

AVONDALE-GOODYEAR URBANIZED AREA FUNDING APPLICATION

Due: April 4th, 2019 by 10am

(Please note; match rate is 80%/20%, local match may exceed 20%)

Name of Project:

Yuma Road and Watson Road Bus Shelters

Lead Agency Project Contact Information:

Primary: John Willett; City of Buckeye; 623-349-6282; jwillett@buckeyeaz.gov

Secondary: Sean Banda; City of Buckeye; 623-349-6215; sbanda@buckeyeaz.gov

Partnering Agencies (if any):

Valley Metro

Projected Start Date (with pre-award authority):

The procurement would begin July 1, 2019, followed by the installation.

Projected Completion Date (final draw- down):

The installation should be completed within 12 months – June 30, 2020.

Project Funding Category:

	Funding Category	Preferred Programming Year
	Design	
X	Construction	FY – 2019/2020
	Planning Study	
	Transit Security	

Please provide a short narrative. Be specific about how you plan to utilize the funding if awarded and what year(s) you are requesting funding for. Include in the description the significance of the project to the participating agency(s).

The City of Buckeye would like to procure and install bus shelters at the northwest and southeast corners of Yuma Road and Watson Road

There is little shade at the existing bus stops. At both locations riders were seen sitting a distance from the stops in the landscaped areas under trees. In talking to a gentleman on the SEC of Watson/Yuma, he takes the bus every day (WB in the morning and EB in the afternoon). Others ride the same afternoon route and a shade shelter would be very much appreciated.

- NWC of Watson/Yuma (WB direction) – some additional concrete will be required to install a pad for a shelter as the area adjacent to the curb is the concrete cover for a curb inlet catch basin and should not have anything constructed into or onto it. In addition some adjusting of the sidewalk around the shelter will be required, which will need a little wall to hold back the existing up slope at the back of the sidewalk. \$8,000 as a construction cost for pad (and wall) should be OK (\$3,000 for pad, \$1,500 for wall,

\$2,500 for sidewalk and \$1,000 contingency). It could be more if outside contractor does the work (small project). Shelter cost estimated at \$10-12,000

- SEC of Watson/Yuma (EB direction) – There is a nice existing paver pad that would only require a bench and shelter. Shelter cost estimated at \$10-12,000
- If projects are designed together, external design cost would be approximately \$8,000. If designed separately, it would be about \$10,000 (\$7,500 for NWC and \$2,500 for SEC).

Funding for the local match is intended to come from Buckeye's allotment of Arizona Lottery Funds (ALF) which the City has already obtained.

Location(s) of Project. Please attach a photograph of the existing condition.



Vicinity Map-Yuma and Watson



SEC Yuma and Watson



NWC Yuma and Watson

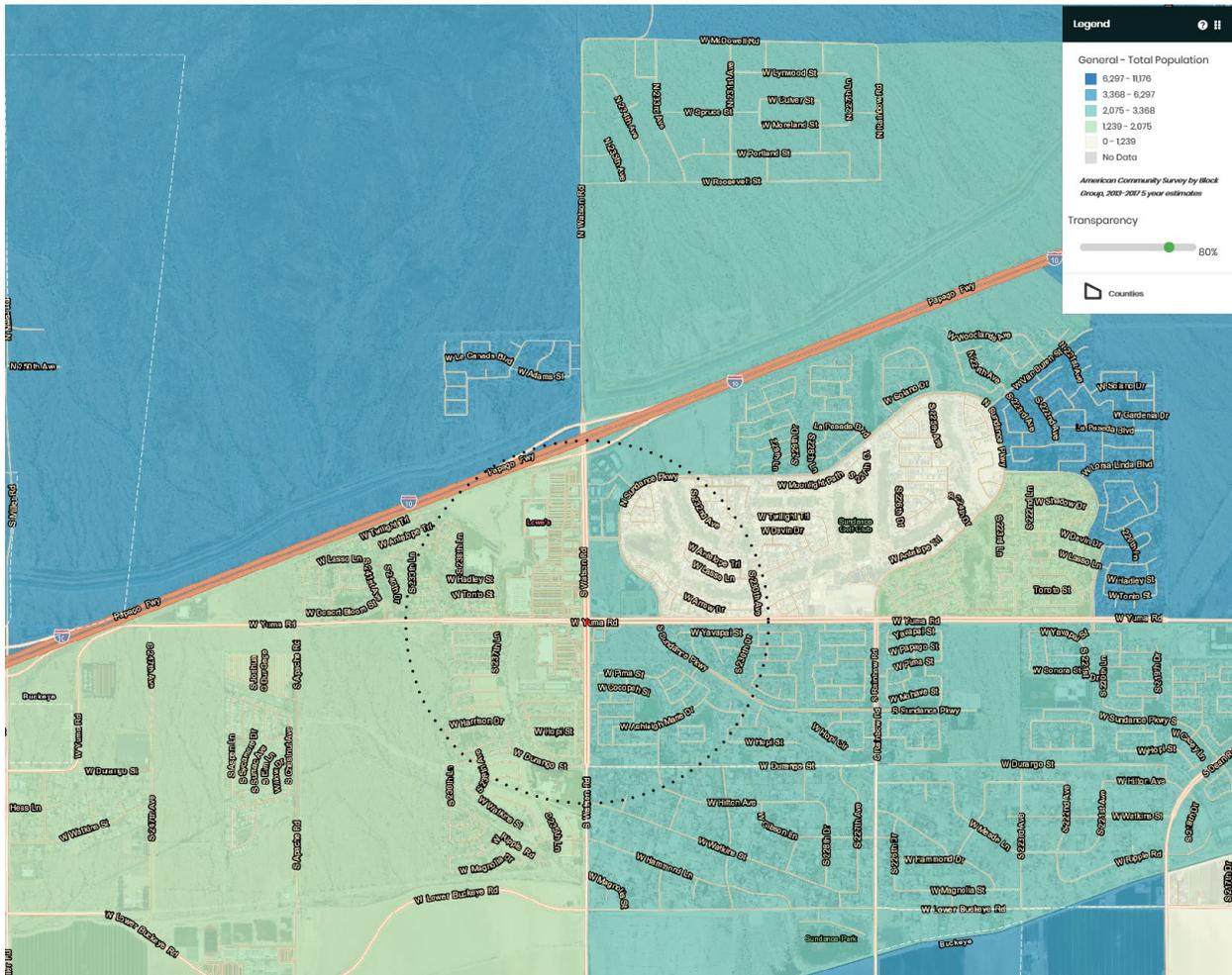


Riders Waiting for 685 on the NWC of Yuma and Watson

Ridership Information:

Location	Ridership	Routes Served	Date
Yuma and Watson	NA	685 Rural Route	2001 - Current

Demographic Information: [MAG Demographic Mapping](#)



Route(s)	Percentage of Minority Persons	Percentage of Persons with income below poverty level	Percentage of Families with income below poverty level	Percentage of housing units with no vehicle available
Maricopa County Average	43.1%	16.5%	12.1%	6.6%
15,369 Pop	43.31%	10.4%	8.9%	1.1%

MAG Demographic Viewer Instructions: Use the "MAG Demographic Mapping" link above.

1. Zoom in to your project area. On the right-hand side of the screen, under "Reports," select "Custom Summary."
2. Next, select "Corridor of Interest."
3. Left-click to begin drawing. Draw a line along the bus route that corresponds to your project, left-clicking where needed to change the direction of the line (note: you may need to do this multiple times if improvements are proposed along multiple routes).
4. Double-click to finish drawing the line. The selected census blocks will become highlighted in blue. A pop-up box will appear with "Report Results for Selected Block Groups."

