

# Agricultural Technicians in 2 California Counties

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## What is Lightcast Data?

Lightcast data is a hybrid dataset derived from official government sources such as the US Census Bureau, Bureau of Economic Analysis, and Bureau of Labor Statistics. Leveraging the unique strengths of each source, our data modeling team creates an authoritative dataset that captures more than 99% of all workers in the United States. This core offering is then enriched with data from online social profiles, resumé, and job postings to give you a complete view of the workforce.

Lightcast data is frequently cited in major publications such as *The Atlantic*, *Forbes*, *Harvard Business Review*, *The New York Times*, *The Wall Street Journal*, and *USA Today*.



## Report Parameters

### 1 Occupation

19-4012 Agricultural Technicians

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### 2 Counties

6079 San Luis Obispo County, CA

6083 Santa Barbara County, CA

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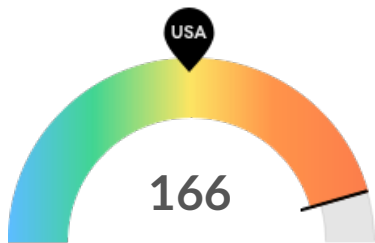
### Class of Worker

QCEW Employees, Non-QCEW Employees, and Self-Employed

The information in this report pertains to the chosen occupation and geographical areas.

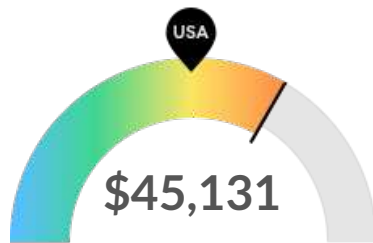
## Executive Summary

### Average Job Posting Demand Over a Deep Supply of Regional Jobs



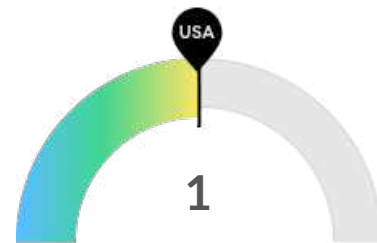
**Jobs (2023)**

Your area is a hotspot for this kind of job. The national average for an area this size is 47\* employees, while there are 166 here.



**Compensation**

Earnings are high in your area. The national median salary for Agricultural Technicians is \$40,429, compared to \$45,131 here.



**Job Posting Demand**

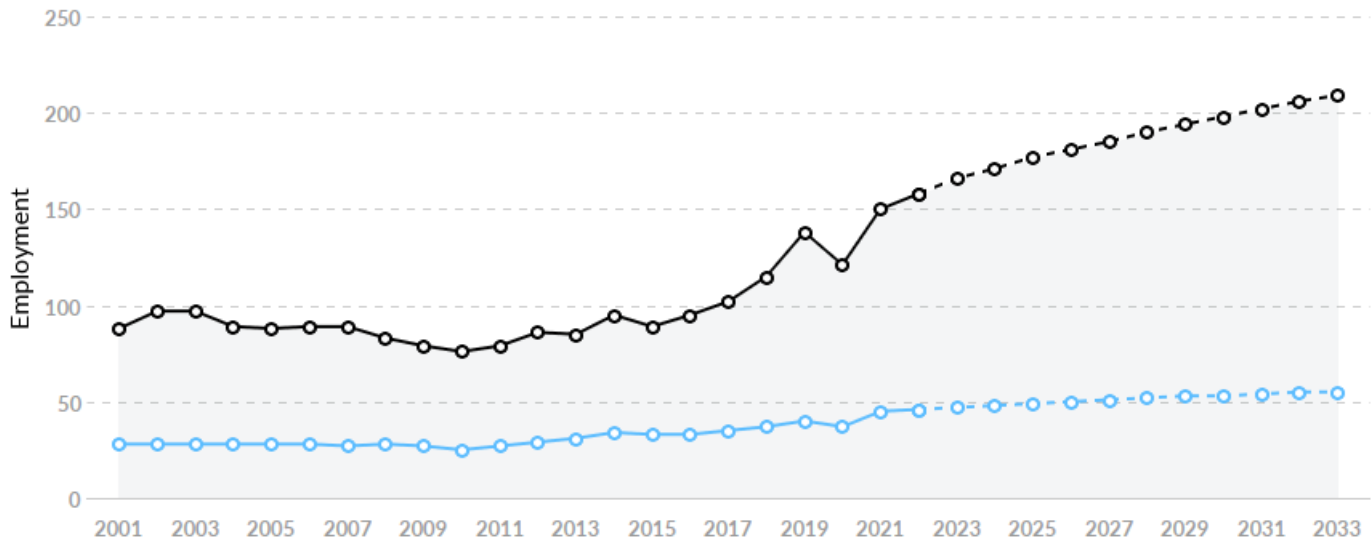
Job posting activity is about average in your area. The national average for an area this size is 1\* job posting/mo, while there is 1 here.

