

June 19, 2013

TO: Members of the MAG POPTAC Ad Hoc Subcommittee

FROM: Patrick Banger, Chair

SUBJECT: TRANSMITTAL OF MEETING NOTICE AND TENTATIVE AGENDA

Tuesday, June 25, 2013 – 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 Merry Holmgren at (602) 254-6300 at least one day prior to the meeting.

If you drive to the meeting, please park in the garage under the building and bring your ticket to the meeting; parking will be validated. For those using transit, the Regional Public Transportation Authority 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 Merry Holmgren 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 Scott Wilken at (602) 254-6300.

TENTATIVE AGENDA
MAG Population Technical Advisory Committee Ad Hoc Subcommittee
June 25, 2013

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 May 28, 2013.

4. MAG Annual Municipality Population Projections for July 1, 2013 through July 1, 2040.

In accordance with Executive Order 2011-04, MAG prepares annual population projections by jurisdiction. A draft set of population projections for July 1, 2013 to July 1, 2040 was prepared utilizing the projections by Municipal Planning Area and Regional Analysis Zone recommended by MAG POPTAC at the May 28, 2013 meeting. The draft set of projections by jurisdiction was reviewed by POPTAC in June 2013.

The resulting projections of population by jurisdiction for Maricopa County for July 1, 2013 to July 1, 2040 are being transmitted. The MAG POPTAC will be requested to recommend approval of the Draft MAG Projections of Population by Jurisdiction, which are included as Attachment One.

2. For information.

3. For information, discussion and approval of the minutes of May 28, 2013.

4. For information, discussion and recommendation to approve the MAG Annual Municipality Population Projections for July 1, 2013 through July 1, 2040.

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

May 28, 2013
MAG Offices, Chaparral Room
302 N. 1st Ave, Phoenix

MEMBERS IN ATTENDANCE

Patrick Banger, Gilbert, Chair	Wahid Alam, Mesa
Charlie McClendon, Avondale, Vice Chair	Chris DePerro, Phoenix
Sam Andrea for David de la Torre, Chandler	Dave Williams, Queen Creek
Thomas Ritz, Glendale	*Adam Yaron, Scottsdale
Katie Wilken, Goodyear	A-Arlene Palisoc for Lisa Collins, Tempe
Rachel Applegate for Matt Holm, Maricopa County	Abhishek Dayal for Ratna Korepella, Valley Metro

**Those members neither present nor represented by proxy.*

A - Participated via audioconference

OTHERS IN ATTENDANCE

Scott Wilken, MAG	Mark Roberts, MAG
Amanda Stanko, MAG	Eric Morgan, Avondale
Anubhav Bagley, MAG	Max Enterline, Phoenix
Scott Bridwell, MAG	Joshua Bednarek, Phoenix
Jesse Ayers, MAG	Mark Griffin, CAG

1. Call to Order

Chair Patrick Banger called the meeting to order at 9:50 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 October 30, 2012

Thomas Ritz made a motion to approve the minutes of October 30, 2012. Dave Williams seconded the motion, and the motion passed unanimously.

4. MAG Resident Population, Housing, and Employment by Municipal Planning Area and Regional Analysis Zone for July 1, 2020, 2030 and 2040

Anubhav Bagley gave a presentation on the draft projection figures for July 1, 2020, 2030, and 2040. He said the State Demographer's Office prepares population and housing projections for the state and county level, and MAG uses those as control totals for the sub-county projections, which are required to be used for transportation and air quality modeling. He said that the sub-county projections are completely dependent on input data from the MAG member agencies, including land use, built space, and employment data. He gave some sub-regional analysis of the draft projections, showing projected population and employment growth and share dividing the region into three geographic areas. He showed projected concentration maps. He discussed projected job-housing balance. He said that staff hoped to get a recommendation from POPTAC, and then take the draft projections to the MAG Management Committee and Regional Council in June for approval of the Municipal Planning Area (MPA) and Regional Analysis Zone (RAZ) level projections. He said that the next step will be to produce population projections for each year by incorporated area, and that those figures will be presented to POPTAC at the next meeting.

Chris DePerro made a motion that the Ad Hoc subcommittee make a recommendation to the MAG POPTAC to approve the MAG resident population, housing, and employment by Municipal Planning Area (MPA) and Regional Analysis Zone (RAZ) for July 1, 2020, 2030 and 2040 and the resolution in Attachment One. Wahid Alam seconded the motion, and the motion passed unanimously.

