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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, resumés, 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*.



Forbes

Harvard Business Review The New York Times

WSJ





Report Parameters

18 Occupations

11-1011	Chief Executives
11-1021	General and Operations Managers
11-2022	Sales Managers
11-3012	Administrative Services Managers
11-3013	Facilities Managers

11-3051	Industrial Production Managers	
11-3071	Transportation, Storage, and Distribution	
Managers		
11-9021	Construction Managers	
11-9151	Social and Community Service Managers	
See Appendix A for all 18 Occupations		

4 Counties

4003	Cochise County, AZ	401
4009	Graham County, AZ	402

4019	Pima County, AZ
4023	Santa Cruz County, AZ

Class of Worker

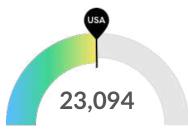
QCEW Employees and Non-QCEW Employees

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



Executive Summary

Average Job Posting Demand Over an Average Supply of Regional Jobs



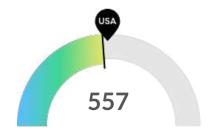
Jobs (2023)

Your area is about average for this kind of job. The national average for an area this size is 23,378* employees, while there are 23,094 here.



Compensation

Earnings are low in your area. The national median salary for your occupations is \$98,414, compared to \$80,061 here.



Job Posting Demand

Job posting activity is about average in your area. The national average for an area this size is 594* job postings/mo, while there are 557 here.

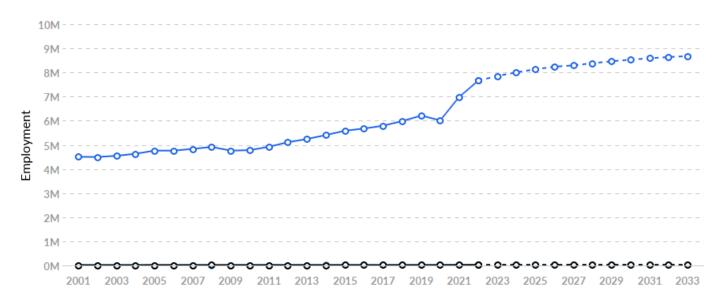
^{*}National average values are derived by taking the national value for your occupations and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.



Jobs

Regional Employment Is About Equal to the National Average

An average area of this size typically has 23,378* jobs, while there are 23,094 here.

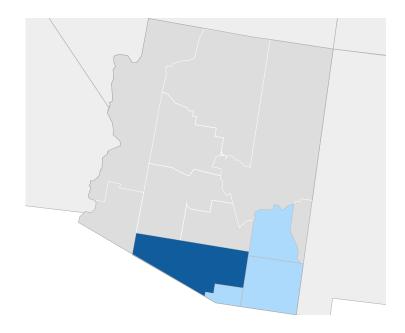


Region	2023 Jobs	2033 Jobs	Change	% Change
Region	23,094	24,716	1,622	7.0%
National Average	23,378	25,295	1,916	8.2%
United States	7,852,416	8,678,804	826,388	10.5%

^{*}National average values are derived by taking the national value for your occupations 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.



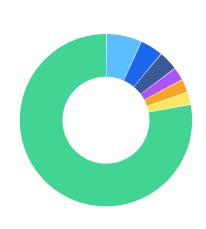
Regional Breakdown



County	2023 Jobs
Pima County, AZ	19,917
Cochise County, AZ	1,953
Santa Cruz County, AZ	760
Graham County, AZ	464



Most Jobs are Found in the Federal Government, Civilian Industry Sector



Industry	% of Occupation in Industry (2023)
Federal Government, Civilian	6.7%
Local Government, Excluding Education and Hospitals	4.3%
Aerospace Product and Parts Manufacturing	3.7%
 Employment Services 	2.5%
Management, Scientific, and Technical Consulting Services	2.5%
Restaurants and Other Eating Places	2.4%
Other	78.0%



Compensation

Regional Compensation Is 19% Lower Than National Compensation

For your occupations, the 2022 median wage in your area is \$80,061, while the national median wage is \$98,414.





Job Posting Activity



5,574 Unique Job Postings

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



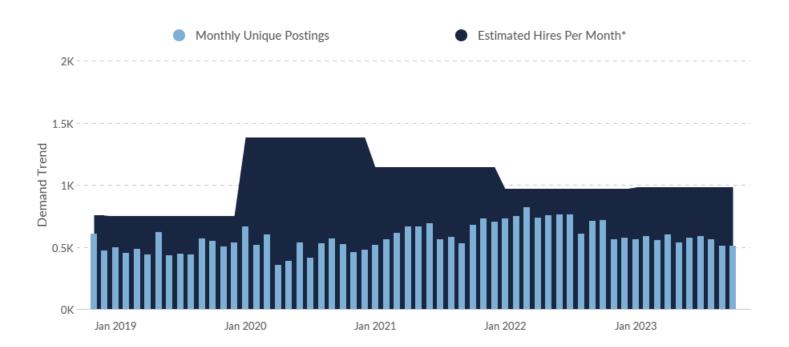
1,618 Employers Competing

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



29 Day Median Duration

Posting duration is the same as what's typical in the region.



Occupation	Avg Monthly Postings (Jan 2023 - Oct 2023)	Avg Monthly Hires (Jan 2023 - Oct 2023)
Managers, All Other	166	77
General and Operations Managers	91	552
Sales Managers	62	48
Management Analysts	31	66

^{*}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.

