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

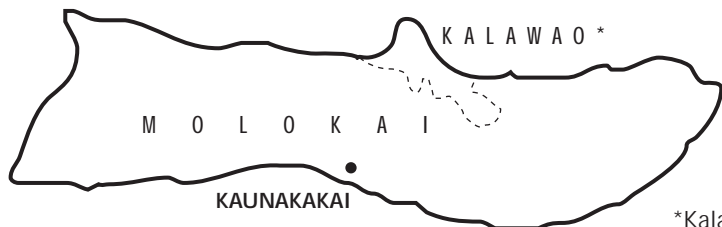
Population statistics are based on the April 1, 1990 census figures modified by provisional estimates supplied by the Federal-State Cooperative Program for Population Estimates.

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

The sources for this data are the U.S. Bureau of the Census, estimates developed by the Hawaii State Department of Business, Economic Development and Tourism, U.S. Department of Commerce, Hawaii State Department of Health, and the U.S. Bureau of Labor Statistics CPI Reports.

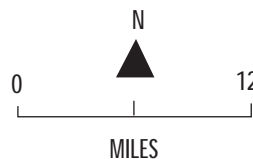
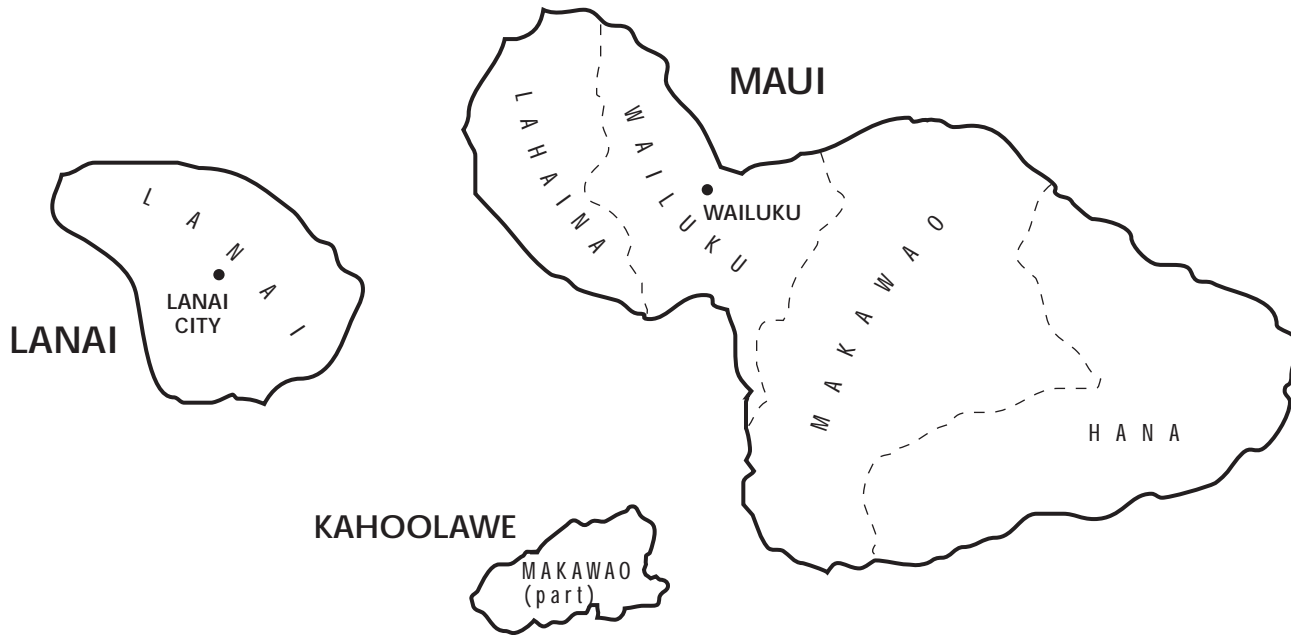
1.1.1

MAUI COUNTY AND DISTRICTS



MOLOKAI

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



SOURCE: Hawaii State Department of Business, Economic Development and Tourism, 1991.

## 1.2.1 MAUI COUNTY STATISTICS

	Unit	Period	1994	1995	1996	1997	1998	1999	%Change Annual 98/99	%Change Annual 97/98
Resident Population <sup>1p</sup>	Number	July 1	112,711r	115,305r	117,570r	119,129r	120,691r	121,997	1.1	1.3
Civilian Labor Force <sup>r</sup>	Number	Mo. Avg.	65,800	65,800	68,050	69,250r	70,050r	71,650p	2.3	1.2
Employment <sup>f</sup>	Number	Mo. Avg.	61,300	61,000	63,050	64,050	65,250r	67,550p	3.5	1.9
Unemployment <sup>f</sup>	Number	Mo. Avg.	4,500	4,800	4,950	5,200	4,750r	4,100p	-13.7	-8.7
Unemployment rate <sup>f</sup>	Percent	Mo. Avg.	6.8	7.3	7.3	7.5	6.8	5.7p	-1.1*	-0.7*
Total Job Count <sup>2r</sup>	Number	Mo. Avg.	54,350	53,950	54,250	55,450r	56,700r	58,350	2.9	2.3
Gross Business Receipts	Mil. \$	Total	2,881.0	2,804.0	2,525.5 <sup>3</sup>	1,984.0 <sup>3</sup>	2,107.9 <sup>3</sup>	3,429.5	62.7	6.2
State Tax Collections <sup>5</sup>	Thous. \$	Total	173,014	167,476	194,659 <sup>3</sup>	193,662 <sup>3</sup>	212,588 <sup>3</sup>	234,878	10.5	9.8
Estimated Westbound Visitors	Thous.	Total	1,900.3	1,855.7	1,830.1	1,879.3	1,944.2r	1,999.5p	2.8	3.5
Estimated Eastbound Visitors	Thous.	Total	454.3	489.9	494.9	471.0	416.2r	325.0p	-21.9	-11.6
Hotel Inventory	Number	Feb.	18,804	NA	17,824	18,552	18,650	NA	NA	0.5
Hotel Occupancy	Percent	Mo. Avg.	73.2	73.5	73.4	71.6	72.8	77.3	4.5*	-1.8*
Construction Put in Place	Thous. \$	Total	207,770	187,172	180,021	NA	NA	NA	NA	NA
Private Permits	Thous. \$	Total	194,752	215,073	155,955	152,773	163,638	229,162	40.0	7.1
Residential Permits	Thous. \$	Total	123,620	81,231	94,922	86,855	91,291	123,633	35.4	5.1
Non-Residential Permits	Thous. \$	Total	71,132	133,842	61,033	28,437	37,668	60,488	60.6	32.5
Public Contracts Awarded	Thous. \$	Total	101,051	40,153	82,095	NA	NA	NA	NA	NA
Real Estate Resales										
Single Family	Number	Total	372	309	445	505	638r	937p	46.9	26.3
Average Price	Dollars	Avg.	358,073	354,902	367,247	352,772	372,084r	356,591p	-4.2	5.5
Condominium	Number	Total	542	472	572	809	996r	1,321p	32.6	23.1
Average Price	Dollars	Avg.	245,087	236,486	243,362	211,609	230,184r	227,313p	-1.2	8.8
Sugar Production, Raw Sugar 96'	Thous. Ton	Total	241	229	232	224	237	NA	NA	5.8
Pineapple Sales, Fresh Equivalent	Thous. \$	Total	25,150	24,775	27,144	28,295	NA	NA	NA	NA
Diversified Crops/Livestock	Thous. \$	Total	43,539	40,482	42,243	45,413	NA	NA	NA	NA
Diversified Crops	Thous. \$	Total	32,797	29,889	32,100	34,258	NA	NA	NA	NA
Livestock	Thous. \$	Total	10,742	10,593	10,143	11,155	NA	NA	NA	NA