The meeting adjourned at 10:04 am.

DRAFT
Annual Municipality Population Projections

Jurisdiction	2010*	2011*	2012*	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Apache Junction^	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Avondale	76,500	76,400	76,900	77,400	78,400	79,900	82,200	85,000	87,900	90,900	93,800	95,600	97,300	99,100	100,900	102,700
Buckeye	51,000	52,300	54,100	56,300	58,900	62,300	66,000	70,600	76,100	82,200	88,300	94,700	101,200	107,600	114,000	120,400
Carefree	3,400	3,400	3,400	3,400	3,500	3,500	3,600	3,600	3,700	3,700	3,800	3,800	3,900	3,900	4,000	4,000
Cave Creek	5,000	5,100	5,100	5,200	5,200	5,300	5,500	5,600	5,700	5,800	5,900	6,100	6,200	6,400	6,500	6,700
Chandler	236,700	238,400	241,200	244,100	247,100	250,700	254,700	258,900	263,100	267,300	270,700	272,900	275,100	277,300	279,500	281,700
El Mirage	31,900	31,900	32,100	32,300	32,500	32,800	33,100	33,500	33,900	34,200	34,600	35,200	35,800	36,400	37,000	37,600
Fort McDowell	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,100	1,100
Fountain Hills	22,400	22,600	22,700	23,000	23,200	23,600	24,100	24,500	25,000	25,500	25,900	26,400	27,000	27,500	28,000	28,500
Gila Bend	1,900	1,900	1,900	2,000	2,000	2,000	2,000	2,100	2,100	2,200	2,200	2,500	2,800	3,100	3,400	3,700
Gila River^	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100
Gilbert	209,000	213,500	219,700	226,100	231,200	235,600	239,800	243,800	247,700	251,300	254,800	258,200	261,600	264,900	268,300	271,600
Glendale	227,200	227,400	229,000	231,400	234,100	237,600	241,700	246,100	250,500	254,900	259,000	262,700	266,400	270,000	273,700	277,300
Goodyear	65,400	67,300	69,000	71,700	75,400	80,400	86,600	92,700	98,800	104,700	110,500	115,600	120,600	125,700	130,700	135,800
Guadalupe	5,500	5,900	5,900	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,100	6,100	6,200	6,200	6,300
Litchfield Park	5,500	5,500	5,600	5,700	5,800	5,900	6,100	6,200	6,400	6,500	6,600	6,800	6,900	7,100	7,200	7,400
Mesa	439,900	441,200	444,900	448,600	452,900	458,500	465,000	471,900	478,900	485,700	492,300	498,800	505,200	511,600	517,900	524,300
Paradise Valley	12,800	13,000	13,100	13,000	13,000	13,000	13,000	13,000	13,000	13,000	13,000	13,100	13,200	13,400	13,500	13,600
Peoria^	154,200	155,800	157,700	160,200	164,400	169,800	176,000	183,100	189,700	196,100	202,300	206,800	211,400	215,900	220,400	224,900
Phoenix	1,449,200	1,452,000	1,464,700	1,479,200	1,495,900	1,517,700	1,542,700	1,569,700	1,596,800	1,623,200	1,648,800	1,672,200	1,695,500	1,718,800	1,742,000	1,765,100
Queen Creek^	26,000	26,800	27,200	28,300	29,500	31,100	32,900	34,900	36,900	38,800	40,700	42,100	43,600	45,000	46,400	47,900
Salt River	6,300	6,300	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,500	6,500	6,600	6,700	6,700
Scottsdale	217,400	218,000	219,700	221,900	224,800	228,300	233,500	238,300	243,000	247,700	252,200	255,300	258,400	261,500	264,600	267,700
Surprise	117,700	118,300	119,500	121,500	123,700	126,700	130,100	133,700	137,400	141,000	144,400	151,500	158,600	165,600	172,600	179,600
Tempe	162,000	162,500	164,700	166,200	167,900	170,200	172,800	175,500	178,300	181,000	183,700	186,500	189,400	192,200	195,000	197,800
Tolleson	6,600	6,500	6,600	6,600	6,600	6,700	6,700	6,800	6,900	6,900	7,000	7,100	7,200	7,300	7,400	7,600
Wickenburg^	6,400	6,400	6,500	6,600	6,800	7,000	7,300	7,600	7,900	8,200	8,400	8,900	9,300	9,800	10,200	10,700
Youngtown	6,200	6,200	6,200	6,200	6,300	6,300	6,400	6,400	6,500	6,500	6,600	6,700	6,800	6,900	6,900	7,000
Balance of County	273,700	274,700	276,600	280,200	284,000	292,100	299,700	309,100	318,100	326,100	334,500	346,500	358,600	370,600	382,500	394,400
TOTAL MARICOPA COUNTY	3,824,100	3,843,600	3,884,700	3,933,800	3,989,800	4,063,700	4,148,200	4,239,400	4,331,100	4,420,200	4,506,800	4,593,000	4,679,000	4,764,800	4,850,000	4,935,500

