Santa Cruz County LWB Labor Market Information

Introduction Summary

The Arizona Office of Economic Opportunity (OEO) produces demographic, labor force, regulatory, workforce, and economic information for Arizona and substate areas. OEO created the following summary of economic highlights for Santa Cruz County.

This section summarizes labor market and workforce trends occurring within the Santa Cruz County economy to help address and manage future workforce challenges.

- Santa Cruz County experienced a population decline of 1, 211 individuals from 2010-2017, which represents 2.3% of the County's population
- Through 2021, half of the county's population growth will be created by natural change (number of births exceeding the number of deaths)
- Santa Cruz County is a younger and poorer county with a lower median age, a lower median household income, and a higher rate of poverty
- Unemployment rates for Santa Cruz County workers with a high school diploma or less (11.7% to 15.5%) is significantly higher than Santa Cruz County workers with some postsecondary education (5.1% to 6.7%)
- Approximately 20% of Santa Cruz County workers have a Bachelor's degree or higher, though these workers also have an unemployment rate roughly twice that of their counter parts in the state or nation.
- Santa Cruz County has a higher rate of public assistance utilization than either Arizona or the United States.
- Santa Cruz County has a significantly high proportion of their population uninsured at 17.7% when compared to Arizona or the United States, which are both at or below 10%
- Santa Cruz County saw declines in employment from the spring of 2015 through the spring of 2018; however, beginning in the summer of 2018 the county's employment experienced modest growth
- In September 2018, Santa Cruz County saw Government job growth of 0.7% (25 jobs); Trade, Transportation and Utilities of 1.0% (50 jobs); and, Other Private Service-Providing of 1.7% (50 jobs).
- The following industries are projected to gain jobs from 2018-2019 at rates exceeding 5% - Building Material and Garden Equipment and Supplies Dealers (25.7%); Specialty Trade Contractors (13.2%); Support

Economic Overview
Santa Cruz County

How to use data:

–Use data to drive decision, not validate decisions

–**Use more than one source of data** – don't lock yourself into a single estimate, consider all of the available data to get the most accurate picture

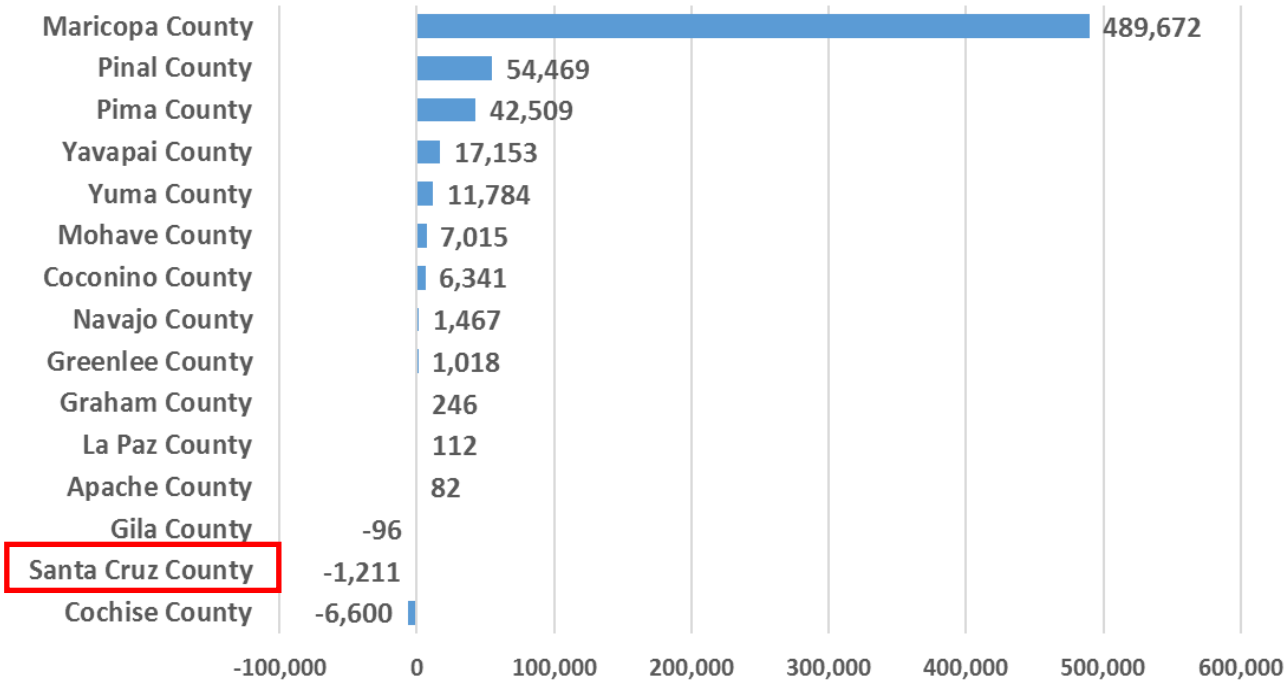
–**Know the limitations of your data set** – it's easy to accidently misuse data and draw erroneous conclusions

–**Become familiar with different data sets (or someone who is)** – there is no one place to find all the data you need

Immerse yourself in the data

Be prepared to accept surprising surprises

Population Growth by County (2010-2017):



Source: Produced by the Arizona Office of Economic Opportunity using 2017 Population Estimates (PEPTCOMP) in cooperation with the US Census Bureau

Maricopa, Pima, and Pinal Counties represented 94% of total population growth within the state; however, these counties are also the most populous. Santa Cruz County experienced a population decline of 1, 211 individuals during from 2010 to 2017, which represents 2.3% of the total population of Santa Cruz County on July 1st, 2017. Projected population growth is expected to remain positive until the end of the projection period in 2050.