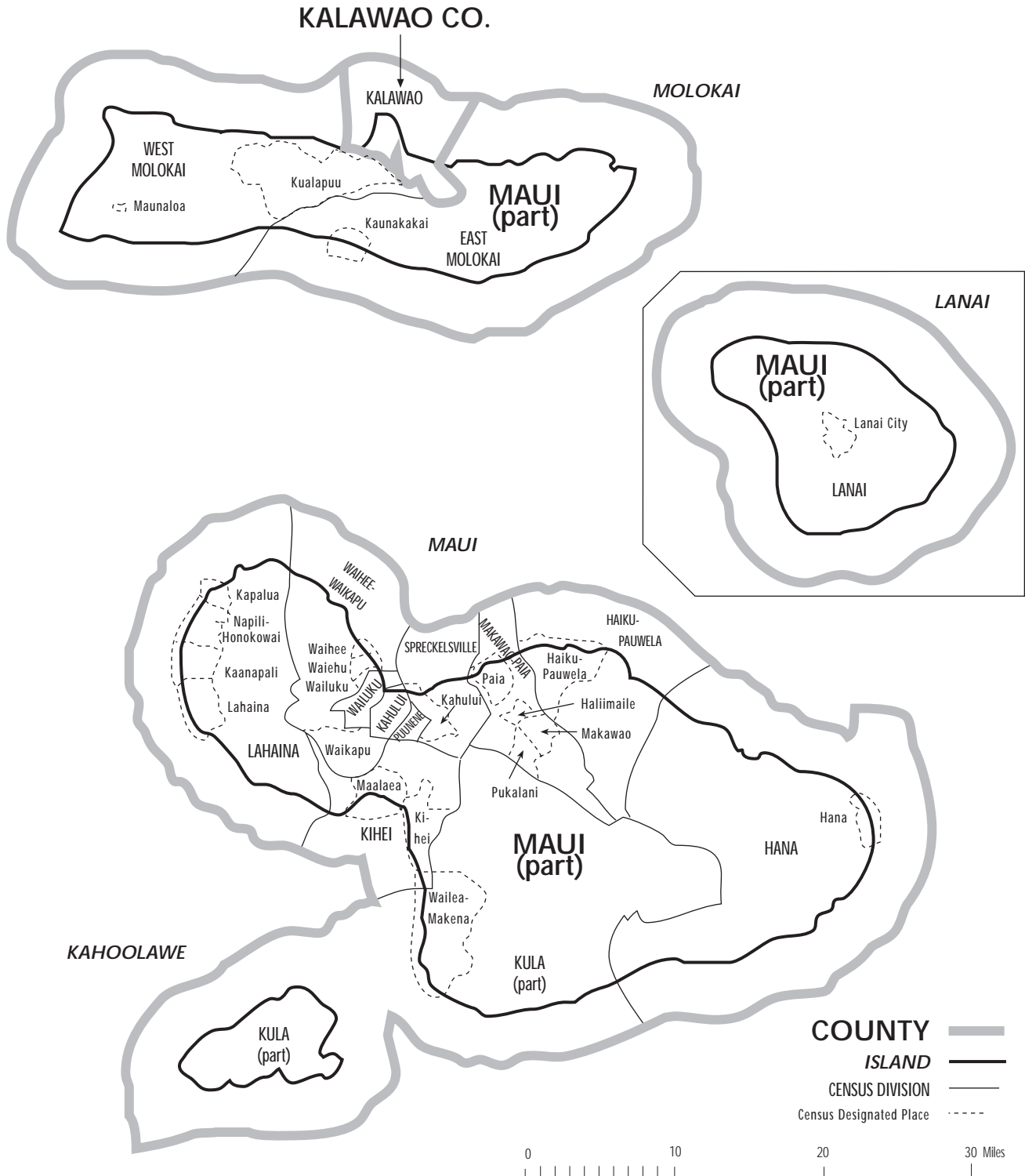
1. Preliminary estimates by the U.S. Bureau of the Census.    2. Refers to number of jobs rather than number of persons employed. Persons with more than one job are counted more than once.  
 3. 1996-1997 figures are not comparable to other years due to low allocation to counties of electronically filed tax data.    4. Totals do not include real property taxes.

NA: Not available    \*: Incremental change    p: Preliminary    r: Revised

SOURCE: County of Maui, *Maui County Data Book 2000*, after First Hawaiian Bank, *Supplement to Economic Indicators*, September/October 1997.

1.3.1

MAUI COUNTY SUBDIVISIONS AND PLACES



SOURCE: U.S. Department of Commerce, Bureau of the Census, 1991.

### 1.3.2

## RESIDENT POPULATION BY COUNTIES

*Estimates based on place of usual residence; includes armed forces stationed or homeported in Hawaii and residents temporarily absent, excludes visitors present*

Date	Maui County <sup>1</sup>	Hawaii County	Kauai County	City & County of Honolulu	State Total
July 1, 1980	71,600	92,900	39,400	764,600	968,500
July 1, 1981	74,000	96,100	40,500	767,600	978,200
July 1, 1982	77,100	98,800	41,800	776,100	993,800
July 1, 1983	80,100	100,800	42,800	789,100	1,012,700
July 1, 1984	83,000	103,500	43,600	797,800	1,027,900
July 1, 1985	85,100	105,900	44,400	804,300	1,039,700
July 1, 1986	87,400	108,400	45,600	810,400	1,051,800
July 1, 1987	90,500	111,700	47,200	818,400	1,067,900
July 1, 1988	93,800	113,400	48,500	824,100	1,079,800
July 1, 1989	96,800	116,600	49,800	831,300	1,094,600
July 1, 1990 (revised)	101,588	121,458	51,625	838,032	1,112,703
July 1, 1991 (revised)	105,013	126,684	53,121	846,594	1,131,412
July 1, 1992 (revised)	107,543	130,524	53,975	857,884	1,149,926
July 1, 1993 (revised)	110,424	133,428	54,789	862,867	1,161,508
July 1, 1994 (revised)	112,711	135,547	55,686	869,959	1,173,903
July 1, 1995 (revised)	115,305	137,761	56,055	871,369	1,180,490
July 1, 1996 (revised)	117,570	138,792	56,463	871,609	1,184,434
July 1, 1997 (revised)	119,129	140,824	56,254	873,115	1,189,322
July 1, 1998 (revised)	120,691	141,805	56,208	871,768	1,190,472
July 1, 1999	121,997	142,390	56,539	864,571	1,185,497

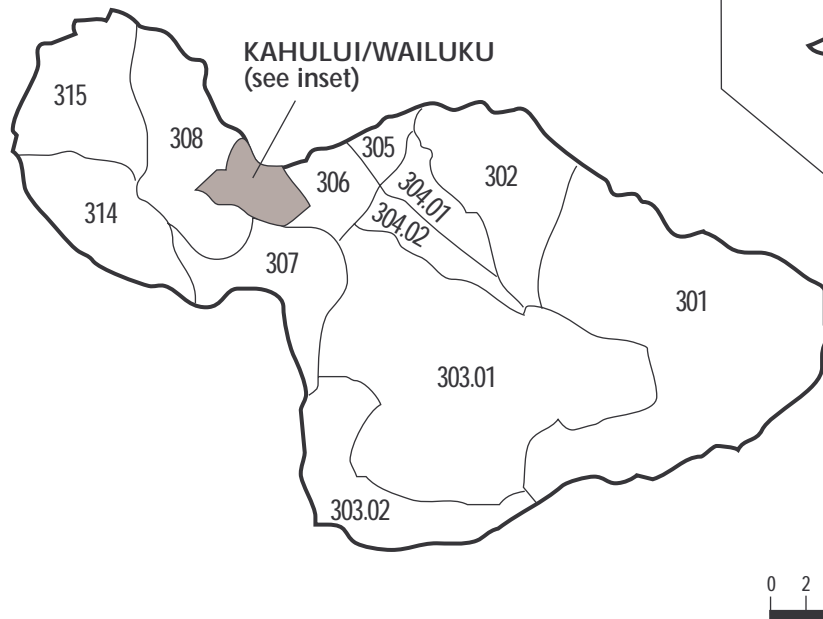
<sup>1</sup> Including Kalawao County (Kalaupapa Settlement).

SOURCE: Population Estimates Program, Population Division, U.S. Bureau of the Census, "County Population Estimates and Demographic Components of Population Change: Annual Time Series, July 1, 1990 to July 1, 1999 (includes revised April 1, 1990 Population Estimates Base)," CO-99-8.

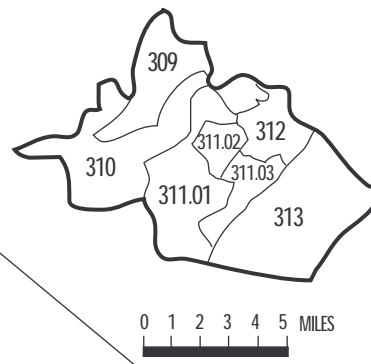
1.3.3

MAUI COUNTY CENSUS TRACTS

ISLAND OF MAUI



KAHULUI AND WAILUKU

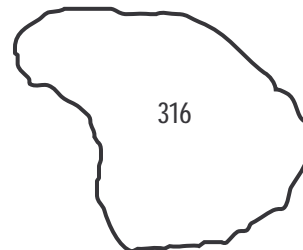


NOTE: Census Tract 303.02 includes the Islands of Kahoolawe and Molokini (not shown).

ISLAND OF MOLOKAI



ISLAND OF LANAI



SOURCE: Hawaii State Department of Business, Economic Development and Tourism, 1991.

