

# American Community Survey Data for Hawaii: 2006-2008 3-Year Estimates

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The U.S. Census Bureau released the 2006-2008 3-year estimate data from its American Community Survey on October 27, 2009. New in this release included areas with populations of 20,000 and above. Data for Kauai County and selected Census Designated Places (CDP) became available. Previous 1-year data released earlier this year included only areas with population of 65,000 and above.

To increase the accuracy of the data, the Census Bureau combined three years of data (2006 through 2008) and produced 3-year estimates. Therefore, the data released at this time did not represent any single year. Instead, they were estimates that describe the average characteristics of an area over the entire 3-year time period. Data available included demographic, social, economic, and housing characteristics of these areas.

Due to the larger sample size (three years data), the 3-year estimates are more accurate than a single-year estimates when looking at the percentage shares and the dollar values. Geographic level data are less meaningful.

The following is a brief summary of the State and County level data from this release:

- The State of Hawaii had more males than females during the 2006-2008 period, whereas nationwide there are more females than males during this time period.
- The State of Hawaii had a more aged population than the nation as a whole. People 65 years and over accounted for 14.4% of the total resident population in Hawaii, 1.8 percentage points higher than the U.S. average. Among the counties in Hawaii, Honolulu had the highest percentage of aged population at 14.9% and Maui County had the lowest percentage at 11.9%.
- The State of Hawaii had 55.3% of Asians, pure or mixed, while the U.S. as a whole had 4.9%. Among the counties, Honolulu County had the highest percentage of Asians at 59.7%, while Hawaii County had the lowest percentage at 43.1%.
- Native Hawaiians and Other Pacific Islanders, pure and mixed, accounted for 23.2% of Hawaii's total population while the U.S. as a whole had only 0.3%.
- Compared with the nation, Hawaii had a higher percentage of the foreign born population and a lower percentage of people who spoke only English at home.
- In regard to educational level among people 25 years and over, the percentage of people in Hawaii with at least a high school degree was 89.5%, 5 percentage points higher than the 84.5% for the U.S..
- Hawaii's average household size of 2.85 persons was higher than the U.S. average of 2.61 persons. Among the counties in Hawaii, Honolulu County had the largest average household size at 2.89 persons per household, while Hawaii County had the least persons per household at 2.67 persons.

- Hawaii's families were similarly larger than the U.S. average, 3.41 persons for Hawaii versus 3.20 persons for the U.S.
- During the past three years, Hawaii's economy was doing better than the U.S. This was reflected in the lower unemployment rate. The average unemployment rate during the 2006-2008 period was 4.3% for Hawaii and 6.4% for the U.S. Hawaii County had a higher unemployment rate (5.1%) when compared with all the other counties.
- Hawaii's median household income during the past three years was \$66,034, higher than the U.S. median household income of \$52,175. Among the counties, Honolulu County has the highest median household income at \$68,655, followed by Maui County at \$64,324, Kauai County at \$62,359, and Hawaii County at \$58,501.
- Hawaii's median family income was also higher than the U.S. – \$76,467 for Hawaii versus \$63,211 for the U.S.. Honolulu County also led the other counties with a median family income of \$80,171, followed by Maui County at \$74,840.
- In regard to per capita income, Hawaii's per capita income of \$29,335 was higher than that of the U.S. . Maui County had the highest per capita income at \$29,787 among all the counties in Hawaii.
- Hawaii had a lower poverty rate than the nation during the 2006-2008 period. 6.3% of the families and 8.8% of the total population were below the poverty level compared with 9.6% of families and 13.2% individuals for the nation. Hawaii County had the highest poverty rates in the State among all four counties.
- Hawaii had lower home ownership (58.9%) than the nation (67.1%). Among the counties, Hawaii County had the highest home ownership at 64.8%, while Honolulu County had the lowest rate at 57.5%.
- Median home value statewide was \$548,700, 2.8 times of the U.S. median value. Among counties, Maui had the highest value at \$629,900 while Hawaii County had the lowest median home value at \$381,100. U.S. median home value was only at \$192,400.
- Median rent in Hawaii (\$1,235) was also much higher than the U.S. median rent (\$819). Maui County had the highest median rent at \$1,298 while Hawaii County had the lowest rent at \$1,058.

