

**DRAFT**  
**Jurisdiction Population Update**  
**(Maricopa County)**  
**Census 2010 and July 1, 2013**

Jurisdiction	Total Population			Percent Change		Share	
	April 1, 2010 (Census 2010)	July 1, 2013	Change	Overall	Annual	Share of Growth	Share of County
Apache Junction*	294	298	4	1.4%	0.42%	0.0%	0.0%
Avondale	76,238	77,509	1,271	1.7%	0.51%	1.0%	2.0%
Buckeye	50,876	56,459	5,583	11.0%	3.26%	4.4%	1.4%
Carefree	3,363	3,424	61	1.8%	0.55%	0.0%	0.1%
Cave Creek	5,015	5,227	212	4.2%	1.28%	0.2%	0.1%
Chandler^	236,326	246,191	9,865	4.2%	1.27%	7.7%	6.2%
El Mirage	31,797	32,471	674	2.1%	0.65%	0.5%	0.8%
Fort McDowell	971	984	13	1.3%	0.41%	0.0%	0.0%
Fountain Hills	22,489	22,893	404	1.8%	0.55%	0.3%	0.6%
Gila Bend	1,922	1,948	26	1.4%	0.41%	0.0%	0.0%
Gila River*	2,994	3,038	44	1.5%	0.45%	0.0%	0.1%
Gilbert^	208,352	227,598	19,246	9.2%	2.76%	15.1%	5.8%
Glendale	226,721	231,104	4,383	1.9%	0.59%	3.4%	5.9%
Goodyear	65,275	72,274	6,999	10.7%	3.18%	5.5%	1.8%
Guadalupe	5,523	6,019	496	9.0%	2.68%	0.4%	0.2%
Litchfield Park	5,476	5,759	283	5.2%	1.56%	0.2%	0.1%
Mesa	439,041	450,300	11,259	2.6%	0.78%	8.8%	11.4%
Paradise Valley	12,820	13,282	462	3.6%	1.10%	0.4%	0.3%
Peoria*	154,058	160,542	6,484	4.2%	1.28%	5.1%	4.1%
Phoenix^	1,447,128	1,485,719	38,591	2.7%	0.81%	30.2%	37.7%
Queen Creek*	25,912	29,047	3,135	12.1%	3.58%	2.5%	0.7%
Salt River	6,289	6,498	209	3.3%	1.01%	0.2%	0.2%
Scottsdale	217,385	222,208	4,823	2.2%	0.68%	3.8%	5.6%
Surprise	117,517	121,627	4,110	3.5%	1.06%	3.2%	3.1%
Tempe	161,719	165,155	3,436	2.1%	0.65%	2.7%	4.2%
Tolleson	6,545	6,632	87	1.3%	0.41%	0.1%	0.2%
Wickenburg	6,363	6,510	147	2.3%	0.71%	0.1%	0.2%
Youngtown	6,156	6,236	80	1.3%	0.40%	0.1%	0.2%
Balance of County^	272,552	277,839	5,287	1.9%	0.59%	4.1%	7.0%
<b>Total</b>	<b>3,817,117</b>	<b>3,944,791</b>	<b>127,674</b>	<b>3.3%</b>	<b>1.02%</b>	<b>100.0%</b>	<b>100.0%</b>

**Note: Totals may not add due to rounding**

\* Maricopa County portion only

^ Census 2010 counts adjusted to reflect Census Count Question Resolutions

Sources: U.S. Census Bureau, Arizona State Demographer's Office, Maricopa Association of Governments

