

Southeast Arizona

Cochise, Graham, and Greenlee Counties

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AGENDA

- LMI in WIOA Local Plans
- LMI Data Sources
- Economic Overview
 - Population
 - Demographics
 - Industry Growth
 - Unemployment

Local Plans [Sec. 108 (b)]

- **The local plan should include:**
 - An analysis of the regional economic conditions, including:
 - Existing and emerging **in-demand industry sectors and occupations**
 - The employment needs of employers in those industry sectors and occupations
 - An analysis of the knowledge and skills needed to meet the employment needs of the employers in the region, **including employment needs** in in-demand industry sectors and occupations
 - An analysis of the workforce in the region, including **current labor force employment data**, labor market trends, and **the education and skill levels of the workforce in the region**

Workforce employment and unemployment data

– BLS products:

- **Quarterly Census of Employment & Wages (QCEW):** UI covered employment & wages by industry
- **Current Employment Statistics (CES):** Nonfarm employment, hours, hourly earnings by industry
- **Occupational Employment Statistics (OES):** Local Area Occupational employment and wages by area and industry
- **Unemployment Statistics (LAUS):** Civilian labor force, employment, unemployment, unemployment rate
- **Source:** <https://laborstats.az.gov/bls-programs>

Economic Overview

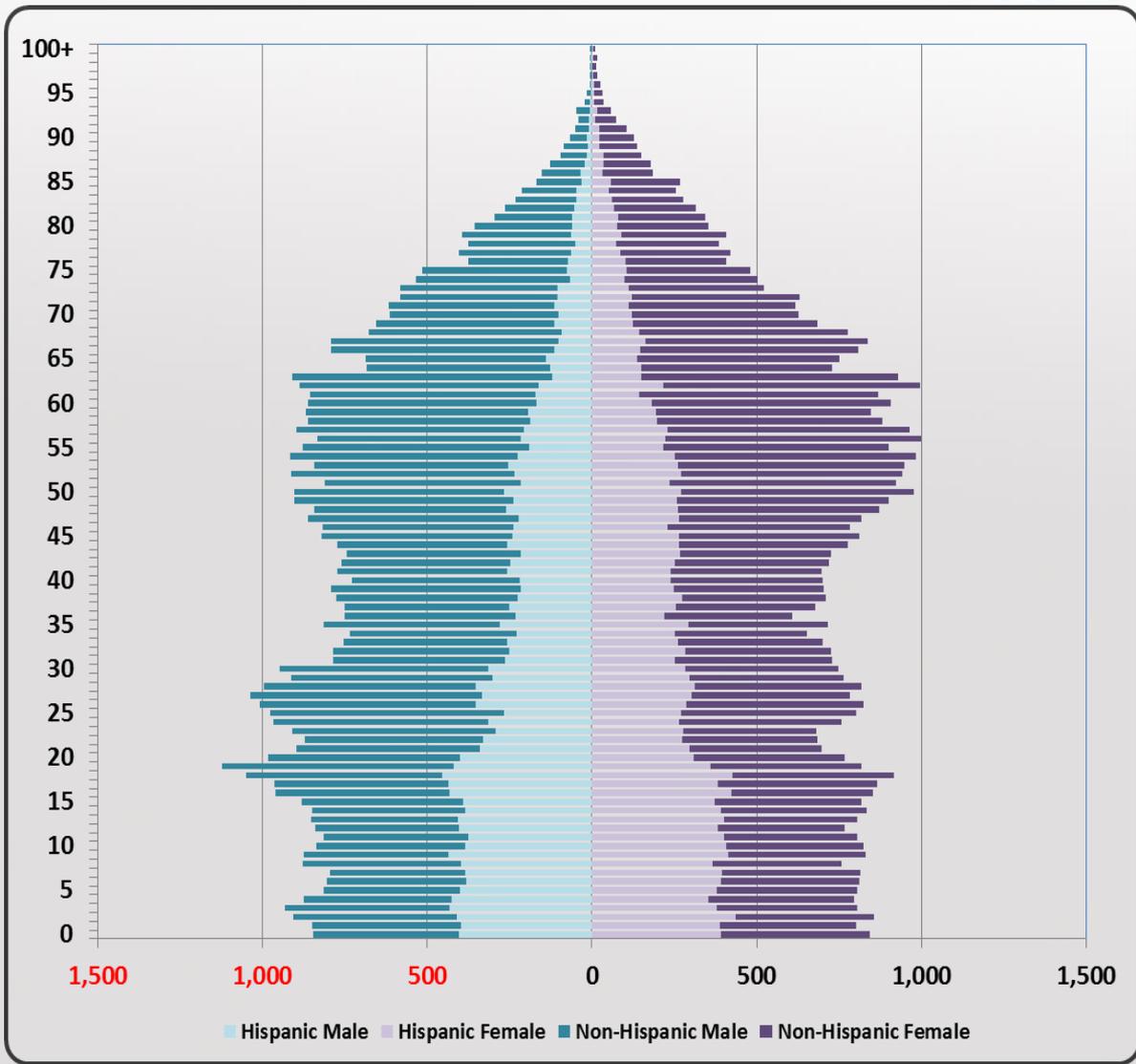
SOUTHEAST ARIZONA

How to use data:

- Use data to drive decision, not validate decisions
- **Use more than one source of data** – don't lock yourself into a single estimate, consider all of the available data to get the most accurate picture
- **Know the limitations of your data set** – it's easy to accidentally misuse data and draw erroneous conclusions
- **Become familiar with different data sets (or someone who is)** – there is no one place to find all the data you need

Immerse yourself in the data

Be prepared to accept surprising surprises

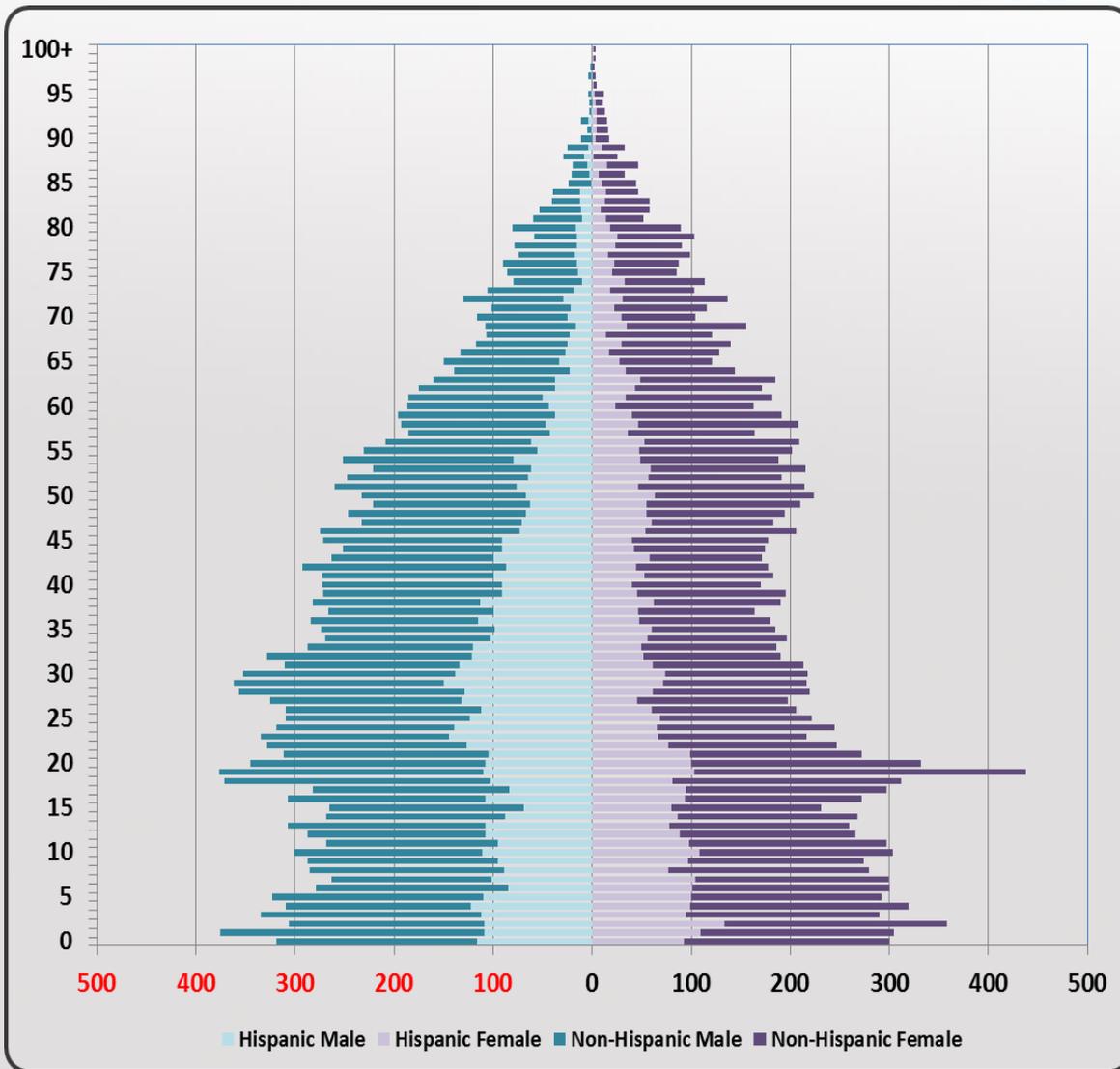


Cochise County

Census 2010

Total Population 131,361

Hispanic	42,546	32.4%
Male	21,121	16.1%
Female	21,425	16.3%
Non-Hispanic	88,815	67.6%
Male	45,862	34.9%
Female	42,953	32.7%
Under 17	28,420	21.6%
Age 17-24	13,943	10.6%
Age 25-34	16,479	12.5%
Age 35-44	14,688	11.2%
Age 45-54	17,582	13.4%
Age 55-64	17,546	13.4%
Over 64	22,703	17.3%



Graham County

Census 2010

Total Population 37,223

Hispanic	11,321	30.4%
Male	6,450	17.3%
Female	4,871	13.1%
Non-Hispanic	25,902	69.6%
Male	13,527	36.3%
Female	12,375	33.2%
Under 17	9,996	26.9%
Age 17-24	5,026	13.5%
Age 25-34	5,275	14.2%
Age 35-44	4,522	12.1%
Age 45-54	4,462	12.0%
Age 55-64	3,678	9.9%
Over 64	4,264	11.5%

