

City of Boulder Police Department

1805 33RD STREET • BOULDER, COLORADO 80301 • (303) 441-3300 • FAX (303) 441-4330

To: Chief Greg Testa

From: Commander Kerry Yamaguchi

Date: March 10, 2015

Re: Arrest and Citation Data for 2012, 2013 and 2014

In December 2014, Chief Greg Testa requested information regarding Boulder Police Department arrests and citations for the years 2012 through 2014. Using the collected data, the following observations were made.

Executive Summary

Trust and accountability between law enforcement agencies and the communities they protect and serve is essential. The Boulder Police Department believes these tenets are the foundation for the services we provide to our community.

Community policing is a philosophy that we embrace as an organization, including organizational strategies that develop and promote community partnerships and problem solving methods to proactively address and prevent crime, the fear of crime, and quality of life issues.

The core mission of the Boulder Police Department is to work with the community of Boulder to provide a safe and secure city through education, enforcement and investigative services. Our employees accomplish this mission through enforcing laws and preserving public safety and order; reducing crime and disorder through prevention and intervention; and responding to community needs through partnerships and joint problem-solving.

Boulder is a community of approximately 103,000 residents, and the home of the University of Colorado. During a typical weekday, the population increases to around 150,000. The racial and ethnic demographics of the increased daytime population are unknown. It is difficult to determine what affect this increased population has on the overall arrest and citation data.

The police department receives about 60,000 calls for service a year. When coupled with another 30,000 officer-initiated events, officers respond to approximately 90,000 calls annually. In most of those calls, officers meet community members and determine what action, if any, should be taken. Between 2012 and 2014, the department made 9,253 arrests. Approximately half of all arrests are mandatory arrests, where officers do not have discretion in making the arrest. During the same time period, the department issued 59,240 citations.

The Boulder Police Department has examined arrest reports and citations issued for the years 2012, 2013 and 2014. This report will provide statistical information on how the Boulder Police Department enforces the law through arrests and the issuance of citations. Arrest percentages are higher for all races, except Asian, and including Hispanic or Latino heritage, as compared to the residential racial and ethnic demographic information. Overall, the percentage of citations issued, as compared to the racial and ethnic demographic information, is analogous.

Terms Used

When compiling the data, I used the following terms or definitions.

Arrest Reports that indicated that the person

arrested was taken to the jail (Boulder

County) and booked/lodged or

booked/released. The arrestee may have been issued a citation/summons as a

result of the arrest.

Citation or Summons For charges involving only municipal,

petty, or misdemeanor violations, officers have, based upon some written

direction, discretion to issue a citation/summons only or to make a

custodial arrest.

Race Along with a long list of other data

elements, arresting officers are required to record an arrestee's race as part of the report writing process and when issuing

citations.

Ethnicity The US Census Bureau recognizes two

ethnic categories, which are "Hispanic or Latino" and "Not Hispanic or Latino". The two ethnicity categories are separate and independent of race. Likewise, officers record these two ethnicity categories in arrests and

citations/summonses.

City of Boulder Demographic Information

The **2012** American Community Survey (1-year estimates), a program run by the US Census Bureau, provided the following information for the City of Boulder (see Table 1):

• Total population 101,812

Race

- 89.9% (91,562) White (alone)
- 1.3% (1,352) Black or African-American (alone)
- 0.1% (93) American Indian and Alaskan Native (alone)
- 3.7% (3,762) Asian (alone)
- 0.02% (19) Native Hawaiian and Other Pacific Islander (alone)
- 2.2% (2,198) Other (alone)
- 2.8% (2,862) Two or More Races

The US Census Bureau records two ethnicities: Hispanic or Latino and not Hispanic or Latino. Since the ethnicities include all races, ethnicity and race should be looked at independently. According to the **2012** American Community Survey (1-year estimates), the following ethnicity information was collected for Boulder (see Table 1):

Ethnicity

• 8.8% (8,923) Hispanic or Latino (may include multiple races)

According to the **2013** American Community Survey (1-year estimates), the following racial demographic information was estimated for the City of Boulder as follows (see Table 1):

