

October 26, 2011

TO: Members of the MAG POPTAC Ad Hoc Subcommittee

FROM: Charlie McClendon, Avondale, Chair

SUBJECT: TRANSMITTAL OF MEETING NOTICE AND TENTATIVE AGENDA

Tuesday, November 1, 2011 – 9:30 a.m.
MAG Office, Second Floor, Chaparral Room
302 North 1st Avenue, Phoenix

A meeting of the MAG Population Technical Advisory Committee (POPTAC) Ad Hoc Subcommittee will be held at the time and place noted above.

Members of the subcommittee may attend either in person or by telephone conference call. If you are attending via audio conference please contact Steve Gross at (602) 254-6300 at least one day prior to the meeting.

Pursuant to Title II of the Americans with Disabilities Act (ADA), MAG does not discriminate on the basis of disability in admissions to or participation in its public meetings. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting Anubhav Bagley at the MAG office. Requests should be made as early as possible to allow time to arrange the accommodation.

Please be advised that under procedures approved by the MAG Regional Council on June 26, 1996, all MAG committees need to have a quorum to conduct business. A quorum is a simple majority of the membership or 4 people for the MAG POPTAC Ad Hoc Subcommittee. If you are unable to attend the meeting, please make arrangements for a proxy from your jurisdiction to represent you. If you have any questions or need additional information, please contact Anubhav Bagley at (602) 254-6300.

TENTATIVE AGENDA
MAG Population Technical Advisory Committee
November 1, 2011

1. Call to Order

2. Call to the Audience

An opportunity will be provided to members of the public to address the MAG POPTAC on items not scheduled on the agenda that fall under the jurisdiction of MAG, or on items on the agenda for discussion but not for action. Members of the public will be requested to limit their comments to three minutes. A total of 15 minutes will be provided for this agenda item, unless the Chair of the POPTAC provides for an exception to this limit. Those wishing to comment on action agenda items will be given an opportunity at the time the item is heard.

3. Approval of Meeting Minutes of June 28, 2011.

4. Approval of Draft July 1, 2011 Maricopa County and Municipality Resident Population Updates and Methodology

Arizona Department of Administration (ADOA) is preparing the July 1, 2011 resident population updates for each county in the state. MAG has received a draft 2011 County population update for Maricopa County. MAG staff has developed a draft set of municipality updates based on the draft control total for Maricopa County. The updates, which are used to prepare budgets and set expenditure limitations, were prepared using the 2010 Census as the base and housing unit data supplied and verified by MAG member agencies. These updates are needed by the Economic Estimates Commission. Because there may be

2. For information.

3. For information, discussion and approval of the minutes of June 28, 2011.

4. For information, discussion and possible recommendation to the MAG POPTAC to approve the Draft July 1, 2011 Maricopa County and MAG Municipality Resident Population Updates provided the Maricopa County control total is within one percent of the final control total.

changes to the State and county control totals by ADOA, the Ad Hoc Subcommittee is requested to recommend approval of these updates to the MAG Population Technical Advisory Committee provided the Maricopa County control total is within one percent of the final control total. Please see Attachment One.

5. Intercensal Estimates: 2000-2010

With the availability of Census 2010 data, MAG staff has been working with the State Demographer's Office to develop an intercensal estimates series from 2000 to 2010. MAG Staff will present a place-level version developed by the State Demographer's Office and a place-level version developed by MAG staff that is controlled to Census Bureau intercensal estimates for Maricopa County. Please see Attachment Two.

5. For information and discussion.

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
POPULATION TECHNICAL ADVISORY COMMITTEE AD HOC SUBCOMMITTEE

June 28, 2011
Maricopa County Flood Control District
2801 W Durango, Phoenix

MEMBERS IN ATTENDANCE

Charlie McClendon, Avondale, Chair
Jim Bacon, Paradise Valley
*Wahid Alam, Mesa
*Lisa Collins, Tempe
*David de la Torre, Chandler
Eddie Lamperez, Scottsdale

Thomas Ritz, Glendale
John Verdugo for Matt Holm, Maricopa County
Chris DePerro, Phoenix
Lloyd Abrams, Surprise

*Those members neither present nor represented by proxy.