Greenlee County

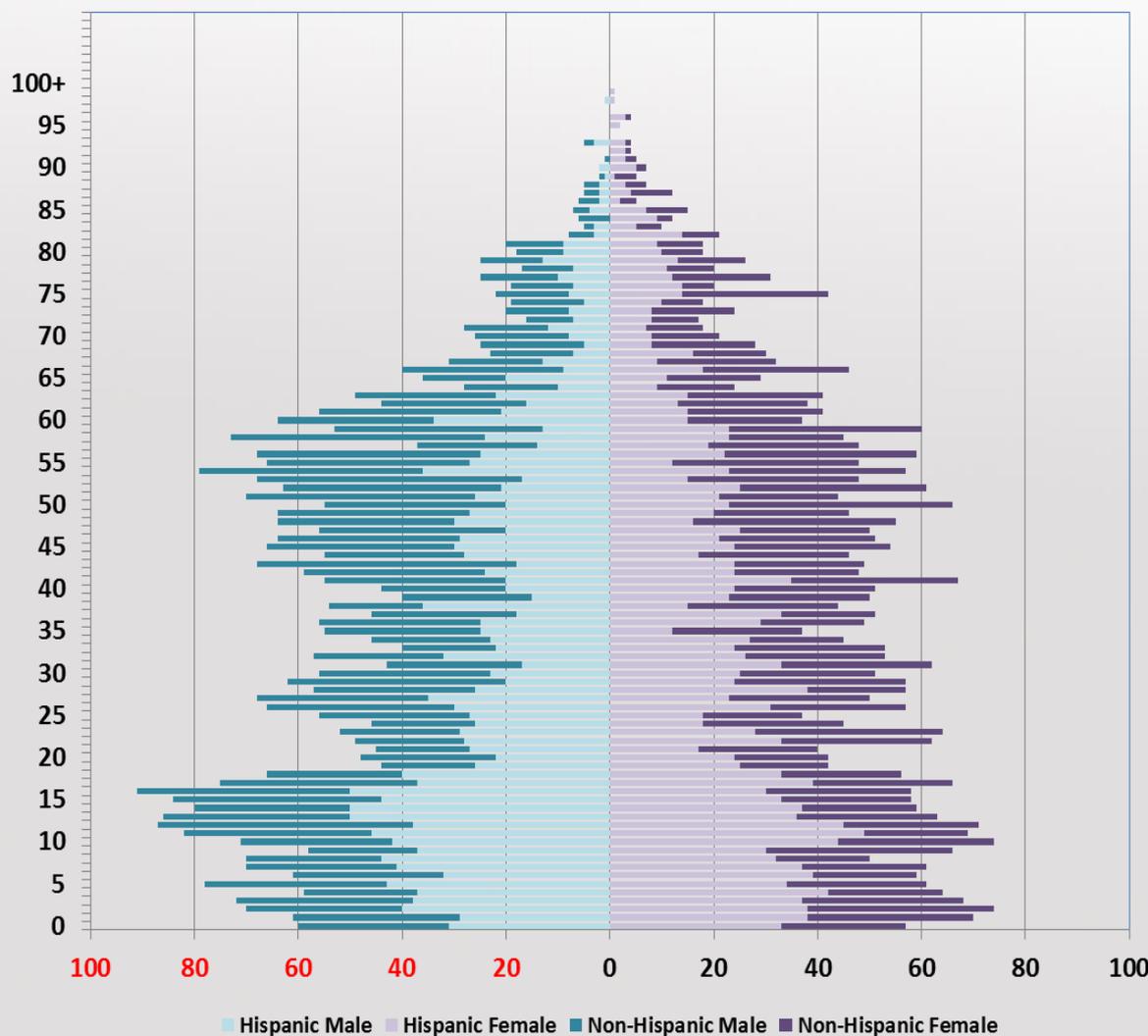
Census 2010

Total Population 8,437

Hispanic	4,040	47.9%
Male	2,053	24.3%
Female	1,987	23.6%

Non-Hispanic	4,397	52.1%
Male	2,345	27.8%
Female	2,052	24.3%

Under 17	2,322	27.5%
Age 17-24	842	10.0%
Age 25-34	1,073	12.7%
Age 35-44	1,024	12.1%
Age 45-54	1,181	14.0%
Age 55-64	979	11.6%
Over 64	1,016	12.0%



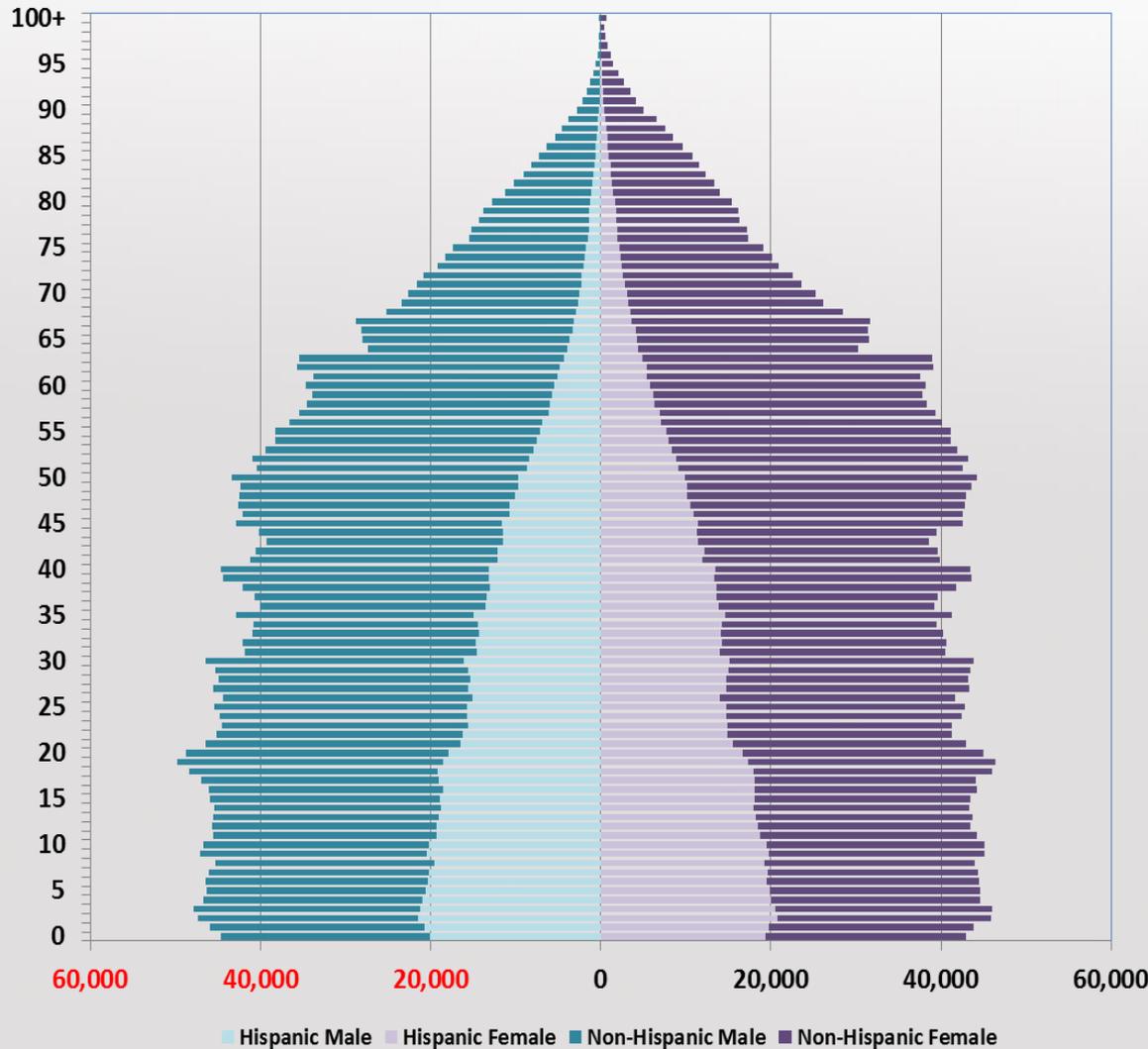
Arizona Census 2010

Total Population 6,392,017

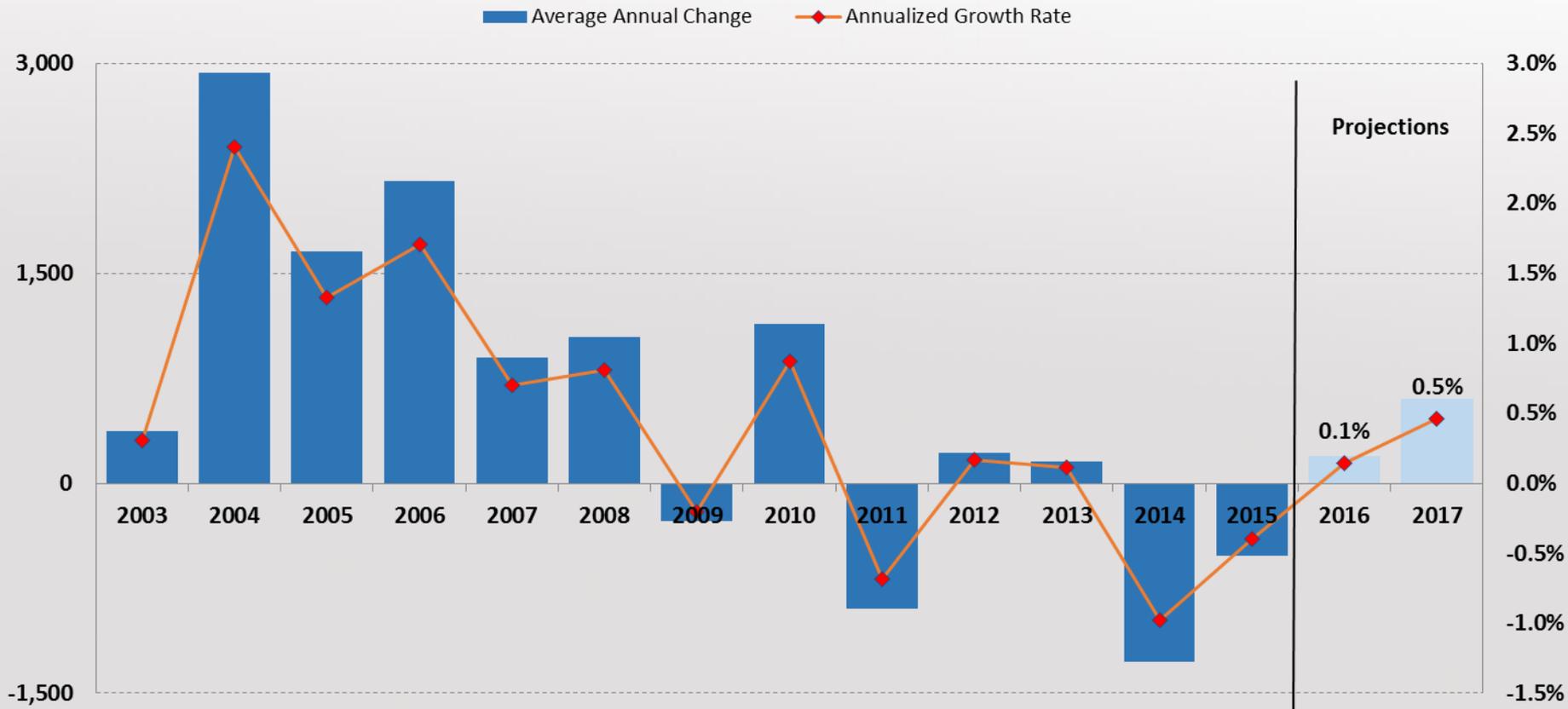
Hispanic	1,895,228	29.6%
Male	951,818	14.9%
Female	943,410	14.8%

