

CENSUS DATA HIGHLIGHTS

Hawaii State Data Center, December 8, 2016

HIGHLIGHTS OF THE 2011-2015 AMERICAN COMMUNITY SURVEY 5-YEAR DATA FOR HAWAII

The U.S. Census Bureau released its 2011-2015 American Community Survey (ACS) 5-year estimates on December 8, 2016. The estimates are based on the annual American Community Survey conducted by the Census Bureau which include social, economic, demographic and housing characteristics of Hawaii's population.

The Census Bureau releases 5-year data for all census geographic areas down to the block group level. Over 9% of Hawaii's population were surveyed between this 2011 to 2015 period.

The new ACS dataset is a rich source of detailed race "alone or in combination with some other race" data that has not been available in previous ACS releases. This type of data is especially important to Hawaii where about one-quarter of our population are of two or more races. Average figures for the 5-year time period of 2011-2015 may be obtained for the state level and down to smaller areas such as the census tract level. For example, the number of Vietnamese race "alone or in any combination" in the state for this period was 13,373 and the number of Marshallese race "alone or in any combination" in the state was 9,215. At a smaller geographic level, the estimate for Native Hawaiians race "alone or in any combination" in the Nanakuli area was 5,683.

Other interesting additions to the ACS 5-year dataset series this year are tables for median gross rent by number of bedrooms for renter-occupied housing units and living arrangement estimates by age for adults 18 years and over. Top data categories were also changed for some key housing tables. The top category for median housing value is now "\$2 million or more" (versus last year's top category of "\$1 million or more") and the median rent's top category was increased to "\$3,500 or more" (versus last year's top category of "\$2,000 or more"). These changes provide more detailed information about selected areas within our state which had higher median values. To provide some data on owner-occupied housing units, a table on median selected monthly owner costs for housing units with mortgages was also included in these highlights.

New to these 5-year estimates are profiles which contain comparative data for smaller geographic areas such as census-designated places and census tracts. Tables include data for the 2006-2010 period and the 2011-2015 period. They also include information about whether any of the differences were statistical significance. Caution must be taken when studying an area, however, in cases where the area boundaries have changed between the two time periods being studied.

Selected small area rankings

The following analyses were based upon the ranking of the 316 census tracts in Hawaii which had population. The numbers presented below are averages over the 2011-2015 time period.



Shown below are some highlights for Hawaii. Tables included in these highlights display only the 20 top ranking census tracts. For the complete list and for the margin of errors, see the accompanying EXCEL data file.

- Median owner-occupied housing unit values.** Only one area in Hawaii had a median housing value of \$2 million dollars or more and it was Diamond Head. Eight other areas had median housing values between \$1 and \$1.9 million dollars. They were located in the East Oahu area (Waialae-Kahala, Portlock, Waialae Iki), the Honolulu CDP area (Round Top-Tantalus and Judd Hillside-Lowrey Avenue), and the Windward side of Oahu (Kalaheo Avenue and Lanikai). Three neighbor island areas were included in this top 20 listing -Wailea and Honokowai on Maui and Ha'ena-Hanalei on Kauai. (Table 1)

**Table 1.-- MEDIAN VALUE OF OWNER-OCCUPIED HOUSING UNITS
STATE OF HAWAII, BY CENSUS TRACTS: 2011-2015**

[Average value over the 5-year period in 2015 dollars. Based on survey data]

Rank	State/ Island	2010 Census tract	2010 Name	Dollars
	State of Hawaii			515,300
1	Honolulu	6	Diamond Head	2,000,000+
2	Honolulu	5	Waialae-Kahala	1,483,600
3	Honolulu	1.14	Portlock	1,479,200
4	Honolulu	112.01	Kalaheo Avenue	1,304,800
5	Honolulu	112.02	Lanikai	1,243,100
6	Honolulu	4.02	Waialae Iki	1,189,600
7	Honolulu	32	Round Top-Tantalus	1,132,600
8	Honolulu	30	Judd Hillside-Lowrey Avenue	1,035,700
9	Maui	303.03	Wailea	1,030,700
10	Kauai	401.04	Ha'ena-Hanalei	990,900
11	Honolulu	33	Makiki Heights	985,700
12	Maui	315.03	Honokowai	985,300
13	Honolulu	31.02	Upper Manoa	975,700
14	Honolulu	29	East Manoa	952,000
15	Honolulu	3.01	Aina Haina-Hawaii Loa Ridge	951,400
16	Honolulu	31.01	Woodlawn	944,600
17	Honolulu	9.02	Maunalani Heights	917,800
18	Honolulu	4.01	Waialae Nui Ridge-Ainakoa	917,700
19	Honolulu	3.02	Wailupe	884,200
20	Honolulu	110	Maunawili	870,500

See EXCEL data file for margin of errors.