\*National average values are derived by taking the national value for Agricultural Technicians and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

# Jobs

## Regional Employment Is Higher Than the National Average

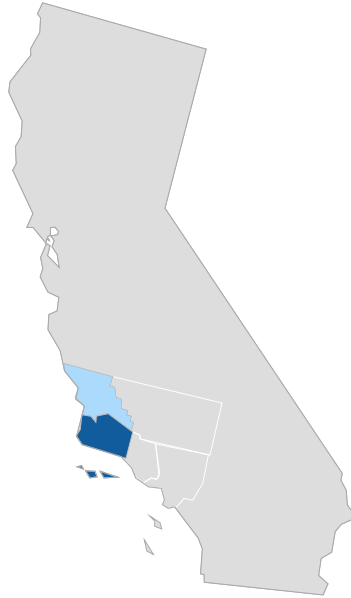
An average area of this size typically has 47\* jobs, while there are 166 here. This higher than average supply of jobs may make it easier for workers in this field to find employment in your area.



Region	2023 Jobs	2033 Jobs	Change	% Change
● 2 California Counties	166	209	43	26.1%
● National Average	47	55	8	17.1%

\*National average values are derived by taking the national value for Agricultural Technicians and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

## Regional Breakdown



County	2023 Jobs
Santa Barbara County, CA	141
San Luis Obispo County, CA	25

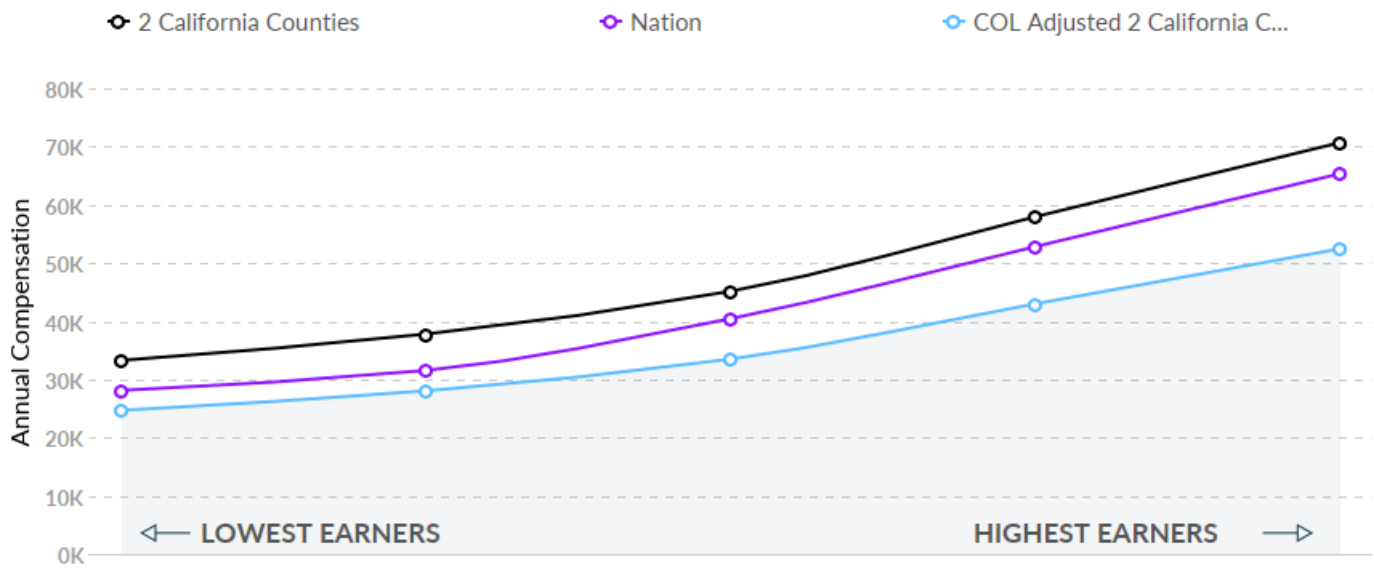
## Most Jobs are Found in the Crop Production Industry Sector