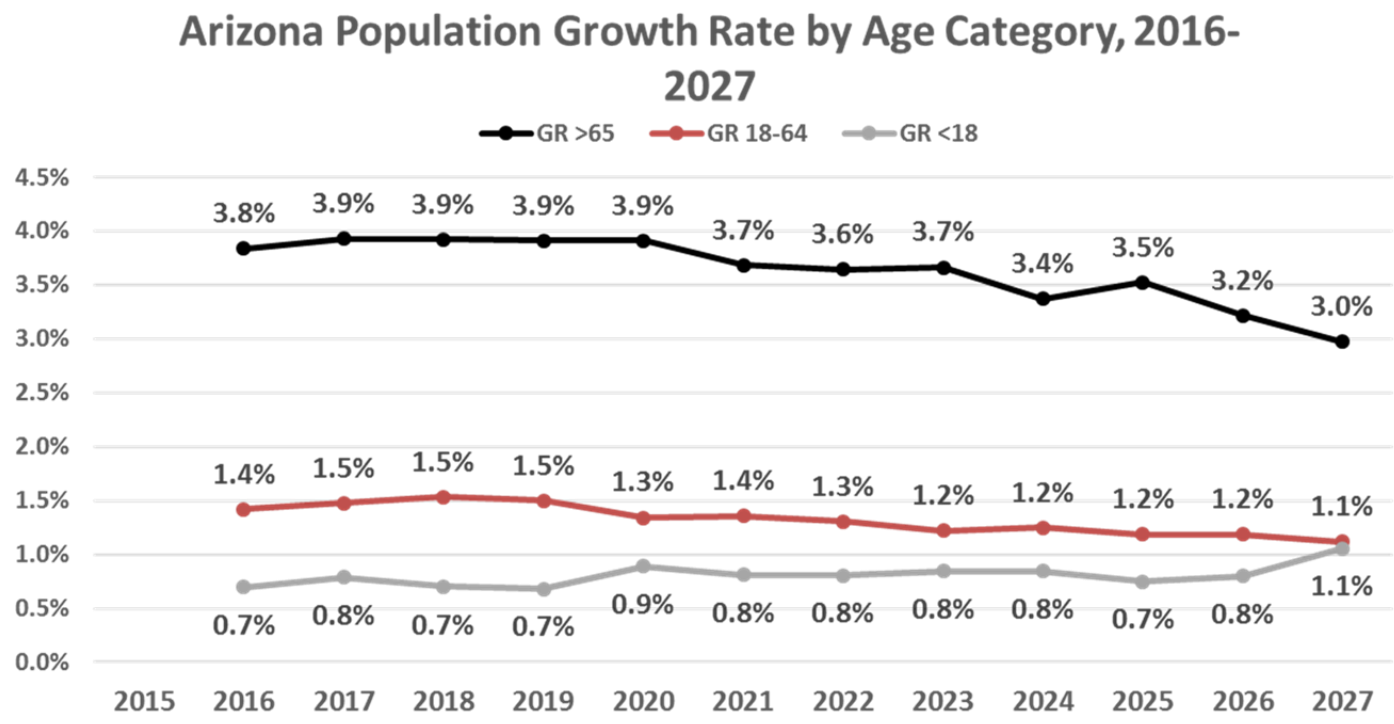
Santa Cruz County Population Projections

2015 Medium Series

Year	Population	Population Change	Population % Change	Natural Change (Births-Deaths)	Total Net Migration (Inflows-Outflows)
2017	51,728	729	1.4%	347	383
2018	52,455	728	1.4%	343	385
2019	53,181	725	1.4%	341	385
2020	53,903	722	1.4%	338	384
2021	54,618	716	1.3%	334	382
Source: Arizona Office of Economic Opportunity 2015-2050 Population Projections, Medium Series					

Santa Cruz County is projected to have modest, though slowing growth until the end of the projection period in 2050. Currently, approximately half of this population growth will be created by natural change (number of births exceeding the number of deaths) with the other half of this population growth being created by net migration (number of individuals moving to Santa Cruz County exceeding the number of individuals moving away from Santa Cruz County).

For more information on Santa Cruz County's population projections through 2050 please visit - https://population.az.gov/population-projections



Source: Arizona Office of Economic Opportunity 2015-2050 Population Projections, Medium Series

Chart note: data is for the whole state of Arizona

The 65 and over population is projected to grow at nearly 2-3 times the rate of the 18-64 age group and 3-4 times the rate of the 17 and under age group. The growth rate of the 65 and over cohort will steadily decline over the next decade. The 18-64 cohort will experience slower declines in their growth rate over the next decade. The 17 and under cohort will see modest increases in growth rates during the same period.

Population Characteristics (2016)

Indicator	Santa Cruz County	Arizona	United States
Median Household Income	$38,941	$51,340	$55,322
Median Age	36.4	37.1	37.7
Individuals with a Disability between 18-64	10.2%	10.3%	10.3%
Veterans	5.5%	9.8%	8.0%
Poverty Status	21.9%	17.7%	15.1%
Mean Travel Time to Work (minutes)	22:7	24:54	26:06
Civilian Labor Force Participation Rate	55.2%	59.1%	63.1%
Population over 16	34,968	5,290,839	253,323,709
Source: **Produced by the Arizona Office of Economic Opportunity using 2016 ACS 5-Year Estimates (DP03, B01002, S1810, S2101) in cooperation with the US Census Bureau**			

- Santa Cruz County has a significantly lower median household income than Arizona or the United States
- Santa Cruz County's median age is lower than the state or national median ages
- Santa Cruz County shows a higher rate of poverty

These are some of the issues that can shape workforce development policies. Santa Cruz is a unique area with unique circumstances.

