



October 26, 2016

TO: Members of the MAG Population Technical Advisory Committee

FROM: Joshua Wright, Wickenburg, Chair

SUBJECT: TRANSMITTAL OF MEETING NOTICE AND TENTATIVE AGENDA

Tuesday, November 1, 2016 - 10:00 a.m.
MAG Office, Second Floor, **Chaparral Room**
302 North 1st Avenue, Phoenix

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

Members of the POPTAC may attend either in person or by telephone conference. 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 Scott Wilken 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 14 people for the MAG POPTAC. If you are unable to attend the meeting, please make arrangements for a proxy from your jurisdiction with Merry Holmgren at (602) 254-6300.

TENTATIVE AGENDA
MAG Population Technical Advisory Committee
November 1, 2016

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 September 27, 2016.

4. Draft July 1, 2016 Municipality Resident Population Updates and Methodology

MAG staff has prepared draft July 1, 2016 Municipality Resident Population Updates for MAG Member Agencies. MAG staff worked with staff from Central Arizona Governments (CAG) to create sub-county updates for Pinal County communities. The Updates, which are used to prepare budgets and set expenditure limitations, were prepared using the 2010 Census as the base and updated with housing unit data supplied and verified by MAG member agencies. Since there may be changes to the Maricopa County and Pinal County control totals by the Arizona Office of Economic Opportunity, the MAG POPTAC is requested to recommend approval of these updates to the MAG Management Committee provided the County control totals are within two percent of the final control total. The Pinal County control total and sub-county figures will be presented to the CAG Regional Council. See **Attachment One**.

2. For information.

3. For information, discussion, and approval of the minutes of September 27, 2016.

4. For information, discussion, and possible recommendation to the MAG Management Committee to approve the Draft July 1, 2016 Municipality Resident Population Updates for MAG Member Agencies provided that the Maricopa County and Pinal County control totals are within two percent of the final control total.

5. Next Meeting of MAG POPTAC

The next meeting is scheduled for Tuesday,
November 15, 2016 at 10:00 a.m.

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
POPULATION TECHNICAL ADVISORY COMMITTEE

September 27, 2016
MAG Offices, Saguaro Room
302 N. 1st Ave, Phoenix

MEMBERS IN ATTENDANCE

Josh Wright, Wickenburg, Chair
Kevin Burke, Paradise Valley, Vice Chair
#Tracy Clark, ADOT
#Larry Kirch, Apache Junction
Alison Rondone, Avondale
#Andrea Marquez, Buckeye
*Stacey Bridge-Denzak, Carefree
*Luke Kautzman, Cave Creek
Sam Andrea, Chandler
Thomas Doyle, El Mirage
*Mark Eckhoff, Florence
*Ken Valverde, Fountain Hills
VACANT, Gila Bend
#Linda Edwards, Gilbert
Thomas Ritz, Glendale
Joe Schmitz, Goodyear

VACANT, Guadalupe
Sonny Culbreth, Litchfield Park
Roldofo Lopez for Kazi Haque, Maricopa
#Matt Holm, Maricopa County
*Wahid Alam, Mesa
Jason Cleghorn, Peoria
Eric Buskirk for Adam Miller, Phoenix
VACANT, Pinal County
#Keith Newman, Queen Creek
*Bryan Meyers, Salt River Pima-Maricopa Indian
Community
#Taylor Reynolds, Scottsdale
Lloyd Abrams, Surprise
*Suparna Dasgupta, Tempe
Cory Whittaker, Valley Metro
*Gregory Arrington, Youngtown

**Not in attendance*
#Participated via audio conference

OTHERS IN ATTENDANCE

Scott Wilken, MAG
Merry Holmgren, MAG
Anubhav Bagley, MAG
Jason Howard, MAG
Jesse Ayers, MAG
Jami Dennis, MAG

Peter Burnett, MAG
Scott Bridwell, MAG
Vern Wolfley, MAG
Christian Gort, MAG
#Jim Castagnari, Census Bureau

1. Call to Order

The meeting was called to order at 10:01 a.m. by Chair Josh Wright. Voting members Tracy Clark, Larry Kirch, Andrea Marquez, Linda Edwards, Matt Holm, Keith Newman and Taylor Reynolds attended via audioconference. Presenter Jim Castagnari also attended via audioconference.

All members and guests introduced themselves.