OTHERS IN ATTENDANCE

Max Enterline, Phoenix
Eric Morgan, Avondale Jami Garrison, MAG
Scott Bridwell, MAG
Anubhav Bagley, MAG

Jason Howard, MAG
Peter Burnett, MAG
Scott Wilken, MAG
Steve Gross, MAG

1. Call to Order

Chair Charlie McClendon called the meeting to order at 9:30 a.m.

2. Call to the Audience

Anubhav Bagley introduced Scott Wilken as the newest member of MAG staff.

3. Approval of Minutes of March 22, 2011

It was moved by Thomas Ritz, seconded by John Verdugo and unanimously recommended to approve the meeting minutes of March 22, 2011.

4. July 1, 2010 Maricopa County and Municipality Resident Population Updates and Methodology

Anubhav Bagley said that since the April 1, 2010 population count from Census 2010 are available; the July 1, 2010 population estimate needs to be established, since that number is what the July 1, 2011 estimates will be based on. Also, the July 1 estimate is utilized to set expenditure limitations. The State Demographer's Office has produced an estimate that assumed no net migration between April 1 and June 30, 2010. He said that MAG staff has received data on births and deaths geocoded to address from the Department of Health. Staff has used that data to arrive at a July 1, 2010 population estimate. He said that assuming no net migration for this short period of time may be fine, but staff is concerned with this methodology because some communities have much lower number of births than they do deaths, including Cave Creek, Carefree, Fountain Hills, Paradise Valley, Litchfield Park, and the balance of unincorporated Maricopa County (primarily Sun City, Sun City West, and Sun Lakes). He said that staff recommends approving these numbers with this methodology, and that when we get the July 1, 2011 estimate it will utilize a different methodology that will better capture net migration.

Max Enterline asked if the births are geocoded to the home address and not to the hospital location. Mr. Bagley confirmed that the births data is geocoded to home address of the parents.

Thomas Ritz asked if, when staff comes up with the July 1, 2011 population estimates, they will have a methodology that will allow staff to go back and adjust the July 1, 2010 numbers based on that methodology. Mr. Bagley said that the July 1, 2010 estimate will not be adjusted because the necessary datasets do not exist, and that the July 1, 2011 estimate will incorporate the net migration that has occurred, using the July 1, 2010 number as a base. Mr. Ritz also asked when the July 1, 2011 estimate will be released. Mr. Bagley responded that it will be released by the end of this year, likely in November or December 2011.

Mr. Ritz asked when the Census Bureau will release their July 1, 2011 population estimate. Mr. Bagley said that he is not sure if the Census Bureau will be producing that number, but he will check with them and let the committee know what he finds out.

Chris DePerro commented that the births and deaths number for April 1 to July 1, 2010 is a small number, and that he would be happy with using the method, as staff has recommended. Charlie McClendon said that he agrees, and added that there may not be any better data available.

Chris DePerro made a motion that the Ad Hoc Committee recommends to POPTAC that the July 1, 2010 population estimates be accepted as outlined on Attachment One. Eddie Lamperez seconded the motion. The motion carried unanimously.

5. 2010 Census Data Review Activities

Jami Garrison gave an overview of the Count Question Resolution (CQR) Program. She said that the Census Bureau's Geography Division is handling the CQR, and that there are three different challenges that can be done: boundary challenges, geocoding challenges, and coverage challenges. She said the Peter Burnett is working on some analysis to assist

member agencies that are submitting challenges or want to evaluate if a challenge would be worthwhile for them.

Peter Burnett discussed ways MAG staff can help member agencies with CQR analysis. He said that one thing he has already done is taken the housing completion data provided by the member agencies and added to them to the Census 2000 numbers to compare to Census 2010. He said that this worked well for the most part, but did find that staff is missing some demolitions data, especially mobile home demolitions. He expressed appreciation for member agencies doing a great job of submitting residential completions, but there are instances of permits not getting tracked or otherwise missing from the data. He also said staff is preparing to compare housing data from the County Assessor's office to Census 2010 to see if there are any big differences. Mr. Burnett went on to say that staff would like to look at how group quarters were counted in Census 2010, and that some issues have already been identified with some structures counted as group quarters for Census 2000 and not counted as group quarters for Census 2010. He said that staff also intends to compare boundary lines with boundary data from Census 2010. Finally, he said, staff can take residential completions at the block level to check and see how it compares with the block or block group reported in Census 2010.