Select the "ACS 2016 Data" tab, and use the data found there. You may export the results to Excel (click the Excel icon at the top-right side of the pop-up window) for your records.

Select the "ACS 2016 Data" tab, and use the data found there. You may export the results to Excel (click the Excel icon at the top-right side of the pop-up window) for your records.

Cost Summary:

Description	Source	Amount
Procurement of Bus Shelters	MAG UZA and ALF	\$32,000
Total Estimated Cost of Project		\$32,000
Local Match Amount (20%, if more indicate ___ %)		\$6,400 ALF Funds
Amount Requested (80%)		\$25,600

Authorizing Signature (Transportation Director or Above):



Print Name: Roger Klingler

Print Title: City manager

Date: 4/4/19

Staff Section

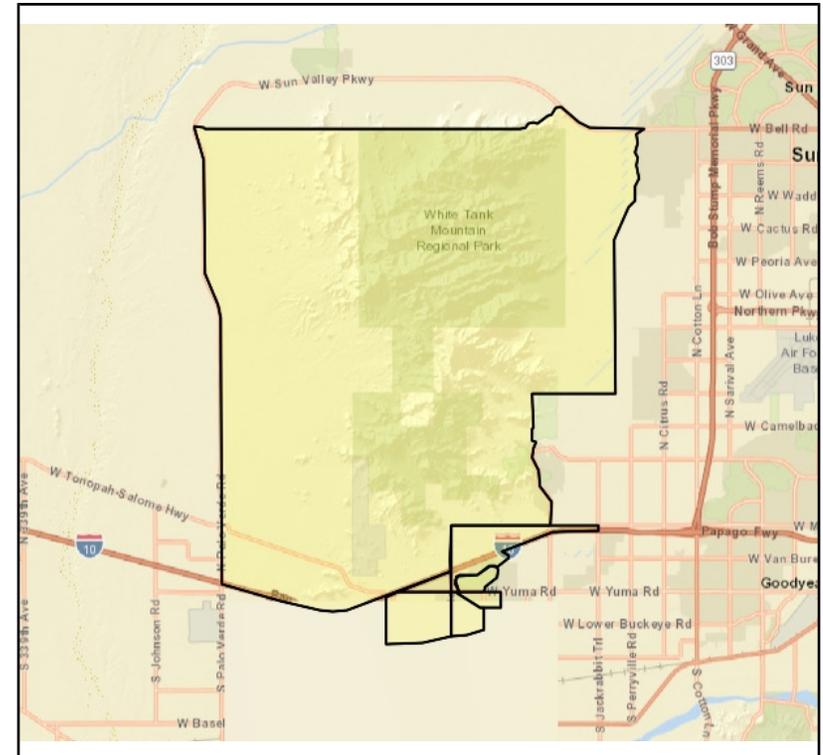
Date Submitted:

Date MAG Regional Council Approved:

Selected Block Groups Demographic Report

Selected Block Groups has a population of **15,369** with a minority* population of **6,657** or **43.31%**.

Selected Block Groups has **4,732** total households.



About the U.S. Census Bureau's 2013-2017 American Community Survey 5 year Estimates

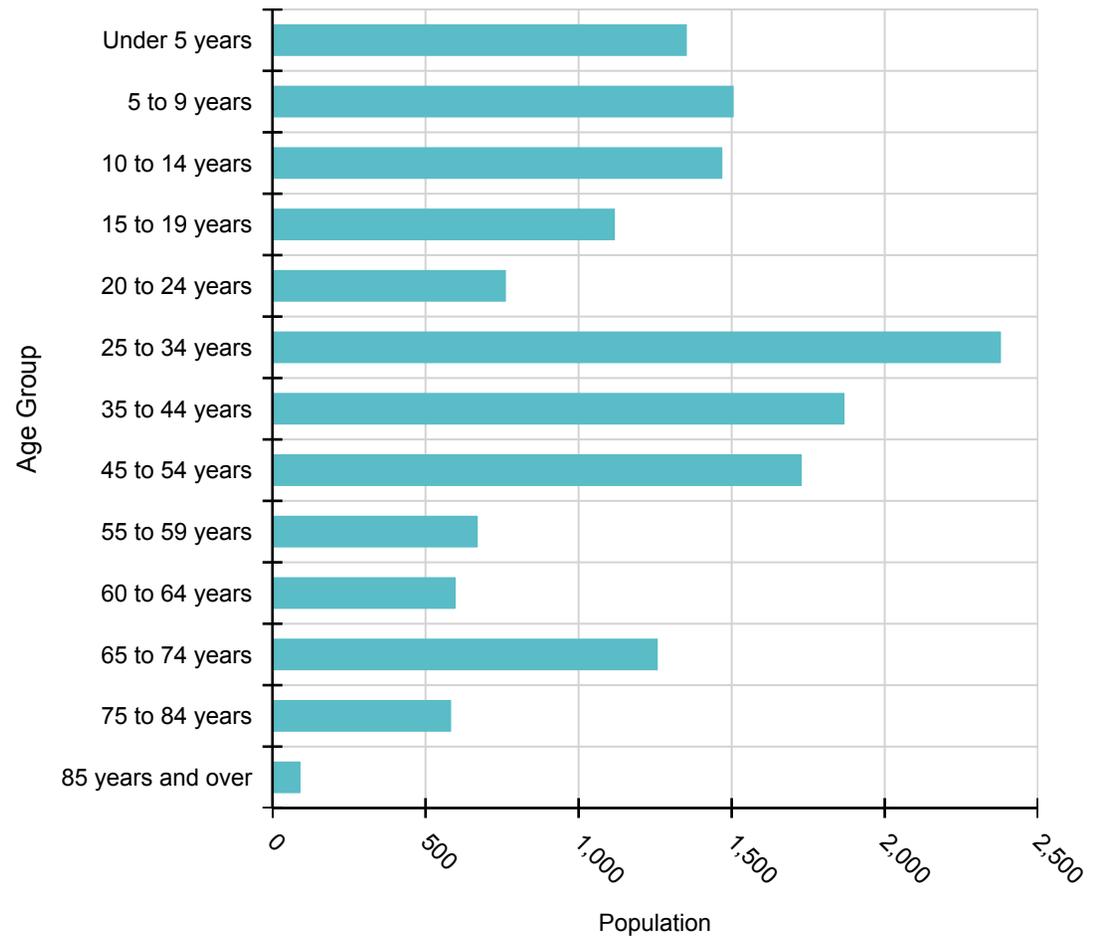
The American Community Survey (ACS) is a nationwide survey that uses continuous, multi-year sampling to produce estimates for a variety of geographical areas, the smallest being the Census Block Group. MAG uses the 5-year estimates because they provide increased statistical reliability for less populated areas and small population groups. ACS is a sample, meaning that it is not a full census of the population. For the 5 year estimates, surveys are collected from a sample population over the 5 year period. These surveys are then used to create estimates for the whole population. And, because it is an estimate of the whole population, there is a degree of uncertainty in the results. This degree of uncertainty is reflected in the margins of error that are calculated and reported along with the results of the survey. The margins of error are calculated at the 90 percent confidence level, meaning that users of the data can be 90 percent confident that the range reflected in the margin of error contains the true value. The margins of error are not reported on this web site, but are available from the Census at <http://factfinder.census.gov/> or are available upon request from MAG. More information on the methodology of the American Community Survey is available at <http://www.census.gov/acs/>.