Highest Educational Level Achieved

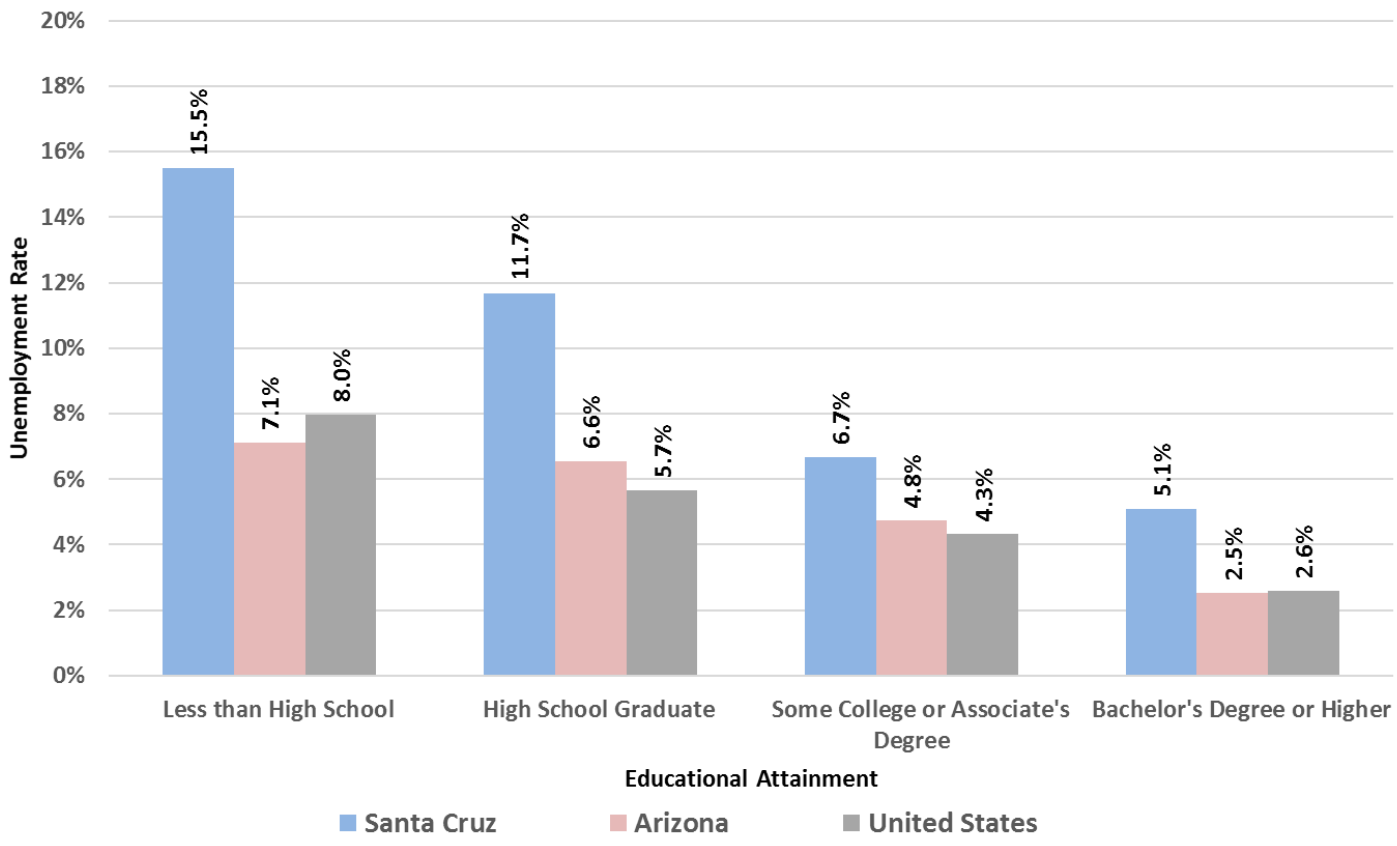
(Population over 25 years of age; 2016)

	Santa Cruz County	Arizona	United States
Less than High School	25.2%	13.8%	13.0%
High School Graduate (includes equivalency)	46.2%	49.7%	48.5%
Associate's Degree	6.1%	8.5%	8.2%
Bachelor's Degree	15.1%	17.5%	18.8%
Graduate or Professional Degree	7.4%	10.4%	11.5%
Source: **Produced by the Arizona Office of Economic Opportunity using 2016 ACS 5-Year Estimates (S1501) in cooperation with the US Census Bureau**			

Santa Cruz County's population has a similar proportion of individuals that are high school graduates (46.2%) as Arizona or the United States. However, the County does have a high proportion of individuals with less than a high school diploma (25.2%). Conversely, Santa Cruz County's proportion of individuals with an Associate's degree or higher (28.6%) lags approximately ten percentage points behind the rates in Arizona (38%) or the United States (40.5%).

Unemployment Rate by Educational Attainment (Ages 25-64)

Santa Cruz County 2016



Source: Produced by the Arizona Office of Economic Opportunity using 2016 ACS 5-Year Estimates (B23006) in cooperation with

Unemployment rates for Santa Cruz County workers with a high school diploma or less (11.7% to 15.5%) is significantly higher than Santa Cruz County workers with some postsecondary education (5.1% to 6.7%). Approximately 20% of Santa Cruz County workers have a Bachelor's degree or higher, though these workers also have an unemployment rate roughly twice that of their counter parts in the state or nation.

Santa Cruz County Public Assistance Households (2016)

	Santa Cruz County	Arizona	United States
TANF (Temporary Assistance for Needy Families)	7.5%	2.1%	2.7%
SSI (Supplemental Security Income)	6.0%	4.3%	5.4%
SNAP (Supplemental Nutrition Assistance Program)	25.5%	13.2%	13.0%
Medicaid/AHCCCS (Arizona Health Care Cost Containment System)	20.1%	16.2%	14.2%
Source: Produced by the Arizona Office of Economic Opportunity using 2016 ACS 5-Year Estimates (DP03, B27010) in cooperation with the US Census Bureau			

Chart note: TANF, SSI, and SNAP proportions are based on households, while Medicaid/AHCCCS proportions are based on individuals.

Santa Cruz County has a higher rate of public assistance utilization than either Arizona or the United States. The most significantly higher rate of utilization is with the SNAP program, where roughly a quarter of Santa Cruz County households are enrolled, whereas only approximately 13% of state and national households are enrolled in the SNAP program.

Santa Cruz County Health Insurance (2016)