2. Call to the Audience

There were no comments from the audience.

3. Approval of the Meeting Minutes of May 31, 2016

Cory Whittaker made a motion to approve the minutes of May 31, 2016. Jason Cleghorn seconded the motion, and the motion carried unanimously.

4. Census 2020 Preparation

Jim Castagnari gave a presentation regarding preparations for the 2020 Census. He discussed the Local Update of Census Addresses (LUCA), the Participant Statistical Area Program (PSAP), Geographic Support System, Boundary and Annexation Survey (BAS), and described the Census Bureau's geographic partnership tools. He ended with a timeline of the 2020 Census, which includes an update of LUCA starting in July 2017, the review and update of the BAS starting in December 2017, and the update of the PSAP in December 2018. Kevin Burke asked about the distribution of the materials. He asked if it would be pushed out by Census or if local jurisdictions will have to request it. Jim Castagnari said Census will send out notification and materials for LUCA. Scott Wilken added that notifications typically go to the highest elected official at local jurisdictions, so members should make their elected officials aware that they will receive these notifications.

5. MAG 2015 Employer Database

Christian Gort gave a presentation on the final 2015 version of the MAG Employer Database. He discussed the sources and review process of the database. He discussed statistics about the data in the database, including employers by size, employment concentration for the region, largest employers, industry clusters, and foreign-owned businesses. He said that the data is available in the online Employment Viewer. He said MAG is looking into expanding the database beyond just the MAG region, to include employers across the state, as well.

6. 2015/2016 MAG Resident Population Update Methodology and Data Collection for Census Estimates

Anubhav Bagley discussed population estimates methodology. He discussed the current process for creating population estimates through the State Demographer's Office. He said that these estimates are only used for calculations of expenditure limitations. He said that recent state legislation changed the calculation of state shared revenue distribution to use annual Census population estimates. He discussed the seven special censuses that were conducted in 2015 and how they will fit into the population estimates methodology. He also discussed errors that the State Demographer's Office had made in data going to the Census Bureau for use in their population estimates. He said that MAG is looking into the data that is provided to the Census Bureau, and will provide an update at a later date.

Thomas Ritz asked what adjustments the State Demographer made to the county control totals based on the special censuses. Anubhav Bagley said that the State Demographer has left the methodology to MAG POPTAC and MAG staff to determine.

7. Interactive Viewers Update

Vern Wolfley gave an update on the MAG interactive map viewers. He showed new enhancements to the Employment Viewer. He gave a preview of the new Freight Viewer. Anubhav Bagley said the Freight Viewer is still in beta and will be released at a future date. He discussed member agency requests for analysis by travel time, rather than by distance or other geographies. Scott Wilken

discussed the periodic training opportunities that MAG provides for the online viewers.

8. Data Collection and Review

Jason Howard gave an update on data collection and review activities.

9. Regional Updates

Thomas Ritz said that Glendale's updated General Plan was ratified in August.

10. Next Meeting of MAG POPTAC

Chair Josh Wright said that the next meeting is scheduled for Tuesday, October 25, 2016 at 10:00 am. The meeting adjourned at 11:10 am.

**Population Update
Census 2010 and July 1, 2016**

DRAFT

| | July 1, 2010 | 7/1/2016* | Change |
|-----------------|--------------|-----------|---------|
| Maricopa County | 3,817,117 | 4,152,807 | 335,690 |
| | | | |
| Pinal County | 375,770 | 417,001 | 41,231 |
| In MAG MPA | 238,159 | 267,361 | 29,202 |
| | | | |
| Yavapai County | 211,033 | 220,730 | 9,697 |
| In MAG MPA | 7 | 148 | 141 |
| | | | |
| MAG MPA total | 4,055,283 | 4,420,316 | 365,033 |

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

* DRAFT. Currently based on 2016 Projections.

