

## 2006 American Community Survey for Hawaii

The U.S. Census Bureau released the results of its American Community Survey (ACS) for 2006 on September 12, 2007.

New this year is the inclusion of group quarter population so that the population characteristics are for the total population rather than household population only. Previous ACS results were for household population only. The ACS survey started in 1996 and Hawaii was included since 2000. Between 2000 and 2004, Hawaii data were available only for the City and County of Honolulu. Starting in 2005, Hawaii County and Maui County (excluding Kalawao County) are included. Census Bureau releases data for areas with population size of 65,000 and above due to sample size issues. With an estimated population of 63,004 in 2006, Kauai County is not included in the results of the ACS survey.

Census Bureau treats Kalawao as a separate county in Hawaii. Kalawao had 120 people in 2006, and therefore, data for Kalawao are also not available.

### **Hawaii's ranking in the nation:**

Looking at the population characteristics and compared with other states in the nation, Hawaii continues to have the following trends:

**Older population:** Hawaii's population has a median age of 37.2 years, higher than the 36.4 years for the nation and ranked the 17<sup>th</sup> aged state in the nation. In terms of percentage of households with at least one person 65 years or above, Hawaii ranked the 2<sup>nd</sup> in the nation at 28.2 percent. 13.9 percent of Hawaii's population were 65 years or above in 2006, ranked the 8<sup>th</sup> place among all the states. 2 percent of Hawaii's population were 85 years or over in 2006, ranked the 6<sup>th</sup> place in the nation.

**More Asians:** Hawaii ranked #1 in terms of percentage of Asian population. 39.9 percent of Hawaii's population was pure Asians in 2006 versus 4.4 percent for the nation as a whole.

**More Native Hawaiians and Other Pacific Islanders:** Hawaii also had the largest percentage of pure Native Hawaiians and Other Pacific Islanders in the nation. 8.7 percent for Hawaii versus 0.1 percent for the nation in 2006.

**More mixed population:** Hawaii ranked #1 also in the percentage of mixed population at 21.5 percent compared with 2.0 percent for the nation.

**Higher household size:** The average household size of 2.88 persons made Hawaii the 3<sup>rd</sup> place in the nation.

**Higher household income:** Median household income in Hawaii was \$61,160, higher than the U.S. median household income of \$48,451. Hawaii ranked the 4<sup>th</sup> place among

all the states in the nation. This is due to the fact that Hawaii has large household size and more multiple job holders.

**Higher cost of living:** Hawaii's median rent of \$1,116 in 2006 ranked Hawaii the #1 highest in the nation. The U.S. median rent was \$763 per month. Hawaii homeowner's monthly housing cost of \$1,959 in 2006 was the 3<sup>rd</sup> highest in the nation.

**Higher value of real property:** Hawaii's median housing value was \$529,700 in 2006, ranked the 2<sup>nd</sup> highest in the nation, just next to California at \$535,700. The national median housing value in 2006 was \$185,200.

**Lower home ownership:** Hawaii's home ownership of 59.5 percent in 2006 was among the bottom 4 states and district in the nation. Washing D.C. had the lowest home ownership at 45.8 percent. New York State was the 2<sup>nd</sup> lowest at 55.6 percent; California was the 3<sup>rd</sup> lowest at 58.4 percent.

**Higher use of public transportation or car pool:** Hawaii ranked #1 in percentage of workers using car, truck and van-carpoled to go to work. Hawaii ranked #7 in the nation for percentage of workers travel to work by public transportation.

**More people work in the service sector:** Hawaii ranked #2 in the nation in percentage of workers working in the service occupations at 21.2 percent. Nevada ranked #1 at 24.4 percent.

