

Economics Occupation Report

CIP 45.0601

Cochise, Pima, SC







Economics, General

CIP 2010: A general program that focuses on the systematic study of the production, conservation and allocation of resources in conditions of scarcity, together with the organizational frameworks related to these processes. Includes instruction in economic theory, micro- and macroeconomics, comparative economic systems, money and banking systems, international economics, quantitative analytical methods, and applications to specific industries and public policy issues. * *Program Description – Settings*

Occupation Gender Breakdown 2016

	Gender	Jobs	Percent
•	Males	28	45.6% 
•	Females	33	54.4% 

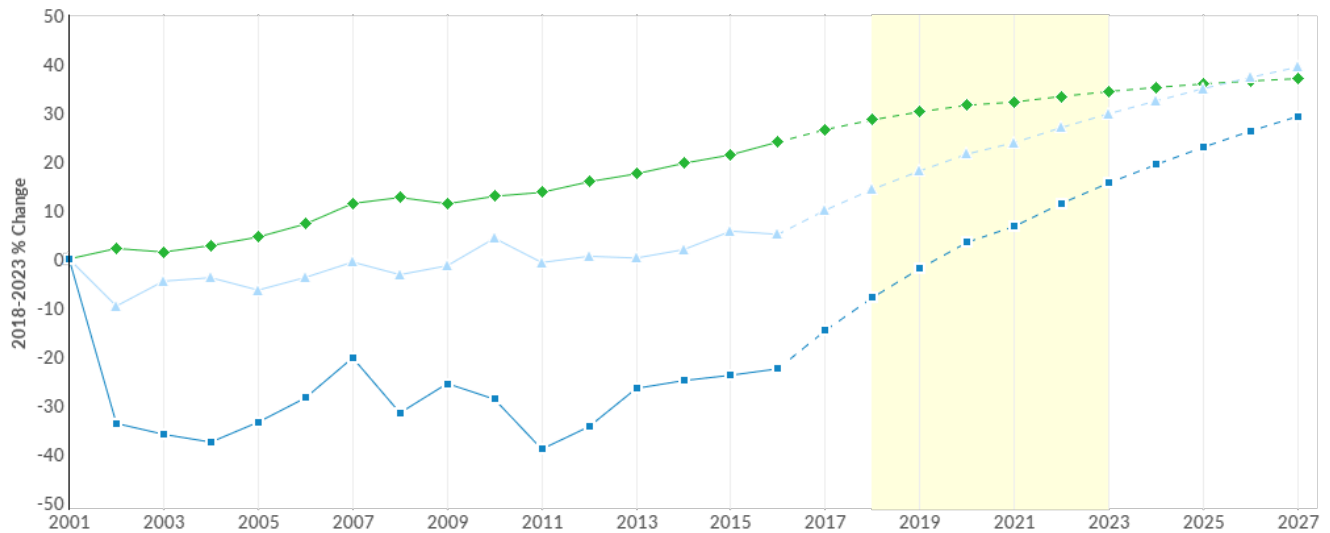
Occupation Age Breakdown 2016

	Age	Jobs	Percent
•	14-18	0	0.5%
•	19-24	7	11.3% 
•	25-34	22	35.6% 
•	35-44	13	21.6% 
•	45-54	9	14.0% 
•	55-64	7	12.1% 
•	65+	3	4.8% 

Occupation Summary for 45.0601

61 Jobs (2016) 40% below National average	24.7% % Change (2018-2023) Nation: 4.5%	\$26.66/hr Median Hourly Earnings Nation: \$38.95/hr
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Occupation Change Summary



Region	2018 Jobs	2023 Jobs	Change	% Change	Median Hourly Earnings
● Cochise County, AZ	<10	<10	--	--	\$54.87
● Cochise, Pima, SC	73	91	18	25%	\$26.66
● Arizona (AZ)	351	399	48	14%	\$29.04
● United States	35,251	36,843	1,592	5%	\$38.95

SOC	Description	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
19-3011	Economists	Master's degree	None	None
19-3022	Survey Researchers	Master's degree	None	None

Occupation Breakdown - 2018 Jobs

Occupation	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States
19-3011	Economists	<10	17	154	21,667
19-3022	Survey Researchers	<10	56	197	13,584
	Total	<10	73	351	35,251

Occupation Breakdown – 2023 Jobs

Occupation	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States
19-3011	Economists	<10	20	179	22,416
19-3022	Survey Researchers	<10	71	221	14,427
	Total	<10	91	399	36,843

Occupation Breakdown - Change

Occupation	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States
19-3011	Economists	--	3	25	749
19-3022	Survey Researchers	--	15	24	843
	Total	0	18	48	1,592

Occupation Breakdown - Median Hourly Earnings

Occupation	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States
19-3011	Economists	--	\$44.00	\$41.35	\$48.58
19-3022	Survey Researchers	--	\$24.23	\$26.64	\$25.83
	Total	\$0.00	\$29.00	\$33.04	\$39.92

Top Industries – Change from 2018 - 2023

NAICS Code	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States	
541910	Marketing Research and Public Opinion Polling		0	--	-3	-59
541990	All Other Professional, Scientific, and Technical Services		0	--	0	473
901199	Federal Government, Civilian, Excluding Postal Service		--	--	3	-181
902999	State Government, Excluding Education and Hospitals		--	--	1	69
541720	Research and Development in the Social Sciences and Humanities		--	--	2	-65
	Total		0	3	2	238

Source: QCEW Employees, Non-QCEW Employees & Self-Employed - Emsi 2017.3 Class of Worker

October 10, 2017

National Educational Attainment

Survey Researchers (19-3022)

	Education Level	2016 Percent
●	Less than high school diploma	0.2%
●	High school diploma or equivalent	0.3%
●	Some college, no degree	4.8% ■
●	Associate's degree	3.9% ■
●	Bachelor's degree	36.8% ■■
●	Master's degree	37.0% ■■■
●	Doctoral or professional degree	17.0% ■■

* National Educational Attainment – Settings

National Educational Attainment

Economists (19-3011)

	Education Level	2016 Percent
●	Less than high school diploma	0.8%
●	High school diploma or equivalent	0.0%
●	Some college, no degree	0.6%
●	Associate's degree	0.2%
●	Bachelor's degree	25.6% ■■
●	Master's degree	37.2% ■■■
●	Doctoral or professional degree	35.7% ■■■

* National Educational Attainment – Settings

Appendix A - Data Sources and Calculations

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Occupation Data

EMSI occupation employment data are based on final EMSI industry data and final EMSI staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level EMSI earnings by industry.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Industry Data

EMSI industry data have various sources depending on the class of worker. (1) For QCEW Employees, EMSI primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns and Current Employment Statistics. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

State Data Sources

This report uses state data from the following agencies: Arizona Department of Administration, Office of Employment and Population Statistics