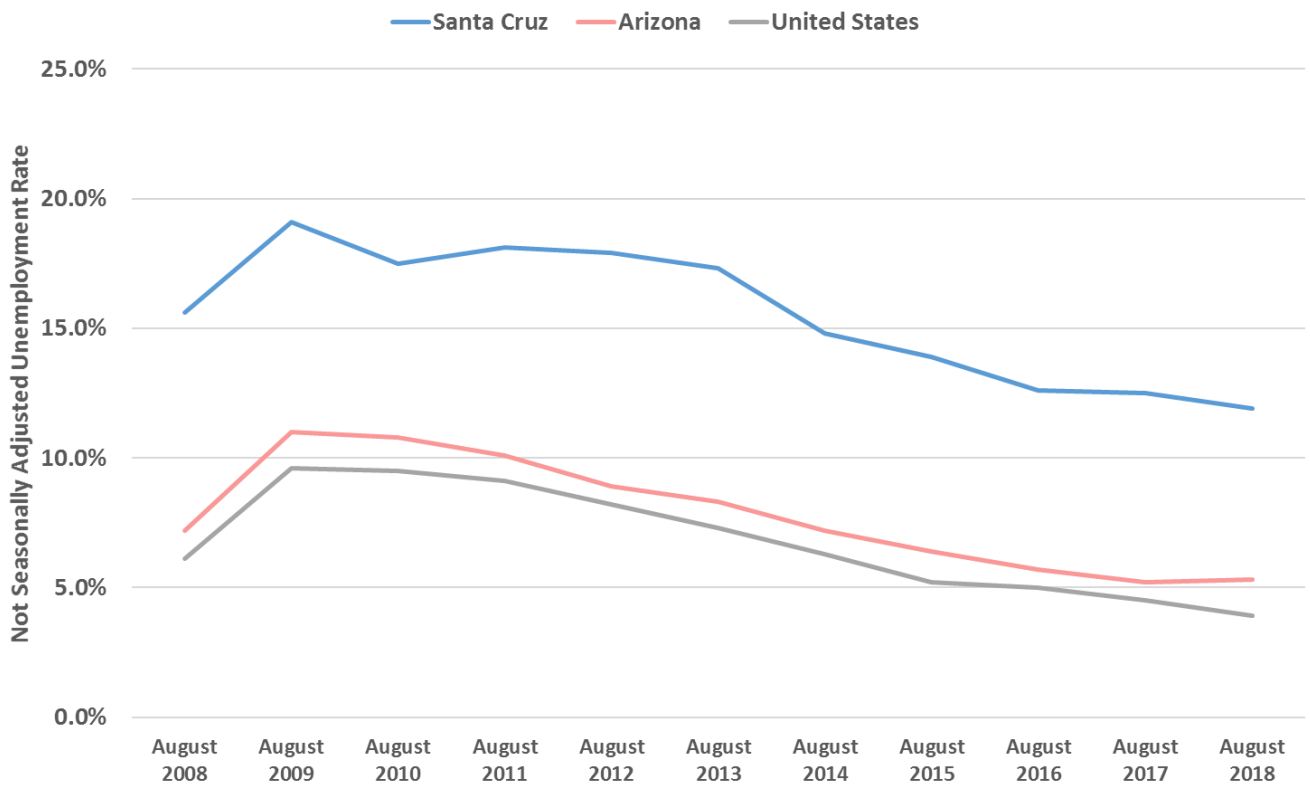
	Santa Cruz County	Arizona	United States
Private Coverage Only (Employer, Direct-Purchase, TRICARE)	38.7%	2.1%	2.7%
Public Coverage Only (Medicare, AHCCCS, Veteran's Admin.)	28.8%	4.3%	5.4%
More than one source of health care coverage	14.7%	13.2%	13.0%
Uninsured	17.7%	16.2%	14.2%
Source: **Produced by the Arizona Office of Economic Opportunity using 2016 ACS 5-Year Estimates (B27010) in cooperation with the US Census Bureau**			

Santa Cruz County has a significantly high proportion of their population uninsured at 17.7% when compared to Arizona or the United States. Santa Cruz County also has a higher rate of Medicaid coverage, though a lower rate of private coverage, than the rest of Arizona and the United States.

August Unemployment Rate Comparisons

Santa Cruz County, Arizona, and United States

Historical Rates



Source: Office of Economic Opportunity in cooperation with the US Department of Labor, Bureau of Labor Statistics using Local Area Unemployment Statistics (LAUS)

Santa Cruz County's unemployment rate has trended significantly above the rates of Arizona and the United States. Over the 10 year period from 2008 to 2018, Santa Cruz County's unemployment rate has been, on average, 7.7% above Arizona's rate and 8.8% above the national rate.

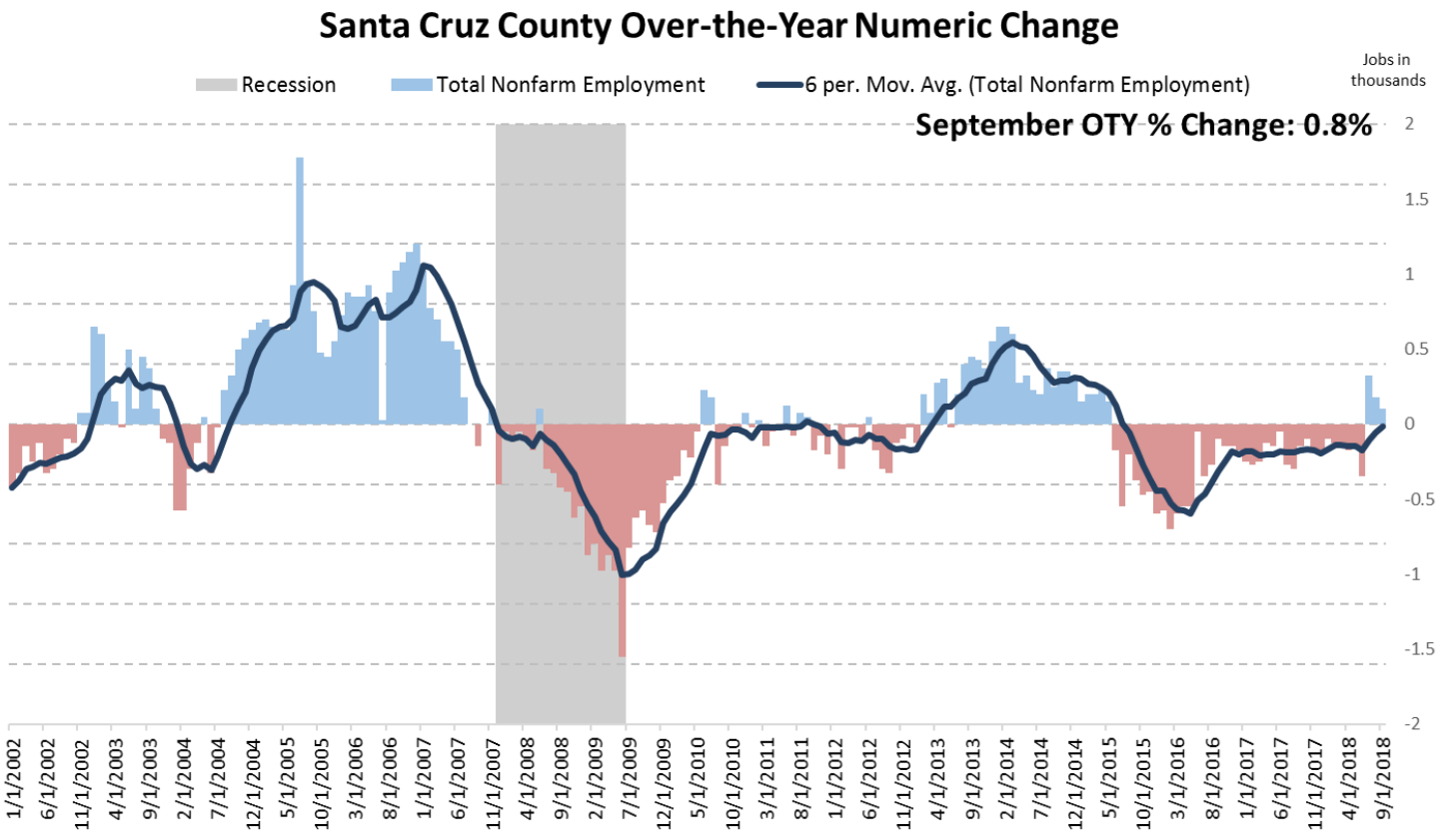
Santa Cruz County Industry Nonfarm Employment Share