### 1.3.4

## DE FACTO POPULATION, BY COUNTIES

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

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

**1990 - 1997 figures revised**

Date	Maui County <sup>1</sup>	Hawaii County	Kauai County	City & County of Honolulu	State Total
July 1, 1980	86,400	99,300	46,400	823,400	1,055,400
July 1, 1981	89,000	101,700	47,300	824,700	1,062,600
July 1, 1982	94,200	104,300	48,400	837,600	1,084,600
July 1, 1983	104,000	108,500	50,500	846,300	1,109,200
July 1, 1984	114,400	109,600	54,100	852,300	1,130,500
July 1, 1985	115,400	112,500	55,200	854,800	1,137,800
July 1, 1986	120,100	116,600	59,700	871,000	1,167,500
July 1, 1987	123,100	120,400	62,100	881,000	1,186,500
July 1, 1988	125,700	122,200	64,200	888,200	1,200,400
July 1, 1989	139,200	132,300	68,100	905,900	1,245,600
July 1, 1990	139,400	136,500	69,000	912,000	1,256,900
July 1, 1991	143,700	144,100	71,400	913,900	1,273,100
July 1, 1992	146,300	146,400	65,700	909,300	1,267,700
July 1, 1993	148,100	147,600	60,800	907,000	1,263,500
July 1, 1994	151,000	149,800	66,700	917,600	1,285,100
July 1, 1995	153,400	151,300	68,000	918,800	1,291,600
July 1, 1996	155,200	152,800	69,600	919,600	1,297,200
July 1, 1997	158,900	159,100	71,000	925,500	1,314,400
July 1, 1998	162,300	163,100	72,400	923,400	1,321,100

<sup>1</sup> Including Kalawao County (Kalaupapa Settlement). The 1998 defacto population of Kalawao was 74.

SOURCE: Federal-State Cooperative Program for Population Estimates; Hawaii Visitors & Convention Bureau, Basic Data Survey; calculations by the Hawaii State Department of Business, Economic Development and Tourism.

## 1.3.5

## RESIDENT POPULATION BY COUNTIES AND DISTRICTS

County and District	April 1, 1980	April 1, 1990	July 1, 1995	Percent Change	
				1980 to 1990	1990 to 1995
<b>State Total</b>	<b>964,691</b>	<b>1,108,229</b>	<b>1,179,198</b>	<b>14.9</b>	<b>6.4</b>
<b>Maui County<sup>1</sup></b>	<b>70,991</b>	<b>100,504</b>	<b>115,163</b>	<b>41.6</b>	<b>14.6</b>
Hana	1,423	1,895	2,027	33.2	7.0
Makawao	19,005	29,207	33,854	53.7	15.9
Wailuku	32,111	45,685	53,316	42.3	16.7
Lahaina	10,284	14,574	16,137	41.7	10.7
Lanai	2,119	2,426	2,989	14.5	23.2
Molokai	5,905	6,587	6,745	11.5	2.4
Kalawao	144	130	93	-9.7	-28.5
<b>City &amp; Co. of Honolulu</b>	<b>762,565</b>	<b>836,231</b>	<b>870,761</b>	<b>9.7</b>	<b>4.1</b>
Honolulu	365,048	377,059	369,485	3.3	-2.0
Koolaupoko	109,373	117,694	121,990	7.6	3.7
Koolauloa	14,195	18,443	19,152	29.9	3.8
Waialua	9,849	11,549	11,572	17.3	0.2
Wahiawa	41,562	43,886	48,905	5.6	11.4
Waianae	31,487	37,411	37,966	18.8	1.5
Ewa	191,051	230,189	261,691	20.5	13.7
<b>Hawaii County</b>	<b>92,053</b>	<b>120,317</b>	<b>137,291</b>	<b>30.7</b>	<b>14.1</b>
Puna	11,751	20,781	27,585	76.8	32.7
South Hilo	42,278	44,639	45,790	5.6	2.6
North Hilo	1,679	1,541	1,561	-8.2	1.3
Hamakua	5,128	5,545	5,757	8.1	3.8
North Kohala	3,249	4,291	4,826	32.1	12.5
South Kohala	4,607	9,140	12,098	98.4	32.4
North Kona	13,748	22,284	25,447	62.1	14.2
South Kona	5,914	7,658	8,619	29.5	12.5
Ka'u	3,699	4,438	5,607	20.0	26.3
<b>Kauai County</b>	<b>39,082</b>	<b>51,177</b>	<b>55,983</b>	<b>30.9</b>	<b>9.4</b>
Hanalei	2,668	4,631	5,404	73.6	16.7
Kawaihau	10,497	15,627	17,537	48.9	12.2
Lihue	8,590	10,663	11,237	24.1	5.4
Koloa	8,734	11,368	12,586	30.2	10.7
Waimea	8,593	8,888	9,220	3.4	3.7

NOTE: Based on revised 1995 population estimates.

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

SOURCE: U.S. Department of Commerce, Bureau of the Census, 1990 Census of Population and Housing, Population and Housing Unit Counts, Hawaii, 1990 CPH-2-13 (March 1993), table 8; 1995 county estimates from the Federal-State Cooperative Program for Population Estimates; 1995 district estimates by Hawaii State Department of Business, Economic Development and Tourism, Research and Economic Analysis Division.

## 1.3.6

**RESIDENT POPULATION, LAND AREA, AND  
POPULATION DENSITY OF DIVISIONS AND CENSUS  
DESIGNATED PLACES, MAUI COUNTY**

District and Place	All Persons	Land Area (sq. miles)	Persons Per Square Mile
<b>Maui County Total</b>	<b>100,374</b>	<b>1,159.3</b>	<b>86.6</b>
<b>East Molokai division</b>	<b>4,419</b>	<b>119.4</b>	<b>37.0</b>
Kaunakakai CDP	2,658	2.0	1,329.0
<b>Haiku-Pauwela division</b>	<b>5,695</b>	<b>59.9</b>	<b>95.1</b>
Haiku-Pauwela CDP	4,509	15.8	285.4
<b>Hana division</b>	<b>1,895</b>	<b>180.4</b>	<b>10.5</b>
Hana CDP	683	2.2	310.5
<b>Kahului division</b>	<b>16,672</b>	<b>5.8</b>	<b>2,874.5</b>
Kahului CDP (part)	16,672	5.8	2,874.5
<b>Kihei division</b>	<b>12,878</b>	<b>38.8</b>	<b>331.9</b>
Kihei CDP	11,107	10.2	1,088.9
Maalaea CDP	443	4.8	92.3
Wailea-Makena CDP (part)	1,322	0.5	2,644.0
<b>Kula division</b>	<b>8,021</b>	<b>263.5</b>	<b>30.4</b>
Wailea-Makena CDP (part)	2,477	22.1	112.1
<b>Lahaina division</b>	<b>14,574</b>	<b>95.9</b>	<b>152.0</b>
Kaanapali CDP	579	4.9	118.2
Kapalua CDP	408	1.7	240.0
Lahaina CDP	9,073	5.8	1,564.3
Napili-Honokowai CDP	4,332	5.9	734.2
<b>Lanai division</b>	<b>2,426</b>	<b>140.5</b>	<b>17.3</b>
Lanai City CDP	2,400	3.6	666.7
<b>Makawao-Paia division</b>	<b>15,491</b>	<b>43.3</b>	<b>357.8</b>
Haliimaile CDP	841	1.7	494.7
Makawao CDP	5,405	4.7	1,150.0
Paia CDP	2,091	6.1	342.8
Pukalani CDP	5,879	4.4	1,336.1
<b>Puunene division</b>	<b>217</b>	<b>4.6</b>	<b>47.2</b>
Kahului CDP (part)	217	4.6	47.2
<b>Spreckelsville division</b>	<b>213</b>	<b>19.8</b>	<b>10.8</b>
Kahului CDP (part)	-	4.8	-
<b>Waihee-Waikapu division</b>	<b>2,273</b>	<b>54.6</b>	<b>41.6</b>
Waihee-Waiehu CDP (part)	892	3.4	262.4
Waikapu CDP	729	11.0	66.3
Wailuku CDP (part)	368	0.7	525.7
<b>Wailuku division</b>	<b>13,432</b>	<b>5.3</b>	<b>2,534.3</b>
Waihee-Waiehu CDP (part)	3,112	0.9	3,457.8
Wailuku CDP (part)	10,320	4.4	2,345.5
<b>West Molokai division</b>	<b>2,168</b>	<b>127.4</b>	<b>17.0</b>
Kualapuu CDP	1,661	30.5	54.5
Maunaloa CDP	405	0.2	2,025.0

NOTE: "CDP" means Census Designated Place, a "densely settled concentration of population that is identifiable by name." The boundaries of a CDP can differ from the boundaries of a division or a census tract.