# Compensation

## Regional Compensation Is 12% Higher Than National Compensation

For Agricultural Technicians, the 2021 median wage in your area is \$45,131, while the national median wage is \$40,429.





# Job Posting Activity



## 7 Unique Job Postings

The number of unique postings for this job from Jan 2023 to Jun 2023.



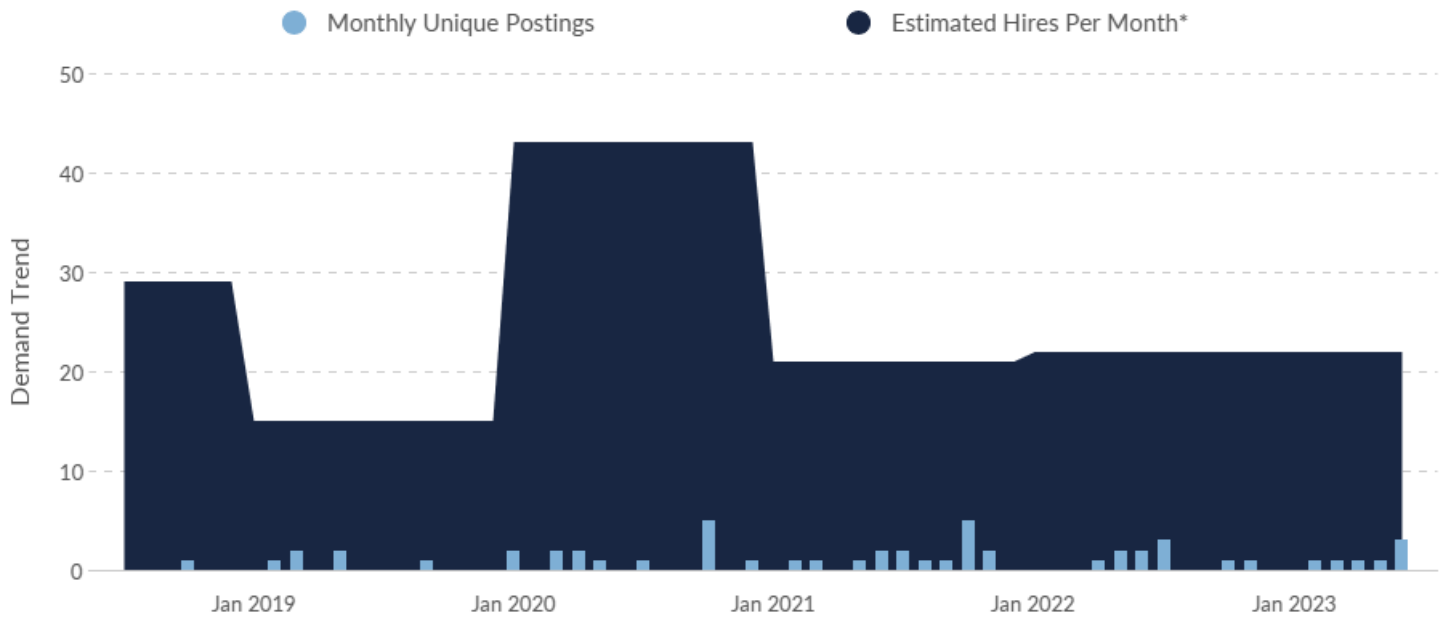
## 6 Employers Competing

All employers in the region who posted for this job from Jan 2023 to Jun 2023.