2001 and 2017 Annual Averages

Industry	Employment Share 2001	Employment Share 2017	Change
Goods Producing	11.30%	5.86%	**-5.4%**
Private Service-Providing	63.04%	65.63%	**2.6%**
Federal Government	9.03%	12.30%	**3.3%**
State and Local Government	16.63%	16.21%	**-.04%**
Total	**100%**	**100%**	
Source: Produced by the Arizona Office of Economic Opportunity using CES data in cooperation with the US Department of Labor, Bureau of Labor Statistics			

Santa Cruz County's economy has changed in the 21st century. While total employment has remained relatively steady, the distribution between industries has changed over time. Goods Producing has lost the most shares (-5.4%). The area with the most significant increase in employment share was Federal Government whose share grew 3.3% from 2001 to 2017.

Santa Cruz County Nonfarm Employment Historical Over The Year Numeric Changes

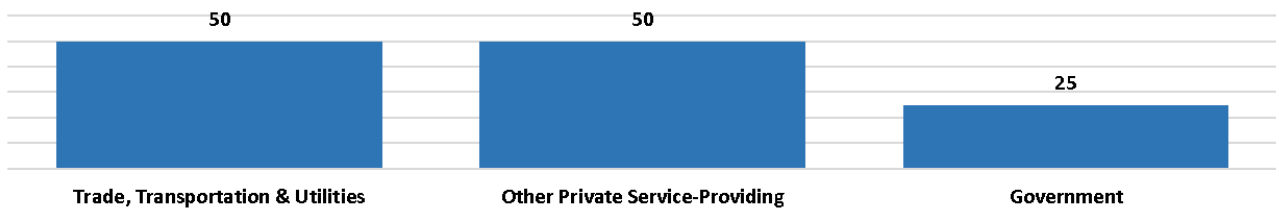


Source: Office of Economic Opportunity in cooperation with the US Department of Labor, Bureau of Labor Statistics using Current Employment Statistics (CES)

Santa Cruz County saw declines in employment from the spring of 2015 through the spring of 2018; however, beginning in the summer of 2018 the county's employment experienced modest growth.

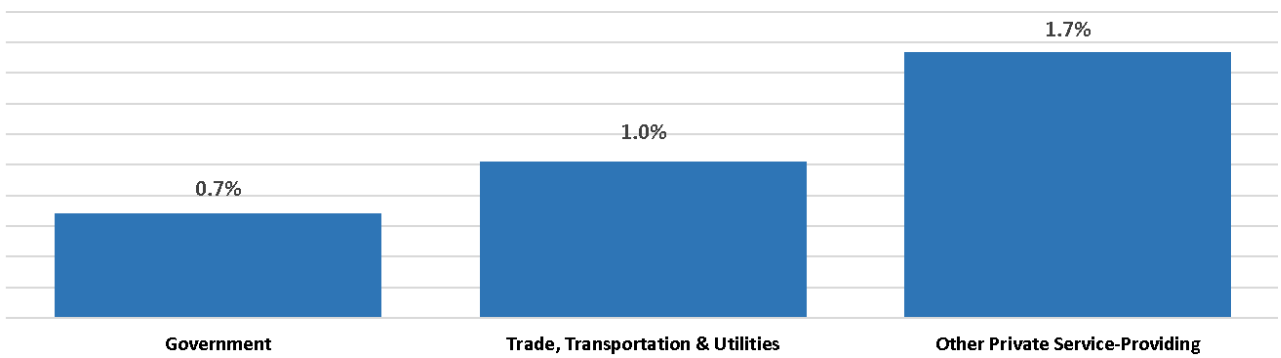
September 2018 Nonfarm Employment Report

Santa Cruz County Numeric Over-the-Year Employment Gain/Loss by Sector



Source: Office of Economic Opportunity in cooperation with the US Department of Labor, Bureau of Labor Statistics using Current Employment Statistics (CES)

Santa Cruz County Percentage Over-the-Year Employment Gain/Loss by Sector



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In September 2018, Santa Cruz County saw Government job growth of 0.7% (25 jobs); Trade, Transporta-

