



302 North 1st Avenue, Suite 300 ▲ Phoenix, Arizona 85003
Phone (602) 254-6300 ▲ FAX (602) 254-6480
E-mail: mag@mag.maricopa.gov ▲ Web site: www.mag.maricopa.gov

October 27, 2010

TO: Members of the MAG POPTAC Ad Hoc Subcommittee

FROM: Charlie McClendon, Avondale, Chair

SUBJECT: TRANSMITTAL OF MEETING NOTICE AND TENTATIVE AGENDA

Tuesday, November 2, 2010 - **9:45 a.m.**
MAG Office, Suite 200, Ocotillo 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 are encouraged to attend by telephone conference call, but may also attend in person. If you are attending via telephone conference call please contact Steve Gross at (602) 254-6300 at least one day prior to the meeting.

If you are driving, please park in the garage under the building. Bring your ticket to the meeting and parking will be validated. For those using transit, the RPTA will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.

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

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 November 10, 2009

4. Approval of Draft Provisional July 1, 2010 Maricopa County and Municipality Resident Population Updates and Methodology

Arizona Department of Commerce (ADOC) is preparing the Provisional July 1, 2010 resident population updates for each county in the state. MAG has received a draft 2010 County population update for Maricopa County. MAG staff has developed a draft set of provisional 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 2005 Census Survey as the base and housing unit data supplied and verified by MAG member agencies. These updates are needed by the Economic Estimates Commission and are provisional since these will be revised based on the Census 2010 results. Because there may be changes to the State and county control totals by ADOC, the Ad Hoc

COMMITTEE ACTION REQUESTED

2. For information.

3. For information, discussion and approval of the minutes of November 10, 2009.

4. For information, discussion and possible recommendation to the MAG POPTAC to approve the Draft Provisional July 1, 2010 Maricopa County and MAG Municipality Resident Population Updates provided the Maricopa County control total is within one percent of the final control total.

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.

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

November 10, 2009
MAG Office, Suite 200, Saguaro Room
302 North 1st Avenue
Phoenix, Arizona

MEMBERS IN ATTENDANCE

Wahid Alam, Mesa, Chair	Thomas Ritz, Glendale
Chris DePerro, Phoenix	* Lisa Collins, Tempe
Sam Andrea for Jason Crampton, Chandler	* John Verdugo for Matt Holm, Maricopa County
A-Eddie Lamperez, Scottsdale	

*Those members neither present nor represented by proxy.

OTHERS IN ATTENDANCE

Max Enterline, Phoenix	Anubhav Bagley, MAG
------------------------	---------------------

1. Call to Order

Chair Wahid Alam called the meeting to order at 9:30 a.m.

2. Call to the Audience

There were no requests from the audience to address the MAG POPTAC Ad Hoc Subcommittee.

3. Approval of Minutes of June 23, 2009

It was moved by Thomas Ritz, seconded by Sam Andrea and unanimously recommended to approve the meeting minutes of June 23, 2009.

4. July 1, 2009 Maricopa County and Municipality Resident Population Updates and Methodology

Anubhav Bagley said the Arizona Department of Commerce (DOC) is preparing the July 1, 2009 resident population updates for each county in the state. He reported that MAG has received a draft 2009 county population update for Maricopa County. Mr. Bagley explained that due to data deficiencies the State Demographer working with the Council for Technical Solutions (CTS) had made some changes to the method used for developing the population estimates. He elaborated that another dataset for the Composite Method based on the ratio of population to death rates had been added for the 2009 numbers. MAG staff will be working

closely with CTS and the State Demographer to improve the estimates method and data used for developing the numbers.

He further explained that because of the deadlines for approving the updates and the schedule of MAG Management Committee and Regional Council, MAG staff has developed a draft set of municipality updates based on the draft control total for Maricopa County. He said the draft July 1, 2009 Maricopa County and MAG municipality resident population updates along with a summary of the methodology used to produce them are included as Attachment One in the agenda packet. He remarked that because there may be changes to the state and county control totals by the Arizona Department of Commerce (ADOC), 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.