## 0 Day Median Duration

Posting duration is 33 days longer than what's typical in the region.



Occupation	Avg Monthly Postings (Jan 2023 - Jun 2023)	Avg Monthly Hires (Jan 2023 - Jun 2023)
Agricultural Technicians	1	22

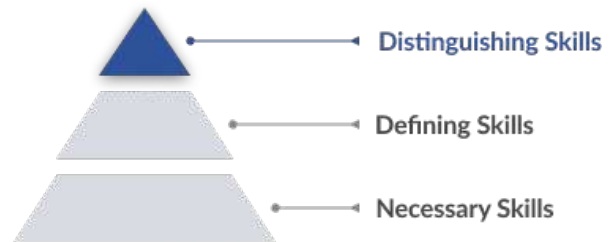
\*A hire is reported by the Quarterly Workforce Indicators when an individual's Social Security Number appears on a company's payroll and was not there the quarter before. Lightcast hires are calculated using a combination of Lightcast jobs data, information on separation rates from the Bureau of Labor Statistics (BLS), and industry-based hires data from the Census Bureau.

Top Companies	Unique Postings
Pacific Ag Research	2
California Public Utilities Comm...	1
County Of San Luis Obispo	1
Le Vigne Winery	1
Viridian Staffing	1

Top Job Titles	Unique Postings
Agricultural Technicians	5
Harvest Cellar Interns	1
Harvest Managers	1

## Top Distinguishing Skills by Demand

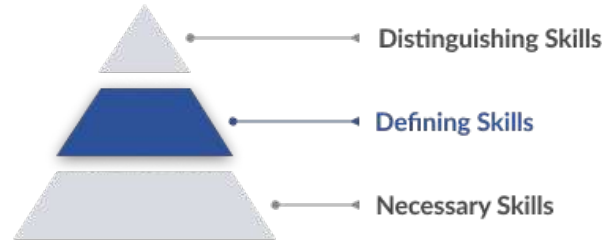
An occupation's Distinguishing Skills are the advanced skills that are called for occasionally. An employee with these skills is likely more specialized and able to differentiate themselves from others in the same role.



Skill	Salary Boosting	Job Postings Requesting
Crop Scouting		0
Commercial Applicator License		0

## Top Defining Skills by Demand

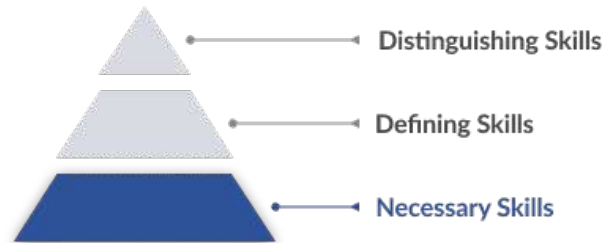
An occupation's Defining Skills represent the day-to-day tasks and responsibilities of the job. An employee needs these skills to qualify for and perform successfully in this occupation.



Skill	Salary Boosting	Job Postings Requesting
Agriculture	✘	4
Valid Driver's License	✘	1

## Top Necessary Skills by Demand

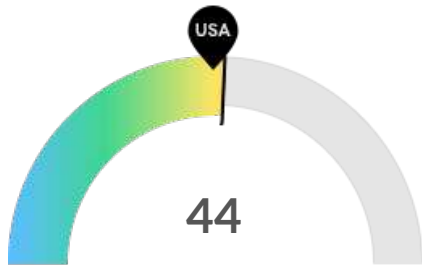
An occupation's Necessary Skills are the specialized skills required for that job and relevant across other similar jobs. An employee needs these skills as building blocks to perform the more complex Defining Skills.