**Table 1. Selected Population Characteristics for Hawaii State and Ranking in the Nation: 2006**

<b>Category</b>	<b>Value</b>	<b>Hawaii Rank</b>
Median age	37.2	12
% of people 5 years old and above who speak English less than "Very Well"	10.6	9
% of people 5 years old and above who speak a language other than English at home	23.5	9
% of people who are foreign born	16.3	6
Of the foreign born, % born in Asia	80.4	1
% of population who are 65 years and over	13.9	8
% of population who are 85 years and over	2.0	6
% of population who are Asian alone	39.9	1
% of population who are Native Hawaiian and Other Pacific Islander Alone	8.7	1
% of population who are two or more races (mixed)	21.5	1
Average household size	2.88 persons/household	3
% of households with at least one person 65 years or above	28.2	2
Mean travel time to work for workers 16 year+	25.5 minutes	12
% of workers 16 year+ travel to work by car, truck, or van-carpooled	16	1
% of workers 16 year+ travel to work by public transportation	5.4	7
% of workers 16 year+ worked outside of county of residence	1.3	51
% of grandparents responsible for grandchildren	25.2	51
Median household income	\$61,160	4
Median family income	\$70,277	6
% of households with retirement income	22.2	3
% of households with cash public assistance income	3.5	5
% of civilian employees 16 year+ in service occupation	21.2	2
Median house value	\$529,700	2
Median Monthly Housing Costs for Owner-Occupied Housing Units With a Mortgage	\$1,959	3
Median Monthly Housing Costs for Renter-Occupied Housing Units	\$1,116	1
% of Occupied Housing Units that are Owner-Occupied	59.5	48

Source: U.S. Census Bureau, 2006 American Community Survey

In 2006, the total population for the State of Hawaii was 1,285,498, with 1,247,951 people residing in households and 37,547 people living in group quarters.

There were a total of 432,632 households in the state in 2006. Of these, 301,102 (69.6%) were family households (people live in a household are related by married, by birth, or by adoption).

89.0% of the population 25 years and over finished at least high school education. 29.7% of this group had a bachelor's degree or higher.

In 2006, 16.3% of Hawaii's total population was foreign born. 7.0% of Hawaii's total population in 2006 was not a U.S. citizen.

### **State and County Demographic Characteristics:**

- Male and female composition was about 50:50 both at the state and the county level.
- Honolulu County had more people with age 65 and above at 14.4 percent than other counties. Maui County had the least share of old age population at 11.6 percent.
- Hawaii County and Maui County had more White population than Honolulu County, while Honolulu County had more Asians than the other two counties.

### **State and County Social Characteristics:**

- Maui County had the largest household size at 2.94 persons per household, while Hawaii County had the least number of people per household at 2.66 persons. In terms of family size, Maui County also ranked the top with 3.54 persons per family. Family size in Hawaii County is the smallest at 3.1 persons per family.
- Hawaii County had more percentage of high school graduates than other counties for people 25 years of age or above. Honolulu County had more college graduates than other two counties.
- 15.8 percent of the people in the state moved their residence between 2005 and 2006. 16 percent of the people in Honolulu County changed their residence and topped the list. Maui County ranked the 2nd at 15.4 percent. 14.7 percent of the people on the Big Island moved between 2005 and 2006.
- 14,416 people moved from foreign countries to Honolulu between 2005 and 2006. Maui County received 1,183 people from abroad, and Hawaii County added 904 residents from foreign countries.

### **State and County Economic Characteristics:**

- Labor force participation rate (% of people 16 years and above who are in labor force) on Maui is higher than other two counties at 68.7 percent. Honolulu County had 65.1 percent labor force participation rate in 2006. While statewide labor force participation was 66.0 percent.

