



S0802

MEANS OF TRANSPORTATION TO WORK BY SELECTED CHARACTERISTICS

2012-2016 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 Data and 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.

Tell us what you think. Provide feedback to help make American Community Survey data more useful for you.

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.

Subject	Polk County, Iowa				
	Total		Car, truck, or van -- drove alone		Car, truck, or van -- carpooled
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Workers 16 years and over	240,248	+/-1,799	201,184	+/-2,033	20,449
AGE					
16 to 19 years	4.2%	+/-0.2	3.8%	+/-0.2	6.3%
20 to 24 years	9.4%	+/-0.2	9.2%	+/-0.3	11.1%
25 to 44 years	46.4%	+/-0.3	46.3%	+/-0.5	51.9%
45 to 54 years	20.8%	+/-0.2	21.3%	+/-0.3	16.2%
55 to 59 years	8.6%	+/-0.3	8.7%	+/-0.3	7.3%
60 years and over	10.6%	+/-0.4	10.6%	+/-0.5	7.2%
Median age (years)	40.4	+/-0.2	40.8	+/-0.3	36.1
SEX					
Male	52.1%	+/-0.3	52.4%	+/-0.4	50.5%
Female	47.9%	+/-0.3	47.6%	+/-0.4	49.5%
RACE AND HISPANIC OR LATINO ORIGIN					
One race	98.6%	+/-0.2	98.7%	+/-0.2	97.8%
White	87.8%	+/-0.4	89.3%	+/-0.4	77.5%
Black or African American	5.1%	+/-0.3	4.3%	+/-0.3	9.7%
American Indian and Alaska Native	0.2%	+/-0.1	0.1%	+/-0.1	0.6%
Asian	4.0%	+/-0.2	3.6%	+/-0.2	7.4%
Native Hawaiian and Other Pacific Islander	0.1%	+/-0.1	0.1%	+/-0.1	0.0%
Some other race	1.4%	+/-0.2	1.2%	+/-0.2	2.7%
Two or more races	1.4%	+/-0.2	1.3%	+/-0.2	2.2%
Hispanic or Latino origin (of any race)	6.4%	+/-0.2	5.7%	+/-0.3	13.4%
White alone, not Hispanic or Latino	83.1%	+/-0.3	85.1%	+/-0.5	68.1%
NATIVITY AND CITIZENSHIP STATUS					
Native	89.7%	+/-0.5	90.8%	+/-0.5	78.3%