Non-Hispanic	4,497,621	70.4%
Male	2,224,188	34.8%
Female	2,273,433	35.6%

Under 17	1,537,878	24.1%
Age 17-24	724,347	11.3%
Age 25-34	856,693	13.4%
Age 35-44	822,494	12.9%
Age 45-54	842,546	13.2%
Age 55-64	726,228	11.4%
Over 64	881,831	13.8%

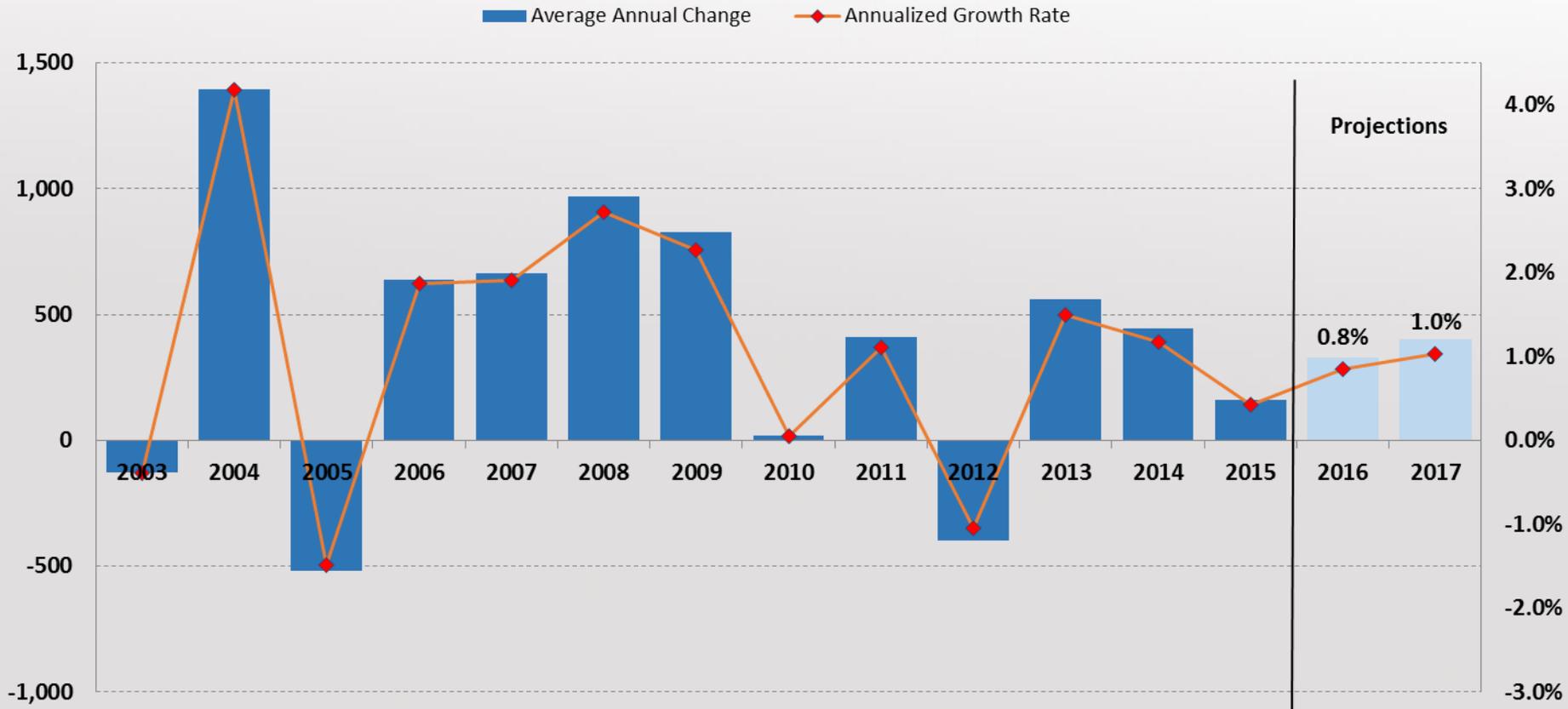


Cochise County's Population Growth and Growth Rates, 2003-2017



Source: Produced by the Arizona Office of Employment and Population Statistics using 2010 Census data in cooperation with the U.S. Census Bureau

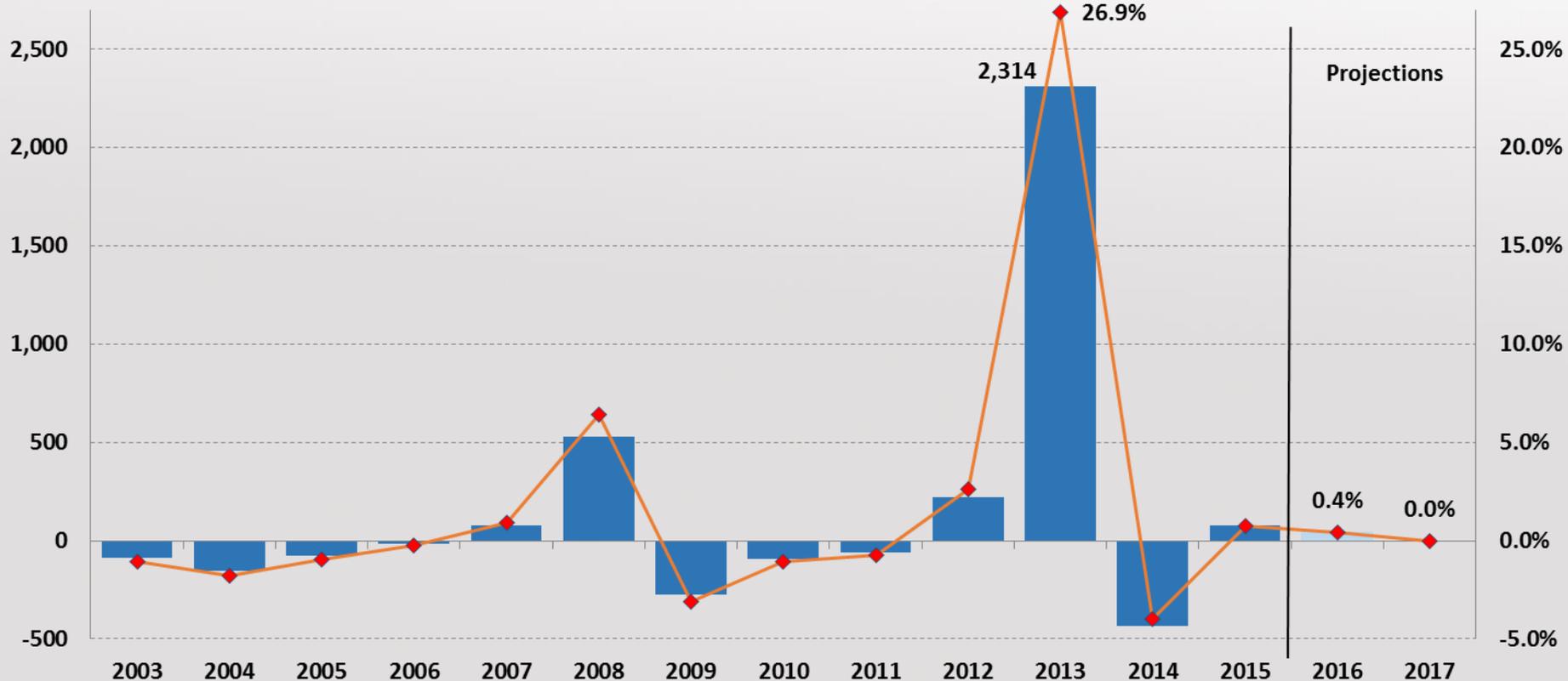
Graham County's Population Growth and Growth Rates, 2003-2017



Source: Produced by the Arizona Office of Employment and Population Statistics using 2010 Census data in cooperation with the U.S. Census Bureau

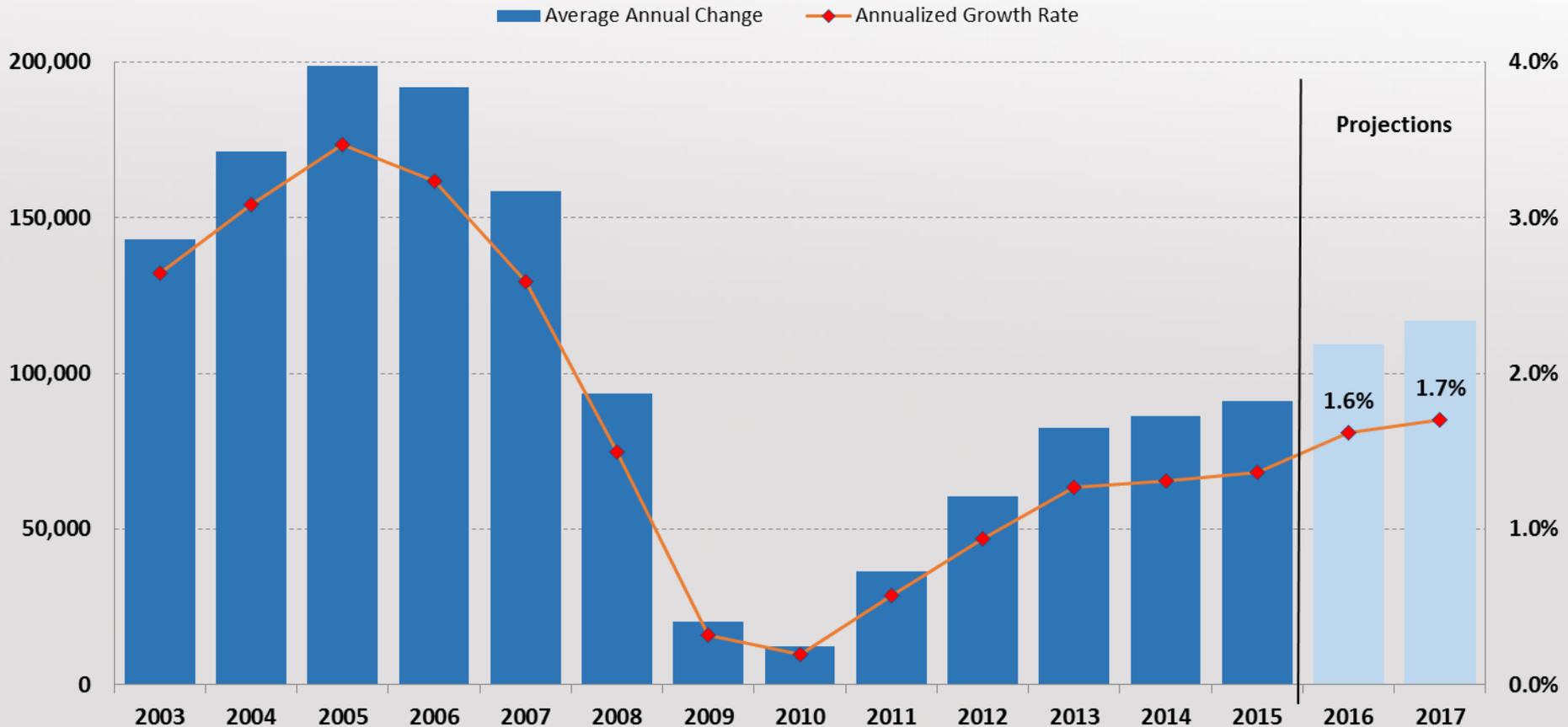
Greenlee County's Population Growth and Growth Rates, 2003-2017