Chris DePerro said that Phoenix has identified some areas where city boundaries go through blocks, with a net difference of about 1,500 people. He said that the requirements of submitting a challenge require acquiring every address in a block. Since all those addresses were destroyed at the end of the LUCA process, he commented that small discrepancies in Census may not be worth the large amount of effort.

Jami Garrison said that the Census Bureau's website includes a 32 page document with all the guidelines on what you have to do to submit a challenge.

Eddie Lamperez said that the problem Scottsdale had was with group quarters. Anubhav Bagley said that it looks like there are places that group quarters were counted, but not counted as group quarters. Mr. Burnett added that there are some resources for getting address data, such as the Elections Department and the County Assessor, and staff can find ways to get those addresses.

Thomas Ritz asked if staff would be notifying member agencies if any major discrepancies are found as part of the analysis. Mr. Burnett said that he will let the member agencies know if he finds any major differences. Mr. Bagley added that staff will continue to report findings at POPTAC meetings.

Mr. Lamperez asked a general question. He said that Scottsdale is trying to do budgetary performance measures retroactively for 2008, 2009, 2010, and 2011. He said that using the population estimates for 2008 and 2009 will be inaccurate because now we have Census 2010 numbers. He said that they were wondering how to handle this. Mr. Bagley responded that MAG staff is working on interstitial estimates for the complete decade.

The meeting adjourned at 9:56 am.

Municipality Population and Housing Unit Update (DRAFT)

