Leasehold (Multiple)	204	40,513
Totally Disabled Veterans	341	200,433
Blind	20	500
Totally Disabled	351	8,550
Deaf	5	75
Federal Government	80	44,559
State Government	1,223	1,759,108
County Government	580	640,954
Hawaiian Homes Commission	471	45,020
Hawaiian Homes - 7 year	51	13,064
Government Leases - Portion	60	38,697
Government Leases - Total	80	89,995
Hawaiian Homes Land - Basic	807	144,051
Hawaiian Homes Land - Multiple	101	17,103
Hawaiian Homes Land	1,448	146
Historic Residential Properties	5	14,123
Hawn Homes Land - Vacant Land	292	30
Kuleana	49	27,398
Remnant	11	5
Churches	254	415,344
Forest Reserve	3	7
Cemeteries	8	1,589
Hospitals	13	219,964
Low-Moderate Income Housing	48	242,471
Miscellaneous	3	178
Charitable Organizations	270	386,596
Roadways and Waterways	1,750	7,465
Schools	17	187,392
Public Utilities	79	89,364
Taro	31	444
Total	34,241	9,735,408

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, 2020

Source of Revenue	Gallons	State Tax	County Fuel Tax	Total Tax
Gasoline	61,367,317	\$9,811,609	\$14,103,502	\$23,915,111
Diesel oil (non-hwy)	52,245,570	522,456	0	522,456
Diesel oil (hwy)	5,374,183	859,869	1,236,062	2,095,931
Liquid petro. gas (hwy)	105	5	12	18
Small boat (gasoline)	92,476	14,796	21,269	36,066
Small boat (diesel oil)	0	0	0	0
Aviation fuel	76,710,745	767,107	0	767,107
Other fuel	242,113	9,685	-3	9,681
Subtotal	196,032,509	11,985,528	15,360,842	27,346,370
Environmental Tax	4,884,601	5,128,831	0	5,128,831
Total		17,114,358	15,360,842	32,475,200

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

4.5.3

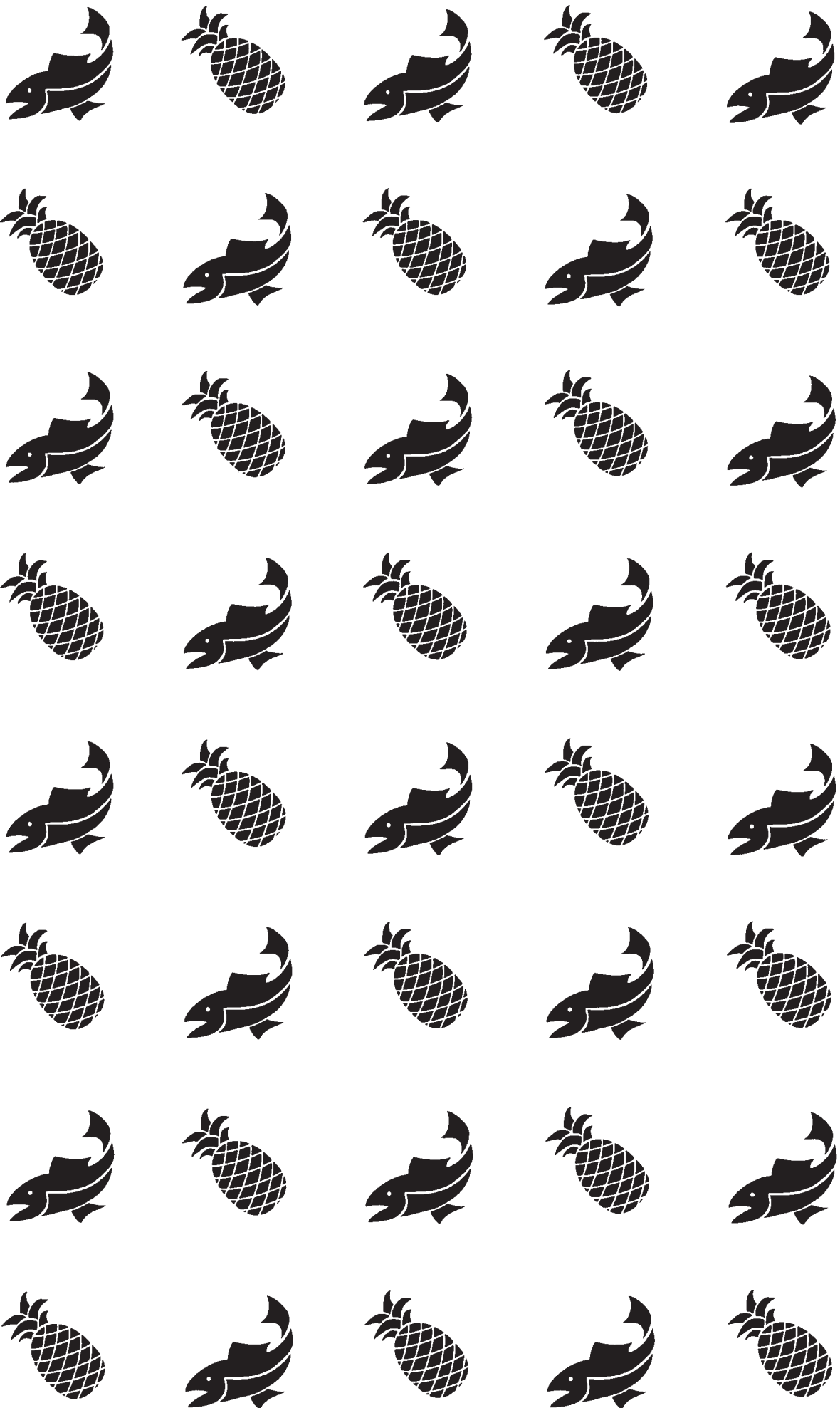
LIQUID FUEL TAX ALLOCATION BY FUND MAUI COUNTY

Fiscal year ending June 30, 2020

	Amount	Total Tax
State Highway Special Fund	\$11,106,236	
State Airports Special Fund	767,107	
State Boating Special Fund	265,793	12,139,136
County Fuel Tax:		
Lāna'i	226,462	
Moloka'i	0	
Maui	14,980,771	15,207,233
Environmental Response Fund	244,230	
Energy Security Fund	244,230	
Energy Development Fund	488,460	
Agricultural Development Fund	732,690	
General Fund	3,419,221	5,128,831
Grand Total		\$32,475,200

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.

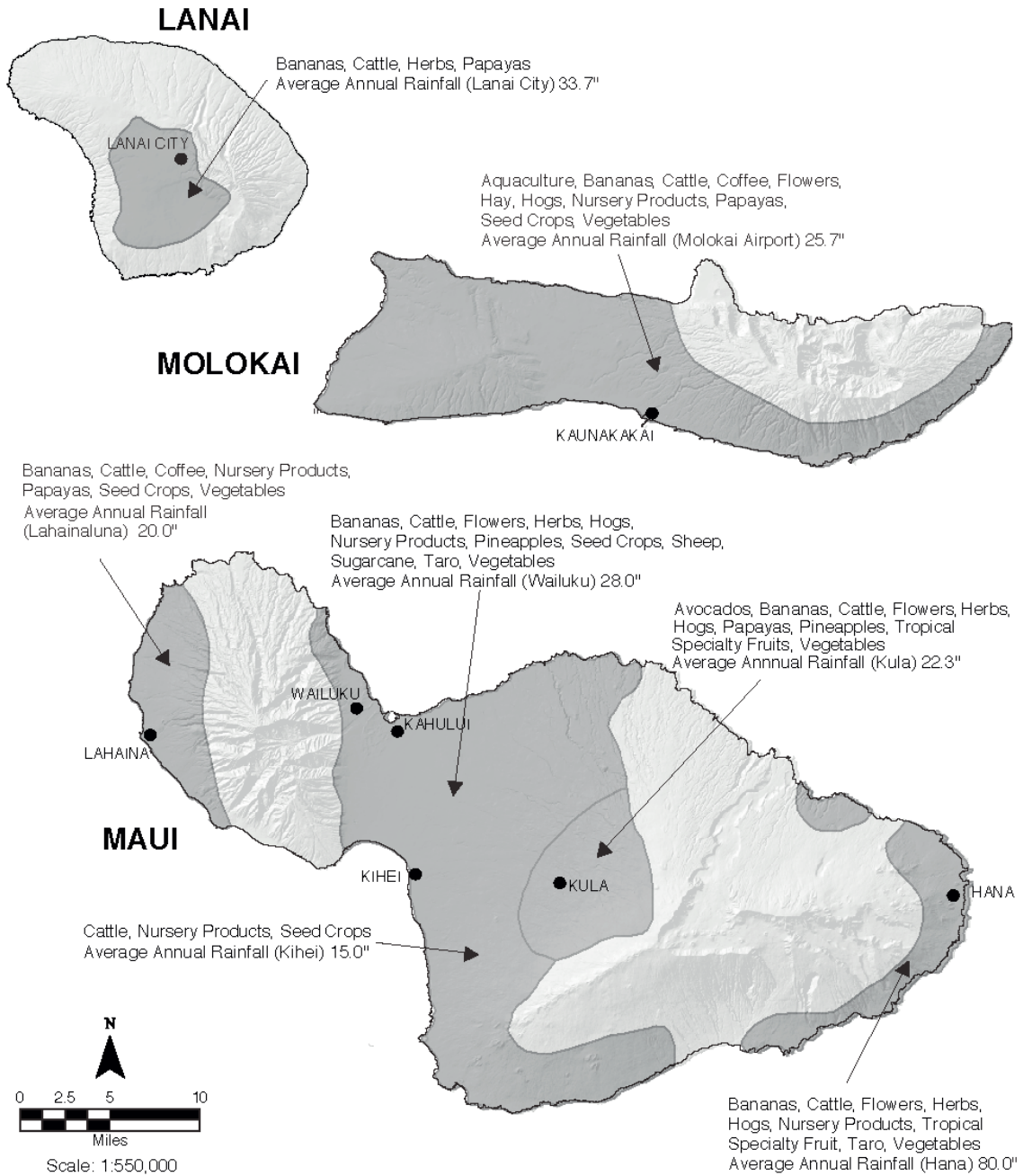
Maui's last sugar plantation closed in 2016 and therefore data on sugarcane has been discontinued. Coffee production in the state is now featured.

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)
2017-2018	7.2	3.530	25,416	824
2018-2019	7.1	3.845	27,300	900
2019-2020	6.9	3.952	27,270	390
2020-2021	6.9	3.999	27,590	1,100

Basis	Utilized Production	Price per Pound	Value of Utilized Production
	(1,000 pounds)	(\$)	(\$1,000)
Cherry			
2017-2018	24,592	1.78	43,774
2018-2019	26,400	1.90	50,160
2019-2020	26,880	2.02	54,298
2020-2021	26,490	2.11	55,894
Parchment			
2017-2018	6,050	11.10	67,155
2018-2019	6,850	13.40	91,790
2019-2020	6,400	14.10	90,240
2020-2021	6,550	11.70	76,635
Green			
2017-2018	4,840	17.20	83,248
2018-2019	5,480	19.40	106,312
2019-2020	5,120	20.10	102,912
2020-2021	5,240	18.70	97,988

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

	2015	2016	2017	2018	2019
Fishing Method					
Aku Pole & Line	*	*	*	*	*
Longline	32,635,674	30,261,327	32,551,651	30,798,457	30,098,067
Deep Bottom Handline	397,245	401,774	472,177	283,624	301,378
Tuna Handline	1,711,745	1,166,568	1,302,119	1,201,310	1,210,071
Trolling	3,016,724	2,540,086	2,196,628	2,725,553	2,488,466
All Other	1,233,685	1,088,829	856,254	804,234	799,822
Total	38,995,073	35,458,584	37,378,829	35,813,178	34,897,804
Species Group					
Tunas	24,514,890	23,538,751	25,088,163	23,921,389	23,247,875
Bill & Swordfish	5,916,944	4,935,545	5,973,798	5,098,893	5,434,048
Misc. Pelagic	6,941,202	5,446,791	4,946,465	5,651,760	5,082,805
Deep Bottomfish	398,148	426,192	476,032	302,152	322,169
Akule/'Ōpelu	635,832	597,625	412,851	387,440	370,084
Inshore	303,934	256,712	245,543	241,785	237,298
All Other	284,123	256,967	235,978	209,759	203,524
Total	38,995,073	35,458,584	37,378,829	35,813,178	34,897,804

* 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	2015	2016	2017	2018	2019
Maui County	806,170	775,086	653,759	664,735	642,050
Maui	763,398	740,223	623,590	631,107	619,384
Moloka'i	35,902	26,088	21,663	21,488	15,713
Lāna'i	6,870	8,775	8,506	12,141	6,953
O'ahu	34,504,303	31,969,413	33,870,735	32,133,873	31,388,301
Hawai'i	2,909,455	2,009,945	2,218,973	2,285,210	2,207,788
Kaua'i and Ni'ihau	775,145	704,139	635,363	729,360	659,665
Total	38,995,073	35,458,584	37,378,829	35,813,178	34,897,804

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	2015	2016	2017	2018	2019
Kawai (Moloka'i Channel)	16,283	14,649	18,251	12,926	19,236
Penguin Bank	112,043	107,115	128,834	82,003	96,107
Kealaikahiki Channel	62,602	66,483	57,912	78,980	69,909
'Alenuihāhā Channel	113,565	113,718	98,191	86,993	77,348
'Au'au, Kalohi & Pailolo Channels	34,498	29,462	36,009	25,424	17,226
'Alalākeiki Channel	64,541	63,530	85,344	79,876	57,806
Moloka'i	22,061	24,108	39,219	15,417	13,958
Lāna'i	63,824	58,677	48,203	76,996	58,862
Kaho'olawe	4,020	4,168	22,685	7,265	16,413
Mākena - Hāna	26,348	18,377	22,533	16,202	19,497
Hāna - Kahului	265,400	127,431	157,055	234,108	177,217
Honolua - Lahaina	5,227	15,278	7,728	2,650	2,002
Lahaina - Mākena	54,979	151,356	56,926	44,439	42,564

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 60,000 tons of cargo and mail passing through Kahului Airport and about 3,694,000 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 CIRCULATION OF NEWSPAPERS 2019

Newspaper	Frequency	Average Circulation
Honolulu Star-Advertiser	Daily	147,959
Maui News (Wailuku)	Daily	*13,775
Hawai'i Tribune-Herald (Hilo)	Daily	11,924
Garden Island (Lihue)	Daily	7,510
West Hawai'i Today (Kailua-Kona)	Daily	6,277
USA Today Hawaii Edition	Daily	4,963
Honolulu Star-Advertiser	Sunday	162,687
Maui News (Wailuku)	Sunday	*15,565
Hawai'i Tribune-Herald (Hilo)	Sunday	12,937
West Hawai'i Today (Kailua-Kona)	Sunday	7,332
Garden Island (Lihue)	Sunday	7,221

* Alliance for Audited Media Report, 24 Months Ending March 31, 2017.

SOURCE: HONOLULU STAR-ADVERTISER, ALLIANCE FOR AUDITED MEDIA.

6.1.2

AVERAGE DISTRIBUTION OF OTHER NEWSPAPERS MAUI COUNTY

Free Circulation	Frequency	Number Distributed
Maui Time	Weekly	18,000
Lahaina News	Weekly	8,000
The Moloka'i Dispatch	Weekly	3,800
Lāna'i Today	Monthly	2,700

SOURCE: MAUI TIME, LAHAINA NEWS, THE MOLOKA'I DISPATCH, LĀNA'I TODAY.

6.1.3

COMPUTERS AND INTERNET BY COUNTY

2019	Maui	Hawai'i	Honolulu	Kaua'i	State
Total Households	54,744	71,193	316,456	22,898	465,299
Types of computing devices					
Has one or more types of computer	49,732	64,872	296,525	21,521	432,658
Desktop or laptop	41,760	53,655	253,692	17,673	366,788
Desktop or laptop only	1,545	3,247	10,440	657	15,889
Smartphone	46,430	60,092	279,802	20,358	406,690
Smartphone only	4,550	6,261	26,283	1,993	39,087
Tablet	33,023	47,332	213,368	14,565	308,296
Tablet only	516	325	2,185	100	3,126
Other computer	934	1,860	6,615	702	10,111
Other computer only	0	0	0	0	0
No computer	5,012	6,321	19,931	1,377	32,641
Internet					
With an Internet subscription	45,739	60,655	282,885	21,012	410,299
Cellular data plan only	4,345	7,719	30,361	2,837	45,262
Without an Internet subscription	9,005	10,538	33,571	1,886	55,000

SOURCE: U.S. CENSUS BUREAU, 2019 AMERICAN COMMUNITY SURVEY 1-YEAR ESTIMATES.

6.1.4

RADIO AND TELEVISION BROADCASTING STATIONS IN OPERATION, MAUI COUNTY, 2020

Commercial	Maui County	State Total
AM	12	39
FM	12	56
TV ¹	5	23
Public or Educational		
AM	0	0
FM	8	21
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	2018	2019	2020
Honoapi'ilani Hwy near Keanu St	30	0.50	13,800	14,100	11,200
Honoapi'ilani Hwy near Ukumehame Park	30	12.14	27,900	28,600	17,200
Honoapi'ilani Hwy south of Kā'anapali Pkwy	30	23.58	43,700	44,800	25,300
Honoapi'ilani Hwy south of Maiha St	30	29.57	8,100	8,500	6,000
Pi'ilani Hwy north of Wailea Ike Drive	31	6.97	36,300	35,400	22,600
Hāna Hwy near Central Power Plant Rd	36	1.70	37,700	39,000	30,500
Hāna Hwy near Baldwin Park	36	6.28	19,200	20,000	15,200
Hāna Hwy near Ho'okipa Park	36	8.72	13,300	13,900	11,200
Keolani Pl near Palapala Dr	36A	0.51	8,500	6,300	2,900
Haleakalā Hwy near North Firebreak Rd	37	0.60	32,900	33,100	26,600
Haleakalā Hwy west of Old Haleakalā Hwy	37	5.22	29,700	30,000	24,200
North Kīhei Hwy near 9th St	310	0.86	17,300	17,900	11,900
Mokulele Hwy near Nāki'i Rd	311	2.38	34,900	35,200	25,800
Kahekili Hwy south of Akaku'u St	340	0.55	6,800	6,800	5,900
Kekaulike Av north of Wahelani Rd	377	7.38	1,100	1,100	920
Kūihelani Hwy near Mauilani Pkwy	380	1.52	26,700	27,000	20,000
Kahului Airport Access Rd west of Hāna Hwy intersection	3800	0.78	16,900	18,400	11,100
Kaumalapau Hwy west of Miki Rd	440	4.07	830	990	1,100

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	
	2019	2020	2019	2020	2019	2020	2019	2020
Hā'iku	51	32	138	114	26	14	3	2
Hāli'imaile	4	3	7	19	2	0	0	0
Hāna	38	20	102	38	6	3	1	1
Hoolehua	6	8	14	6	2	1	0	0
Ka'anapali	30	11	95	38	97	23	1	2
Kahului	232	167	912	529	453	246	7	9
Kalaupapa	0	0	3	0	1	0	0	0
Kapalua	11	5	16	9	10	7	1	1
Kaunakakai	25	21	48	39	13	8	2	1
Kīhei	148	95	467	248	274	127	7	5
Kualapu'u	1	0	0	1	0	0	0	0
Kula	53	33	100	66	18	5	0	0
Lahaina	135	84	431	201	163	71	4	4
Lāna'i	10	6	36	23	6	6	0	0
Ma'alaea	33	17	62	31	14	6	1	0
Makawao	49	32	109	75	23	16	3	0
Mauna Loa	1	0	1	5	0	2	0	0
Nāpili	26	19	88	31	89	35	3	1
Pā'ia	28	26	122	69	34	17	0	0
Pukalani	28	16	79	59	50	22	1	0
Pūko'o	0	0	1	1	0	1	0	0
Spreckelsville	5	5	10	9	3	0	0	0
Waiehu	7	7	43	26	11	3	0	0
Waihe'e	9	7	18	9	3	1	0	0
Waikapu	8	4	33	21	6	1	0	0
Wailea	36	21	86	54	74	19	2	0
Wailuku	101	86	646	327	194	90	2	5
Total	1,075	725	3,667	2,048	1,572	724	38	31

Note: Data is missing for the last 3 weeks of December 2020.

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**

2020	Price per Gallon	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Wailuku	Regular	3.839	3.785	3.688	3.536	3.432	3.446	3.487	3.486	3.486	3.512	3.510	3.500
	Mid Grade	4.023	3.975	3.894	3.774	3.674	3.671	3.704	3.707	3.718	3.703	3.660	3.697
	Premium	4.164	4.102	4.017	3.869	3.776	3.758	3.843	3.860	3.854	3.858	3.821	3.880
	Diesel Prices	4.268	4.188	4.132	3.972	3.912	3.932	3.978	4.005	3.996	3.971	4.011	4.033
Hilo	Regular	3.766	3.737	3.633	3.467	3.437	3.448	3.480	3.477	3.483	3.490	3.480	3.490
	Mid Grade	3.953	3.925	3.829	3.644	3.605	3.642	3.695	3.677	3.678	3.687	3.675	3.685
	Premium	4.189	4.179	4.084	3.923	3.902	3.929	3.963	3.956	3.952	3.952	3.944	3.948
	Diesel Prices	4.313	4.288	4.232	4.097	4.035	4.067	4.073	4.078	4.113	4.120	4.117	4.130
O'ahu	Regular	3.530	3.462	3.356	3.093	2.998	3.013	3.055	3.057	3.063	3.075	3.073	3.102
	Mid Grade	3.757	3.698	3.592	3.356	3.242	3.260	3.317	3.318	3.317	3.332	3.334	3.356
	Premium	3.966	3.900	3.790	3.564	3.457	3.493	3.543	3.553	3.556	3.576	3.577	3.596
	Diesel Prices	4.203	4.166	4.120	4.015	4.004	4.005	4.022	4.022	4.017	4.028	4.040	4.038
Kaua'i	Regular	3.877	3.860	3.771	3.560	3.517	3.530	3.561	3.595	3.594	3.605	3.602	3.618
	Mid Grade	4.108	4.087	4.054	3.848	3.779	3.811	3.828	3.837	3.843	3.857	3.849	3.851
	Premium	4.217	4.201	4.088	3.821	3.790	3.847	3.880	3.871	3.906	3.942	3.918	3.912
	Diesel Prices	4.314	4.324	4.304	4.245	4.152	4.140	4.241	4.247	4.263	4.268	4.254	4.268

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, 2020.

