



DP04

## SELECTED HOUSING CHARACTERISTICS

2013-2017 American Community Survey 5-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Technical Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities, and towns and estimates of housing units for states and counties.

A processing error was found in the Year Structure Built estimates since data year 2008. For more information, please see the errata note #110.

Subject	Liberty township, Delaware County, Ohio			
	Estimate	Margin of Error	Percent	Percent Margin of Error
<b>HOUSING OCCUPANCY</b>				
Total housing units	10,281	+/-241	10,281	(X)
Occupied housing units	10,017	+/-255	97.4%	+/-1.4
Vacant housing units	264	+/-144	2.6%	+/-1.4
Homeowner vacancy rate	0.7	+/-0.8	(X)	(X)
Rental vacancy rate	5.0	+/-5.4	(X)	(X)
<b>UNITS IN STRUCTURE</b>				
Total housing units	10,281	+/-241	10,281	(X)
1-unit, detached	8,531	+/-240	83.0%	+/-1.6
1-unit, attached	908	+/-139	8.8%	+/-1.3
2 units	9	+/-14	0.1%	+/-0.1
3 or 4 units	240	+/-97	2.3%	+/-0.9
5 to 9 units	265	+/-106	2.6%	+/-1.0
10 to 19 units	182	+/-78	1.8%	+/-0.8
20 or more units	133	+/-77	1.3%	+/-0.7
Mobile home	13	+/-22	0.1%	+/-0.2
Boat, RV, van, etc.	0	+/-21	0.0%	+/-0.3
<b>YEAR STRUCTURE BUILT</b>				
Total housing units	10,281	+/-241	10,281	(X)
Built 2014 or later	97	+/-55	0.9%	+/-0.5
Built 2010 to 2013	529	+/-148	5.1%	+/-1.4
Built 2000 to 2009	3,760	+/-254	36.6%	+/-2.4
Built 1990 to 1999	3,629	+/-313	35.3%	+/-2.9
Built 1980 to 1989	1,082	+/-167	10.5%	+/-1.6
Built 1970 to 1979	403	+/-150	3.9%	+/-1.4
Built 1960 to 1969	339	+/-124	3.3%	+/-1.2
Built 1950 to 1959	142	+/-82	1.4%	+/-0.8
Built 1940 to 1949	62	+/-41	0.6%	+/-0.4

Subject	Liberty township, Delaware County, Ohio			
	Estimate	Margin of Error	Percent	Percent Margin of Error
Built 1939 or earlier	238	+/-108	2.3%	+/-1.1
<b>ROOMS</b>				
Total housing units	10,281	+/-241	10,281	(X)
1 room	68	+/-66	0.7%	+/-0.6
2 rooms	62	+/-61	0.6%	+/-0.6
3 rooms	296	+/-91	2.9%	+/-0.9
4 rooms	501	+/-163	4.9%	+/-1.6
5 rooms	852	+/-184	8.3%	+/-1.8
6 rooms	864	+/-169	8.4%	+/-1.6
7 rooms	981	+/-174	9.5%	+/-1.7
8 rooms	1,320	+/-167	12.8%	+/-1.7
9 rooms or more	5,337	+/-264	51.9%	+/-2.3
Median rooms	9.0+	***	(X)	(X)
<b>BEDROOMS</b>				
Total housing units	10,281	+/-241	10,281	(X)
No bedroom	68	+/-66	0.7%	+/-0.6
1 bedroom	292	+/-107	2.8%	+/-1.0
2 bedrooms	1,134	+/-166	11.0%	+/-1.6
3 bedrooms	2,299	+/-246	22.4%	+/-2.3
4 bedrooms	5,157	+/-301	50.2%	+/-2.9
5 or more bedrooms	1,331	+/-214	12.9%	+/-2.0
<b>HOUSING TENURE</b>				
Occupied housing units	10,017	+/-255	10,017	(X)
Owner-occupied	9,003	+/-264	89.9%	+/-1.6
Renter-occupied	1,014	+/-166	10.1%	+/-1.6
Average household size of owner-occupied unit	2.99	+/-0.08	(X)	(X)
Average household size of renter-occupied unit	1.88	+/-0.25	(X)	(X)
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>				
Occupied housing units	10,017	+/-255	10,017	(X)
Moved in 2015 or later	1,003	+/-214	10.0%	+/-2.1
Moved in 2010 to 2014	2,936	+/-323	29.3%	+/-3.1
Moved in 2000 to 2009	3,987	+/-326	39.8%	+/-3.2
Moved in 1990 to 1999	1,457	+/-234	14.5%	+/-2.3
Moved in 1980 to 1989	378	+/-127	3.8%	+/-1.2
Moved in 1979 and earlier	256	+/-98	2.6%	+/-1.0
<b>VEHICLES AVAILABLE</b>				
Occupied housing units	10,017	+/-255	10,017	(X)
No vehicles available	177	+/-86	1.8%	+/-0.8
1 vehicle available	1,987	+/-222	19.8%	+/-2.1
2 vehicles available	5,017	+/-381	50.1%	+/-3.4
3 or more vehicles available	2,836	+/-236	28.3%	+/-2.4
<b>HOUSE HEATING FUEL</b>				
Occupied housing units	10,017	+/-255	10,017	(X)
Utility gas	7,625	+/-296	76.1%	+/-2.3
Bottled, tank, or LP gas	349	+/-123	3.5%	+/-1.2
Electricity	1,833	+/-239	18.3%	+/-2.3
Fuel oil, kerosene, etc.	126	+/-74	1.3%	+/-0.7
Coal or coke	0	+/-21	0.0%	+/-0.3
Wood	66	+/-54	0.7%	+/-0.5
Solar energy	8	+/-13	0.1%	+/-0.1
Other fuel	10	+/-18	0.1%	+/-0.2
No fuel used	0	+/-21	0.0%	+/-0.3

