

Early Childhood Care and Education Occupation Report

CIP 13.1210

Cochise, Pima, SC

Early Childhood Education and Teaching

CIP 2010: A program that prepares individuals to teach students ranging in age from infancy through eight years (grade three), depending on the school system or state regulations. Includes preparation to teach all relevant subject matter. * *Program Description – Settings*

Occupation Gender Breakdown 2016

Gender	Jobs	Percent
Males	66	3.3%
Females	1,918	96.7%

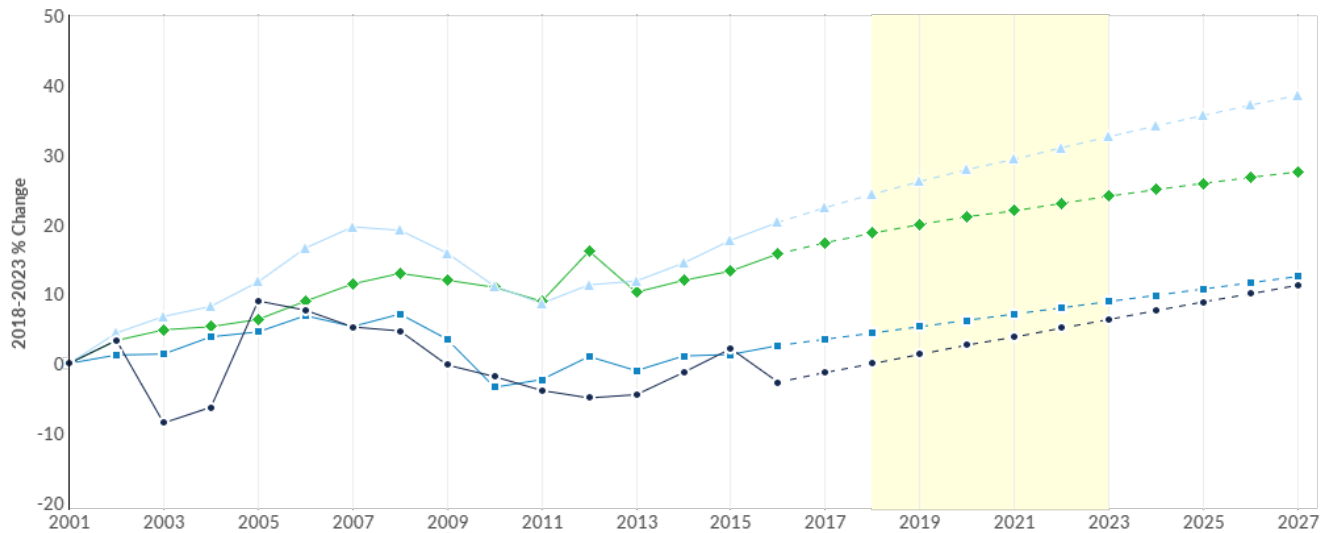
Occupation Age Breakdown 2016

Age	Jobs	Percent
14-18	4	0.2%
19-24	229	11.5%
25-34	557	28.1%
35-44	482	24.3%
45-54	404	20.4%
55-64	242	12.2%
65+	66	3.3%

Occupation Summary for 13.1210

1,984 Jobs (2016) 5% above National average	4.3% % Change (2018-2023) Nation: 4.5%	\$13.00/hr Median Hourly Earnings Nation: \$15.80/hr
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Occupation Change Summary



Region	2018 Jobs	2023 Jobs	Change	% Change	Median Hourly Earnings
● Cochise County, AZ	149	159	10	7%	\$15.16
● Cochise, Pima, SC	2,019	2,106	87	4%	\$13.00
● Arizona (AZ)	11,780	12,563	783	7%	\$14.32
● United States	649,268	678,220	28,952	4%	\$15.80

SOC	Description	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
25-2011	Preschool Teachers, Except Special Education	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	Bachelor's degree	None	Internship/residency

Occupation Breakdown - 2018 Jobs

Occupation	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States
25-2011	Preschool Teachers, Except Special Education	87	1,612	8,552	493,567
25-2012	Kindergarten Teachers, Except Special Education	62	406	3,228	155,700
	Total	149	2,019	11,780	649,268

Occupation Breakdown - 2023 Jobs

Occupation	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States
25-2011	Preschool Teachers, Except Special Education	95	1,694	9,133	516,205
25-2012	Kindergarten Teachers, Except Special Education	64	412	3,430	162,015
	Total	159	2,106	12,563	678,220

Occupation Breakdown - Change

Occupation	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States
25-2011	Preschool Teachers, Except Special Education	8	82	581	22,638
25-2012	Kindergarten Teachers, Except Special Education	2	6	202	6,315
	Total	10	87	783	28,952

Occupation Breakdown - Median Hourly Earnings

Occupation	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States
25-2012	Kindergarten Teachers, Except Special Education	\$20.95	\$18.44	\$20.00	\$25.28
25-2011	Preschool Teachers, Except Special Education	\$11.08	\$11.49	\$11.92	\$13.84
	Total	\$15.29	\$12.92	\$14.14	\$16.59

Top Industries – Change from 2018 - 2023

NAICS Code	Description	Cochise County, AZ	Cochise, Pima, SC	Arizona (AZ)	United States
624410	Child Day Care Services	7	44	217	12,840
813110	Religious Organizations	2	17	117	3,740
903611	Elementary and Secondary Schools (Local Government)	2	3	173	6,634
903999	Local Government, Excluding Education and Hospitals	--	2	10	281
611110	Elementary and Secondary Schools	-1	4	169	3,299
	Total	10	69	687	26,794

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

National Educational Attainment

Preschool Teachers, Except Special Education (25-2011)

Education Level	2016 Percent
Less than high school diploma	1.9%
High school diploma or equivalent	12.8%
Some college, no degree	22.5%
Associate's degree	15.3%
Bachelor's degree	34.3%
Master's degree	12.4%
Doctoral or professional degree	0.7%

* National Educational Attainment – Settings

National Educational Attainment

Kindergarten Teachers, Except Special Education (25-2012)

Education Level	2016 Percent
Less than high school diploma	1.9%
High school diploma or equivalent	12.8%
Some college, no degree	22.5%
Associate's degree	15.3%
Bachelor's degree	34.3%
Master's degree	12.4%
Doctoral or professional degree	0.7%

* National Educational Attainment – Settings

October 10, 2017

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