• Total population 103,163

Race

- 89.9% (92,788) White (alone)
- 0.9% (959) Black or African-American (alone)
- 0.4% (406) American Indian and Alaskan Native (alone)
- 4.9% (5,003) Asian (alone)
- 0.04% (42) Native Hawaiian and Other Pacific Islander (alone)
- 1.1% (1,112) Other (alone)
- 2.8 % (2,853) Two or More Races

City of Boulder Demographic Information (continued)

According to the **2013** American Community Survey (1-year estimates), the following ethnicity information was collected for Boulder (see Table 1):

Ethnicity

• 6.5% (6,731) Hispanic or Latino (may include multiple races)

The changes from **2012** to **2013** in the above surveys are as follows (see Table 1):

• Total population +1.3% (+1,351)

Race

- +1.3% (+1,226) White (alone)
- -29.1% (-393) Black or African-American (alone)
- +336.6% (+313) American Indian and Alaskan Native (alone)
- +34.3% (+1,277) Asian (alone)
- +121.1% (+23) Native Hawaiian and Other Pacific Islander (alone)
- -49.4% (-1,086) Other (alone)
- -0.3% (-9) Two or More Races

Ethnicity

• -24.6% (-2,192) Hispanic or Latino (may include multiple races)

Survey results for 2014 were not available at the time of this document's completion. Please see the complete survey information at the end of this report.

As part of this study, we contacted two of the primary Boulder homeless service providers, The Boulder Shelter for the Homeless and the Bridge House. They reported the following regarding the clients they assisted in **2014** (see Table 2). Please note that both agencies appeared to have defined those of Hispanic or Latino origin as a race rather than an ethnicity.

Boulder Shelter for the Homeless

Total Clients Served 1,230

Race & Ethnicity

- 78.05% White
- 10.08% African-American
- 6.10% Hispanic
- 2.28% Native American
- 0.41% Asian
- 1.63% Other
- 1.46% Unknown

City of Boulder Demographic Information (continued)

Bridge House

• Total Clients Served – not provided

Race & Ethnicity

- 64% Caucasian
- 8% African-American
- 10% Latino
- 8% Mixed
- 5% American Indian
- 1% Asian
- 4% Other

Boulder Police Department Demographic Information

At the end of 2014, the Boulder Police Department total staffing was 271 employees and are distributed as follows (See Table 3)

Gender

- 35.4% (96) Female
- 65.6% (175) Male

Race

- 94.4% (256) White
- 3.7% (10) African-American
- 1.1% (3) Asian
- 0.7% Other

Ethnicity

• 6.3% (17) Hispanic or Latino (may include multiple races)

As of 2014, the Boulder Police Department had an authorized commissioned officer (police officers/detectives, sergeants, commanders, deputy chiefs and chief) staffing of 178. At the end of 2014, 172 of those positions were filled and were broken down as follows (see Table 3).

Gender

- 20.4% (35) Female
- 79.7% (137) Male

Race

- 92.4% (159) White
- 5.2% (9) African-American
- 1.7% (3) Asian
- 0.6% (1) Other

Ethnicity

• 3.5% (6) Hispanic or Latino (may include multiple races)

Calls for Service

On an annual basis, Boulder police receive around 60,000 calls for service from the general public. In addition, Boulder officers initiate about 30,000 more calls for a total of 90,000. Of those calls, about 3,000 result in custodial arrests and between 16,000 and 20,000 result in a summons or citation.

It should also be noted that while the racial and ethnic information is unknown, the population of Boulder increases to around 150,000 on weekdays, which is about 50% more than reportedly reside in Boulder.

Arrest Observations

Since the third quarter of 2008, the police department has used a records management system (RMS) called Tiburon. Department employees use Tiburon to document reportable police activities including arrests made and citations issued.

There are many circumstances where officers have little to no discretion on making arrests. Such "mandatory arrest" circumstances include:

- Domestic violence incidents where there is probable cause that a crime has occurred
- Arrest warrants issued by a court
- Court orders related to bond conditions, protection orders and restraining orders

Between 2012 and 2014 data shows that 47.82% of all arrests included the above "mandatory arrest" circumstances.

When queried, Tiburon indicated that officers made 3,292 arrests in **2012**. The following information about race and ethnicity was obtained from those incidents (see Table 4).