6.2.5

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

	2014	2015	2016	2017	2018	2019
Driver's Licenses in Force	111,664	114,569	118,852	120,703	121,448	122,140
All Vehicles	186,519	179,937	181,601	184,773	186,268	190,710
Motor Vehicles	182,467	176,034	177,680	180,802	182,327	186,886
Passenger vehicles ¹	144,683	138,937	139,856	141,425	143,310	148,660
Ambulances	17	21	23	21	19	19
Buses	192	188	192	161	163	168
Trucks ¹	32,587	32,489	33,173	33,570	32,959	32,302
Truck tractors	80	79	82	82	82	87
Truck cranes	76	85	86	89	91	103
Motorcycles, motorscooters ²	4,832	4,235	4,268	5,454	5,703	5,547
Trailers and semi-trailers	4,052	3,903	3,921	3,971	3,941	3,824

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, 2019**

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: HAWAI'I STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION.

6.2.7

**LENGTH OF STREETS AND HIGHWAYS, PAVED AND UNPAVED
BY ISLAND, DECEMBER 31, 2019**

Island	Total Mileage	Paved		Unpaved
		Freeways	Other	
State Total	4,498.69	88.49	4,236.39	173.81
Hawai'i	1,507.98	-	1,447.98	60.00
Maui	658.30	-	601.20	57.10
Lāna'i	48.00	-	34.00	14.00
Moloka'i	136.32	-	124.32	12.00
O'ahu	1,702.83	88.49	1,606.12	8.22
Kaua'i	445.26	-	422.77	22.49

SOURCE: HAWAI'I 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				
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
2018	71,463	394	1,618.1	8,921
2019	73,895	398	1,655.8	8,912
State				
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
2018	544,658	430	11,417.6	9,011
2019	554,937	434	11,537.0	9,014

1. Includes gasoline, diesel oil, and butanol.

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, 2019

Taxation Status	State Total	Maui	Hawai'i	Honolulu	Kaua'i
Total Registered	1,308,344	190,710	218,487	809,128	90,019
Taxable Vehicles	1,213,182	188,654	215,641	720,058	88,829
Exempt Vehicles	95,162	2,056	2,846	89,070	1,190
Federal government	478	3	3	472	0
State government	8,095	2	14	8,079	0
County government	10,219	1,527	1,494	6,394	804
Fire department	425	78	154	86	107
Police department	1,836	136	419	1,242	39
Consulates	51	0	2	49	0
Disabled veterans	679	36	408	229	6
Military non-resident	67,410	62	43	67,153	152
Farm	199	22	64	112	1
Horseless carriage	51	0	0	45	6
National Guard	5,719	190	245	5,209	75

SOURCE: HAWAI'I STATE DEPARTMENT OF TRANSPORTATION, SAFE COMMUNITIES PROGRAM.

6.2.10

DRIVERS INVOLVED IN FATAL CRASHES AND BLOOD ALCOHOL CONCENTRATION (BAC) OF THE DRIVER, 2019

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	36	24	65	13	35	3	7	10	28
Honolulu	68	53	78	15	22	2	3	13	19
Kaua'i	14	10	68	5	32	0	1	4	31
Maui	28	17	60	11	40	4	13	8	27
State	146	103	70	43	30	9	6	35	24

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

	2015	2016	2017 ³	2018 ³	2019 ⁴
Major Traffic Accidents¹					
Honolulu	2,304	5,792	6,105	5,547	5,207
Hawai'i	491	1,453	1,335	1,160	1,130
Kaua'i	386	551	533	606	587
Maui	578	1,237	1,107	1,093	1,080
Fatal Accidents²					
Honolulu	48	55	46	60	49
Hawai'i	17	27	33	30	25
Kaua'i	3	8	3	5	8
Maui	17	19	14	15	20
Persons Injured					
Honolulu	2,021	3,536	3,401	4,221	3,990
Hawai'i	404	818	875	790	802
Kaua'i	284	321	361	377	353
Maui	636	1,144	1,046	1,041	1,066
Persons Killed²					
Honolulu	48	59	49	62	51
Hawai'i	21	32	35	32	25
Kaua'i	3	8	6	6	10
Maui	21	21	17	17	22

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 data.

4. Preliminary data.

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

6.2.12

AIRCRAFT OPERATIONS BY TYPE OF AIRCRAFT MAJOR STATE-OWNED AIRPORTS, 2020

Airport	Total Operations	Air Carrier	Air Taxi	General Aviation	Military
Honolulu International	186,985	96,211	44,831	33,952	11,991
Kahului	79,346	26,825	26,360	24,692	1,469
Kona International	92,849	17,320	8,278	61,056	6,195
Līhu'e	41,740	13,764	16,309	9,410	2,257
Hilo International	25,891	11,299	2,849	8,682	3,061
Moloka'i	26,354	3	20,566	4,724	1,061
Kalaeloa	177,991	0	13	158,025	19,953

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

	2013	2014	2015	2016	2017	2018	2019	2020
Kahului Airport								
All movements	128,303	128,612	134,674	136,654	147,386	149,031	158,961	79,346
Air carrier	45,018	49,994	51,988	52,768	55,292	52,930	56,277	26,825
Air taxi	61,623	60,132	65,356	63,743	72,084	73,433	78,342	26,360
General aviation	18,998	15,995	14,878	18,156	18,510	21,325	22,844	24,692
Military	2,664	2,491	2,452	1,987	1,500	1,343	1,498	1,469
Moloka'i Airport								
All movements	34,518	34,363	37,328	44,822	38,622	40,541	43,451	26,354
Air carrier	1,358	329	0	2	332	0	0	3
Air taxi	24,005	27,020	31,728	38,896	33,349	35,793	37,476	20,566
General aviation	6,041	5,168	4,180	4,546	4,034	3,860	4,587	4,724
Military	3,114	1,846	1,420	1,378	907	888	1,388	1,061

SOURCE: FOR 2013 TO 2015, HAWA'I STATE DEPARTMENT OF TRANSPORTATION, AIRPORTS DIVISION. FOR 2016 TO 2020, 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	2018		2019		2020	
	Outgoing	Incoming	Outgoing	Incoming	Outgoing	Incoming
Passengers¹						
Kahului						
Interisland	1,350,615	1,366,601	1,367,105	1,375,739	405,820	411,976
Overseas	2,274,252	2,282,982	2,487,712	2,474,592	690,005	666,318
Moloka'i	79,336	81,497	51,251	53,159	27,193	27,122
Lāna'i	41,996	41,381	48,535	48,868	15,901	15,423
Kapalua	46,574	47,569	34,102	31,422	5,642	5,577
Hāna	2,676	2,331	1,204	1,135	345	319
Kalaupapa	3,256	3,051	1,101	1,233	372	447
Cargo (U.S. tons)						
Kahului						
Interisland	8,174	27,176	13,231	22,613	14,317	18,177
Overseas	1,524	10,595	1,463	19,479	275	16,332
Moloka'i	48	231	35	169	71	253
Lāna'i	37	155	29	107	275	93
Kapalua	156	604	128	463	106	317
Hāna	-	-	-	-	-	-
Kalaupapa	-	-	-	-	-	-
Mail (U.S. tons)						
Kahului						
Interisland	1,590	4,838	916	5,124	1,066	5,080
Overseas	-	8	-	9	-	1
Moloka'i	-	-	-	-	-	-
Lāna'i	-	-	-	-	-	-
Kapalua	-	-	-	-	-	-
Hāna	-	-	-	-	-	-
Kalaupapa	-	-	-	-	-	-

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'S STATE DEPARTMENT OF TRANSPORTATION, AIRPORTS DIVISION.

6.2.15

VESSEL ARRIVALS FOR KAHULUI HARBOR

Foreign and domestic fishing craft

	2015	2016	2017	2018	2019
Total Inbound Vessels	1,364	802	688	752	677
By Type of Vessel					
Self propelled vessels					
Passenger and dry cargo	79	56	58	65	21
Tanker	3	13	13	13	11
Towboat or tugboat	559	289	164	126	90
Non-self propelled vessels					
Dry cargo	623	350	356	360	361
Tanker	100	94	97	188	194
By Draft					
Less than or equal 18 feet	875	592	486	569	522
More than 8 feet	489	210	202	183	155

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
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
2018	3,615	2,382	1,233
2019	3,694	2,484	1,210

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

2019	Total	Domestic Inbound	Domestic Outbound	Foreign Inbound
All Commodities	3,694	2,455	1,210	29
Total Petroleum and Petroleum Products	532	513	0	19
2211 Gasoline	103	103	0	0
2221 Kerosene	165	165	0	0
2330 Distillate fuel oil	171	171	0	0
2340 Residual fuel oil	61	61	0	0
2350 Lube oil & greases	0	0	0	0
2640 Hydrocarbon & petrol gases	32	13	0	19
Total Chemicals and Related Products	16	15	0	0
3190 Fertilizers & mixes NEC	3	3	0	0
3220 Alcohols	11	11	0	0
3299 Chemical products NEC	1	1	0	0
Total Crude Materials, Inedible (Except Fuels)	46	26	10	10
4189 Lumber	26	25	0	0
4225 Pulp & waste paper	6	0	6	0
4410 Iron ore	10	0	0	10
4420 Iron & steel scrap	4	1	3	0
Total Primary Manufactured Goods	49	45	4	0
5190 Paper products NEC	2	2	0	0
5220 Cement & concrete	37	37	0	0
5360 Iron & steel bars & shapes	1	1	0	0
5370 Iron & steel pipe & tube	2	2	0	0
5480 Fabricated metal products	4	1	3	0
5540 Primary wood products	2	2	0	0

CONTINUES ON THE NEXT PAGE

6.2.17

CONTINUED

	Total	Domestic Inbound	Domestic Outbound	Foreign Inbound
Total Food and Farm Products	141	134	7	0
6134 Fish (not shellfish)	3	3	0	0
6442 Rice	1	1	0	0
6654 Vegetables & products	14	14	0	0
6781 Hay & fodder	2	2	0	0
6782 Animal feed, prepared	5	5	0	0
6811 Meat, fresh, frozen	1	1	0	0
6839 Animals & products NEC	3	1	2	0
6885 Alcoholic beverages	30	28	2	0
6887 Groceries	10	8	2	0
6889 Food products NEC	67	66	2	0
6899 Farm products NEC	6	6	0	0
Total All Manufactured Equipment, Machinery	2,910	1,721	1,189	0
7110 Machinery (not electric)	3	2	1	0
7120 Electrical machinery	2	1	1	0
7210 Vehicles & parts	150	85	65	0
7230 Ships & boats	1	1	0	0
7400 Manufactured wood products	51	42	9	0
7600 Rubber & plastic products	0	0	0	0
7800 Empty containers	2,496	1,443	1,052	0
7900 Manufactured products NEC	207	147	61	0

NEC: Not elsewhere classified

Note: Totals may not add due to rounding.

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

6.2.18

**FREIGHT TRAFFIC BY COMMODITY
HISTORICAL, KAHULUI HARBOR**

In short tons

	2015	2016	2017	2018
All Commodities	3,719,568	3,858,000	3,671,000	3,615,000
Receipts	2,361,345	2,396,000	2,425,000	2,382,000
Shipments	1,358,223	1,462,000	1,246,000	1,233,000
Total Petroleum and Petroleum Products	390,767	410,000	462,000	421,000
Receipts	389,888	409,000	462,000	421,000
Shipments	879	1,000	0	0
Total Chemicals and Related Products	17,073	16,000	13,000	14,000
Receipts	15,718	15,000	12,000	13,000
Shipments	1,355	1,000	1,000	1,000
Total Crude Materials, Inedible (Except Fuels)	37,036	35,000	31,000	31,000
Receipts	21,857	20,000	19,000	20,000
Shipments	15,179	14,000	12,000	11,000
Total Primary Manufactured Goods	64,229	68,000	72,000	64,000
Receipts	58,594	63,000	66,000	58,000
Shipments	5,635	5,000	6,000	6,000
Total Food and Farm Products	211,084	313,000	188,000	190,000
Receipts	100,592	113,000	124,000	132,000
Shipments	110,492	200,000	64,000	59,000
Total All Manufactured Equipment, Machinery	2,999,370	3,016,000	2,905,000	2,895,000
Receipts	1,774,687	1,775,000	1,742,000	1,739,000
Shipments	1,224,683	1,241,000	1,163,000	1,156,000
Total Waste and Scrap, NEC	9	0	0	0
Receipts	9	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

	2016	2017	2018	2019	2020
Customers, Dec 31					
Total					
Maui Island	65,922	66,394	66,902	67,526	68,286
Moloka'i	3,212	3,226	3,236	3,248	3,269
Lāna'i	1,738	1,732	1,737	1,748	1,749
Maui County	70,872	71,352	71,875	72,522	73,304
Residential					
Maui Island	56,318	56,728	57,232	57,758	58,533
Moloka'i	2,671	2,689	2,693	2,706	2,721
Lāna'i	1,486	1,485	1,485	1,493	1,495
Maui County	60,475	60,902	61,410	61,957	62,749
Other					
Maui Island	9,604	9,666	9,670	9,768	9,753
Moloka'i	541	537	543	542	548
Lāna'i	252	247	252	255	254
Maui County	10,397	10,450	10,465	10,565	10,555
Peak Demand (mW)¹					
Maui Island	222.0	202.9	195.7	207.1	184.0
Moloka'i	6.0	5.9	5.6	6.0	5.9
Lāna'i	5.0	6.0	5.3	6.1	6.1
Power Sold (1,000 kWh)					
Total					
Maui Island	1,059,576	1,036,638	1,040,743	1,064,751	898,268
Moloka'i	28,169	28,199	29,014	29,612	29,053
Lāna'i	29,997	29,947	29,263	32,975	31,367
Maui County	1,117,742	1,094,784	1,099,020	1,127,338	958,688
Residential					
Maui Island	348,787	345,906	364,501	376,193	358,351
Moloka'i	10,000	10,379	10,542	10,666	11,429
Lāna'i	7,569	7,407	7,979	8,321	8,460
Maui County	366,356	363,692	383,022	395,180	378,240
Other					
Maui Island	710,789	690,732	676,241	688,559	539,917
Moloka'i	18,169	17,820	18,472	18,945	17,624
Lāna'i	22,428	22,540	21,284	24,654	22,907
Maui County	751,386	731,093	715,997	732,158	580,448

CONTINUES ON THE NEXT PAGE

7.1.2

CONTINUED

	2016	2017	2018	2019	2020
Average Annual Use, Dec 31 (kWh)					
Residential					
Maui Island	6,193	6,098	6,369	6,513	6,122
Moloka'i	3,744	3,860	3,915	3,942	4,200
Lāna'i	5,094	4,988	5,373	5,574	5,659
Other					
Maui Island	74,010	71,460	69,932	70,491	55,359
Moloka'i	33,584	33,184	34,018	34,955	32,160
Lāna'i	89,000	91,257	84,462	96,682	90,185
Average Rate (dollars per kWh)					
Residential					
Maui Island	0.28485	0.30644	0.33907	0.33646	0.33318
Moloka'i	0.32700	0.35574	0.40156	0.40515	0.35430
Lāna'i	0.33518	0.35872	0.40137	0.42015	0.36410
Other					
Maui Island	0.26509	0.28580	0.32257	0.31500	0.32741
Moloka'i	0.31042	0.33900	0.38917	0.38856	0.34056
Lāna'i	0.33645	0.35839	0.40499	0.42115	0.37416
Revenues (\$1,000)					
Total					
Maui Island	287,774	303,413	341,723	343,472	296,169
Moloka'i	8,910	9,733	11,422	11,683	10,051
Lāna'i	10,083	10,735	11,822	13,879	11,651
Maui County	306,767	323,882	364,967	369,034	317,871
Residential					
Maui Island	99,352	105,999	123,590	126,573	119,395
Moloka'i	3,270	3,692	4,233	4,321	4,049
Lāna'i	2,537	2,657	3,202	3,496	3,080
Maui County	105,159	112,348	131,025	134,390	126,524
Other					
Maui Island	188,422	197,414	218,133	216,899	176,774
Moloka'i	5,640	6,041	7,189	7,361	6,002
Lāna'i	7,546	8,078	8,620	10,383	8,571
Maui County	201,608	211,533	233,942	234,643	191,347

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

	2016	2017	2018	2019	2020
Island of Maui					
Customers, Dec. 31					
Residential	417	448	600	668	709
Other	89	89	95	100	101
Total	506	535	695	768	810
Gas Sold (1,000 therms)					
Residential	98	102	104	108	110
Other	710	736	788	831	545
Total	809	838	892	939	655
Average Annual Use (therms)					
Residential	236	229	173	162	155
Other	7,982	8,269	8,292	8,309	5,393
Average Rate (dollar per therm)					
Residential	3.47	3.31	3.76	4.51	4.48
Other	2.03	1.91	2.07	2.40	2.56
Revenues (\$1,000)					
Residential	341	339	390	489	494
Other	1,443	1,405	1,628	1,994	1,393
Total	1,784	1,744	2,018	2,483	1,887
Islands of Moloka'i and Lāna'i¹					
Customers, Dec. 31					
Moloka'i	84	82	73	67	69
Lāna'i	22	22	22	22	22
Gas Sold (1,000 therms)					
Moloka'i	16	15	13	11	11
Lāna'i	4	4	3	4	4
Average Annual Use (therms)					
Moloka'i	192	180	184	169	166
Lāna'i	169	176	153	167	192
Average Rate (dollar per therm)					
Moloka'i	3.87	3.85	4.05	4.47	4.43
Lāna'i	4.48	4.42	4.49	4.50	4.48
Revenues (\$1,000)					
Moloka'i	62	57	54	51	51
Lāna'i	17	17	15	17	19

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

	2014	2015	2016	2017	2018
Coal	17.2	15.6	16.4	14.9	14.4
Natural Gas	0.2	0.2	0.2	0.2	0.2
Petroleum					
Distillate fuel oil	25.2	27.3	26.2	27.4	28.9
Jet fuel	73.3	76.1	74.3	73.2	85.5
Liquefied petroleum gas	3.2	2.7	3.1	3.8	3.7
Motor gasoline	51.5	51.5	52.7	52.4	51.4
Residual fuel oil	62.1	61.3	60.9	63.2	62.0
Other	0.0	0.0	17.8	17.9	15.7
Total Petroleum	234.2	218.9	234.9	237.8	247.2
Renewable Energy					
Hydroelectric	0.9	1.1	0.8	0.6	0.9
Biomass	11.4	11.5	12.5	9.4	10.7
Wood and waste	7.5	7.5	8.5	5.4	5.3
Ethanol fuel	3.9	3.9	4.0	4.0	3.9
Geothermal	2.2	2.2	2.4	3.0	1.0
Solar / Photovoltaic	8.4	8.4	9.8	12.6	13.1
Wind	5.7	5.7	5.9	4.9	5.5
Total Renewable Energy	28.6	28.8	31.4	30.5	31.1
Total Energy Consumption	280.2	263.5	282.9	283.4	292.9

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	Number of Services									
Maui County	35,698	35,753	35,866	36,040	36,104	36,211	36,365	36,615	36,719	37,069
Maui	34,038	34,090	34,200	34,373	34,439	34,552	34,692	34,931	35,028	35,374
Moloka'i	1,660	1,663	1,666	1,667	1,665	1,659	1,673	1,684	1,691	1,695
	Consumption (million gallons)									
Maui County	12,371	12,675	13,253	11,851	11,684	11,785	11,624	11,750	11,675	12,114
Maui	12,089	12,410	12,958	11,592	11,427	11,523	11,376	11,509	11,450	11,849
Moloka'i	282	265	295	259	257	262	248	241	225	265

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, 2020**

In thousands of gallons

Area	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Previous 12 Months
Central Maui													
Groundwater-Īao	13,177	12,861	13,289	11,872	11,687	14,552	15,303	16,858	17,497	16,047	15,817	15,057	14,501
Groundwater-Waihe'e	4,571	4,621	4,597	4,320	4,852	3,568	3,407	3,391	3,240	3,260	3,559	3,574	3,913
Kepaniwai	720	720	720	720	720	720	718	720	718	720	720	717	719
Īao Tunnel	1,591	1,588	1,609	1,614	1,615	1,622	1,630	1,522	1,599	1,613	1,621	1,622	1,604
Maui Lani	903	909	919	915	909	947	907	910	624	668	551	669	819
Surface water	1,315	2,098	1,860	2,341	2,996	3,006	2,775	2,789	3,077	2,664	1,593	2,421	2,411
Upcountry Maui													
Surface water	5,043	5,468	4,874	5,403	6,305	7,033	7,314	7,480	6,997	6,182	5,714	6,460	6,189
Groundwater	840	794	765	870	888	1,665	1,668	1,056	2,308	2,372	1,879	1,120	1,352
West Maui													
Surface water	3,504	3,696	3,154	3,021	3,247	3,424	3,022	3,165	2,565	1,980	3,080	3,150	3,084
Groundwater	1,491	1,637	1,650	1,356	1,502	1,712	2,062	2,143	2,787	3,271	1,786	1,870	1,939
East Maui													
Groundwater	370	423	374	376	392	380	413	400	393	376	372	382	388
Moloka'i													
Groundwater	681	697	679	695	906	988	949	917	949	835	783	812	824
Total Water Production	34,205	35,512	34,490	33,503	36,019	39,617	40,168	41,351	42,754	39,988	37,475	37,854	37,745

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 2020)

Schedule A		Schedule B (Meter Size)	Per meter/ per month
Family Dwellings, 5/8" meters			
0 - 5,000 gal	\$2.05	5/8 inch	\$19.80
5,001 - 15,000	\$3.90	3/4 inch	\$32.00
15,001 - 35,000	\$5.85	1 inch	\$47.50
Over 35,000	\$6.55	1 1/2 inch	\$91.00
Rates (All Others)			
0 - 5,000 gal	\$2.05	2 inch	\$141.00
5,001 - 15,000	\$3.90	3 inch	\$249.00
Over 15,000	\$5.85	4 inch	\$432.00
Agricultural Rates			
Over 15,000	\$1.10	6 inch	\$793.00
Non-Potable Agricultural Rates			
All usage	\$1.00	8 inch	\$1,251.00

**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, 2020

District	5/8"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	Total
Regular Rates										
Wailuku	17,709	1,850	536	421	425	53	37	5	1	21,037
Makawao	9,100	402	170	75	35	6	1	2	0	9,791
Lahaina	2,714	334	114	123	118	26	11	2	0	3,442
Hāna	464	42	10	6	4	1	0	0	0	527
Moloka'i	1,579	43	32	15	14	2	0	1	0	1,686
Subtotal	31,566	2,671	862	640	596	88	49	10	1	36,483
Agricultural Meters										
Wailuku	15	15	4	3	1	2	1	0	0	41
Makawao	272	48	67	79	30	0	0	0	0	496
Lahaina	4	3	5	0	1	0	1	0	0	14
Hāna	25	0	1	0	0	0	0	0	0	26
Moloka'i	5	2	2	0	0	0	0	0	0	9
Subtotal	321	68	79	82	32	2	2	0	0	586
Total	31,887	2,739	941	722	628	90	51	10	1	37,069

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2020.

