

2012 Population and Employment Projections



MAG POPTAC Ad Hoc Subcommittee
October 30, 2012

Population Projections

Executive Order 2011-04

- One set of official projections
- State and County projections developed by State Demographers Office at Arizona Department of Administration (ADOA)
- Projections developed every 3 to 4 years
- Council for Technical Solutions comprised of representatives from Regional Councils, Universities, and State Agencies



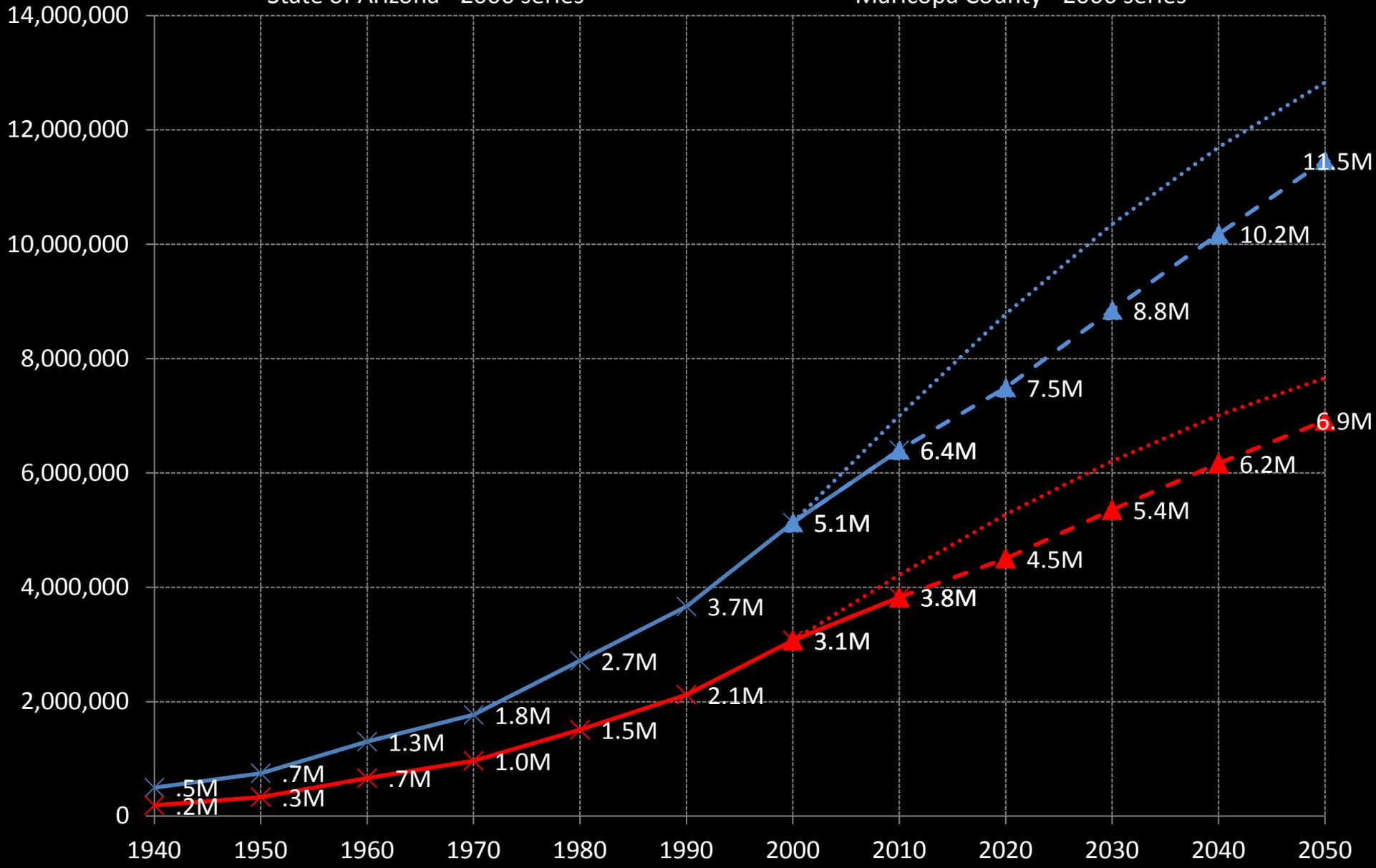
Population Projections

- **MAG required to use County projections as control for sub-regional projections in Maricopa County**
- **Federal requirements mandate that transportation and air quality models use official projections**
- **2007 set of projections now out of date**
- **2012 Projections currently under development**