Chris DePerro inquired about the method used for adjusting the estimates to match the County control totals. Mr. Bagley explained that MAG benches the numbers by municipality by proportionately distributing the difference based on the change from the base Census population.

Chris DePerro made a motion to recommend to the MAG Population Technical Advisory Committee to approve the July 1, 2009 Maricopa County and MAG Municipality Resident Population Updates provided the Maricopa County control total is within one percent of the final control total. Sam Andrea seconded the motion and the motion passed unanimously.

**PROVISIONAL JURISDICTION POPULATION UPDATE
2005 CENSUS SURVEY and JULY 1, 2010**

Jurisdiction	Total Population			Percent Growth		Share	
	September 1, 2005 (Census Survey)	July 1, 2010	Change	Overall	Annual	Share of Growth	Share of County
Apache Junction *1 *2	275	276	1	0.4%	0.1%	0.0%	0.0%
Avondale	69,356	81,671	12,315	17.8%	3.4%	3.6%	2.0%
Buckeye	25,406	52,315	26,909	105.9%	16.1%	7.9%	1.3%
Carefree	3,684	3,968	284	7.7%	1.5%	0.1%	0.1%
Cave Creek	4,766	5,219	453	9.5%	1.9%	0.1%	0.1%
Chandler	230,845	246,172	15,327	6.6%	1.3%	4.5%	6.1%
El Mirage	32,061	33,566	1,505	4.7%	1.0%	0.4%	0.8%
Fort McDowell *1	824	824	0	0.0%	0.0%	0.0%	0.0%
Fountain Hills	24,492	26,075	1,583	6.5%	1.3%	0.5%	0.6%
Gila Bend	1,808	1,897	89	4.9%	1.0%	0.0%	0.0%
Gila River *1 *2	2,742	2,742	0	0.0%	0.0%	0.0%	0.1%
Gilbert	173,072	219,681	46,609	26.9%	5.1%	13.6%	5.4%
Glendale	242,369	248,683	6,314	2.6%	0.5%	1.8%	6.2%
Goodyear	46,213	65,178	18,965	41.0%	7.4%	5.5%	1.6%
Guadalupe	5,555	5,980	425	7.7%	1.5%	0.1%	0.1%
Litchfield Park	4,528	5,118	590	13.0%	2.6%	0.2%	0.1%
Mesa	448,096	462,133	14,037	3.1%	0.6%	4.1%	11.4%
Paradise Valley	13,863	14,761	898	6.5%	1.3%	0.3%	0.4%
Peoria *2	138,109	159,073	20,964	15.2%	3.0%	6.1%	3.9%
Phoenix	1,475,834	1,579,162	103,328	7.0%	1.4%	30.1%	39.1%
Queen Creek *2	15,916	25,405	9,489	59.6%	10.2%	2.8%	0.6%
Salt River *1	6,796	6,944	148	2.2%	0.4%	0.0%	0.2%
Scottsdale	234,752	243,960	9,208	3.9%	0.8%	2.7%	6.0%
Surprise	88,265	109,343	21,078	23.9%	4.5%	6.2%	2.7%
Tempe	165,796	178,567	12,771	7.7%	1.5%	3.7%	4.4%
Tolleson	6,498	6,913	415	6.4%	1.3%	0.1%	0.2%
Wickenburg	6,077	6,436	359	5.9%	1.2%	0.1%	0.2%
Youngtown	6,163	6,456	293	4.8%	1.0%	0.1%	0.2%
Balance of County	226,355	244,729	18,374	8.1%	1.6%	5.4%	6.1%
Total	3,700,516	4,043,247	342,731	9.3%	1.8%	100.0%	100.0%

*1 Included in "Balance of County" in 2005 Census Survey.

*2 Maricopa County portion only.

