

November 3, 2009

TO: Members of the MAG POPTAC Ad Hoc Subcommittee

FROM: Wahid Alam, Mesa, Chair

SUBJECT: TRANSMITTAL OF MEETING NOTICE AND TENTATIVE AGENDA

Tuesday, November 10, 2009 - **9:30 a.m.**
MAG Office, Suite 200, Saguaro 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 or by videoconference. 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 June 23, 2009

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

Arizona Department of Commerce (ADOC) is preparing the July 1, 2009 resident population updates for each county in the state. When finalized, the Maricopa County update will become the control from which the municipality updates will be developed. MAG has received a draft 2009 County population update for Maricopa County. 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. 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 attached for your review. Because there

COMMITTEE ACTION REQUESTED

2. For information.

3. For information, discussion and approval of the minutes of June 23, 2009.

4. For information, discussion and possible recommendation to the MAG POPTAC 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.

may be changes to the State and county control totals by 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. Please see Attachment One.

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

June 23, 2009
MAG Office, Suite 200, Saguaro Room
302 North 1st Avenue
Phoenix, Arizona

MEMBERS IN ATTENDANCE

Tim Tilton, Phoenix, Chair	Thomas Ritz, Glendale
Harry Higgins, Scottsdale	* Lisa Collins, Tempe
Sam Andrea for Jason Crampton, Chandler	*Wahid Alam, Mesa
John Verdugo for Matt Holm, Maricopa County	

*Those members neither present nor represented by proxy.

OTHERS IN ATTENDANCE

Max Enterline, Phoenix	Kurt Cotner, MAG
Chris DePerro, Phoenix	Jason Howard, MAG
Heidi Pahl, MAG	Rita Walton, MAG
Jami Garrison, MAG	Steve Gross, MAG
	Anubhav Bagley, MAG

1. Call to Order

Chair Tim Tilton called the meeting to order at 9:04 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 December 9, 2008

It was moved by Harry Higgins, seconded by Thomas Ritz and unanimously recommended to approve the meeting minutes of December 9, 2008.

4. Updated MAG Land Use Code and Match with Member Agency Land Use Codes

Kurt Cotner said that MAG staff maintains three regional land use datasets: General Plans of all member agencies, known development plans, and existing land use. He said that a common land use code that is applied to all the datasets is needed as part of these land use datasets. He noted

that MAG staff have recently updated the MAG land use codes. He referred the Subcommittee members to Attachment One. In order to maintain the regional General Plan dataset, a land use conversion table for each member agency is also needed. He said that the draft 2009 MAG land use codes, and the conversion table between the member agency code to MAG land use code, have been sent for review to the POPTAC. He asked that all member agencies send any comments to him by July 17, 2009. Mr. Cotner also mentioned that the next step after the land use code review is to develop a mixed use lookup table for every member agency.

Tim Tilton agreed with Mr. Cotner on the need for lookup tables for mixed use categories. He inquired regarding the detail needed on the mixed use codes. Anubhav Bagley responded that since the General Plans are used as the basis of future land use in socioeconomic projections, details of mixed use categories are essential. He pointed to the analysis conducted by MAG consultants on different mixed use splits in different geographic locations.

Thomas Ritz inquired about the “unknown” land use code in the draft MAG land use code. Anubhav Bagley informed the subcommittee that the “unknown” code is only a placeholder until further information is gathered. The final datasets should not contain any polygons with this code.

5. MAG Data Collection, Update and Review Activities and Timeline

Anubhav Bagley said that to support socioeconomic projections and regional planning activities, MAG staff work with the POPTAC to collect a number of regional data sets. These data include residential completions, employer, general plan land use and amendments, known development projects, and existing land use. He further added that these data sets are updated and then sent to MAG member agencies for review on an ongoing basis.

Mr. Bagley said that MAG staff have been reviewing the data sets and working towards streamlining the data collection, update, and review processes. He distributed and discussed in detail a draft table highlighting data collection, update, and review activities in preparation for 2010.

Rita Walton added that MAG staff would like to streamline the data collection and review activities to ensure that the databases are most accurate while minimizing the burden on member agency staff. She mentioned as an example that the data collection date for General Plan amendments should be based on the timing of the amendments being presented to a jurisdictional council.

John Verdugo explained that Maricopa County only approves major amendments once a year in December. Data collection in January would ensure the most current data being provided to MAG staff. Tim Tilton suggested that it may be a good idea to survey all member agencies on the timing of their amendment approvals.

Anubhav Bagley inquired if the member agencies would prefer reviewing all the data at one time or distributed over the year. Rita Walton added that a data set would only be reviewed once a year. Tim Tilton suggested that the data should be sent for review two or three times a year. Max Enterline agreed with Tim.

6. Preparation for 2012 Socioeconomic Projections – AZ-SMART

Anubhav Bagley informed the Subcommittee that for the past two years, MAG staff have been working on the development of the next generation of socioeconomic model: Arizona's Socioeconomic Modeling Analysis and Reporting Toolset (AZ-SMART). Phase I of development was completed in 2008 and is currently being tested. He further added that MAG staff are currently working on developing the detailed data sets needed to support the new model. Mr. Bagley provided a brief overview of the new modeling system and added that a detailed presentation on AZ-SMART and its data needs will be provided to the POPTAC.

Tim Tilton said that such detailed presentations are very helpful to the POPTAC membership's understanding of the data needs and the modeling process. Max Enterline inquired if the methods utilized in previous years for data and model output review will still be used. Anubhav Bagley informed the subcommittee that the data and results will still be reviewed using GIS datasets and mapping techniques.

The meeting adjourned at 9:52 am.