7.1.9

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

Fiscal year ending June 30, 2020

	1,000 Gallons	Amount	Cost per 1,000 Gallons
Purchased from			
East Maui Irrigation	2,330,343	140,520	0.060
Wailuku Water Co.	876,914	445,959	0.509
Maui Land & Pine	562,737	159,301	0.283
Hawaiian Home Lands*	9,016	82,531	9.154
Total	3,779,009	828,311	0.219
District			
Wailuku	876,914	445,959	0.509
Kula	171,789	10,359	0.060
Makawao	2,153,278	129,843	0.060
Lahaina	562,737	159,301	0.283
Hāna	5,276	318	0.060
Moloka'i	9,016	82,531	9.154
Total	3,779,009	828,311	0.219

* Billed bi-monthly.

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2020.

7.1.10

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

Fiscal year ending June 30, 2020

District	Services	Change from FY 2019	Consumption (1,000 gal)	Change from FY 2019 (1,000 gal)
Wailuku District				
Wailuku	6,635	232	1,405,529	93,025
Waihe'e	202	1	21,605	(4,263)
Waikapū	973	1	128,374	6,889
Wailuku Heights	498	0	67,167	(1,637)
Kahului	5,342	28	1,501,186	5,618
Pu'unēnē	12	1	4,923	(13,585)
Kīhei	6,048	14	3,965,657	47,462
Mā'alaea	45	0	95,308	(15,712)
Mākena	203	0	242,687	26,455
Pā'ia-Kū'au	914	2	145,897	7,250
Spreckelsville	206	0	74,069	12,037
Subtotal	21,078	279	7,652,402	163,539
Makawao District				
Kokomo-Kaupakalua	1,161	4	170,476	28,219
Kuiaha	306	3	48,412	5,512
Ha'ikū-Pa'uwela	858	9	121,245	11,884
Makawao	2,020	2	281,899	26,657
Pukalani	2,143	14	321,735	29,482
Hāli'imaile	200	1	33,704	4,434
Upper Kula	2,352	17	441,641	8,876
Lower Kula	1,127	5	656,742	51,200
'Ulupalakua-Kanaio	81	0	60,057	10,667
Kula Ag. Park	39	1	131,155	4,448
Subtotal	10,287	56	2,267,066	181,379
Lahaina District				
Lahaina	2,186	8	848,277	32,378
Honokōwai	452	2	489,974	(10,580)
'Alaelo	805	1	520,146	19,784
Honokōhau	13	0	1,116	71
Subtotal	3,456	11	1,859,514	41,654
Moloka'i District				
Kawela-Kaunakakai	1,179	3	195,310	26,145
'Ualapu'e	396	0	60,814	12,126
Kala'e	114	1	8,596	1,897
Hālawa	6	0	0	0
Subtotal	1,695	4	264,721	40,169
Hāna District				
Hāna	408	0	57,550	11,363
Nāhiku	38	0	3,834	538
Ke'anae	86	0	7,190	828
Kaupō	21	0	2,076	346
Subtotal	553	0	70,650	13,075

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2020.

7.1.11

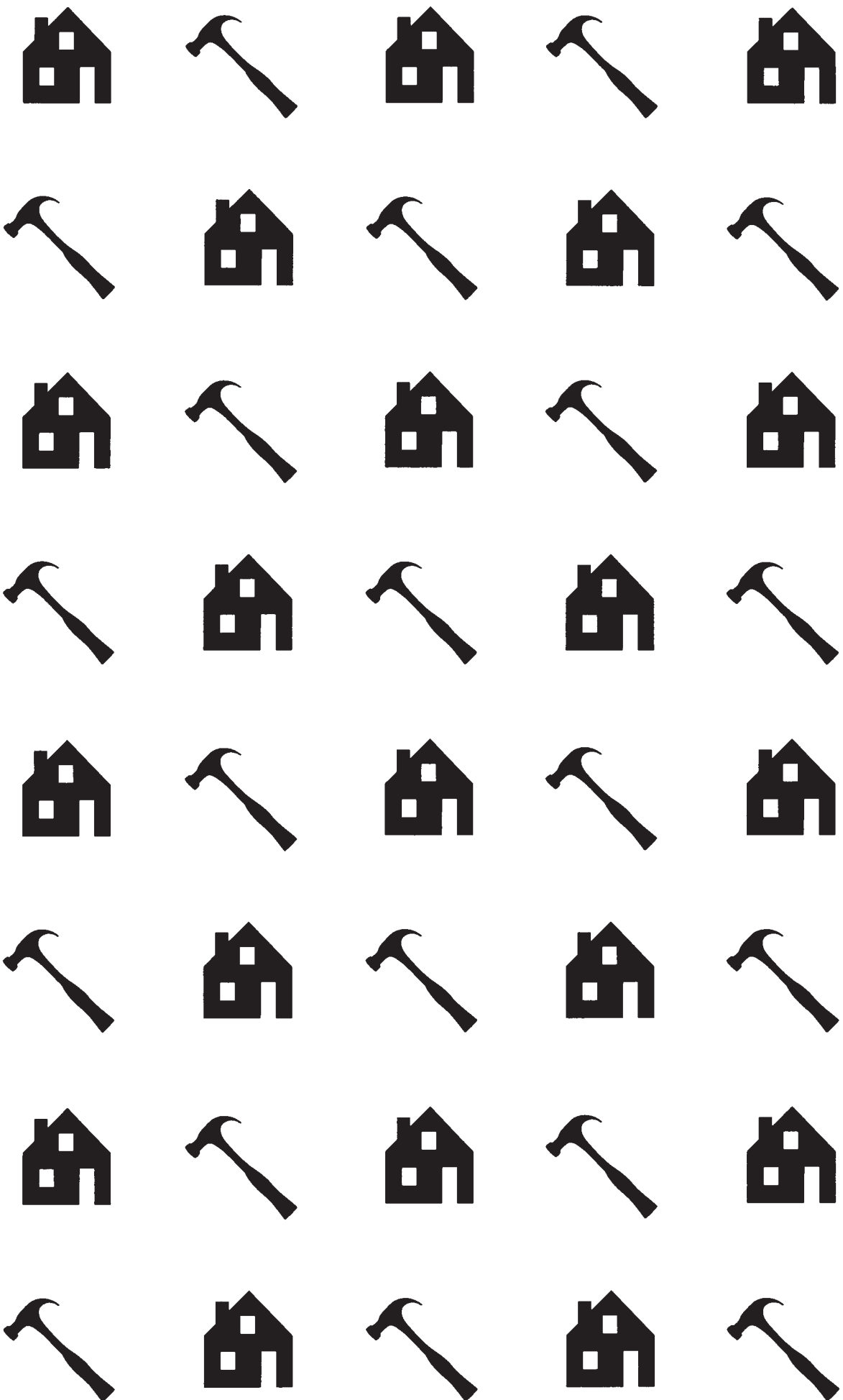
**WATER CONSUMPTION BY DISTRICT
MAUI COUNTY**

Fiscal year ending June 30, 2020; In 1,000 gallons

Months	Total	Wailuku	Makawao	Kula	Lahaina	Moloka‘i	Hāna
General							
July	1,003,752	654,664	83,990	55,997	156,388	45,206	7,508
August	1,059,878	709,198	84,279	54,499	184,399	21,891	5,612
September	1,070,434	727,578	88,902	53,978	175,092	19,634	5,250
October	923,478	614,232	74,832	48,321	157,648	23,163	5,282
November	1,050,806	717,304	88,101	63,483	181,922	(5)	1
December	890,196	579,203	73,500	38,863	149,635	38,100	10,895
January	910,096	610,220	71,075	43,568	163,699	16,116	5,418
February	841,901	572,079	69,459	42,515	140,146	13,498	4,204
March	781,653	530,356	60,009	32,384	137,572	16,252	5,080
April	822,997	552,682	69,428	41,068	135,518	19,356	4,945
May	809,945	534,810	76,897	47,844	126,287	18,960	5,147
June	890,350	593,359	82,577	56,336	129,184	23,963	4,931
Total	11,055,486	7,395,685	923,049	578,856	1,837,490	256,134	64,273
Agricultural							
July	101,817	23,512	5,674	68,269	2,227	1,334	801
August	88,344	17,519	4,987	62,281	2,230	975	352
September	101,044	19,370	5,171	73,633	1,898	347	625
October	90,264	17,394	4,119	64,447	2,311	1,620	373
November	101,474	24,172	5,313	70,142	1,847	0	0
December	85,352	18,732	4,300	58,840	1,856	900	724
January	73,739	17,846	4,076	48,983	2,140	279	415
February	76,718	22,421	3,946	48,281	1,211	291	568
March	73,219	28,182	4,054	38,531	1,097	155	1,200
April	83,134	27,436	3,473	49,556	1,505	623	541
May	86,259	20,017	4,306	58,558	1,681	1,242	455
June	97,502	20,116	5,003	69,218	2,021	821	323
Total	1,058,866	256,717	54,422	710,739	22,024	8,587	6,377
Grand Total	12,114,352	7,652,402	977,471	1,289,595	1,859,514	264,721	70,650

SOURCE: COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY, ANNUAL REPORT FY 2020.

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 2019, there were approximately 54,744 occupied housing units on Maui of which around 33,289 (60.8%) were owner-occupied. The number of occupied housing units increased from 2018 when there were 52,794 units. The percentage of owner-occupied units has slightly decreased of 1.4% since 2018.

8.1.1

NUMBER AND VALUE OF BUILDING PERMITS MAUI COUNTY

Year	Number Issued	Estimated Value (\$1,000)
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
2019	1,307	483,008
2020	1,039	471,647

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	2015	2016	2017	2018	2019	2020
Residential	177,596	192,976	209,937	240,388	218,056	204,980
Hotel	307,990	0	0	67,518	46,225	56,908
Non-residential	122,405	99,579	119,738	137,673	75,789	90,481
Additions and alterations	123,500	92,131	147,853	114,253	142,938	119,278
Total	731,491	384,686	477,528	559,832	483,008	471,647

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

8.1.3

PRIVATE RESIDENTIAL CONSTRUCTION AUTHORIZATIONS MAUI COUNTY

	2016	2017	2018	2019 ¹	2020
Authorized Housing Units (number)					
New single family units	256	489	372	513	306
New multi-family units	311	372	466	144	220
Total	567	861	838	657	526
Permit Value (\$)					
New single family units	73,135,490	149,497,808	131,904,614	170,614,755	135,321,813
New multi-family units	77,972,073	60,451,736	108,483,544	47,441,194	69,657,691
Total	151,107,563	209,949,544	240,388,158	218,055,949	204,979,504

1. Revised data.

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
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	336	20	158	29
2016	265	40	3	0
2017	494	47	404	26
2018	374	28	438	32
2019	514	8	132	41
2020	306	16	204	34

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	\$33.83	\$27.48	\$41.54	\$36.17	\$38.76
Housing Cost					
2 bedroom FMR	\$1,759	\$1,429	\$2,160	\$1,881	\$2,015
Income needed to afford 2 bedroom FMR	\$70,360	\$57,160	\$86,400	\$75,240	\$80,613
Full-time jobs at minimum wage to afford 2 bedroom FMR	3.3	2.7	4.1	3.6	3.8
Area Median Income (AMI)					
Annual AMI	\$97,500	\$75,200	\$101,600	\$101,800	\$97,168
Rent affordable at AMI	\$2,438	\$1,880	\$2,540	\$2,545	\$2,429
30% of AMI	\$29,250	\$22,560	\$30,480	\$30,540	\$29,151
Rent affordable at 30% of AMI	\$731	\$564	\$762	\$764	\$729
Renter Households					
Number	21,589	22,645	137,828	8,313	190,420
% of total households	40%	33%	44%	37%	42%
Estimated mean renter hourly wage	\$15.49	\$14.67	\$18.05	\$14.56	\$17.17
Rent affordable at mean wage	\$806	\$763	\$939	\$757	\$893
Full time jobs at mean renter wage needed to afford 2 bedroom FMR	2.2	1.9	2.3	2.5	2.3

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

SOURCE: NATIONAL LOW INCOME HOUSING COALITION, OUT OF REACH 2020.

8.1.6

PLANNED ADDITIONS TO AND SUBTRACTIONS FROM MAUI VISITOR INDUSTRY PLANT SUPPLY

Name of Facility	Planned Type	Planned Units	Estimated Completion
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
Plantation Inn	H-M Hotel	14	2022
Villas at Royal Lahaina	Condo / Hotel	128	NA
Maui Research & Tech Park	Mixed Use / Hotel	150	NA
Down Town Kihei	Mixed Use / Hotel	150	2026
Makena Resort M-5, M-6, S-7, B-2	Mixed Use	40	2024
Grand Wailea Resort Expansion	Hotel	151	NA
Hotel Ike	Hotel	110	NA
Hotel Wailuku	Hotel	156	NA
Kanaha Hotel	Hotel	200	2024
Wailea Resort SF-7A/MF-12/MF-13	Mixed Use	289	2027
Bed and Breakfasts	B&B	435	NA
Short term rentals	New Class	814	NA
Transient vacation rentals		57	NA

NA: Not available

SOURCE: HAWAII TOURISM AUTHORITY, 2020 VISITOR PLANT INVENTORY; COUNTY OF MAUI DEPARTMENT OF PLANNING.

8.1.7

AVERAGE ANNUAL WAGES FOR CONSTRUCTION INDUSTRIES MAUI COUNTY, 2019

Industry	Number of Establishments	Number of Employees	Total Wages	Average Annual Wages
Construction	661	4,368	\$308,463,598	\$70,619
Construction of Buildings	226	1,507	\$110,673,602	\$73,440
Residential	172	841	\$52,282,141	\$62,167
Nonresidential	54	665	\$58,391,461	\$87,807
Heavy and Civil Engineering Construction	40	554	\$49,571,600	\$89,479
Utility system construction	11	135	\$10,193,299	\$75,506
Highway, Street, and Bridge Construction	11	275	\$25,253,261	\$91,830
Specialty Trade Contractors	395	2,307	\$148,218,396	\$64,247
Building Foundation/Exterior Contractors	74	366	\$21,069,865	\$57,568
Building Equipment Contractors	152	1,183	\$84,673,210	\$71,575
Building Finishing Contractors	113	474	\$25,865,814	\$54,569
Other Specialty Trade Contractors	56	283	\$16,609,507	\$58,691

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

8.1.8

BUILDING PERMITS ISSUED MAUI COUNTY, 2020

Type of Permit	Number of Permits	Number of Units	Valuation
Single family, detached	306	306	\$135,321,813
Single family, attached, no unit over/below	5	10	\$2,183,710
Two family buildings	3	6	\$1,007,635
Three and four family buildings	8	32	\$8,000,000
Five or more family buildings	2	172	\$58,466,346
Hotels, motels, tourist cabins	3	0	\$56,907,997
Amusement and recreational	4	0	\$9,209,755
Industrial	1	0	\$15,000,000
Parking garages	0	0	\$0
Hospital and institutional	0	0	\$0
Offices, banks, and professional	5	0	\$16,629,440
Public works and utilities	2	0	\$2,515,000
Schools and other educational	11	0	\$74,310,615
Stores and customer service	9	0	\$13,612,719
Other non-residential	63	0	\$5,444,741
Structures other than bldgs	124	0	\$34,254,040
Residential alterations	338	0	\$32,406,629
Commercial alterations	128	0	\$94,655,463
Additions of res garages/carports	43	0	\$7,233,460
Demo-single family homes	33	0	\$277,942
Demo-two family bldgs	1	0	\$500
Demo-five or more family bldgs	0	0	\$0
Demo- all other	23	0	\$238,250
Repairs to dwellings	0	0	\$0
Repairs to other buildings	2	0	\$1,413,359
Relocate residential buildings	0	0	\$0
Fences, retaining walls, seawalls	76	0	\$6,272,780
Temporary structures	29	0	\$239,200
Total	1,219	526	\$575,601,394

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

8.1.9

CONSTRUCTION ESTABLISHMENTS BY TYPE AND LOCATION, MAUI COUNTY, 2019

Establishment Type							
Location	Number	Location	Number	Location	Number	Location	Number
Residential Building							
Ha'ikū	17	Kīhei	33	Lahaina	20	Wailuku	17
Kahului	12	Kula	8	Makawao	17	Kaunakakai	5
Nonresidential Building							
Kahului	4	Makawao	3	Pu'unēnē	3	Wailuku	6
Lahaina	4						
Utility System Construction							
Kahului	3						
Land Subdivision							
Kahului	0						
Heavy and Civil Engineering							
Wailuku	4						
Foundation, Structure, and Building Exterior							
Ha'ikū	6	Kīhei	14	Lahaina	6	Pu'unēnē	0
Kahului	0	Kula	4	Makawao	9	Wailuku	13
Building Equipment							
Ha'ikū	10	Kīhei	16	Lahaina	8	Pā'ia	5
Kahului	22	Kula	6	Makawao	13	Wailuku	26
Building Finishing							
Ha'ikū	15	Kīhei	16	Lahaina	8	Pu'unēnē	3
Kahului	5	Kula	6	Makawao	13	Wailuku	23
Other Specialty Trade Contractors							
Ha'ikū	6	Kīhei	12	Makawao	6	Wailuku	6
Kahului	4	Kula	5	Pu'unēnē	4		

Note: To comply with disclosure avoidance guidelines, results for locations with fewer than three contributing establishments are suppressed.

SOURCE: U.S. CENSUS BUREAU, 2019 ZIP CODE BUSINESS PATTERNS.

8.2.1

SUMMARY HOUSING CHARACTERISTICS MAUI COUNTY, 2019

Characteristic	Number	Percent
Total Housing Units	74,569	100.0%
Median number of rooms	4.0	
Occupied Housing Units	54,744	73.4%
Structure built 1990 or later	27,299	36.5%
Structure built before 1940	2,576	3.5%
Lacking complete plumbing	938	1.7%
Lacking complete kitchen	1,340	2.4%
Lacking telephone service	924	1.7%
Moved into unit after 1999	39,689	72.4%
Moved into unit before 1990	9,077	16.6%
Occupants per room of 1.51 or more	2,247	4.1%
Owner-Occupied Units	33,289	60.8%
Median value	\$697,900	
With a mortgage	21,933	65.9%
Median monthly costs	\$2,432	
Monthly costs were 35% or more of income	7,630	35.0%
Not mortgaged	11,356	34.1%
Median monthly costs		
Renter-Occupied Units	21,455	39.2%
Median gross rent	\$1,615	
Rent was 35% or more of income	8,395	45.4%

SOURCE: U.S. CENSUS BUREAU, 2019 AMERICAN COMMUNITY SURVEY ONE-YEAR ESTIMATES.

8.2.2

SELECTED HOUSING CHARACTERISTICS MAUI COUNTY

Maui County	2016	2017	2018	2019
All Housing Units	72,139	72,984	73,786	74,569
Units in Structure				
1 unit, detached	39,996	40,638	42,176	41,303
1 unit, attached	4,396	4,158	4,584	4,738
2 to 4 units	6,302	6,714	5,390	5,317
5 to 9 units	5,739	6,019	4,858	6,058
10 or more units	15,410	14,855	4,492	16,887
Mobile home, boat, other	296	600	64	266
Median number of rooms	4.2	4.3	4.2	4.0
Occupied Housing Units	53,612	53,560	52,974	54,744
With 1.01 or more occupants/room	5,762	5,370	4,290	3,154
Vacant Housing Units	18,527	19,424	20,992	19,825
For seasonal use	6,348	6,749	6,323	6,908
Homeowner vacancy rate	1.8	1.4	3.6	0.1
Rental vacancy rate	30.1	28.3	34.5	29.6
Owner-Occupied Units	31,726	31,306	33,753	33,289
Percent of all occupied units	59.2%	58.5%	63.9%	60.8%
Average household size	3.24	3.24	3.24	3.18
Value of Owner-Occupied Units				
Total units	31,726	31,306	33,753	33,289
Less than \$100,000 unit value	932	319	811	685
\$100,000 to \$199,999	667	476	1,274	487
\$200,000 to \$299,999	2,577	1,411	1,579	914
\$300,000 to \$499,999	7,527	6,490	6,927	5,905
\$500,000 to \$999,999	14,868	17,522	18,326	19,279
\$1 million or more	5,155	5,088	4,836	6,019
Median value	\$600,800	\$641,500	\$629,500	\$697,900
Renter-Occupied Units	21,886	22,254	19,041	21,455
Percent of all occupied units	40.8%	41.5%	36.1%	39.2%
Average household size	2.74	2.79	2.87	2.74
Gross Rent				
Total renters	21,886	22,254	19,041	21,455
Less than \$500 rent	1,996	1,678	N	1,671
\$500 to \$999	3,640	2,483	N	2,049
\$1,000 to \$1,499	7,646	6,888	N	4,501
\$1,500 or more	7,529	9,036	N	10,721
No cash rent	1,075	2,169	N	2,513
Median rent	\$1,254	\$1,421	\$1,669	\$1,615

N: Number of sample cases is too small.