SOURCE: U.S. Bureau of the Census, *1990 Census of Population and Housing: Summary Population and Housing Characteristics: Hawaii*, 1990 CPH-1-13 (August 1991), table 15.

## 1.3.7

**RESIDENT POPULATION AND HOUSEHOLDS,  
MAUI COUNTY BY DISTRICTS AND CENSUS TRACTS**

District and Census Tract	Population	Households
<b>Maui County Total</b>	<b>100,374</b>	<b>33,145</b>
<b>Hana</b>	<b>1,895</b>	<b>589</b>
301	1,895	589
<b>Makawao</b>	<b>29,207</b>	<b>9,798</b>
302	5,695	1,916
303.01	5,525	1,960
303.02	2,496	1,029
304.01	7,271	2,290
304.02	6,127	1,929
305	2,093	674
<b>Wailuku</b>	<b>45,685</b>	<b>15,017</b>
306	213	85
307	12,869	4,902
307.99 <sup>1</sup>	9	–
308	2,273	655
309	8,372	2,509
310	5,060	1,849
311.01	4,516	1,297
311.02	4,332	1,475
311.03	4,438	1,099
312	3,386	1,099
313	217	47
<b>Lahaina</b>	<b>14,574</b>	<b>4,868</b>
314	9,189	2,683
315	5,385	2,185
<b>Lanai</b>	<b>2,426</b>	<b>847</b>
316	2,426	847
<b>Molokai</b>	<b>6,587</b>	<b>2,026</b>
317	4,419	1,407
318	2,168	619
<b>Kalawao</b>	<b>130</b>	<b>62</b>
319	130	62

<sup>1</sup> Persons living aboard vessels.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *1990 Census of Population and Housing, Summary Tape File 1A*, tabulated by the Hawaii State Data Center, Department of Business, Economic Development and Tourism.

## 1.3.8

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

	All Persons	SEX		RACE					Hispanic Origin (of any race)
		Male	Female	White	Black	Amer. Indian, Eskimo, or Aleutian	Asian or Pacific Islander	Other Race	
<b>Haiku-Pauwela division</b>	<b>5,695</b>	<b>2,923</b>	<b>2,772</b>	<b>3,446</b>	<b>38</b>	<b>76</b>	<b>1,976</b>	<b>159</b>	<b>619</b>
Haiku-Pauwela CDP	4,509	2,313	2,196	2,634	28	71	1,664	112	536
<b>Hana division</b>	<b>1,895</b>	<b>998</b>	<b>897</b>	<b>737</b>	<b>7</b>	<b>15</b>	<b>1,124</b>	<b>12</b>	<b>174</b>
Hana CDP	683	354	329	163	–	1	515	4	63
<b>Kahului division</b>	<b>16,672</b>	<b>8,259</b>	<b>8,413</b>	<b>2,595</b>	<b>77</b>	<b>41</b>	<b>13,679</b>	<b>280</b>	<b>1,455</b>
Kahului CDP (part)	16,672	8,259	8,413	2,595	77	41	13,769	280	1,455
<b>Kihei division</b>	<b>12,878</b>	<b>6,679</b>	<b>6,199</b>	<b>8,290</b>	<b>104</b>	<b>107</b>	<b>4,157</b>	<b>220</b>	<b>922</b>
Kihei CDP	11,107	5,750	5,357	6,853	87	99	3,869	199	862
Maalaea CDP	443	233	210	386	11	3	40	3	8
Wailea-Makena CDP (part)	1,322	692	630	1,046	6	5	247	18	52
<b>Kula division</b>	<b>8,021</b>	<b>4,047</b>	<b>3,974</b>	<b>5,599</b>	<b>24</b>	<b>37</b>	<b>2,298</b>	<b>63</b>	<b>451</b>
Wailea-Makena CDP (part)	2,477	1,267	1,210	2,006	14	13	422	22	94
<b>Lahaina division</b>	<b>14,574</b>	<b>7,729</b>	<b>6,845</b>	<b>6,514</b>	<b>78</b>	<b>49</b>	<b>7,683</b>	<b>250</b>	<b>946</b>
Kaanapali CDP	579	294	285	495	1	1	78	4	26
Kapalua CDP	408	284	124	343	–	–	59	6	9
Lahaina CDP	9,073	4,739	4,334	2,863	39	22	6,002	147	595
Napili-Honokowai CDP	4,332	2,309	2,023	2,733	37	26	1,445	91	309
<b>Makawao-Paia division</b>	<b>15,491</b>	<b>7,860</b>	<b>7,631</b>	<b>7,285</b>	<b>68</b>	<b>85</b>	<b>7,681</b>	<b>372</b>	<b>1,572</b>
Hallimaile CDP	841	407	434	189	1	8	620	23	111
Makawao CDP	5,405	2,695	2,710	2,927	27	28	2,250	173	628
Paia CDP	2,091	1,090	1,001	724	12	15	1,275	65	276
Pukalani CDP	5,879	2,977	2,902	2,455	22	26	3,272	104	501

**1.3.8**  
CONTINUED

	All Persons	SEX		RACE					Hispanic Origin (of any race)
		Male	Female	White	Black	Amer. Indian, Eskimo, or Aleutian	Asian or Pacific Islander	Other Race	
<b>Puunene division</b>	<b>217</b>	<b>132</b>	<b>85</b>	<b>63</b>	<b>2</b>	<b>1</b>	<b>130</b>	<b>21</b>	<b>36</b>
Kahului CDP (part)	217	132	85	63	2	1	130	21	36
<b>Spreckelsville division</b>	<b>213</b>	<b>108</b>	<b>105</b>	<b>187</b>	<b>-</b>	<b>-</b>	<b>26</b>	<b>-</b>	<b>6</b>
Kahului CDP (part)	-	-	-	-	-	-	-	-	-
<b>Waihee-Waikapu division</b>	<b>2,273</b>	<b>1,163</b>	<b>1,110</b>	<b>629</b>	<b>10</b>	<b>4</b>	<b>1,587</b>	<b>43</b>	<b>151</b>
Waihee-Waiehu CDP (part)	892	454	438	216	1	2	657	16	52
Waikapu CDP	729	366	363	182	6	2	524	15	55
Wailuku CDP (part)	368	187	181	117	-	-	248	3	21
<b>Wailuku division</b>	<b>13,432</b>	<b>6,718</b>	<b>6,714</b>	<b>3,004</b>	<b>60</b>	<b>59</b>	<b>10,085</b>	<b>224</b>	<b>932</b>
Waihee-Waiehu CDP (part)	3,112	1,555	1,557	635	13	15	2,391	58	266
Wailuku CDP (part)	10,320	5,163	5,157	2,369	47	44	7,694	166	666
<b>East Molokai division</b>	<b>4,419</b>	<b>2,216</b>	<b>2,203</b>	<b>753</b>	<b>15</b>	<b>37</b>	<b>3,584</b>	<b>30</b>	<b>228</b>
Kaunakakai CDP	2,658	1,323	1,335	337	6	9	2,292	14	134
<b>West Molokai division</b>	<b>2,168</b>	<b>1,113</b>	<b>1,055</b>	<b>398</b>	<b>9</b>	<b>6</b>	<b>1,734</b>	<b>21</b>	<b>80</b>
Kualapuu CDP	1,661	846	815	249	5	1	1,399	7	32
Maunaloa CDP	405	216	189	71	4	5	314	11	43
<b>Kalawao division</b>	<b>130</b>	<b>80</b>	<b>50</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>100</b>	<b>-</b>	<b>11</b>
<b>Lanai division</b>	<b>2,426</b>	<b>1,256</b>	<b>1,170</b>	<b>266</b>	<b>2</b>	<b>4</b>	<b>2,141</b>	<b>13</b>	<b>211</b>
Lanai City CDP	2,400	1,243	1,157	256	1	4	2,126	13	211
<b>Maui County Total</b>	<b>100,374</b>	<b>51,201</b>	<b>49,173</b>	<b>39,766</b>	<b>494</b>	<b>521</b>	<b>57,885</b>	<b>1,708</b>	<b>7,781</b>

NOTE: See appendix for selected subject definitions.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *1990 Census of Population and Housing: Summary Population and Housing Characteristics: Hawaii, 1990*, CPH-1-13, table 3.