* Minority population is defined as the population that is of any race other than non-hispanic white.

American Community Survey 2013-2017 5yr Estimates

Age		
Name	Total	Percent
Total	15,369	N/A
Under 5 years	1,352	8.8 %
5 to 9 years	1,505	9.8 %
10 to 14 years	1,468	9.6 %
15 to 19 years	1,117	7.3 %
20 to 24 years	761	5.0 %
25 to 34 years	2,378	15.5 %
35 to 44 years	1,867	12.1 %
45 to 54 years	1,727	11.2 %
55 to 59 years	669	4.4 %
60 to 64 years	596	3.9 %
65 to 74 years	1,257	8.2 %
75 to 84 years	582	3.8 %
85 years and over	90	0.6 %

Universe: Total Population

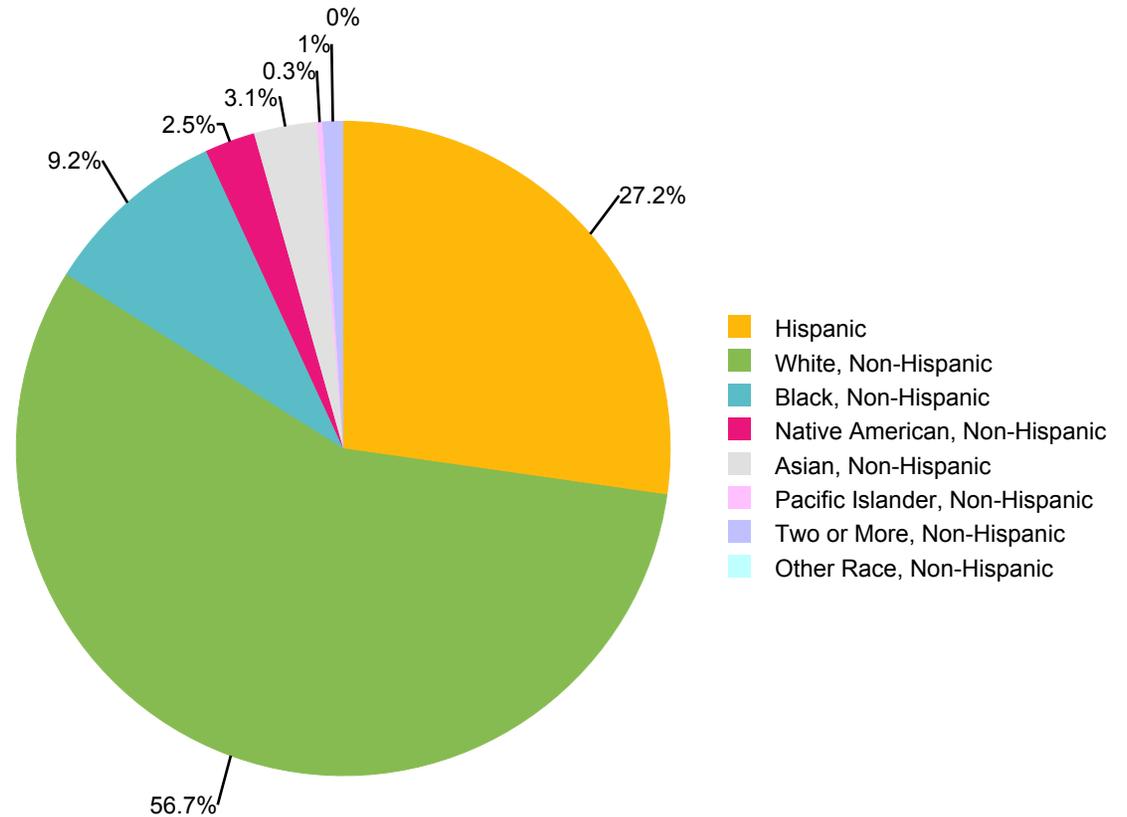


Race and Ethnicity

American Community Survey 2013-2017 5yr Estimates

Race and Ethnicity		
Name	Total	Percent
Total	15,369	N/A
Hispanic	4,188	27.2 %
White, Non-Hispanic	8,712	56.7 %
Black, Non-Hispanic	1,411	9.2 %
Native American, Non-Hispanic	382	2.5 %
Asian, Non-Hispanic	478	3.1 %
Pacific Islander, Non-Hispanic	41	0.3 %
Two or More, Non-Hispanic	157	1.0 %
Other Race, Non-Hispanic	0	0.0 %

Universe: Total Population

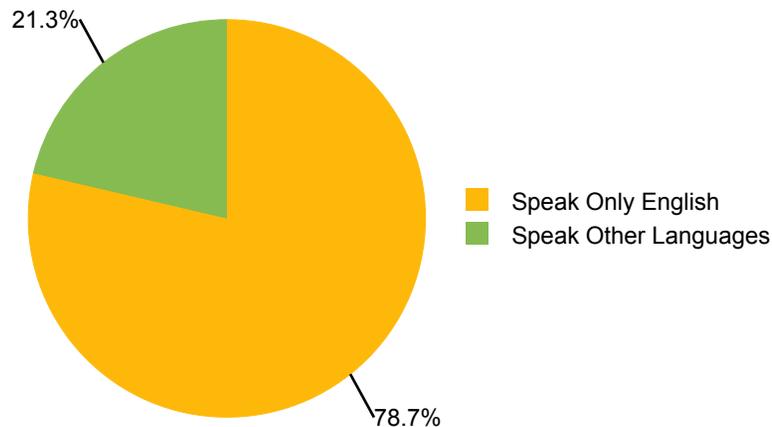


Ability to Speak English / Veterans Status by Age

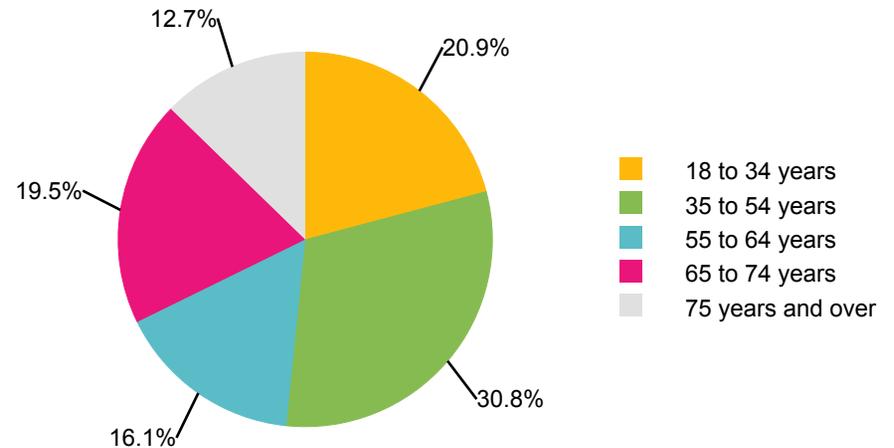
American Community Survey 2013-2017 5yr Estimates

Ability to Speak English		
Name	Total	Percent
Speak Only English	11,025	78.7 %
Speak Other Languages	2,992	21.3 %
Speak English "very well"	2,003	N/A
Persons with Limited English Proficiency (LEP)	989	N/A
Speak English "well"	572	N/A
Speak English "not well"	280	N/A
Speak English "not at all"	137	N/A