- Unemployment rate was the lowest on Maui at 2.8 percent in 2006. Both Honolulu and Hawaii County had 4.7 percent unemployment rate.
- Honolulu workers spend the longest for traveling to work at a mean of 26.6 minutes; Maui workers spend 20.9 minutes traveling to work on average.
- In terms of percentage of workers, Honolulu and Hawaii counties had more workers with sales and office occupations, while Maui County had more workers with service occupations.
- In terms of percentage of workers, Hawaii County had more construction and maintenance workers at 13.8 percent than other counties.
- 22.2 percent of the workers on Oahu were government workers in 2006, and ranked the highest. Hawaii County had the highest percentage of self-employed workers at 12.0 percent.
- Per capita income was the highest on Oahu at \$27,478 in 2006. Maui County's per capita income is just slightly lower than that of Honolulu at \$27,411. Hawaii County had a per capita income of \$26,356 in 2006.
- Due to the lower per capita income, Hawaii County had the highest percentage of families and people under poverty. 11.5 percent of the families and 14.1 percent of the people on the Big Island were under the poverty level in 2006; these rates were well above the state average at 7.1 percent and 9.3 percent, respectively.

#### **State and County Housing Characteristics:**

- Hawaii County had the highest home ownership at 65.0 percent in 2006, followed by Maui County at 59.5 percent. Honolulu had a home ownership of 58.1 percent.
- Median housing value for owner occupied units was the highest on Maui at \$625,600 in 2006, followed by Oahu at \$535,300. The Big Island had the lowest housing value at \$392,200 per unit in 2006.
- Median housing cost for both owners and renters were the highest on Maui at \$2,089 and \$1,216 per month, respectively. Big Island had the lowest cost for both homeowners and renters at \$1,489 per month for home owners and \$940 per month for renter.

**Table 2a. Selected State and County Demographic Characteristics: 2006**

Category	State	Hawaii County	Honolulu County	Maui County*
<b>Total population</b>	1,285,498	171,191	909,863	141,300
<b>SEX AND AGE</b>				
Male	643,073	86,086	455,051	70,893
Female	642,425	85,105	454,812	70,407
Median age (years)	37.2	38.3	36.9	37.4
65 years and over	179,012	22,916	130,938	16,369
<b>RACE</b>				
One race	1,008,718	131,663	714,257	110,544
White	337,507	61,228	201,795	52,894
Black or African American	28,062	1,415	25,103	664
Asian	512,995	47,762	402,365	40,061
Asian Indian	1,722	116	1,000	528
Chinese	56,288	1,172	53,693	694
Filipino	182,767	17,714	128,827	22,246
Japanese	194,208	23,554	151,817	12,038
Korean	20,823	710	19,158	834
Vietnamese	9,564	692	8,703	169
Other Asian	47,623	3,804	39,167	3,552
Native Hawaiian and Other Pacific Islander	111,488	18,055	72,053	14,796
Native Hawaiian	79,515	16,576	44,597	N
Guamanian or Chamorro	2,599	238	2,361	N
Samoan	9,233	14	8,799	N
Other Pacific Islander	20,141	1,227	16,296	N
Some other race	14,513	2,589	9,972	1,806
Two or more races	276,780	39,528	195,606	30,756
<b>Race alone or in combination with one or more other races</b>				
White	528,836	87,566	338,225	73,853
Black or African American	42,297	2,528	37,876	934
American Indian and Alaska Native	30,080	4,814	20,915	3,342
Asian	725,436	76,896	551,828	64,883
Native Hawaiian and Other Pacific Islander	301,783	46,028	206,699	36,488
Some other race	29,129	5,161	21,102	2,566

Maui County excludes Kalawao.

