

## Hawaii

### S2504. Physical Housing Characteristics for Occupied Housing Units

Data Set: 2008 American Community Survey 1-Year Estimates

Survey: American Community Survey

NOTE: For information on confidentiality protection, sampling error, nonsampling error, and definitions, see [Survey Methodology](#).

Subject	Occupied housing units	Margin of Error	Owner-occupied housing units	Margin of Error	Renter-occupied housing units	Margin of Error
<b>Occupied housing units</b>	<b>437,105</b>	<b>+/-4,492</b>	<b>258,365</b>	<b>+/-5,142</b>	<b>178,740</b>	<b>+/-5,515</b>
<b>UNITS IN STRUCTURE</b>						
1, detached	56.9%	+/-1.0	72.9%	+/-1.1	33.7%	+/-2.1
1, attached	6.5%	+/-0.6	5.1%	+/-0.6	8.6%	+/-1.1
2 apartments	3.5%	+/-0.5	1.4%	+/-0.4	6.6%	+/-1.1
3 or 4 apartments	4.2%	+/-0.6	2.3%	+/-0.5	7.0%	+/-1.1
5 to 9 apartments	6.9%	+/-0.6	4.1%	+/-0.6	10.9%	+/-1.4
10 or more apartments	21.8%	+/-0.8	14.1%	+/-1.0	32.9%	+/-1.9
Mobile home or other type of housing	0.2%	+/-0.1	0.1%	+/-0.1	0.2%	+/-0.2
<b>YEAR STRUCTURE BUILT</b>						
2000 or later	8.9%	+/-0.6	9.9%	+/-0.9	7.5%	+/-1.0
1990 to 1999	14.7%	+/-0.8	16.2%	+/-1.2	12.5%	+/-1.3
1980 to 1989	15.9%	+/-0.9	16.4%	+/-1.1	15.0%	+/-1.7
1960 to 1979	41.0%	+/-1.2	38.5%	+/-1.4	44.7%	+/-2.0
1940 to 1959	15.3%	+/-0.7	15.3%	+/-0.9	15.3%	+/-1.4
1939 or earlier	4.2%	+/-0.5	3.7%	+/-0.4	5.0%	+/-0.9
<b>ROOMS</b>						
1 room	4.2%	+/-0.5	1.0%	+/-0.3	8.8%	+/-1.1
2 or 3 rooms	18.4%	+/-1.0	9.8%	+/-0.9	30.8%	+/-2.0
4 or 5 rooms	40.5%	+/-1.2	40.2%	+/-1.5	41.0%	+/-2.2
6 or 7 rooms	24.7%	+/-1.1	31.7%	+/-1.5	14.6%	+/-1.6
8 or more rooms	12.2%	+/-0.7	17.3%	+/-1.1	4.8%	+/-0.8
<b>BEDROOMS</b>						
No bedroom	4.7%	+/-0.6	1.2%	+/-0.3	9.8%	+/-1.2
1 bedroom	11.6%	+/-0.9	5.9%	+/-0.7	19.8%	+/-1.7
2 or 3 bedrooms	62.5%	+/-1.2	63.9%	+/-1.4	60.4%	+/-2.0
4 or more bedrooms	21.2%	+/-0.9	29.0%	+/-1.2	10.0%	+/-1.2
<b>COMPLETE FACILITIES</b>						
With complete plumbing facilities	99.1%	+/-0.2	99.3%	+/-0.3	98.7%	+/-0.4
With complete kitchen facilities	98.3%	+/-0.4	99.4%	+/-0.3	96.7%	+/-0.8
<b>VEHICLES AVAILABLE</b>						
No vehicle available	8.4%	+/-0.7	4.5%	+/-0.6	14.1%	+/-1.3
1 vehicle available	32.7%	+/-1.0	26.2%	+/-1.3	42.2%	+/-2.0
2 vehicles available	37.4%	+/-1.1	41.0%	+/-1.5	32.1%	+/-1.7
3 or more vehicles available	21.5%	+/-1.0	28.3%	+/-1.4	11.6%	+/-1.4
<b>TELEPHONE SERVICE AVAILABLE</b>						
With telephone service	98.1%	+/-0.3	99.3%	+/-0.3	96.4%	+/-0.8
<b>HOUSE HEATING FUEL</b>						
Utility gas	2.0%	+/-0.3	2.0%	+/-0.4	2.0%	+/-0.5
Bottled, tank, or LP gas	1.5%	+/-0.2	1.8%	+/-0.3	1.2%	+/-0.3
Electricity	36.7%	+/-1.1	38.0%	+/-1.3	34.9%	+/-2.0
Fuel oil, kerosene, etc.	0.0%	+/-0.1	0.0%	+/-0.1	0.0%	+/-0.1