Occupation	Avg Monthly Postings (Jan 2023 - Oct 2023)	Avg Monthly Hires (Jan 2023 - Oct 2023)
Construction Managers	46	35
Personal Service Managers, All Other	23	0
Industrial Production Managers	20	9
Transportation, Storage, and Distribution Managers	18	18
Facilities Managers	18	12
Administrative Services Managers	18	22
Cost Estimators	19	32
First-Line Supervisors of Housekeeping and Janitorial Workers	17	31
Social and Community Service Managers	16	22
Chief Executives	6	13
First-Line Supervisors of Gambling Services Workers	3	8
First-Line Supervisors of Personal Service Workers	1	12
Entertainment and Recreation Managers, Except Gambling	2	2
First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	0	22

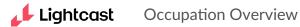
Top Companies	Unique Postings	Top Job Titles	Unique Postings
University of Arizona	202	Program Managers	88
Raytheon Technologies	173	Operations Managers	76
Great Clips	118	Sales Managers	74
Pima County	87	General Managers	72
City of Tucson	81	Project Coordinators	69
GPAC	79	Salon Managers	58
Citigroup	42	Housekeeping Supervisors	54
Pima Community College	38	Assistant Salon Managers	53
Caterpillar	35	District Managers	45
Granite Construction	35	Superintendents	42

Top Distinguishing Skills by Demand

Not enough data to display Distinguishing Skills for this occupation.

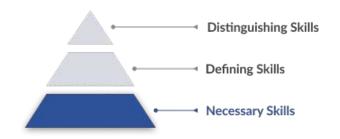
Top Defining Skills by Demand

Not enough data to display Defining Skills for this occupation.



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.

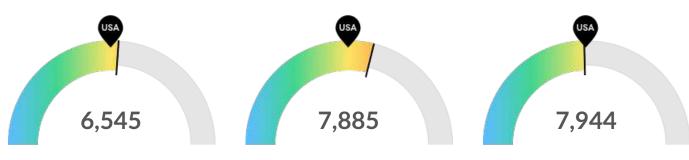


Skill	Salary Boosting	Job Postings Requesting
Valid Driver's License	②	1,111
Project Management	&	999
Marketing	8	685
Construction	×	542
Accounting	×	482
Auditing	×	465
Finance	8	415
Purchasing	8	410
Operations Management	×	380
Workflow Management	×	304



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 6,156* employees 55 or older, while there are 6,545 here.

Racial Diversity

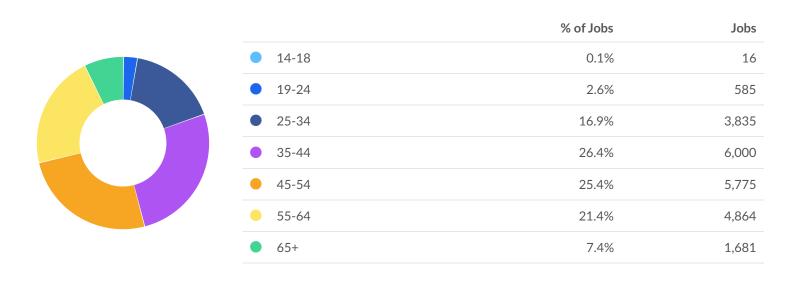
Racial diversity is high in your area. The national average for an area this size is 6,343* racially diverse employees, while there are 7,885 here.

Gender Diversity

Gender diversity is about average in your area. The national average for an area this size is 8,120* female employees, while there are 7,944 here.

*National average values are derived by taking the national value for your occupations 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.

Occupation Age Breakdown

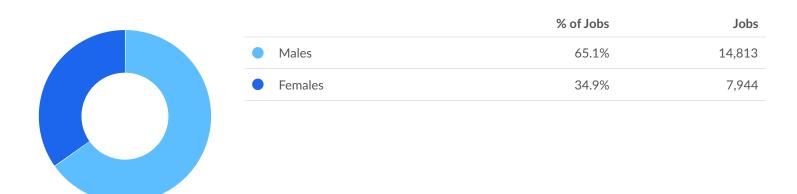




Occupation Race/Ethnicity Breakdown



Occupation Gender Breakdown





Occupational Programs



97 Programs

Of the programs that can train for this job, 97 have produced completions in the last 5 years.



9,520 Completions (2022)

The completions from all regional institutions for all degree types.

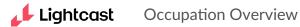


2,136 Openings (2022)

The average number of openings for an occupation in the region is 77.

CIP Code	Top Programs	Completions (2022)
24.0101	Liberal Arts and Sciences/Liberal Studies	2,292
29.0201	Intelligence, General	913
51.0701	Health/Health Care Administration/Management	484
42.0101	Psychology, General	471
24.0102	General Studies	410
52.0201	Business Administration and Management, General	401
51.2201	Public Health, General	385
30.0000	Multi-/Interdisciplinary Studies, General	251
52.1401	Marketing/Marketing Management, General	244
52.1201	Management Information Systems, General	222

Top Schools	Completions (2022)
University of Arizona	4,781
Pima Community College	2,442
Cochise County Community College District	1,339
Pima Medical Institute-Tucson	438
Eastern Arizona College	337
Aveda Institute-Tucson	64
Empire Beauty School-Tucson	48
Tohono O'odham Community College	34
Tucson College of Beauty	23
Arizona Academy of Beauty	10



Appendix A (Occupations)

Code	Description
11-1011	Chief Executives
11-1021	General and Operations Managers
11-2022	Sales Managers
11-3012	Administrative Services Managers
11-3013	Facilities Managers
11-3051	Industrial Production Managers
11-3071	Transportation, Storage, and Distribution Managers
11-9021	Construction Managers
11-9151	Social and Community Service Managers

Code	Description
11-9072	Entertainment and Recreation Managers, Except Gambling
11-9179	Personal Service Managers, All Other
11-9199	Managers, All Other
13-1051	Cost Estimators
13-1111	Management Analysts
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers
39-1013	First-Line Supervisors of Gambling Services Workers
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services
39-1022	First-Line Supervisors of Personal Service Workers