■ Average Annual Change
 ◆ Annualized Growth Rate



Source: Produced by the Arizona Office of Employment and Population Statistics using 2010 Census data in cooperation with the U.S. Census Bureau

Arizona's Population Growth and Growth Rates, 2003-2017



Source: Produced by the Arizona Office of Employment and Population Statistics using 2010 Census data in cooperation with the U.S. Census Bureau

Southeast Arizona Quick Facts (2014)

	Cochise County	Graham County	Greenlee County	Arizona
Median Household Income	\$45,974	\$46,965	\$50,818	\$49,928
Median Age	39.6	32.0	33.5	36.5
Individuals with a Disability Between 18-64	14.6%	12.2%	10.6%	9.9%
Veterans	18,931	2,719	725	514,290
Poverty Status	17.5%	21.7%	14.6%	18.2%
Mean Travel Time to Work	18:54	21:48	17:42	24:42
Civilian Labor Force	50,072	13,743	3,744	3,059,049
Population over 16	104,263	27,918	6,535	5,121,781

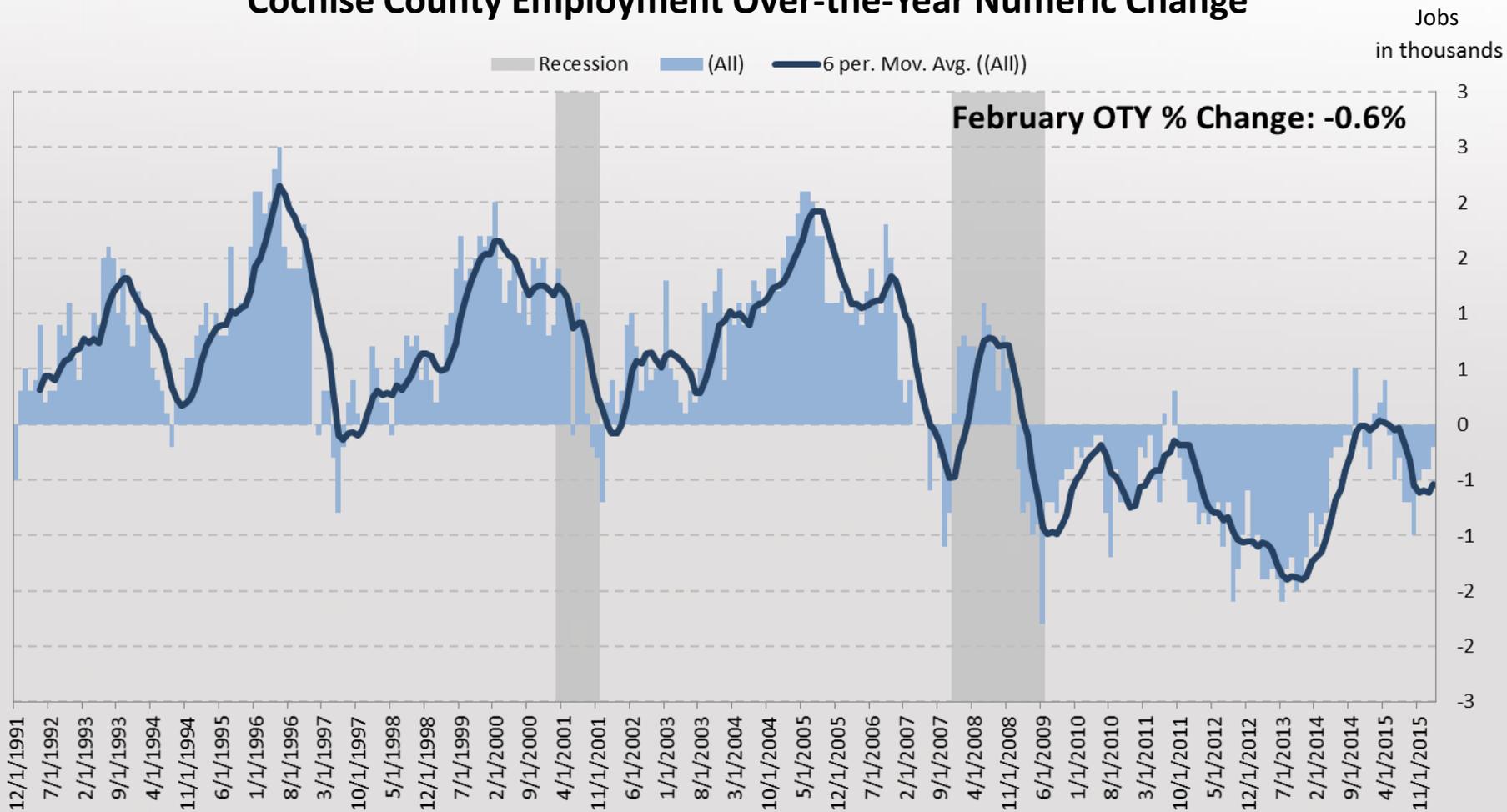
Source: Produced by the Arizona Office of Employment and Population Statistics using 2014 ACS 5-Year Estimates (DP03) in cooperation with the U.S. Census Bureau

Highest Educational Level Achieved (Population over 25, 2014)

	Cochise County	Graham County	Greenlee County	Arizona
Less than High School	13.7%	14.8%	14.8%	14.1%
High School Graduate (includes equivalency)	52.8%	63.5%	64.2%	50.4%
Associate's Degree	10.4%	8.2%	9.1%	8.4%
Bachelor's Degree	14.6%	8.4%	9.2%	17.1%
Graduate or Professional Degree	8.5%	5.2%	2.5%	10.0%

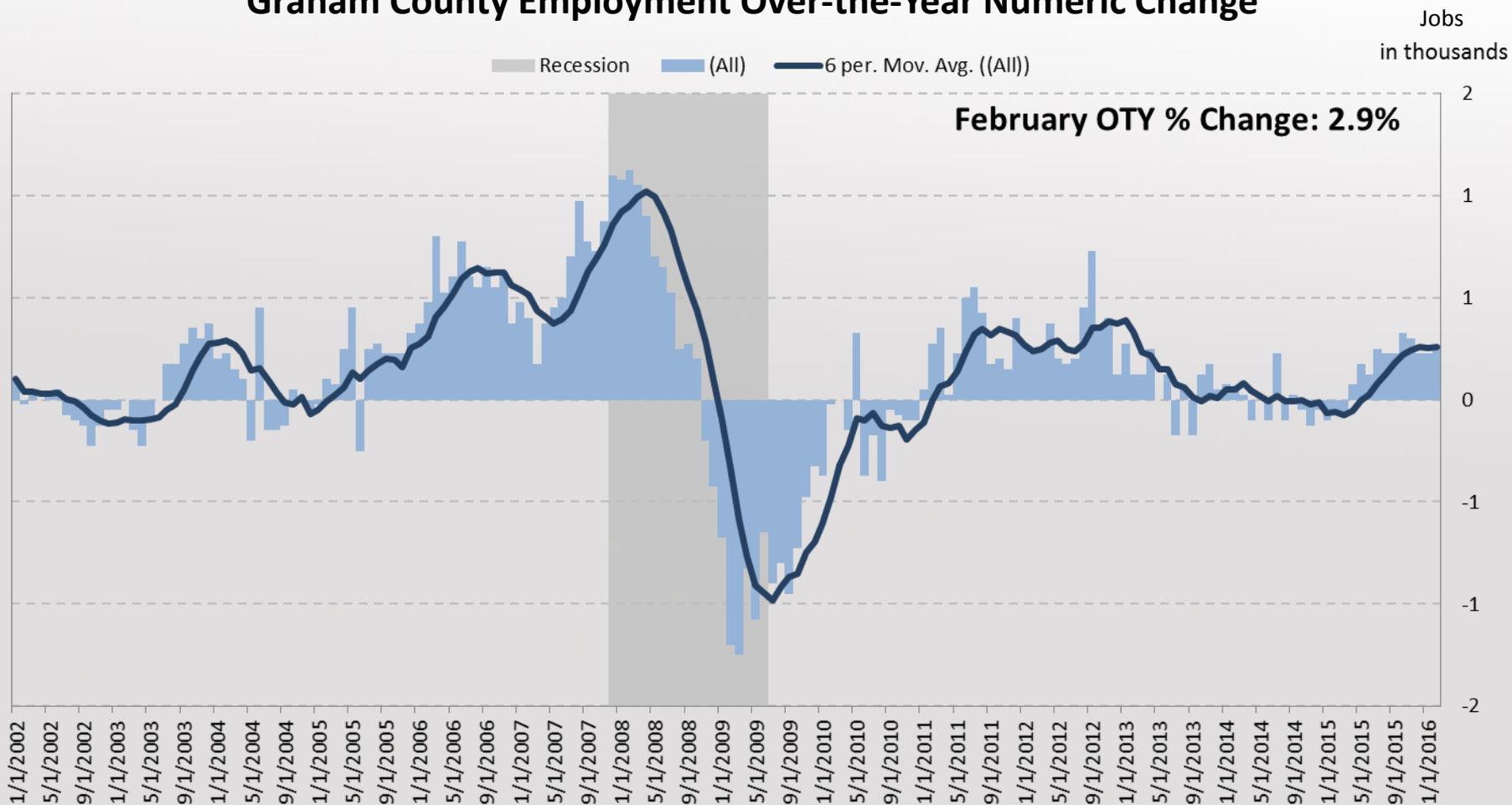
Source: Produced by the Arizona Office of Employment and Population Statistics using 2014 ACS 5-Year Estimates (S1501) in cooperation with the U.S. Census Bureau

