

# Chef Patissier – Baker’s Apprentice Education Report

CIP 12.0501

Cochise, Santa Cruz, Pima

## Bakers

SOC 51-3011: Mix and bake ingredients to produce breads, rolls, cookies, cakes, pies, pastries, or other baked goods. Pastry chefs in restaurants and hotels are included with "Chefs and Head Cooks" (35-1011).

## Target Occupations




<b>477</b> Jobs (2016) 18% below National average	<b>9.8%</b> % Change (2017-2022) Nation: 5.1%	<b>\$11.87/hr</b> Median Hourly Earnings Nation: \$11.85/hr			
<b>Occupation</b>	<b>2017 Jobs</b>	<b>Annual Openings</b>	<b>Median Hourly Earnings</b>	<b>Growth (2017 - 2022)</b>	<b>Location Quotient (2017)</b>
Bakers	490	21	\$11.87/hr	9.80%	0.83

\* Target Occupations - Settings

Occupational Programs						
1.00	21.00	40.00				
Programs (2015)	Completions (2015)	Openings (2015)				
CIP Code	Program	Completions (2011)	(2012)	(2013)	(2014)	(2015)
12.0501	Baking and Pastry Arts/Baker/Pastry Chef	9	18	28	24	21

<b>Programs by Institution</b>				
CIP Code	Title	Institution	Award Level	Completions (2015)
12.0501	Baking and Pastry Arts/Baker/Pastry Chef	Pima Community College	Award of less than 1 academic year	3
12.0501	Baking and Pastry Arts/Baker/Pastry Chef	Cochise County Community College District	Award of less than 1 academic year	1
12.0501	Baking and Pastry Arts/Baker/Pastry Chef	The Art Institute of Tucson	Award of at least 1 but less than 2 academic years	2
12.0501	Baking and Pastry Arts/Baker/Pastry Chef	Cochise County Community College District	Award of at least 1 but less than 2 academic years	0
12.0501	Baking and Pastry Arts/Baker/Pastry Chef	Pima Community College	Award of at least 1 but less than 2 academic years	0
12.0501	Baking and Pastry Arts/Baker/Pastry Chef	The Art Institute of Tucson	Associates degree	15

## Regional Completions by Award Level

Award Level	Completions (2015)	Percent
Award of less than 1 academic year	4	19.0% 
Award of at least 1 but less than 2 academic years	2	9.5% 
Associates degree	15	71.4% 
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)
Pima Community College	2	15	17
The Art Institute of Tucson	3	0	3
Cochise County Community College District	1	0	1

\* 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