- **Median selected monthly owner costs for housing units with mortgages.** Only one area in Hawaii had median selected monthly owner costs of \$4,000 or more. It was the Diamond Head portion of Oahu. A total of 24 areas had monthly costs between \$3,000 to \$3,999 and most of them are shown in the table below. The island of Maui had two of these areas – Honokowai and Wailea. (Table 2)

Table 2.-- MEDIAN SELECTED MONTHLY OWNER COSTS FOR HOUSING UNITS WITH MORTGAGES: STATE OF HAWAII, BY CENSUS TRACTS: 2011-2015

[Average value over the 5-year period in 2015 dollars. Based on survey data]

Rank	State/ Island	2010 Census tract	2010 Name	Dollars
	State of Hawaii			2,270
1	Honolulu	6	Diamond Head	4,000+
2	Honolulu	32	Round Top-Tantalus	3,906
3	Honolulu	112.02	Lanikai	3,898
4	Honolulu	5	Waialae-Kahala	3,821
5	Honolulu	4.02	Waialae Iki	3,781
6	Honolulu	112.01	Kalaheo Avenue	3,723
7	Honolulu	86.10	Ko Olina Resort	3,692
8	Honolulu	1.14	Portlock	3,653
9	Honolulu	30	Judd Hillside-Lowrey Avenue	3,630
10	Honolulu	34.07	Maryknoll School	3,536
11	Honolulu	31.02	Upper Manoa	3,520
12	Maui	315.03	Honokowai	3,512
13	Maui	303.03	Wailea	3,489
14	Honolulu	3.01	Aina Haina-Hawaii Loa Ridge	3,299
15	Honolulu	46	Puunui-Waokanaka Street	3,204
16	Honolulu	111.04	Enchanted Lakes	3,189
17	Honolulu	86.14	Kunia West	3,188
18	Honolulu	114	Waipio Peninsula	3,170
19	Honolulu	1.10	Kalama Valley	3,140
20	Honolulu	40	Financial District	3,086

See EXCEL data file for margin of errors.

Note: Selected monthly owner costs are calculated from the sum of payment for mortgages, real estate taxes, various insurances, utilities, fuels, mobile home costs, and condominium fees.



- **Median gross rent for renter-occupied housing units.** Five areas in Hawaii had median gross rents of \$3,500 or more. They are Lunalilo Park Subdivision, Waialae Iki, Diamond Head, Coral Creek Golf Course, and Waiawa. Another nine areas had gross rents of between \$3,000 and \$3,499. All twenty of the top areas were in Honolulu County. (Table 3)

**Table 3.-- MEDIAN GROSS RENT FOR RENTER-OCCUPIED HOUSING UNITS
STATE OF HAWAII, BY CENSUS TRACTS: 2011-2015**

[Average value over the 5-year period in 2015 dollars. Based on survey data]

Rank	State/ Island	2010 Census tract	2010 Name	Dollars
	State of Hawaii			1,438
1	Honolulu	1.11	Lunalilo Park Subdivision	3,500+
1	Honolulu	4.02	Waialae Iki	3,500+
1	Honolulu	6	Diamond Head	3,500+
1	Honolulu	84.10	Coral Creek Golf Course	3,500+
1	Honolulu	89.31	Waiawa	3,500+
6	Honolulu	66	Kahauiki Street	3,495
7	Honolulu	89.28	Mililani Mauka Middle School	3,345
8	Honolulu	5	Waialae-Kahala	3,308
9	Honolulu	107.02	Mokulele Drive	3,149
10	Honolulu	68.06	Ala Liliroi	3,120
11	Honolulu	111.03	Olomana	3,098
12	Honolulu	86.10	Ko Olina Resort	3,081
13	Honolulu	1.08	Hawaii Kai Marina	3,056
14	Honolulu	34.07	Maryknoll School	3,032
15	Honolulu	111.04	Enchanted Lakes	2,982
16	Honolulu	110	Maunawili	2,960
17	Honolulu	1.10	Kalama Valley	2,943
18	Honolulu	74	Ford Island	2,874
19	Honolulu	1.12	Koko Marina	2,856
20	Honolulu	69	Arizona Road	2,846

See EXCEL data file for margin of errors.

Note: Gross rent is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water and sewer) and fuels (oil, coal, kerosene, wood, etc.) if these are paid by the renter (or paid for the renter by someone else).



Comparative profile

Comparative profiles for the time periods 2006-2010 and 2011-2015 for smaller geographic areas such as census-designated places and census tracts are available. For example, a sample analysis is data for the Aiea CDP and findings for the Aiea CDP using the ACS comparative profiles included that average household size had increased significantly from 2.95 persons per household to 3.41. Average family size reflected the same trend increasing significantly from 3.29 persons per family to 3.95. Grandparents living with their own grandchildren who were under 18 years old were also on the rise, from 252 grandparents to 531 grandparents.. The housing data revealed that there was a significant percentage increase in the number of 1-unit, attached housing in Aiea, from about 5% of the housing stock to 14%. Of the existing housing units, the number with 5 or more bedrooms also rose from 14% to 21%.

An interactive CDP boundary map displaying the 2000 and 2010 Census boundaries may be useful in determining the comparability of a CDP area. This product may be found at:

http://files.hawaii.gov/dbedt/op/gis/maps/agol-maps/CDP2000-2010_Comparison/

The interactive map was a joint project between our DBEDT Research and Economic Analysis Division and the DBEDT Office of Planning GIS Branch.

Source: U.S. Census Bureau's American Community Survey 2011-2015 American Community Survey 5-year dataset released on December 8, 2016; compiled by the Hawaii State Department of Business, Economic Development & Tourism, Research and Economic Analysis Division.