Source: U.S. Census Bureau, 2006 American Community Survey

**Table 2b. Selected State and County Demographic Characteristics: 2006**  
 (% share of State or County Totals)

Category	State	Hawaii County	Honolulu County	Maui County*
<b>Total population</b>	1,285,498	171,191	909,863	141,300
<b>SEX AND AGE</b>				
Male	50.0	50.3	50.0	50.2
Female	50.0	49.7	50.0	49.8
65 years and over	13.9	13.4	14.4	11.6
<b>RACE</b>				
One race	78.5	76.9	78.5	78.2
White	26.3	35.8	22.2	37.4
Black or African American	2.2	0.8	2.8	0.5
Asian	39.9	27.9	44.2	28.4
Asian Indian	0.1	0.1	0.1	0.4
Chinese	4.4	0.7	5.9	0.5
Filipino	14.2	10.3	14.2	15.7
Japanese	15.1	13.8	16.7	8.5
Korean	1.6	0.4	2.1	0.6
Vietnamese	0.7	0.4	1.0	0.1
Other Asian	3.7	2.2	4.3	2.5
Native Hawaiian and Other Pacific Islander	8.7	10.5	7.9	10.5
Native Hawaiian	6.2	9.7	4.9	NA
Guamanian or Chamorro	0.2	0.1	0.3	NA
Samoan	0.7	0.0	1.0	NA
Other Pacific Islander	1.6	0.7	1.8	NA
Some other race	1.1	1.5	1.1	1.3
Two or more races	21.5	23.1	21.5	21.8
<b>Race alone or in combination with one or more other races</b>				
White	41.1	51.2	37.2	52.3
Black or African American	3.3	1.5	4.2	0.7
American Indian and Alaska Native	2.3	2.8	2.3	2.4
Asian	56.4	44.9	60.6	45.9
Native Hawaiian and Other Pacific Islander	23.5	26.9	22.7	25.8
Some other race	2.3	3.0	2.3	1.8

\*Exclude Kalawao.

Source: U.S. Census Bureau, 2006 American Community Survey, calculation by the State Department of Business, Economic Development & Tourism.

An 'N' entry in the estimate column indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.

**Table 3. Selected State and County Social Characteristics: 2006**

<b>Category</b>	<b>State</b>	<b>Hawaii County</b>	<b>Honolulu County</b>	<b>Maui County*</b>
<b>HOUSEHOLDS BY TYPE</b>				
Total households	432,632	63,178	299,217	47,540
Family households (families)	301,102	43,595	209,890	31,611
Average household size	2.88	2.66	2.93	2.94
Average family size	3.45	3.1	3.52	3.54
<b>RELATIONSHIP</b>				
Household population	1,247,951	168,137	877,485	139,798
<b>EDUCATIONAL ATTAINMENT</b>				
Population 25 years and over	863,019	115,392	608,075	96,354
Percent high school graduate or higher	89.0	89.6	89.0	87.9
Percent bachelor's degree or higher	29.7	27.0	31.1	26.0
<b>RESIDENCE 1 YEAR AGO</b>				
Population 1 year and over	1,268,771	169,205	898,074	138,983
Same house	1,068,029	144,414	754,323	117,646
Different house in the U.S.	183,709	23,887	129,335	20,154
Same county	117,829	13,534	82,078	15,018
Different county	65,880	10,353	47,257	5,136
Same state	5,055	1,286	2,118	430
Different state	60,825	9,067	45,139	4,706
Abroad	17,033	904	14,416	1,183