Skill	Salary Boosting	Job Postings Requesting
Fertilizers	✘	2
Irrigation (Landscaping And Agriculture)	✘	1
Agronomy	✘	0
Marketing	✘	0
Precision Agriculture	✔	0

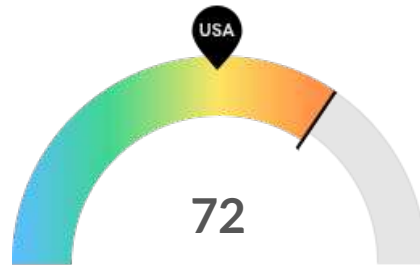
## Demographics

### Retirement Risk Is About Average, While Overall Diversity Is High



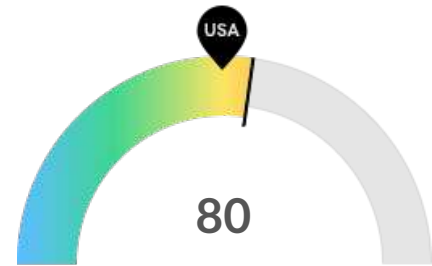
**Retiring Soon**

Retirement risk is about average in your area. The national average for an area this size is 42\* employees 55 or older, while there are 44 here.



**Racial Diversity**

Racial diversity is high in your area. The national average for an area this size is 43\* racially diverse employees, while there are 72 here.