2017-2019 Santa Cruz County Industry Employment Projections				
			2-Year Change	
Industry Title	2017	2019	Numeric	Percent
Total All Industries	**15,080**	**15,156**	**76**	**0.5%**
Building Material and Garden Equipment and Suppli	187	235	48	25.7%
Specialty Trade Contractors	152	172	20	13.2%
Support Activities for Agriculture and Forestry	217	244	27	12.4%
Ambulatory Health Care Services	442	471	29	6.6%
Health Care and Social Assistance	610	648	38	6.2%
Food Services and Drinking Places	900	946	46	5.1%
Warehousing and Storage	584	612	28	4.8%
Accommodation and Food Services	1,269	1,324	55	4.3%
Support Activities for Transportation	566	590	24	4.2%
Construction	231	240	9	3.9%
Administrative and Support Services	193	200	7	3.6%
Administrative and Support and Waste Management	228	236	8	3.5%
Transportation and Warehousing	1,649	1,704	55	3.3%
Other Services (Except Government)	400	412	12	3.0%
Agriculture (111+112)	378	389	11	2.9%
Unclassified Payroll Employment	187	192	5	2.7%
Professional, Scientific, and Technical Services	199	204	5	2.5%
Professional, Scientific, and Technical Services	199	204	5	2.5%
Gasoline Stations	163	167	4	2.5%
Accommodation	369	378	9	2.4%
Motor Vehicle and Parts Dealers	185	189	4	2.2%
Self-Employed and Unpaid Family Workers, All Jobs	882	896	14	1.6%
Self-Employed and Unpaid Family Workers, All Jobs	882	896	14	1.6%
Local Government, Excluding Education and Hospital	725	736	11	1.5%
Educational Services	1,254	1,271	17	1.4%
Educational Services	1,254	1,271	17	1.4%
Religious, Grantmaking, Civic, Professional, and Sim	224	227	3	1.3%
Manufacturing	478	483	5	1.0%
Food and Beverage Stores	366	367	1	0.3%
Government	2,434	2,436	2	0.1%
Merchant Wholesalers, Durable Goods	158	158	-	0.0%
Miscellaneous Store Retailers	111	111	-	0.0%
Truck Transportation	441	441	-	0.0%
Federal Government, Excluding Post Office	1,516	1,516	-	0.0%
Miscellaneous Manufacturing	123	122	(1)	-0.8%
Arts, Entertainment, and Recreation	102	101	(1)	-1.0%
Wholesale Electronic Markets and Agents and Broke	120	117	(3)	-2.5%
Retail Trade	2,049	1,975	(74)	-3.6%
Real Estate and Rental and Leasing	114	109	(5)	-4.4%
Finance and Insurance	225	214	(11)	-4.9%
Wholesale Trade	1,967	1,867	(100)	-5.1%
Merchant Wholesalers, Nondurable Goods	1,689	1,592	(97)	-5.7%
State Government, Excluding Education and Hospital	147	136	(11)	-7.5%
Credit Intermediation and Related Activities	132	119	(13)	-9.8%
Clothing and Clothing Accessories Stores	194	174	(20)	-10.3%
General Merchandise Stores	681	577	(104)	-15.3%

Source: Arizona Office of Economic Opportunity 2017-2019 Industry Projections

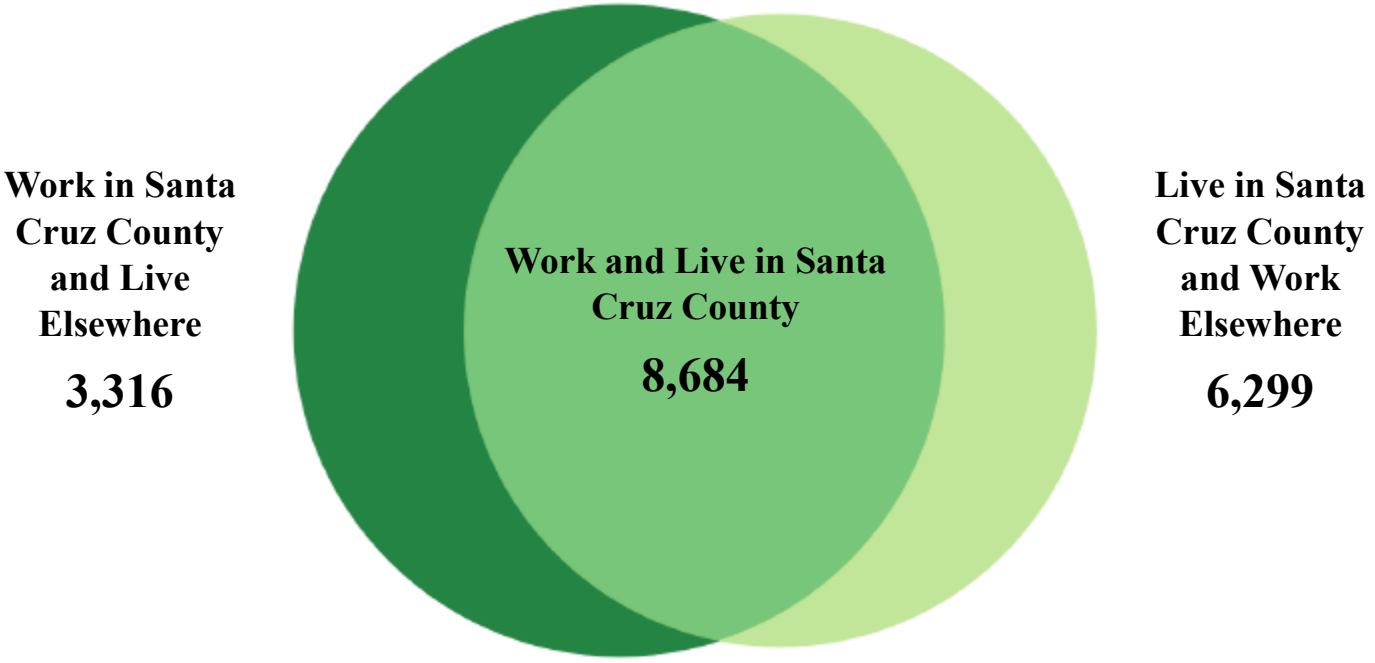
Building Material and Garden Equipment and Supplies Dealers (25.7%); Specialty Trade Contractors

2017-2019 Projected Job Growth by Region				
Area Name	2017 Estimated Total Employment Level	2019 Estimated Total Employment Level	2-year Numeric Growth	2-Year Annualized Percentage Growth
Arizona	2,933,968	3,086,936	152,968	2.6%
Coconino County	70,107	72,350	2,243	1.6%
Maricopa County	2,067,036	2,190,157	123,121	3.0%
Mohave and La Paz	59,173	61,573	2,400	2.0%
Northeastern Arizona	74,509	76,772	2,263	1.5%
Pima County	392,316	405,671	13,355	1.7%
Pinal County	66,356	69,239	2,883	2.1%
Santa Cruz County	15,080	15,156	76	0.3%
Southeastern Arizona	53,375	55,103	1,728	1.6%
Yavapai County	69,233	72,103	2,870	2.1%
Yuma County	66,281	68,306	2,025	1.5%

Arizona Office of Economic Opportunity 2017-2019 Industry Projections

The different regions in Arizona are projected to experience job growth during the projections period. Some are projected to grow faster than others, but the growth rates are projected to be positive.