At the Census Designated Places (CDP) level, there are ten CDPs with populations of 20,000 or above. For definitions and maps of the CDPs, please visit the website at <http://hawaii.gov/dbedt/gis/maps/cdp.pdf>. The following are comparisons among the selected CDPs:

- Among the CDPs, Kailua and Kihei were dominated by the White (pure and mixed) population, while other CDPs had more Asians than White population.
- Kaneohe and Hilo CDPs had relatively higher percentages of the Native Hawaiian and Other Pacific Islanders population at 36.4% and 29.6%, respectively. They were closely followed by Kahului with 26.0%.
- Waipahu CDP had the largest household and family sizes at 4.39 persons per household and 4.50 persons per family.

- Unemployment rate was the highest in Hilo CDP at 7.4% while Kahului CDP had the lowest unemployment rate at 2.5%.
- Among those CDPs, workers in Mililani Town spent the most time travelling to work at 31.6 minutes. Workers in Hilo spent the least amount of time on travel at 19.7 minutes.
- Among the CDPs with 20,000 people or more, Kailua had the highest per capita income at \$38,598 while Waipahu had the lowest per capita income at \$18,947 during the 2006-2008 period.
- Hilo CDP had the highest poverty rate with 17.2% of its individuals under the poverty level. Mililani Town had the lowest poverty rate with 3.7% of its individuals under the poverty level.
- Home ownership was the highest in Mililani Town CDP at 76.6% during the 3-year period. Residents in Kihei CDP had the lowest home ownership at 44.6%.
- Home value was the highest in Kailua CDP during the 2006-08 period with median value at \$797,900 while Hilo CDP had the lowest home value at \$327,200 during the same time period.
- Rent was the highest in Mililani Town CDP at \$1,816 per month. On the other hand, Hilo CDP had the lowest rent at \$890 per month.

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

**Table 1: Summary of Demographic, Social, Economic, and Housing Indicators for the U.S., State of Hawaii and its Counties:  
2006-2008 3-Year Estimates**