April 1, 2010 and July 1, 2011
Maricopa Association of Governments

Jurisdiction	Census 2010 (April 1 2010)							April 1 2010 - June 30 2011					Total Housing Units	Population			Jurisdiction
	Population			Housing Units		Occupancy Rate	Persons per Occupied Units	Residential Completions	Residential Demolitions	Annexed Housing Units	Annexed Household Population	Change in Group Quarters		Household	Group Quarter	Total	
	Total	Household	Group Quarter	Total	Occupied												
Apache Junction*	294	294	0	293	210	71.67%	1.40000	0	0	0	0	0	293	294	0	294	Apache Junction*
Avondale	76,238	76,078	160	27,001	23,386	86.61%	3.25314	44	4	0	0	0	27,041	76,212	160	76,372	Avondale
Buckeye	50,876	45,782	5,094	18,207	14,424	79.22%	3.17402	461	0	1	3	-131	18,669	47,168	4,963	52,131	Buckeye
Carefree	3,363	3,316	47	2,251	1,654	73.48%	2.00484	2	0	0	0	0	2,253	3,320	47	3,367	Carefree
Cave Creek	5,015	5,015	0	2,579	2,150	83.37%	2.33256	16	1	0	0	0	2,594	5,050	0	5,050	Cave Creek
Chandler	236,123	235,577	546	94,404	86,924	92.08%	2.71015	670	10	2	4	0	95,066	237,545	546	238,091	Chandler
El Mirage	31,797	31,784	13	11,326	9,416	83.14%	3.37553	17	0	0	0	0	11,343	31,841	13	31,854	El Mirage
Fort McDowell	971	971	0	308	283	91.88%	3.43110	0	0	0	0	0	308	971	0	971	Fort McDowell
Fountain Hills	22,489	22,307	182	13,167	10,339	78.52%	2.15756	28	0	0	0	0	13,195	22,364	182	22,546	Fountain Hills
Gila Bend	1,922	1,922	0	943	664	70.41%	2.89458	0	0	0	0	0	943	1,922	0	1,922	Gila Bend
Gila River*	2,994	2,984	10	835	748	89.58%	3.98930	0	0	0	0	0	835	2,984	10	2,994	Gila River*
Gilbert	208,453	208,149	304	74,907	69,372	92.61%	3.00048	1,339	6	0	0	0	76,240	212,565	304	212,869	Gilbert
Glendale	226,721	223,464	3,257	90,505	79,114	87.41%	2.82458	128	4	0	0	306	90,629	223,829	3,563	227,392	Glendale
Goodyear	65,275	61,447	3,828	25,027	21,491	85.87%	2.85920	614	1	0	0	4	25,640	63,241	3,832	67,073	Goodyear
Guadalupe	5,523	5,508	15	1,376	1,292	93.90%	4.26316	68	0	0	0	0	1,444	5,833	15	5,848	Guadalupe
Litchfield Park	5,476	5,439	37	2,716	2,263	83.32%	2.40345	17	0	0	0	0	2,733	5,480	37	5,517	Litchfield Park
Mesa	439,041	435,503	3,538	201,173	165,374	82.20%	2.63344	609	6	191	244	0	201,967	437,350	3,538	440,888	Mesa
Paradise Valley	12,820	12,789	31	5,643	4,860	86.12%	2.63148	49	0	0	0	0	5,692	12,921	31	12,952	Paradise Valley
Peoria*	154,058	152,831	1,227	64,814	57,454	88.64%	2.66006	530	4	0	0	0	65,340	154,310	1,227	155,537	Peoria*
Phoenix	1,445,632	1,423,894	21,738	590,149	514,806	87.23%	2.76588	2,124	147	1	3	-194	592,127	1,429,584	21,544	1,451,128	Phoenix
Queen Creek*	25,912	25,896	16	8,394	7,569	90.17%	3.42132	202	0	0	0	0	8,596	26,639	16	26,655	Queen Creek*
Salt River	6,289	6,284	5	2,607	2,198	84.31%	2.85896	16	0	0	0	0	2,623	6,330	5	6,335	Salt River
Scottsdale	217,385	216,226	1,159	124,001	101,273	81.67%	2.13508	261	18	0	0	0	124,244	216,731	1,159	217,890	Scottsdale
Surprise	117,517	117,243	274	52,586	43,272	82.29%	2.70944	289	16	0	0	0	52,859	117,969	274	118,243	Surprise
Tempe	161,719	151,531	10,188	73,462	66,000	89.84%	2.29592	289	11	0	0	0	73,740	152,215	10,188	162,403	Tempe
Tolleson	6,545	6,545	0	2,169	1,959	90.32%	3.34099	0	1	0	0	0	2,168	6,541	0	6,541	Tolleson
Wickenburg	6,363	6,174	189	3,617	2,909	80.43%	2.12238	7	0	0	0	0	3,624	6,188	189	6,377	Wickenburg
Youngtown	6,156	5,953	203	2,831	2,470	87.25%	2.41012	0	0	0	0	0	2,831	5,953	203	6,156	Youngtown
Balance of County	274,150	273,034	1,116	141,988	117,709	82.90%	2.31957	333	2	-195	-254	0	142,124	273,490	1,116	274,606	Balance of County
Total	3,817,117	3,763,940	53,177	1,639,279	1,411,583	86.11%	2.66647	8,113	231	0	0	-15	1,647,161	3,786,838	53,162	3,840,000	Total

Note: These figures are preliminary and subject to change. Totals may not add due to rounding

* Maricopa County portion only.

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

Prepared by the Maricopa Association of Governments, October 2011

Methodology for Preparing July 1, 2011 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.

2. Collect New Data

Obtain the residential housing unit completions and demolitions for the time period from April 1, 2010 through June 30, 2011 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, 2011 group quarters population from survey of MAG member agencies.

3. Calculate July 1, 2011 Housing Units

Calculate the July 1, 2011 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 household population using the Housing Unit Method (HUM) by multiplying the 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.

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, 2011 population in households. Benching is necessary when the MAG derived total population does not match the control total obtained from SDO. MAG benches its numbers by municipality by proportionately distributing the difference based on the change from the base Census population.

Calculate the total resident population for July 1, 2011 by adding the July 1, 2011 group quarter population from step 2 to the July 1 2011 household population.