## 1.3.9

**SUMMARY BY AGE OF PERSON,  
MAUI COUNTY DIVISIONS AND CENSUS DESIGNATED PLACES**

	All Persons	Under 5 yrs	16 yrs and over	18 yrs and over	18 to 20 yrs	21 to 24 yrs	25 to 44 yrs	45 to 54 yrs	55 to 59 yrs	60 to 64 yrs	65 yrs and over	75 yrs and over	85 yrs and over	Median Age
<b>Haiku-Pauwela division</b>	<b>5,695</b>	<b>490</b>	<b>4,111</b>	<b>3,968</b>	<b>184</b>	<b>223</b>	<b>2,324</b>	<b>512</b>	<b>166</b>	<b>168</b>	<b>391</b>	<b>146</b>	<b>29</b>	<b>32.7</b>
Haiku-Pauwela CDP	4,509	346	3,302	3,174	159	187	1,812	415	137	133	331	135	28	32.8
<b>Hana division</b>	<b>1,895</b>	<b>207</b>	<b>1,328</b>	<b>1,254</b>	<b>77</b>	<b>79</b>	<b>616</b>	<b>169</b>	<b>71</b>	<b>67</b>	<b>175</b>	<b>66</b>	<b>13</b>	<b>31.1</b>
Hana CDP	683	76	474	440	46	42	188	54	28	33	49	13	3	26.3
<b>Kahului division</b>	<b>16,672</b>	<b>1,254</b>	<b>12,805</b>	<b>12,332</b>	<b>688</b>	<b>957</b>	<b>4,844</b>	<b>1,668</b>	<b>737</b>	<b>851</b>	<b>2,587</b>	<b>1,032</b>	<b>272</b>	<b>34.0</b>
Kahului CDP (part)	16,672	1,254	12,805	12,332	688	957	4,844	1,668	737	851	2,587	1,032	272	34.0
<b>Kihei division</b>	<b>12,878</b>	<b>901</b>	<b>10,197</b>	<b>9,950</b>	<b>429</b>	<b>733</b>	<b>5,440</b>	<b>1,375</b>	<b>462</b>	<b>478</b>	<b>1,033</b>	<b>288</b>	<b>46</b>	<b>33.5</b>
Kihei CDP	11,107	808	8,716	8,490	397	664	4,718	1,161	383	358	809	225	41	32.7
Maalaea CDP	443	11	412	408	7	12	184	70	31	35	69	22	2	43.3
Wailea-Makena CDP (part)	1,322	82	1,063	1,046	25	57	536	144	48	84	152	41	3	37.2
<b>Kula division</b>	<b>8,021</b>	<b>584</b>	<b>6,205</b>	<b>6,046</b>	<b>179</b>	<b>238</b>	<b>3,101</b>	<b>922</b>	<b>318</b>	<b>317</b>	<b>971</b>	<b>346</b>	<b>96</b>	<b>37.0</b>
Wailea-Makena CDP (part)	2,477	133	2,052	2,016	54	82	995	335	116	135	299	72	9	39.0
<b>Lahaina division</b>	<b>14,574</b>	<b>1,040</b>	<b>11,715</b>	<b>11,329</b>	<b>553</b>	<b>969</b>	<b>5,844</b>	<b>1,364</b>	<b>541</b>	<b>620</b>	<b>1,438</b>	<b>517</b>	<b>82</b>	<b>32.8</b>
Kaanapali CDP	579	28	506	500	8	15	193	74	42	46	122	37	5	44.5
Kapalua CDP	408	13	338	274	36	30	105	35	17	14	37	7	2	25.8
Lahaina CDP	9,073	655	7,144	6,888	376	615	3,293	877	327	416	984	374	62	32.3
Napili-Honokowai CDP	4,332	324	3,587	3,532	127	298	2,178	364	145	138	282	94	11	32.8
<b>Makawao-Paia division</b>	<b>15,491</b>	<b>1,316</b>	<b>11,264</b>	<b>10,784</b>	<b>614</b>	<b>673</b>	<b>5,801</b>	<b>1,500</b>	<b>503</b>	<b>465</b>	<b>1,228</b>	<b>463</b>	<b>101</b>	<b>31.6</b>
Haliimaile CDP	841	58	638	620	37	45	268	63	42	41	124	49	6	33.5
Makawao CDP	5,405	536	3,787	3,636	184	212	2,240	468	119	104	309	110	28	30.4
Paia CDP	2,091	159	1,608	1,544	96	120	749	205	67	62	245	113	27	31.8
Pukalani CDP	5,879	483	4,237	4,064	210	242	2,083	604	230	224	471	161	37	32.4

**1.3.9**  
CONTINUED

	All Persons	Under 5 yrs	16 yrs and over	18 yrs and over	18 to 20 yrs	21 to 24 yrs	25 to 44 yrs	45 to 54 yrs	55 to 59 yrs	60 to 64 yrs	65 yrs and over	75 yrs and over	85 yrs and over	Median Age
<b>Puunene division</b>	<b>217</b>	<b>11</b>	<b>175</b>	<b>172</b>	<b>11</b>	<b>18</b>	<b>63</b>	<b>12</b>	<b>9</b>	<b>10</b>	<b>49</b>	<b>19</b>	<b>4</b>	<b>35.9</b>
Kahului CDP (part)	217	11	175	172	11	18	63	12	9	10	49	19	4	35.9
<b>Spreckelsville division</b>	<b>213</b>	<b>14</b>	<b>171</b>	<b>168</b>	<b>6</b>	<b>7</b>	<b>70</b>	<b>37</b>	<b>10</b>	<b>13</b>	<b>25</b>	<b>10</b>	<b>3</b>	<b>41.7</b>
Kahului CDP (part)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Waihee-Waikapu division</b>	<b>2,273</b>	<b>176</b>	<b>1,633</b>	<b>1,570</b>	<b>84</b>	<b>71</b>	<b>740</b>	<b>231</b>	<b>86</b>	<b>96</b>	<b>262</b>	<b>88</b>	<b>23</b>	<b>34.0</b>
Waihee-Waiehu CDP (part)	892	58	669	643	29	24	278	82	43	54	133	45	12	35.6
Waikapu CDP	729	43	546	526	34	31	203	94	28	33	103	36	11	35.2
Wailuku CDP (part)	368	47	229	223	7	8	169	25	6	1	7	2	-	31.8
<b>Wailuku division</b>	<b>13,432</b>	<b>987</b>	<b>10,261</b>	<b>9,912</b>	<b>466</b>	<b>603</b>	<b>4,449</b>	<b>1,262</b>	<b>510</b>	<b>675</b>	<b>1,947</b>	<b>830</b>	<b>218</b>	<b>34.4</b>
Waihee-Waiehu CDP (part)	3,112	322	2,097	1,991	119	138	1,116	272	84	87	175	56	8	28.8
Wailuku CDP (part)	10,320	665	8,164	7,921	347	465	3,333	990	426	588	1,772	774	210	36.3
<b>East Molokai division</b>	<b>4,419</b>	<b>476</b>	<b>2,983</b>	<b>2,856</b>	<b>146</b>	<b>168</b>	<b>1,202</b>	<b>412</b>	<b>174</b>	<b>185</b>	<b>569</b>	<b>251</b>	<b>62</b>	<b>30.8</b>
Kaunakakai CDP	2,658	281	1,795	1,715	81	92	694	234	111	114	389	172	46	31.1
<b>West Molokai division</b>	<b>2,168</b>	<b>209</b>	<b>1,465</b>	<b>1,380</b>	<b>66</b>	<b>88</b>	<b>570</b>	<b>235</b>	<b>86</b>	<b>97</b>	<b>238</b>	<b>77</b>	<b>15</b>	<b>30.4</b>
Kualapuu CDP	1,661	169	1,127	1,061	56	65	421	182	67	78	192	56	12	30.7
Maunaloa CDP	405	37	254	238	9	22	112	39	13	11	32	21	3	25.7
<b>Kalawao division</b>	<b>130</b>	<b>-</b>	<b>130</b>	<b>130</b>	<b>-</b>	<b>1</b>	<b>24</b>	<b>24</b>	<b>9</b>	<b>28</b>	<b>44</b>	<b>18</b>	<b>6</b>	<b>61.1</b>
<b>Lanai division</b>	<b>2,426</b>	<b>181</b>	<b>1,848</b>	<b>1,770</b>	<b>84</b>	<b>98</b>	<b>619</b>	<b>271</b>	<b>114</b>	<b>138</b>	<b>446</b>	<b>183</b>	<b>27</b>	<b>35.9</b>
Lanai City CDP	2,400	179	1,829	1,751	84	98	611	269	114	138	437	178	27	35.8
<b>Maui County Total</b>	<b>100,374</b>	<b>7,846</b>	<b>76,161</b>	<b>73,491</b>	<b>3,587</b>	<b>4,925</b>	<b>35,683</b>	<b>9,970</b>	<b>3,787</b>	<b>4,180</b>	<b>11,359</b>	<b>4,316</b>	<b>991</b>	<b>33.4</b>

NOTE: See appendix for selected subject definitions.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *1990 Census of Population and Housing: Summary Population and Housing Characteristics: Hawaii*, 1990 CPH-1-13 (August 1991) table 1; pp. 1, 2, and 3.

