

Chef Garde Manger/Sous Chef Apprentice Education Report

CIP 12.0505

Cochise, Pima, SC

Food Preparation/Professional Cooking/Kitchen Assistant

CIP 2010: A program that prepares individuals to serve under the supervision of chefs and other food service professionals as kitchen support staff and commercial food preparation workers. Includes instruction in kitchen organization and operations, sanitation and quality control, basic food preparation and cooking skills, kitchen and kitchen equipment maintenance, and quantity food measurement and monitoring.

Target Occupations


17,636 Jobs (2016) 3% below National average		6.2% % Change (2017-2022) Nation: 4.8%		\$9.29/hr Median Hourly Earnings Nation: \$9.83/hr	
Occupation	2017 Jobs	Annual Openings	Median Hourly Earnings	Growth (2017 - 2022)	Location Quotient (2017)
Combined Food Preparation and Serving Workers, Including Fast Food	11,299	567	\$9.03/hr	8.12%	1.09
Cooks, Fast Food	2,256	59	\$8.87/hr	-2.75%	1.37
Dishwashers	1,616	78	\$8.93/hr	1.79%	1.02
Food Preparation Workers	1,536	76	\$10.33/hr	9.96%	0.55
Cooks, Institution and Cafeteria	1,013	38	\$11.73/hr	4.84%	0.76
Cooks, Short Order	204	9	\$10.76/hr	8.33%	0.33
Cooks, Private Household	<10	Insft. Data	Insft. Data	Insft. Data	Insft. Data

* Target Occupations - Settings

Occupational Programs						
4.00	29.00	1,169.00				
Programs (2015)	Completions (2015)	Openings (2015)				
CIP Code	Program	Completions (2011)	(2012)	(2013)	(2014)	(2015)
12.0503	Culinary Arts/Chef Training	17	33	31	37	28
12.0505	Food Preparation/Professional Cooking/Kitchen Assistant	23	21	31	6	1
12.0599	Culinary Arts and Related Services, Other	37	16	0	1	0
12.0500	Cooking and Related Culinary Arts, General	0	0	0	0	0

Programs by Institution				
CIP Code	Title	Institution	Award Level	Completions (2014)
12.0500	Cooking and Related Culinary Arts, General	Pima Community College	Award of at least 1 but less than 2 academic years	0
12.0503	Culinary Arts/Chef Training	Pima Community College	Award of less than 1 academic year	2
12.0503	Culinary Arts/Chef Training	The Art Institute of Tucson	Award of at least 1 but less than 2 academic years	4
12.0503	Culinary Arts/Chef Training	The Art Institute of Tucson	Associates degree	16
12.0503	Culinary Arts/Chef Training	Cochise County Community College District	Associates degree	0
12.0503	Culinary Arts/Chef Training	The Art Institute of Tucson	Bachelors degree	6
12.0505	Food Preparation/Professional Cooking/Kitchen Assistant	Cochise County Community College District	Award of less than 1 academic year	1
12.0505	Food Preparation/Professional Cooking/Kitchen Assistant	Pima Community College	Award of less than 1 academic year	0
12.0505	Food Preparation/Professional Cooking/Kitchen Assistant	Cochise County Community College District	Award of at least 1 but less than 2 academic years	0
12.0505	Food Preparation/Professional Cooking/Kitchen Assistant	Pima Community College	Award of at least 1 but less than 2 academic years	0
12.0599	Culinary Arts and Related Services, Other	Pima Community College	Award of less than 1 academic year	0
12.0599	Culinary Arts and Related Services, Other	Pima Community College	Award of at least 1 but less than 2 academic years	0

Regional Completions by Award Level

	Award Level	Completions (2015)	Percent
●	Award of less than 1 academic year	1	100.0% 
	Award of at least 1 but less than 2 academic years	0	0.0%
	Associates degree	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	1	0	1
Pima Community College	0	0	0

* 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

November 30, 2016