Race

- 93.5% (3,046) White
- 4.9% (162) African-American
- 1.2% (40) American Indian or Alaskan Native
- 0.8% (26) Asian
- 0.6% (18) Unknown

Ethnicity

• 13.6% (449) Hispanic or Latino (may include multiple races)

In **2013**, Tiburon indicated that officers made 2,982 arrests. The following information about race and ethnicity was obtained from those incidents (see Table 4).

Race

- 91.4% (2,727) White
- 5.8% (172) African-American
- 1.4% (42) American Indian or Alaskan Native
- 0.9% (26) Asian
- 0.5% (15) Unknown

Ethnicity

• 13.3% (395) Hispanic or Latino (may include multiple races)

Arrest Observations (continued)

In **2014**, Tiburon indicated that officers made 2,979 arrests. The following information about race and ethnicity was obtained from those incidents (see Table 4).

Race

- 92.0% (2,742) White
- 5.1% (151) African-American
- 1.2% (36) American Indian or Alaskan Native
- 1.1% (33) Asian
- 0.6% (17) Unknown

Ethnicity

• 12.6% (374) Hispanic or Latino (may include multiple races)

Citation/Summons Observations

As mentioned in the above definition of citation or summons, officers often issue citations to subjects they arrest. There are also circumstances where officers might issue a summons only and release the subject from the scene. In cases where a subject was arrested and issued one or more summonses, the following numbers will overlap with the previously covered arrest statistics.

Unlike in many arrests, most citations are written at the issuing officer's discretion.

When queried, Tiburon indicated that officers issued 23,080 summonses in **2012**. The following information about race and ethnicity was obtained from those incidents (see Table 5).

Race

- 95.0% (21,928) White
- 1.9% (443) African-American
- 2.1% (481) Asian
- 0.6% (136) Unknown
- 0.4% (92) American Indian or Alaskan Native

Ethnicity

• 5.9% (1,363) Hispanic or Latino (may include multiple races)

In **2013**, Tiburon indicated that officers issued 19,374 citations. The following information about race and ethnicity was obtained from those incidents (see Table 5).

Race

- 95.2% (18,447) White
- 2.3% (435) African-American
- 1.7% (337) Asian
- 0.5% (91) Unknown
- 0.3% (64) American Indian or Alaskan Native

Ethnicity

• 6.6% (1,283) Hispanic or Latino (may include multiple races)

Citation/Summons Observations (continued)

In **2014**, Tiburon indicated that officers issued 16,786 citations. The following information about race and ethnicity was obtained from those incidents (see Table 5).

Race

- 95.2% (15,979) White
- 2.3% (383) African-American
- 1.8% (309) Asian
- 0.4% (62) American Indian or Alaskan Native
- 0.3% (53) Unknown

Ethnicity

• 7.3% (1,229) Hispanic or Latino (may include multiple races)

(Table 1) 2012, 2013 City of Boulder Racial and Ethnic Demographic Information

		201	2 American	Communit	y Survey (1	l-year estim	ates)		
	Total	R1	R2	R3	R4	R5	R6	R7	E1
Number	101,812	91,562	1,652	93	3,726	19	2,198	2,862	8,923
Percent	100.00%	89.93%	1.33%	0.09%	3.66%	0.02%	2.16%	2.81%	8.76%
	Total	R1	3 American	R3	R4	R5	R6	R7	E1
Number	103,163	92,788	959	406	5,003	42	1,112	2,853	6,731
Percent	100.00%	89.94%	0.93%	0.39%	4.85%	0.04%	1.08%	2.77%	6.52%
				2012 to 20	13 Change	es			
	Total	R1	R2	R3	R4	R5	R6	R7	E1
+ or – #	+1,351	+1,226	-393	+313	+1,277	+23	-1,086	-9	-2,192
+ or – Pct.	+1.33%	+1.34%	-29.07%	+336.56%	+34.27%	+121.05%	-49.41%	-0.31%	-24.57%

R1 = White (alone)

R2 = Black or African-American (alone)

R3 = American Indian and Alaskan Native (alone)

R4 = Asian (alone)

R5 = Native Hawaiian and Other Pacific Islander (alone)