Methodology for generating 2000 - 2010 Intercensal estimates

November 1 2011—MAG POPTAC

State Demographer's Office (SDO) intercensal estimate method

1) Prepare postcensal series

Collect the published place-level annual population updates from July 2000 to July 2010 into a single series; this will hereafter be referred to as the *postcensal* estimates series.

2) Initial adjustment: 2000 - 2004

For each place, adjust the postcensal estimates for July 2000 to July 2004 to conform to the Census 2000 and Special Census Survey 2005 population counts. Perform the adjustment using the *Das Gupta* method:

$$P_t = Q_t * (P_{3652} / Q_{3652})^{t/3652}$$

where:

t = time (number of days) since previous census

P_t = intercensal estimate at time t

Q_t = postcensal estimate at time t

P₃₆₅₂ = population count from most recent Census (e.g. 2010)

Q₃₆₅₂ = postcensal estimate for time of most current Census

The Das Gupta method performs the adjustment by multiplying the postcensal estimate for each year by a ratio of the postcensal estimate in the final estimate period and the population count for that period; this ratio is weighted over time so that there are larger adjustments as time increases.

3) Secondary adjustment: 2000 - 2010

Create a new series by combining the adjusted estimates for July 2000 – July 2005 from Step 2 with the postcensal estimates for July 2005 to April 2010. Adjust the entire series to conform to Census 2000 and Census 2010 population counts using the Das Gupta method.

4) Apply controls

Bench the place-level estimates so their sum matches Maricopa County intercensal total. The Maricopa County total is in turn benched to State intercensal estimates.

MAG intercensal estimate method

1) Generate forward postcensal estimates

For each place, generate a *forward postcensal estimate* series based on a simplified housing unit method using assumptions from Census 2000. For each intercensal year, obtain an estimate by multiplying the people per dwelling unit in 2000 by the total housing stock in that year. The housing stock is obtained by adding the total residential completions since April 2000 to the Census 2000 total housing unit count.

2) Generate backward postcensal series

For each place, generate a *backward postcensal estimate* series based on a simplified housing unit method using assumptions from Census 2010. For each intercensal year, obtain an estimate by multiplying the people per dwelling unit in 2010 by the total housing stock in that year. The housing stock is obtained incrementally by subtracting the number of residential completions in the current year from the housing stock in the following year.

3) Adjust forward estimates

Adjust the forward postcensal estimates to conform to Census 2000 and 2010 population counts using the Das Gupta method. The adjustments will be larger for estimates in years closer to April 1, 2010.

4) Adjust backward estimates

Adjust the backward postcensal estimates to conform to Census 2000 and 2010 population counts using an inverted Das Gupta method:

$$B_t = R_t * (P_{3652} / R_{3652})^{(3652 - t)/3652}$$

where:

t = time (number of days) since previous census

B_t = backward intercensal estimate at time t

R_t = backward postcensal estimate at time t

P₃₆₅₂ = population count from most recent Census (e.g. 2010)

R₃₆₅₂ = backward postcensal estimate for time of most current Census

The inverted Das Gupta is virtually the same as the standard method with the exception that larger adjustments are made at the beginning of the series while the estimates towards the end of the series are adjusted less.

5) Merge forward and backward estimates

Combine the adjusted estimates from Steps 3 and 4 using a temporally weighted average:

$$P_t = (F_t * ((3652 - t) / t)) + (B_t * (t / 3652))$$

where:

t = time (number of days) since previous census

P_t = intercensal estimates at time t

F_t = forward intercensal estimate at time t

B_t = backward intercensal estimate at time t

Estimates in years closer to 2000 will have a greater contribution from the forward series while estimates in years closer to 2010 will have a greater contribution from the backward series.

6) Apply Controls

Bench the results from Step 5 so that the place-level sum matches the Census Bureau intercensal estimates for Maricopa County.