Subject	Polk County, Iowa				
	Total		Car, truck, or van -- drove alone		Car, truck, or van -- carpooled
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Foreign born	10.3%	+/-0.5	9.2%	+/-0.5	21.7%
Naturalized U.S. citizen	4.6%	+/-0.3	4.5%	+/-0.3	7.4%
Not a U.S. citizen	5.6%	+/-0.4	4.7%	+/-0.3	14.3%
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH					
Speak language other than English	11.7%	+/-0.5	10.6%	+/-0.5	23.6%
Speak English "very well"	5.9%	+/-0.4	5.6%	+/-0.4	10.2%
Speak English less than "very well"	5.8%	+/-0.4	5.0%	+/-0.4	13.4%
EARNINGS IN THE PAST 12 MONTHS (IN 2016 INFLATION-ADJUSTED DOLLARS) FOR WORKERS					
Workers 16 years and over with earnings	240,241	+/-1,796	201,177	+/-2,031	20,449
\$1 to \$9,999 or less	12.2%	+/-0.5	10.6%	+/-0.5	16.9%
\$10,000 to \$14,999	6.3%	+/-0.3	5.8%	+/-0.4	8.9%
\$15,000 to \$24,999	12.6%	+/-0.5	12.0%	+/-0.5	17.4%
\$25,000 to \$34,999	14.3%	+/-0.5	14.3%	+/-0.6	18.0%
\$35,000 to \$49,999	18.1%	+/-0.6	18.7%	+/-0.6	17.0%
\$50,000 to \$64,999	13.8%	+/-0.6	14.6%	+/-0.6	9.9%
\$65,000 to \$74,999	5.9%	+/-0.4	6.2%	+/-0.4	4.0%
\$75,000 or more	16.7%	+/-0.6	17.7%	+/-0.7	7.9%
Median earnings (dollars)	38,061	+/-749	40,298	+/-511	28,851
POVERTY STATUS IN THE PAST 12 MONTHS					
Workers 16 years and over for whom poverty status is determined	238,475	+/-1,826	200,289	+/-2,067	20,341
Below 100 percent of the poverty level	6.2%	+/-0.4	5.2%	+/-0.4	10.6%
100 to 149 percent of the poverty level	5.4%	+/-0.4	5.0%	+/-0.4	7.5%
At or above 150 percent of the poverty level	88.4%	+/-0.5	89.8%	+/-0.5	81.9%
Workers 16 years and over	240,248	+/-1,799	201,184	+/-2,033	20,449
OCCUPATION					
Management, business, science, and arts occupations	39.9%	+/-0.8	41.1%	+/-0.8	28.4%
Service occupations	15.9%	+/-0.5	14.6%	+/-0.5	20.2%
Sales and office occupations	25.6%	+/-0.6	25.9%	+/-0.7	24.7%
Natural resources, construction, and maintenance occupations	7.5%	+/-0.4	7.5%	+/-0.5	10.5%
Production, transportation, and material moving occupations	11.1%	+/-0.5	10.7%	+/-0.6	16.1%
Military specific occupations	0.1%	+/-0.1	0.1%	+/-0.1	0.1%
INDUSTRY					
Agriculture, forestry, fishing and hunting, and mining	1.2%	+/-0.2	1.1%	+/-0.2	0.6%
Construction	6.1%	+/-0.4	6.0%	+/-0.4	9.4%
Manufacturing	9.0%	+/-0.5	8.8%	+/-0.5	12.6%
Wholesale trade	2.9%	+/-0.3	3.1%	+/-0.3	1.4%
Retail trade	11.3%	+/-0.5	11.5%	+/-0.5	11.1%
Transportation and warehousing, and utilities	4.1%	+/-0.3	4.3%	+/-0.3	2.9%
Information and finance and insurance, and real estate and rental and leasing	18.3%	+/-0.6	18.7%	+/-0.7	16.1%
Professional, scientific, management, and administrative and waste management services	10.2%	+/-0.4	9.9%	+/-0.5	9.6%
Educational services, and health care and social assistance	20.5%	+/-0.6	20.7%	+/-0.6	18.3%
Arts, entertainment, and recreation, and accommodation and food services	8.2%	+/-0.4	7.7%	+/-0.4	11.2%
Other services (except public administration)	4.1%	+/-0.3	4.0%	+/-0.3	4.3%
Public administration	3.8%	+/-0.3	4.1%	+/-0.3	2.3%
Armed forces	0.2%	+/-0.1	0.2%	+/-0.1	0.1%