Veterans Status		
Name	Total	Percent
Civilian Population 18 years and over	10,373	N/A
Civilian veterans	1,265	12.2 %
Male	1,128	N/A
Female	137	N/A
18 to 34 years	264	20.9 %
35 to 54 years	389	30.8 %
55 to 64 years	204	16.1 %
65 to 74 years	247	19.5 %
75 years and over	161	12.7 %



Universe: Population 5 years and over



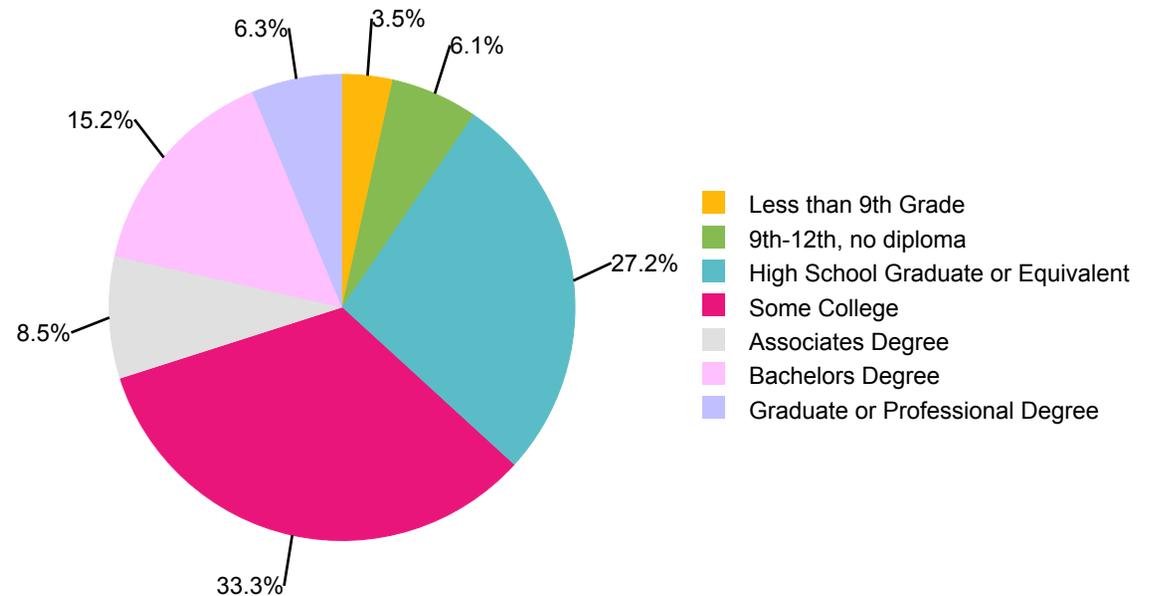
Universe: Civilian Population 18 years and over

Educational Attainment

American Community Survey 2013-2017 5yr Estimates

Educational Attainment		
Name	Total	Percent
Population 25 and over	9,166	100.0 %
Less than 9th Grade	320	3.5 %
9th-12th, no diploma	555	6.1 %
High School Graduate or Equivalent	2,497	27.2 %
Some College	3,051	33.3 %
Associates Degree	776	8.5 %
Bachelors Degree	1,390	15.2 %
Graduate or Professional Degree	577	6.3 %

Universe: Population Age 25 Years and Over



Household Income and Households

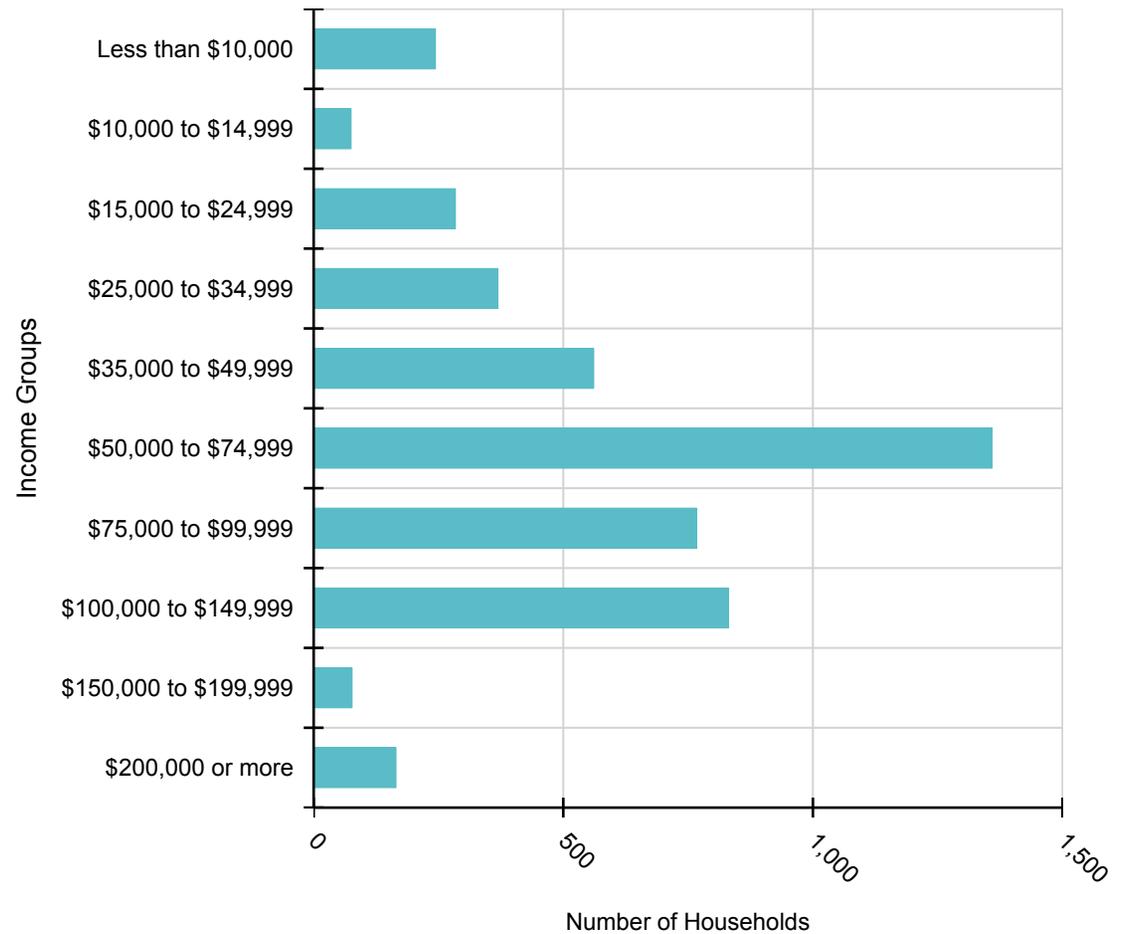
American Community Survey 2013-2017 5yr Estimates

Household Income (In 2017 inflation-adjusted dollars)		
Name	Total	Percent
Total Households	4,732	N/A
Median Household Income	\$	N/A
Less than \$10,000	244	5.2 %
\$10,000 to \$14,999	75	1.6 %
\$15,000 to \$24,999	284	6.0 %
\$25,000 to \$34,999	369	7.8 %
\$35,000 to \$49,999	561	11.9 %
\$50,000 to \$74,999	1,359	28.7 %
\$75,000 to \$99,999	767	16.2 %
\$100,000 to \$149,999	831	17.6 %
\$150,000 to \$199,999	77	1.6 %
\$200,000 or more	165	3.5 %