Subject	Liberty township, Delaware County, Ohio			
	Estimate	Margin of Error	Percent	Percent Margin of Error
<b>SELECTED CHARACTERISTICS</b>				
Occupied housing units	10,017	+/-255	10,017	(X)
Lacking complete plumbing facilities	0	+/-21	0.0%	+/-0.3
Lacking complete kitchen facilities	111	+/-64	1.1%	+/-0.6
No telephone service available	100	+/-58	1.0%	+/-0.6
<b>OCCUPANTS PER ROOM</b>				
Occupied housing units	10,017	+/-255	10,017	(X)
1.00 or less	10,005	+/-255	99.9%	+/-0.1
1.01 to 1.50	12	+/-14	0.1%	+/-0.1
1.51 or more	0	+/-21	0.0%	+/-0.3
<b>VALUE</b>				
Owner-occupied units	9,003	+/-264	9,003	(X)
Less than \$50,000	114	+/-67	1.3%	+/-0.7
\$50,000 to \$99,999	115	+/-67	1.3%	+/-0.8
\$100,000 to \$149,999	155	+/-65	1.7%	+/-0.7
\$150,000 to \$199,999	495	+/-125	5.5%	+/-1.4
\$200,000 to \$299,999	1,704	+/-231	18.9%	+/-2.5
\$300,000 to \$499,999	4,387	+/-327	48.7%	+/-3.1
\$500,000 to \$999,999	1,866	+/-208	20.7%	+/-2.3
\$1,000,000 or more	167	+/-77	1.9%	+/-0.8
Median (dollars)	366,100	+/-6,716	(X)	(X)
<b>MORTGAGE STATUS</b>				
Owner-occupied units	9,003	+/-264	9,003	(X)
Housing units with a mortgage	6,940	+/-279	77.1%	+/-2.5
Housing units without a mortgage	2,063	+/-247	22.9%	+/-2.5
<b>SELECTED MONTHLY OWNER COSTS (SMOC)</b>				
Housing units with a mortgage	6,940	+/-279	6,940	(X)
Less than \$500	26	+/-30	0.4%	+/-0.4
\$500 to \$999	99	+/-53	1.4%	+/-0.8
\$1,000 to \$1,499	508	+/-145	7.3%	+/-2.1
\$1,500 to \$1,999	1,425	+/-236	20.5%	+/-3.2
\$2,000 to \$2,499	1,472	+/-241	21.2%	+/-3.3
\$2,500 to \$2,999	1,396	+/-233	20.1%	+/-3.3
\$3,000 or more	2,014	+/-263	29.0%	+/-3.6
Median (dollars)	2,480	+/-90	(X)	(X)
Housing units without a mortgage	2,063	+/-247	2,063	(X)
Less than \$250	49	+/-29	2.4%	+/-1.4
\$250 to \$399	63	+/-74	3.1%	+/-3.5
\$400 to \$599	237	+/-108	11.5%	+/-5.1
\$600 to \$799	399	+/-107	19.3%	+/-5.1
\$800 to \$999	559	+/-160	27.1%	+/-6.9
\$1,000 or more	756	+/-164	36.6%	+/-6.8
Median (dollars)	887	+/-45	(X)	(X)
<b>SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME (SMOCAPI)</b>				
Housing units with a mortgage (excluding units where SMOCAPI cannot be computed)	6,902	+/-284	6,902	(X)
Less than 20.0 percent	3,647	+/-333	52.8%	+/-4.2
20.0 to 24.9 percent	1,252	+/-227	18.1%	+/-3.1
25.0 to 29.9 percent	651	+/-144	9.4%	+/-2.1
30.0 to 34.9 percent	483	+/-154	7.0%	+/-2.2
35.0 percent or more	869	+/-190	12.6%	+/-2.7