**Table 4a. Selected State and County Economic Characteristics: 2006**

<b>Category</b>	<b>State</b>	<b>Hawaii County</b>	<b>Honolulu County</b>	<b>Maui County*</b>
<b>EMPLOYMENT STATUS</b>				
Population 16 years and over	1,023,610	136,798	725,020	111,756
In labor force	675,895	91,433	472,099	76,726
Civilian labor force	638,345	91,433	434,605	76,670
Employed	610,394	87,092	414,034	74,528
Unemployed	27,951	4,341	20,571	2,142
Armed Forces	37,550	0	37,494	56
Not in labor force	347,715	45,365	252,921	35,030
Unemployment rate	4.4	4.7	4.7	2.8
<b>COMMUTING TO WORK</b>				
Mean travel time to work (minutes)	25.5	25.5	26.6	20.9
<b>Civilian employed population 16 years and over</b>				
	610,394	87,092	414,034	74,528
<b>OCCUPATION</b>				
Management, professional, and related occupations	201,797	23,908	145,887	21,678
Service occupations	129,638	19,711	81,511	19,962
Sales and office occupations	163,846	22,479	114,354	17,721
Farming, fishing, and forestry occupations	6,243	2,615	2,646	671
Construction, extraction, maintenance and repair occupations	62,851	12,028	39,337	7,655
Production, transportation, and material moving occupations	46,019	6,351	30,299	6,841
<b>CLASS OF WORKER</b>				
Private wage and salary workers	439,689	61,850	295,667	55,867
Government workers	122,726	14,454	92,010	11,362
Self-employed workers in own not incorporated business	47,044	10,471	25,921	7,117
Unpaid family workers	935	317	436	182
<b>INCOME AND BENEFITS (IN 2006 INFLATION-ADJUSTED DOLLARS)</b>				
Median household income (dollars)	61,160	55,390	63,372	58,771
Median family income (dollars)	70,277	61,211	73,457	70,069
Per capita income (dollars)	27,251	26,356	27,478	27,411
<b>% OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL</b>				
All families	7.1	11.5	6.3	7.1
All people	9.3	14.1	8.4	9.7

**Table 4b. Selected State and County Economic Characteristics: 2006**  
**(% State or County Totals)**

<b>Category</b>	<b>State</b>	<b>Hawaii County</b>	<b>Honolulu County</b>	<b>Maui County*</b>
Population 16 years and over	1,023,610	136,798	725,020	111,756
Labor force participation rate (%)	66.0	66.8	65.1	68.7
<b>% OF WORKERS BY OCCUPATION</b>				
Management, professional, and related occupations	33.1	27.5	35.2	29.1
Service occupations	21.2	22.6	19.7	26.8
Sales and office occupations	26.8	25.8	27.6	23.8
Farming, fishing, and forestry occupations	1.0	3.0	0.6	0.9
Construction, extraction, maintenance and repair occupations	10.3	13.8	9.5	10.3
Production, transportation, and material moving occupations	7.5	7.3	7.3	9.2
<b>% OF WORKERS BY CLASS</b>				
Private wage and salary workers	72.0	71.0	71.4	75.0
Government workers	20.1	16.6	22.2	15.2
Self-employed workers in own not incorporated business	7.7	12.0	6.3	9.5
Unpaid family workers	0.2	0.4	0.1	0.2

**Table 5. Selected State and County Housing Characteristics: 2006**

<b>Category</b>	<b>State</b>	<b>Hawaii County</b>	<b>Honolulu County</b>	<b>Maui County*</b>
<b>HOUSING OCCUPANCY</b>				
Total housing units	500,021	75,185	332,718	63,610
Occupied housing units	432,632	63,178	299,217	47,540
Vacant housing units	67,389	12,007	33,501	16,070
Homeowner vacancy rate	1.1	1.0	0.9	1.6
Rental vacancy rate	6.1	6.7	4.7	14.0
<b>Occupied housing units</b>	<b>432,632</b>	<b>63,178</b>	<b>29,9217</b>	<b>47,540</b>
<b>HOUSING TENURE</b>				
Owner-occupied	257,599	41,043	173,806	28,300
Renter-occupied	175,033	22,135	125,411	19,240
<b>Owner-occupied units</b>	<b>257,599</b>	<b>41,043</b>	<b>173,806</b>	<b>28,300</b>
Median (dollars)	529,700	392,200	535,300	625,600
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>				
Housing units with a mortgage	176,714	26,341	121,844	19,627
Median (dollars)	1,959	1,489	2,047	2,089
Housing units without a mortgage	80,885	14,702	51,962	8,673
Median (dollars)	388	283	415	365
<b>Renter-occupied units</b>	<b>175,033</b>	<b>22,135</b>	<b>125,411</b>	<b>19,240</b>
Median (dollars)	1,116	940	1,127	1,216

Source: Hawaii State Department of Business, Economic Development & Tourism, Research and Economic Analysis Division.