Pinal County jurisdiction estimates were created in collaboration with CAG staff

See attached document for methodology

Jurisdiction Population Update

DRAFT

July 1, 2016

| Jurisdiction | Total population | | | Change since Census | | | Change since 2015 | |
|-----------------------------------|--------------------------------|--------------|--------------|---------------------|------------------------------|-----------------------------|-------------------|-------------------|
| | April 1, 2010 (Census 2010) | July 1, 2015 | July 1, 2016 | Change | Overall percent change | Annual percent change | Change | Percent change |
| Apache Junction | 35,840 | 38,662 | 39,695 | 3,855 | 10.76% | 1.22% | 1,033 | 2.67% |
| Maricopa County Portion | 294 | 305 | 307 | 13 | 4.42% | 0.59% | 2 | 0.66% |
| Pinal County Portion | 35,546 | 38,357 | 39,388 | 3,842 | 10.81% | 1.23% | 1,031 | 2.69% |
| Avondale | 76,238 | 79,495 | 80,379 | 4,141 | 5.43% | 0.67% | 884 | 1.11% |
| Buckeye | 50,876 | 62,440 | 65,738 | 14,862 | 29.21% | 3.33% | 3,298 | 5.28% |
| Carefree | 3,363 | 3,552 | 3,609 | 246 | 7.31% | 0.88% | 57 | 1.60% |
| Cave Creek | 5,015 | 5,471 | 5,519 | 504 | 10.05% | 1.40% | 48 | 0.88% |
| Chandler | 236,326 | 245,820 | 251,507 | 15,181 | 6.42% | 0.63% | 5,687 | 2.31% |
| El Mirage | 31,797 | 33,597 | 33,943 | 2,146 | 6.75% | 0.88% | 346 | 1.03% |
| Florence | 25,536 | 26,465 | 25,650 | 114 | 0.45% | 0.57% | -815 | -3.08% |
| Fort McDowell | 971 | 1,007 | 1,014 | 43 | 4.43% | 0.58% | 7 | 0.70% |
| Fountain Hills | 22,489 | 23,526 | 23,728 | 1,239 | 5.51% | 0.72% | 202 | 0.86% |
| Gila Bend | 1,922 | 1,992 | 2,006 | 84 | 4.37% | 0.57% | 14 | 0.70% |
| Gila River | 11,712 | 11,913 | 11,950 | 238 | 2.03% | 0.27% | 37 | 0.31% |
| Maricopa County Portion | 2,994 | 3,109 | 3,130 | 136 | 4.54% | 0.60% | 21 | 0.68% |
| Pinal County Portion | 8,718 | 8,804 | 8,820 | 102 | 1.17% | 0.16% | 16 | 0.18% |
| Gilbert | 208,352 | 234,446 | 240,849 | 32,497 | 15.60% | 1.91% | 6,403 | 2.73% |
| Glendale | 226,721 | 236,562 | 238,623 | 11,902 | 5.25% | 0.68% | 2,061 | 0.87% |
| Goodyear | 65,275 | 75,535 | 78,472 | 13,197 | 20.22% | 2.36% | 2,937 | 3.89% |
| Guadalupe | 5,523 | 6,182 | 6,242 | 719 | 13.02% | 1.82% | 60 | 0.97% |
| Litchfield Park | 5,476 | 6,065 | 6,211 | 735 | 13.42% | 1.65% | 146 | 2.41% |
| Maricopa city | 43,482 | 46,443 | 48,205 | 4,723 | 10.86% | 1.06% | 1,762 | 3.79% |
| Mesa | 439,041 | 464,492 | 469,311 | 30,270 | 6.89% | 0.91% | 4,819 | 1.04% |
| Paradise Valley | 12,820 | 13,779 | 13,983 | 1,163 | 9.07% | 1.16% | 204 | 1.48% |
| Peoria | 154,065 | 162,105 | 166,969 | 12,904 | 8.38% | 0.82% | 4,864 | 3.00% |
| Maricopa County Portion | 154,058 | 162,098 | 166,962 | 12,904 | 8.38% | 0.82% | 4,864 | 3.00% |
| Yavapai County Portion | 7 | 7 | 7 | 0 | 0.00% | 0.00% | 0 | 0.00% |
| Phoenix | 1,447,128 | 1,539,133 | 1,565,896 | 118,768 | 8.21% | 0.99% | 26,763 | 1.74% |
| Queen Creek | 26,361 | 33,306 | 36,237 | 9,876 | 37.46% | 3.81% | 2,931 | 8.80% |
| Maricopa County Portion | 25,912 | 32,853 | 35,764 | 9,852 | 38.02% | 3.87% | 2,911 | 8.86% |
| Pinal County Portion | 449 | 453 | 473 | 24 | 5.35% | 0.14% | 20 | 4.42% |
| Salt River | 6,289 | 6,692 | 6,756 | 467 | 7.43% | 1.00% | 64 | 0.96% |
| Scottsdale | 217,385 | 232,987 | 238,877 | 21,492 | 9.89% | 1.12% | 5,890 | 2.53% |
| Surprise | 117,517 | 126,593 | 128,673 | 11,156 | 9.49% | 1.20% | 2,080 | 1.64% |
| Tempe | 161,719 | 173,267 | 177,219 | 15,500 | 9.58% | 1.11% | 3,952 | 2.28% |
| Tolleson | 6,545 | 6,890 | 6,947 | 402 | 6.14% | 0.83% | 57 | 0.83% |
| Wickenburg | 6,363 | 6,743 | 7,004 | 641 | 10.07% | 0.93% | 261 | 3.87% |
| Maricopa County Portion | 6,363 | 6,693 | 6,863 | 500 | 7.86% | 0.81% | 170 | 2.54% |
| Yavapai County Portion | 0 | 50 | 141 | 141 | - | - | 91 | 182.00% |
| Youngtown | 6,156 | 6,516 | 6,560 | 404 | 6.56% | 0.91% | 44 | 0.68% |
| Unincorporated Maricopa County | 272,552 | 285,339 | 287,719 | 15,167 | 5.56% | 0.74% | 2,380 | 0.83% |
| Unincorporated Pinal County | 178,799 | 197,323 | 204,591 | 25,792 | 14.43% | 1.59% | 7,268 | 3.68% |
| Portions in MAG MPA | 124,428 | 139,008 | 144,825 | 20,397 | 16.39% | 1.79% | 5,817 | 4.18% |

Note: Totals may not add due to rounding

Sources: U.S. Census Bureau, Arizona State Demographer's Office, Maricopa Association of Governments (MAG), Central Arizona Governments (CAG)

See attached document for methodology

Municipality Population and Housing Unit Update

April 1, 2010 and July 1, 2016
Maricopa Association of Governments

DRAFT

| Jurisdiction | Census 2010 (April 1, 2010) | | | | July 1, 2015 | | | | | July 1, 2015 - June 30, 2016 | | | | July 1, 2016 Update | | | | Jurisdiction |
|--------------------------------|-----------------------------|-----------|---------------|---------------|--------------|-----------|---------------|---------------|---------------------------------------|------------------------------|-----------------------|------------------------------|--------------------------|---------------------|-----------|---------------|---------------|--------------------------------|
| | Population | | | Housing Units | Population | | | Housing Units | Household population per housing unit | Net Residential Completions | Annexed Housing Units | Annexed Household Population | Change in Group Quarters | Population | | | Housing Units | |
| | Total | Household | Group Quarter | | Total | Household | Group Quarter | | | | | | | Total | Household | Group Quarter | | |
| Apache Junction | 35,840 | 35,557 | 283 | 22,564 | 38,662 | 38,351 | 311 | 23,425 | 1.637 | 148 | 0 | 0 | 6 | 39,695 | 39,378 | 317 | 23,573 | Apache Junction |
| Maricopa County Portion | 294 | 294 | 0 | 293 | 305 | 305 | 0 | 293 | 1.041 | 0 | 0 | 0 | 0 | 307 | 307 | 0 | 293 | Maricopa County Portion |
| Pinal County Portion | 35,546 | 35,263 | 283 | 22,271 | 38,357 | 38,046 | 311 | 23,132 | 1.645 | 148 | 0 | 0 | 6 | 39,388 | 39,071 | 317 | 23,280 | Pinal County Portion |
| Avondale | 76,238 | 76,078 | 160 | 27,001 | 79,495 | 79,355 | 140 | 27,147 | 2.923 | 118 | 0 | 0 | -11 | 80,379 | 80,250 | 129 | 27,265 | Avondale |
| Buckeye | 50,876 | 45,782 | 5,094 | 18,207 | 62,440 | 56,761 | 5,679 | 21,408 | 2.651 | 1,032 | 1 | 1 | 150 | 65,738 | 59,909 | 5,829 | 22,441 | Buckeye |
| Carefree | 3,363 | 3,316 | 47 | 2,251 | 3,552 | 3,505 | 47 | 2,294 | 1.528 | 21 | 0 | 0 | 0 | 3,609 | 3,562 | 47 | 2,315 | Carefree |
| Cave Creek | 5,015 | 5,015 | 0 | 2,579 | 5,471 | 5,471 | 0 | 2,709 | 2.020 | 5 | 0 | 0 | 0 | 5,519 | 5,519 | 0 | 2,714 | Cave Creek |
| Chandler | 236,326 | 235,780 | 546 | 94,472 | 245,820 | 245,355 | 465 | 99,838 | 2.458 | 1,617 | 1 | 0 | -9 | 251,507 | 251,051 | 456 | 101,456 | Chandler |
| El Mirage | 31,797 | 31,784 | 13 | 11,326 | 33,597 | 33,584 | 13 | 11,537 | 2.911 | 39 | 0 | 0 | 0 | 33,943 | 33,930 | 13 | 11,576 | El Mirage |
| Florence | 25,536 | 7,836 | 17,700 | 5,224 | 26,465 | 9,311 | 17,154 | 5,976 | 1.558 | 177 | 0 | 0 | -1,287 | 25,650 | 9,783 | 15,867 | 6,153 | Florence |
| Fort McDowell | 971 | 971 | 0 | 308 | 1,007 | 1,007 | 0 | 308 | 3.269 | 0 | 0 | 0 | 0 | 1,014 | 1,014 | 0 | 308 | Fort McDowell |
| Fountain Hills | 22,489 | 22,307 | 182 | 13,167 | 23,526 | 23,344 | 182 | 13,279 | 1.758 | 23 | 0 | 0 | 0 | 23,728 | 23,546 | 182 | 13,302 | Fountain Hills |
| Gila Bend | 1,922 | 1,922 | 0 | 943 | 1,992 | 1,992 | 0 | 943 | 2.112 | 0 | 0 | 0 | 0 | 2,006 | 2,006 | 0 | 943 | Gila Bend |
| Gila River | 11,712 | 11,473 | 239 | 3,238 | 11,913 | 11,674 | 239 | 836 | 13.964 | 0 | 0 | 0 | 0 | 11,950 | 11,711 | 239 | 836 | Gila River |
| Maricopa County Portion | 2,994 | 2,984 | 10 | 835 | 3,109 | 3,099 | 10 | 836 | 3.707 | 0 | 0 | 0 | 0 | 3,130 | 3,120 | 10 | 836 | Maricopa County Portion |
| Pinal County Portion* | 8,718 | 8,489 | 229 | 2,403 | 8,804 | 8,575 | 229 | - | - | - | - | - | 0 | 8,820 | 8,591 | 229 | - | Pinal County Portion* |
| Gilbert | 208,352 | 208,048 | 304 | 74,870 | 234,446 | 233,695 | 751 | 83,382 | 2.803 | 1,697 | 0 | 0 | 0 | 240,849 | 240,098 | 751 | 85,079 | Gilbert |
| Glendale | 226,721 | 223,464 | 3,257 | 90,505 | 236,562 | 233,502 | 3,060 | 91,158 | 2.562 | 118 | 0 | 0 | 144 | 238,623 | 235,419 | 3,204 | 91,276 | Glendale |
| Goodyear | 65,275 | 61,447 | 3,828 | 25,027 | 75,535 | 71,114 | 4,421 | 29,041 | 2.449 | 962 | 0 | 0 | 74 | 78,472 | 73,977 | 4,495 | 30,003 | Goodyear |
| Guadalupe | 5,523 | 5,508 | 15 | 1,376 | 6,182 | 6,167 | 15 | 1,461 | 4.221 | 4 | 0 | 0 | 0 | 6,242 | 6,227 | 15 | 1,465 | Guadalupe |
| Litchfield Park | 5,476 | 5,439 | 37 | 2,716 | 6,065 | 6,028 | 37 | 2,898 | 2.080 | 50 | 0 | 0 | 0 | 6,211 | 6,174 | 37 | 2,948 | Litchfield Park |
| Maricopa city | 43,482 | 43,482 | 0 | 17,240 | 46,443 | 46,443 | 0 | 18,492 | 2.512 | 317 | 0 | 0 | 1 | 48,205 | 48,204 | 1 | 18,809 | Maricopa city |
| Mesa | 439,041 | 435,503 | 3,538 | 201,173 | 464,492 | 460,518 | 3,974 | 205,058 | 2.246 | 728 | 0 | 0 | -7 | 469,311 | 465,344 | 3,967 | 205,786 | Mesa |
| Paradise Valley | 12,820 | 12,789 | 31 | 5,643 | 13,779 | 13,748 | 31 | 5,833 | 2.357 | 46 | 0 | 0 | 0 | 13,983 | 13,952 | 31 | 5,879 | Paradise Valley |
| Peoria** | 154,058 | 152,831 | 1,227 | 64,814 | 162,098 | 159,704 | 2,394 | 66,956 | 2.385 | 1,566 | 0 | 0 | 0 | 166,962 | 164,568 | 2,394 | 68,522 | Peoria** |
| Phoenix | 1,447,128 | 1,425,390 | 21,738 | 590,612 | 1,539,133 | 1,511,233 | 27,900 | 603,259 | 2.505 | 6,144 | 0 | 0 | 830 | 1,565,896 | 1,537,166 | 28,730 | 609,403 | Phoenix |
| Queen Creek | 26,361 | 26,345 | 16 | 8,557 | 33,306 | 32,929 | 377 | 10,319 | 3.838 | 838 | 0 | 0 | 0 | 36,237 | 35,860 | 377 | 11,157 | Queen Creek |
| Maricopa County Portion | 25,912 | 25,896 | 16 | 8,394 | 32,853 | 32,476 | 377 | 10,150 | 3.200 | 834 | 0 | 0 | 0 | 35,764 | 35,387 | 377 | 10,984 | Maricopa County Portion |
| Pinal County Portion | 449 | 449 | 0 | 163 | 453 | 453 | 0 | 169 | 2.680 | 4 | 0 | 0 | 0 | 473 | 473 | 0 | 173 | Pinal County Portion |
| Salt River | 6,289 | 6,284 | 5 | 2,607 | 6,692 | 6,687 | 5 | 2,670 | 2.504 | 7 | 0 | 0 | 0 | 6,756 | 6,751 | 5 | 2,677 | Salt River |
| Scottsdale | 217,385 | 216,226 | 1,159 | 124,001 | 232,987 | 231,850 | 1,137 | 128,192 | 1.809 | 2,357 | 0 | 0 | -3 | 238,877 | 237,743 | 1,134 | 130,549 | Scottsdale |
| Surprise | 117,517 | 117,243 | 274 | 52,586 | 126,593 | 126,319 | 274 | 54,555 | 2.315 | 518 | 0 | 0 | 0 | 128,673 | 128,399 | 274 | 55,073 | Surprise |
| Tempe | 161,719 | 151,531 | 10,188 | 73,462 | 173,267 | 162,041 | 11,226 | 75,676 | 2.141 | 1,387 | 0 | 0 | -157 | 177,219 | 166,150 | 11,069 | 77,063 | Tempe |
| Tolleson | 6,545 | 6,545 | 0 | 2,169 | 6,890 | 6,890 | 0 | 2,203 | 3.128 | 3 | 0 | 0 | 0 | 6,947 | 6,947 | 0 | 2,206 | Tolleson |
| Wickenburg | 6,363 | 6,174 | 189 | 3,617 | 6,743 | 6,554 | 189 | 3,698 | 1.772 | 65 | 29 | 104 | 0 | 7,004 | 6,815 | 189 | 3,791 | Wickenburg |
| Maricopa County Portion | 6,363 | 6,174 | 189 | 3,617 | 6,693 | 6,504 | 189 | 3,669 | 1.773 | 12 | 28 | 103 | 0 | 6,863 | 6,674 | 189 | 3,709 | Maricopa County Portion |
| Yavapai County Portion | 0 | 0 | 0 | 0 | 50 | 50 | 0 | 29 | 1.724 | 53 | 1 | 1 | 0 | 141 | 141 | 0 | 82 | Yavapai County Portion |
| Youngtown | 6,156 | 5,953 | 203 | 2,831 | 6,516 | 6,313 | 203 | 2,896 | 2.180 | 0 | 0 | 0 | 0 | 6,560 | 6,357 | 203 | 2,896 | Youngtown |
| Unincorporated Maricopa County | 272,552 | 271,436 | 1,116 | 141,494 | 285,339 | 284,223 | 1,116 | 142,665 | 1.992 | 208 | 0 | 0 | 0 | 287,719 | 286,603 | 1,116 | 142,873 | Unincorporated Maricopa County |
| Unincorporated Pinal County*** | 178,799 | 178,347 | 452 | 78,056 | 197,323 | 196,581 | 742 | 85,059 | 2.412 | 1,327 | 0 | 0 | -171 | 204,591 | 204,020 | 571 | 86,386 | Unincorporated Pinal County*** |

Note: Totals may not add due to rounding

* Residential Completions and housing units for Pinal County portion of Gila River Indian Community are included in Unincorporated Pinal County

**Includes Maricopa County portion only

*** Unincorporated Pinal County includes portions outside the MAG Planning Area

Proposed 2016 Municipal Updates/Estimates methodology for Maricopa and Pinal Counties

County-level estimates

County level estimates are produced by the State Demographer's Office in the Office of Economic Opportuning (OEO) and serve as control totals for estimating household population at the jurisdiction-level. Estimates are generated using the Composite Method, wherein administrative data is tracked and applied to age-specific cohorts. The Composite Method methods relies on the following data sources:

| Population cohort | Data sources |
|--------------------------|-------------------------------------------------------------------------------|
| Age 0 – 4 | Births in last 5 years Deaths among 0-4 year olds in last 5 years |
| Age 5 – 17 | October 1 school enrollment counts from Arizona Department of Education (ADE) |
| Age 18-64 | Active drivers licenses and ID cards from MVD |
| Age 65+ | Social security enrollment Medicare enrollment |

At the current time, school enrollment data for 2015 has not been released by ADE and therefore OEO will not be able to produce county-level estimates for at least a few weeks. So in the current draft, county-level household population controls are obtained from the 2016 Projections. The estimates will be updated upon receiving final results from OEO. We expect the final county estimates will be within 2% of the current draft.

Jurisdiction-level estimates

1) Roll-back special census counts from October 1, 2015 to July 1, 2015

This step estimates what the special census counts would be had they been conducted for July 1, 2015. The methodology is as follows:

- 1) Calculate persons in households per residential unit from special census results.
- 2) Collect residential completions for July 1, 2015 to September 30, 2015.
- 3) Estimate household population added from July 1 to October 1 by multiplying net completions by the household persons per residential unit factor.
- 4) Subtract the July 1 to October 1 estimated growth from the special census counts.

2) Revise OEO/MAG population estimates for July 1, 2015

This step reconciles the special counts for jurisdictions that conducted a special census with those that did not, while maintaining the county composite totals. The results will serve as the base for estimates for 2016 (and later) until 2020 Census results are released. The methodology is as follows:

- 1) Begin with the adopted July 1, 2015 place estimates.
- 2) For jurisdictions that conducted a special census, replace estimates with adjusted special census counts for residential units, group quarters population, household population and total population as obtained through steps in Section 1.
- 3) Calculate a revised county-level group quarters population total. This is obtained by adding the sum of the special census group quarters counts to the sum of the group quarters estimates for cities that did not conduct a special census.
- 4) Calculate a revised county-level household population total. This is obtained by subtracting the revised group quarter population from the total population.
- 5) Adjust household population totals to match the county-level household population total. For cities that conducted a special census, this will be proportional to the rolled backs special census counts derived in Step 1. For cities that did not conduct a special census, this will be proportional to the original estimates.

3) Recalculate HUM factors

Typically, the housing unit method (HUM) is applied by multiplying the housing stock by the occupancy rate and persons per households from the previous census. However, given that the base itself has been adjusted we are proposing using a simpler persons in households per residential unit factor, calculated directly from the revised July 1, 2015 base, derived in Step 2. This is simply the household population for the revised base divided by the residential units in the revised base.

4) Estimate jurisdiction population for July 1, 2016

To obtain OEO/MAG estimates for July 1, 2016 we propose:

- 1) Collect residential completions, group quarters facility changes and annexations for July 1, 2015 to June 30, 2016. Update counts for residential units, annexed residential units and annexed population.
- 2) Update the group quarters population by calculating the change in tracked group quarters facilities from July 1, 2015 to July 1, 2016 and adding it to the estimated group quarters population for July 1, 2015.
- 3) Obtain the un-constrained household population by multiplying the non-annexed housing units by the household population per residential unit factor and adding this to the annexed population.
- 4) Bench the unconstrained household population to match the county-level household population control.
- 5) Obtain a final population by adding group quarter populations and household populations.