Universe: Households

Households		
Name	Total	Percent
Total Households	4,732	N/A
Average Household Size	22	N/A
Family Households (Families)	3,913	82.7 %
Married-couple family	2,990	N/A
Female Householder, no husband present	666	N/A
with own children under 18 years	447	N/A
Nonfamily Households	819	17.3 %
Householder living alone	627	N/A

Universe: Households



Poverty Status

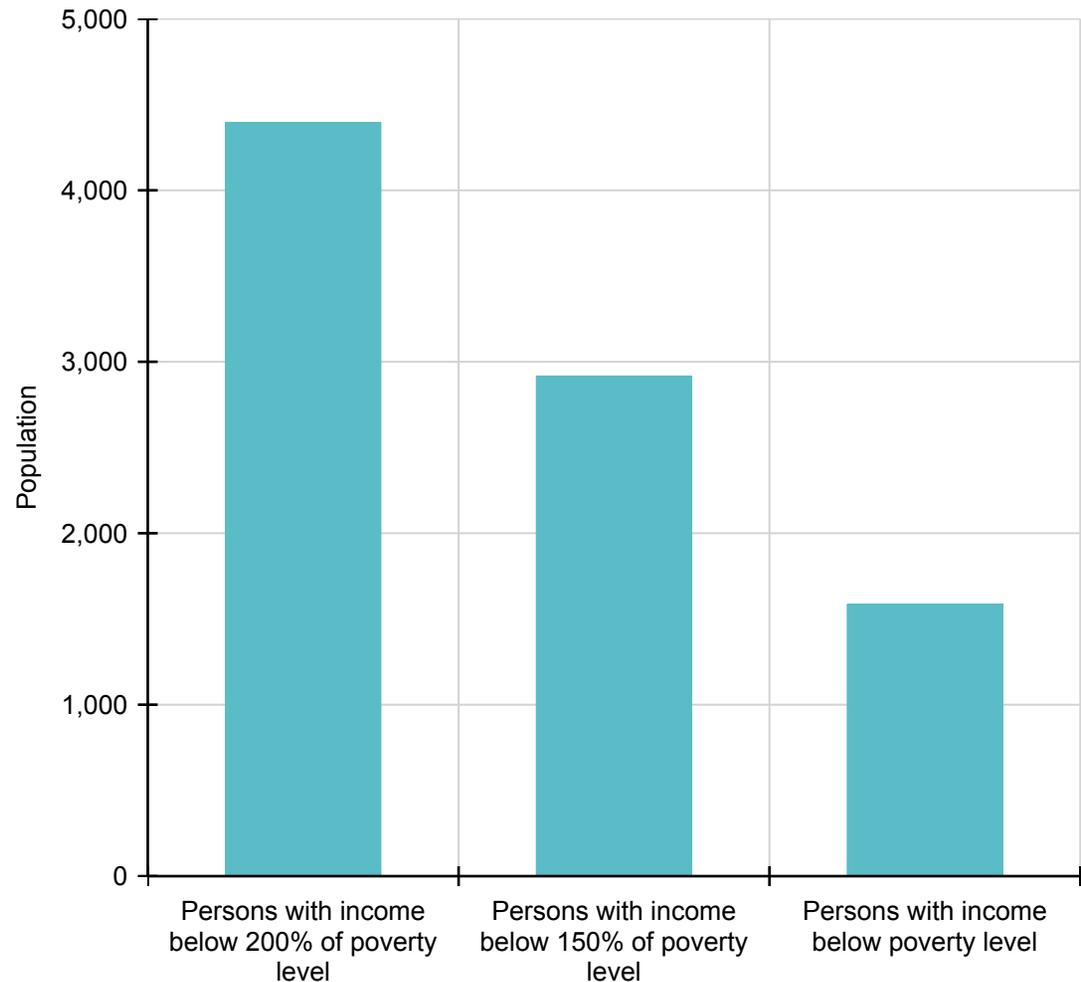
American Community Survey 2013-2017 5yr Estimates

Poverty Status in the Past 12 Months		
Name	Total	Percent
Persons for whom poverty status is determined	15,296	N/A
Persons with income below poverty level	1,585	10.4 %
Persons with income below 150% of poverty level	2,917	19.1 %
Persons with income below 200% of poverty level	4,394	28.7 %

Universe: Persons for whom poverty status is determined

Poverty Status for Families in the Past 12 Months		
Name	Total	Percent
Total Families	3,913	N/A
Families with income below poverty level	347	8.9 %
Married-couple family	164	N/A
with related children under 18 years	55	N/A
Female householder, no husband present	174	N/A
with related children under 18 years	157	N/A
Male householder, no wife present	9	N/A
with related children under 18 years	0	N/A

Universe: Families

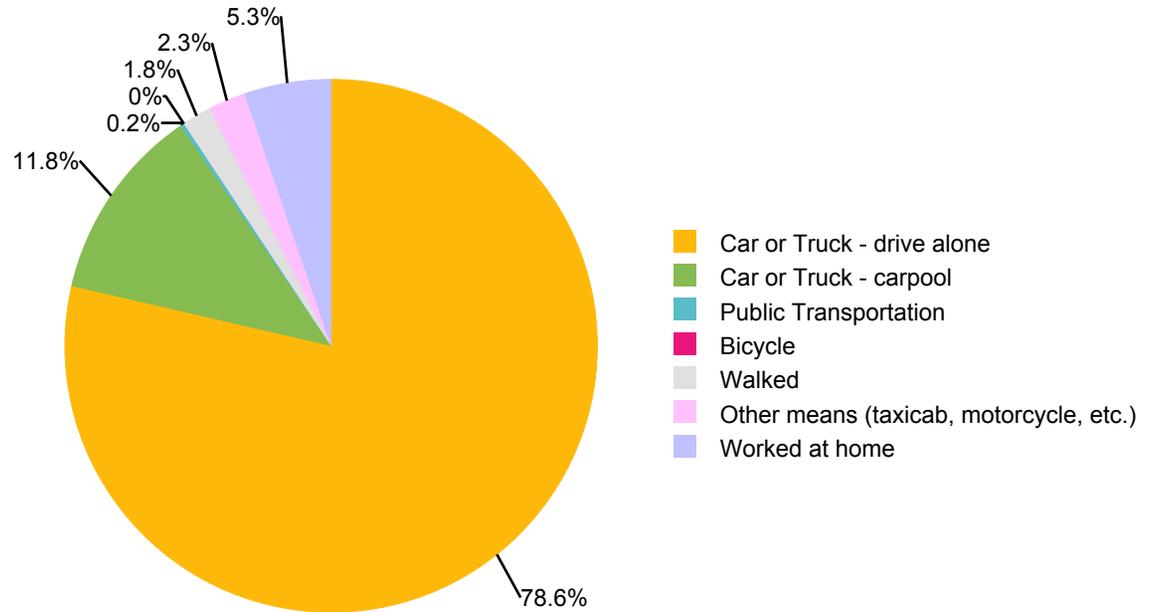


Modes of Transportation

American Community Survey 2013-2017 5yr Estimates

Commuting to Work		
Name	Total	Percent
Workers 16 years and over	6,480	N/A
Car or Truck - drive alone	5,094	78.6 %
Car or Truck - carpool	767	11.8 %
Public Transportation	15	0.2 %
Bicycle	0	0.0 %
Walked	116	1.8 %
Other means (taxicab, motorcycle, etc.)	146	2.3 %
Worked at home	342	5.3 %