Notes:

* July 1 Population Estimate

^ Maricopa County portion only

Projected population based on MPA Projections recommended by MAG POPTAC on May 28, 2013. See attached document for methodology

Population numbers rounded to the nearest hundreds. Numbers may not add due to rounding

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

DRAFT
Annual Municipality Population Projections

Jurisdiction	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Apache Junction^	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Avondale	104,400	106,200	108,000	109,700	111,500	113,200	115,000	116,700	118,400	120,100	121,800	123,500	125,200	126,800	128,400
Buckeye	126,800	133,200	139,500	145,900	152,200	162,500	172,600	182,800	192,800	202,700	212,600	222,400	232,100	241,600	251,100
Carefree	4,100	4,100	4,200	4,200	4,300	4,300	4,300	4,300	4,300	4,300	4,300	4,400	4,400	4,400	4,400
Cave Creek	6,800	7,000	7,100	7,200	7,400	7,500	7,600	7,700	7,800	7,900	8,000	8,100	8,200	8,300	8,400
Chandler	283,900	286,100	288,300	290,500	292,700	293,600	294,500	295,400	296,300	297,200	298,000	298,900	299,700	300,600	301,400
El Mirage	38,200	38,800	39,400	40,000	40,500	41,300	42,000	42,700	43,400	44,100	44,800	45,400	46,100	46,800	47,400
Fort McDowell	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Fountain Hills	29,000	29,500	30,000	30,500	31,000	31,100	31,100	31,100	31,100	31,100	31,100	31,100	31,200	31,200	31,200
Gila Bend	4,000	4,300	4,500	4,800	5,100	6,100	7,100	8,000	9,000	9,900	10,800	11,800	12,700	13,600	14,500
Gila River^	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,300	3,300
Gilbert	274,900	278,300	281,600	284,900	288,200	291,000	293,800	296,600	299,400	302,100	304,800	307,500	310,200	312,800	315,400
Glendale	280,900	284,600	288,200	291,800	295,400	296,700	297,900	299,200	300,500	301,800	303,000	304,300	305,500	306,700	307,900
Goodyear	140,800	145,800	150,800	155,800	160,800	167,600	174,300	181,000	187,700	194,200	200,800	207,200	213,700	220,000	226,200
Guadalupe	6,300	6,400	6,400	6,500	6,500	6,500	6,600	6,600	6,600	6,700	6,700	6,700	6,700	6,800	6,800
Litchfield Park	7,500	7,700	7,800	8,000	8,100	8,100	8,100	8,100	8,100	8,100	8,100	8,100	8,200	8,200	8,200
Mesa	530,600	537,000	543,300	549,600	555,900	558,600	561,200	563,900	566,500	569,100	571,700	574,300	576,800	579,300	581,800
Paradise Valley	13,700	13,800	13,900	14,000	14,100	14,200	14,200	14,300	14,300	14,300	14,400	14,400	14,500	14,500	14,500
Peoria^	229,500	234,000	238,400	242,900	247,400	253,100	258,900	264,600	270,200	275,800	281,400	286,900	292,300	297,700	303,000
Phoenix	1,788,200	1,811,200	1,834,200	1,857,100	1,880,000	1,904,500	1,928,800	1,953,100	1,977,200	2,001,100	2,024,800	2,048,200	2,071,400	2,094,300	2,116,900
Queen Creek^	49,300	50,800	52,200	53,600	55,000	55,600	56,100	56,600	57,100	57,600	58,100	58,600	59,000	59,500	60,000
Salt River	6,800	6,800	6,900	6,900	7,000	7,100	7,100	7,200	7,300	7,300	7,400	7,400	7,500	7,600	7,600
Scottsdale	270,800	273,800	276,900	279,900	283,000	284,400	285,700	287,100	288,400	289,800	291,100	292,400	293,700	295,000	296,300
Surprise	186,600	193,600	200,600	207,600	214,500	221,400	228,200	234,900	241,600	248,200	254,800	261,300	267,800	274,100	280,500
Tempe	200,700	203,500	206,300	209,000	211,800	212,400	212,900	213,500	214,100	214,700	215,300	215,900	216,500	217,000	217,500
Tolleson	7,700	7,800	7,900	8,100	8,200	8,200	8,300	8,400	8,500	8,500	8,600	8,700	8,800	8,800	8,900
Wickenburg^	11,100	11,600	12,000	12,500	12,900	13,200	13,500	13,800	14,000	14,300	14,600	14,900	15,200	15,400	15,700
Youngtown	7,100	7,200	7,300	7,400	7,400	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,600	7,600	7,600
Balance of County	406,400	418,300	430,200	442,000	453,900	469,900	485,900	501,700	517,400	532,900	548,400	563,700	578,800	593,700	608,500
TOTAL MARICOPA COUNTY	5,020,700	5,106,000	5,190,500	5,275,000	5,359,400	5,444,200	5,527,800	5,611,400	5,694,100	5,775,900	5,857,500	5,938,200	6,018,400	6,097,000	6,174,800

