

Professional Pilot Technology Education Report

CIP 49.0102

Cochise, Pima, SC

Airline/Commercial/Professional Pilot and Flight Crew

CIP 2010: A program that prepares individuals to apply technical knowledge and skills to the flying and/or navigation of commercial passenger and cargo, agricultural, public service, corporate and rescue fixed wing aircraft. Includes instruction in principles of aircraft design and performance, aircraft flight systems and controls, flight crew operations and procedures, radio communications, navigation procedures and systems, airways safety and traffic regulations, and governmental rules and regulations pertaining to piloting aircraft. Programs may qualify individuals to sit for the FAA commercial and airline aircrew examinations.

Target Occupations

187 Jobs (2016) 53% below National average	6.8% % Change (2017-2022) Nation: 3.2%	\$39.33/hr Median Hourly Earnings Nation: \$50.55/hr
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Occupation	2017 Jobs	Annual Openings	Median Hourly Earnings	Growth (2017 - 2022)	Location Quotient (2017)
Commercial Pilots	129	6	\$31.48/hr	10.08%	0.97
Airline Pilots, Copilots, and Flight Engineers	61	2	\$54.51/hr	1.64%	0.23

* Target Occupations - Settings

Occupational Programs						
1.00	4.00	13.00				
Programs (2015)	Completions (2015)	Openings (2015)				
CIP Code	Program	Completions (2011)	Completions (2012)	Completions (2013)	Completions (2014)	Completions (2015)
49.0102	Airline/Commercial/Professional Pilot and Flight Crew	1	0	5	1	4

Programs by Institution				
CIP Code	Title	Institution	Award Level	Completions (2015)
49.0102	Airline/Commercial / Professional Pilot and Flight Crew	Cochise County Community College District	Award of at least 1 but less than 2 academic years	0
49.0102	Airline/Commercial / Professional Pilot and Flight Crew	Cochise County Community College District	Associates degree	4

Regional Completions by Award Level

Award Level	Completions (2015)	Percent
• Associates degree	4	100.0% 
Award of less than 1 academic year	0	0.0%
Award of at least 1 but less than 2 academic years	0	0.0%
Award of at least 2 but less than 4 academic years	0	0.0%
Bachelors degree	0	0.0%
Postbaccalaureate certificate	0	0.0%
Masters degree	0	0.0%
Post-masters certificate	0	0.0%
Doctors degree	0	0.0%

* Regional Completions by Award Level - Settings

Regional Completions by Institution

Institution	Certificates (2015)	Degrees (2015)	Total Completions (2015)
Cochise County Community College District	0	4	4

* Regional Completions by Institution - 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.

State Data Sources

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