Santa Cruz County Commuting Patterns
Santa Cruz County 2015



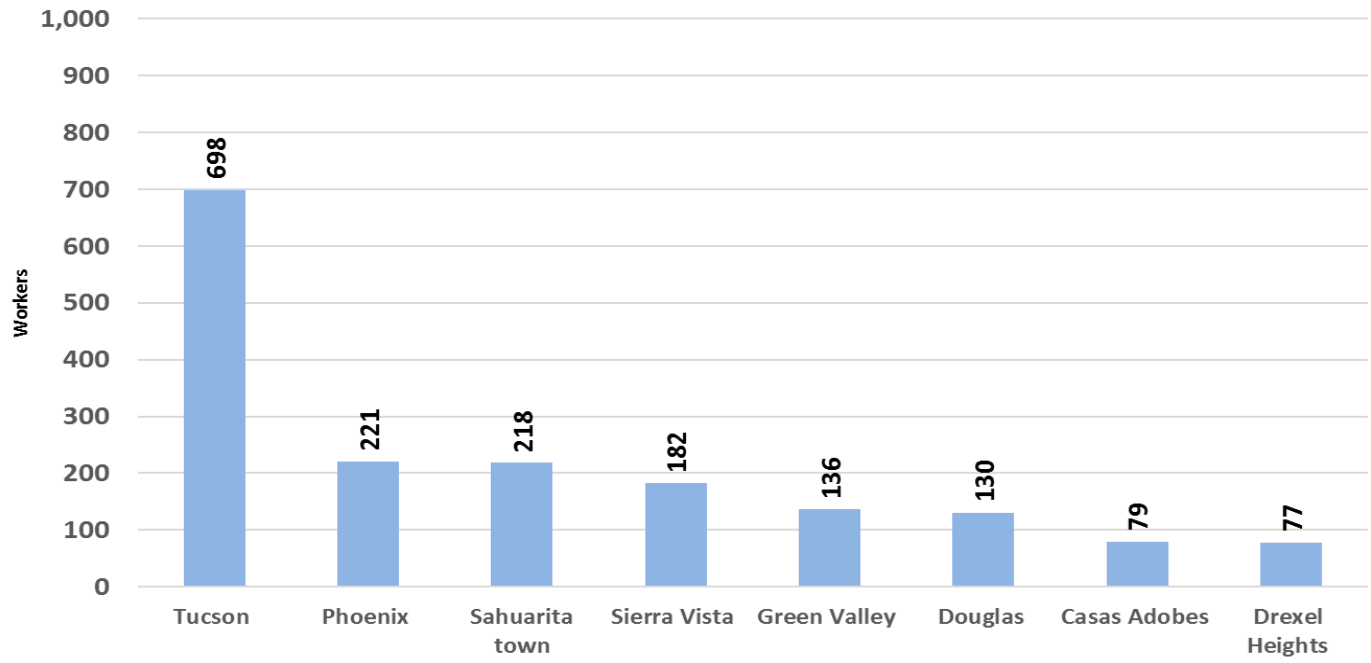
Source: Produced by the Arizona Office of Economic Opportunity using On The Map in cooperation with the US Census Bureau

On The Map can provide information about commuting patterns for residents and workers within Santa Cruz County. Approximately 72% of Santa Cruz County workers also live in Santa Cruz County, but there are both inflows and outflows. Santa Cruz County has almost twice the number of workers leaving the area for work when compared to the coming into the area for work.

The dark green circle represents the population that works in Santa Cruz County (12,000 individuals). The light green circle represents the population that lives in Santa Cruz County (14,983 individuals). The area where the circles overlap represents the population that both lives and works within Santa Cruz County

Top 8 Places of Residence for Santa Cruz Workers (Nogales and Rio Rico Excluded)

Santa Cruz County 2015



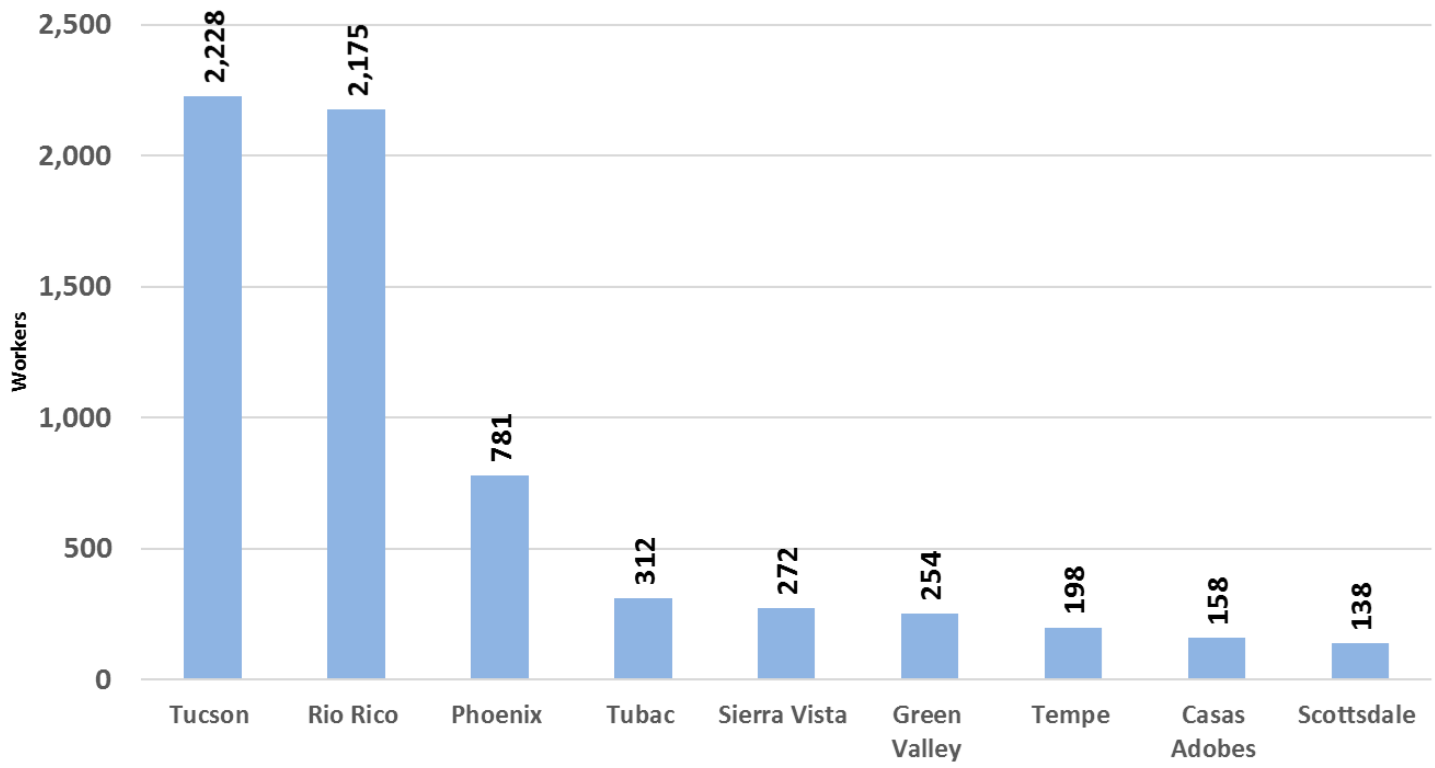
Source: Produced by the Arizona Office of Economic Opportunity using On The Map in cooperation with the US Census Bureau

Of the 12,000 individuals who work in Santa Cruz County, these are the top 8 places where these individuals live (dark green circle). Nogales and Rio Rico are the top places for Santa Cruz County workers to live, but they were excluded because the scale would have made the eight places listed incomprehensible.