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

8.2.3

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

2019	Total Housing Units	Occupied Housing Units	Owner Occupied Units	Renter Occupied Units
Maui Island				
Hai'kū-Pa'uwela CDP	3,549	3,152	1,868	1,284
Hāli'imaile CDP	376	342	204	138
Hāna CDP	356	223	152	71
Kā'anapali CDP	1,899	464	383	81
Kahului CDP	8,413	7,846	4,538	3,308
Kapalua CDP	1,010	140	104	36
Kēōkea CDP	720	664	540	124
Kīhei CDP	12,491	8,067	4,595	3,472
Kula CDP	3,144	2,874	1,892	982
Lahaina CDP	4,269	3,537	1,544	1,993
Launiupoko CDP	287	213	166	47
Ma'alaea CDP	628	176	100	76
Mahinahina CDP	393	349	304	45
Makawao CDP	2,676	2,610	1,788	822
Mākena CDP	119	59	47	12
Nāpili-Honokōwai CDP	4,352	2,607	1,086	1,521
Olinda CDP	509	444	265	179
Olowalu CDP	78	53	31	22
Pā'ia CDP	961	695	475	220
Pukalani CDP	3,128	2,835	1,899	936
Waihe'e-Waiehu CDP	2,631	2,518	1,993	525
Waikapū CDP	1,058	1,024	825	199
Wailea CDP	6,242	2,669	1,611	1,058
Wailuku CDP	6,884	6,223	3,808	2,415
Moloka'i				
Kaunakakai CDP	1,547	1,066	710	356
Kualapu'u CDP	655	543	415	128
Maunaloa CDP	186	121	37	84
Ualapu'e CDP	308	145	109	36
Lāna'i				
Lāna'i City CDP	1,469	1,166	695	471
Manele CDP	80	15	11	4

SOURCE: U.S. CENSUS BUREAU, 2015-2019 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

8.2.4

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

2019	All Housing Units	Vacant Units	Seasonal, Recreational or Occasional	Homeowner Vacancy Rate	Rental Vacancy Rate
Maui Island					
Hai'kū-Pa'uwela CDP	3,549	397	226	0.0	1.6
Hāli'imaile CDP	376	34	7	0.0	4.2
Hāna CDP	356	133	47	0.0	53.0
Kā'anapali CDP	1,899	1,435	500	13.9	91.2
Kahului CDP	8,413	567	106	0.2	6.4
Kapalua CDP	1,010	870	389	7.1	92.4
Kēōkea CDP	720	56	30	0.0	8.1
Kīhei CDP	12,491	4,424	1,323	0.3	43.1
Kula CDP	3,144	270	133	0.0	0.0
Lahaina CDP	4,269	732	267	3.4	9.2
Launiupoko CDP	287	74	44	4.0	25.4
Ma'alaea CDP	628	452	125	9.5	79.2
Mahinahina CDP	393	44	12	1.0	0.0
Makawao CDP	2,676	66	35	0.0	1.1
Mākena CDP	119	60	53	7.8	7.7
Nāpili-Honokōwai CDP	4,352	1,745	387	4.1	40.9
Olinda CDP	509	65	29	3.6	2.7
Olowalu CDP	78	25	18	0.0	0.0
Pā'ia CDP	961	266	177	2.7	13.4
Pukalani CDP	3,128	293	161	0.0	1.4
Waihe'e-Waiehu CDP	2,631	113	95	0.0	0.0
Waikapū CDP	1,058	34	0	0.0	7.9
Wailea CDP	6,242	3,573	1,351	9.7	63.8
Wailuku CDP	6,884	661	176	1.6	6.3
Moloka'i					
Kaunakakai CDP	1,547	481	167	3.7	23.3
Kualapu'u CDP	655	112	36	0.0	5.9
Maunaloa CDP	186	65	6	17.8	25.0
Ualapu'e CDP	308	163	79	0.0	68.1
Lāna'i					
Lāna'i City CDP	1,469	303	146	2.7	9.1
Manele CDP	80	65	60	0.0	0.0

SOURCE: U.S. CENSUS BUREAU, 2015-2019 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

8.2.5

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

2019	All Units	Occupied Housing Units			Average Household Size	
		Occupied	By Owner	By Renter	Owner Occupied	Renter Occupied
Maui Island						
Hai'kū-Pa'uwela CDP	3,549	3,152	1,868	1,284	2.97	2.67
Hāli'imaile CDP	376	342	204	138	3.05	4.15
Hāna CDP	356	223	152	71	3.77	2.94
Kā'anapali CDP	1,899	464	383	81	1.92	2.19
Kahului CDP	8,413	7,846	4,538	3,308	4.20	3.23
Kapalua CDP	1,010	140	104	36	1.91	2.56
Kēōkea CDP	720	664	540	124	3.55	2.67
Kīhei CDP	12,491	8,067	4,595	3,472	2.90	2.56
Kula CDP	3,144	2,874	1,892	982	2.70	2.55
Lahaina CDP	4,269	3,537	1,544	1,993	3.92	3.19
Launiupoko CDP	287	213	166	47	2.41	2.94
Ma'alaea CDP	628	176	100	76	1.54	1.41
Mahinahina CDP	393	349	304	45	2.69	2.18
Makawao CDP	2,676	2,610	1,788	822	2.95	2.35
Mākena CDP	119	59	47	12	2.00	4.00
Nāpili-Honokōwai CDP	4,352	2,607	1,086	1,521	2.86	2.38
Olinda CDP	509	444	265	179	2.58	2.36
Olowalu CDP	78	53	31	22	1.65	1.82
Pā'ia CDP	961	695	475	220	3.13	3.38
Pukalani CDP	3,128	2,835	1,899	936	2.80	2.54
Waihe'e-Waiehu CDP	2,631	2,518	1,993	525	3.83	3.20
Waikapū CDP	1,058	1,024	825	199	3.61	4.52
Wailea CDP	6,242	2,669	1,611	1,058	2.33	2.29
Wailuku CDP	6,884	6,223	3,808	2,415	2.74	2.96
Moloka'i						
Kaunakakai CDP	1,547	1,066	710	356	3.20	2.13
Kualapu'u CDP	655	543	415	128	3.15	3.00
Maunaloa CDP	186	121	37	84	2.78	2.77
Ualapu'e CDP	308	145	109	36	2.90	3.67
Lāna'i						
Lāna'i City CDP	1,469	1,166	695	471	2.40	2.19
Manele CDP	80	15	11	4	1.91	0.00

SOURCE: U.S. CENSUS BUREAU, 2015-2019 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

8.2.6

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

2019	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	1,868	0	123	31	346	877	491
Hāli'imaile CDP	204	0	2	8	75	111	8
Hāna CDP	152	13	6	16	69	28	20
Kā'anapali CDP	383	5	0	0	4	146	228
Kahului CDP	4,538	29	20	164	1,019	3,108	198
Kapalua CDP	104	0	0	3	0	22	79
Kēōkea CDP	540	8	10	69	137	163	153
Kīhei CDP	4,595	39	21	342	1,217	2,691	285
Kula CDP	1,892	20	0	55	33	726	1,058
Lahaina CDP	1,544	35	15	59	240	1,092	103
Launiupoko CDP	166	0	3	0	3	23	137
Ma'alaea CDP	100	2	3	16	45	33	1
Mahinahina CDP	304	2	0	15	56	134	97
Makawao CDP	1,788	17	0	26	515	1,163	67
Mākena CDP	47	2	0	0	1	7	37
Nāpili-Honokōwai CDP	1,086	0	6	50	246	616	168
Olinda CDP	265	7	3	3	26	106	120
Olowalu CDP	31	0	0	0	0	7	24
Pā'ia CDP	475	12	6	0	89	308	60
Pukalani CDP	1,899	62	0	15	241	1,328	253
Waihe'e-Waiehu CDP	1,993	74	185	128	570	949	87
Waikapū CDP	825	0	6	9	122	667	21
Wailea CDP	1,611	45	17	18	142	551	838
Wailuku CDP	3,808	50	75	343	1,169	2,048	123
Moloka'i							
Kaunakakai CDP	710	63	167	115	214	138	13
Kualapu'u CDP	415	80	149	93	67	11	15
Maunaloa CDP	37	2	2	15	16	2	0
Ualapu'e CDP	109	3	28	30	25	21	2
Lāna'i							
Lāna'i City CDP	695	0	12	81	381	145	76
Manele CDP	11	0	0	2	0	0	9

SOURCE: U.S. CENSUS BUREAU, 2015-2019 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

8.2.7

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

2019	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	1,010	368	74	173	0	395	274
Hāli'imaile CDP	111	60	9	1	11	30	27
Hāna CDP	50	25	0	0	0	25	21
Kā'anapali CDP	63	23	3	5	0	32	18
Kahului CDP	3,053	921	447	478	185	1,022	255
Kapalua CDP	30	12	0	0	9	9	6
Kēōkea CDP	116	35	20	11	4	46	8
Kīhei CDP	3,309	666	326	421	327	1,569	163
Kula CDP	883	222	53	109	160	339	99
Lahaina CDP	1,887	442	209	353	188	695	106
Launiupoko CDP	35	12	0	2	9	12	12
Ma'alaea CDP	63	21	7	12	7	16	13
Mahinahina CDP	45	11	0	2	5	27	0
Makawao CDP	695	143	114	0	70	368	127
Mākena CDP	8	0	0	7	0	1	4
Nāpili-Honokōwai CDP	1,422	320	109	202	173	618	99
Olinda CDP	169	48	37	11	9	64	10
Olowalu CDP	19	9	5	0	0	5	3
Pā'ia CDP	201	66	37	22	28	48	19
Pukalani CDP	735	188	110	88	39	310	201
Waihe'e-Waiehu CDP	461	122	177	29	37	96	64
Waikapū CDP	192	46	37	28	6	75	7
Wailea CDP	982	141	52	135	110	544	76
Wailuku CDP	2,267	609	415	180	153	910	148
Moloka'i							
Kaunakakai CDP	327	5	0	49	83	190	29
Kualapu'u CDP	89	19	18	8	7	37	39
Maunaloa CDP	75	20	6	0	5	44	9
Ualapu'e CDP	22	0	5	4	2	11	14
Lāna'i							
Lāna'i City CDP	454	223	53	76	35	67	17
Manele CDP	0	0	0	0	0	0	4

SOURCE: U.S. CENSUS BUREAU, 2015-2019 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

8.2.8

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

2019	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	1,284	246	11	230	337	106	354
Hāli'imaile CDP	138	14	49	1	32	34	8
Hāna CDP	71	21	20	25	0	0	5
Kā'anapali CDP	81	18	0	10	8	7	38
Kahului CDP	3,308	536	329	1,122	867	292	162
Kapalua CDP	36	6	0	2	8	5	15
Kēōkea CDP	124	13	5	47	41	8	10
Kīhei CDP	3,472	458	300	779	987	611	337
Kula CDP	982	115	129	347	204	153	34
Lahaina CDP	1,993	214	364	640	419	118	238
Launiupoko CDP	47	12	0	5	7	2	21
Ma'alaea CDP	76	15	0	26	17	13	5
Mahinahina CDP	45	0	0	8	12	11	14
Makawao CDP	822	135	205	206	219	45	12
Mākena CDP	12	4	0	7	1	0	0
Nāpili-Honokōwai CDP	1,521	138	21	397	529	322	114
Olinda CDP	179	13	9	33	55	18	51
Olowalu CDP	22	3	1	9	0	4	5
Pā'ia CDP	220	19	7	40	17	87	50
Pukalani CDP	936	201	100	178	148	231	78
Waihe'e-Waiehu CDP	525	124	35	155	117	69	25
Waikapū CDP	199	17	14	48	12	24	84
Wailea CDP	1,058	76	96	173	284	291	138
Wailuku CDP	2,415	324	512	725	282	346	226
Moloka'i							
Kaunakakai CDP	356	150	67	21	101	16	1
Kualapu'u CDP	128	39	18	52	16	3	0
Maunaloa CDP	84	28	54	2	0	0	0
Ualapu'e CDP	36	16	5	5	2	8	
Lāna'i							
Lāna'i City CDP	471	81	146	155	36	53	0
Manele CDP	4	4	0	0	0	0	0

1. Includes no cash rent.

SOURCE: U.S. CENSUS BUREAU, 2015-2019 AMERICAN COMMUNITY SURVEY FIVE-YEAR ESTIMATES.

8.2.9

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

	2016	2017	2018	2019
Owner				
Housing units with a mortgage	20,238	21,098	23,222	21,933
Less than 20% of income	8,054	7,047	7,633	7,270
20% to 24.9%	2,775	2,637	2,149	1,983
25% to 29.9%	2,105	2,105	2,972	2,514
30% to 34.9%	1,040	1,737	2,036	2,425
35% or more	6,124	7,478	8,136	7,630
Not computed	140	94	296	111
Median mortgage (dollars)	\$2,209	\$2,390	\$2,341	\$2,432
Renter				
Renter-occupied units	21,886	22,254	19,041	21,455
Less than 15% of income	3,796	2,044	2,084	1,896
15% to 19.9%	2,607	2,393	2,622	2,480
20% to 24.9%	1,888	3,586	2,230	1,898
25% to 29.9%	2,642	1,951	2,107	2,723
30% to 34.9%	2,001	1,991	731	1,081
35% or more	7,699	7,800	7,323	8,395
Not computed	1,253	2,489	1,944	2,982
Median rent (dollars)	\$1,254	\$1,421	\$1,669	\$1,615

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

8.2.10

FORECLOSURE FILINGS BY JUDICIAL CIRCUIT

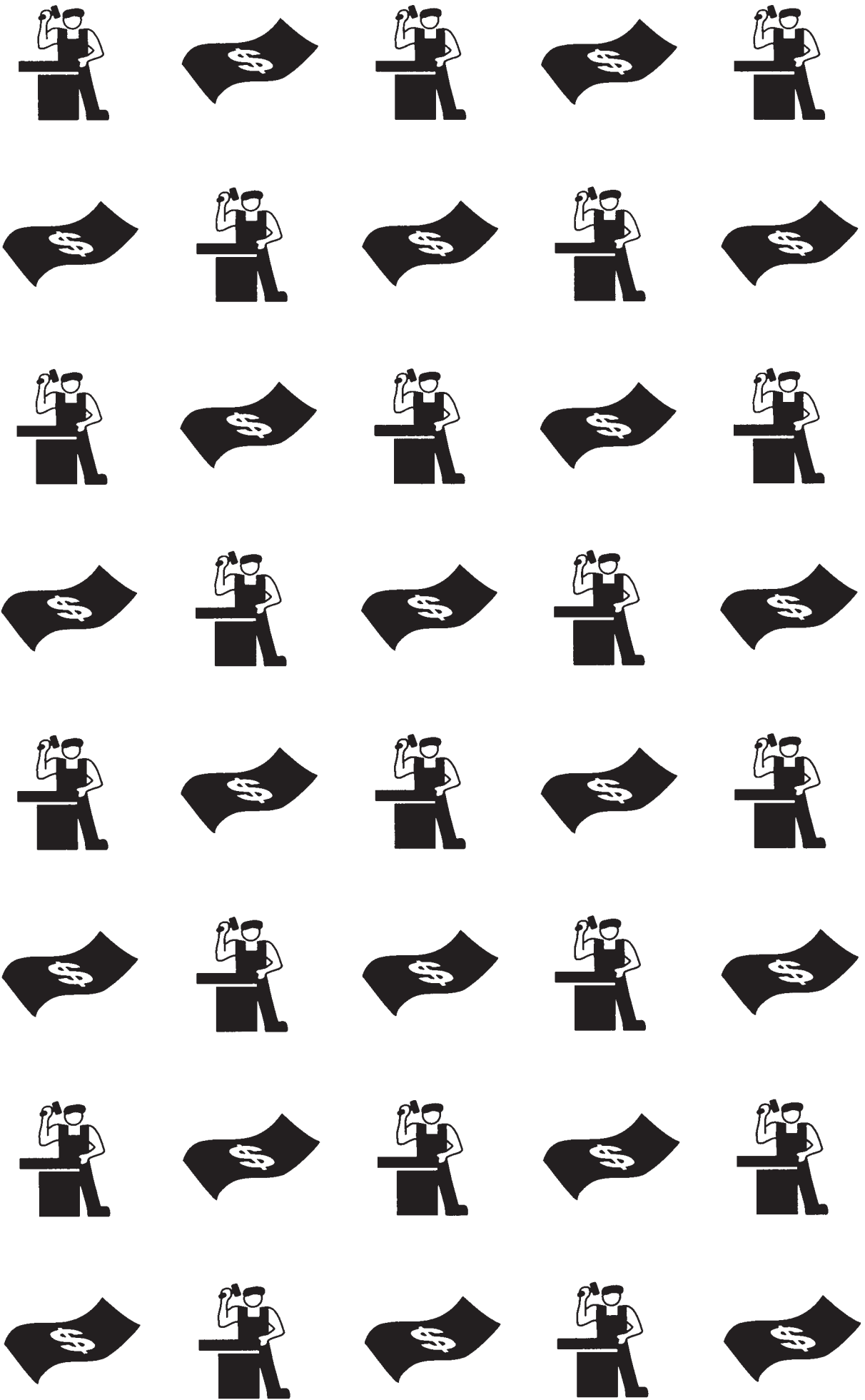
Year	Maui County ¹	Hawai'i County	City & County of Honolulu	Kaua'i County	State Total
1995	317	293	1,204	143	1,957
1996	464	352	1,828	156	2,800
1997	421	362	2,205	160	3,148
1998	422	359	2,662	183	3,626
1999	324	339	2,135	136	2,934
2000	228	251	1,591	83	2,153
2001	197	246	1,390	80	1,913
2002	110	151	624	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
2018 ²	163	279	751	68	1,261
2019 ²	136	308	704	50	1,198
2020	74	110	431	32	647

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

2. Revised data.

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

Finance & Labor



Section 9

FINANCE & LABOR

Part one of this section presents statistics on the financial institutions on Maui. Part two includes figures for Maui County's labor force.

The civilian labor force for 2020 was 83,850 and the number of employed was 68,850. The unemployment rate increased from 2.6% to 18.0% between 2019 and 2020 due to a disruption caused by the COVID-19 pandemic.

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	3	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	2	1	0
Escrow Depository Companies²			
Firms	5	0	0
Locations	12	0	0

1. As of June 25, 2020.

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	2016	2017	2018	2019	2020
Hāna	5,939	6,264	6,634	7,492	8,000
Kahului	1,324,082	1,406,553	1,399,945	1,475,083	1,814,800
Kīhei	558,900	618,365	656,001	658,170	705,415
Lahaina	586,882	601,621	644,173	685,710	734,011
Makawao	255,353	186,735	197,960	205,215	243,608
Pā'ia	80,231	88,112	86,890	94,918	112,019
Pukalani	0	97,421	101,963	112,963	131,457
Wailuku	226,674	259,527	291,717	310,331	392,812
Kaunakakai	77,856	89,560	90,813	95,985	113,504
Lāna'i City	36,266	38,397	40,494	42,785	50,490
Total	\$3,152,183	\$3,392,555	\$3,516,590	\$3,688,652	\$4,306,116

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, 2020

Name	Location	Assets (\$)	Loans (\$)	Members
Kahului	Kahului	\$65,418,166	\$19,880,201	4,034
Lānaʻi	Lānaʻi City	\$32,949,075	\$1,427,712	1,829
Maui	Kahului	\$122,127,464	\$31,917,294	7,379
Maui County	Wailuku	\$359,987,703	\$141,440,363	19,738
Maui Teachers	Wailuku	\$37,333,804	\$8,863,232	1,583
Molokaʻi Community	Kaunakakai	\$31,344,495	\$13,934,190	4,088
Valley Isle Community	Kahului	\$138,989,069	\$48,767,318	12,950
Wailuku	Kahului	\$77,395,157	\$47,061,249	4,857
Maui County Total		\$865,544,933	\$313,291,559	56,458

SOURCE: NATIONAL CREDIT UNION ADMINISTRATION, FINANCIAL PERFORMANCE REPORTS.

9.1.4

FEDERAL CREDIT UNION CHARACTERISTICS MAUI COUNTY

	2017	2018	2019	2020
Number of credit unions	8	8	8	8
Total members	56,243	56,920	56,874	56,458
Total assets	\$727,026,938	\$740,063,006	\$762,596,439	\$865,544,933
Total shares and deposits	\$623,132,912	\$631,440,754	\$647,446,278	\$753,498,362
Number of shares & deposit accounts	86,696	88,331	89,994	90,219
Total loans	\$298,438,107	\$308,841,139	\$329,143,329	\$313,291,559
Number of loans	30,559	30,465	29,308	32,924

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					
2013	80,800	87,000	449,050	34,750	651,550
2014	83,400	88,650	458,000	35,450	665,450
2015	85,150	89,900	462,750	36,000	673,800
2016	87,200	93,050	466,150	36,800	683,200
2017	88,300	93,550	464,750	37,200	683,800
2018	88,100	92,450	458,050	36,600	675,200
2019	86,750	91,150	450,550	36,550	665,000
2020 ¹	83,850	89,050	437,000	35,650	645,550
Employed					
2013	76,650	81,250	429,000	32,800	619,700
2014	79,650	83,800	439,300	33,750	636,500
2015	82,050	86,000	447,200	34,600	649,800
2016	84,550	89,700	453,150	35,650	663,050
2017	86,050	90,900	453,900	36,300	667,150
2018	85,950	89,650	447,000	35,650	658,250
2019	84,450	88,000	438,950	35,550	646,950
2020 ¹	68,850	78,850	391,800	29,850	569,300
Unemployed					
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	20,150
2017	2,250	2,650	10,850	900	16,650
2018	2,150	2,800	11,050	950	16,950
2019	2,250	3,150	11,650	1,000	18,000
2020 ¹	15,000	10,300	45,200	5,800	76,300
Percent Unemployed					
2013	5.1	6.6	4.5	5.6	4.9
2014	4.5	5.5	4.1	4.7	4.4
2015	3.6	4.3	3.4	3.9	3.6
2016	3.0	3.6	2.8	3.1	3.0
2017	2.6	2.8	2.3	2.4	2.4
2018	2.4	3.0	2.4	2.5	2.5
2019	2.6	3.4	2.6	2.7	2.7
2020 ¹	18.0	11.7	10.5	16.3	12.0

1. Disruption caused by the COVID-19 pandemic.

Note: Data for 2013 to 2019 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				
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	75,450	2,750	1,550	79,750
2011	77,000	2,650	1,550	81,250
2012	75,900	2,600	1,500	80,000
2013	76,700	2,450	1,650	80,800
2014	79,150	2,550	1,650	83,400
2015	81,050	2,500	1,600	85,150
2016	83,000	2,600	1,650	87,200
2017	84,300	2,450	1,600	88,300
2018	83,950	2,450	1,650	88,100
2019	82,600	2,400	1,700	86,750
2020 ¹	79,850	2,300	1,700	83,850
Employment				
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	69,200	2,400	1,450	73,000
2011	71,050	2,350	1,500	74,900
2012	71,200	2,250	1,500	74,900
2013	72,850	2,200	1,600	76,650
2014	75,750	2,250	1,650	79,650
2015	78,200	2,300	1,500	82,050
2016	80,600	2,400	1,550	84,550
2017	82,200	2,300	1,550	86,050
2018	82,000	2,300	1,600	85,950
2019	80,500	2,250	1,700	84,450
2020 ¹	65,200	2,150	1,550	68,850

CONTINUES ON THE NEXT PAGE

9.2.2
CONTINUED

	Maui	Moloka'i	Lāna'i	Maui County
Unemployment				
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	1,950	150	*	2,150
2019	2,100	150	*	2,250
2020 ¹	14,700	150	150	15,000
Percent Unemployed				
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	8.3	12.9	7.0	8.5
2011	7.7	14.6	5.2	7.8
2012	6.2	13.9	2.5	6.4
2013	5.0	10.1	3.2	5.1
2014	4.3	11.6	2.8	4.5
2015	3.5	8.8	3.7	3.6
2016	2.9	7.0	4.7	3.0
2017	2.5	6.0	3.4	2.6
2018	2.3	6.3	2.2	2.4
2019	2.5	6.2	1.5	2.6
2020 ¹	18.4	7.6	8.3	18.0

1. Disruption caused by the COVID-19 pandemic. *: Data is less than 50

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 2010 to 2019 reflect revised population controls and model reestimation.