Subject	Polk County, Iowa				
	Total		Car, truck, or van -- drove alone		Car, truck, or van -- carpooled
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
CLASS OF WORKER					
Private wage and salary workers	83.4%	+/-0.6	83.9%	+/-0.6	87.5%
Government workers	12.1%	+/-0.5	12.8%	+/-0.6	9.0%
Self-employed workers in own not incorporated business	4.4%	+/-0.3	3.2%	+/-0.3	3.5%
Unpaid family workers	0.1%	+/-0.1	0.1%	+/-0.1	0.0%
PLACE OF WORK					
Worked in state of residence	99.4%	+/-0.1	99.5%	+/-0.1	99.7%
Worked in county of residence	89.7%	+/-0.5	89.4%	+/-0.5	86.6%
Worked outside county of residence	9.7%	+/-0.5	10.0%	+/-0.5	13.0%
Worked outside state of residence	0.6%	+/-0.1	0.5%	+/-0.1	0.3%
Workers 16 years and over who did not work at home	231,506	+/-1,830	201,184	+/-2,033	20,449
TIME LEAVING HOME TO GO TO WORK					
12:00 a.m. to 4:59 a.m.	2.5%	+/-0.3	2.4%	+/-0.3	2.8%
5:00 a.m. to 5:29 a.m.	2.5%	+/-0.3	2.6%	+/-0.3	2.8%
5:30 a.m. to 5:59 a.m.	3.8%	+/-0.3	3.6%	+/-0.3	5.2%
6:00 a.m. to 6:29 a.m.	7.9%	+/-0.4	7.7%	+/-0.4	9.4%
6:30 a.m. to 6:59 a.m.	11.5%	+/-0.5	11.7%	+/-0.5	12.9%
7:00 a.m. to 7:29 a.m.	18.1%	+/-0.7	18.7%	+/-0.7	16.1%
7:30 a.m. to 7:59 a.m.	16.7%	+/-0.5	17.2%	+/-0.6	14.9%
8:00 a.m. to 8:29 a.m.	9.7%	+/-0.5	10.0%	+/-0.5	7.2%
8:30 a.m. to 8:59 a.m.	4.3%	+/-0.4	4.3%	+/-0.4	4.7%
9:00 a.m. to 11:59 p.m.	22.8%	+/-0.6	21.9%	+/-0.6	24.0%
TRAVEL TIME TO WORK					
Less than 10 minutes	14.7%	+/-0.6	14.1%	+/-0.6	13.4%
10 to 14 minutes	18.3%	+/-0.7	18.5%	+/-0.7	17.5%
15 to 19 minutes	21.8%	+/-0.6	22.5%	+/-0.7	19.8%
20 to 24 minutes	20.0%	+/-0.7	20.7%	+/-0.7	17.9%
25 to 29 minutes	8.0%	+/-0.4	8.2%	+/-0.5	7.2%
30 to 34 minutes	10.2%	+/-0.5	10.1%	+/-0.5	11.4%
35 to 44 minutes	2.6%	+/-0.2	2.5%	+/-0.3	2.9%
45 to 59 minutes	2.2%	+/-0.2	1.8%	+/-0.2	6.1%
60 or more minutes	2.2%	+/-0.2	1.7%	+/-0.2	3.9%
Mean travel time to work (minutes)	N	N	N	N	N
Workers 16 years and over in households	238,130	+/-1,827	200,266	+/-2,064	20,286
HOUSING TENURE					
Owner-occupied housing units	71.6%	+/-0.9	73.5%	+/-0.8	60.4%
Renter-occupied housing units	28.4%	+/-0.9	26.5%	+/-0.8	39.6%
VEHICLES AVAILABLE					
No vehicle available	2.1%	+/-0.3	1.0%	+/-0.2	3.5%
1 vehicle available	19.2%	+/-0.6	18.5%	+/-0.6	22.7%
2 vehicles available	47.0%	+/-1.1	47.9%	+/-1.1	44.9%
3 or more vehicles available	31.7%	+/-0.9	32.7%	+/-1.0	28.9%
PERCENT ALLOCATED					
Means of transportation to work	10.4%	(X)	(X)	(X)	(X)
Time leaving home to go to work	17.7%	(X)	(X)	(X)	(X)
Travel time to work	13.6%	(X)	(X)	(X)	(X)
Vehicles available	1.3%	(X)	(X)	(X)	(X)