## 1.3.10

## RESIDENT POPULATION BY CENSUS DESIGNATED PLACE, MAUI COUNTY

Place	Population
<b>County of Maui</b>	<b>100,374</b>
<b>Maui</b>	<b>91,361</b>
Haiku-Pauwela	4,509
Haliimaile	841
Hana	683
Kaanapali	579
Kahului	16,889
Kapalua	408
Kihei	11,107
Lahaina	9,073
Maalaea	443
Makawao	5,405
Napili-Honokowai	4,332
Paia	2,091
Pukalani	5,879
Waihee-Waiehu <sup>1</sup>	4,004
Waikapu	729
Wailea-Makena	3,799
Wailuku	10,688
<b>Molokai</b>	<b>6,717</b>
Kaunakakai	2,658
Kualapuu	1,661
Maunaloa	405
<b>Lanai</b>	<b>2,426</b>
Lanai City	2,400
<b>Kahoolawe</b>	—

NOTE: This table presents data for "census designated places" defined by the Hawaii State Department of Business, Economic Development & Tourism, in cooperation with the Bureau of the Census, for the 1990 decennial census, under authority granted by Sec. 26-18, Hawaii Revised Statutes. Although described in the legislation as "cities, towns, and villages," none of these places is an independent municipality with separate governmental and taxing powers; the boundaries determined for these places are statistical rather than political.

<sup>1</sup> Spelling corrected from that in census report.

SOURCE: Hawaii State Department of Business, Economic Development & Tourism, *State of Hawaii Data Book: A Statistical Abstract, 1992*, table 7, p. 19 and table 11, p. 22.

1.3.11

**ETHNIC STOCK, MAUI COUNTY**

*Excludes persons in institutions or military barracks, on Niihau, or in Kalawao  
Based on a sample survey of 9,205 persons*

<b>Ethnic Stock<sup>1</sup></b>	<b>State Total</b>	<b>Maui County</b>
<b>All Groups</b>	<b>1,148,676</b>	<b>115,668</b>
<b>Unmixed (except Hawaiian)</b>	<b>673,178</b>	<b>61,912</b>
Caucasian	254,421	30,733
Japanese	233,435	16,662
Chinese	35,682	547
Filipino	114,717	13,222
Korean	8,862	36
Black	16,314	592
Puerto Rican	909	–
Samoaan/Tongan	8,838	120
<b>Mixed (except Hawaiian)<sup>2</sup></b>	<b>238,371</b>	<b>26,958</b>
<b>Hawaiian/part Hawaiian</b>	<b>237,128</b>	<b>26,798</b>

<sup>1</sup> Definitions used in this table differ from those in reports of the U.S. Bureau of the Census. Persons of mixed race are shown separately in this table but in 1980 and 1990 census tabulations are assigned to one of the unmixed groups on the basis of self-identification or race of mother.

<sup>2</sup> Includes miscellaneous races and not reported (5,341 in 1989).

## 1.3.12

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

Change	Births	Deaths	Net International Migration	Federal Citizen Movement	Net Domestic Migration	Residual
7/90-7/91	1,857	649	688	2	1,577	-50
7/91-7/92	1,822	705	549	7	912	-55
7/92-7/93	1,864	640	703	5	992	-43
7/93-7/94	1,856	640	511	4	584	-28
7/94-7/95	1,815	696	691	2	830	-48
7/95-7/96	1,891	720	861	0	280	-47
7/96-7/97	1,790	747	894	2	-355	-25
7/97-7/98	1,779	751	531	1	37	-35
7/98-7/99	1,755	734	662	0	-337	-40
4/90-7/99 Total	16,911	6,438	6,214	22	5,135	-351

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. *Federal Citizen Movement* is the net difference between the movement of federal employees (both military and civilian) and their dependents into and out of the United States (excluding Puerto Rico) during the period. *Net Domestic Migration* is the difference between domestic immigration to an area and domestic outmigration from it during the period. Domestic immigration and outmigration consist of moves where both the origins and destinations are within the United States (excluding Puerto Rico). *Residual*: The subnational population estimates must sum to an independently derived estimate of the national population. The residual is the difference between an area's population as estimated by the subnational population estimation procedure before and after imposing this constraint. The residual is not a demographic component of population change; rather, it is a statistical artifact of the procedures employed in producing the estimates.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Population Estimates Program, Population Division, "County Population Estimates and Demographic Components of Population Change: Annual Time Series, July 1, 1990 to July 1, 1999," CO-99-8.

## 1.3.13

## LIVE BIRTHS, MAUI COUNTY BY DISTRICTS

*Calendar year and place of mother's residence basis*

Year	State Total	Maui County <sup>1</sup>	Hana	Makawao	Wailuku	Lahaina	Lanai	Molokai	District Not Reported
1990	20,438	1,885	37	498	855	297	42	129	27
1991	19,880	1,863	39	487	859	291	40	123	24
1992	19,837	1,884	29	467	905	308	54	112	9
1993	19,567	1,889	30	462	906	316	52	119	4
1994	19,348	1,741	29	452	822	282	46	107	3
1995	18,552	1,891	25	466	964	285	45	100	6
1996	18,378	1,865	31	489	876	315	32	113	8
1997	17,326	1,833	34	431	938	286	44	99	1

<sup>1</sup> Kalawao County included with Maui County. No births recorded except 1 in 1996.

SOURCE: Hawaii State Department of Health, Office of Health Status Monitoring, records.

1.3.14

**POPULATION AND ECONOMIC PROJECTIONS,  
MAUI COUNTY: 1990 TO 2010**

*Land use constrained forecast, island level*

<b>Forecast Variables</b>	<b>Historical 1990</b>	<b>Projected 1995</b>	<b>1996</b>	<b>2000</b>	<b>2005</b>	<b>2010</b>
<b>Population</b>						
Lanai	2,426	2,787	3,311	5,144	5,157	5,148
Molokai	6,717	6,774	6,827	7,068	7,297	7,242
Maui Island	91,361	102,314	104,274	112,349	121,609	127,670
Maui County	100,504	111,875	114,412	124,562	134,064	140,060
<b>Civilian Jobs</b>						
Lanai	1,287	1,488	1,770	2,764	2,789	2,801
Molokai	1,987	2,111	2,149	2,322	2,539	2,680
Maui Island	51,756	54,452	55,752	61,067	66,428	69,086
Total	54,990	58,051	59,671	66,153	71,755	74,567
<b>Households</b>						
Lanai	847	987	1,176	1,841	1,865	1,881
Molokai	2,088	2,132	2,153	2,247	2,344	2,350
Maui Island	30,272	34,235	34,954	37,947	41,521	44,066
Total	33,207	37,355	38,283	42,035	45,730	48,296
<b>Average Visitor Census</b>						
Lanai	68	581	720	1,210	1,210	1,210
Molokai	616	880	892	945	1,008	1,070
Maui Island	38,150	48,539	49,929	55,545	63,082	66,682
Total	38,834	50,000	51,540	57,700	65,300	68,962
<b>Total Visitor Units</b>						
Lanai	113	478	605	1,113	1,128	1,128
Molokai	559	559	559	559	559	659
Maui Island	17,363	22,392	23,236	26,298	26,298	26,298
Total	18,035	23,429	24,400	27,970	27,985	28,085
<b>Visitor Arrivals</b>						
Lanai	45,930	100,983	125,096	210,310	210,310	210,310
Molokai	103,630	91,781	92,998	98,507	105,160	111,563
Maui Island	2,345,060	2,908,186	2,987,099	3,308,718	3,765,438	3,982,878
Maui County	2,389,970	3,038,868	3,133,038	3,509,865	3,972,271	4,196,323

NOTE: The model used for these projections is not designed to make short-term projections over the next one to three years. Instead, it projects the long run trend that is expected to prevail over the next twenty years. Actual results in any given year may exceed or fall short of this long run trend due to normal boom and bust variations in the business cycle.

SOURCE: Community Resources, Inc., *Maui Socio-Economic Forecast Study*, Final Report, January 1994. Prepared for the Maui County Planning Department.