- 3,956 individuals who work in Santa Cruz County live in Nogales (33.0%).
- 3,868 individuals who work in Santa Cruz County live in Rio Rico (32.2%)

Top 9 Places of Employment for Santa Cruz County Residents (Nogales Excluded)

Santa Cruz County 2015



Source: Produced by the Arizona Office of Economic Opportunity using On The Map in cooperation with the US Census Bureau

Of the 14,983 individuals who live in Santa Cruz County, these are the top 9 places where these individuals work (light green circle). Nogales is the top place for Santa Cruz County residents to work, but it was excluded because the scale would have made the nine places listed incomprehensible as 5,399 of the 14,983 individuals who live in Santa Cruz County work in Nogales (36.0%). In addition, 20.5% of the Santa Cruz County population, or 3,068 individuals, work in un-specified locations.

Data Sources

LaborStats.az.gov

Employment Data:
laborstats.az.gov/employment

Unemployment Data:
laborstats.az.gov/unemployment

Wage & Income Data:
laborstats.az.gov/wages-income

Employment Projections Data:
laborstats.az.gov/employment-forecasts

Population Data:
laborstats.az.gov/population

Other Labor Market Data Sources

Commuting Patterns Data:
On the Map: onthemap.ces.census.gov/

Demographics Data:
American Community Survey: census.gov/programs-surveys/acs/

Personal Income and State GDP Data:
US Bureau of Economic Analysis: bea.gov/regional/index.htm

Interactive Employment Mapping
Maricopa Association of Governments: http://geo.azmag.gov/maps/azdemographics/

Skills and Training Requirement Data:
O*NET: onetonline.org/find/descriptor/browse

Contact Information

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Phone: 602.771.2222

Office Email: labor.info@azstats.gov

Doug Walls: doug.walls@oeo.az.gov

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Local Workforce Labor Market Information

Instructions:
-Select a local region below to get started
-Review employment and wage estimates to identify qualified in-demand industry sectors
-Hover over an industry to highlight data elements for that industry only
-In-demand industires that were calculated using the state's methodology are highlighted in **blue** and are represented with the star symbo

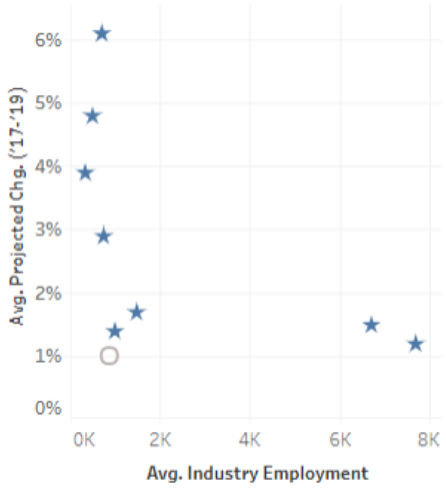
Local Area
Northeastern Arizona

Industry Detail
Industry Sectors

In-Demand Industries

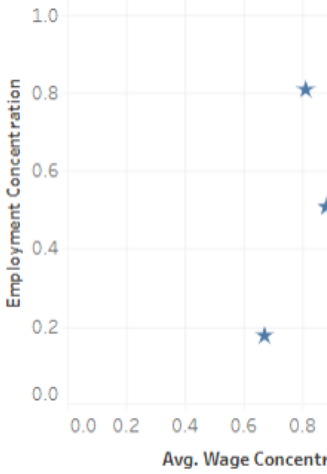
Industry	Industry Rank	Employment Level	Projected Growth ('17-'19)	Average Wages	Wage ('1
Health care and social assistance	1	7,695	1.2%	$46,904	2
Retail trade	2	6,707	1.5%	$25,965	2
Agriculture, forestry, fishing and hunting	3	492	4.8%	$33,696	-3
Professional and technical services	4	702	6.1%	$49,539	1
Administrative and waste services	5	991	1.4%	$36,140	4
Arts, entertainment, and recreation	6	333	3.9%	$29,562	3
Manufacturing	7	1,476	1.7%	$51,289	0
Real estate and rental and leasing	8	742	2.9%	$35,533	4
Transportation and warehousing	9	868	1.0%	$39,693	0

Employment



Wages

Industry Concentration



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2)771-2222
r.info@oeo.az.gov

Local Workforce Occupations

Instructions:
-Customize your list of occupations by selecting a **local region**, **industry category** and **minimum education level**
-Review employment and wage estimates associated with each occupation
-Occupations are assigned a rating from 1-5 calculated using wage, and numeric and percentage growth rates
-Hover over an occupation to highlight data elements on the graph below

Local Area: Arizona
Industry: Construction
Minimum Education Required: (All)

In-Demand Occupations

Occupation	Employment Level	Annualized Proj Occ Emp..	Annual Wages	Minimum Education Req.	
Carpenters	16,157	4.1%	$42,990	HS Diploma	★★
Cement masons and concrete finishers	6,476	5.4%	$39,750	Less than H.S.	★★
Construction laborers	22,852	4.0%	$33,349	Less than H.S.	★★
Cost estimators	5,724	4.5%	$67,771	Bachelor's Degree	★★
Drywall and ceiling tile installers	4,932	4.2%	$40,032	Less than H.S.	★★
Electricians	12,488	4.4%	$49,181	HS Diploma	★★
Heating, air conditioning, and refrigeration mechanics and installers	7,522	5.3%	$46,444	Certification	★★
Heavy and tractor-trailer truck drivers	27,205	3.5%	$44,640	Certification	★★

Wage & Employment