DRAFT

State Demographers's Office (SDO) intercensal estimates (DRAFT)

	April 2000	July 2000	July 2001	July 2002	July 2003	July 2004	July 2005	July 2006	July 2007	July 2008	July 2009	April 2010
Maricopa County	3,072,149	3,092,927	3,173,219	3,261,203	3,353,875	3,466,592	3,577,074	3,663,915	3,753,413	3,808,829	3,821,136	3,817,117
Apache Junction (part)	273	275	277	279	280	282	285	286	289	291	293	294
Avondale	35,883	36,400	40,465	47,638	54,225	60,480	66,373	69,382	71,797	72,613	72,360	76,238
Buckeye	6,537	6,697	10,982	12,630	14,139	16,110	23,685	31,290	39,767	49,131	51,560	50,876
Carefree	2,927	2,959	3,063	3,090	3,140	3,202	3,355	3,415	3,433	3,442	3,393	3,363
Cave Creek	3,728	3,766	3,905	4,034	4,172	4,398	4,651	4,746	4,882	4,960	5,012	5,015
Chandler	176,581	178,398	185,511	191,785	205,026	215,705	225,187	230,029	234,607	236,658	236,371	236,123
El Mirage	7,609	8,405	12,053	21,070	26,303	29,498	31,154	31,629	32,396	32,280	32,076	31,797
Fountain Hills	20,235	20,465	21,058	21,489	21,784	22,048	22,547	22,788	22,932	22,984	22,736	22,489
Gila Bend	1,980	1,979	1,945	1,915	1,881	1,847	1,826	1,838	1,918	1,929	1,933	1,922
Gilbert	109,697	111,250	120,447	129,864	145,758	156,412	166,919	179,602	196,602	206,264	207,783	208,453
Glendale	218,812	219,392	223,748	225,206	227,712	229,501	231,126	230,455	230,643	230,658	229,241	226,721
Goodyear	18,911	19,700	23,373	27,881	32,370	38,906	45,664	49,894	56,141	59,631	62,129	65,275
Guadalupe	5,228	5,226	5,209	5,286	5,281	5,318	5,346	5,316	5,307	5,625	5,592	5,523
Litchfield Park	3,810	3,832	3,906	3,959	4,038	4,142	4,563	5,102	5,307	5,380	5,445	5,476
Mesa	396,375	400,491	410,487	420,776	425,293	434,952	436,945	438,232	440,670	441,523	440,627	439,041
Paradise Valley	13,664	13,643	13,504	13,346	13,167	13,040	12,863	12,830	12,838	12,856	12,885	12,820
Peoria (part)	108,363	109,923	116,693	121,663	125,289	130,618	135,060	142,495	148,255	151,644	154,204	154,058
Phoenix	1,321,045	1,324,016	1,334,195	1,345,980	1,361,441	1,381,217	1,408,069	1,428,315	1,446,686	1,455,028	1,455,175	1,445,632
Queen Creek (part)	4,197	4,300	4,820	5,433	7,398	11,262	15,425	18,459	21,742	23,789	25,471	25,912
Scottsdale	202,705	204,060	209,237	212,699	215,969	218,984	221,030	220,907	221,031	220,410	218,888	217,385
Surprise	30,848	32,667	39,628	47,739	56,259	71,328	89,488	102,901	110,741	115,626	117,230	117,517
Tempe	158,625	158,671	158,645	157,956	157,722	158,421	157,711	156,271	156,522	159,336	159,762	161,719
Tolleson	4,974	5,030	5,219	5,375	5,939	6,140	6,332	6,325	6,444	6,556	6,608	6,545
Wickenburg	5,082	5,068	5,128	5,244	5,318	5,467	5,911	6,243	6,325	6,376	6,375	6,363
Youngtown	3,010	3,064	3,444	3,857	4,618	5,360	5,872	6,142	6,121	6,272	6,232	6,156
<i>Balance of County</i>	<i>211,050</i>	<i>213,250</i>	<i>216,276</i>	<i>225,010</i>	<i>229,352</i>	<i>241,955</i>	<i>249,690</i>	<i>259,023</i>	<i>270,015</i>	<i>277,568</i>	<i>281,756</i>	<i>284,404</i>

MAG intercensal estimates (DRAFT)