Universe: Workers age 16 years and over

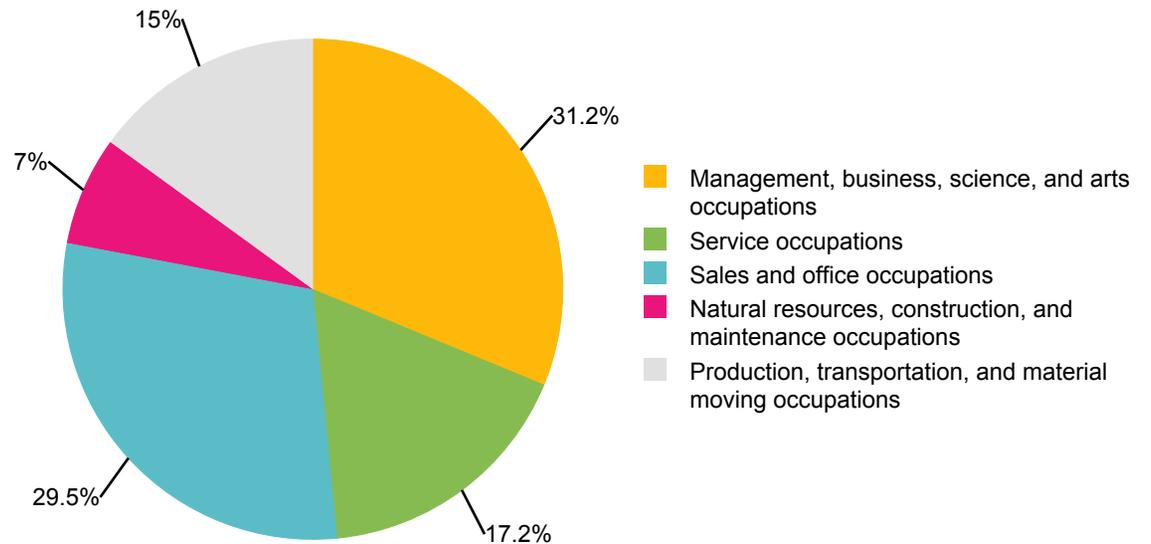


Occupation

American Community Survey 2013-2017 5yr Estimates

Occupation		
Name	Total	Percent
Civilian employed population 16 years and over	6,506	N/A
Management, business, science, and arts occupations	2,032	31.2 %
Service occupations	1,120	17.2 %
Sales and office occupations	1,921	29.5 %
Natural resources, construction, and maintenance occupations	457	7.0 %
Production, transportation, and material moving occupations	976	15.0 %

Universe: Civilian employed population 16 years and over



Occupancy, Tenure, Value, and Rent

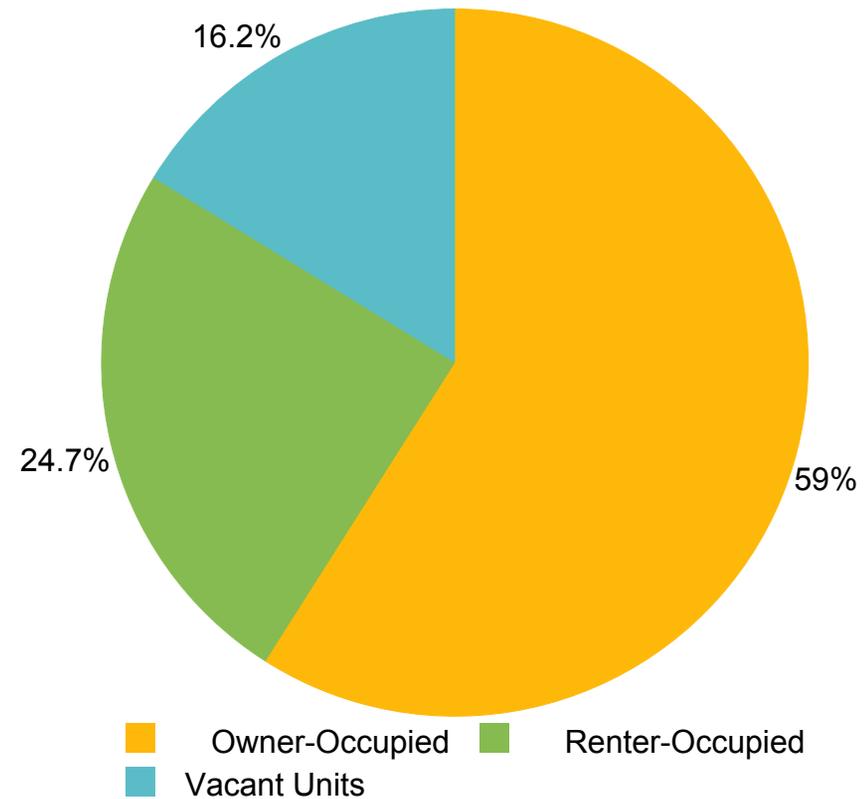
American Community Survey 2013-2017 5yr Estimates

Housing			
Name	Total	Percent	Per Sq Mile
Housing Units	5,650	N/A	34.5
Occupied Housing Units	4,732	83.8 %	28.9
Owner-Occupied	3,334	59.0 %	20.4
Renter-Occupied	1,398	24.7 %	8.5
Vacant Units	918	16.2 %	5.6
Median Housing Value	\$	N/A	N/A
Median Rent	\$	N/A	N/A

Universe: Housing Units

Housing		
Name	Total	Percent
Total Housing Units	5,650	N/A
1, detached	5,320	94.2 %
1, attached	32	0.6 %
2 to 9	0	0.0 %
10 or more	55	1.0 %
Mobile Home	243	4.3 %
Boat, RV, van, etc.	0	0.0 %