## 1.4.1

**PERSONAL INCOME, TOTAL AND PER CAPITA,  
BY COUNTIES**

Year	State Total	Maui + Kalawao Counties	City and County of Honolulu	Hawaii County	Kauai County
<b>Total (x \$1,000)</b>					
1983	13,193,413	961,071	10,682,576	1,077,408	472,358
1984	14,123,179	1,016,819	11,502,090	1,117,675	486,595
1985	15,069,700	1,110,782	12,255,214	1,179,028	524,676
1986	16,118,094	1,233,740	13,019,439	1,292,649	572,266
1987	17,366,635	1,340,017	14,035,221	1,380,357	611,040
1988	19,236,760	1,524,055	15,451,660	1,525,256	735,789
1989	21,229,766	1,731,872	16,925,649	1,729,327	842,918
1990	23,956,464	1,989,048	19,026,479	1,991,096	949,841
1991	25,097,971	2,076,561	19,884,116	2,119,357	1,017,937
1992	26,372,209	2,274,511	21,191,215	2,224,829	681,654
1993	27,511,237	2,386,974	21,718,951	2,319,360	1,085,952
1994	28,331,447	2,499,916	22,266,490	2,413,550	1,151,491
1995	29,396,283	2,572,967	23,077,867	2,542,388	1,203,061
1996	29,783,921	2,640,050	23,295,684	2,630,310	1,217,877
1997	30,514,427	2,721,436	23,836,437	2,716,033	1,240,521
1998	31,268,323				
<b>Per Capita (\$)</b>					
1983	13,028	12,004	13,538	10,692	11,037
1984	13,740	12,255	14,417	10,796	11,152
1985	14,494	13,045	15,237	11,133	11,828
1986	15,325	14,118	16,065	11,929	12,559
1987	16,262	14,802	17,149	12,354	12,945
1988	17,815	16,254	18,750	13,446	15,156
1989	19,395	17,888	20,360	14,833	16,910
1990	21,529	19,580	22,702	16,393	18,401
1991	22,171	19,780	23,488	16,642	19,156
1992	22,906	21,153	24,683	16,948	12,623
1993	23,638	21,613	25,127	17,284	19,804
1994	24,090	22,171	25,554	17,710	20,682
1995	24,848	22,294	26,434	18,352	21,448
1996	25,086	22,431	26,681	18,825	21,469
1997	25,598	22,827	27,259	19,147	21,941
1998	26,210				

NOTE: County totals do not sum to state total. Latest annual state personal income figures were released in July 1999; latest county figures were released in May 1999.

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis. State personal income: *State Personal Income 1929-97*, on CD-ROM (September 1998); *Survey of Current Business* (August 1999), pp. D-66, D-67. County personal income: *Regional Economic Information System 1969-1997*, on CD-ROM (May 1999).

## 1.4.2

### COST OF LIVING COMPARISON

*Homeowning family of 4 with an annual income of \$80,000*

Standard City, USA	Austin, TX	Kihei, HI	Seattle, WA	Boston, MA	San Jose, CA
100.0	94.2	108.9	116.2	116.3	115.5

NOTE: The indices reflect the total expenses of housing, transportation, goods and services, and taxes. Standard City, USA represents the national average cost.

SOURCE: Runzheimer International, 1999 cost of living comparison commissioned by the Maui Economic Development Board.

## 1.4.3

### CONSUMER PRICE INDEX (ALL ITEMS COMBINED), BY TYPE OF CONSUMER, FOR HONOLULU: SEMI-ANNUALLY AND ANNUALLY

*1982-1984 average = 100*

Year	URBAN WAGE EARNERS AND ALL URBAN CONSUMERS (CPI-U)			CLERICAL WORKERS (CPI-W)		
	First Half	Second Half	Annual Average	First Half	Second Half	Annual Average
1985	106.3	107.4	106.8	107.4	108.4	107.9
1986	108.9	109.9	109.4	109.9	110.7	110.3
1987	113.3	116.5	114.9	114.3	117.6	115.9
1988	120.1	123.4	121.7	121.1	124.5	122.8
1989	126.4	131.1	128.7	127.4	132.0	129.7
1990	135.5	140.8	138.1	136.3	141.6	138.9
1991	146.8	149.1	148.0	147.7	150.1	148.9
1992	153.9	156.4	155.1	154.6	157.2	155.9
1993	158.6	161.6	160.1	159.4	162.0	160.7
1994	163.4	165.7	164.5	163.5	165.8	164.7
1995	166.9	169.4	168.1	167.2	169.7	168.4
1996	170.5	171.0	170.7	170.8	171.2	171.0
1997	172.1	171.8	171.9	172.4	172.0	172.2
1998	172.0	171.0	171.5	172.3	171.0	171.6
1999	172.7	173.8	173.3	173.0	173.9	173.4

NOTE: See section introduction (General Statistics) for CPI-U definition.

SOURCE: U.S. Bureau of Labor Statistics, *CPI Detailed Report* (monthly), BLS tapes tabulated by Hawaii State Data Center, and BLS World Wide Web site (<http://www.bls.gov/>).

## 1.4.4

**CONSUMER PRICE INDEX FOR ALL URBAN  
CONSUMERS (CPI-U), BY EXPENDITURE CATEGORY,  
COMMODITY AND SERVICE GROUP, FOR  
HONOLULU: ANNUAL AVERAGES**

*1982–1984 average = 100 unless otherwise noted*

Group	1995	1996	1997	1998	1999
<b>ALL ITEMS</b>	<b>168.1</b>	<b>170.7</b>	<b>171.9</b>	<b>171.5</b>	<b>173.3</b>
<b>Food and beverages</b>	<b>156.8</b>	<b>156.6</b>	<b>159.2</b>	<b>159.1</b>	<b>162.9</b>
Food	157.0	156.6	159.5	159.1	163.0
Food at home	162.1	159.5	164.2	162.6	166.2
Food away from home	149.2	150.8	152.6	153.3	158.3
Alcoholic beverages	152.3	156.2	155.2	158.8	161.9
<b>Housing</b>	<b>174.7</b>	<b>176.8</b>	<b>177.1</b>	<b>176.0</b>	<b>175.8</b>
Shelter	191.7	193.5	192.4	192.3	191.7
Rent of primary residence	187.0	187.3	185.7	183.5	181.7
Owners' equivalent rent <sup>1</sup>	198.9	200.4	199.0	198.3	197.0
Fuels and utilities	128.4	133.8	137.1	131.0	133.4
Fuels	111.6	115.9	119.8	112.2	114.3
Gas (piped) and electricity	110.8	115.2	119.1	111.8	113.7
Electricity	111.1	114.5	118.6	111.4	113.4
Utility (piped) gas	98.9	114.7	116.1	107.5	109.2
Household furnishings and operation	146.0	146.4	150.0	145.8	146.4
<b>Apparel</b>	<b>117.5</b>	<b>118.5</b>	<b>117.3</b>	<b>112.2</b>	<b>105.4</b>
<b>Transportation</b>	<b>162.4</b>	<b>167.0</b>	<b>166.2</b>	<b>162.5</b>	<b>162.2</b>
Private transportation	162.8	168.2	167.2	161.7	160.4
Motor fuel	125.5	131.9	132.0	129.3	119.9
Gasoline, all types	128.4	134.9	135.1	132.4	122.6
Gasoline, unleaded regular	133.8	141.4	141.9	138.8	128.8
Gasoline, unleaded midgrade <sup>2</sup>	100.9	105.9	105.3	103.6	95.5
Gasoline, unleaded premium	118.3	123.8	123.8	121.9	112.4
<b>Medical care</b>	<b>209.8</b>	<b>215.0</b>	<b>217.3</b>	<b>226.1</b>	<b>231.3</b>
<b>Recreation<sup>3</sup></b>	<b>No Data</b>	<b>No Data</b>	<b>No Data</b>	<b>100.8</b>	<b>101.9</b>
<b>Education and communication<sup>3</sup></b>	<b>No Data</b>	<b>No Data</b>	<b>No Data</b>	<b>99.1</b>	<b>104.5</b>
<b>Other goods and services</b>	<b>216.8</b>	<b>226.5</b>	<b>239.0</b>	<b>256.1</b>	<b>275.6</b>

## 1.4.4

CONTINUED

Group	1995	1996	1997	1998	1999
<b>Special aggregate indexes</b>					
All items less shelter	158.9	161.8	164.0	163.4	183.0
All items less medical care	165.8	168.3	169.4	168.6	166.2
All items less energy	173.1	175.5	176.7	176.6	170.2
All items less food and energy	177.5	180.5	181.4	181.3	178.7
Commodities	145.1	146.3	148.3	147.5	148.2
Commodities less food	136.6	138.9	140.3	139.1	137.7
Commodities less food and beverages	135.8	138.1	139.6	138.2	136.6
Durables	130.0	131.8	134.2	131.0	129.7
Nondurables	149.1	150.1	152.0	151.9	153.3
Nondurables less food	140.3	143.0	143.9	143.9	142.4
Nondurables less food and beverages	139.6	142.2	143.2	142.9	141.0
Energy	119.0	124.4	126.3	121.0	117.9
Services	188.3	192.1	192.8	192.6	195.3
Services less rent of shelter <sup>1</sup>	186.8	192.9	195.4	195.3	202.0
Services less medical care	186.0	189.7	190.3	189.7	192.2

NOTE: See Section 1: General Statistics for CPI-U definition. The level of CPI item detail has changed due to revisions in the Consumer Price Index done by the Bureau of Labor Statistics in 1998.