Cochise County Employment Over-the-Year Numeric Change



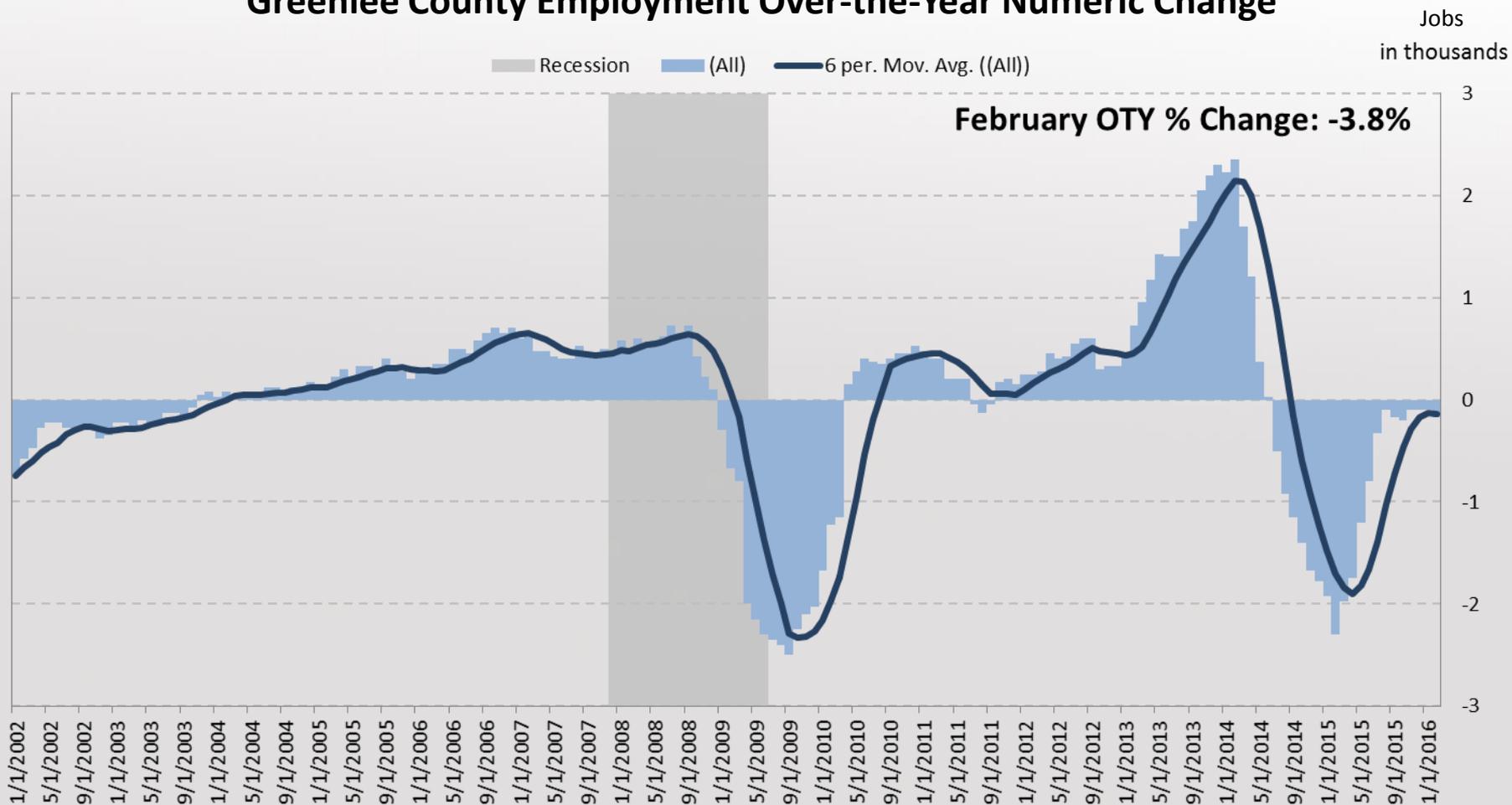
Source: Produced by the Arizona Office of Employment and Population Statistics using CES data in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics

Graham County Employment Over-the-Year Numeric Change



Source: Produced by the Arizona Office of Employment and Population Statistics using CES data in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics

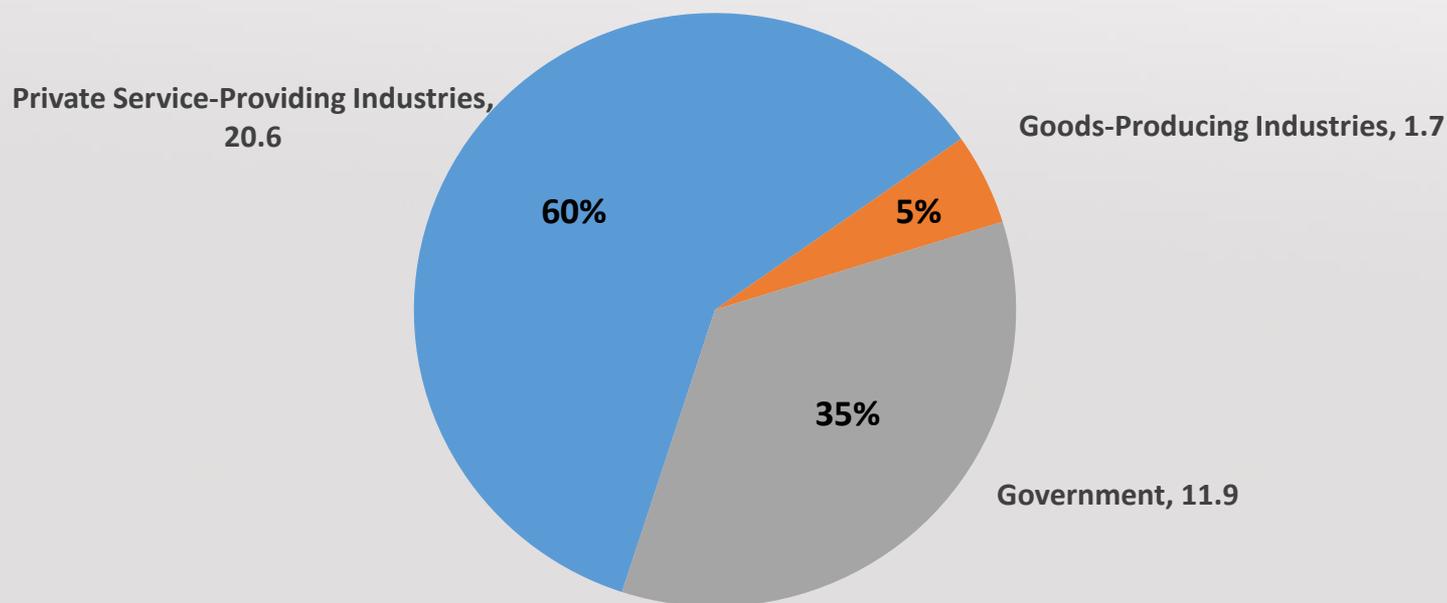
Greenlee County Employment Over-the-Year Numeric Change



Source: Produced by the Arizona Office of Employment and Population Statistics using CES data in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics

Industry Share of Total Employment Cochise County; February 2016

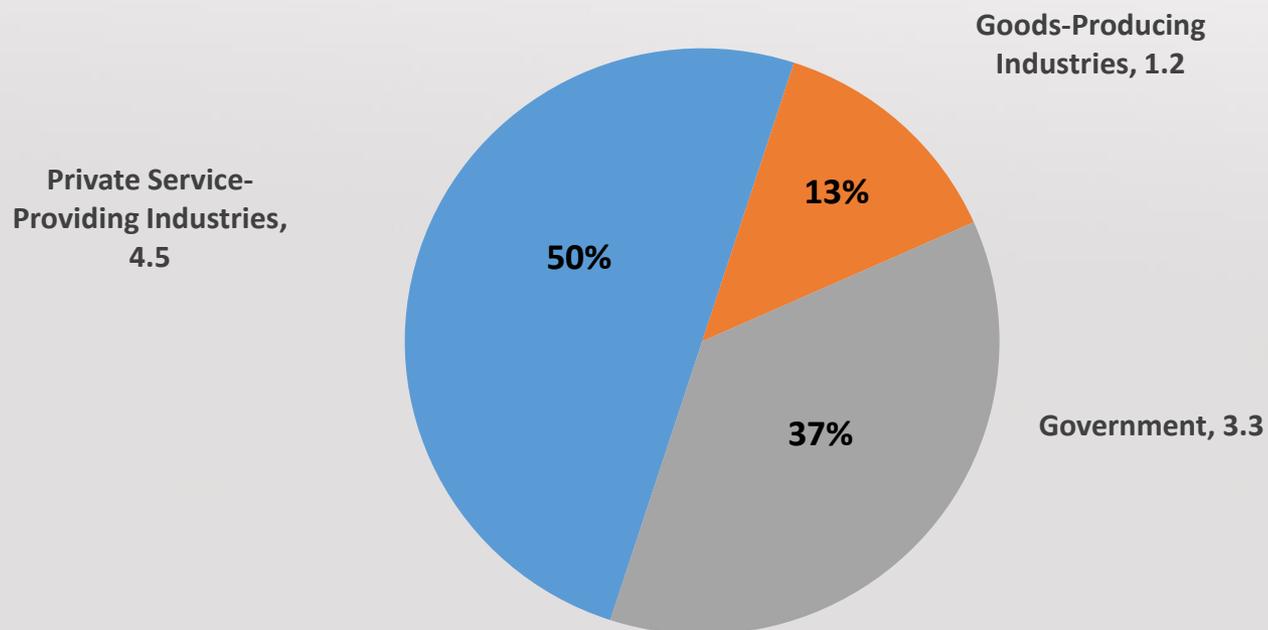
(in Thousands)



Source: Produced by the Arizona Office of Employment and Population Statistics using CES data in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics

Industry Share of Total Employment Graham County; February 2016

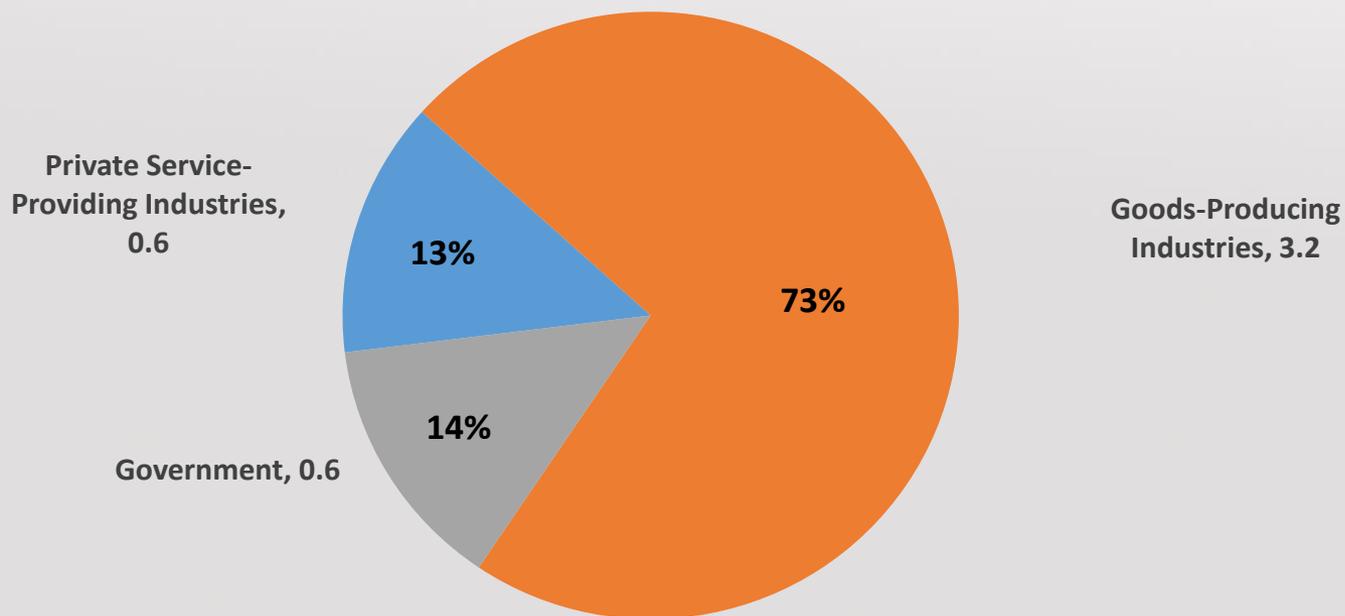
(in Thousands)



Source: Produced by the Arizona Office of Employment and Population Statistics using CES data in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics

Industry Share of Total Employment Greenlee County; February 2016

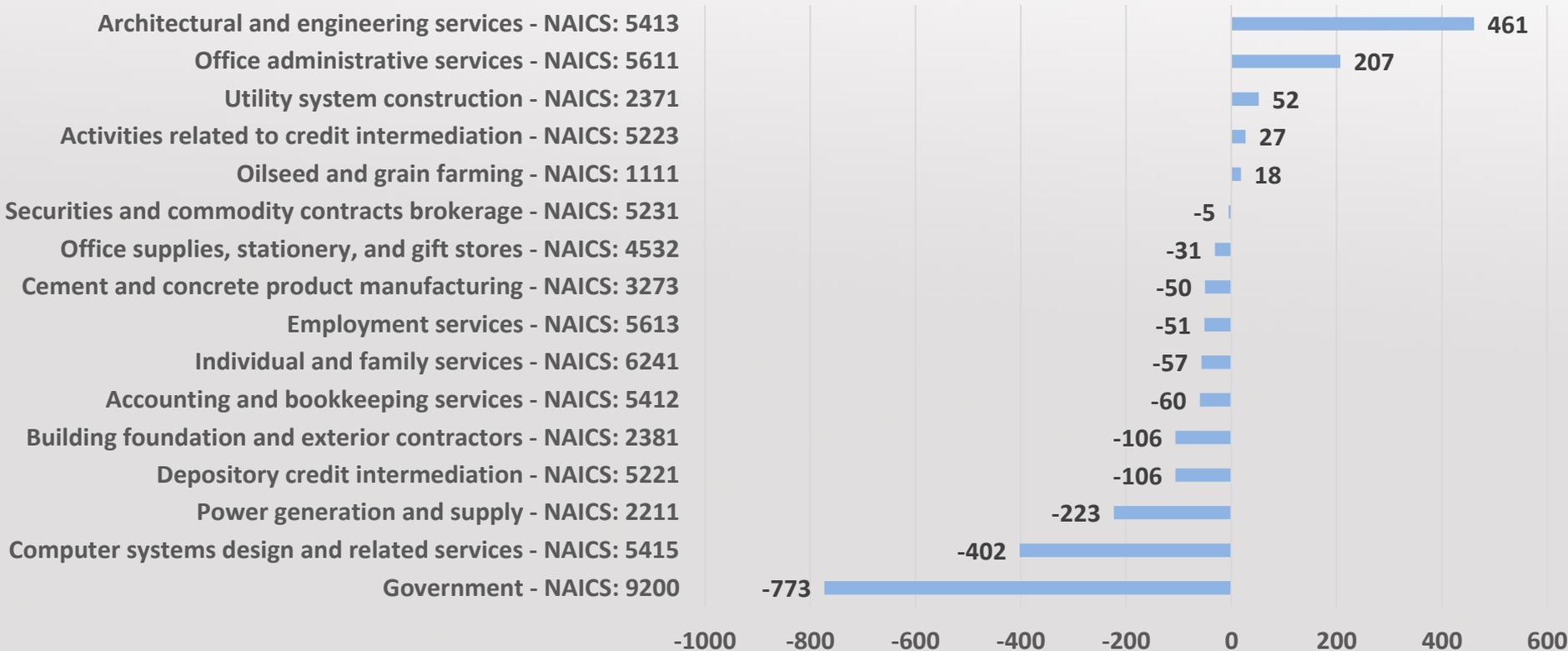
(in Thousands)



Source: Produced by the Arizona Office of Employment and Population Statistics using CES data in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics

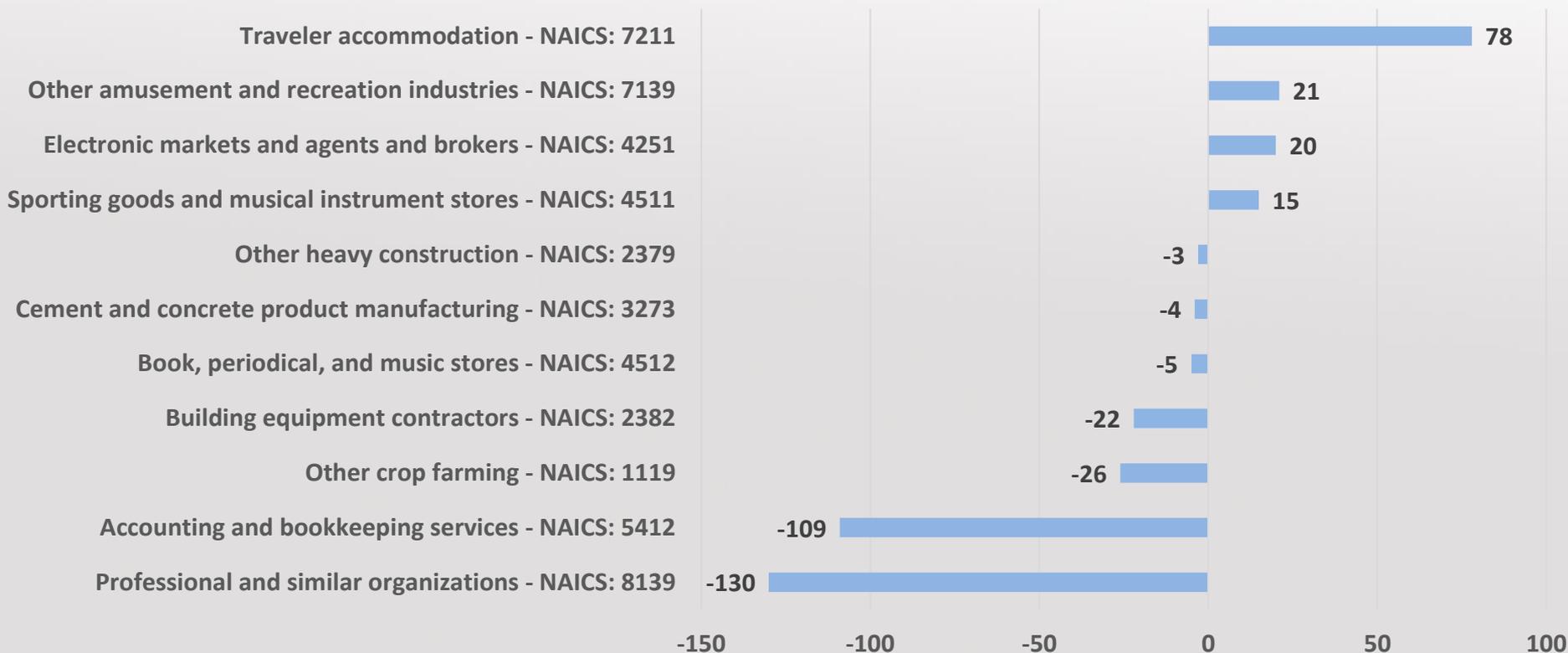
Cochise County: Growing and Declining Industries

2013 Q2 – 2015 Q2 QCEW



Source: Produced by the Arizona Office of Employment and Population Statistics using QCEW data in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics

Graham County: Growing and Declining Industries 2013 Q2 – 2015 Q2 QCEW



Source: Produced by the Arizona Office of Employment and Population Statistics using QCEW data in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics

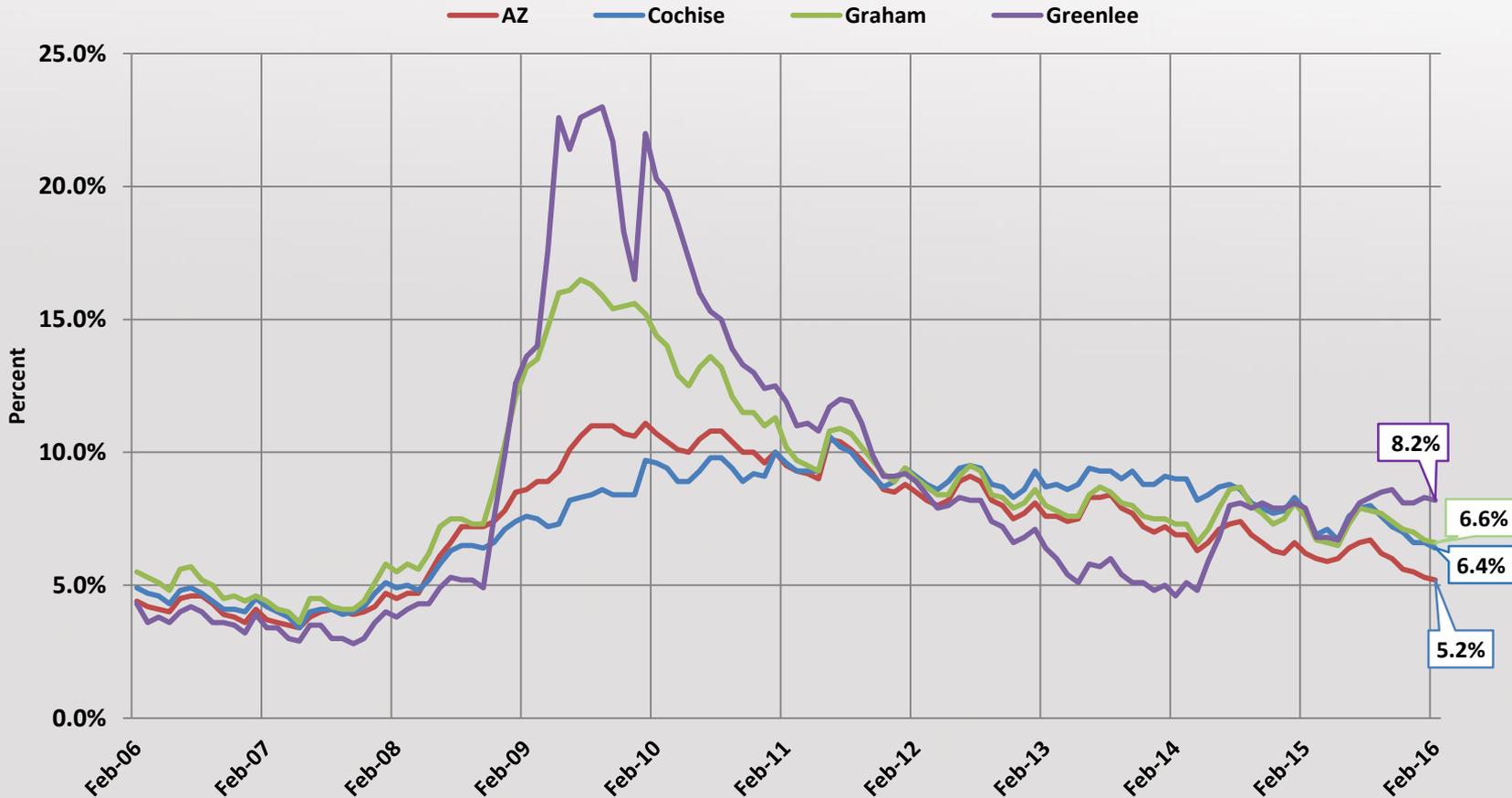
High-Wage Occupations by Education Requirement Arizona, 2014

Less Than High School	
Rotary Drill Operators	\$58,240
Carpet Installers	\$49,171
Loading Machine Operators	\$41,496
High School Diploma	
Power Distributors	\$84,718
Criminal Investigators	\$83,283
Real Estate Broker	\$79,601
Associate's Degree	
Air Traffic Controller	\$101,878
Dental Hygienist	\$81,224
Diagnostic Medical Sonographer	\$75,504

Bachelor's Degree	
Engineering Managers	\$131,518
Info Systems Managers	\$121,513
Petrol Engineers	\$120,827
Master's Degree	
Education Administrator	\$105,081
Physician Assistant	\$103,604
Nurse Practitioners	\$100,588
Doctoral Degree	
Anesthesiologists	\$258,814
Orthodontist	\$257,296
Oral and Maxillofacial Surgeons	\$256,006

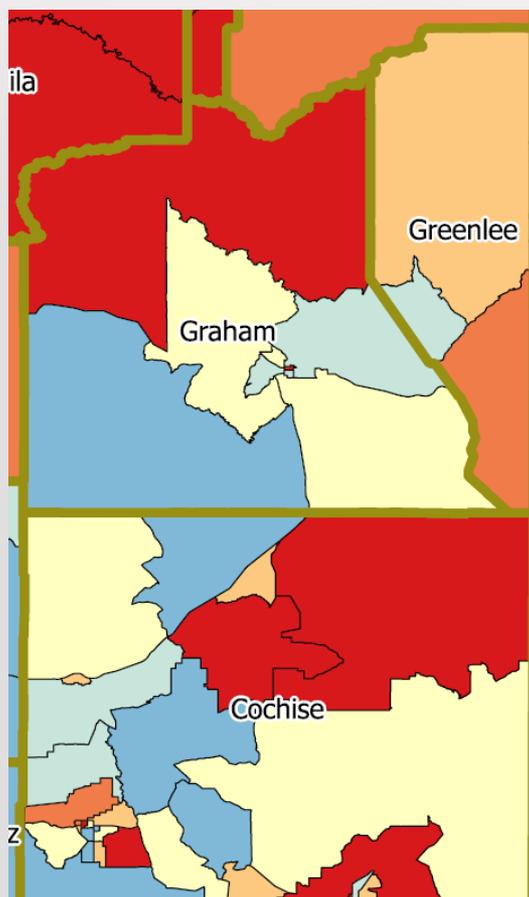
Source: Produced by the Arizona Office of Employment and Population Statistics using OES data in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics

Arizona & Southeast Counties Unemployment Rate Not Seasonally Adjusted



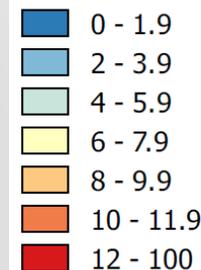
Source: Produced by the Arizona Office of Employment and Population Statistics using LAUS data in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics

Unemployment by Census Tract Southeast Arizona (2015)



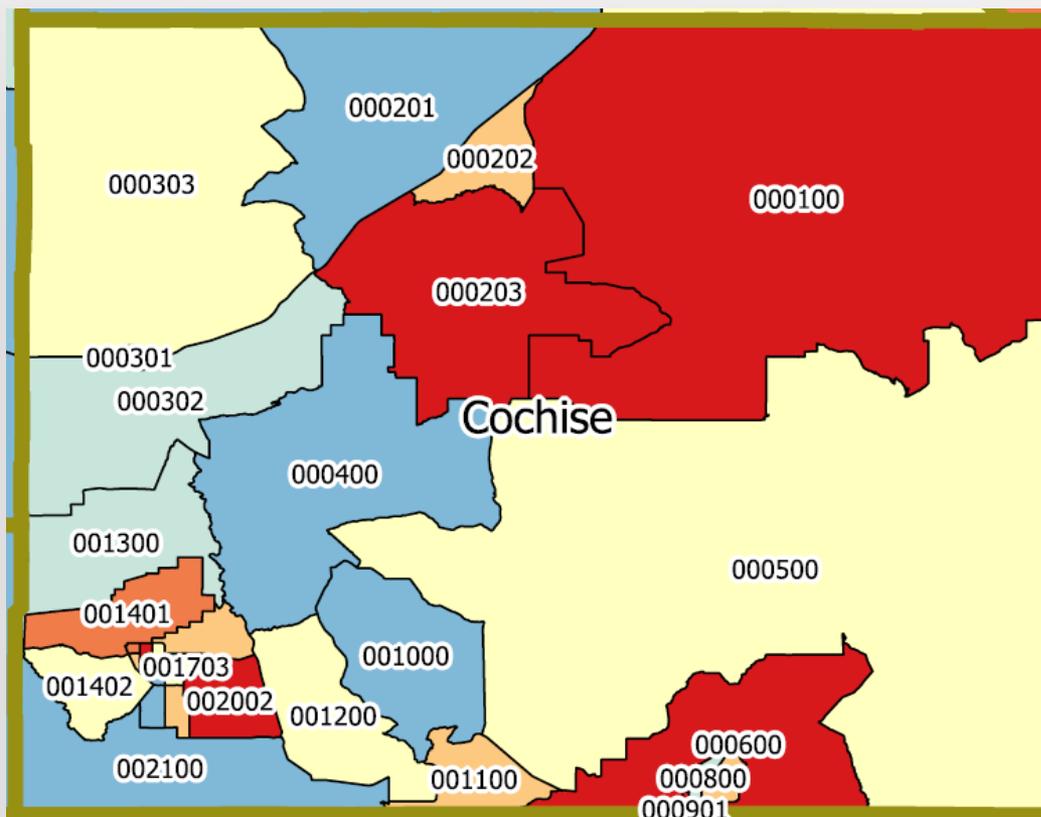
Unemployment Rate

2015 percent unemployment



source: ADOA,
Office of Employment and
Population Statistics
Derived from
2010-2014 ACS survey and
2015 BLS LAUS program

Unemployment by Census Tract Cochise County (2015)



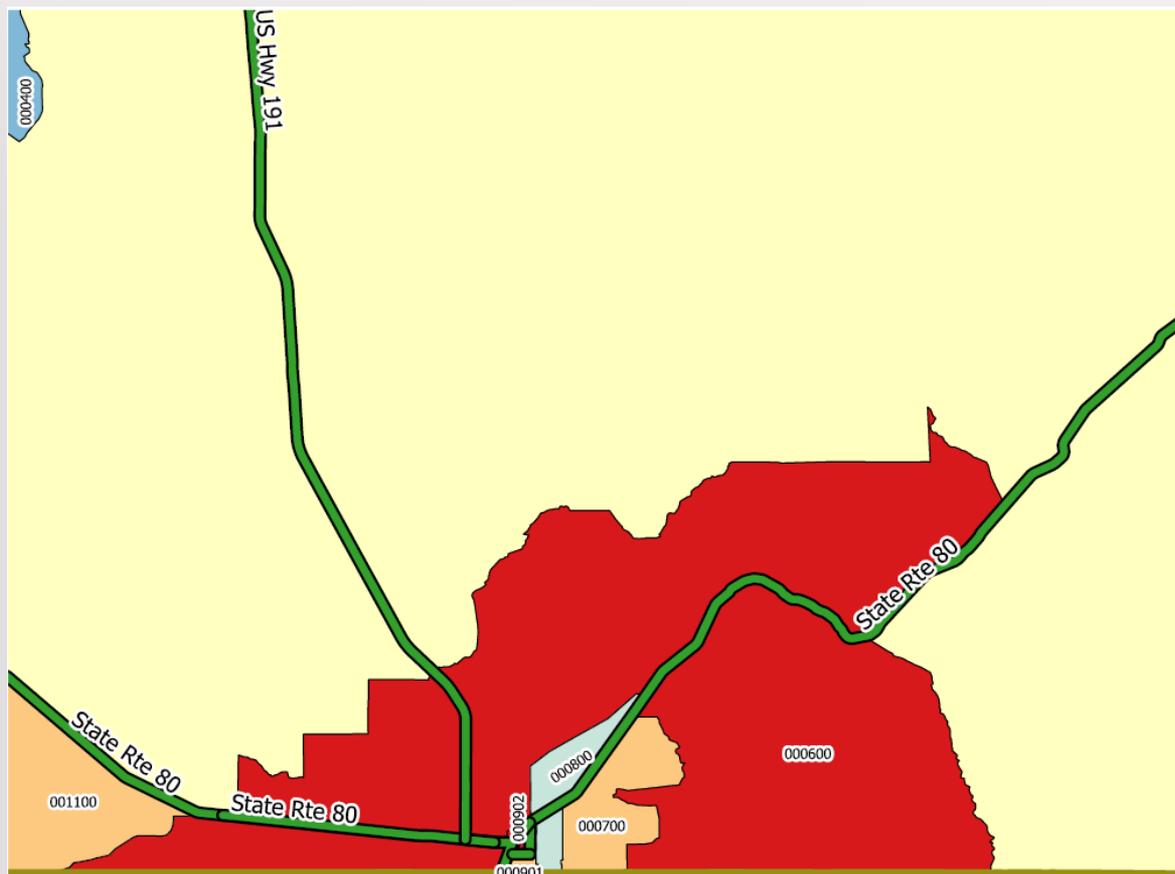
Unemployment Rate

2015 percent unemployment

- 0 - 1.9
- 2 - 3.9
- 4 - 5.9
- 6 - 7.9
- 8 - 9.9
- 10 - 11.9
- 12 - 100

source: ADOA,
Office of Employment and
Population Statistics
Derived from
2010-2014 ACS survey and
2015 BLS LAUS program