Notes:

* July 1 Population Estimate

^ Maricopa County portion only

Projected population based on MPA Projections recommended by MAG POPTAC on May 28, 2013. See attached document for methodology

Population numbers rounded to the nearest hundreds. Numbers may not add due to rounding

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

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Method and Notes for preparation of annual municipality population projections for 2013 to 2040

June 2013

Data sources

1) Annual county-level population projections

Annual population projections for Maricopa County were provided by the Arizona State Demographers Office (SDO) and are the official state and county-level projections. The County projections were approved by MAG Regional Council in December 2012 and were utilized as the Control totals for the RAZ and MPA projections recommended for approval by MAG POPTAC in May 2013.

2) Annual municipality resident population updates for 2010, 2011 and 2012

Annual July 1, resident population updates by jurisdiction are approved by MAG and approved by Arizona Department of Economic Security in December. The annual projections are required to utilize the annual population updates as the base.

3) Resident population projections by Municipal Planning Area (MPA) for 2020, 2030, and 2040

MAG POPTAC recommended resident population projections by MPA and Regional Analysis Zones (RAZ) for 2020, 2030, and 2040 in May 2013. These projections along with the data in the AZSMART model system are utilized to develop the annual municipality projections.

4) Place-level group quarter and household population projections for 2020, 2030 and 2040

These are derived from the AZSMART modeling system by aggregating group quarter and household population by Census incorporated place, Indian Community, and unincorporated County.

Method

The goal of the method is to develop annual, place-level projections that respect (1) the adopted population updates for 2010, 2011, and 2012, (2) annual county-level projections from the State Demographers Office and (3) the decadal, RAZ and MPA projections recommended by POPTAC on May 28, 2013. This is performed using a constant share interpolation approach.

The interpolation is performed for three intervals: 2013-2019, 2021- 2029 and 2031-2039. Population in households and group quarters are interpolated independently and then summed to obtain the total resident population. The years within each interval are interpolated through the following steps:

- 1) Determine the total change in the county for the interpolation
- 2) For each place:

- a. Determine the total change in each place for the interpolation interval
 - b. Calculate the share of the County's growth for the place by dividing the total place change by the total county change
 - c. For each year to be interpolated:
 - i. Obtain the total annual county change (e.g. 2013-2014)
 - ii. Multiply the annual county change by the place's share of county change for the interval
 - iii. Add the interpolated change to the projection from the previous year to obtain the interpolated total
- 3) Adjust interpolated place-level values for the 2013-2020 interval for cases where the interpolated values for 2013 differ from the growth implied by the change in estimates for 2010-2012 and residential completions in the last fiscal year.

Notes

1. The notes and caveats for the 2013 MAG Socioeconomic Projections by RAZ and MPA apply to the annual population projections
2. The population projections are for resident population only and do not include nonresident seasonal or transient population.
3. The projections include the Maricopa County portion of Apache Junction, Gila River Indian Community, Peoria, Queen Creek and Wickenburg only.