Universe: Housing Units

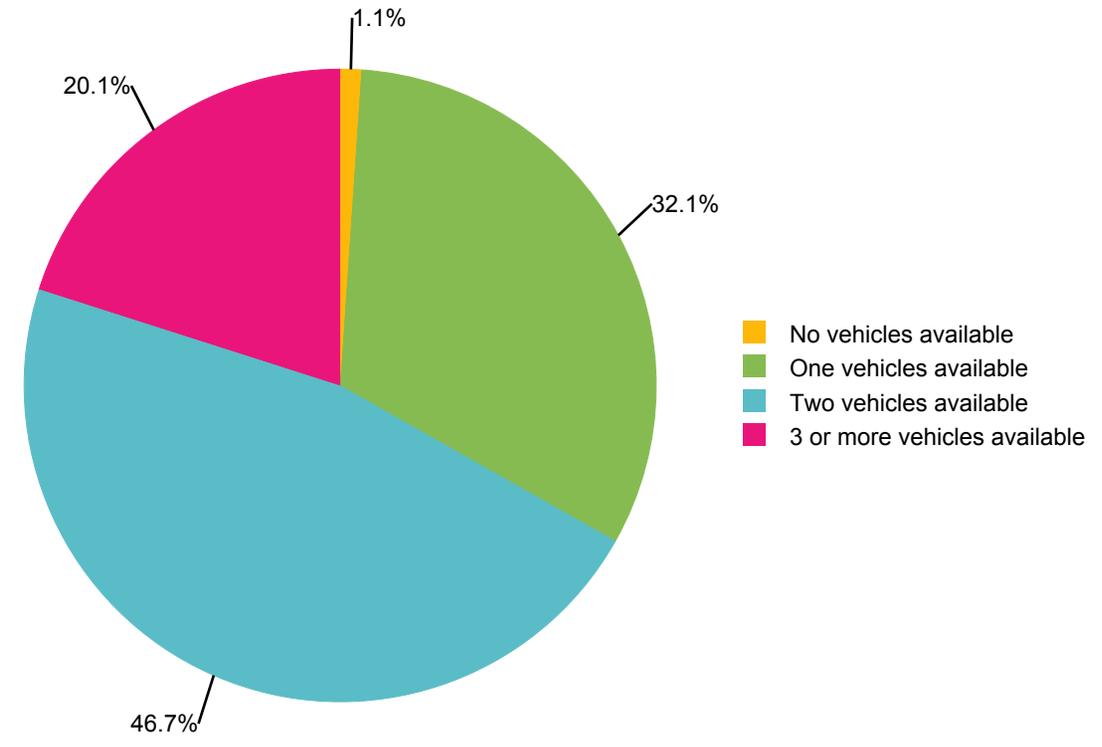


Vehicles Available

American Community Survey 2013-2017 5yr Estimates

Vehicles Available		
Name	Total	Percent
Total Occupied Housing Units	4,732	N/A
No vehicles available	51	1.1 %
One vehicles available	1,519	32.1 %
Two vehicles available	2,212	46.7 %
3 or more vehicles available	950	20.1 %

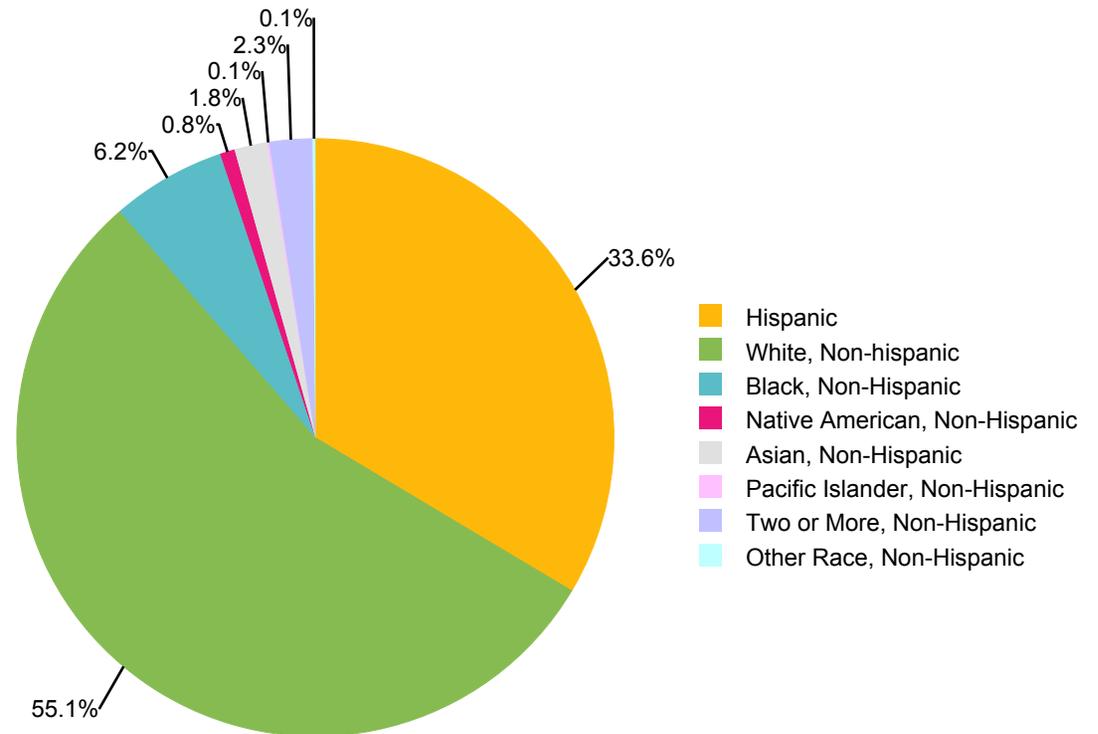
Universe: Occupied Housing Units



U.S. Census Bureau, 2010 Decennial Census

Race		
Name	Total	Percent
Total Population	12,566	N/A
Hispanic	4,217	33.6 %
White, Non-hispanic	6,922	55.1 %
Black, Non-Hispanic	779	6.2 %
Native American, Non-Hispanic	100	0.8 %
Asian, Non-Hispanic	224	1.8 %
Pacific Islander, Non-Hispanic	13	0.1 %
Two or More, Non-Hispanic	293	2.3 %
Other Race, Non-Hispanic	18	0.1 %