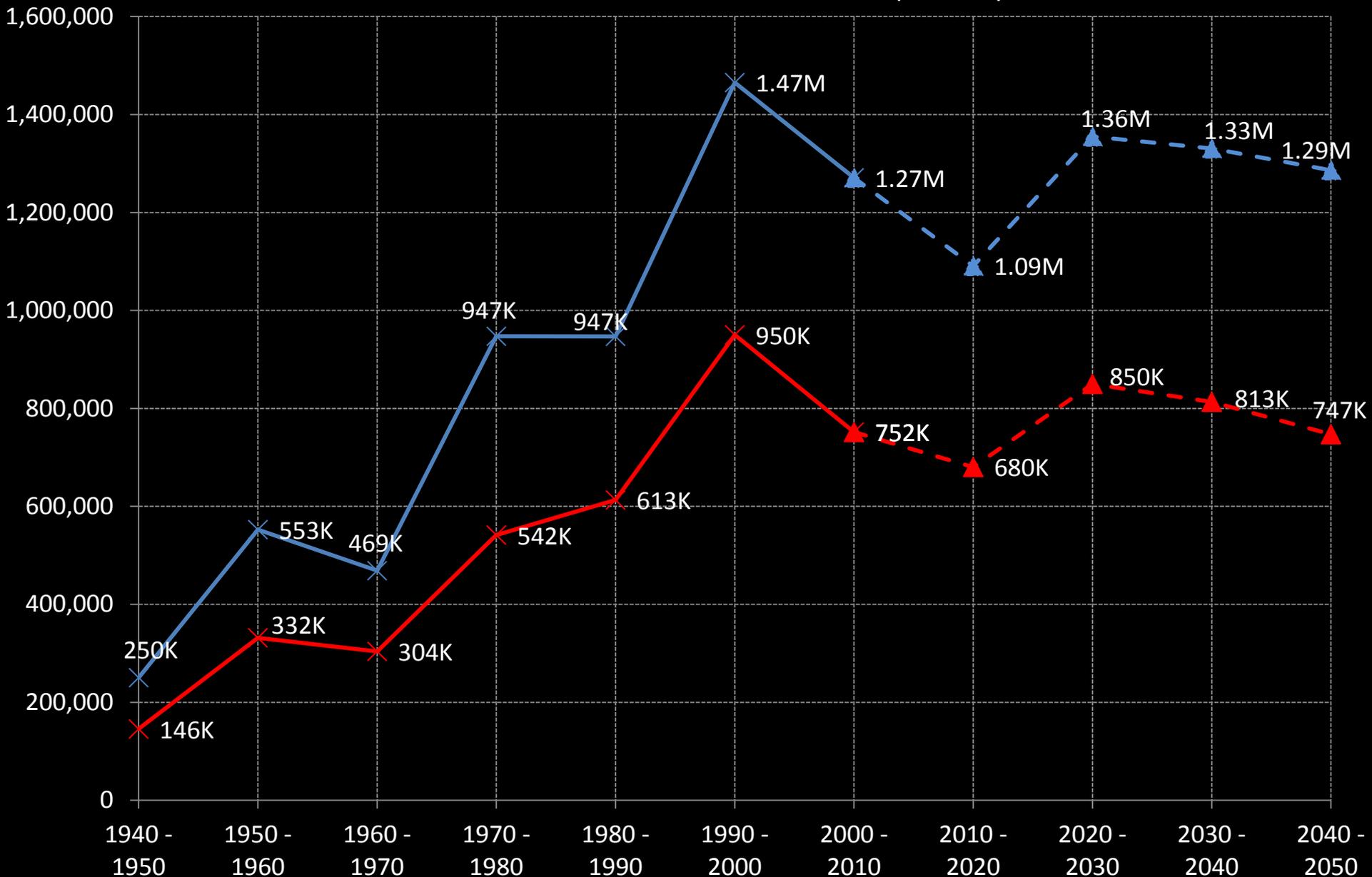
Total Population

- State of Arizona - historical
- State of Arizona - 2012 draft series
- State of Arizona - 2006 series
- Maricopa County - historical
- Maricopa County - 2012 draft series
- Maricopa County - 2006 series