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 MSA**

Race and Sex, 2020	Civilian Labor Force	Percent Distribution		Civilian Labor Force	Percent Distribution		Unemployment Rate
		Employed	Unemployed ¹		Employed	Unemployed	
Both Sexes	82,800	68,050	14,750	100.0%	100.0%	100.0%	17.8%
White	29,800	25,200	4,550	36.0%	37.1%	30.9%	15.3%
Black/African American	500	500	0	0.6%	0.7%	0.0%	0.0%
American Indian/ Alaska Native	150	150	0	0.2%	0.3%	0.0%	0.0%
Asian	20,350	18,100	2,250	24.6%	26.6%	15.2%	11.1%
Native Hawaiian/ Pacific Islander	8,300	5,750	2,550	10.0%	8.4%	17.1%	30.5%
Some Other Race	1,600	1,050	550	1.9%	1.5%	3.8%	35.0%
Two or More Races	15,100	11,750	3,350	18.2%	17.3%	22.7%	22.1%
Hispanic or Latino	7,050	5,550	1,500	8.5%	8.1%	10.3%	21.6%
Minority Group	53,050	42,850	10,200	64.0%	62.9%	69.1%	19.2%
Females	37,450	32,300	5,200	100.0%	100.0%	100.0%	13.9%
White	12,900	11,350	1,550	34.4%	35.1%	29.6%	11.9%
Black/African American	100	100	0	0.2%	0.3%	0.0%	0.0%
American Indian/ Alaska Native	100	100	0	0.3%	0.3%	0.0%	0.0%
Asian	10,250	9,400	850	27.3%	29.1%	16.1%	8.2%
Native Hawaiian/ Pacific Islander	3,400	2,550	850	9.0%	7.9%	16.1%	24.7%
Some Other Race	900	500	400	2.5%	1.6%	8.1%	45.3%
Two or More Races	6,850	5,750	1,150	18.3%	17.8%	21.8%	16.5%
Hispanic or Latino	3,000	2,550	450	8.0%	7.9%	8.3%	14.4%
Minority Group	24,600	20,950	3,650	65.6%	64.9%	70.4%	14.9%
Females as % of both Sexes	45.2%	47.4%	35.2%	-	-	-	-

1. Disruption caused by the COVID-19 pandemic.

Note: Totals may not add due to rounding. Does not include Kalawao County. MSA: Metropolitan Statistical Area.

SOURCE: STATE OF HAWAII, DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, ESTIMATES BASED ON 2019 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, 2020 ¹	Maui	Moloka'i	Lāna'i	Maui County
TOTAL NONAGRICULTURAL - Wage & Salary Jobs	60,600	1,800	1,500	63,800
TOTAL PRIVATE	52,700	1,100	1,300	55,000
Goods Producing	5,000	*		5,200
Natural Resources & Mining & Construction	4,000	**	*	4,100
Special Trade Contractors	2,300			2,300
Manufacturing	1,000	*		1,100
Durable Goods	300			300
Non-Durable Goods	700			800
Service Providing	55,600	1,700	1,400	58,700
Private Service Providing	47,700	1,000	1,200	49,900
Trade, Transportation & Utilities	14,200	300	100	14,600
Wholesale Trade	1,400	**	**	1,500
Retail Trade	9,200	200	*	9,400
Food & Beverage Stores	2,500	10	**	2,700
Clothing & Clothing Accessories Stores	900			900
General Merchandise	1,800			1,800
Transportation, Warehousing & Utilities	3,600	*	**	3,700
Air Transportation	500			500
Information	400	**	**	400
Financial Activities	2,800	*	100	3,000
Finance & Insurance	800	**	**	800
Professional & Business Services	6,400	**	200	6,600
Professional, Scientific & Technical Services	1,500	**	**	1,500
Management of Companies & Enterprises	200			300
Administrative & Support & Waste Management & Remediation Services	4,700			4,800
Education & Health Services	8,600	300	100	9,000
Education Services	1,000			1,000
Health Care & Social Assistance	7,500	300	100	8,000
Leisure and Hospitality	12,700	200	600	13,400
Accommodation & Food Services	11,800	200	600	12,500
Accommodation	5,500	*	500	6,000
Food Services and Drinking Places	6,400	100	*	6,600
Full-Service Restaurants	4,300			4,400
Other Services	2,700	100	*	2,900
GOVERNMENT	7,900	700	200	8,800
Federal Government	900	**	**	900
State Government	4,700	500	100	5,300
State Education (DOE & UH)	3,500	400	100	3,900
Local Government	2,400	100	*	2,600

1. Disruption caused by the COVID-19 pandemic. *Fewer than 100. **Fewer than 50.

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, KAHULUI-WAILUKU-LAHAINA

2020 Rank	Occupation	Estimated Employees	Annual Mean Wage	Statewide Annual Wage
1	Retail Salespersons	3,160	\$33,850	\$35,280
2	Waiters and Waitresses	2,590	\$57,210	\$60,010
3	Maids and Housekeeping Cleaners	2,570	\$39,670	\$39,600
4	Fast Food and Counter Workers	2,130	\$28,170	\$27,540
5	Cashiers	1,780	\$31,980	\$29,290
6	Office Clerks, General	1,580	\$37,170	\$37,250
7	Landscaping and Groundskeeping Workers	1,550	\$37,980	\$39,250
8	Cooks, Restaurant	1,320	\$45,200	\$36,960
9	Maintenance and Repair Workers, General	1,210	\$51,240	\$50,060
10	Registered Nurses	1,160	\$101,080	\$104,830

SOURCE: U.S. BUREAU OF LABOR STATISTICS, MARCH 2021.

9.2.6

INCOME FOR HOUSEHOLDS AND FAMILIES MAUI COUNTY

Income (in Inflation-Adjusted Dollars)	2018		2019	
	Households	Families	Households	Families
Total number	52,794	38,425	54,744	36,904
Less than \$10,000	1,726	716	3,312	1,809
\$10,000 to \$14,999	1,044	102	1,140	460
\$15,000 to \$24,999	3,110	1,654	3,147	1,769
\$25,000 to \$34,999	4,126	2,513	3,597	1,035
\$35,000 to \$49,999	6,145	3,840	4,712	2,946
\$50,000 to \$74,999	7,892	6,146	9,862	7,280
\$75,000 to \$99,999	7,374	6,225	8,054	5,977
\$100,000 to \$149,999	11,229	9,174	10,247	7,520
\$150,000 to \$199,999	4,125	3,333	5,706	4,673
\$200,000 or more	6,023	4,722	4,967	3,435
Median income	\$82,885	\$91,725	\$80,754	\$90,983
Mean income	\$105,494	\$113,958	\$99,883	\$107,640

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
	2016	2026			
Total Employment, All Jobs	84,180	90,310	6,130	7.3%	0.7%
Goods Producing	6,370	6,550	180	2.8%	0.3%
Natural Resources & Mining	1,290	1,080	-210	-16.5%	-1.6%
Construction	3,910	4,460	540	13.9%	1.4%
Manufacturing	1,170	1,010	-150	-13.3%	-1.3%
Service Providing	77,810	83,760	5,950	7.6%	0.8%
Trade, Transportation, & Utilities	15,420	16,350	930	6.0%	0.6%
Wholesale Trade	1,500	1,620	120	8.0%	0.8%
Retail Trade	9,770	10,090	320	3.3%	0.3%
Transportation & Warehousing	3,670	4,150	470	12.9%	1.3%
Utilities	480	490	10	1.9%	0.2%
Information	560	530	-30	-5.6%	-0.6%
Financial Activities	2,930	3,010	80	2.7%	0.3%
Finance & Insurance	820	820	<10	0.1%	0.0%
Real Estate & Rental & Leasing	2,110	2,190	80	3.6%	0.4%
Professional & Business Services	7,030	7,820	790	11.2%	1.1%
Professional, Scientific, & Technical Services	1,500	1,560	70	4.4%	0.4%
Management of Companies & Enterprises	240	280	40	17.6%	1.8%
Administrative & Support & Waste Management	5,290	5,980	690	13.1%	1.3%
Education & Health Services	11,630	13,470	1,840	15.8%	1.6%
Educational Services	4,460	4,840	380	8.4%	0.8%
Health Care & Social Assistance	7,170	8,630	1,460	20.3%	2.0%
Leisure & Hospitality	24,030	25,360	1,330	5.5%	0.6%
Arts, Entertainment, & Recreation	2,180	2,460	280	12.8%	1.3%
Accommodation & Food Services	21,850	22,900	1,050	4.8%	0.5%
Accommodation	12,100	12,370	270	2.2%	0.2%
Food Services & Drinking Places	9,750	10,530	780	8.0%	0.8%
Other Services (Except Government)	2,980	3,290	310	10.4%	1.0%
Government¹	5,080	5,290	210	4.1%	0.4%
Total Self-Employed & Unpaid Family Workers	8,150	8,660	510	6.2%	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, 2020

All claimants

Characteristic	Maui/Lānaʻi Annual Average	Percent of Total	Molokaʻi Annual Average	Percent of Total
Total¹	13,223	100.0	167	100.0
Sex				
Male	6,165	46.6	70	42.1
Female	7,058	53.4	97	57.9
Industry				
State	187	1.4	24	14.5
County	0	0.0	0	0.1
Agriculture/Forestry/Fishing	39	0.3	17	10.1
Mining	0	0.0	0	0.0
Utilities	3	0.0	0	0.0
Construction	463	3.5	9	5.6
Manufacturing	84	0.6	3	1.9
Wholesale Trade	152	1.1	2	1.2
Retail Trade	688	5.2	4	2.1
Transportation/Warehousing	744	5.6	15	8.9
Information	60	0.5	1	0.4
Finance/Insurance	21	0.2	1	0.3
Real Estate/Rental/Leasing	316	2.4	5	2.8
Professional/Tech. Services	164	1.2	3	1.7
Management of Companies	28	0.2	0	0.0
Admin/Waste Services	1,727	13.1	10	5.7
Education	63	0.5	2	1.0
Health Care/Social Assistance	256	1.9	21	12.6
Arts/Entertainment/Recreation	343	2.6	0	0.2
Accommodation/Food Services	5,842	44.2	25	14.6
Other Services	360	2.7	7	4.3
Public Administration	0	0.0	0	0.0
Information not available	1,680	12.7	20	11.7
Age				
Under 22	606	4.6	7	4.1
22 to 24	727	5.5	13	7.5
25 to 34	3,090	23.4	43	25.9
35 to 44	2,977	22.5	36	21.2
45 to 54	2,538	19.2	21	12.6
55 to 64	2,294	17.3	32	18.9
65 and over	992	7.5	16	9.7
Duration				
1 to 4 weeks	3,030	22.9	50	30.1
5 to 14 weeks	5,367	40.6	70	41.7
15 and over	4,826	36.5	47	28.2

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9.3.1

CONTINUED

Characteristic	Maui/Lānaʻi		Molokaʻi	
	Annual Average	Percent of Total	Annual Average	Percent of Total
Occupation				
Management	218	1.7	1	0.7
Business/Finance	48	0.4	0	0.2
Computer/Math	12	0.1	1	0.5
Architecture/Engineer	23	0.2	0	0.0
Life/Physical/Social Science	13	0.1	1	0.5
Community/Social Services	17	0.1	1	0.5
Legal	13	0.1	0	0.0
Education/Training/Library	27	0.2	2	1.0
Arts/Entertainment/Sports	53	0.4	1	0.4
Health Practitioner/Tech.	38	0.3	1	0.4
Healthcare Support	44	0.3	2	1.4
Protective Services	14	0.1	0	0.0
Food Preparation/Serving	913	6.9	3	1.7
Building/Grounds Maintenance	354	2.7	2	1.0
Personal Care/Service	285	2.2	1	0.8
Sales	347	2.6	1	0.6
Office/Administrative Support	260	2.0	4	2.4
Farm/Fishing/Forestry	11	0.1	5	2.9
Construction	289	2.2	7	4.2
Installation/Repair	78	0.6	2	1.3
Production	74	0.6	1	0.4
Transportation/Moving	140	1.1	3	1.6
Information not available	9,954	75.3	129	77.0
Ethnicity				
American Indian	57	0.4	1	0.4
Chinese	42	0.3	1	0.6
Filipino	2,734	20.7	15	9.1
Japanese	351	2.7	1	0.6
Other Asian	126	1.0	1	0.7
Black	76	0.6	0	0.0
Hawaiian	1,200	9.1	63	37.9
Other Pacific Islander	345	2.6	4	2.4
White & Latino	2,692	20.4	10	5.7
Other	5,594	42.3	71	42.4
Information not available	6	0.0	0	0.0

1. Disruption caused by the COVID-19 pandemic.

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 2020.

9.3.2

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

Labor Force Status	2016	2017	2018	2019
Persons 16 Years and Over	132,011	133,300	134,611	134,718
In labor force	88,807	88,831	88,820	89,472
Civilian labor force	88,807	88,353	88,036	89,051
Employed	85,569	84,476	84,943	85,790
Unemployed	3,238	3,877	3,093	3,261
Armed forces	0	478	784	421
Not in labor force	43,204	44,469	45,791	45,246
Males 16 Years and Over	64,619	65,928	66,802	65,509
In labor force	45,842	45,241	44,373	45,785
Civilian labor force	45,842	44,808	43,898	45,431
Employed	43,792	42,864	42,258	43,672
Unemployed	2,050	1,944	1,640	1,759
Armed forces	0	433	475	354
Not in labor force	18,777	20,687	22,429	19,724
Females 16 Years and Over	67,392	67,372	67,809	69,209
In labor force	42,965	43,590	44,447	43,687
Civilian labor force	42,965	43,545	44,138	43,620
Employed	41,777	41,612	42,685	42,118
Unemployed	1,188	1,933	1,453	1,502
Armed forces	0	45	309	67
Not in labor force	24,427	23,782	23,362	25,522

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

9.3.3

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

2019	Total	Armed Forces	Not in Labor Force	Civilian Labor Force			
				Total	Employed	Unemployed	% Unemployed
Maui Island							
Haiku-Pauwela CDP	7,174	0	2,828	4,346	4,181	165	2.3%
Hāli'imaile CDP	942	6	330	606	573	33	3.5%
Hāna CDP	628	0	241	387	365	22	3.5%
Kā'anapali CDP	859	0	492	367	367	0	0.0%
Kahului CDP	24,671	13	8,457	16,201	15,567	634	2.6%
Kapalua CDP	276	0	140	136	135	1	0.4%
Kēōkea CDP	1,756	3	625	1,128	1,085	43	2.4%
Kīhei CDP	18,251	160	5,429	12,662	12,151	511	2.8%
Kula CDP	6,389	28	2,437	3,924	3,815	109	1.7%
Lahaina CDP	10,074	29	2,767	7,278	6,879	399	4.0%
Launiupoko CDP	450	0	143	307	307	0	0.0%
Ma'alaea CDP	254	3	124	127	122	5	2.0%
Mahinahina CDP	723	3	171	549	547	2	0.3%
Makawao CDP	5,890	0	1,816	4,074	4,012	62	1.1%
Mākena CDP	115	0	71	44	42	2	1.7%
Nāpili-Honokōwai CDP	5,570	34	1,401	4,135	4,067	68	1.2%
Olinda CDP	934	4	345	585	551	34	3.6%
Olowalu CDP	88	0	23	65	65	0	0.0%
Pā'ia CDP	1,766	0	468	1,298	1,237	61	3.5%
Pukalani CDP	6,450	0	2,181	4,269	4,103	166	2.6%
Waihe'e-Waiehū CDP	7,429	0	2,268	5,161	5,010	151	2.0%
Waikapū CDP	2,678	12	688	1,978	1,942	36	1.3%
Wailea CDP	5,408	43	2,031	3,334	3,175	159	2.9%
Wailuku CDP	13,569	5	4,105	9,459	8,890	569	4.2%
Moloka'i							
Kaunakakai CDP	2,324	0	1,028	1,296	1,249	47	2.0%
Kualapu'u CDP	1,276	3	582	691	661	30	2.4%
Maunaloa CDP	227	0	108	119	109	10	4.4%
Ualapu'e CDP	355	5	142	208	206	2	0.6%
Lāna'i							
Lāna'i City CDP	2,319	16	949	1,354	1,327	27	1.2%
Manele CDP	25	0	23	2	2	0	0.0%

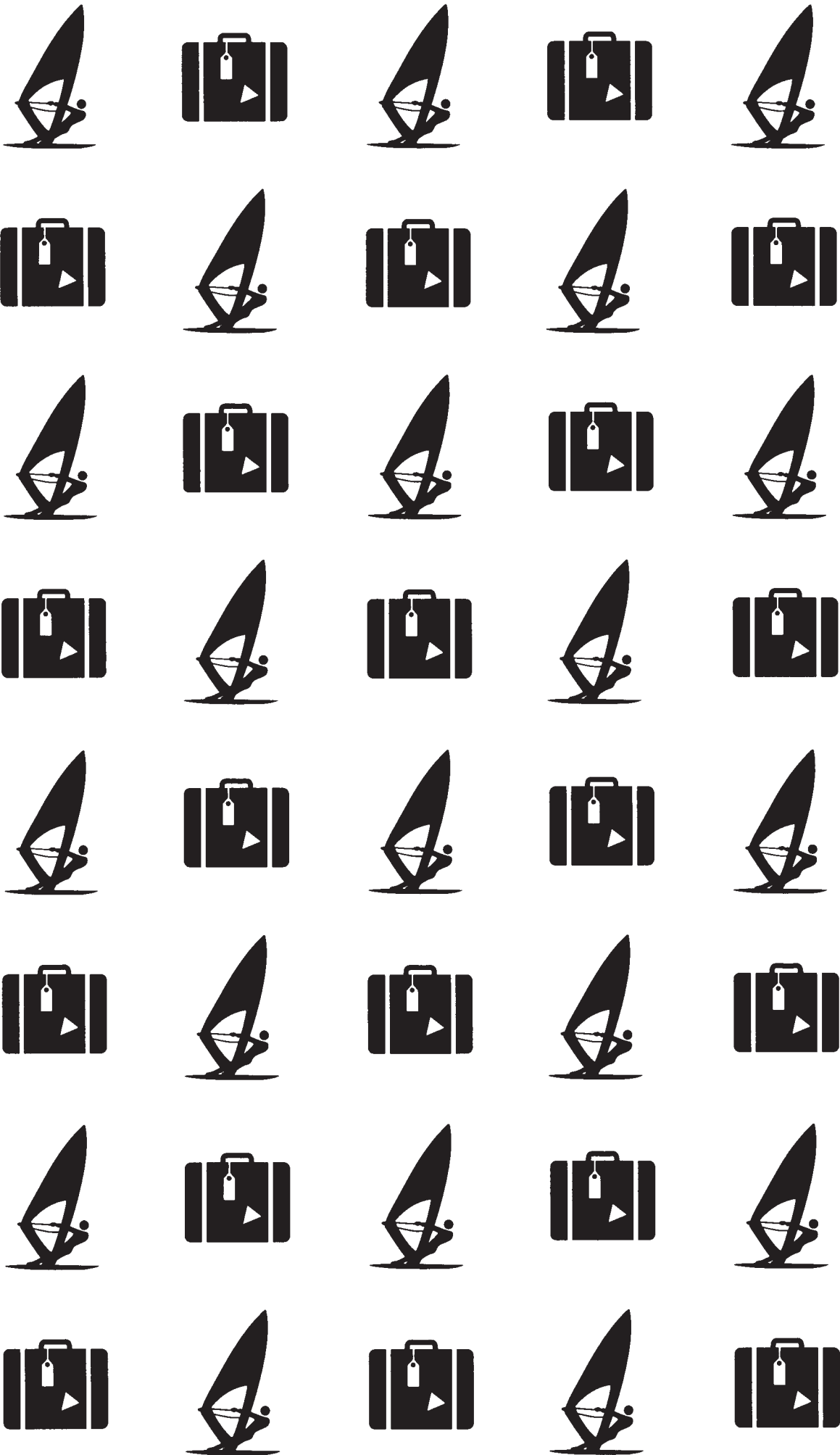
SOURCE: U.S. CENSUS BUREAU, AMERICAN COMMUNITY SURVEY 2015-2019 FIVE-YEAR ESTIMATES.