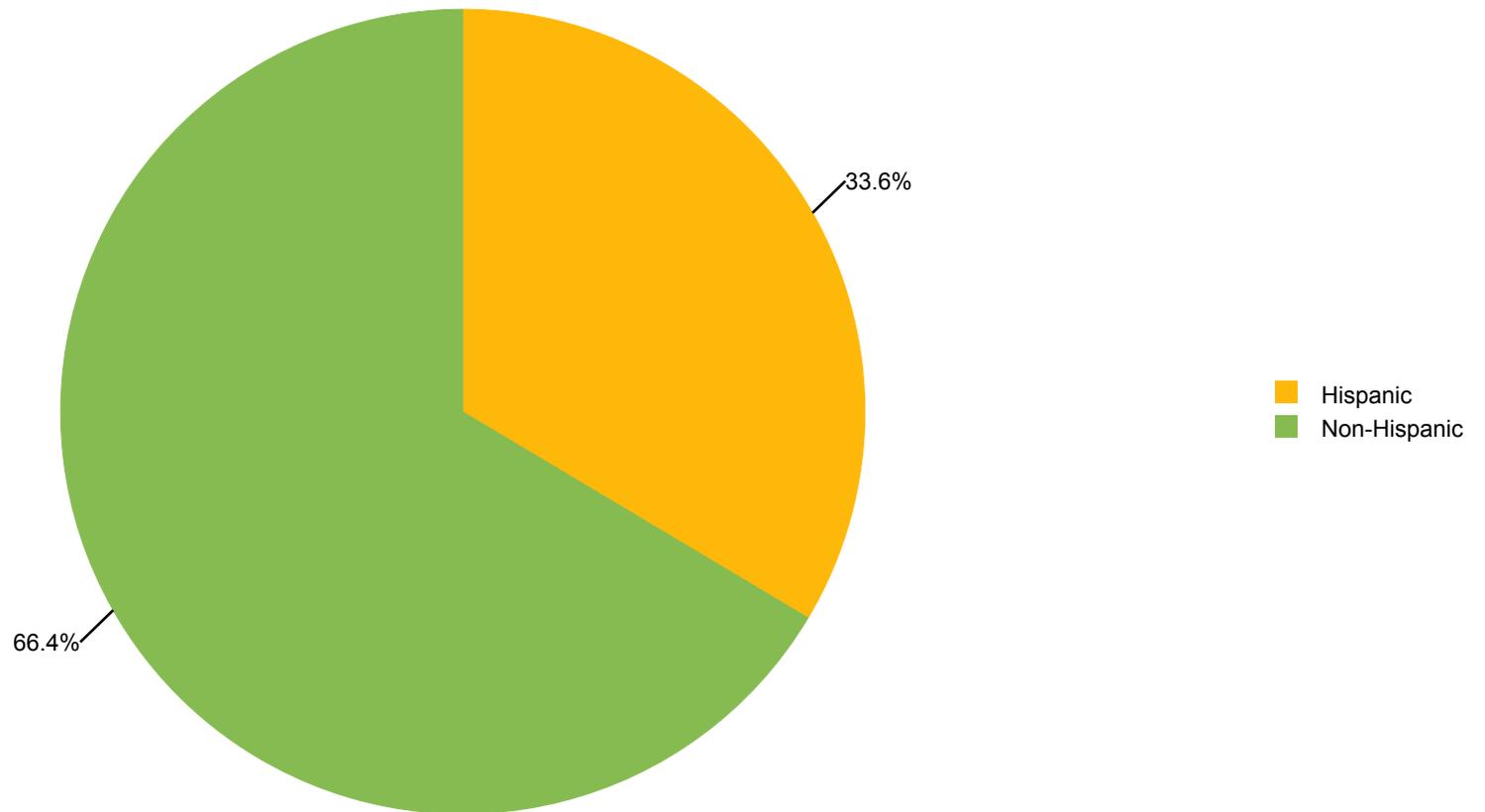
Universe: Total Population



U.S. Census Bureau, 2010 Decennial Census

Ethnicity		
Name	Total	Percent
Total Population	12,566	N/A
Hispanic	4,217	33.6 %
Non-Hispanic	8,349	66.4 %

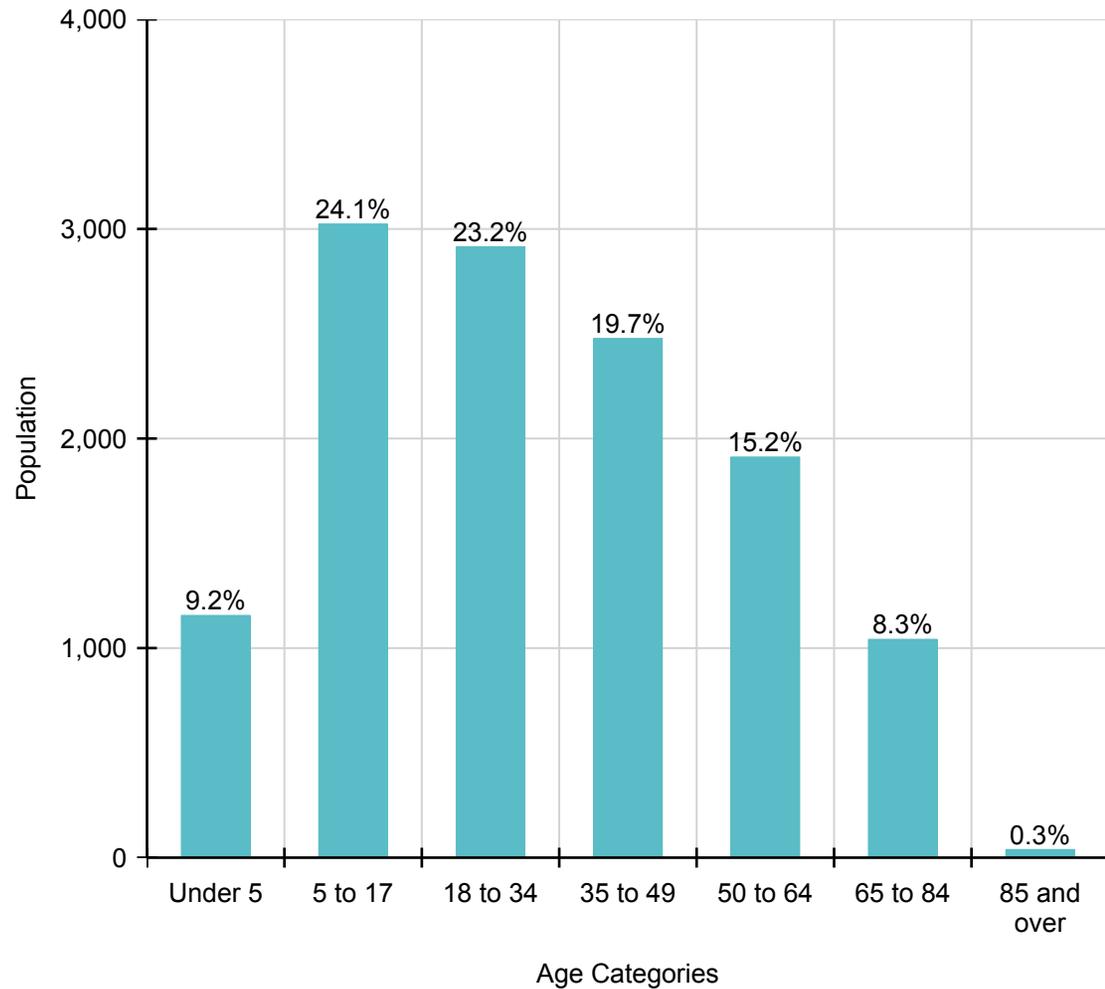
Universe: Total Population



U.S. Census Bureau, 2010 Decennial Census

Age		
Name	Total	Percent
Median Age		N/A
Under 05	1,156	9.2 %
5 to 17	3,024	24.1 %
18 to 34	2,915	23.2 %
35 to 49	2,478	19.7 %
50 to 64	1,912	15.2 %
65 to 84	1,042	8.3 %
85 and over	39	0.3 %
50 Plus	2,993	23.8 %
60 Plus	1,707	13.6 %
65 Plus	1,081	8.6 %
70 Plus	527	4.2 %
75 Plus	247	2.0 %

Universe: Total Population



MAG provides the data within these pages as a public resource of general information for use "as is." MAG provides this information with the understanding that it is not guaranteed to be accurate, correct or complete and any conclusions drawn from such information are the sole responsibility of the user. Further, MAG makes no warranty, representation or guaranty as to the content, sequence, accuracy, timeliness, or completeness of any of the spatial or database information provided herein. While every effort has been made to ensure the content, sequence, accuracy, timeliness, or completeness of materials presented within these pages, MAG assumes no responsibility for errors or omissions, and explicitly disclaims any representations and warranties, including, without limitation, the implied warranties of merchantability and fitness for a particular purpose. MAG shall assume no liability for:

Any errors, omissions, or inaccuracies in the information provided, regardless of how caused; or
Any decision made or action taken or not taken by viewer in reliance upon any information or data furnished hereunder.

Availability of MAG Map Server is not guaranteed. Applications, servers, and network connections may be unavailable at any time for maintenance or unscheduled outages. Outages may be of long duration. Users are cautioned to create dependencies on these services for critical needs.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND/OR ANY OTHER TYPE WHETHER EXPRESSED OR IMPLIED. In no event shall MAG become liable to users of these data, or any other party, for any loss or direct, indirect, special, incidental or consequential damages, including, but not limited to, time, money or goodwill, arising from the use or modification of the data.

To assist MAG in the maintenance and/or correction of the data, users should provide MAG with information concerning errors or discrepancies found in using the data. Please use the e-mail contact address at the bottom of the affected web page.

Please acknowledge the Maricopa Association of Governments as the source when Map Server data are used in the preparation of reports, papers, publications, maps, or other products.

To provide comments or report problems please contact: [Jason Howard, GIS Program Manager](#)