Subject	Polk County, Iowa		
	Car, truck, or van -- carpooled	Public transportation (excluding taxicab)	
	Margin of Error	Estimate	Margin of Error
Workers 16 years and over	+/-1,275	3,195	+/-418
AGE			
16 to 19 years	+/-1.1	3.5%	+/-2.6
20 to 24 years	+/-1.5	11.2%	+/-3.4
25 to 44 years	+/-2.6	44.5%	+/-6.3
45 to 54 years	+/-1.7	19.8%	+/-6.1
55 to 59 years	+/-1.3	8.4%	+/-3.4
60 years and over	+/-1.3	12.6%	+/-3.0
Median age (years)	+/-1.0	39.7	+/-2.8
SEX			
Male	+/-2.1	52.3%	+/-7.1
Female	+/-2.1	47.7%	+/-7.1
RACE AND HISPANIC OR LATINO ORIGIN			
One race	+/-0.7	97.9%	+/-1.6
White	+/-2.4	70.0%	+/-6.5
Black or African American	+/-1.5	14.9%	+/-4.9
American Indian and Alaska Native	+/-0.4	1.2%	+/-1.3
Asian	+/-1.4	9.7%	+/-3.9
Native Hawaiian and Other Pacific Islander	+/-0.1	0.0%	+/-0.6
Some other race	+/-1.1	2.2%	+/-2.0
Two or more races	+/-0.7	2.1%	+/-1.6
Hispanic or Latino origin (of any race)	+/-1.8	11.9%	+/-4.4
White alone, not Hispanic or Latino	+/-2.3	62.3%	+/-7.0
NATIVITY AND CITIZENSHIP STATUS			
Native	+/-2.5	83.4%	+/-5.1
Foreign born	+/-2.5	16.6%	+/-5.1
Naturalized U.S. citizen	+/-1.3	4.0%	+/-2.1
Not a U.S. citizen	+/-2.0	12.5%	+/-4.9
LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH			
Speak language other than English	+/-2.6	22.0%	+/-5.7
Speak English "very well"	+/-1.6	8.6%	+/-4.3
Speak English less than "very well"	+/-2.1	13.4%	+/-4.8
EARNINGS IN THE PAST 12 MONTHS (IN 2016 INFLATION-ADJUSTED DOLLARS) FOR WORKERS			
Workers 16 years and over with earnings	+/-1,275	3,195	+/-418
\$1 to \$9,999 or loss	+/-1.8	29.9%	+/-6.6
\$10,000 to \$14,999	+/-1.3	7.3%	+/-3.1
\$15,000 to \$24,999	+/-1.7	12.8%	+/-3.8
\$25,000 to \$34,999	+/-1.9	15.8%	+/-4.6
\$35,000 to \$49,999	+/-2.1	14.1%	+/-3.7
\$50,000 to \$64,999	+/-1.4	6.6%	+/-3.1
\$65,000 to \$74,999	+/-1.0	8.4%	+/-4.3
\$75,000 or more	+/-1.3	5.0%	+/-2.7
Median earnings (dollars)	+/-2,121	24,968	+/-6,658
POVERTY STATUS IN THE PAST 12 MONTHS			
Workers 16 years and over for whom poverty status is determined	+/-1,265	3,175	+/-421
Below 100 percent of the poverty level	+/-1.5	18.5%	+/-5.6
100 to 149 percent of the poverty level	+/-1.2	12.0%	+/-5.0

Subject	Polk County, Iowa		
	Car, truck, or van -- carpooled	Public transportation (excluding taxicab)	
	Margin of Error	Estimate	Margin of Error
At or above 150 percent of the poverty level	+/-1.8	69.6%	+/-6.5
Workers 16 years and over	+/-1,275	3,195	+/-418
OCCUPATION			
Management, business, science, and arts occupations	+/-2.4	28.9%	+/-5.4
Service occupations	+/-2.1	27.4%	+/-5.6
Sales and office occupations	+/-2.0	26.1%	+/-5.6
Natural resources, construction, and maintenance occupations	+/-1.2	4.3%	+/-3.0
Production, transportation, and material moving occupations	+/-1.9	13.3%	+/-4.5
Military specific occupations	+/-0.1	0.0%	+/-0.6
INDUSTRY			
Agriculture, forestry, fishing and hunting, and mining	+/-0.6	0.7%	+/-0.8
Construction	+/-1.3	6.7%	+/-3.8
Manufacturing	+/-1.6	7.1%	+/-3.6
Wholesale trade	+/-0.5	2.6%	+/-1.9
Retail trade	+/-1.4	11.1%	+/-3.9
Transportation and warehousing, and utilities	+/-0.7	2.4%	+/-1.7
Information and finance and insurance, and real estate and rental and leasing	+/-1.9	19.1%	+/-4.9
Professional, scientific, management, and administrative and waste management services	+/-1.7	6.9%	+/-2.8
Educational services, and health care and social assistance	+/-1.6	19.2%	+/-5.1
Arts, entertainment, and recreation, and accommodation and food services	+/-1.9	18.5%	+/-4.6
Other services (except public administration)	+/-1.1	1.6%	+/-1.1
Public administration	+/-0.7	3.7%	+/-2.2
Armed forces	+/-0.1	0.4%	+/-0.7
CLASS OF WORKER			
Private wage and salary workers	+/-1.6	85.6%	+/-3.8
Government workers	+/-1.2	12.1%	+/-3.9
Self-employed workers in own not incorporated business	+/-1.0	2.3%	+/-1.8
Unpaid family workers	+/-0.1	0.0%	+/-0.6
PLACE OF WORK			
Worked in state of residence	+/-0.2	99.5%	+/-0.6
Worked in county of residence	+/-1.8	93.3%	+/-4.0
Worked outside county of residence	+/-1.8	6.2%	+/-4.0
Worked outside state of residence	+/-0.2	0.5%	+/-0.6
Workers 16 years and over who did not work at home	+/-1,275	3,195	+/-418
TIME LEAVING HOME TO GO TO WORK			
12:00 a.m. to 4:59 a.m.	+/-0.9	4.1%	+/-3.8
5:00 a.m. to 5:29 a.m.	+/-0.8	1.9%	+/-1.6
5:30 a.m. to 5:59 a.m.	+/-1.2	6.3%	+/-3.2
6:00 a.m. to 6:29 a.m.	+/-1.6	20.1%	+/-5.6
6:30 a.m. to 6:59 a.m.	+/-1.8	12.6%	+/-4.2
7:00 a.m. to 7:29 a.m.	+/-2.2	11.7%	+/-3.9
7:30 a.m. to 7:59 a.m.	+/-1.6	6.3%	+/-2.6
8:00 a.m. to 8:29 a.m.	+/-1.5	7.4%	+/-4.1
8:30 a.m. to 8:59 a.m.	+/-1.3	2.8%	+/-2.9
9:00 a.m. to 11:59 p.m.	+/-2.3	26.8%	+/-6.4
TRAVEL TIME TO WORK			