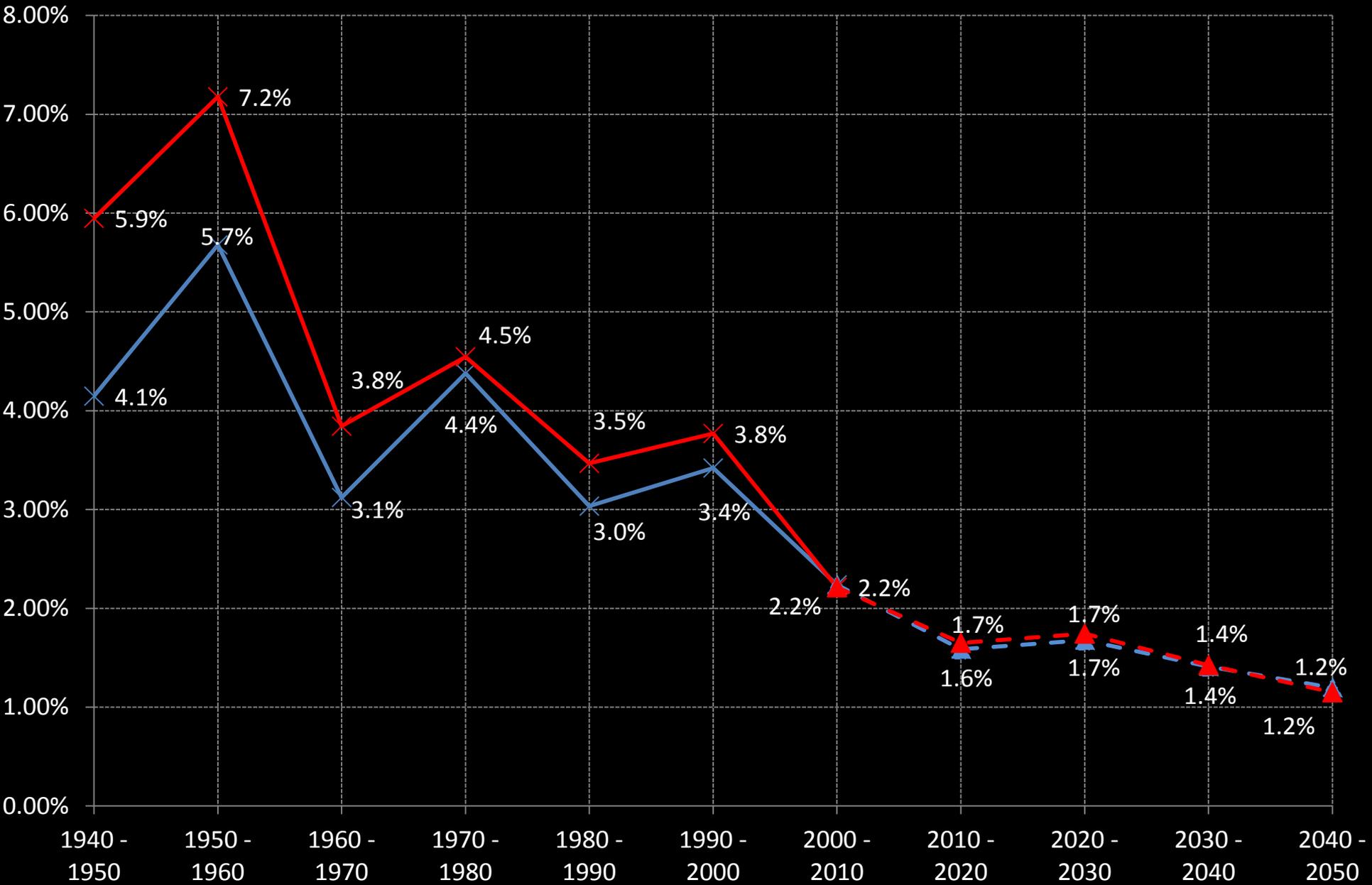
Population Change

- State of Arizona - historical
- State of Arizona - 2012 draft series
- Maricopa County - historical
- Maricopa County - 2012 draft series

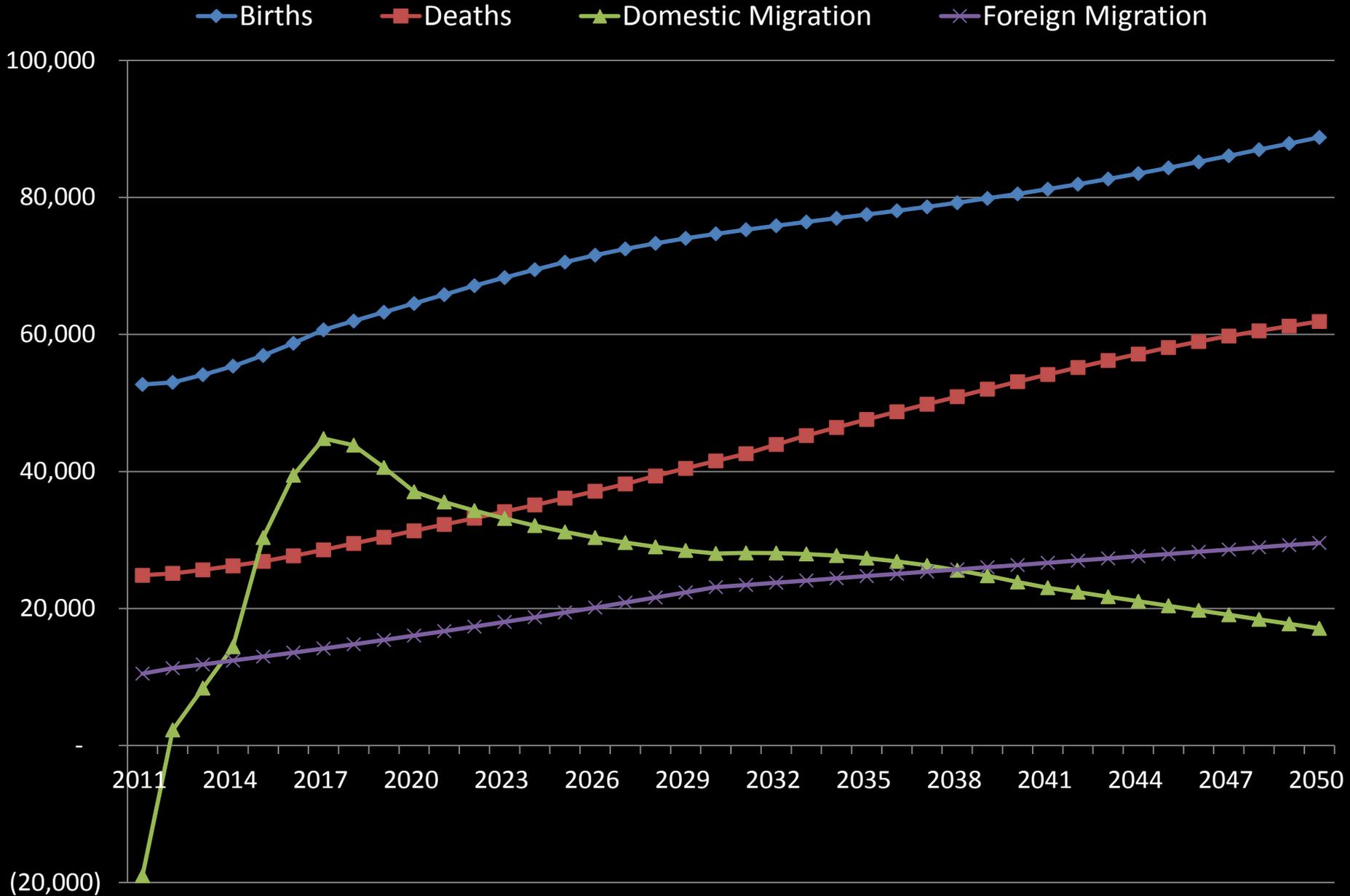


Population Growth Rate

- State of Arizona - historical
- Maricopa County - historical
- State of Arizona - 2012 draft series
- Maricopa County - 2012 draft series



