

Psychology Occupation Report

CIP 42.0101

Cochise, Pima, SC

Psychology, General

CIP 2010: A general program that focuses on the scientific study of individual and collective behavior, the physical and environmental bases of behavior, and the analysis and treatment of behavior problems and disorders. Includes instruction in the principles of the various subfields of psychology, research methods, and psychological assessment and testing methods.

Occupation Gender Breakdown 2016

Gender	Jobs	Percent
Males	180	30.3%
Females	412	69.7%

Occupation Age Breakdown 2016

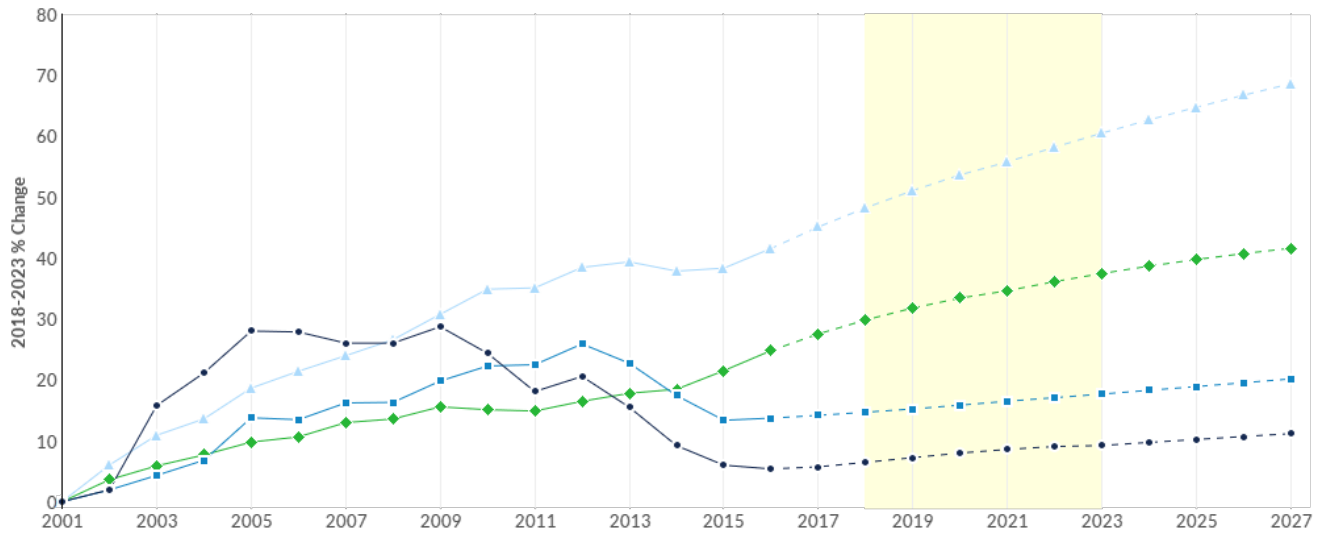
Age	Jobs	Percent
14-18	0	0.0%
19-24	6	1.0%
25-34	115	19.5%
35-44	131	22.2%
45-54	111	18.8%
55-64	151	25.6%
65+	77	13.0%

Occupation Summary for 42.0101

<p>592</p> <p>Jobs (2016)</p> <p>9% above National average</p>	<p>2.5%</p> <p>% Change (2018-2023)</p> <p>Nation: 5.9%</p>	<p>\$26.41/hr</p> <p>Median Hourly Earnings</p> <p>Nation: \$34.97/hr</p>
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October 10, 2017

Occupation Change Summary



Region	2018 Jobs	2023 Jobs	Change	% Change	Median Hourly Earnings
● Cochise County, AZ	33	34	1	3%	\$36.84
● Cochise, Pima, SC	597	612	15	3%	\$26.41
● Arizona (AZ)	3,595	3,892	297	8%	\$30.11
● United States	188,399	199,486	11,087	6%	\$34.97

SOC	Description	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
19-3031	Clinical, Counseling, and School Psychologists	Doctoral or professional degree	None	Internship/residency
19-3032	Industrial-Organizational Psychologists	Master's degree	None	Internship/residency
19-3039	Psychologists, All Other	Master's degree	None	Internship/residency

Occupation Breakdown - 2018 Jobs

Occupation	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States
19-3031	Clinical, Counseling, and School Psychologists	25	546	3,332	166,805
19-3039	Psychologists, All Other	<10	48	246	20,195
19-3032	Industrial-Organizational Psychologists	0	<10	17	1,399
	Total	33	597	3,595	188,399

Occupation Breakdown - 2023 Jobs

Occupation	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States
19-3031	Clinical, Counseling, and School Psychologists	26	560	3,610	177,207
19-3039	Psychologists, All Other	<10	51	266	20,870
19-3032	Industrial-Organizational Psychologists	0	<10	17	1,409
	Total	34	612	3,892	199,486

Occupation Breakdown - Change

Occupation	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States
19-3031	Clinical, Counseling, and School Psychologists	1	14	278	10,402
19-3032	Industrial-Organizational Psychologists	0	--	0	10
19-3039	Psychologists, All Other	--	3	20	675
	Total	1	15	297	11,087

Occupation Breakdown - Median Hourly Earnings

Occupation	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States
19-3039	Psychologists, All Other	--	\$39.95	\$40.97	\$43.03
19-3032	Industrial-Organizational Psychologists	\$0.00	--	\$37.55	\$43.24
19-3031	Clinical, Counseling, and School Psychologists	\$32.92	\$25.38	\$29.65	\$34.40
	Total	\$39.80	\$26.58	\$30.46	\$35.40

Top Industries – Change from 2018 - 2023

NAICS Code	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States
621330	Offices of Mental Health Practitioners (except Physicians)	--	-7	52	3,173
903611	Elementary and Secondary Schools (Local Government)	--	0	45	1,715
621399	Offices of All Other Miscellaneous Health Practitioners	--	0	8	622
901199	Federal Government, Civilian, Excluding Postal Service	--	2	4	-113
621420	Outpatient Mental Health and Substance Abuse Centers	--	5	30	873
	Total	0	0	140	6,270

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

National Educational Attainment

Clinical, Counseling, and School Psychologists (19-3031)

	Education Level	2016 Percent
●	Less than high school diploma	0.2%
●	High school diploma or equivalent	0.2%
●	Some college, no degree	0.2%
●	Associate's degree	0.2%
●	Bachelor's degree	5.6% ■
●	Master's degree	44.3% ■■■■■
●	Doctoral or professional degree	49.3% ■■■■■■

* National Educational Attainment – Settings

National Educational Attainment

Psychologists, All Other (19-3039)

	Education Level	2016 Percent
●	Less than high school diploma	0.2%
●	High school diploma or equivalent	0.2%
●	Some college, no degree	0.2%
●	Associate's degree	0.2%
●	Bachelor's degree	5.6% ■
●	Master's degree	44.3% ■■■■■
●	Doctoral or professional degree	49.3% ■■■■■■

* National Educational Attainment – Settings

National Educational Attainment

Industrial-Organizational Psychologists (19-3032)

	Education Level	2016 Percent
●	Less than high school diploma	0.2%
●	High school diploma or equivalent	0.2%
●	Some college, no degree	0.2%
●	Associate's degree	0.2%
●	Bachelor's degree	5.6% ■
●	Master's degree	44.3% ■■■■■
●	Doctoral or professional degree	49.3% ■■■■■■

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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