Subject	Polk County, Iowa		
	Car, truck, or van -- carpooled	Public transportation (excluding taxicab)	
	Margin of Error	Estimate	Margin of Error
Less than 10 minutes	+/-1.7	0.9%	+/-0.7
10 to 14 minutes	+/-2.2	7.0%	+/-4.7
15 to 19 minutes	+/-1.8	9.2%	+/-4.4
20 to 24 minutes	+/-1.9	10.1%	+/-3.7
25 to 29 minutes	+/-1.3	8.2%	+/-3.3
30 to 34 minutes	+/-2.1	24.5%	+/-5.8
35 to 44 minutes	+/-0.8	13.6%	+/-4.1
45 to 59 minutes	+/-1.3	7.9%	+/-3.3
60 or more minutes	+/-1.1	18.6%	+/-5.4
Mean travel time to work (minutes)	N	N	N
Workers 16 years and over in households	+/-1,269	3,031	+/-418
HOUSING TENURE			
Owner-occupied housing units	+/-3.1	39.1%	+/-5.8
Renter-occupied housing units	+/-3.1	60.9%	+/-5.8
VEHICLES AVAILABLE			
No vehicle available	+/-1.1	31.4%	+/-6.8
1 vehicle available	+/-2.2	29.7%	+/-6.5
2 vehicles available	+/-2.9	25.7%	+/-6.6
3 or more vehicles available	+/-2.4	13.3%	+/-4.0
PERCENT ALLOCATED			
Means of transportation to work	(X)	(X)	(X)
Time leaving home to go to work	(X)	(X)	(X)
Travel time to work	(X)	(X)	(X)
Vehicles available	(X)	(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.

Foreign born excludes people born outside the United States to a parent who is a U.S. citizen.

Methodological changes to data collection in 2013 may have affected language data for 2013. Users should be aware of these changes when using 2013 data or multi-year data containing data from 2013. For more information, see: Language User Note.

Workers include members of the Armed Forces and civilians who were at work last week.

Occupation codes are 4-digit codes and are based on Standard Occupational Classification 2010.

Industry codes are 4-digit codes and are based on the North American Industry Classification System (NAICS). The Census industry codes for 2013 and later years are based on the 2012 revision of the NAICS. To allow for the creation of 2012-2016 tables, industry data in the multiyear files (2012-2016) were recoded to 2013 Census industry codes. We recommend using caution when comparing data coded using 2013 Census industry codes with data coded using Census industry codes prior to 2013. For more information on the Census industry code changes, please visit our website at <https://www.census.gov/people/io/methodology/>.

When information is missing or inconsistent, the Census Bureau logically assigns an acceptable value using the response to a related question or questions. If a logical assignment is not possible, data are filled using a statistical process called allocation, which uses a similar individual or household to provide a donor value. The "Allocated" section is the number of respondents who received an allocated value for a particular subject.

While the 2012-2016 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 population, 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.

Source: U.S. Census Bureau, 2012-2016 American Community Survey 5-Year Estimates

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.