Maricopa County : Components of Change



Employment Projections

Method

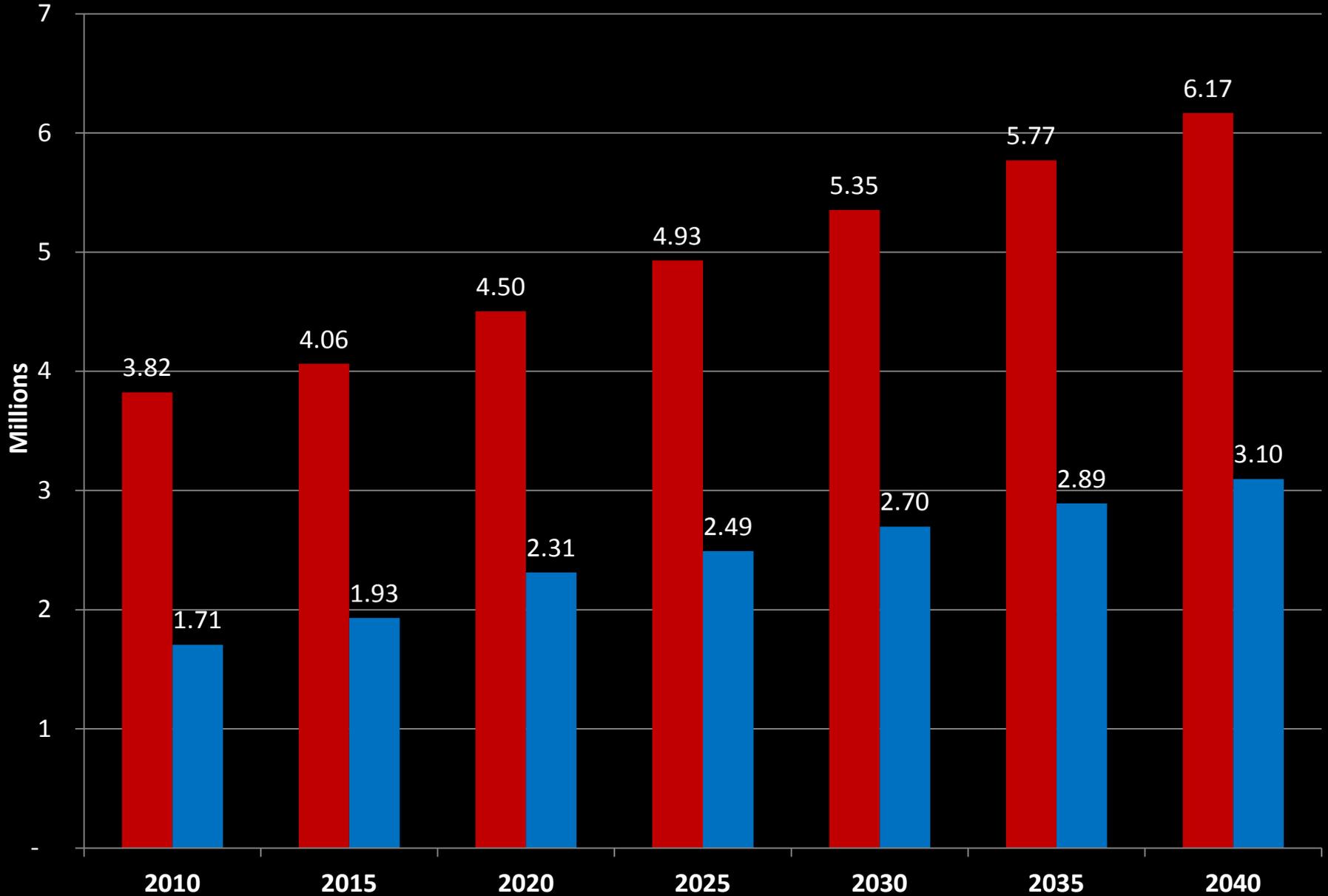
- Projections from **Moody's Economy.com** and **Marshall Vest (UofA)**.
 - Derive employment growth rates - similar for most periods.
 - Compare to employment-to-population ratios.
 - Review vs. ADOA and NABE 2012 and 2013 employment forecasts.
- Project employment for three components:
 - Covered employment : apply growth rates from Vest's projections
 - Military : hold at 12 year average number
 - Uncovered employment: apply 11 year average growth rate
- Derive County level employment by sector by year from a combination of the two series.



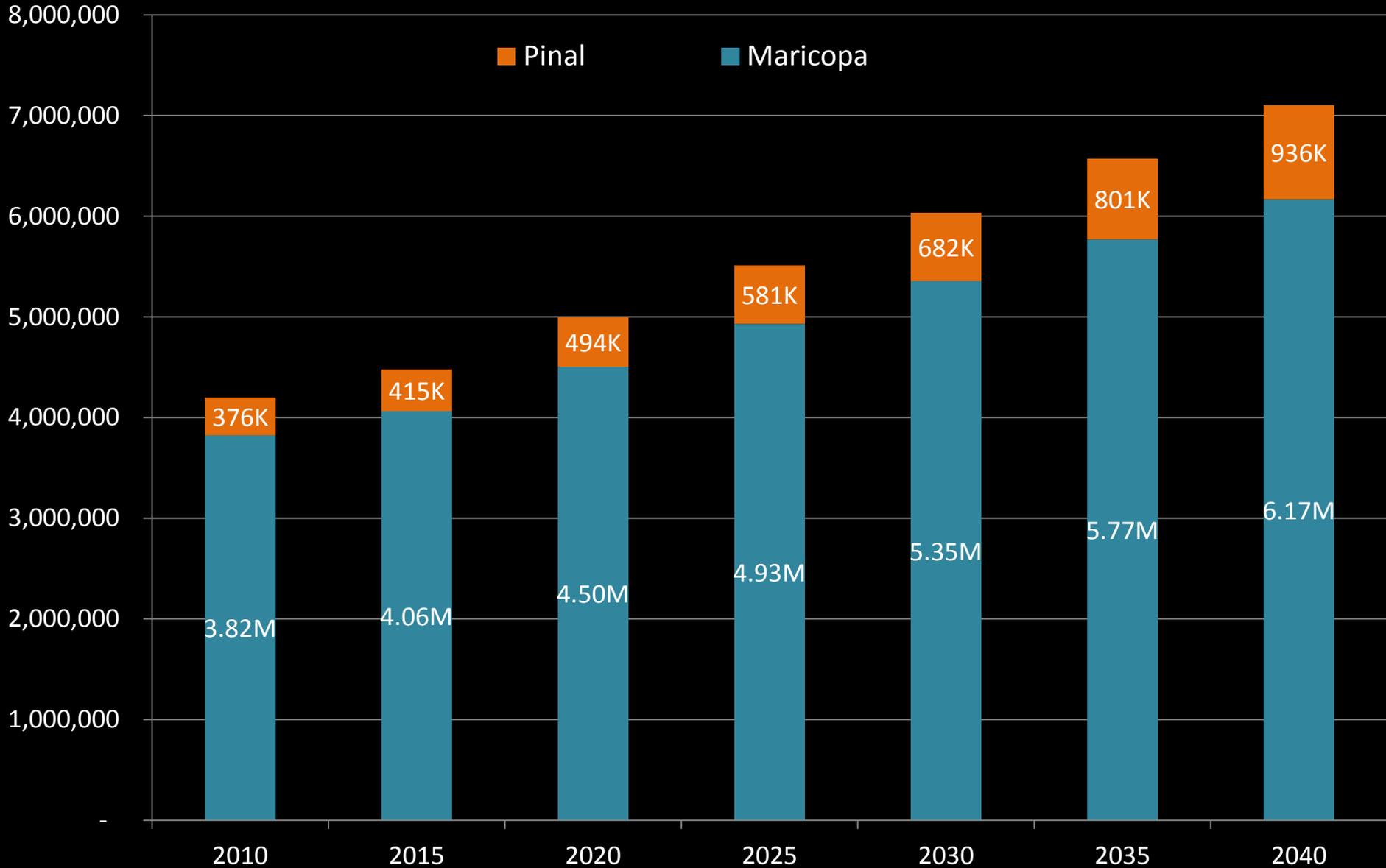
DRAFT Maricopa County: Population and Employment Projections

■ Total Resident Population

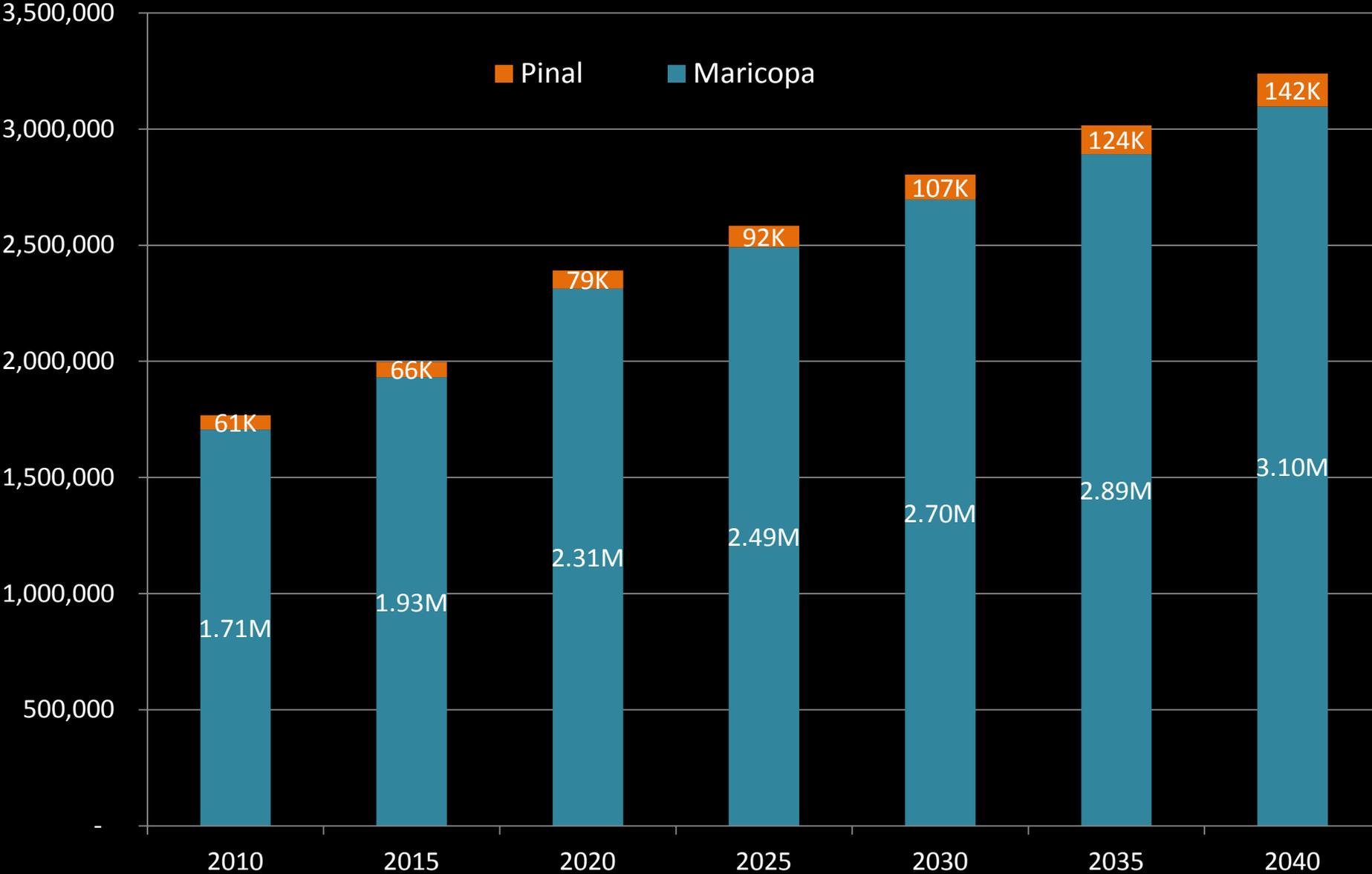
■ Total Employment



DRAFT Phoenix Metro : Population Projections



DRAFT Phoenix Metro : Employment Projections



DRAFT Phoenix Metro : Employment to Population Ratio

◆ Maricopa

■ Pinal

▲ Phoenix Metro



Subcommittee Recommendation

- To the MAG POPTAC
- To approve the Draft ADOA 2010 to 2040 population projections for Maricopa County; and the draft 2010 to 2040 employment projections for Maricopa County based on the revised methodology provided the Maricopa County control total is within three percent of the final control total.

**DRAFT Maricopa County Population and Employment
For July 1 of Each Projection Year**

Year	Total Resident Population	Total Employment
2010	3,824,000	1,706,000
2015	4,063,000	1,931,000
2020	4,504,000	2,313,000
2025	4,931,000	2,491,000
2030	5,354,000	2,697,000
2035	5,770,000	2,892,000
2040	6,168,000	3,097,000



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