Controlled to Census Bureau intercensal estimates for Maricopa County

	April 2000	July 2000	July 2001	July 2002	July 2003	July 2004	July 2005	July 2006	July 2007	July 2008	July 2009	April 2010
Maricopa County	3,072,415	3,092,197	3,175,989	3,255,388	3,328,468	3,417,860	3,538,988	3,642,884	3,711,954	3,771,061	3,803,779	3,817,117
Apache Junction (part)	273	273	276	277	278	281	285	288	289	291	293	294
Avondale	35,886	36,354	42,319	49,260	53,855	58,393	64,957	68,332	70,250	73,044	73,416	76,238
Buckeye	6,538	6,677	7,072	8,212	8,977	10,561	16,169	24,106	32,192	42,394	47,534	50,876
Carefree	2,927	2,958	3,063	3,103	3,121	3,164	3,298	3,402	3,417	3,416	3,387	3,363
Cave Creek	3,728	3,761	3,890	4,006	4,126	4,325	4,578	4,711	4,821	4,916	4,995	5,015
Chandler	176,596	178,755	188,924	198,425	206,840	215,880	226,578	232,035	234,721	236,379	236,340	236,123
El Mirage	7,610	8,432	12,191	17,677	21,958	23,894	25,543	26,924	28,458	29,567	30,786	31,797
Fountain Hills	20,237	20,449	20,961	21,281	21,365	21,460	21,900	22,378	22,537	22,670	22,625	22,489
Gila Bend	1,980	1,986	1,985	1,970	1,959	1,951	1,966	1,975	1,956	1,947	1,934	1,922
Gilbert	109,706	111,527	122,059	133,556	143,821	154,299	167,497	178,015	191,206	200,314	204,821	208,453
Glendale	218,831	219,188	223,048	223,965	225,538	226,223	228,580	229,104	228,692	229,195	227,958	226,721
Goodyear	18,913	19,741	23,660	28,263	32,814	38,231	44,586	49,873	56,025	59,540	63,904	65,275
Guadalupe	5,228	5,219	5,194	5,254	5,215	5,238	5,278	5,273	5,252	5,562	5,555	5,523
Litchfield Park	3,810	3,825	3,881	3,907	3,958	4,052	4,473	5,054	5,208	5,298	5,404	5,476
Mesa	396,409	400,744	411,522	419,683	424,011	429,942	435,650	438,819	438,962	440,132	439,780	439,041
Paradise Valley	13,665	13,654	13,583	13,476	13,329	13,262	13,225	13,158	13,023	12,965	12,963	12,820
Peoria (part)	108,372	109,904	116,688	121,761	125,263	130,180	135,045	142,680	146,909	150,038	153,128	154,058
Phoenix	1,321,159	1,323,325	1,332,783	1,342,261	1,351,747	1,365,637	1,394,692	1,421,750	1,433,286	1,443,187	1,448,623	1,445,632
Queen Creek (part)	4,197	4,292	4,787	5,362	7,386	11,151	15,104	18,126	20,941	22,765	24,897	25,912
Scottsdale	202,723	203,770	207,853	210,574	211,882	213,969	216,477	218,081	218,023	218,382	218,004	217,385
Surprise	30,851	32,620	39,353	46,013	54,133	66,345	82,034	96,127	103,557	109,780	114,270	117,517
Tempe	158,639	158,597	158,460	157,370	156,404	156,828	157,380	157,183	157,652	159,348	160,622	161,719
Tolleson	4,974	4,998	5,067	5,088	5,835	5,873	5,947	6,022	6,178	6,355	6,502	6,545
Wickenburg	5,082	5,106	5,221	5,341	5,439	5,637	5,801	5,994	6,105	6,232	6,314	6,363
Youngtown	3,010	3,030	3,273	3,469	3,553	4,186	5,120	5,575	5,706	5,867	6,034	6,156
Balance of County	211,068	213,012	218,874	225,835	235,661	246,899	256,826	267,902	276,588	281,479	283,690	284,404

Note: slight change in April 2000 population for Maricopa County due to Census using Count Resolution Program count: