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October 13, 2004

TO: Members of the MAG POPTAC Ad Hoc Subcommittee
FROM: Harry Higgins, Scottsdale, Chairman
SUBJECT: TRANSMITTAL OF MEETING NOTICE AND TENTATIVE AGENDA

Tuesday, October 19, 2004 - 8:30 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 POPTAC may attend either in person, by telephone conference call or by videoconference. To videoconference to the meeting, prior arrangements need to be made with your site coordinator. Those attending by telephone conference call are requested to call 602-261-7510 between 9:55 a.m. and 10:00 a.m. After prompting, please enter the meeting ID number 767822 (POPTAC) on your telephone key pad followed by the pound sign. If you have a problem or require assistance, please dial 0 after calling the number above.

If you are driving, please park in the garage under the Compass Bank 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 13 people for the MAG POPTAC. 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

COMMITTEE ACTION REQUESTED

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 not to exceed a three minutes for their comments. A total of 15 minutes will be provided for the Call to the Audience agenda item, unless the Chair of the POPTAC requests an exception to this limit. Please note that 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 March 16, 2004

4. Enhancements to the Population Estimates Process

In the past few months numerous meetings of the DES POPTAC Methodology Subcommittee were held to discuss enhancements to the population estimates process. At the September 24, 2004 DES POPTAC meeting, methods and data for developing state and county estimates of resident population were discussed. MAG staff will provide a status report.

5. Preparation of Draft July 1, 2004 County and Municipality Resident Population Updates

____ Arizona Department of Economic Security (DES) is preparing the July 1, 2004 resident population updates for each county in the state. When developed, the Maricopa County update will become the control from which the municipality updates will be developed. Because of the deadlines for approving the updates and the schedule of MAG Management Committee and

2. For information.

3. For information, discussion and approval of the minutes of March 16, 2004.

4. For information and discussion.

5. For information, discussion and possible action to recommend approval of Draft July 1, 2004 County and Municipality Resident Population Updates to MAG POPTAC.

Regional Council, MAG staff have developed a draft set of updates based on a preliminary control total for Maricopa County. The Draft July 1, 2004 Maricopa County and municipality resident population updates are attached for your review. Because there may be changes to the State and county control totals by DES, POPTAC Ad Hoc Subcommittee is requested to recommend approval of these updates to MAG POPTAC Committee provided the County control total is within one percent of the final control total. Please see Attachment One.

6. Census 2005 Sample Size

After the Census 2005 workshop on October 7, 2004 requests were received to further discuss survey issues including sample size with Dennis Schwanz. Mr. Schwanz will be available by video-conference to answers questions and concerns from 9 to 10 am.

7. Adjournment

6. For information and discussion.

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
POPULATION TECHNICAL ADVISORY COMMITTEE ADHOC SUBCOMMITTEE

March 16, 2004
MAG Office, Suite 200, Saguaro Room
302 North 1st Avenue
Phoenix, Arizona

MEMBERS IN ATTENDANCE

Harry Higgins, Scottsdale, Chairman
Tim Tilton, Phoenix
David de la Torre, Chandler
Hector Tapia, Tempe
Karen Flores, Peoria

Tom Ellsworth, Mesa
**Kate Langford
*Matt Holm, Maricopa County
*Adrian Williamson, Avondale

*Those members neither present nor represented by proxy.

** Participated via audioconference.

OTHERS IN ATTENDANCE

Sam Andrea, Chandler
Harry Wolfe, MAG
Anubhav Bagley, MAG

Max Enterline, Phoenix
Mark Roberts, MAG

1. Call to Order

Chairman Harry Higgins called the meeting to order at 9:05 a.m.

2. Approval of Minutes of September 23, 2003

It was moved by Chairman Harry Higgins, seconded by David de la Torre and unanimously recommended to approve the meeting minutes of September 23, 2003.

3. Call to the Audience

There were no requests to address the MAG POPTAC AD Hoc Subcommittee.

4. Enhancements to the Population Estimates process

Anubhav Bagley informed the Subcommittee that two special meetings of the DES Methodology Subcommittee were held in February, to discuss enhancements to the population estimates process. At the March 5, 2004 DES POPTAC methods and data for developing state and county estimates of resident population were discussed. Using a presentation Anubhav explained the Population estimates framework and the details of the Housing Unit Method (HUM) and the suggested Composite Method. The new suggested Composite Method would estimate non-group quarter populations for 4 age-groups using a

ratio derived from the Census. The data sets used include - births and deaths data for population less than 5 years; school enrolment for 6-18 years, registered drivers licenses for 19-64 years and Medicare recipients for 65 and over populations. Anubhav also briefly explained the method used to estimate population at the Municipality level.

Harry Wolfe provided the subcommittee with a copy of a letter to the Department of Economic Security from the Office of the State Auditor General. In a recent Sunset review of the Department of Economic Security, a review was conducted of the annual population estimates process. Mr. Wolfe, discussed the findings in the letters and provided the subcommittee with an update of the discussions held at the DES POPTAC meeting.

Hector Tapia inquired about the involvement of other Councils of Governments (COGs) in the population estimates process. Harry explained that all COGs are members of the DES POPTAC and work with DES in developing the State and County Population estimates. MAG and PAG are the only COGs that develop population estimates for the municipalities. The rest of Arizona COGs rely on DES to prepare their estimates at the municipality level. Hector also inquired about the use of the County Control Total developed by DES. Harry explained that the population estimates developed using the Refined Housing Unit Method at the Municipality level is adjusted to the County Control Total. All jurisdictions are adjusted by the same factor in meeting the control total. Mr. Wolfe also explained that the two methods at the County and State level are needed to catch changes in Occupancy rates and Persons per household. A weighted average of the two methods (HUM and Composite) is used to derive the State and County population estimates.

Harry Higgins inquired about the details on the occupancy rates and person per household factors used in the refined HUM method used for the estimates at the municipality level. Mr. Wolfe explained that occupancy rates and person per household factors by unit type are used, and these are held constant at the Census 2000 level. After Census Survey 2005, new factors will be derived. Mr. Higgins noted that occupancy rates are very important since portions of North Scottsdale have a very high vacancy rate due to seasonal population.

David de la Torre confirmed with staff that the changes to the Composite Method included the use of an additional age group and the use of ratios in deriving the population components. He also inquired about changes to the HUM method. Harry Wolfe informed the subcommittee that DES POPTAC was recommending more documentation of the HUM method and data. Hector Tapia inquired if comparisons were done between the test population estimates and the Census estimates. Harry Wolfe informed the subcommittee that Prof. Alberta Charney from University of Arizona, Tucson had done some work and created a detailed spreadsheet. Mr. Wolfe said he would be happy to send a copy of the spreadsheet to anyone who would like to review it.

Max Enterline inquired about the homeless populations component. Harry Wolfe explained that the homeless populations are counted as part of the population resident in group-quarters. DES staff collects this data from the municipalities each year.

The meeting adjourned at 9:50 a.m.

July 1, 2004 Municipality Resident Population and Housing Unit Update

Methodology

1. Census Data

Using the Year 2000 Census as the base, determine the April 1, 2000 household population, group quarter population, total housing units, occupied housing units, occupancy rates and population per occupied unit by unit type for each jurisdiction.

2. New Data

Obtain residential housing unit completions and demolitions for the time period of April 1, 2000 through June 30, 2004. This data is received quarterly by MAG from MAG member agencies. Subtract residential demolitions from residential completions by Municipality by unit type to determine net new housing units.

Obtain annexed and de-annexed housing unit data from DES. Determine population change from annexations/de-annexations using persons per occupied housing units and occupancy rates.

Obtain July 1, 2004 group quarter population from DES annual survey.

3. Housing Unit Calculations

Calculate the July 1, 2004 housing stock by unit type by municipality by adding the net new housing units and the net annexed housing units from step 2 to the Census base.

4. Population Calculations

Calculate household population by multiplying the housing stock from step 3 times the respective occupancy rates and persons per occupied unit (by unit type by municipality).

Bench the residential population in households to the county control total from DES to obtain July 1, 2004 population in households.

Calculate the Total Resident Population for July 1, 2004 by adding the July 1, 2004 group quarter population from step 2 to the July 1, 2004 household population.

Round the county resident population total to the nearest 25 persons and each municipality population to the nearest 5 persons.

MARICOPA ASSOCIATION OF GOVERNMENTS
POPULATION BY JURISDICTION
2000 CENSUS AND JULY 1, 2004

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Jurisdiction	Total Population			Percent Growth		Share	
	April 1, 2000 (Census)	July 1, 2004 (Draft)	Change	Overall	Annual	Share of Growth	Share of County
Apache Junction *	273	275	2	0.7%	0.2%	0.0%	0.0%
Avondale	35,883	58,930	23,047	64.2%	12.4%	5.4%	1.7%
Buckeye **	8,497	14,325	5,828	68.6%	13.1%	1.4%	0.4%
Carefree	2,927	3,290	363	12.4%	2.8%	0.1%	0.1%
Cave Creek	3,728	4,335	607	16.3%	3.6%	0.1%	0.1%
Chandler	176,581	218,330	41,749	23.6%	5.1%	9.8%	6.2%
El Mirage	7,609	27,180	19,571	257.2%	34.9%	4.6%	0.8%
Fountain Hills	20,235	22,365	2,130	10.5%	2.4%	0.5%	0.6%
Gila Bend	1,980	2,025	45	2.3%	0.5%	0.0%	0.1%
Gila River *	2,699	2,740	41	1.5%	0.4%	0.0%	0.1%
Gilbert	109,697	161,690	51,993	47.4%	9.6%	12.2%	4.6%
Glendale	218,812	232,545	13,733	6.3%	1.4%	3.2%	6.6%
Goodyear	18,911	34,910	15,999	84.6%	15.5%	3.7%	1.0%
Guadalupe	5,228	5,370	142	2.7%	0.6%	0.0%	0.2%
Litchfield Park	3,810	3,915	105	2.8%	0.6%	0.0%	0.1%
Mesa	396,375	444,420	48,045	12.1%	2.7%	11.2%	12.7%
Paradise Valley	13,664	14,365	701	5.1%	1.2%	0.2%	0.4%
Peoria *	108,363	130,995	22,632	20.9%	4.6%	5.3%	3.7%
Phoenix	1,321,045	1,410,995	89,950	6.8%	1.6%	21.0%	40.3%
Queen Creek *	4,197	10,865	6,668	158.9%	25.1%	1.6%	0.3%
Salt River	6,405	6,760	355	5.5%	1.3%	0.1%	0.2%
Scottsdale	202,705	220,130	17,425	8.6%	2.0%	4.1%	6.3%
Surprise	30,848	62,155	31,307	101.5%	17.9%	7.3%	1.8%
Tempe	158,625	160,715	2,090	1.3%	0.3%	0.5%	4.6%
Tolleson	4,974	5,420	446	9.0%	2.0%	0.1%	0.2%
Wickenburg	5,082	5,930	848	16.7%	3.7%	0.2%	0.2%
Youngtown	3,010	3,945	935	31.1%	6.6%	0.2%	0.1%
Unin-New River	10,740	11,005	265	2.5%	0.6%	0.1%	0.3%
Unin-Rio Verde	1,419	1,570	151	10.6%	2.4%	0.0%	0.0%
Unin-Sun City	38,309	38,640	331	0.9%	0.2%	0.1%	1.1%
Unin-Sun City West	26,344	26,480	136	0.5%	0.1%	0.0%	0.8%
Unin-Sun Lakes	11,936	13,375	1,439	12.1%	2.7%	0.3%	0.4%
Unin-Other	111,238	140,010	28,772	25.9%	5.6%	6.7%	4.0%
Total	3,072,149	3,500,000	427,851	13.9%	3.1%	100.0%	100.0%

* Maricopa County portion only

** Buckeye's growth rate from 2000 to 2004 resulted in part from the transfer of the Lewis Prison population. The Census Bureau had incorrectly assigned the prison population to the unincorporated area in the 2000 Census.

MAG is required to round the county resident population total to the nearest 25 persons and the municipality population to the nearest 5 persons.

Sources: U.S. Bureau of the Census Year 2000 Census, MAG Residential Completion database.

Prepared by the Maricopa Association of Governments, October 2004.

JULY 1, 2004 MUNICIPALITY POPULATION AND HOUSING UNIT UPDATE

TABLE 1

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MARICOPA ASSOCIATION OF GOVERNMENTS

Jurisdiction	Year 2000 Census (April 1, 2000)					Net Units 4/01/2000 - 6/30/2003	Population from new Units	Annexations		July 1, 2004 Effective		July 1, 2004 Update			
	Population			Housing Units				Population	Housing Units	Pop. Per Occupied Unit	Occupancy Rate	Population		Total (Round to 5)	Total Housing Units
	Total	Household	Group Quarter	Total	Occupied							Household	Group Quarter		
Apache Junction *	273	273	0	328	163	0	0	0	1.67	0.50	273	0	275	328	
Avondale	35,883	35,737	146	11,419	10,640	7,905	22,992	23	7	3.25	0.93	58,752	176	58,930	19,331
Buckeye	8,497	6,528	1,969	2,344	2,158	1,166	3,015	44	14	2.94	0.93	9,586	4,741	14,325	3,524
Carefree	2,927	2,927	0	1,769	1,389	238	362	0	0	2.09	0.78	3,289	0	3,290	2,007
Cave Creek	3,728	3,728	0	1,753	1,571	307	607	0	0	2.35	0.90	4,335	0	4,335	2,060
Chandler	176,581	175,799	782	66,592	62,377	16,991	40,571	567	200	2.77	0.94	216,937	1,394	218,330	83,783
El Mirage	7,609	7,608	1	3,162	2,121	6,155	19,549	5	5	3.52	0.83	27,162	18	27,180	9,327
Fountain Hills	20,235	20,228	7	10,491	8,653	1,014	1,954	0	0	2.33	0.83	22,182	182	22,365	11,505
Gila Bend	1,980	1,980	0	766	659	18	45	0	0	3.00	0.86	2,025	0	2,025	784
Gila River *	2,699	2,654	45	685	629	10	40	0	0	4.22	0.92	2,694	45	2,740	695
Gilbert	109,697	109,631	66	37,007	35,405	15,751	43,139	8,777	2,868	3.03	0.96	161,547	142	161,690	55,626
Glendale	218,812	215,955	2,857	79,667	75,700	5,534	13,634	18	6	2.84	0.95	229,607	2,937	232,545	85,207
Goodyear	18,911	16,541	2,370	6,771	6,179	6,793	15,564	0	0	2.59	0.91	32,105	2,805	34,910	13,564
Guadalupe	5,228	5,220	8	1,184	1,110	35	149	0	0	4.70	0.94	5,369	0	5,370	1,219
Litchfield Park	3,810	3,780	30	1,633	1,508	48	104	0	0	2.50	0.92	3,884	30	3,915	1,681
Mesa	396,375	392,426	3,949	175,701	146,643	18,596	43,936	2,976	1,052	2.67	0.84	439,338	5,083	444,420	195,349
Paradise Valley	13,664	13,652	12	5,499	5,034	315	715	0	0	2.70	0.92	14,367	0	14,365	5,814
Peoria *	108,363	106,849	1,514	42,570	39,183	9,643	22,580	0	0	2.69	0.92	129,429	1,568	130,995	52,213
Phoenix	1,321,045	1,298,577	22,468	495,832	465,834	35,597	87,714	152	52	2.78	0.94	1,386,443	24,552	1,410,995	531,481
Queen Creek *	4,197	4,197	0	1,229	1,172	2,155	6,569	0	0	3.35	0.95	10,766	98	10,865	3,384
Salt River	6,405	6,355	50	2,526	1,959	105	356	0	0	3.27	0.78	6,711	50	6,760	2,631
Scottsdale	202,705	201,028	1,677	104,974	90,669	9,905	17,302	4	2	2.20	0.86	218,334	1,798	220,130	114,881
Surprise	30,848	30,724	124	16,260	12,484	16,229	31,291	0	0	2.39	0.80	62,015	140	62,155	32,489
Tempe	158,625	153,383	5,242	67,068	63,602	842	1,760	0	0	2.41	0.95	155,143	5,573	160,715	67,910
Tolleson	4,974	4,974	0	1,485	1,432	252	446	0	0	3.30	0.94	5,420	0	5,420	1,737
Wickenburg	5,082	5,039	43	2,691	2,341	184	348	274	120	2.16	0.87	5,661	271	5,930	2,995
Youngtown	3,010	2,857	153	1,783	1,641	311	463	0	0	1.72	0.92	3,320	625	3,945	2,094
Unin-New River	10,740	10,695	45	4,514	3,921	124	267	0	0	2.72	0.87	10,962	45	11,005	4,638
Unin-Rio Verde	1,419	1,419	0	1,168	761	136	153	0	0	1.85	0.65	1,572	0	1,570	1,304
Unin-Sun City	38,309	37,641	668	27,731	23,490	261	333	0	0	1.60	0.85	37,974	668	38,640	27,992
Unin-Sun City West	26,344	26,083	261	17,359	14,997	95	135	0	0	1.74	0.86	26,218	261	26,480	17,454
Unin-Sun Lakes	11,936	11,936	0	7,746	6,683	1,005	1,440	0	0	1.77	0.86	13,376	0	13,375	8,751
Unin-Other	111,238	110,942	296	48,524	40,778	16,805	41,362	-12,841	-4,326	2.70	0.85	139,463	550	140,010	60,998
Total	3,072,149	3,027,366	44,783	1,250,231	1,132,886	174,525	418,882	0	0	2.67	0.91	3,446,248	53,752	3,500,000	1,424,756

Note: Totals may not add due to rounding.

* Maricopa County portion only.

Sources: U.S. Bureau of the Census Year 2000 Census, Arizona Department of Economic Security, Maricopa Association of Governments Residential Completion database.

Prepared by the Maricopa Association of Governments, October 2004.

YEAR 2000 CENSUS OF POPULATION AND HOUSING
Resident Housing Unit and Population Information by Municipality
MARICOPA ASSOCIATION OF GOVERNMENTS

TABLE 2

Jurisdiction	Total Resident Housing Units (April 1, 2000)				Occupied Resident Housing Units (April 1, 2000)				Population (April 1, 2000)					
	Single Family	Multi-Family	Other	Total	Single Family	Multi-Family	Other	Total	Single Family	Multi-Family	Other	Pop. In Households	Pop. in Grp. Qrts.	TOTAL
Apache Junction *	0	185	143	328	0	89	74	163	0	155	118	273	0	273
Avondale	8,599	1,581	1,239	11,419	8,255	1,234	1,151	10,640	28,582	3,149	4,006	35,737	146	35,883
Buckeye	1,284	451	609	2,344	1,212	418	528	2,158	4,182	942	1,404	6,528	1,969	8,497
Carefree	1,604	163	2	1,769	1,269	118	2	1,389	2,751	171	5	2,927	0	2,927
Cave Creek	1,449	181	123	1,753	1,332	155	84	1,571	3,193	360	175	3,728	0	3,728
Chandler	50,762	13,669	2,161	66,592	48,788	11,754	1,835	62,377	144,270	26,514	5,015	175,799	782	176,581
El Mirage	1,627	322	1,213	3,162	1,498	273	350	2,121	5,664	960	984	7,608	1	7,609
Fountain Hills	8,102	2,389	0	10,491	7,202	1,451	0	8,653	17,694	2,534	0	20,228	7	20,235
Gila Bend	428	100	238	766	368	88	203	659	1,023	254	703	1,980	0	1,980
Gila River *	527	39	119	685	511	33	85	629	2,268	119	267	2,654	45	2,699
Gilbert	33,304	3,569	134	37,007	31,986	3,292	127	35,405	101,821	7,405	405	109,631	66	109,697
Glendale	51,924	22,775	4,968	79,667	50,527	20,675	4,498	75,700	156,874	48,142	10,939	215,955	2,857	218,812
Goodyear	5,879	575	317	6,771	5,340	522	317	6,179	14,415	1,319	807	16,541	2,370	18,911
Guadalupe	971	93	120	1,184	909	90	111	1,110	4,472	238	510	5,220	8	5,228
Litchfield Park	1,529	104	0	1,633	1,425	83	0	1,508	3,566	214	0	3,780	30	3,810
Mesa	95,457	47,196	33,048	175,701	89,210	40,806	16,627	146,643	269,215	91,328	31,883	392,426	3,949	396,375
Paradise Valley	5,477	15	7	5,499	5,012	15	7	5,034	13,599	30	23	13,652	12	13,664
Peoria *	33,392	5,047	4,131	42,570	31,793	4,199	3,191	39,183	92,511	7,574	6,764	106,849	1,514	108,363
Phoenix	311,575	162,461	21,796	495,832	301,382	145,394	19,058	465,834	911,008	337,737	49,832	1,298,577	22,468	1,321,045
Queen Creek *	986	0	243	1,229	944	0	228	1,172	3,349	0	848	4,197	0	4,197
Salt River	1,033	15	1,478	2,526	1,022	15	922	1,959	4,496	43	1,816	6,355	50	6,405
Scottsdale	71,301	32,656	1,017	104,974	63,411	26,429	829	90,669	153,139	46,194	1,695	201,028	1,677	202,705
Surprise	12,056	1,378	2,826	16,260	10,185	829	1,470	12,484	25,713	1,724	3,287	30,724	124	30,848
Tempe	36,722	27,620	2,726	67,068	35,734	25,390	2,478	63,602	95,836	51,673	5,874	153,383	5,242	158,625
Tolleson	1,165	280	40	1,485	1,165	227	40	1,432	4,402	485	87	4,974	0	4,974
Wickenburg	1,501	594	596	2,691	1,367	507	467	2,341	3,362	950	727	5,039	43	5,082
Youngtown	1,236	537	10	1,783	1,145	496	0	1,641	2,121	736	0	2,857	153	3,010
Unin-New River	3,969	17	528	4,514	3,421	12	488	3,921	9,593	41	1,061	10,695	45	10,740
Unin-Rio Verde	1,168	0	0	1,168	761	0	0	761	1,419	0	0	1,419	0	1,419
Unin-Sun City	23,397	4,248	86	27,731	19,524	3,883	83	23,490	32,180	5,345	116	37,641	668	38,309
Unin-Sun City West	16,264	1,085	10	17,359	14,118	869	10	14,997	24,872	1,192	19	26,083	261	26,344
Unin-Sun Lakes	6,685	73	988	7,746	5,718	73	892	6,683	10,451	96	1,389	11,936	0	11,936
Unin-Other	29,825	2,643	16,056	48,524	27,588	2,280	10,910	40,778	78,935	4,435	27,572	110,942	296	111,238
Total	821,198	332,061	96,972	1,250,231	774,122	291,699	67,065	1,132,886	2,226,976	642,059	158,331	3,027,366	44,783	3,072,149

* Maricopa County portion only.

Note: Total Housing Units and Population consistent with full Census count.

Prepared by the Maricopa Association of Governments, October 2004.

YEAR 2000 CENSUS OF POPULATION AND HOUSING
Occupancy Rates and Population per Occupied Housing Unit by Municipality
MARICOPA ASSOCIATION OF GOVERNMENTS

TABLE 3

Jurisdiction	Occupancy Rates (April 1, 2000)				Population per Occupied Unit (April 1, 2000)			
	Single Family	Multi-Family	Other	Total	Single Family	Multi-Family	Other	Total
Apache Junction *	0.00	0.48	0.52	0.50	0.00	1.74	1.59	1.67
Avondale	0.96	0.78	0.93	0.93	3.46	2.55	3.48	3.36
Buckeye	0.94	0.93	0.87	0.92	3.39	2.25	2.66	3.03
Carefree	0.79	0.72	1.00	0.79	2.15	1.45	2.50	2.11
Cave Creek	0.92	0.86	0.68	0.90	2.43	2.32	2.08	2.37
Chandler	0.96	0.86	0.85	0.94	2.96	2.26	2.73	2.82
El Mirage	0.92	0.85	0.29	0.67	3.83	3.52	2.81	3.59
Fountain Hills	0.89	0.61	0.00	0.82	2.46	1.75	0.00	2.34
Gila Bend	0.86	0.88	0.85	0.86	2.83	2.89	3.46	3.00
Gila River *	0.97	0.85	0.71	0.92	4.46	3.61	3.14	4.22
Gilbert	0.96	0.92	0.95	0.96	3.18	2.25	3.19	3.10
Glendale	0.97	0.91	0.91	0.95	3.11	2.33	2.43	2.85
Goodyear	0.91	0.91	1.00	0.91	2.73	2.53	2.55	2.68
Guadalupe	0.94	0.97	0.93	0.94	4.92	2.64	4.59	4.70
Litchfield Park	0.93	0.80	0.00	0.92	2.50	2.58	0.00	2.51
Mesa	0.93	0.86	0.50	0.83	3.01	2.24	1.92	2.68
Paradise Valley	0.92	1.00	1.00	0.92	2.69	2.00	3.29	2.71
Peoria *	0.95	0.83	0.77	0.92	2.90	1.80	2.12	2.73
Phoenix	0.97	0.89	0.87	0.94	3.02	2.32	2.61	2.79
Queen Creek *	0.96	0.00	0.94	0.95	3.49	0.00	3.72	3.58
Salt River	0.99	1.00	0.62	0.78	4.39	2.87	1.97	3.24
Scottsdale	0.89	0.81	0.82	0.86	2.42	1.75	2.04	2.22
Surprise	0.84	0.60	0.52	0.77	2.52	2.08	2.24	2.46
Tempe	0.97	0.92	0.91	0.95	2.69	2.04	2.37	2.41
Tolleson	1.00	0.81	1.00	0.96	3.79	2.14	2.18	3.47
Wickenburg	0.91	0.85	0.78	0.87	2.51	1.87	1.56	2.15
Youngtown	0.93	0.92	0.00	0.92	1.87	1.48	0.00	1.74
Unin-New River	0.86	0.71	0.92	0.87	2.80	3.42	2.17	2.73
Unin-Rio Verde	0.65	0.00	0.00	0.65	1.81	0.00	0.00	1.86
Unin-Sun City	0.83	0.91	0.97	0.85	1.65	1.38	1.40	1.60
Unin-Sun City West	0.87	0.80	1.00	0.86	1.77	1.37	1.90	1.74
Unin-Sun Lakes	0.86	1.00	0.90	0.86	1.82	1.32	1.56	1.79
Unin-Other	0.92	0.84	0.68	0.84	2.86	1.94	2.52	2.72
Total	0.94	0.88	0.69	0.91	2.88	2.20	2.36	2.67

* Maricopa County portion only.

Note: An Occupancy Rate or Population per Occupied Unit of 0.00 signifies that there were no units for this unit type.

Sources: U.S. Bureau of the Census Year 2000 Census.

Prepared by the Maricopa Association of Governments, October 2004.

JULY 1, 2004 MUNICIPALITY POPULATION AND HOUSING UNIT UPDATE
Net Housing Unit Completion and Annexation Information by Municipality (April 1, 2000 - June 30, 2004)

TABLE 4

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MARICOPA ASSOCIATION OF GOVERNMENTS

Jurisdiction	Net Housing Units (Completions - Demolitions)				Annexed Housing Units			
	Single Family	Multi-Family	Other	Total	Single Family	Multi-Family	Other	Total
Apache Junction *	0	0	0	0	0	0	0	0
Avondale	6,869	1,036	0	7,905	7	0	0	7
Buckeye	789	316	61	1,166	14	0	0	14
Carefree	238	0	0	238	0	0	0	0
Cave Creek	302	4	1	307	0	0	0	0
Chandler	12,209	4,782	0	16,991	200	0	0	200
El Mirage	6,102	7	46	6,155	0	0	5	5
Fountain Hills	928	86	0	1,014	0	0	0	0
Gila Bend	11	0	7	18	0	0	0	0
Gila River *	10	0	0	10	0	0	0	0
Gilbert	14,858	893	0	15,751	2,868	0	0	2,868
Glendale	3,358	2,176	0	5,534	6	0	0	6
Goodyear	6,785	8	0	6,793	0	0	0	0
Guadalupe	35	0	0	35	0	0	0	0
Litchfield Park	48	0	0	48	0	0	0	0
Mesa	13,939	3,892	765	18,596	1,052	0	0	1,052
Paradise Valley	315	0	0	315	0	0	0	0
Peoria *	7,825	1,729	89	9,643	0	0	0	0
Phoenix	24,568	11,012	17	35,597	52	0	0	52
Queen Creek *	2,155	0	0	2,155	0	0	0	0
Salt River	82	0	23	105	0	0	0	0
Scottsdale	6,379	3,526	0	9,905	2	0	0	2
Surprise	15,409	744	76	16,229	0	0	0	0
Tempe	444	398	0	842	0	0	0	0
Tolleson	22	228	2	252	0	0	0	0
Wickenburg	151	32	1	184	120	0	0	120
Youngtown	158	153	0	311	0	0	0	0
Unin-New River	87	0	37	124	0	0	0	0
Unin-Rio Verde	136	0	0	136	0	0	0	0
Unin-Sun City	261	0	0	261	0	0	0	0
Unin-Sun City West	95	0	0	95	0	0	0	0
Unin-Sun Lakes	999	0	6	1,005	0	0	0	0
Unin-Other	14,248	5	2,552	16,805	-4,321	0	-5	-4,326
Total	139,815	31,027	3,683	174,525	0	0	0	0

* Maricopa County portion only.

Sources: Maricopa Association of Governments Residential Completion database.
 Prepared by the Maricopa Association of Governments, October 2004.

JULY 1, 2004 MUNICIPALITY POPULATION AND HOUSING UNIT UPDATE

TABLE 5
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MARICOPA ASSOCIATION OF GOVERNMENTS

Jurisdiction	Total Resident Housing Units (July 1, 2004)				Occupied Resident Housing Units (July 1, 2004)				Population (July 1, 2004)					
	Single Family	Multi-Family	Other	Total	Single Family	Multi-Family	Other	Total	Single Family	Multi-Family	Other	Pop. In Households	Pop. in Grp. Qrts.	TOTAL
Apache Junction *	0	185	143	328	0	89	74	163	0	155	118	273	0	273
Avondale	15,475	2,617	1,239	19,331	14,857	2,043	1,151	18,051	49,776	4,969	4,006	58,752	176	58,928
Buckeye	2,087	767	670	3,524	1,971	711	580	3,262	6,515	1,535	1,536	9,586	4,741	14,327
Carefree	1,842	163	2	2,007	1,451	118	2	1,571	3,113	171	5	3,289	0	3,289
Cave Creek	1,751	185	124	2,060	1,601	158	85	1,844	3,790	367	178	4,335	0	4,335
Chandler	63,171	18,451	2,161	83,783	60,700	15,866	1,835	78,401	177,066	34,857	5,015	216,937	1,394	218,331
El Mirage	7,729	329	1,269	9,327	7,079	279	366	7,724	25,158	979	1,025	27,162	18	27,180
Fountain Hills	9,030	2,475	0	11,505	8,026	1,503	0	9,529	19,571	2,612	0	22,182	182	22,364
Gila Bend	439	100	245	784	378	88	209	675	1,048	254	723	2,025	0	2,025
Gila River *	537	39	119	695	521	33	85	639	2,308	119	267	2,694	45	2,739
Gilbert	51,030	4,462	134	55,626	49,003	4,116	127	53,246	152,122	9,021	405	161,547	142	161,689
Glendale	55,288	24,951	4,968	85,207	53,800	22,650	4,498	80,948	166,359	52,309	10,939	229,607	2,937	232,544
Goodyear	12,664	583	317	13,564	11,551	529	317	12,398	29,962	1,336	807	32,105	2,805	34,910
Guadalupe	1,006	93	120	1,219	942	90	111	1,143	4,621	238	510	5,369	0	5,369
Litchfield Park	1,577	104	0	1,681	1,470	83	0	1,553	3,670	214	0	3,884	30	3,914
Mesa	110,448	51,088	33,813	195,349	103,233	44,171	17,021	164,425	308,785	98,068	32,485	439,338	5,083	444,421
Paradise Valley	5,792	15	7	5,814	5,301	15	7	5,323	14,314	30	23	14,367	0	14,367
Peoria *	41,217	6,776	4,220	52,213	39,236	5,637	3,269	48,142	112,672	9,842	6,914	129,429	1,568	130,997
Phoenix	336,195	173,473	21,813	531,481	325,202	155,249	19,073	499,524	978,124	358,439	49,868	1,386,431	24,552	1,410,983
Queen Creek *	3,141	0	243	3,384	2,990	0	228	3,218	9,918	0	848	10,766	98	10,864
Salt River	1,115	15	1,501	2,631	1,103	15	936	2,055	4,830	43	1,838	6,711	50	6,761
Scottsdale	77,682	36,182	1,017	114,881	69,086	29,283	829	99,197	165,954	50,685	1,695	218,334	1,798	220,132
Surprise	27,465	2,122	2,902	32,489	23,175	1,277	1,512	25,963	56,103	2,539	3,372	62,015	140	62,155
Tempe	37,166	28,018	2,726	67,910	36,166	25,756	2,478	64,400	96,919	52,351	5,874	155,143	5,573	160,716
Tolleson	1,187	508	42	1,737	1,187	412	42	1,641	4,482	847	91	5,420	0	5,420
Wickenburg	1,772	626	597	2,995	1,616	534	468	2,619	3,941	992	728	5,661	271	5,932
Youngtown	1,394	690	10	2,094	1,292	637	0	1,929	2,376	927	17	3,320	625	3,945
Unin-New River	4,056	17	565	4,638	3,497	12	523	4,031	9,790	41	1,131	10,962	45	11,007
Unin-Rio Verde	1,304	0	0	1,304	849	0	0	849	1,572	0	0	1,572	0	1,572
Unin-Sun City	23,658	4,248	86	27,992	19,743	3,883	83	23,709	32,513	5,345	116	37,974	668	38,642
Unin-Sun City West	16,359	1,085	10	17,454	14,200	869	10	15,079	25,007	1,192	19	26,218	261	26,479
Unin-Sun Lakes	7,684	73	994	8,751	6,569	73	897	7,540	11,884	96	1,397	13,376	0	13,376
Unin-Other	39,752	2,648	18,598	60,998	36,757	2,284	12,681	51,722	103,269	4,442	31,751	139,463	550	140,013
Total	961,013	363,088	100,655	1,424,756	904,550	318,464	69,497	1,292,511	2,587,529	695,017	163,702	3,446,248	53,752	3,500,000

* Maricopa County portion only.

Note: Totals may not add due to rounding

Prepared by the Maricopa Association of Governments, October 2004.

JULY 1, 2004 MUNICIPALITY POPULATION AND HOUSING UNIT UPDATE
Occupancy Rates and Population per Occupied Housing Unit by Municipality

TABLE 6

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MARICOPA ASSOCIATION OF GOVERNMENTS

Jurisdiction	Occupancy Rates (July 1, 2004)					Population per Occupied Unit (July 1, 2004)			
	Single Family	Multi-Family	Other	Total		Single Family	Multi-Family	Other	Total
Apache Junction *	0.00	0.48	0.52	0.50		0.00	1.74	1.59	1.67
Avondale	0.96	0.78	0.93	0.93		3.35	2.43	3.48	3.25
Buckeye	0.94	0.93	0.87	0.93		3.30	2.16	2.65	2.94
Carefree	0.79	0.72	1.00	0.78		2.15	1.45	2.50	2.09
Cave Creek	0.91	0.86	0.68	0.90		2.37	2.32	2.10	2.35
Chandler	0.96	0.86	0.85	0.94		2.92	2.20	2.73	2.77
El Mirage	0.92	0.85	0.29	0.83		3.55	3.51	2.80	3.52
Fountain Hills	0.89	0.61	0.00	0.83		2.44	1.74	0.00	2.33
Gila Bend	0.86	0.88	0.85	0.86		2.77	2.89	3.46	3.00
Gila River *	0.97	0.85	0.71	0.92		4.43	3.61	3.14	4.22
Gilbert	0.96	0.92	0.95	0.96		3.10	2.19	3.19	3.03
Glendale	0.97	0.91	0.91	0.95		3.09	2.31	2.43	2.84
Goodyear	0.91	0.91	1.00	0.91		2.59	2.52	2.55	2.59
Guadalupe	0.94	0.97	0.93	0.94		4.91	2.64	4.59	4.70
Litchfield Park	0.93	0.80	0.00	0.92		2.50	2.58	0.00	2.50
Mesa	0.93	0.86	0.50	0.84		2.99	2.22	1.91	2.67
Paradise Valley	0.92	1.00	1.00	0.92		2.70	2.00	3.29	2.70
Peoria *	0.95	0.83	0.77	0.92		2.87	1.75	2.12	2.69
Phoenix	0.97	0.89	0.87	0.94		3.01	2.31	2.61	2.78
Queen Creek *	0.95	0.00	0.94	0.95		3.32	0.00	3.72	3.35
Salt River	0.99	1.00	0.62	0.78		4.38	2.87	1.96	3.27
Scottsdale	0.89	0.81	0.82	0.86		2.40	1.73	2.04	2.20
Surprise	0.84	0.60	0.52	0.80		2.42	1.99	2.23	2.39
Tempe	0.97	0.92	0.91	0.95		2.68	2.03	2.37	2.41
Tolleson	1.00	0.81	1.00	0.94		3.78	2.06	2.17	3.30
Wickenburg	0.91	0.85	0.78	0.87		2.44	1.86	1.56	2.16
Youngtown	0.93	0.92	0.00	0.92		1.84	1.46	0.00	1.72
Unin-New River	0.86	0.71	0.93	0.87		2.80	3.42	2.16	2.72
Unin-Rio Verde	0.65	0.00	0.00	0.65		1.85	0.00	0.00	1.85
Unin-Sun City	0.83	0.91	0.97	0.85		1.65	1.38	1.40	1.60
Unin-Sun City West	0.87	0.80	1.00	0.86		1.76	1.37	1.90	1.74
Unin-Sun Lakes	0.85	1.00	0.90	0.86		1.81	1.32	1.56	1.77
Unin-Other	0.92	0.86	0.68	0.85		2.81	1.94	2.50	2.70
Total	0.94	0.88	0.69	0.91		2.86	2.18	2.36	2.67

* Maricopa County portion only.

Note: An Occupancy Rate or Population per Occupied Unit of 0.00 signifies that there were no units for this unit type.

Prepared by the Maricopa Association of Governments, October 2004.