Sources: U.S. Bureau of the Census Year 2005 Census Survey, Arizona Department of Commerce, Maricopa Association of Governments

PROVISIONAL MUNICIPALITY POPULATION AND HOUSING UNIT UPDATE

**SEPTEMBER 1, 2005 and JULY 1, 2010
MARICOPA ASSOCIATION OF GOVERNMENTS**

Jurisdiction	Year 2005 Census Survey (September 1, 2005)							September 2, 2005 - June 30, 2010				Provisional July 1, 2010 Update					Jurisdiction	
	Population			Housing Units		Occupancy Rate	Persons per Occupied Units	Residential Completions	Residential Demolitions	Annexed Housing Units	Change in Group Quarters	Total Housing Units	Occupancy Rate	Effective Pers. Per Occ. Unit	Population			
	Total	Household	Group Quarter	Total	Occupied										Household	Group Quarter		Total
Apache Junction *1 *2	275	275	0	328	163	0.49695	1.68712	1	0	0	0	329	0.49695	1.68667	276	0	276	Apache Junction *1 *2
Avondale	69,356	69,182	174	22,510	21,468	0.95371	3.22256	4,400	29	6	33	26,887	0.95371	3.17693	81,464	207	81,671	Avondale
Buckeye	25,406	20,557	4,849	7,262	6,506	0.89590	3.15970	10,198	0	61	395	17,521	0.89590	2.99876	47,071	5,244	52,315	Buckeye
Carefree	3,684	3,684	0	2,180	1,724	0.79083	2.13689	148	0	0	56	2,328	0.79083	2.12507	3,912	56	3,968	Carefree
Cave Creek	4,766	4,761	5	2,228	2,021	0.90709	2.35576	252	21	4	-5	2,463	0.90709	2.33621	5,219	0	5,219	Cave Creek
Chandler	230,845	229,288	1,557	86,927	83,640	0.96219	2.74137	6,295	88	11	353	93,145	0.96219	2.72545	244,262	1,910	246,172	Chandler
El Mirage	32,061	31,988	73	10,192	9,478	0.92995	3.37497	560	31	0	-11	10,721	0.92995	3.36049	33,504	62	33,566	El Mirage
Fort McDowell *1	824	824	0	275	231	0.84000	3.56710	0	0	0	0	275	0.84000	3.56710	824	0	824	Fort McDowell *1
Fountain Hills	24,492	24,321	171	12,243	10,777	0.88026	2.25675	829	0	0	79	13,072	0.88026	2.24430	25,825	250	26,075	Fountain Hills
Gila Bend	1,808	1,808	0	702	593	0.84473	3.04890	17	0	21	0	740	0.84473	3.03528	1,897	0	1,897	Gila Bend
Gila River *1 *2	2,742	2,697	45	695	639	0.91942	4.22066	0	0	0	0	695	0.91942	4.22066	2,697	45	2,742	Gila River *1 *2
Gilbert	173,072	172,836	236	58,856	56,984	0.96819	3.03306	14,379	64	2,718	941	75,889	0.96819	2.97384	218,504	1,177	219,681	Gilbert
Glendale	242,369	238,406	3,963	87,491	84,407	0.96475	2.82448	2,543	8	3	0	90,029	0.96475	2.81755	244,720	3,963	248,683	Glendale
Goodyear	46,213	43,152	3,061	16,631	15,334	0.92201	2.81414	7,628	2	52	776	24,309	0.92201	2.73682	61,341	3,837	65,178	Goodyear
Guadalupe	5,555	5,552	3	1,208	1,174	0.97185	4.72913	102	0	0	-3	1,310	0.97185	4.69710	5,980	0	5,980	Guadalupe
Litchfield Park	4,528	4,461	67	2,132	1,869	0.87664	2.38684	306	0	0	5	2,438	0.87664	2.36078	5,046	72	5,118	Litchfield Park
Mesa	448,096	442,269	5,827	192,516	165,502	0.85968	2.67229	6,266	50	275	422	199,007	0.85968	2.66471	455,884	6,249	462,133	Mesa
Paradise Valley	13,863	13,816	47	5,640	5,069	0.89876	2.72559	400	0	0	3	6,040	0.89876	2.70988	14,711	50	14,761	Paradise Valley
Peoria *2	138,109	135,247	2,862	51,674	49,190	0.95193	2.74948	8,779	6	0	0	60,447	0.95193	2.71477	156,211	2,862	159,073	Peoria *2
Phoenix	1,475,834	1,446,542	29,292	544,804	522,180	0.95847	2.77020	43,181	946	389	0	587,428	0.95847	2.75271	1,549,870	29,292	1,579,162	Phoenix
Queen Creek *2	15,916	15,676	240	4,895	4,635	0.94688	3.38209	3,180	0	2	185	8,077	0.94688	3.26618	24,980	425	25,405	Queen Creek *2
Salt River *1	6,796	6,746	50	2,636	2,058	0.78073	3.27794	52	0	0	26	2,688	0.78073	3.27242	6,868	76	6,944	Salt River *1
Scottsdale	234,752	232,456	2,296	115,943	105,226	0.90757	2.20911	5,148	163	0	83	120,928	0.90757	2.20119	241,581	2,379	243,960	Scottsdale
Surprise	88,265	87,775	490	39,606	33,707	0.85106	2.60406	10,459	62	14	12	50,017	0.85106	2.55691	108,841	502	109,343	Surprise
Tempe	165,796	159,112	6,684	70,290	67,889	0.96584	2.34371	4,238	132	0	4,285	74,396	0.96584	2.33246	167,598	10,969	178,567	Tempe
Tolleson	6,498	6,491	7	1,982	1,919	0.96821	3.38249	142	1	0	-7	2,123	0.96821	3.36295	6,913	0	6,913	Tolleson
Wickenburg	6,077	5,887	190	3,170	2,763	0.87161	2.13066	148	1	65	0	3,382	0.87161	2.11904	6,246	190	6,436	Wickenburg
Youngtown	6,163	5,822	341	2,719	2,574	0.94667	2.26185	79	1	0	141	2,797	0.94667	2.25636	5,974	482	6,456	Youngtown
Balance of County	226,355	224,566	1,789	113,771	100,369	0.88220	2.23740	13,789	25	-3,621	95	123,914	0.88220	2.22147	242,845	1,884	244,729	Balance of County
Total	3,700,516	3,636,197	64,319	1,461,506	1,360,089	0.93061	2.67350	143,519	1,630	0	7,864	1,603,395	0.93061	2.66134	3,971,064	72,183	4,043,247	Total

*1 Included in "Balance of County" in 2005 Census Survey.

*2 Maricopa County portion only.

Sources: U.S. Bureau of the Census Year 2005 Census Survey, Arizona Department of Commerce, Maricopa Association of Governments

Methodology for Preparing July 1, 2010 Municipality Population Updates

1. Prepare Census Data

Use the 2005 Census Survey as the Base, determine the September 1, 2005 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 September 2, 2005 through June 30, 2010 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 occupied housing unit and occupancy rates.

Obtain July 1, 2010 group quarters population from survey of MAG member agencies.

3. Calculate July 1, 2010 Housing Units

Calculate the July 1, 2010 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 from step 3 times the respective occupancy rates and persons per occupied unit by municipality.

The occupancy rate and persons per occupied unit by municipality were taken from the 2005 Census Survey to calculate the new household population.

Bench the residential population in households to the county control total for population in households from Arizona Department of Commerce (DOC) to obtain July 1, 2010 population in households. Benching is necessary when the MAG derived total population does not match the control total obtained from DOC. The control total is derived as the weighted average of the Housing Unit Method and the Composite Method. 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, 2010 by adding the July 1, 2010 group quarter population from step 2 to the July 1 2010 household population.