9.3.4

**WORKERS' COMPENSATION STATISTICS
MAUI COUNTY**

	2015	2016	2017	2018	2019
Maui					
Reported	2,816	2,732	2,686	2,785	2,822
Processed	5,679	5,353	5,123	5,204	5,313
With cost	4,080	4,005	3,708	3,778	3,812
Cost	\$35,527,485	\$38,148,063	\$38,252,727	\$41,298,645	\$40,978,912
Days lost	125,178	121,896	113,135	111,827	124,245
Moloka'i					
Reported	65	58	52	46	59
Processed	140	125	109	110	123
With cost	83	85	72	64	85
Cost	\$844,884	\$745,304	\$731,548	\$524,128	\$731,963
Days lost	2,601	2,549	2,098	2,288	4,273
Lāna'i					
Reported	98	99	78	117	139
Processed	195	182	163	181	217
With cost	153	144	114	122	144
Cost	\$2,284,220	\$1,648,290	\$2,019,567	\$1,310,617	\$1,122,347
Days lost	4,869	4,711	4,640	4,498	4,163
Maui County					
Reported	2,979	2,889	2,816	2,948	3,020
Processed	6,014	5,660	5,395	5,495	5,653
With cost	4,316	4,234	3,894	3,964	4,041
Cost	\$38,656,589	\$40,451,657	\$41,003,842	\$43,133,390	\$42,833,222
Days lost	132,648	129,156	119,873	118,613	132,681
Reported fatality	3	2	3	3	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.

2019 was a record year in terms of tourism: 3,111,131 visitor arrivals in Maui County.

10.1.1

VISITORS TO MAUI COUNTY BY MONTH

Arrivals by air

2019	Maui	Moloka'i	Lāna'i	Maui County
All Visitors				
January	233,422	5,567	6,425	237,371
February	221,603	5,542	6,208	225,795
March	271,934	4,948	8,964	277,578
April	247,984	4,395	5,395	251,418
May	251,665	5,008	6,580	255,552
June	295,926	5,776	9,020	300,512
July	307,834	6,665	9,190	313,046
August	273,638	4,860	7,739	278,345
September	210,108	5,323	5,770	213,449
October	238,043	4,314	6,439	241,527
November	232,330	4,472	5,368	235,686
December	275,419	6,163	7,004	280,852
Total	3,059,905	63,035	84,103	3,111,131
Domestic Visitors				
January	181,168	4,228	4,364	184,777
February	173,398	3,738	4,470	177,113
March	220,739	3,620	4,836	224,362
April	209,546	3,347	4,404	212,706
May	225,088	3,722	5,236	228,562
June	262,763	3,726	5,668	266,224
July	275,731	4,168	5,621	279,368
August	243,943	3,594	5,246	247,020
September	182,373	2,933	4,287	184,858
October	204,416	3,093	4,503	207,356
November	194,777	3,170	4,362	197,977
December	235,855	4,964	5,803	240,464
Total	2,609,798	44,304	58,799	2,650,787
International Visitors				
January	52,254	1,338	2,061	52,593
February	48,205	1,804	1,738	48,683
March	51,194	1,328	4,128	53,217
April	38,439	1,048	991	38,712
May	26,576	1,286	1,345	26,990
June	33,163	2,050	3,352	34,288
July	32,103	2,497	3,569	33,678
August	29,694	1,266	2,493	31,325
September	27,734	2,390	1,483	28,591
October	33,626	1,221	1,935	34,171
November	37,553	1,302	1,006	37,709
December	39,565	1,199	1,201	40,388
Total	450,107	18,730	25,304	460,345

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

10.1.2

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

Arrivals by air

	2015	2016	2017	2018	2019
Length of Stay (days)					
All Visitors					
Maui	8.19	8.14	8.05	8.07	7.92
Moloka'i	4.42	4.84	4.76	4.83	4.54
Lāna'i	2.79	3.51	3.40	3.41	3.20
Domestic					
Maui	8.42	8.32	8.22	8.21	8.02
Moloka'i	5.12	5.52	5.67	5.88	5.70
Lāna'i	3.18	3.96	4.01	4.08	3.95
International					
Maui	7.12	7.31	7.19	7.36	7.32
Moloka'i	2.06	2.79	2.52	2.14	1.79
Lāna'i	1.56	1.91	1.61	1.67	1.47
Average Daily Census					
All Visitors					
Maui	56,981	58,599	60,506	64,473	66,363
Moloka'i	784	779	763	780	783
Lāna'i	446	604	599	701	738
Domestic					
Maui	48,089	49,365	51,130	54,747	57,341
Moloka'i	699	667	646	683	691
Lāna'i	386	533	527	607	636
International					
Maui	8,893	9,234	9,376	9,727	9,022
Moloka'i	84	112	117	96	92
Lāna'i	60	71	72	95	102

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
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
2018	65,954	35,024	28,463	110,901	240,341
2019	67,885	35,556	27,695	114,596	245,733

SOURCE: HAWAII TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.1.4

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

Arrivals by air

2019	Maui	Moloka'i	Lāna'i	County	State
Anchorage	15,796	787	222	16,470	61,598
Atlanta	20,469	423	752	20,847	58,246
Austin	17,965	342	478	18,219	44,983
Bakersfield	6,045	86	112	6,126	18,307
Baltimore	9,444	222	220	9,613	29,713
Bellingham	7,157	130	92	7,246	16,667
Boise City	13,044	245	275	13,310	36,152
Boston	22,448	404	621	22,783	58,947
Bremerton	6,399	143	95	6,548	22,354
Charlotte	7,227	122	266	7,335	18,953
Chicago	61,120	955	1,572	61,978	135,075
Cincinnati	8,590	138	199	8,690	19,511
Cleveland	6,989	140	213	7,092	16,073
Colorado Springs	6,705	135	166	6,834	23,315
Dallas	50,631	664	1,389	51,373	123,234
Denver	47,857	730	1,028	48,560	119,357
Detroit	16,927	288	414	17,156	38,791
Eugene	7,540	149	120	7,669	19,979
Fresno	10,240	164	183	10,367	27,048
Houston	29,444	432	850	29,840	80,373
Indianapolis	8,700	124	150	8,797	20,568
Kansas City	12,980	208	344	13,168	32,635
Las Vegas	26,139	529	701	26,716	89,654
Los Angeles	254,705	3,249	5,840	259,050	777,048
Miami	12,481	274	499	12,735	33,404
Minneapolis	30,159	413	645	30,570	78,563
Modesto	8,368	118	138	8,475	20,065
New York	70,735	1,269	2,633	72,135	179,873
Ogden	10,787	145	249	10,977	34,661
Olympia	6,842	121	113	6,948	19,970

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10.1.4
CONTINUED

2019	Maui	Molokaʻi	Lānaʻi	County	State
Orlando	7,362	146	239	7,489	21,813
Oxnard	20,825	250	453	21,120	56,167
Philadelphia	19,447	406	543	19,723	47,416
Phoenix	67,395	938	1,531	68,335	171,534
Pittsburgh	6,577	104	210	6,673	16,617
Portland	82,505	1,356	1,359	83,816	213,886
Provo	10,772	180	213	10,994	40,413
Reno	11,413	158	187	11,559	29,060
Riverside-San Bernardino	53,311	716	1,064	54,112	160,614
Sacramento	75,998	992	1,095	76,771	178,160
Salem	8,262	141	122	8,395	21,457
Salinas	7,077	96	109	7,177	19,737
Salt Lake City	22,365	297	488	22,735	68,664
San Antonio	9,341	203	296	9,514	31,064
San Diego	79,146	1,187	1,597	80,312	239,046
San Francisco	220,199	2,412	3,763	222,897	605,467
San Jose	91,595	745	1,362	92,413	247,714
San Luis Obispo	7,153	160	132	7,278	18,837
Santa Cruz	10,813	192	175	11,010	29,434
Santa Maria	8,144	147	184	8,321	24,136
Santa Rosa	17,744	221	269	17,950	42,996
Seattle	146,918	2,411	2,392	149,372	410,664
Spokane	11,866	190	185	12,029	30,735
St. Louis	13,073	200	436	13,274	31,528
Stockton	12,920	155	191	13,075	35,466
Tampa	8,173	173	277	8,306	22,740
Tucson	8,621	169	218	8,739	25,598
Vallejo	12,064	159	174	12,223	34,889
Virginia Beach	3,750	126	126	3,833	18,967
Washington D.C.	31,087	614	964	31,672	103,301

CBSA: Core Based Statistics Area

SOURCE: HAWAIIʻI 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
2018	490,187	2,473,377	251,749	2,963,564
2019	460,345	2,650,787	273,050	3,111,131

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

2019	Maui	Molokaʻi	Lānaʻi
Total	3,059,905	63,035	84,103
United States	2,449,124	42,603	59,810
Canada	276,825	4,840	5,700
Asia	101,325	3,679	3,824
China	19,387	718	847
Hong Kong	815	127	47
Japan	46,684	1,941	2,300
Korea	29,303	846	499
Singapore	1,207	1	1
Taiwan	3,928	46	130
Oceania	60,582	4,680	6,129
Australia	50,563	4,195	5,197
New Zealand	10,018	484	932
Europe	60,596	1,772	1,630
United Kingdom	14,751	287	530
France	8,341	151	385
Germany	23,802	776	293
Italy	5,753	110	64
Switzerland	7,949	448	359
Latin America	9,024	308	569
Argentina	2,195	39	361
Brazil	3,268	88	93
Mexico	3,561	181	115
Other	102,430	5,153	6,440

SOURCE: HAWAIIʻI TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.1.7

TOTAL AIR SEATS OPERATED TO KAHULUI AIRPORT

	2016	2017	2018	2019
TOTAL SEATS	2,334,832	2,329,750	2,626,225	2,895,680
Scheduled	2,332,192	2,328,461	2,622,292	2,892,014
Charter	2,640	1,289	3,933	3,666
DOMESTIC SEATS	2,124,832	2,124,475	2,407,806	2,672,036
Scheduled Seats	2,122,192	2,123,186	2,403,873	2,668,370
Charter Seats	2,640	1,289	3,933	3,666
US West	1,989,765	1,982,732	2,186,558	2,449,879
Anchorage	11,982	11,448	11,607	15,900
Bellingham	13,906	13,674	13,515	8,904
Denver	36,335	37,518	61,685	116,740
Denver	0	0	0	1890
Los Angeles	600,975	626,990	637,353	643,928
Oakland	153,147	151,314	131,832	215,080
Phoenix	110,700	99,416	95,316	94,400
Portland	102,175	98,898	168,940	178,854
Sacramento	59,458	58,035	58,035	109,281
Salt Lake City	0	2,486	16,498	16,783
San Diego	72,001	61,533	106,426	127,020
San Francisco	403,513	409,835	457,662	463,447
San Jose	147,609	136,568	144,631	159,796
Seattle	277,964	275,017	283,058	297,316
US East	132,427	140,454	217,315	218,491
Chicago	21,672	21,520	74,984	70,252
Dallas	110,755	118,934	142,331	148,239
INTERNATIONAL SEATS	210,000	205,275	218,419	223,644
Canada	210,000	205,275	218,419	223,644
Calgary	39,456	40,859	48,171	45,607
Edmonton	14,574	10,480	10,480	8,646
Vancouver	155,970	153,936	159,768	169,391

SOURCE: HAWAII TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.1.8

**HOTEL OCCUPANCY AND ROOM RATES
MAUI ISLAND**

Month, 2019	Occupancy	Average Daily Rate (\$)	Revenue per Available Room (\$)
January	75.6%	438.99	331.88
February	80.4%	437.36	351.64
March	78.4%	424.51	332.82
April	78.9%	387.16	305.47
May	76.3%	345.33	263.49
June	80.9%	393.58	318.41
July	82.2%	436.41	358.73
August	78.6%	389.23	305.93
September	72.7%	318.62	231.64
October	76.3%	328.62	250.74
November	74.9%	354.19	265.29
December	76.8%	540.05	414.76
Total	77.7%	\$399.50	\$310.41

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

10.2.1

CLASS OF VISITOR ACCOMMODATION UNITS BY ISLAND

	2016	2017	2018	2019	2020
Maui					
Budget (up to \$100)	1.6%	1.5%	1.1%	0.8%	0.7%
Standard (\$101 to \$250)	18.7%	18.9%	17.6%	18.1%	18.5%
Deluxe (\$251 to \$500)	23.4%	25.9%	20.2%	25.2%	26.1%
Luxury (over \$500 per night)	56.3%	53.7%	61.1%	55.9%	54.7%
Moloka'i					
Budget (up to \$100)	6.7%	7.2%	6.1%	2.2%	0.6%
Standard (\$101 to \$250)	88.9%	88.0%	89.8%	93.5%	94.8%
Deluxe (\$251 to \$500)	4.4%	3.6%	3.1%	3.8%	4.0%
Luxury (over \$500 per night)	0.0%	1.2%	1.0%	0.5%	0.6%
Lāna'i					
Budget (up to \$100)	0.0%	0.0%	0.0%	0.0%	0.0%
Standard (\$101 to \$250)	4.5%	2.6%	1.8%	2.6%	1.2%
Deluxe (\$251 to \$500)	26.3%	3.9%	0.0%	3.9%	29.7%
Luxury (over \$500 per night)	69.2%	93.4%	98.2%	93.4%	69.1%
Hawai'i Island					
Budget (up to \$100)	8.9%	9.6%	10.1%	10.6%	10.7%
Standard (\$101 to \$250)	27.0%	19.7%	21.3%	23.4%	24.5%
Deluxe (\$251 to \$500)	43.5%	41.5%	38.8%	35.3%	32.7%
Luxury (over \$500 per night)	20.6%	29.2%	29.7%	30.7%	32.0%
Kaua'i					
Budget (up to \$100)	2.1%	4.2%	2.4%	2.4%	2.4%
Standard (\$101 to \$250)	31.8%	35.8%	33.7%	32.5%	32.6%
Deluxe (\$251 to \$500)	29.7%	20.5%	20.9%	23.4%	22.1%
Luxury (over \$500 per night)	36.4%	39.5%	43.0%	41.8%	43.0%
O'ahu					
Budget (up to \$100)	2.8%	2.3%	5.4%	2.4%	2.4%
Standard (\$101 to \$250)	28.6%	25.4%	26.1%	29.6%	29.8%
Deluxe (\$251 to \$500)	39.2%	42.9%	35.1%	33.5%	34.8%
Luxury (over \$500 per night)	29.4%	29.4%	33.5%	34.5%	33.0%
Statewide					
Budget (up to \$100)	3.5%	3.4%	4.9%	3.2%	3.2%
Standard (\$101 to \$250)	26.4%	24.0%	24.3%	26.5%	26.7%
Deluxe (\$251 to \$500)	35.4%	36.9%	30.9%	30.7%	31.2%
Luxury (over \$500 per night)	34.6%	35.7%	39.9%	39.7%	38.9%

Note: Totals may not sum to 100% due to rounding. Based on 48,259 units (59.4 percent of the total units in 2020) for which information on the class of units was available.

SOURCE: HAWAII TOURISM AUTHORITY, VISITOR PLANT INVENTORY.

10.2.2

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

	2017		2018		2019		2020	
	Prop	Units	Prop	Units	Prop	Units	Prop	Units
Maui								
Apartment/Hotel	0	15	0	15	0	15	0	15
Bed & Breakfast	42	168	38	159	34	136	58	192
Condo Hotel	52	4,402	53	4,189	56	4,334	52	4,112
Hostel	3	48	3	48	3	62	3	62
Hotel	34	7,742	31	7,372	30	7,295	29	7,251
Vacation Rental Unit	323	5,472	220	5,912	207	5,749	229	6,056
Timeshare	22	3,379	23	3,648	29	3,655	27	3,679
Other	2	24	2	24	3	48	2	40
Total	478	21,250	370	21,367	362	21,294	400	21,407
Moloka'i								
Apartment/Hotel	0	0	0	0	0	0	0	0
Bed & Breakfast	1	1	1	1	2	2	1	1
Condo Hotel	2	71	2	70	2	70	2	95
Hostel	0	0	0	0	0	0	0	0
Hotel	0	0	0	0	0	0	0	0
Vacation Rental Unit	19	165	19	166	28	171	24	175
Timeshare	1	7	1	7	1	7	1	7
Other	0	0	0	0	0	0	0	0
Total	23	244	23	244	33	250	28	278
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	224	1	213	2	224	3	320
Vacation Rental Unit	2	5	2	5	2	5	1	4
Timeshare	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	4	229	3	218	4	229	4	324

Prop: Number of properties

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

10.2.3

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

Area/Type, 2020	Properties	Units
Hāna		
Bed & Breakfast	2	3
Condo Hotel	1	17
Hotel	1	75
Vacation Rental Unit	5	7
Other	1	4
Kahului-Wailuku		
Apartment/Hotel	0	15
Bed & Breakfast	7	27
Hostel	2	44
Hotel	5	487
Vacation Rental Unit	9	25
Kula-Makawao		
Bed & Breakfast	20	67
Hotel	2	14
Vacation Rental Unit	4	8
Other	1	24
West Maui		
Bed & Breakfast	6	25
Condo Hotel	33	2,865
Hostel	1	18
Hotel	11	3,564
Vacation Rental Unit	94	2,254
Timeshare	18	3,147
Other	0	12
Ma'alaea		
Bed & Breakfast	1	5
Vacation Rental Unit	14	327
Wailea-Kīhei		
Bed & Breakfast	22	65
Condo Hotel	18	1,230
Hotel	10	3,111
Vacation Rental Unit	103	3,435
Timeshare	9	532

SOURCE: HAWAII TOURISM AUTHORITY, VISITOR PLANT INVENTORY.

10.2.4

VISITOR PLANT INVENTORY MAUI COUNTY

Year	Available Units
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*	21,250
2018*	21,367
2019*	21,294
2020	21,407

*Revised data.
NA: Not available

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

10.3.1

DAILY EXPENDITURES PER PERSON BY ISLAND

Arrivals by air

2019	Maui	Molokaʻi	Lānaʻi	Hawaiʻi	Kauaʻi	Oʻahu
Total Spending	\$211.70	\$125.97	\$478.78	\$178.45	\$188.84	\$194.60
Lodging	104.81	53.71	297.40	74.68	88.41	87.31
Total Food and Beverage	42.81	22.34	98.78	39.25	39.58	41.27
Restaurants	27.84	12.47	92.02	26.27	24.73	26.94
Dinner shows and cruises	5.08	0.10	0.87	2.66	4.00	5.63
Groceries and snacks	9.89	9.77	5.88	10.32	10.84	8.71
Entertainment & Recreation	17.38	8.65	32.58	17.26	20.00	19.25
Total Transportation	21.78	31.20	19.57	26.20	21.21	17.11
Interisland airfare	2.30	11.14	13.94	4.82	2.47	1.53
Ground transportation	0.68	0.45	1.70	0.63	0.43	2.04
Rental vehicles	17.62	18.79	3.71	18.26	17.41	12.21
Gasoline, parking, etc.	1.18	0.82	0.22	2.49	0.91	1.33
Total Shopping	18.15	6.45	13.91	14.87	13.80	22.47
Fashion and clothing	7.43	1.89	9.61	5.32	5.71	8.14
Jewelry and watches	2.96	0.43	0.99	2.00	2.07	3.26
Cosmetics, perfume	0.44	0.01	0.16	0.33	0.14	0.49
Leather goods	1.07	0.08	0.64	0.16	0.13	2.01
Hawaiʻi food products	2.24	1.47	0.82	3.85	2.38	3.35
Souvenirs	4.03	2.57	1.69	3.21	3.36	5.22
All Other Expenses	6.77	3.62	16.54	6.18	5.84	7.20

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**

2019	Maui	Hawai'i	Kaua'i	O'ahu	State
Total Spending	\$74.89	\$71.37	\$64.91	\$133.32	\$239.95
Lodging	9.52	7.11	8.59	45.68	20.88
Total Food and Beverage	9.72	7.62	6.36	25.65	13.95
Restaurants	6.72	4.93	4.16	18.01	9.60
Dinner shows	1.32	0.48	1.12	3.67	1.86
Groceries and snacks	1.68	2.21	1.08	3.97	2.49
Entertainment and Recreation	2.17	2.22	2.24	4.94	3.14
Shore Tour	24.51	27.97	29.33	18.09	24.19
Total Transportation	7.89	6.84	5.70	12.74	8.89
Interisland airfare	1.77	1.67	1.52	2.25	1.88
Ground transportation	2.05	2.12	1.07	4.70	2.77
Rental car, moped	3.58	2.67	2.80	4.97	3.70
Other transportation	0.48	0.38	0.32	0.82	0.55
Total Shopping	17.34	16.52	10.50	22.53	17.71
Fashion and clothing	6.25	4.25	3.16	8.73	6.03
Jewelry and watches	3.29	2.30	1.77	4.41	3.14
Cosmetics, perfume	1.11	0.40	0.14	0.77	0.64
Leather goods	0.48	1.82	0.15	0.86	0.90
Hawai'i food products	1.59	2.92	1.30	2.52	2.20
Souvenirs	4.62	4.82	3.97	5.24	4.80
All Other Spending Outside Ship	3.73	3.09	2.18	3.69	3.29

SOURCE: HAWAII TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.3.3

SUMMARY VISITOR CHARACTERISTICS MAUI COUNTY

Arrivals by air

2019	Total	Domestic	International
Islands Visited			
O'ahu	798,410	549,874	248,536
Maui County	3,111,131	2,650,787	460,345
Maui	3,059,905	2,609,798	450,107
Maui Only	2,043,912	1,858,375	185,537
Moloka'i	63,035	44,304	18,730
Moloka'i Only	8,335	7,963	372
Lāna'i	84,103	58,799	25,304
Lāna'i Only	12,460	12,149	311
Kaua'i	343,246	267,794	75,453
Hawai'i Island	380,876	276,554	104,322
Kona	333,115	238,719	94,396
Hilo	223,123	153,618	69,505
Visit Status			
First-Time (%)	30.65	28.39	43.63
Repeat (%)	69.35	71.61	56.37
Average Number of Trips	5.34	5.67	3.45
Party Size			
Average Party Size	2.27	2.26	2.33
Accommodations			
Hotel	1,674,849	1,410,409	264,441
Hotel Only	1,304,585	1,121,348	183,237
Condo	841,915	696,878	145,037
Condo Only	660,069	558,922	101,147
Timeshare	309,322	282,414	26,908
Timeshare Only	232,907	216,667	16,240
Rental House	290,719	243,714	47,005
Hostel	36,098	23,048	13,051
Camp Site, Beach	30,974	22,248	8,726
Bed & Breakfast	45,112	35,440	9,673
Cruise Ship	117,274	94,676	22,597
Friends or Relatives	201,666	180,441	21,225

SOURCE: HAWAII TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT.