R6 = Other (alone)

R7 = Two or More Races

(Table 2) 2014 Boulder Shelter for the Homeless and Bridge House Racial and Ethnic Demographic Information

2014 Boulder Shelter for the Homeless							
	R1	R2	R3	R4	R5	R6	R7
Percent	78.05%	10.08%	2.28%	0.41%	6.10%	1.63%	1.46%
2014 Bridge House							
	R1	R2	R3	R4	R5	R6	R8
Percent	64%	8%	5%	1%	10%	4%	8%

R1 = White

R2 = African-American

R3 = American Indian

R4 = Asian

R5 = Hispanic or Latino

R6 = Other

R7 = Unknown

R8 = Mixed

(Table 3) 2014 Boulder Police Department Employee Racial and Ethnic Demographic Information

2014 Boulder Police Department – All Employees								
	Total	Male	Female	R1	R2	R3	R4	E1
Number	271	175	96	256	10	3	2	17
Percent	100.00%	65.58%	35.42%	94.46%	3.69%	1.11%	0.74%	6.27%

2014 Boulder Police Department – Sworn Police Officers

	Total	Male	Female	R1	R2	R3	R4	E1
Number	172	137	35	159	9	3	1	6
Percent	100.00%	79.65%	20.35%	92.44%	5.23%	1.74%	0.58%	3.49%

R1 = White

R2 = African-American

R3 = Asian

R4 = Other

(Table 4) 2012, 2013 and 2014 Boulder Police Arrest Racial and Ethnic Demographics

			201	2 Arrests			
	Total	R1	R2	R3	R4	R5	E1
Number	3,292	3,046	162	40	26	18	449
Percent	100.00%	92.53%	4.92%	1.22%	0.79%	0.55%	13.64%
Number	2,982	R1 2,727	172	R3	26 R4	R5	395
				3 Arrests			
Percent	100.00%	91.45%	5.77%	1.41%	0.87%	0.50%	13.25%
				4 Arrests			774
	Tratal	R1	R2	R3	R4	R5	E1
	Total						
Number	2,979	2,742	151	36	33	17	374

R1 = White

R2 = Black or African-American

R3 = American Indian and Alaskan Native

R4 = Asian or Pacific Islander

R5 = Unknown

(Table 5) 2012, 2013 and 2014 Boulder Police Citations Racial and Ethnic Demographics

			2012	2 Citations			
	Total	R1	R2	R3	R4	R5	E1
Number	23,080	21,928	481	92	481	136	1,363
Percent	100.00%	95.01%	1.92%	0.40%	2.08%	0.59%	5.91%
Number	Total 19,374	R1 18,447	435	R3	R4 337	R5 91	1,283
	_			3 Citations			
	19,374	95.22%	2.25%	0.33%	1.74%	0.47%	6.62%
Percent	100.00%	95.22%	2.23%	0.33%	1.74%	0.47%	0.02%
			201 4	l Citations			
	Total	R1	R2	R3	R4	R5	E1
Number	16,786	15,979	383	62	309	53	1,229

R1 = White

R2 = Black or African-American

R3 = American Indian and Alaskan Native

R4 = Asian or Pacific Islander

R5 = Unknown

U.S. Census Bureau



B02001

RACE

Universe: Total population

2012 American Community Survey 1-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.

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.

	Boulder city, Colorado		
	Estimate	Margin of Error	
Total:	101,812	+/-31	
White alone	91,562	+/-2,156	
Black or African American alone	1,352	+/-690	
American Indian and Alaska Native alone	93	+/-150	
Asian alone	3,726	+/-1,186	
Native Hawaiian and Other Pacific Islander alone	19	+/-34	
Some other race alone	2,198	+/-1,503	
Two or more races:	2,862	+/-816	
Two races including Some other race	287	+/-327	
Two races excluding Some other race, and three or more races	2,575	+/-739	

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.

The ACS questions on Hispanic origin and race were revised in 2008 to make them consistent with the Census 2010 question wording. Any changes in estimates for 2008 and beyond may be due to demographic changes, as well as factors including questionnaire changes, differences in ACS population controls, and methodological differences in the population estimates, and therefore should be used with caution. For a summary of questionnaire changes see http://www.census.gov/acs/www/methodology/questionnaire_changes/. For more information about changes in the estimates see http://www.census.gov/population/hispanic/files/acs08researchnote.pdf.