Methodology for Preparing July 1, 2009 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, 2009 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, 2009 group quarters population from survey of MAG member agencies.

3. Calculate July 1, 2009 Housing Units

Calculate the July 1, 2009 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, 2009 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, 2009 by adding the July 1, 2009 group quarter population from step 2 to the July 1 2009 household population.

MUNICIPALITY POPULATION AND HOUSING UNIT UPDATE
SEPTEMBER 1, 2005 and JULY 1, 2009
MARICOPA ASSOCIATION OF GOVERNMENTS

Jurisdiction	Year 2005 Census Survey (September 1, 2005)							September 2, 2005 - June 30, 2009					July 1, 2009 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	1.68696	276	0	276	Apache Junction *1 *2
Avondale	69,356	69,182	174	22,510	21,468	0.95371	3.22256	2,548	22	6	4	25,042	0.95371	3.21243	76,722	178	76,900	Avondale
Buckeye	25,406	20,557	4,849	7,262	6,506	0.89590	3.15970	9,671	0	60	668	16,993	0.89590	3.10345	47,247	5,517	52,764	Buckeye
Carefree	3,684	3,684	0	2,180	1,724	0.79083	2.13689	142	0	0	41	2,322	0.79083	2.13283	3,917	41	3,958	Carefree
Cave Creek	4,766	4,761	5	2,228	2,021	0.90709	2.35576	232	20	4	-5	2,444	0.90709	2.34929	5,208	0	5,208	Cave Creek
Chandler	230,845	229,288	1,557	86,927	83,640	0.96219	2.74137	5,501	81	11	362	92,358	0.96219	2.73636	243,168	1,919	245,087	Chandler
El Mirage	32,061	31,988	73	10,192	9,478	0.92995	3.37497	540	24	0	-20	10,708	0.92995	3.36992	33,557	53	33,610	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	798	0	0	79	13,041	0.88026	2.25246	25,857	250	26,107	Fountain Hills
Gila Bend	1,808	1,808	0	702	593	0.84473	3.04890	16	0	21	0	739	0.84473	3.04416	1,900	0	1,900	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	12,638	56	2,709	941	74,147	0.96819	3.01362	216,344	1,177	217,521	Gilbert
Glendale	242,369	238,406	3,963	87,491	84,407	0.96475	2.82448	2,586	3	3	0	90,077	0.96475	2.82196	245,234	3,963	249,197	Glendale
Goodyear	46,213	43,152	3,061	16,631	15,334	0.92201	2.81414	5,816	2	52	956	22,497	0.92201	2.79133	57,899	4,017	61,916	Goodyear
Guadalupe	5,555	5,552	3	1,208	1,174	0.97185	4.72913	101	0	0	-3	1,309	0.97185	4.71779	6,002	0	6,002	Guadalupe
Litchfield Park	4,528	4,461	67	2,132	1,869	0.87664	2.38684	289	0	0	8	2,421	0.87664	2.37798	5,047	75	5,122	Litchfield Park
Mesa	448,096	442,269	5,827	192,516	165,502	0.85968	2.67229	5,461	44	273	341	198,206	0.85968	2.66990	454,934	6,168	461,102	Mesa
Paradise Valley	13,863	13,816	47	5,640	5,069	0.89876	2.72559	354	0	0	-17	5,994	0.89876	2.72058	14,656	30	14,686	Paradise Valley
Peoria *2	138,109	135,247	2,862	51,674	49,190	0.95193	2.74948	8,127	4	0	0	59,797	0.95193	2.73787	155,847	2,862	158,709	Peoria *2
Phoenix	1,475,834	1,446,542	29,292	544,804	522,180	0.95847	2.77020	39,096	773	388	0	583,515	0.95847	2.76449	1,546,131	29,292	1,575,423	Phoenix
Queen Creek *2	15,916	15,676	240	4,895	4,635	0.94688	3.38209	2,850	0	1	164	7,746	0.94688	3.34340	24,522	404	24,926	Queen Creek *2
Salt River *1	6,796	6,746	50	2,636	2,058	0.78073	3.27794	46	0	0	26	2,682	0.78073	3.27619	6,860	76	6,936	Salt River *1
Scottsdale	234,752	232,456	2,296	115,943	105,226	0.90757	2.20911	4,608	147	0	83	120,404	0.90757	2.20657	241,122	2,379	243,501	Scottsdale
Surprise	88,265	87,775	490	39,606	33,707	0.85106	2.60406	9,897	36	14	12	49,481	0.85106	2.58790	108,980	502	109,482	Surprise
Tempe	165,796	159,112	6,684	70,290	67,889	0.96584	2.34371	3,111	119	0	2,475	73,282	0.96584	2.34073	165,674	9,159	174,833	Tempe
Tolleson	6,498	6,491	7	1,982	1,919	0.96821	3.38249	136	0	0	-7	2,118	0.96821	3.37574	6,923	0	6,923	Tolleson
Wickenburg	6,077	5,887	190	3,170	2,763	0.87161	2.13066	145	1	64	0	3,378	0.87161	2.12658	6,261	190	6,451	Wickenburg
Youngtown	6,163	5,822	341	2,719	2,574	0.94667	2.26185	79	1	0	188	2,797	0.94667	2.25989	5,984	529	6,513	Youngtown
Balance of County	226,355	224,566	1,789	113,771	100,369	0.88220	2.23740	13,174	19	-3,606	95	123,320	0.88220	2.23202	242,828	1,884	244,712	Balance of County
Total	3,700,516	3,636,197	64,319	1,461,506	1,360,089	0.93061	2.67350	127,963	1,352	0	6,391	1,588,117	0.93061	2.67446	3,952,620	70,710	4,023,330	Total

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

*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