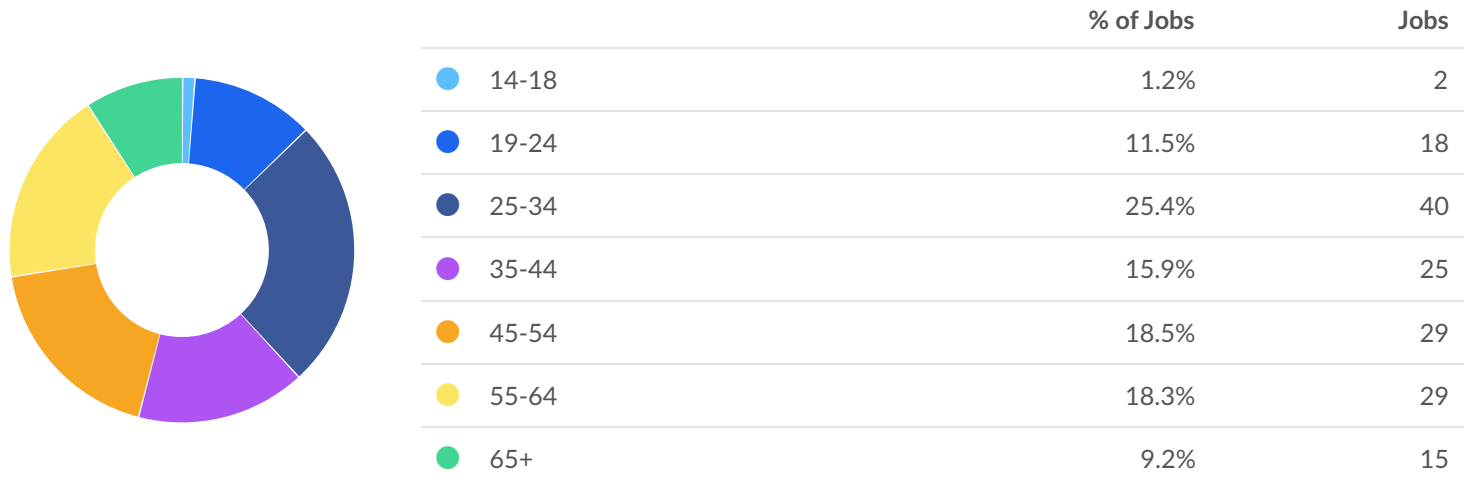


**Gender Diversity**

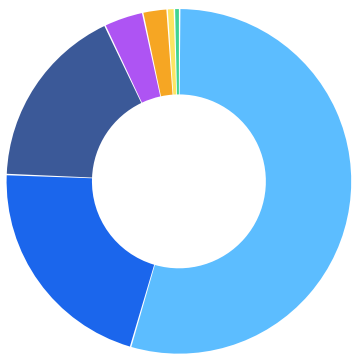
Gender diversity is high in your area. The national average for an area this size is 70\* female employees, while there are 80 here.

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## Occupation Age Breakdown

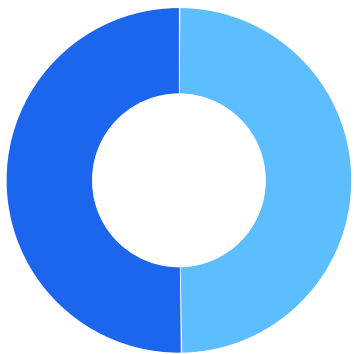


## Occupation Race/Ethnicity Breakdown



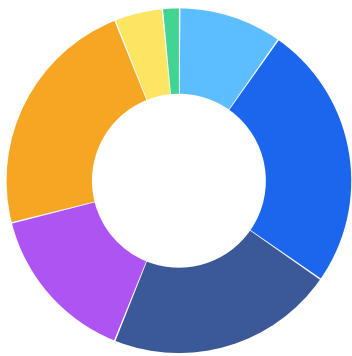
	% of Jobs	Jobs
White	54.5%	86
Hispanic or Latino	21.1%	33
Asian	17.3%	27
Black or African American	3.7%	6
Two or More Races	2.3%	4
Native Hawaiian or Other Pacific Islander	0.7%	1
American Indian or Alaska Native	0.5%	1

## Occupation Gender Breakdown



	% of Jobs	Jobs
Males	49.7%	79
Females	50.3%	80

## National Educational Attainment



	% of Jobs
<span style="color: #00AEEF;">●</span> Less than high school diploma	9.7%
<span style="color: #0070C0;">●</span> High school diploma or equivalent	24.9%
<span style="color: #1E3A5A;">●</span> Some college, no degree	21.4%
<span style="color: #800080;">●</span> Associate's degree	15.0%
<span style="color: #FFA500;">●</span> Bachelor's degree	22.9%
<span style="color: #FFD700;">●</span> Master's degree	4.5%
<span style="color: #008000;">●</span> Doctoral or professional degree	1.6%

## Occupational Programs



### 2 Programs

Of the programs that can train for this job, 2 have produced completions in the last 5 years.



### 132 Completions (2021)

The completions from all regional institutions for all degree types.



### 29 Openings (2021)

The average number of openings for an occupation in the region is 74.

CIP Code	Top Programs	Completions (2021)
01.1004	Viticulture and Enology	80
01.0000	Agriculture, General	52

Top Schools	Completions (2021)
California Polytechnic State University-San Luis Obispo	114
Allan Hancock College	18

## Appendix A

### **Agricultural Technicians (SOC 19-4012):**

Work with agricultural scientists in plant, fiber, and animal research, or assist with animal breeding and nutrition. Set up or maintain laboratory equipment and collect samples from crops or animals. Prepare specimens or record data to assist scientists in biology or related life science experiments. Conduct tests and experiments to improve yield and quality of crops or to increase the resistance of plants and animals to disease or insects.

### **Sample of Reported Job Titles:**

Seed Analyst  
Research Technician  
Research Specialist  
Research Associate  
Research Assistant  
Precision Agriculture Specialist (Precision Ag Specialist)  
Precision Farming Coordinator  
Crop Specialist  
Soil Fertility Specialist  
Nutrient Management Specialist

### **Related O\*NET Occupations:**

Agricultural Technicians (19-4012.00)  
Precision Agriculture Technicians (19-4012.01)