While the 2012 American Community Survey (ACS) data generally reflect the December 2009 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 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.

Source: U.S. Census Bureau, 2012 American Community Survey

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.



B03003

HISPANIC OR LATINO ORIGIN

Universe: Total population

2012 American Community Survey 1-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.

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.

	Boulder city	, Colorado
	Estimate	Margin of Error
Total:	101,812	+/-31
Not Hispanic or Latino	92,889	+/-2,445
Hispanic or Latino	8,923	+/-2,436

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.

The ACS questions on Hispanic origin and race were revised in 2008 to make them consistent with the Census 2010 question wording. Any changes in estimates for 2008 and beyond may be due to demographic changes, as well as factors including questionnaire changes, differences in ACS population controls, and methodological differences in the population estimates, and therefore should be used with caution. For a summary of questionnaire changes see http://www.census.gov/acs/www/methodology/questionnaire_changes/. For more information about changes in the estimates see http://www.census.gov/population/hispanic/files/acs08researchnote.pdf.

While the 2012 American Community Survey (ACS) data generally reflect the December 2009 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 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.

Source: U.S. Census Bureau, 2012 American Community Survey

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- not appropriate.
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 8. An '(X)' means that the estimate is not applicable or not available.

U.S. Census Bureau



B02001

RACE

Universe: Total population

2013 American Community Survey 1-Year Estimates

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	Boulder city, Colorado		
	Estimate	Margin of Error	
Total:	103,163	+/-25	
White alone	92,788	+/-1,452	
Black or African American alone	959	+/-475	
American Indian and Alaska Native alone	406	+/-375	
Asian alone	5,003	+/-1,042	
Native Hawaiian and Other Pacific Islander alone	42	+/-75	
Some other race alone	1,112	+/-743	
Two or more races:	2,853	+/-929	
Two races including Some other race	180	+/-193	
Two races excluding Some other race, and three or more races	2,673	+/-930	

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In data year 2013, there were a series of changes to data collection operations that could have affected some estimates. These changes include the addition of Internet as a mode of data collection, the end of the content portion of Failed Edit Follow-Up interviewing, and the loss of one monthly panel due to the Federal Government shut down in October 2013. For more information, see: User Notes

The ACS questions on Hispanic origin and race were revised in 2008 to make them consistent with the Census 2010 question wording. Any changes in estimates for 2008 and beyond may be due to demographic changes, as well as factors including questionnaire changes, differences in ACS population controls, and methodological differences in the population estimates, and therefore should be used with caution. For a summary of questionnaire changes see http://www.census.gov/acs/www/methodology/questionnaire_changes/. For more information about changes in the estimates see http://www.census.gov/population/hispanic/files/acs08researchnote.pdf.

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U.S. Census Bureau



B03003

HISPANIC OR LATINO ORIGIN

Universe: Total population

2013 American Community Survey 1-Year Estimates

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	Estimate	Margin of Error	
Total:	103,163	+/-25	
Not Hispanic or Latino	96,432	+/-2,114	
Hispanic or Latino	6,731	+/-2,113	

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.

In data year 2013, there were a series of changes to data collection operations that could have affected some estimates. These changes include the addition of Internet as a mode of data collection, the end of the content portion of Failed Edit Follow-Up interviewing, and the loss of one monthly panel due to the Federal Government shut down in October 2013. For more information, see: User Notes

The ACS questions on Hispanic origin and race were revised in 2008 to make them consistent with the Census 2010 question wording. Any changes in estimates for 2008 and beyond may be due to demographic changes, as well as factors including questionnaire changes, differences in ACS population controls, and methodological differences in the population estimates, and therefore should be used with caution. For a summary of questionnaire changes see http://www.census.gov/acs/www/methodology/questionnaire_changes/. For more information about changes in the estimates see http://www.census.gov/population/hispanic/files/acs08researchnote.pdf.

While the 2013 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, 2013 American Community Survey

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.

- An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
 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.
 An '***** entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
 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.