Subject	Occupied housing units	Margin of Error	Owner-occupied housing units	Margin of Error	Renter-occupied housing units	Margin of Error
Coal or coke	0.0%	+/-0.1	0.0%	+/-0.1	0.0%	+/-0.1
All other fuels	1.6%	+/-0.3	1.9%	+/-0.4	1.1%	+/-0.4
No fuel used	58.1%	+/-1.1	56.3%	+/-1.4	60.8%	+/-1.9
<b>PERCENT IMPUTED</b>						
Units in structure	2.0%	(X)	(X)	(X)	(X)	(X)
Year structure built	18.5%	(X)	(X)	(X)	(X)	(X)
Rooms	6.7%	(X)	(X)	(X)	(X)	(X)
Bedrooms	1.6%	(X)	(X)	(X)	(X)	(X)
Plumbing facilities	1.1%	(X)	(X)	(X)	(X)	(X)
Kitchen facilities	2.2%	(X)	(X)	(X)	(X)	(X)
Vehicles available	0.7%	(X)	(X)	(X)	(X)	(X)
Telephone service available	1.6%	(X)	(X)	(X)	(X)	(X)
House heating fuel	2.5%	(X)	(X)	(X)	(X)	(X)

Source: U.S. Census Bureau, 2008 American Community Survey

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see [Accuracy of the Data](#)). The effect of nonsampling error is not represented in these tables.

#### Notes:

- The percent imputed for units in structure, year structure built, rooms, bedrooms, plumbing facilities, and kitchen facilities is based on all housing units (both occupied and vacant housing units) instead of occupied housing units only.
- Caution should be used when comparing data for Rooms between 2007 and 2008. Changes made to the Rooms question involving the wording as well as the response option resulted in an inconsistency in the data. It is most noticeable as an increase in "1 room" category and as a decrease in the "2 rooms" to "6 rooms" categories. For more detailed information about these changes, see the Rooms section of the Subject Definitions at: [http://www.census.gov/acs/www/Downloads/2008/usedata/Subject\\_Definitions.pdf#page=21](http://www.census.gov/acs/www/Downloads/2008/usedata/Subject_Definitions.pdf#page=21)
- Caution should be used when comparing data for Bedrooms between 2007 and 2008. Changes made to the Bedrooms question involving the wording as well as the response option resulted in an inconsistency in the data. It is most noticeable as an increase in "No bedroom" category and as a decrease in the "1 bedroom" to "3 bedrooms" categories. For more detailed information about these changes, see the Bedrooms section of the Subject Definitions at: [http://www.census.gov/acs/www/Downloads/2008/usedata/Subject\\_Definitions.pdf#page=9](http://www.census.gov/acs/www/Downloads/2008/usedata/Subject_Definitions.pdf#page=9)
- Caution should be used when comparing data for Plumbing Facilities in certain areas between 2007 and 2008. Changes made to the question wording and translation to the Spanish questionnaire resulted in an inconsistency in the data. It is most noticeable as an increase in "Lacking complete plumbing facilities." For more detailed information about these changes, see the Plumbing facilities section of the Subject Definitions at: [http://www.census.gov/acs/www/Downloads/2008/usedata/Subject\\_Definitions.pdf#page=19](http://www.census.gov/acs/www/Downloads/2008/usedata/Subject_Definitions.pdf#page=19)
- Caution should be used when comparing data for Kitchen Facilities in certain areas between 2007 and 2008. Changes made to the question wording and translation to the Spanish questionnaire resulted in an inconsistency in the data. It is most noticeable as an increase in "Lacking complete kitchen facilities." For more detailed information about these changes, see the Kitchen facilities section of the Subject Definitions at: [http://www.census.gov/acs/www/Downloads/2008/usedata/Subject\\_Definitions.pdf#page=16](http://www.census.gov/acs/www/Downloads/2008/usedata/Subject_Definitions.pdf#page=16)
- Caution should be used when comparing data for Telephone Service Availability between 2007 and 2008. Changes made to the Telephone Service Availability question involving the structure of the question as well as including an instruction to include cell phones resulted in an inconsistency in the data. It is most noticeable as an increase in respondents answering "yes" to the question. For more detailed information about these changes, see the Telephone Service Available section of the Subject Definitions at: [http://www.census.gov/acs/www/Downloads/2008/usedata/Subject\\_Definitions.pdf#page=24](http://www.census.gov/acs/www/Downloads/2008/usedata/Subject_Definitions.pdf#page=24)
- While the 2008 American Community Survey (ACS) data generally reflect the November 2007 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities. The 2008 Puerto Rico Community Survey (PRCS) data generally reflect the November 2007 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in PRCS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.
- Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2000 data. Boundaries for urban areas have not been updated since Census 2000. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

#### Explanation of Symbols:

1. An '\*\*\*' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '\*\*\*\*' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '\*\*\*\*\*' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
8. An '(X)' means that the estimate is not applicable or not available.

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