<sup>1</sup> December 1982 = 100.

<sup>2</sup> December 1993 = 100.

<sup>3</sup> December 1997 = 100.

SOURCE: U.S. Bureau of Labor Statistics, *CPI Detailed Report* (monthly), and BLS World Wide Web site (<http://www.bls.gov/>).

1.4.5

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

*Dollar estimates for Federal Employees' expenditures*

	Income Levels	Consumption Goods & Services	Housing Costs		Transportation (new car)	Miscellaneous	Estimated Total Expenditures for	
			Owners	Renters			Renters	Owners
Washington, DC consumer expenditures	Lower	8,675	5,805	5,805	4,175	3,644	22,299	22,299
	Middle	12,981	8,388	8,388	6,304	6,327	34,000	34,000
	Upper	19,323	12,066	12,066	9,466	10,650	51,505	51,505
Maui County, HI	Lower	10,553	9,226	6,725	5,374	4,006	26,658	29,159
	Middle	15,643	12,533	8,722	8,169	6,865	39,399	43,210
	Upper	23,076	14,401	9,646	12,339	11,438	56,499	61,254
Honolulu, HI	Lower	10,123	11,126	8,261	5,545	4,013	27,942	30,807
	Middle	15,049	15,078	9,550	8,404	6,897	39,900	45,428
	Upper	22,264	21,553	13,770	12,664	11,519	60,217	68,000
Hawaii County, HI	Lower	10,083	6,864	5,440	5,595	3,846	24,964	26,388
	Middle	14,979	9,315	6,272	8,500	6,621	36,372	39,415
	Upper	22,148	10,823	7,450	12,838	11,072	53,508	56,881
Kauai County, HI	Lower	10,402	8,611	5,992	5,450	3,786	25,630	28,249
	Middle	15,427	11,519	7,766	8,282	6,581	38,056	41,809
	Upper	22,774	13,123	8,472	12,512	11,081	54,839	59,490

**Warning:** These estimates are very rough. They are based on aggregate ratios of the costs of selected consumer goods and services in Hawaii to the same items in Washington DC, then multiplied by the proportion of total consumer spending by income level in each category as determined from the Consumer Expenditure Survey. The ratios are based on after-tax spending patterns, but the amounts in this table are calculated by applying these ratios to total income (*not* after-tax income). Actual expenditures will be lower because income taxes and social security/medicare contributions were not deducted from income before the ratios were applied.

NOTE: Base income levels are: Lower = \$22,300/yr, middle = \$34,000/yr, and upper = \$51,500/yr. The proportion of spending in each category to the total is deemed constant between locations. Proportions are based on the U.S. Department of Commerce, Bureau of Labor Statistics, Consumer Expenditure Survey, and vary according to income level.

CONSUMPTION GOODS AND SERVICES: Consists of food at home and away from home, tobacco, alcohol, furnishings and household operations, clothing, domestic service, professional services, personal care and recreation. HOUSING COSTS: Includes taxes, maintenance, and utilities as well as mortgage or rent. TRANSPORTATION: Costs of buying and maintaining vehicles, including insurance, plus air travel and public transportation. MISCELLANEOUS: Medical care, private education, contributions, personal insurance and retirement.

SOURCE: U.S. Office of Personnel Management, "Report on 1997 Surveys Used to Determine Cost-of-Living Allowances in Nonforeign Areas," Appendix 21, *Federal Register* vol. 63, no. 203, October 21, 1998, pp. 56505-56506.

1.5.1

**CAPACITIES OF HOSPITALS, CARE HOMES AND AGENCIES, MAUI COUNTY**

*Data are for facilities recognized by the Hawaii State Health Planning and Development Agency, and the Hospital and Medical Facilities Branch*

	HOSPITALS, DECEMBER 31, 1996				CARE HOMES 1998		HOME HEALTH CARE AGENCIES 1996
	Total <sup>1</sup>	Acute Care	Long-term Care	Specialty Care	Type I <sup>2</sup>	Type II <sup>3</sup>	Total <sup>4</sup>
<b>Facilities</b>							<b>Agencies</b>
State Total	74	23	47	26	499	12	69
Maui	5	2	2	3	11	0	
Molokai	2	1	1	1	5	1	
Lanai	1	1	1	0	0	0	
County Total	8	4	4	4	16	1	13
<b>Beds</b>							<b>Patients Served<sup>5</sup></b>
State Total	7,712	2,651	3,830	1,231	2,274	393	31,727
Maui	689	182	463	44	53	0	
Molokai	44	8	22	14	24	12	
Lanai	14	4	10	0	0	0	
County Total	747	194	495	58	77	12	4,777

<sup>1</sup> Facilities providing more than one kind of care are counted only once.

<sup>2</sup> Five beds or fewer.

<sup>3</sup> More than five beds.

<sup>4</sup> Data only available by county. Home health care agencies are classified into the following categories: Medicare certified, private duty, home medical equipment, infusion pharmacy, other home care provider, and hospice.

<sup>5</sup> A given patient may be counted more than once, since s/he may be served by more than one home health care agency.

SOURCE: Hawaii State Department of Health, State Health Planning and Development Agency, *Inpatient Facilities Utilization Report, 1996*, and Hawaii State Department of Health, Hospital and Medical Facilities Branch, records.

## 1.5.2

## HEALTH PRACTITIONERS LICENSED IN HAWAII BY PLACE OF ADDRESS

	Acupuncturist	Chiropractor	Dental Hygenist	Dentist	Massage Therapist
Maui	50	50	52	70	667
Molokai	0	1	3	3	5
Lanai	0	0	2	0	11
Oahu	190	150	344	769	1,549
Hawaii	52	31	46	95	566
Kauai	15	15	13	39	246
<b>Subtotal Hawaii</b>	<b>307</b>	<b>247</b>	<b>460</b>	<b>976</b>	<b>3,044</b>
Mainland	76	178	188	304	438
Foreign/Other	5	9	4	13	28
<b>Total</b>	<b>388</b>	<b>434</b>	<b>652</b>	<b>1,293</b>	<b>3,510</b>

	Certified Physician's Assistant	Emergency Medical Tech. Basic	Emergency Medical Tech. Paramedic	Physician or Surgeon <sup>1</sup>	Osteopathic Physician and Surgeon
Maui	8	26	35	229	12
Molokai	0	2	5	6	0
Lanai	0	0	0	2	0
Oahu	35	109	179	2,359	76
Hawaii	9	129	68	273	13
Kauai	5	20	15	110	6
<b>Subtotal Hawaii</b>	<b>57</b>	<b>286</b>	<b>302</b>	<b>2,979</b>	<b>107</b>
Mainland	1	0	5	2,141	270
Foreign/Other	0	1	0	44	1
<b>Total</b>	<b>58</b>	<b>287</b>	<b>307</b>	<b>5,164</b>	<b>378</b>

	Licensed Practical Nurse	Registered Nurse	Advanced Practice Registered Nurse	Occupational Therapist	Physical Therapist
Maui	259	841	11	17	49
Molokai	12	34	2	1	1
Lanai	0	11	1	0	0
Oahu	1,560	6,996	181	183	331
Hawaii	349	979	27	32	66
Kauai	200	405	16	12	28
<b>Subtotal Hawaii</b>	<b>2,380</b>	<b>9,266</b>	<b>238</b>	<b>245</b>	<b>475</b>
Mainland	197	1,931	39	15	220
Foreign/Other	13	140	2	1	12
<b>Total</b>	<b>2,590</b>	<b>11,337</b>	<b>279</b>	<b>261</b>	<b>707</b>

	Naturopath	Optometrist	Pharmacist	Podiatrist	Psychologist
Maui	14	17	63	5	29
Molokai	0	0	2	0	0
Lanai	0	0	0	0	0
Oahu	17	161	609	19	294
Hawaii	13	16	77	3	43
Kauai	4	9	39	2	12
<b>Subtotal Hawaii</b>	<b>48</b>	<b>203</b>	<b>790</b>	<b>29</b>	<b>378</b>
Mainland	12	84	550	24	98
Foreign/Other	0	5	7	2	0
<b>Total</b>	<b>60</b>	<b>292</b>	<b>1,347</b>	<b>55</b>	<b>476</b>

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

SOURCE: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Licensing Branch, records, 3/6/2000.