|   | U.S.    | State of Hawaii | Honolulu County | Hawaii County | Maui County | Kauai County |
|---|---------|-----------------|-----------------|---------------|-------------|--------------|
| <b>Demographic characteristics</b>                  |         |                 |                 |               |             |              |
| Males per 100 female                                | 97.1    | 101.9           | 101.5           | 101.8         | 104.7       | 101.6        |
| Median age  | 36.7    | 37.7            | 37.6            | 37.8          | 38.0        | 39.4         |
| % 65 years and above                                | 12.6    | 14.4            | 14.9            | 13.6          | 11.9        | 14.7         |
| % of White 1/                                       | 76.2    | 42.3            | 37.5            | 53.5          | 54.9        | 52.2         |
| % of Asians 1/                                      | 4.9     | 55.3            | 59.7            | 43.1          | 44.4        | 50.4         |
| % of Native Hawaiian and Other Pacific Islanders 1/ | 0.3     | 23.2            | 21.7            | 27.6          | 27.0        | 23.3         |
| <b>Social characteristics</b>                       |         |                 |                 |               |             |              |
| % high school graduate or higher                    | 84.5    | 89.5            | 89.7            | 89.9          | 88.3        | 88.6         |
| % moved in from out-of-state                        | 3.2     | 5.9             | 6.3             | 4.9           | 4.9         | 4.3          |
| % foreign born                                      | 12.5    | 17.2            | 18.9            | 11.6          | 14.9        | 12.9         |
| % speak English at home                             | 80.4    | 75.2            | 72.7            | 81.2          | 80.4        | 81.6         |
| Average household size (persons)                    | 2.61    | 2.85            | 2.89            | 2.67          | 2.86        | 2.83         |
| Average family size (persons)                       | 3.20    | 3.41            | 3.46            | 3.11          | 3.47        | 3.31         |
| <b>Economic characteristics</b>                     |         |                 |                 |               |             |              |
| Labor force participation rate (%)                  | 65.2    | 66.5            | 65.8            | 66.4          | 69.9        | 68.9         |
| Unemployment rate (%)                               | 6.4     | 4.3             | 4.2             | 5.1           | 4.3         | 4.1          |
| Mean travel time to work (minutes)                  | 25.3    | 26.0            | 27.1            | 26.9          | 21.2        | 19.2         |
| % in management & professional occup.               | 34.5    | 33.3            | 35.3            | 28.6          | 28.7        | 31.3         |
| % self employed workers                             | 6.6     | 7.9             | 6.4             | 11.4          | 10.5        | 11.0         |
| Median household income (\$)                        | 52,175  | 66,034          | 68,655          | 58,501        | 64,324      | 62,359       |
| Median family income (\$)                           | 63,211  | 76,467          | 80,171          | 66,721        | 74,840      | 70,010       |
| Per capita income (\$)                              | 27,466  | 29,335          | 29,758          | 26,959        | 29,787      | 28,755       |
| % of individuals under poverty                      | 13.2    | 8.8             | 8.2             | 13.4          | 7.9         | 8.0          |
| % of families under poverty                         | 9.6     | 6.3             | 5.7             | 9.3           | 5.5         | 7.0          |
| <b>Housing characteristics</b>                      |         |                 |                 |               |             |              |
| % occupied housing units                            | 88.0    | 86.2            | 90.3            | 81.5          | 75.2        | 75.5         |
| Home ownership (%)                                  | 67.1    | 58.9            | 57.5            | 64.8          | 57.8        | 63.7         |
| % of household without vehicles                     | 8.8     | 8.7             | 10.3            | 5.2           | 5.4         | 4.1          |
| Median home value (\$)                              | 192,400 | 548,700         | 562,000         | 381,100       | 629,900     | 615,800      |
| Median rent (\$)                                    | 819     | 1,235           | 1,262           | 1,058         | 1,298       | 1,245        |

1/ Race alone or in combination with one or more other races.

Source: The U.S. Census Bureau, American Community Survey, 2006-2008 3-Year Estimates.

Table 2: Summary of Demographic, Social, Economic, and Housing Indicators for Selected CDPs: 2006 - 2008 3-Year Estimates