Last updated October 28, 2013

**DRAFT**  
**Municipality Population and Housing Unit Update**  
**(Maricopa County)**

**April 1, 2010 and July 1, 2013**  
**Maricopa Association of Governments**

Jurisdiction	Census 2010 (April 1, 2010)							April 1, 2010 - June 30, 2013					July 1, 2012 Update		July 1, 2013 Update			Jurisdiction	
	Population			Housing Units		Occupancy Rate	Persons per Occupied Units	Residential Completions	Residential Demolitions	Annexed Housing Units	Annexed Household Population	Change in Group Quarters	Housing Units	Population	Total Housing Units	Population			
	Total	Household	Group Quarter	Total	Occupied											Household	Group Quarter		Total
Apache Junction*	294	294	0	293	210	71.67%	1.40000	0	0	0	0	0	293	296	293	298	0	298	Apache Junction*
Avondale	76,238	76,078	160	27,001	23,386	86.61%	3.25314	91	10	0	0	-26	27,075	76,870	27,082	77,375	134	77,509	Avondale
Buckeye	50,876	45,782	5,094	18,207	14,424	79.22%	3.17402	1,692	0	6	12	221	19,177	54,102	19,905	51,144	5,315	56,459	Buckeye
Carefree	3,363	3,316	47	2,251	1,654	73.48%	2.00484	10	0	0	0	0	2,255	3,388	2,261	3,377	47	3,424	Carefree
Cave Creek	5,015	5,015	0	2,579	2,150	83.37%	2.33256	71	3	1	0	0	2,609	5,110	2,648	5,227	0	5,227	Cave Creek
Chandler^	236,326	235,780	546	94,472	86,924	92.01%	2.71248	2,524	35	5	16	-13	95,755	241,214	96,966	245,658	533	246,191	Chandler^
El Mirage	31,797	31,784	13	11,326	9,416	83.14%	3.37553	82	1	0	0	0	11,355	32,067	11,407	32,458	13	32,471	El Mirage
Fort McDowell	971	971	0	308	283	91.88%	3.43110	0	0	0	0	0	308	976	308	984	0	984	Fort McDowell
Fountain Hills	22,489	22,307	182	13,167	10,339	78.52%	2.15756	50	0	0	0	0	13,207	22,695	13,217	22,711	182	22,893	Fountain Hills
Gila Bend	1,922	1,922	0	943	664	70.41%	2.89458	0	0	0	0	0	943	1,932	943	1,948	0	1,948	Gila Bend
Gila River*	2,994	2,984	10	835	748	89.58%	3.98930	1	0	0	0	0	835	3,010	836	3,028	10	3,038	Gila River*
Gilbert^	208,352	208,048	304	74,870	69,372	92.66%	2.99902	5,336	11	0	0	0	77,992	219,666	80,195	227,294	304	227,598	Gilbert^
Glendale	226,721	223,464	3,257	90,505	79,114	87.41%	2.82458	554	23	0	0	-63	90,764	229,008	91,036	227,910	3,194	231,104	Glendale
Goodyear	65,275	61,447	3,828	25,027	21,491	85.87%	2.85920	2,139	3	0	0	309	26,198	69,018	27,163	68,137	4,137	72,274	Goodyear
Guadalupe	5,523	5,508	15	1,376	1,292	93.90%	4.26316	79	0	0	0	0	1,448	5,943	1,455	6,004	15	6,019	Guadalupe
Litchfield Park	5,476	5,439	37	2,716	2,263	83.32%	2.40345	99	2	0	0	0	2,767	5,621	2,813	5,722	37	5,759	Litchfield Park
Mesa	439,041	435,503	3,538	201,173	165,374	82.20%	2.63344	1,976	29	371	492	61	202,582	444,856	203,491	446,701	3,599	450,300	Mesa
Paradise Valley	12,820	12,789	31	5,643	4,860	86.12%	2.63148	108	0	0	0	0	5,720	13,106	5,751	13,251	31	13,282	Paradise Valley
Peoria*	154,058	152,831	1,227	64,814	57,454	88.64%	2.66006	1,665	4	2	5	0	65,790	157,653	66,477	159,315	1,227	160,542	Peoria*
Phoenix^	1,447,128	1,425,390	21,738	590,612	514,806	87.16%	2.76879	6,478	418	4	15	2,836	594,190	1,466,223	596,676	1,461,145	24,574	1,485,719	Phoenix^
Queen Creek*	25,912	25,896	16	8,394	7,569	90.17%	3.42132	820	0	0	0	0	8,706	27,249	9,214	29,031	16	29,047	Queen Creek*
Salt River	6,289	6,284	5	2,607	2,198	84.31%	2.85896	45	0	0	0	0	2,648	6,437	2,652	6,493	5	6,498	Salt River
Scottsdale	217,385	216,226	1,159	124,001	101,273	81.67%	2.13508	1,029	45	0	0	20	124,545	219,713	124,985	221,029	1,179	222,208	Scottsdale
Surprise	117,517	117,243	274	52,586	43,272	82.29%	2.70944	1,048	25	0	0	0	53,102	119,530	53,609	121,353	274	121,627	Surprise
Tempe	161,719	151,531	10,188	73,462	66,000	89.84%	2.29592	1,075	15	0	0	-1,031	74,384	164,659	74,522	155,998	9,157	165,155	Tempe
Tolleson	6,545	6,545	0	2,169	1,959	90.32%	3.34099	1	1	0	0	0	2,169	6,579	2,169	6,632	0	6,632	Tolleson
Wickenburg	6,363	6,174	189	3,617	2,909	80.43%	2.12238	14	0	19	35	0	3,649	6,458	3,650	6,321	189	6,510	Wickenburg
Youngtown	6,156	5,953	203	2,831	2,470	87.25%	2.41012	0	0	0	0	0	2,831	6,188	2,831	6,033	203	6,236	Youngtown
Balance of County^	272,552	271,436	1,116	141,494	117,709	83.19%	2.30599	1,013	3	-408	-575	0	141,881	275,138	142,096	276,723	1,116	277,839	Balance of County^
<b>Total</b>	<b>3,817,117</b>	<b>3,763,940</b>	<b>53,177</b>	<b>1,639,279</b>	<b>1,411,583</b>	<b>86.11%</b>	<b>2.66647</b>	<b>28,000</b>	<b>628</b>	<b>0</b>	<b>0</b>	<b>2,314</b>	<b>1,655,178</b>	<b>3,884,705</b>	<b>1,666,651</b>	<b>3,889,300</b>	<b>55,491</b>	<b>3,944,791</b>	<b>Total</b>