10.3.4

SUMMARY VISITOR CHARACTERISTICS BY ISLAND, MAUI COUNTY

Arrivals by air

2019	Maui	Moloka'i	Lāna'i
Islands Visited			
O'ahu	774,785	37,856	42,293
Maui County	3,059,905	63,035	84,103
Maui	3,059,905	40,305	54,353
Moloka'i	40,305	63,035	17,702
Lāna'i	54,353	17,702	84,103
Kaua'i	335,114	20,446	26,192
Hawai'i Island	369,599	24,797	31,453
Kona	322,745	22,979	29,180
Hilo	217,909	18,704	24,041
Island only	2,043,912	8,335	12,460
Visit Status			
First-Time (%)	30.66	34.41	37.02
Repeat (%)	69.34	65.59	62.98
Average Number of Trips	5.32	5.78	5.13
Party Size			
Average Party Size	2.27	2.04	2.20
Accommodations			
Hotel	1,645,724	34,287	55,772
Hotel Only	1,281,997	18,824	41,167
Condo	833,059	14,410	12,339
Condo Only	654,275	8,739	8,708
Timeshare	306,364	3,894	5,031
Timeshare Only	230,829	2,304	3,485
Rental House	284,021	9,366	8,191
Hostel	35,679	947	1,016
Camp Site, Beach	30,569	2,141	2,226
Bed & Breakfast	44,358	2,817	2,555
Cruise Ship	116,833	6,021	6,962
Friends or Relatives	193,004	10,217	8,639

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
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
2018									
Maui	237,713	62,181	103,067	23,882	20,583	9,239	18,760	3,808	241,521
Moloka'i	2,911	1,396	944	114	112	101	244	0	2,911
Lāna'i	4,551	1,980	1,548	292	111	104	515	73	4,624
2019									
Maui	255,221	70,325	101,460	30,203	19,314	11,365	22,553	4,008	259,229
Moloka'i	3,647	1,397	1,440	240	118	219	231	14	3,661
Lāna'i	5,697	2,470	1,993	371	158	202	502	14	5,711

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	
	2020	2021
Kahului Harbor		
January	4	0
February	5	0
March	5	0
April	10	0
May	3	5
June	4	4
July	4	4
August	5	5
September	8	5
October	8	8
November	5	7
December	5	5
Total	66	43
Lahaina Small Boat Harbor		
January	3	0
February	5	0
March	8	0
April	9	0
May	7	4
June	1	1
July	0	0
August	0	0
September	7	4
October	7	6
November	6	4
December	4	3
Total	57	22

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

2019	US West	US East	Japan	Canada
All Sightseeing	95.0%	96.4%	92.2%	96.8%
On own (Self-guided)	83.8%	81.2%	63.3%	86.5%
Scenic views / natural landmarks	56.0%	65.0%	28.7%	61.4%
Boat / submarine / whale	32.0%	40.2%	13.0%	30.4%
Visit towns	57.6%	57.5%	27.8%	60.9%
Limo / van / bus tour	4.6%	13.8%	8.7%	6.3%
Helicopter / airplane	4.7%	7.5%	1.8%	5.5%
Movie / TV film location	0.9%	1.1%	2.6%	0.8%
All Recreation	97.2%	96.7%	90.5%	98.8%
Beach / sunbathing	87.4%	84.8%	60.1%	92.6%
Swimming in the ocean	71.8%	67.1%	30.5%	80.4%
Snorkel	55.1%	47.1%	22.6%	59.6%
Parks / botanical gardens	29.9%	37.1%	13.9%	33.2%
Running / jogging / fitness walk	29.3%	26.8%	12.1%	29.9%
Backpacking / camping	1.4%	2.0%	0.0%	2.4%
Bodyboard / standup paddleboard	15.1%	8.8%	5.2%	18.0%
Spa	11.7%	11.5%	3.4%	8.0%
Golf	8.1%	7.3%	3.4%	8.6%
Agritourism	10.8%	11.7%	13.9%	8.0%
Canoeing / kayak	4.2%	3.9%	0.9%	3.1%
Surfing	6.5%	6.1%	0.0%	10.6%
Scuba diving	4.1%	3.9%	1.8%	2.7%
Fishing	3.0%	3.0%	0.0%	2.5%
Jet ski / parasail	2.7%	1.7%	0.9%	1.1%
Sports event / tournament	2.2%	2.3%	0.9%	2.0%
Windsurf / kitesurf	0.5%	0.4%	1.7%	0.6%
Zip-lining	7.3%	6.1%	3.5%	3.9%
Hiking	42.2%	45.8%	11.3%	45.0%
Horseback riding	1.1%	1.6%	4.4%	1.1%
All Entertainment / Dining	98.4%	97.9%	89.6%	98.6%
Family restaurant	60.4%	54.8%	18.3%	62.9%
Fine dining	60.3%	60.3%	32.2%	47.8%
Prepared own meals	55.5%	41.5%	22.6%	73.6%
Café / coffee house	44.5%	40.7%	41.7%	48.7%
Live music / stage show	29.4%	33.2%	13.9%	27.5%

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10.4.1

CONTINUED

2019	US West	US East	Japan	Canada
Lunch / sunset / dinner / evening cruise	23.3%	28.1%	10.4%	20.9%
Fast food	28.3%	27.3%	33.0%	37.5%
Ethnic dining	26.8%	29.3%	5.2%	23.6%
Nightclub / dancing / bar / karaoke	6.2%	6.9%	2.7%	5.6%
Food truck	27.4%	27.4%	7.0%	34.7%
All Shopping	96.2%	95.8%	90.4%	96.7%
Local shops / artisans	68.4%	71.1%	18.2%	65.9%
Supermarkets	71.1%	62.1%	54.8%	76.0%
Convenience stores	46.5%	45.2%	31.2%	49.9%
Malls / department stores	43.3%	37.3%	63.6%	54.2%
Hotel / resort stores	35.0%	37.8%	31.3%	26.9%
Farmer's market	30.9%	24.8%	10.5%	38.5%
Designer boutiques	19.9%	18.8%	13.8%	19.7%
Discount / outlet stores	20.3%	16.2%	18.2%	27.9%
Swap meet / flea market	14.8%	11.3%	4.3%	19.7%
Duty free stores	3.7%	3.0%	13.1%	5.0%
All Culture	64.1%	67.8%	44.5%	62.9%
Luau / Polynesian show / hula show	26.9%	39.4%	7.8%	30.8%
Other historic site	20.6%	22.5%	24.4%	18.9%
Museum / art gallery	20.9%	16.4%	3.5%	18.1%
Art / craft fair	17.0%	12.3%	0.9%	13.8%
Festivals / events	4.0%	3.5%	0.9%	3.3%
Play / concert / theatre	4.8%	2.6%	0.9%	3.7%
Lessons, ukulele / hula / canoeing	6.5%	6.1%	2.6%	6.9%
Historic military site	3.7%	5.1%	13.9%	3.7%
All Transportation	94.7%	96.5%	93.0%	96.0%
Rental car	87.4%	83.7%	42.4%	88.1%
Airport shuttle	11.1%	12.0%	20.9%	13.7%
Tour bus / tour van	4.7%	14.7%	21.7%	6.9%
Taxi / limousine	3.3%	6.5%	15.6%	6.9%
Public bus	2.1%	2.3%	6.1%	3.8%
Trolley	3.3%	2.5%	21.0%	4.2%
Ride share	10.5%	12.5%	6.0%	9.7%
Bicycle rental	1.2%	1.8%	2.6%	1.7%

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						
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%
2018	89.5%	87.6%	86.4%	87.2%	89.0%	79.4%
2019	90.3%	83.4%	87.0%	89.8%	91.3%	80.1%
Japan Visitors						
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%
2018	76.6%	34.0%	37.8%	82.2%	78.7%	72.2%
2019	82.1%	82.8%	65.8%	85.8%	80.3%	76.6%

SOURCE: HAWAI'I TOURISM AUTHORITY, VISITOR SATISFACTION AND ACTIVITY REPORT.

10.4.3

OVERALL ISLAND EXPERIENCE BY MMA AND ISLAND MAUI COUNTY

2019	US Total	US West	US East	Japan	Canada
Maui					
Excellent	90.3%	89.4%	91.8%	82.1%	90.9%
Above Average	8.8%	9.6%	7.5%	17.2%	7.8%
Below Average	0.8%	0.9%	0.6%	0.8%	1.2%
Poor	0.1%	0.1%	0.2%	0.0%	0.0%
Moloka'i					
Excellent	83.4%	81.7%	86.4%	82.8%	80.3%
Above Average	13.8%	14.8%	12.0%	17.2%	17.8%
Below Average	2.4%	2.9%	1.6%	0.0%	0.0%
Poor	0.4%	0.6%	0.0%	0.0%	1.9%
Lāna'i					
Excellent	87.0%	84.7%	89.9%	65.8%	80.0%
Above Average	10.4%	11.3%	9.2%	34.2%	18.5%
Below Average	2.5%	3.9%	0.6%	0.0%	1.5%
Poor	0.1%	0.0%	0.3%	0.0%	0.0%

MMA: Major Market Area

SOURCE: HAWAI'I 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	6.1%	5.8%	6.9%
\$40,000 to \$59,999	7.3%	8.1%	8.6%
\$60,000 to \$79,999	9.8%	10.5%	10.3%
\$80,000 to \$99,999	9.7%	10.5%	11.0%
\$100,000 to \$124,999	13.9%	14.4%	14.2%
\$125,000 to \$149,999	12.2%	11.5%	13.1%
\$150,000 to \$174,999	9.3%	8.9%	9.7%
\$175,000 to \$199,999	6.7%	6.0%	6.6%
\$200,000 to \$249,999	9.2%	8.1%	7.6%
\$250,000 or more	15.7%	16.2%	12.0%

Income ¹	Europe	Oceania
Under \$40,000	17.2%	9.4%
\$40,000 to \$59,999	14.6%	9.8%
\$60,000 to \$79,999	13.1%	11.5%
\$80,000 to \$99,999	12.9%	12.0%
\$100,000 to \$124,999	10.7%	13.2%
\$125,000 to \$149,999	8.3%	12.2%
\$150,000 to \$174,999	6.4%	8.6%
\$175,000 to \$199,999	4.2%	7.1%
\$200,000 to \$249,999	4.6%	7.2%
\$250,000 or more	8.0%	9.0%

1. All in U.S. dollars.

MMA: Major Market Area

SOURCE: HAWAII'S TOURISM AUTHORITY, 2019 VISITOR SATISFACTION AND ACTIVITY REPORT.

10.4.5

**VISITATION DECISION TIMETABLE
MAUI COUNTY**

Visitors, 2019	More than 1 year	6 to 12 months	3 to 6 months	2 to 3 months	1 to 2 months	Less than 1 month
U.S. West						
Decide to take vacation/pleasure trip	16.8%	26.4%	23.2%	12.1%	10.5%	11.0%
Decide to visit Hawai'i	17.0%	24.7%	22.5%	12.6%	10.3%	12.7%
Decide on which islands to visit	11.1%	23.8%	22.6%	12.7%	11.3%	18.6%
Set date for the trip	8.3%	24.0%	24.8%	14.3%	11.6%	17.0%
Begin booking your trip	4.6%	22.1%	26.8%	16.7%	13.0%	16.7%
U.S. East						
Decide to take vacation/pleasure trip	24.6%	31.6%	21.2%	9.3%	6.5%	6.7%
Decide to visit Hawai'i	24.8%	30.6%	20.2%	10.3%	6.7%	7.4%
Decide on which islands to visit	15.7%	30.3%	22.5%	11.0%	8.3%	12.2%
Set date for the trip	13.8%	31.8%	23.5%	11.9%	9.0%	9.9%
Begin booking your trip	9.6%	30.7%	25.3%	14.8%	9.7%	9.8%
Canada						
Decide to take vacation/pleasure trip	18.1%	29.8%	24.1%	11.5%	8.0%	8.4%
Decide to visit Hawai'i	17.2%	26.4%	24.7%	12.7%	8.8%	10.2%
Decide on which islands to visit	9.9%	25.7%	23.2%	15.4%	10.4%	15.4%
Set date for the trip	8.4%	27.5%	25.1%	15.7%	11.3%	12.1%
Begin booking your trip	5.2%	26.2%	26.1%	17.0%	12.7%	12.8%
Europe						
Decide to take vacation/pleasure trip	26.5%	37.9%	16.9%	6.8%	5.8%	6.1%
Decide to visit Hawai'i	24.6%	35.3%	18.6%	9.2%	5.8%	6.5%
Decide on which islands to visit	15.6%	34.9%	18.8%	11.7%	7.2%	11.8%
Set date for the trip	14.9%	37.2%	21.2%	10.2%	6.8%	9.6%
Begin booking your trip	11.0%	36.9%	22.0%	12.2%	8.5%	9.4%

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10.4.5

CONTINUED

Visitors, 2019	More than 1 year	10 to 12 months	7 to 9 months	4 to 6 months	1 to 3 months	Less than 1 month
Japan						
Decide to take vacation/pleasure trip	12.4%	23.8%	29.8%	18.8%	10.3%	5.0%
Decide to visit Hawai'i	9.7%	21.9%	30.5%	20.2%	12.1%	5.6%
Decide on which islands to visit	7.6%	20.5%	30.9%	21.5%	12.6%	6.9%
Set date for the trip	3.4%	18.1%	29.6%	23.1%	17.7%	8.2%
Begin booking your trip	2.6%	15.4%	29.4%	25.6%	18.4%	8.6%
Korea						
Decide to take vacation/pleasure trip	4.9%	26.1%	28.6%	18.1%	12.9%	9.4%
Decide to visit Hawai'i	4.4%	22.9%	29.6%	19.7%	13.1%	10.3%
Decide on which islands to visit	2.2%	20.1%	27.2%	19.4%	16.0%	15.2%
Set date for the trip	1.8%	22.3%	28.1%	19.9%	15.6%	12.3%
Begin booking your trip	0.9%	19.2%	27.2%	19.0%	19.1%	14.6%
China						
Decide to take vacation/pleasure trip	6.7%	14.6%	23.3%	24.0%	16.2%	15.2%
Decide to visit Hawai'i	4.8%	11.9%	22.7%	22.9%	18.3%	19.4%
Decide on which islands to visit	3.1%	9.9%	18.6%	24.0%	19.2%	25.3%
Set date for the trip	3.1%	9.9%	16.8%	25.1%	22.0%	23.2%
Begin booking your trip	2.7%	8.1%	14.9%	24.2%	20.5%	29.6%
Oceania						
Decide to take vacation/pleasure trip	24.2%	41.4%	20.1%	6.5%	3.5%	4.3%
Decide to visit Hawai'i	21.4%	39.9%	21.3%	7.6%	4.4%	5.4%
Decide on which islands to visit	15.0%	39.1%	20.8%	10.7%	5.3%	9.1%
Set date for the trip	14.7%	41.7%	21.6%	9.8%	4.6%	7.6%
Begin booking your trip	11.9%	40.8%	23.1%	12.5%	5.9%	5.8%

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

10.5.1

ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS MAUI COUNTY

Attraction	2018	2019	2020 ¹
Maui			
Alexander & Baldwin Sugar Museum	32,025	26,088	5,010
Aquarium Maui / Maui Ocean Center	365,939	442,496	86,692
Haleakala National Park	1,044,084	994,394	319,147
Haleki'i-Pihana Heiaus State Monument	NA	NA	NA
Hāna Cultural Center	468	601	28
Hawaiian Islands Humpback Whale Sanctuary ²	9,000	10,000	3,000
Īao Valley State Monument	NA	NA	NA
Kula Botanical Garden	22,750	26,650	NA
Lahaina Restoration Foundation	27,671	26,214	6,557
Baldwin Missionary Home Museum	15,300	14,110	3,720
Hale Pa'i Printing House	413	293	0
Wo Hing Temple Museum	11,958	11,811	2,837
Maui Historical Society Bailey House Museum	16,974	NA	NA
The Whale Center of Hawai'i	NA	NA	MA
Moloka'i			
Kalaupapa National Historical Park	72,146	69,401	15,847
Lana'i			
Lana'i Culture & Heritage Center	8,461	10,208	NA

1. Disruption caused by the COVID-19 pandemic.

2. Data are estimates.

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

2020	Maui	Kaho'olawe	Lāna'i	Moloka'i
Listed Hawai'i Register	75	1	1	158
Listed National Register	40	1	2	26
Nominated Hawai'i Register	0	0	0	0

As of June 19. 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

	2016	2017	2018	2019	2020
National Parks					
Number	2	2	2	2	2
Acreage	44,043	44,044	44,044	44,044	44,044
Visits*	1,335,085	1,188,902	1,116,230	1,063,795	*334,994
State Parks and Historic Sites					
Number	10	10	10	10	9
Acreage	564	560	560	560	560
County Parks					
Number	149	150	149	159	159
Acreage	2,492	2,506	2,548	2,543	2,543

* Disruption caused by the COVID-19 pandemic in 2020.

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	45,803	4,042	NA	NA	6,205	2,664	32,892
2013	42,824	3,978	26	54	6,292	3,709	32,970
2014	44,607	4,034	NA	NA	7,050	1,595	32,474
2015	42,638	3,701	NA	NA	7,399	3,345	30,983
2016	43,653	3,520	NA	NA	8,203	1,370	30,560
2017	45,475	4,086	NA	NA	7,804	2,893	30,692
2018	41,207	4,061	NA	NA	5,738	2,447	28,961
2019	NA	4,197	NA	NA	6,378	3,025	26,143
2020	NA	3,665	NA	NA	NA	NA	23,461

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

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 2019-2020			FY 2020-2021		
	Dogs	Cats	Other	Dogs	Cats	Other
Area						
Ha'ikū	142	160	32	122	234	12
Hāna	97	55	0	48	41	0
Kahului	271	487	97	192	642	54
Kīhei	202	382	100	123	612	67
Kula	105	163	23	71	154	6
Lahaina	130	211	17	113	336	18
Lāna'i	4	0	0	0	8	0
Makawao	176	232	33	106	222	31
Moloka'i	33	0	0	1	3	0
Pā'ia	44	36	13	55	44	4
Wailuku	258	522	69	259	685	44
Other	36	35	20	38	62	13
Total	1,498	2,283	404	1,128	3,043	249
Intake	1,548	2,576	425	1,183	3,355	264
Owner Surrender	470	548	177	373	589	98
Stray	995	1,734	218	728	2,410	147
Seized	31	1	0	20	21	2
Other Live Intake	2	0	9	7	23	2
Total Live Intake	1,498	2,283	404	1,128	3,043	249
Dead on arrival	24	232	2	14	224	2
Owner requested euthanasia	26	61	19	41	88	13
Live Release	1,466	2,035	325	1,048	2,354	163
Adoption	632	1,180	270	416	1,159	124
Return to field	0	438	0	0	609	0
Return to owner	591	145	53	504	147	38
Transfer	243	272	2	128	439	1
Outcome	1,506	2,381	427	1,096	2,968	233
Euthanasia	34	296	77	41	549	65
Other Outcome	6	50	25	7	65	5

SOURCE: MAUI HUMANE SOCIETY.

10.6.3

**INCIDENTS, INVESTIGATIONS, AND VIOLATIONS
MAUI HUMANE SOCIETY**

FY 2020-21	Ha'ikū	Hāna	Kahului	Kīhei	Kula	Lahaina	Makawao	Pā'ia	Wailuku	Total
Enforcement	50	4	43	64	30	22	50	7	59	329
Livestock	2	0	0	0	4	0	3	1	1	11
Protective Custody	0	0	1	3	0	3	0	1	2	10
Stray	129	22	405	270	99	207	219	53	408	1,812
Transport	4	12	62	15	2	15	12	3	175	300
Total Incidents	185	38	511	352	135	247	284	65	645	2,462
Bite / Scratch	16	0	12	20	11	18	17	5	28	127
Cruelty / Neglect	43	8	65	58	26	35	68	14	64	381
Welfare Check	26	2	19	19	13	10	30	6	53	178
Total Investigations	85	10	96	97	50	63	115	25	145	686
Abandonment	0	0	0	1	0	0	0	0	0	1
Cruelty to Animals	0	0	0	1	0	0	0	0	0	1
DDNC*	0	0	0	0	1	0	0	0	0	1
Dog Attack	0	0	3	4	2	1	3	0	6	19
Excessive Barking	0	1	0	0	0	0	0	0	0	1
Inhumane Manner	0	0	2	0	0	0	0	4	3	9
Leash Law	4	12	16	11	11	10	15	8	29	116
License	0	0	1	0	0	0	1	0	2	4
Livestock at Large	0	0	0	0	1	0	0	0	0	1
Nuisance	1	0	0	0	0	0	0	0	0	1
Total Violations	5	13	22	17	15	11	19	12	40	154

* DDNC: Dangerous Dog (Non-Compliance) - Mandatory Training.
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 Centauri with sales of \$475 million in 2019.

The 2017 Economic Census release started in Fall 2019.