|   | Honolulu | Kailua  | Kaneohe | Mililani Town | Pearl City | Waimalu | Waipahu | Hilo    | Kahului | Kihei   |
|---|----------|---------|---------|---------------|------------|---------|---------|---------|---------|---------|
| <b>Demographic characteristics</b>                  |          |         |         |               |            |         |         |         |         |         |
| Males per 100 female                                | 98.2     | 101.6   | 88.9    | 106.1         | 110.2      | 99.1    | 93.9    | 95.9    | 95.5    | 114.1   |
| Median age  | 42.9     | 41.7    | 42.4    | 36.2          | 41.6       | 40.6    | 35.7    | 37.8    | 37.6    | 36.8    |
| % 65 years and above                                | 19.7     | 14.6    | 17.8    | 10.9          | 22.2       | 12.2    | 15.0    | 17.2    | 16.2    | 8.7     |
| % of White 1/                                       | 31.9     | 68.8    | 44.2    | 36.4          | 28.6       | 29.2    | 13.8    | 45.7    | 22.4    | 69.9    |
| % of Asians 1/                                      | 66.5     | 36.6    | 55.2    | 63.0          | 69.2       | 67.8    | 76.0    | 55.8    | 76.5    | 31.8    |
| % of Native Hawaiian and Other Pacific Islanders 1/ | 15.1     | 18.3    | 36.4    | 21.5          | 12.7       | 15.2    | 21.7    | 29.6    | 26.0    | 15.2    |
| <b>Social characteristics</b>                       |          |         |         |               |            |         |         |         |         |         |
| % high school graduate or higher                    | 88.4     | 94.9    | 91.7    | 95.0          | 91.0       | 93.0    | 77.7    | 88.0    | 82.1    | 89.6    |
| % moved in from out-of-state                        | 5.1      | 4.9     | 4.7     | 5.2           | 6.2        | 5.6     | 3.6     | 4.9     | 1.1     | 8.1     |
| % foreign born                                      | 25.7     | 8.0     | 6.5     | 10.4          | 13.9       | 16.5    | 37.3    | 7.9     | 28.6    | 18.4    |
| % speak English at home                             | 65.3     | N       | N       | N             | N          | N       | N       | N       | N       | N       |
| Average household size (persons)                    | 2.48     | 3.08    | 2.88    | 3.12          | 3.10       | 2.74    | 4.39    | 2.56    | 3.37    | 2.55    |
| Average family size (persons)                       | 3.20     | 3.50    | 3.28    | 3.40          | 3.45       | 3.25    | 4.50    | 3.02    | 3.99    | 3.31    |
| <b>Economic characteristics</b>                     |          |         |         |               |            |         |         |         |         |         |
| Labor force participation rate (%)                  | 62.3     | 66.7    | 66.4    | 70.2          | 59.8       | 73.9    | 61.1    | 61.6    | 62.1    | N       |
| Unemployment rate (%)                               | 3.5      | 3.4     | 4.7     | 3.9           | 3.0        | 3.6     | 6.4     | 7.4     | 2.5     | N       |
| Mean travel time to work (minutes)                  | 23.0     | 27.4    | 27.2    | 31.6          | 27.8       | 25.5    | 29.9    | 19.7    | 21.0    | 22.4    |
| % in management & professional occup.               | 37.6     | 47.9    | 38.4    | 40.9          | 30.8       | 40.7    | 21.6    | 33.0    | 18.6    | N       |
| % self employed workers                             | 7.4      | 11.7    | 5.6     | 5.2           | 4.8        | 5.7     | 4.0     | 7.3     | 7.0     | 8.4     |
| Median household income (\$)                        | 59,194   | 93,670  | 78,069  | 88,737        | 71,953     | 80,473  | 64,560  | 53,495  | 60,072  | 66,244  |
| Median family income (\$)                           | 75,016   | 102,409 | 83,423  | 94,652        | 82,698     | 90,550  | 66,322  | 70,241  | 64,721  | 79,431  |
| Per capita income (\$)                              | 32,976   | 38,598  | 31,406  | 31,050        | 26,773     | 33,873  | 18,947  | 26,021  | 20,613  | 31,338  |
| % of individuals under poverty                      | 10.2     | 5.4     | 6.2     | 3.7           | 7.2        | 4.1     | 12.2    | 17.2    | 7.4     | 5.6     |
| % of families under poverty                         | 6.5      | 4.8     | 3.9     | 3.6           | 5.6        | 2.2     | 8.3     | 9.1     | 6.0     | 3.4     |
| <b>Housing characteristics</b>                      |          |         |         |               |            |         |         |         |         |         |
| % occupied housing units                            | 87.4     | 92.5    | 95.4    | 98.1          | 94.8       | 93.5    | 97.6    | 92.6    | 92.5    | 66.0    |
| Home ownership (%)                                  | 50.6     | 72.1    | 69.1    | 76.6          | 64.5       | 60.5    | 55.4    | 63.5    | 63.7    | 44.6    |
| % of household without vehicles                     | 15.9     | 4.9     | 7.1     | 2.6           | 6.9        | 3.0     | 11.1    | 10.8    | 10.0    | 3.5     |
| Median home value (\$)                              | 598,200  | 797,900 | 622,100 | 530,400       | 545,500    | 459,000 | 561,100 | 327,200 | 617,800 | 607,600 |
| Median rent (\$)                                    | 1,113    | 1,731   | 1,525   | 1,816         | 1,418      | 1,578   | 1,056   | 890     | 933     | 1,430   |

1/ Race alone or in combination with one or more other races.

Source: The U.S. Census Bureau, American Community Survey, 2006-2008 3-Year Estimates.