Unemployment by Census Tract Douglas (2015)



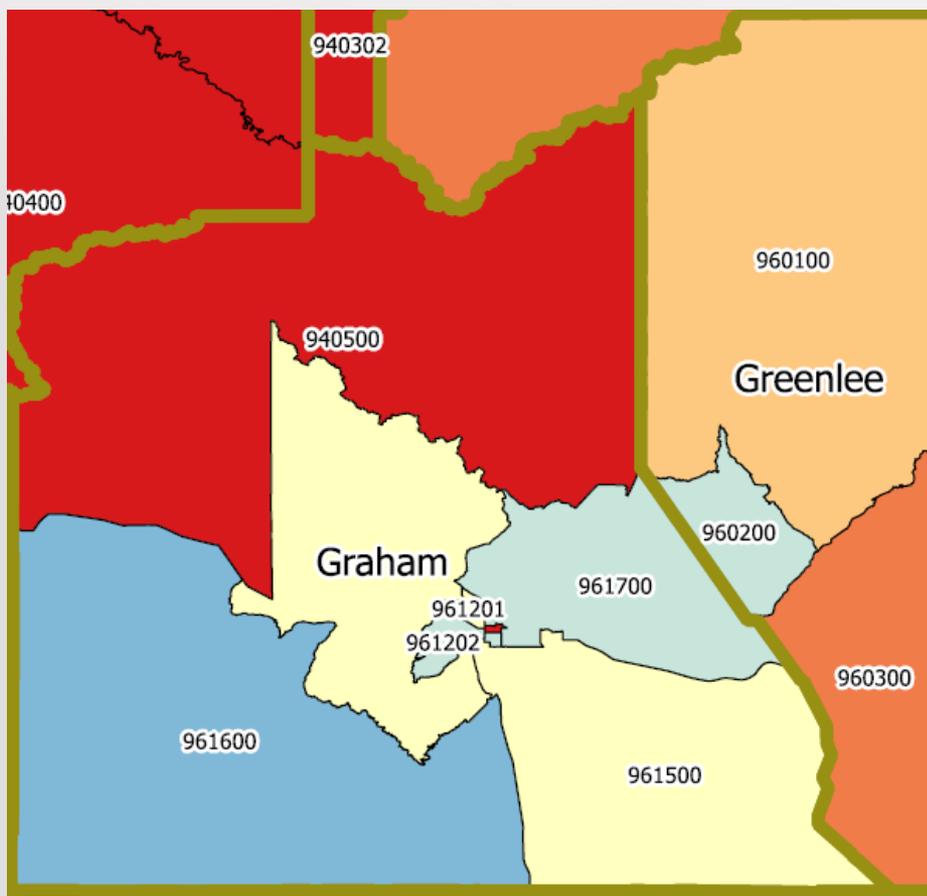
Unemployment Rate

2015 percent unemployment

- 0 - 1.9
- 2 - 3.9
- 4 - 5.9
- 6 - 7.9
- 8 - 9.9
- 10 - 11.9
- 12 - 100

source: ADOA,
Office of Employment and
Population Statistics
Derived from
2010-2014 ACS survey and
2015 BLS LAUS program

Unemployment by Census Tract Graham County and Greenlee County (2015)



Unemployment Rate
2015 percent unemployment

- 0 - 1.9
- 2 - 3.9
- 4 - 5.9
- 6 - 7.9
- 8 - 9.9
- 10 - 11.9
- 12 - 100

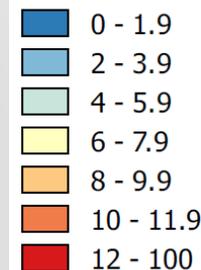
source: ADOA,
Office of Employment and
Population Statistics
Derived from
2010-2014 ACS survey and
2015 BLS LAUS program

Unemployment by Census Tract Safford (2015)



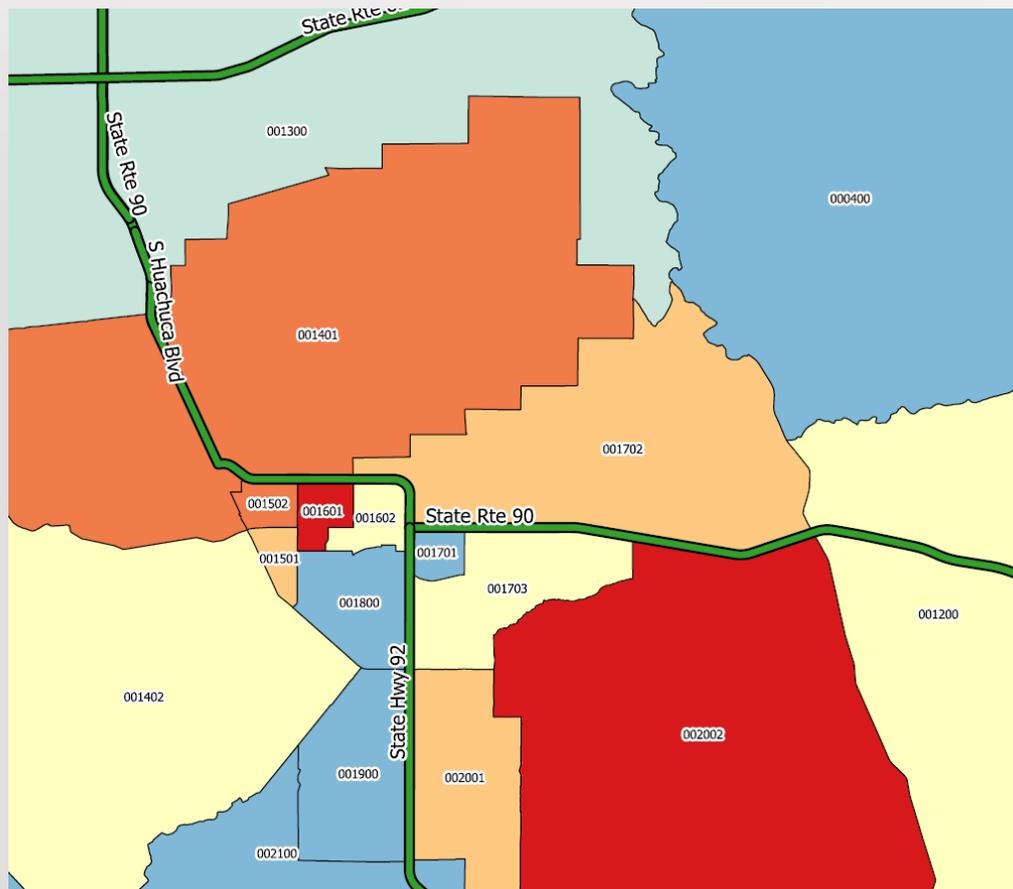
Unemployment Rate

2015 percent unemployment



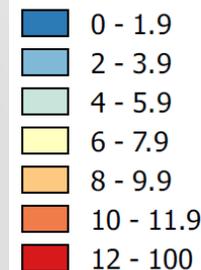
source: ADOA,
Office of Employment and
Population Statistics
Derived from
2010-2014 ACS survey and
2015 BLS LAUS program

Unemployment by Census Tract Sierra Vista (2015)



Unemployment Rate

2015 percent unemployment



source: ADOA,
Office of Employment and
Population Statistics
Derived from
2010-2014 ACS survey and
2015 BLS LAUS program

Census Tract Quick Facts (Cochise County, 2015, Abbreviated)

Census Tract	Civilian Labor Force	Employed	Unemployed	Unemployment Rate
000600	1,075	824	251	23.3%
000700	1,558	1,403	155	9.9%
000800	1,878	1,781	97	5.2%
001501	1,715	1,568	147	8.6%
001502	1,696	1,518	178	10.5%
001601	2,165	1,887	278	12.8%
001602	1,575	1,474	101	6.4%
001701	2,040	1,975	65	3.2%
001703	2,102	1,970	132	6.3%
001800	3,818	3,698	120	3.1%
001900	3,144	3,051	93	3.0%
002100	2,180	2,094	86	3.9%
Total	50,040	46,326	3,714	7.4%

Source: Produced by the Arizona Office of Employment and Population Statistics using 2015 LAUS data and 2014 ACS survey data in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics and the U.S. Census Bureau

Census Tract Quick Facts (Graham County, 2015)

Census Tract	Civilian Labor Force	Employed	Unemployed	Unemployment Rate
940500	1,518	1,224	294	19.4%
961100	1,790	1,675	115	6.4%
961201	1,246	1,169	77	6.2%
961202	1,851	1,777	74	4.0%
961300	1,612	1,417	195	12.1%
961400	2,274	2,164	110	4.8%
961500	2,149	2,007	142	6.6%
961600	482	472	10	2.1%
961700	1,728	1,657	71	4.1%
Total	14,650	13,562	1,088	7.4%

Source: Produced by the Arizona Office of Employment and Population Statistics using 2015 LAUS data and 2014 ACS survey data in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics and the U.S. Census Bureau

Census Tract Quick Facts (Greenlee County, 2015)

Census Tract	Civilian Labor Force	Employed	Unemployed	Unemployment Rate
960100	1,245	1,131	114	9.2%
960200	1,762	1,661	101	5.7%
960300	1,030	925	105	10.2%
Total	4,037	3,717	320	8.6%

Source: Produced by the Arizona Office of Employment and Population Statistics using 2015 LAUS data and 2014 ACS survey data in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics and the U.S. Census Bureau

Any Questions?

Contact Information

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