Subject	Liberty township, Delaware County, Ohio			
	Estimate	Margin of Error	Percent	Percent Margin of Error
Not computed	38	+/-48	(X)	(X)
Housing unit without a mortgage (excluding units where SMOCAPI cannot be computed)	2,039	+/-246	2,039	(X)
Less than 10.0 percent	942	+/-181	46.2%	+/-7.2
10.0 to 14.9 percent	425	+/-149	20.8%	+/-6.3
15.0 to 19.9 percent	169	+/-77	8.3%	+/-3.9
20.0 to 24.9 percent	217	+/-100	10.6%	+/-4.8
25.0 to 29.9 percent	54	+/-39	2.6%	+/-1.9
30.0 to 34.9 percent	61	+/-43	3.0%	+/-2.1
35.0 percent or more	171	+/-82	8.4%	+/-4.0
Not computed	24	+/-35	(X)	(X)
<b>GROSS RENT</b>				
Occupied units paying rent	997	+/-162	997	(X)
Less than \$500	0	+/-21	0.0%	+/-3.0
\$500 to \$999	556	+/-143	55.8%	+/-11.8
\$1,000 to \$1,499	220	+/-98	22.1%	+/-9.0
\$1,500 to \$1,999	103	+/-57	10.3%	+/-5.8
\$2,000 to \$2,499	90	+/-57	9.0%	+/-5.5
\$2,500 to \$2,999	13	+/-21	1.3%	+/-2.2
\$3,000 or more	15	+/-24	1.5%	+/-2.4
Median (dollars)	955	+/-86	(X)	(X)
No rent paid	17	+/-21	(X)	(X)
<b>GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME (GRAPI)</b>				
Occupied units paying rent (excluding units where GRAPI cannot be computed)	997	+/-162	997	(X)
Less than 15.0 percent	133	+/-80	13.3%	+/-7.4
15.0 to 19.9 percent	150	+/-71	15.0%	+/-6.9
20.0 to 24.9 percent	149	+/-82	14.9%	+/-8.1
25.0 to 29.9 percent	102	+/-61	10.2%	+/-6.1
30.0 to 34.9 percent	58	+/-49	5.8%	+/-4.8
35.0 percent or more	405	+/-122	40.6%	+/-10.1
Not computed	17	+/-21	(X)	(X)

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.

Households not paying cash rent are excluded from the calculation of median gross rent.

Telephone service data are not available for certain geographic areas due to problems with data collection of this question that occurred in 2015 and 2016. Both ACS 1-year and ACS 5-year files were affected. It may take several years in the ACS 5-year files until the estimates are available for the geographic areas affected.

While the 2013-2017 American Community Survey (ACS) data generally reflect the February 2013 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.

Estimates of urban and rural populations, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. 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.