**Note: Totals may not add due to rounding**

\* Maricopa County portion only

^ Census 2010 counts adjusted to reflect Census Count Question Resolutions

Sources: U.S. Census Bureau, Arizona State Demographer's Office, Maricopa Association of Governments

Last updated October 28, 2013

See attached document for methodology

## **Methodology for Preparing July 1, 2013 Municipality Population Updates**

### **1. Prepare Census Data**

Using the Census 2010 as the Base, determine the April 1, 2010 household population, group quarter population, total housing units, occupied housing units, occupancy rates and population per occupied unit for total units for each jurisdiction. Adjust the original census counts to reflect results of the Census Count Question Resolution (CQR) Program.

### **2. Collect New Data**

Obtain the residential housing unit completions and demolitions for the time period from June 1, 2012 through June 30, 2013 from the MAG member agencies.

Obtain annexed and de-annexed housing unit data from member agencies. Determine population change from annexations/de-annexations using persons per household and occupancy rates from the Census 2010 blocks intersecting each annexed/de-annexed area.

Obtain July 1, 2013 group quarters population from survey of MAG member agencies. Subtract the July 1, 2010 group quarter count from the July 1, 2013 to obtain the change in group quarter population.

### **3. Calculate July 1, 2013 Housing Units**

Calculate the July 1, 2013 housing stock by municipality by adding the net housing units (completions minus demolitions) and the net housing units annexed from step 2 above to the Census base.

### **4. Calculate July 1, Resident Population**

Calculate changes in the household population using the Housing Unit Method (HUM) by multiplying the new housing stock of non-annexed units from step 3 times the respective occupancy rates and persons per occupied unit by municipality and adding this to the annexed population for each municipality. The occupancy rate and persons per occupied unit by municipality were taken from Census 2010 to calculate the new household population.

Calculate the total household population by adding the change in household population to the estimated household population for the previous year.

Bench the residential population in households to the county control total for population in households from Arizona State Demographer's Office (SDO) to obtain July 1, 2013 population in households. Benching is necessary when the MAG derived total population does not match the control total obtained from SDO. The household population difference is distributed proportional to the pre-beneched household population results for July 1, 2013.

Calculate the total resident population for July 1, 2013 by adding the July 1, 2013 group quarter population from step 2 to the July 1, 2013 household population.