11.1.1

MANUFACTURING MAUI COUNTY AND STATE OF HAWAI'I

2017	Maui County		State of Hawai'i	
	All	Food	All	Food
Number of establishments	120	43	783	259
20 employees or more	12	D	146	D
All employees	845	318	11,850	4,907
Annual payroll (\$1,000)	40,789	10,881	558,523	176,681
Production workers	561	182	8,171	3,480
Hours (1,000)	1,122	336	14,983	5,870
Wages (\$1,000)	25,007	5,359	343,507	103,251
Value added (\$1,000)	N	N	2,251,458	530,621
Total cost of materials (\$1,000)	102,171	36,945	4,049,336	630,131
Total value of shipments (\$1,000)	220,436	64,243	6,055,913	1,163,986
Total capital expenditures (\$1,000)	N	N	136,148	25,192

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

N: Not available or not comparable

SOURCE: U.S. CENSUS BUREAU, 2017 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	31	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**

	2019	2020
Retailing	5,451,034,324	4,304,933,248
Services	2,202,780,796	1,788,828,176
Contracting	1,159,053,944	1,230,632,966
Theater, Amusement, Radio	55,780,374	27,875,929
Interest & All Others	563,013,397	278,589,976
Commissions	184,845,666	150,052,365
Hotel Rentals	1,717,586,875	653,031,474
All Other Rentals	1,131,456,864	846,206,984
Use (4%)	145,904,224	93,313,423
SUB-TOTAL	12,611,456,463	9,373,464,546
Insurance Solicitors	28,088,832	27,521,226
Producing	15,790,038	16,201,855
Manufacturing	46,124,246	56,072,698
Wholesaling	1,830,921,822	1,465,196,836
Services (Intermediary)	127,411,607	88,375,298
Use (1/2%)	886,100,289	708,840,574
SUB-TOTAL	2,934,436,828	2,362,208,489
GRAND TOTAL	15,545,893,291	11,735,673,033

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'S STATE DEPARTMENT OF TAXATION, GENERAL EXCISE AND USE TAX BASE FOR TAX LIABILITIES.

11.2.2

RETAIL ESTABLISHMENTS WITH EMPLOYEES BY TYPE AND LOCATION, 2019

Establishment Type	Location	Number	Location	Number	Location	Number
Motor Vehicles & Parts	Kahului	25	Wailuku	5		
Furniture & Home Furnishings	Kahului	17	Lahaina	4	Pā'ia	3
Electronics & Appliances	Kahului	6				
Building Material & Garden Equipment & Supplies	Kahului	16	Lahaina	5	Wailuku	4
Food & Beverage	Ha'ikū	5	Lahaina	17	Wailuku	14
	Kahului	18	Makawao	3	Kaunakakai	5
	Kīhei	5				
Health & Personal Care	Kahului	17	Lahaina	13	Wailuku	7
	Kīhei	9	Makawao	3		
Gasoline Stations	Kahului	9	Lahaina	7	Wailuku	3
	Kīhei	7	Makawao	3		

CONTINUES ON THE NEXT PAGE

11.2.2

CONTINUED

Establishment Type	Location	Number	Location	Number	Location	Number
Clothing & Clothing Accessories	Kahului	34	Lahaina	121	Pā'ia	18
	Kīhei	48	Makawao	7	Wailuku	7
Sporting Goods, Hobby, Musical Instruments & Books	Kahului	11	Lahaina	8	Wailuku	6
	Kīhei	8				
General Merchandise	Kahului	5				
Miscellaneous	Kahului	17	Lahaina	64	Wailuku	7
	Kīhei	18	Makawao	7	Kaunakakai	4
	Kula	4	Pā'ia	4		
Nonstore Retailers	Ha'ikū	6	Kīhei	10	Wailuku	3
	Kahului	9				

Note: To comply with disclosure avoidance guidelines, results for locations with fewer than three contributing establishments are suppressed.

SOURCE: U.S. CENSUS BUREAU, 2019 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
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
Pu'unēnē Shopping Center	Kahului	2015	120,100	28
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	Kaanapali	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	2019	Businesses	Number of Employees	1st Quarter Payroll (\$1,000)	Annual Payroll (\$1,000)
44-45	Retail Trade	794	9,968	81,450	327,635
4411--	Automobile dealers	16	438	6,290	26,241
4412--	Other motor vehicle dealers	3	44	424	1,599
4413--	Auto parts, accessories, & tire stores	24	232	1,949	8,418
4421--	Furniture stores	13	54	728	2,966
4422--	Home furnishings stores	24	189	1,296	5,533
4431--	Electronics & appliance stores	9	69	723	2,735
4441--	Building material & supplies dealers	32	688	5,373	21,364
4442--	Lawn & garden equipment & supplies stores	8	51	375	1,489
4451--	Grocery stores	68	2,196	18,035	71,270
4452--	Specialty food stores	10	60	551	2,098
4453--	Beer, wine & liquor stores	4	12	58	248
4461--	Health & personal care stores	56	597	5,583	21,741
4471--	Gasoline stations	34	393	3,043	11,710
4481--	Clothing stores	166	1,442	7,723	31,534
4482--	Shoe stores	17	148	541	2,119
4483--	Jewelry, luggage, & leather good stores	64	296	3,482	14,385
4511--	Sporting goods, hobby & music instr. stores	37	298	1,747	7,254
4512--	Book stores & news dealers	NA	NA	NA	NA
4523--	General merchandise stores	13	1,250	11,094	46,254
4531--	Florists	10	38	259	1,140
4532--	Office supplies, stationery, & gift stores	71	610	4,806	19,700
4533--	Used merchandise stores	13	102	756	2,041
4539--	Other miscellaneous store retailers	52	353	3,629	14,067
4541--	Electronic shopping & mail order houses	23	55	608	2,484
4543--	Direct selling establishments	22	74	747	3,055

NAICS: North American Industry Classification System.

NA: Not available.

SOURCE: U.S. CENSUS BUREAU, 2019 COUNTY BUSINESS PATTERNS.

11.2.5

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

2019	Total Stores	Number of Employees					
		1-4	5-9	10-19	20-49	50-99	100-499
Maui Island							
Hai'kū	23	15	6	-	-	-	-
Hāna	4	3	-	-	-	-	-
Kahului	195	61	43	38	36	8	9
Kīhei	124	58	32	23	5	5	-
Kula	16	11	-	-	-	-	-
Lahaina	249	88	95	43	20	-	-
Makawao	35	22	6	4	-	-	-
Pā'ia	36	19	13	3	-	-	-
Pukalani	-	-	-	-	-	-	-
Pu'unēnē	-	-	-	-	-	-	-
Wailuku	72	41	17	5	5	4	-
Moloka'i							
Ho'olehua	-	-	-	-	-	-	-
Kalaupapa	-	-	-	-	-	-	-
Kaunakakai	18	5	6	3	4	-	-
Kualapu'u	3	-	-	-	-	-	-
Maunaloa	-	-	-	-	-	-	-
Lāna'i							
Lāna'i City	8	5	-	-	-	-	-

Note: To comply with disclosure avoidance guidelines, results for locations with fewer than three contributing establishments are suppressed.

SOURCE: U.S. CENSUS BUREAU, 2019 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	\$6.53 to \$26.00	\$3.00 to \$4.00	NA
Other Areas	\$1.50 to \$4.00	\$1.50 to \$2.50	\$1.50 to \$4.00
Central Maui			
Kahului	\$1.10 to \$6.00	\$1.25 to \$3.00	\$1.10 to \$2.50
Wailuku	\$1.00 to \$1.95	\$1.00 to \$2.65	\$0.30 to \$1.25
South Maui			
Kīhei	\$2.50 to \$4.00	\$1.35 to \$2.81	NA
Wailea	\$5.25 to \$6.00	\$3.50	NA
East Maui			
Ha'ikū	\$1.00 to \$2.25	\$1.00 to \$2.25	\$0.80 to \$2.25
Pā'ia	NA	NA	NA
Upcountry			
Kula	NA	NA	NA
Makawao	NA	NA	NA

NA: Not available.

SOURCE: CURRENT PROPERTY LISTINGS OF COMMERCIAL ROUNDTABLE OF MAUI AS OF MARCH 30, 2021.

11.3.1

CHARACTERISTICS OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES BY SECTOR, MAUI COUNTY

Industry, 2019	Total Establishments	Employees	Annual Payroll (\$1,000)
Agriculture, Forestry, Fishing & Hunting	N	N	N
Mining	N	N	N
Utilities	15	470	49,267
Construction	492	3,737	268,914
Construction of buildings	161	960	64,540
Heavy & civil engineering construction	17	319	23,404
Specialty trade contractors	314	2,458	180,970
Manufacturing	122	951	44,034
Food manufacturing	41	401	12,684
Beverage & tobacco product manufacturing	6	97	3,680
Printing & related support activities	10	47	2,311
Chemical manufacturing	6	29	1,487
Nonmetallic mineral product manufacturing	11	174	13,479
Fabricated metal product manufacturing	6	17	1,076
Furniture & related product manufacturing	4	25	1,200
Miscellaneous manufacturing	21	52	1,701
Wholesale Trade	160	1,532	78,997
Merchant wholesalers, durable goods	62	372	20,513
Merchant wholesalers, nondurable goods	85	1,124	56,909
Wholesale electronic markets & agents & brokers	13	36	1,575
Retail Trade	794	9,968	327,635
Motor vehicle & parts dealers	43	714	36,258
Furniture & home furnishings stores	37	243	8,499
Electronics & appliance stores	9	69	2,735
Bldg material & garden equipment & supplies	40	739	22,853
Food & beverage stores	82	2,268	73,616
Health & personal care stores	56	597	21,741
Gasoline stations	34	393	11,710
Clothing & clothing accessories stores	247	1,886	48,038
Sporting goods, hobby, music instr. & books	39	312	7,506
General merchandise stores	15	1,513	52,149
Miscellaneous store retailers	146	1,103	36,948
Nonstore retailers	46	1,366	5,582
Transportation & Warehousing	162	3,677	137,785
Air transportation	17	996	34,541
Water transportation	3	85	7,018
Truck transportation	35	450	24,519
Transit & ground passenger transportation	14	182	4,116
Scenic & sightseeing transportation	52	1,188	46,406
Support activities for transportation	24	533	11,799
Couriers & messengers	12	217	7,915
Warehousing & storage	5	26	1,471

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11.3.1
CONTINUED

Industry, 2019	Total Establishments	Employees	Annual Payroll (\$1,000)
Information	81	638	35,225
Publishing industries (except Internet)	21	130	6,265
Motion picture & sound recording industries	17	93	1,867
Broadcasting (except Internet)	5	86	4,290
Telecommunications	26	302	19,377
Data processing, hosting & related services	6	14	673
Other information services	6	13	2,753
Finance & Insurance	160	892	55,653
Credit intermediation & related activities	83	622	32,266
Securities, commodity contracts, investments	22	55	8,924
Insurance carriers & related activities	55	215	14,463
Real Estate & Rental & Leasing	342	2,290	102,178
Real estate	249	1,292	66,057
Rental & leasing services	91	985	35,216
Professional, Scientific, & Technical Services	435	1,794	111,431
Management of Companies & Enterprises	12	187	11,098
Administrative Support & Waste Management	325	4,991	181,993
Administrative & support services	308	4,772	173,075
Waste management & remediation services	17	219	8,918
Educational Services	80	909	30,067
Health Care & Social Assistance	467	7,605	455,722
Ambulatory health care services	345	4,342	308,200
Hospitals	3	1,070	77,758
Nursing & residential care facilities	12	644	25,877
Social assistance	107	1,549	43,887
Arts, Entertainment, & Recreation	143	2,284	68,485
Performing arts, spectator sports, & related	55	840	25,957
Museums, historical sites, & similar institutions	10	230	6,972
Amusement, gambling, & recreation industries	78	1,214	35,556
Accommodation & Food Services	539	22,830	935,597
Accommodation	103	12,006	638,099
Food services & drinking places	436	10,824	297,498
Other Services (except Public Administration)	499	2,938	98,184
Repair & maintenance	90	391	16,511
Personal & laundry services	126	913	27,743
Religious, grantmaking, civic, professional orgs	283	1,634	53,930
Industries not Classified	9	11	306
Total for All Sectors	4,838	67,706	2,992,576

N: Data are not published or collected at this geography or industry detail by this program.

SOURCE: U.S. CENSUS BUREAU, 2019 COUNTY BUSINESS PATTERNS.

11.3.2

CHARACTERISTICS OF BUSINESS ESTABLISHMENTS BY SECTOR FOR NONEMPLOYERS, MAUI COUNTY

Industry, 2018*	Establishments with Employees	Nonemployer Establishments	Annual Receipts (\$1,000)
Agriculture, Forestry, Fishing & Hunting	3	276	7,789
Mining	N	4	521
Utilities	16	44	3,890
Construction	490	1,460	101,324
Construction of buildings	156	447	32,795
Heavy & civil engineering construction	20	15	1,666
Specialty trade contractors	314	998	66,863
Manufacturing	118	363	16,634
Food manufacturing	41	62	3,399
Beverage & tobacco product manufacturing	6	4	581
Apparel manufacturing	N	46	1,013
Wood product manufacturing	N	29	1,394
Printing & related support activities	10	23	1,892
Chemical manufacturing	6	10	1,429
Nonmetallic mineral product manufacturing	11	13	337
Primary metal manufacturing	N	5	60
Fabricated metal product manufacturing	6	10	308
Machinery manufacturing	N	3	139
Computer & electronic product manufacturing	N	4	249
Transportation equipment manufacturing	N	4	243
Furniture & related product manufacturing	4	22	553
Miscellaneous manufacturing	23	119	4,662
Wholesale Trade	160	369	21,958
Merchant wholesalers, durable goods	58	173	8,787
Merchant wholesalers, nondurable goods	88	153	12,085
Wholesale electronic markets & agents & brokers	14	43	1,086
Retail Trade	814	1,378	69,432
Motor vehicle & parts dealers	44	35	2,893
Furniture & home furnishings stores	36	21	1,246
Electronics & appliance stores	11	6	641
Bldg material & garden equipment & supplies	38	13	1,982
Food & beverage stores	82	60	6,439
Health & personal care stores	54	68	2,847
Gasoline stations	34	3	679
Clothing & clothing accessories stores	257	179	9,409
Sporting goods, hobby, musical instr. & books	38	55	1,842
General merchandise stores	16	23	1,408
Miscellaneous store retailers	154	254	18,091
Nonstore retailers	50	661	21,955
Transportation & Warehousing	148	871	23,657
Air transportation	14	16	328
Water transportation	3	9	231
Truck transportation	29	44	2,438
Transit & ground passenger transportation	14	658	14,507

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11.3.2
CONTINUED

Industry, 2018*	Establishments with Employees	Nonemployer Establishments	Annual Receipts (\$1,000)
Scenic & sightseeing transportation	51	32	1,916
Support activities for transportation	21	48	2,908
Couriers & messengers	12	55	982
Warehousing & storage	4	9	347
Information	81	183	6,954
Publishing industries (except Internet)	23	30	591
Motion picture & sound recording industries	14	102	4,799
Broadcasting (except Internet)	5	8	320
Telecommunications	27	5	257
Data processing, hosting & related services	5	12	251
Other information services	7	26	736
Finance & Insurance	160	321	23,340
Credit intermediation & related activities	83	20	859
Securities, commodity contracts, investments	24	95	15,362
Insurance carriers & related activities	53	206	7,119
Real Estate & Rental & Leasing	318	2,163	210,344
Real estate	226	2,043	203,920
Rental & leasing services	91	118	6,225
Professional, Scientific, & Technical Services	430	2,387	101,784
Management of Companies & Enterprises	11	N	N
Administrative, Support & Waste Management	305	2,280	69,890
Administrative & support services	289	2,275	69,106
Waste management & remediation services	16	5	784
Educational Services	78	429	10,922
Health Care & Social Assistance	444	1,081	48,757
Ambulatory health care services	323	769	40,474
Hospitals	5	N	N
Nursing & residential care facilities	12	36	1,106
Social assistance	104	276	7,177
Arts, Entertainment, & Recreation	136	1,413	63,291
Performing arts, spectator sports, & related	52	1,182	33,798
Museums, historical sites, & similar institutions	10	4	89
Amusement, gambling, & recreation industries	74	227	29,404
Accommodation & Food Services	547	454	30,150
Accommodation	105	121	10,292
Food services & drinking places	442	333	19,858
Other Services (except Public Administration)	484	2,101	90,407
Repair & maintenance	86	397	19,416
Personal & laundry services	116	1,630	69,294
Religious, grantmaking, civic, professional orgs	282	74	1,697
Industries not Classified	6	N	N
Total for All Sectors	4,749	17,577	901,044

* The 2019 Nonemployer Statistics release has been postponed due to limited availability of the source data.

N: Data are not published or collected at this geography or industry detail by this program.

SOURCE: U.S. CENSUS BUREAU, 2018 COUNTY BUSINESS PATTERNS, 2018 NONEMPLOYER STATISTICS.

11.3.3

LARGEST COMPANIES AND NONPROFITS MAUI COUNTY

Company	State Rank		Sales (\$million)		Employees
	2020	2019	2019	2018	
Centauri	19	NA	475.0	NA	35
Jim Falk Automotive Group	26	27	373.1	376.0	302
VIP Foodservice	76	75	103.6	104.3	170
Maui Medical Group Inc.	137	143	46.3	43.6	320
Wailea Golf LLC	191	193	18.6	18.9	158
Maui Economic Opportunity	196	208	16.8	14.9	225
Maui Clothing Co. Inc.	199	195	16	18.2	86
Employers Options	201	211	15.2	14.1	10
Maui County Federal Credit Union	207	215	13.0	12.0	58
Maui Land & Pineapple Co. Inc.	218	216	10.0	11.0	11
Maui Plumbing	231	228	6.1	8.0	45
Valley Isle Community FCU	234	NA	5.6	NA	NA
Maui Solar Project	235	NA	5.3	NA	15
Coconut Condos	242	241	4.4	4.2	10
Huber Pools	243	246	4.3	3.5	15
Maui Federal Credit Union	247	NA	3.8	NA	NA

NA: Not available.

SOURCE: "TOP 250." *HAWAII BUSINESS*, JULY 2020.

11.3.4

CHARACTERISTICS OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES, MAUI COUNTY

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

Characteristic	2018		2019	
	Maui County	State	Maui County	State
Number of businesses	4,749	32,952	4,838	32,889
Employees	67,338	551,681	67,706	553,206
First quarter payroll (\$1,000)	686,117	6,292,044	729,900	6,431,107
Annual payroll (\$1,000)	2,831,617	25,119,473	2,992,576	25,838,555

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
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
2017	4,705	32,800
2018	4,749	32,952
2019	4,838	32,889

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, 2019

Establishment Type	Location	Number	Location	Number	Location	Number
Professional, Scientific, & Technical Services	Ha'ikū	31	Kula	33	Pā'ia	18
	Kahului	47	Lahaina	39	Wailuku	128
	Kīhei	92	Makawao	37	Kaunakakai	3
Management of Companies	Kahului	4	Kīhei	3		
Administrative & Support	Ha'ikū	25	Lahaina	54	Kaunakakai	3
	Kahului	51	Makawao	23		
	Kīhei	76	Pā'ia	8		
	Kula	11	Wailuku	47		
Waste Management & Remediation	Kahului	3	Pu'unēnē	3	Wailuku	5
Educational Services	Ha'ikū	5	Kīhei	21	Pā'ia	4
	Hāna	3	Kula	5	Makawao	16
	Kahului	8	Lahaina	9	Wailuku	5
Ambulatory Health Care	Ha'ikū	6	Kula	14	Wailuku	132
	Kahului	73	Lahaina	29	Kaunakakai	10
	Kīhei	41	Makawao	26	Lāna'i City	8
Hospitals	NA					
Nursing & Residential Care	Kahului	4	Wailuku	4		
Social Assistance	Ha'ikū	3	Kula	3	Wailuku	30
	Hāna	4	Lahaina	11	Kaunakakai	7
	Kahului	14	Makawao	9	Lāna'i City	8
	Kīhei	9	Pā'ia	4		

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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	8	Kula	5	Pā'ia	3
	Kahului	3	Lahaina	12	Wailuku	9
	Kīhei	8	Makawao	5		
Museums, Historical Sites, & Related	NA					
Amusement, Gambling, & Recreation	Ha'ikū	3	Kula	6	Wailuku	6
	Kahului	12	Lahaina	20		
	Kīhei	20	Makawao	6		
Accommodation	Ha'ikū	2	Lahaina	59	Wailuku	3
	Kīhei	28	Pā'ia	3		
Food Service & Drinking	Ha'ikū	11	Kula	8	Wailuku	55
	Hāna	4	Lahaina	122	Kaunakakai	9
	Kahului	71	Makawao	22	Lāna'i City	4
	Kīhei	111	Pā'ia	17		
Repair & Maintenance	Kahului	27	Lahaina	7	Pu'unēnē	3
	Kīhei	8	Makawao	8	Wailuku	31
Personal & Laundry Services	Ha'ikū	3	Kula	3	Wailuku	24
	Kahului	19	Lahaina	41		
	Kīhei	27	Makawao	7		
Religious, Civic, & Professional Organizations	Ha'ikū	8	Kula	9	Wailuku	43
	Hāna		Lahaina	75	Kaunakakai	10
	Kahului	26	Makawao	10	Lāna'i City	4
	Kīhei	86	Pā'ia	4		

NA: Not available.

Note: To comply with disclosure avoidance guidelines, results for locations with fewer than three contributing establishments are suppressed.

SOURCE: U.S. CENSUS BUREAU, 2019 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	268	6,660
21	Mining, Quarrying, and Oil and Gas Extraction	N	N	5	499
22	Utilities	17	Q	43	3,610
23	Construction	N	N	1,344	104,282
31-33	Manufacturing	120	220,436	353	16,033
42	Wholesale Trade	146	828,658	374	21,852
44-45	Retail Trade	D	D	1,414	68,883
48-49	Transportation & Warehousing	153	534,832	700	18,522
51	Information	72	N	168	5,879
52	Finance & Insurance	150	N	281	19,033
53	Real Estate & Rental & Leasing	343	651,419	2,077	198,414
54	Professional, Scientific, & Tech. Services	417	222,937	2,282	95,439
55	Management of Companies & Enterprises	N	N	N	N
56	Admin., Support & Waste Management	305	416,518	1,905	57,906
61	Educational Services	D	D	390	9,770
62	Health Care & Social Assistance	431	932,736	994	47,754
71	Arts, Entertainment, & Recreation	128	192,877	1,385	58,103
72	Accommodation & Food Services	546	2,929,727	431	34,833
81	Other Services (except Public Administration)	409	299,446	2,824	104,403

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, 2017 ECONOMIC CENSUS, AND 2017 NONEMPLOYER STATISTICS.

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