2 Occupations
in San Diego-Chula Vista-Carlsbad, CA

Contents

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*.

Report Parameters

2 Occupations

19-3092	Geographers		17-1021	Cartographers and Photogrammetrists

1 MSA

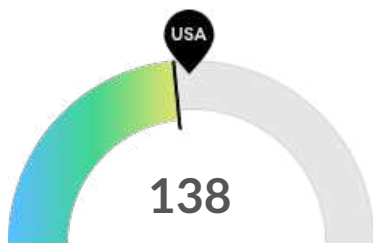| 41740	San Diego-Chula Vista-Carlsbad, CA

Class of Worker

QCEW Employees

The information in this report pertains to the chosen occupations and geographical area.
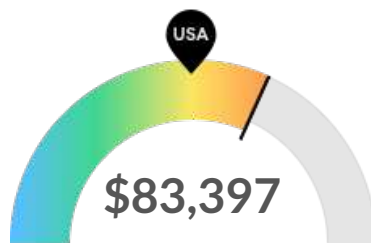
Executive Summary

## Light Job Posting Demand Over an Average Supply of Regional Jobs

138

Jobs (2023)

San Diego-Chula Vista-Carlsbad, CA is about average for this kind of job. The national average for an area this size is 152* employees, while there are 138 here.

$83,397

Compensation

Earnings are high in San Diego-Chula Vista-Carlsbad, CA. The national median salary for your occupations is $77,835, compared to $83,397 here.

0
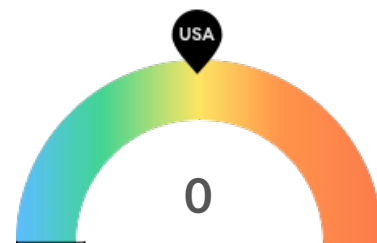
Job Posting Demand

Reliable competition information is not available in San Diego-Chula Vista-Carlsbad, CA because there are too few postings.

*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 San Diego-Chula Vista-Carlsbad, CA. 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 152* jobs, while there are 138 here.
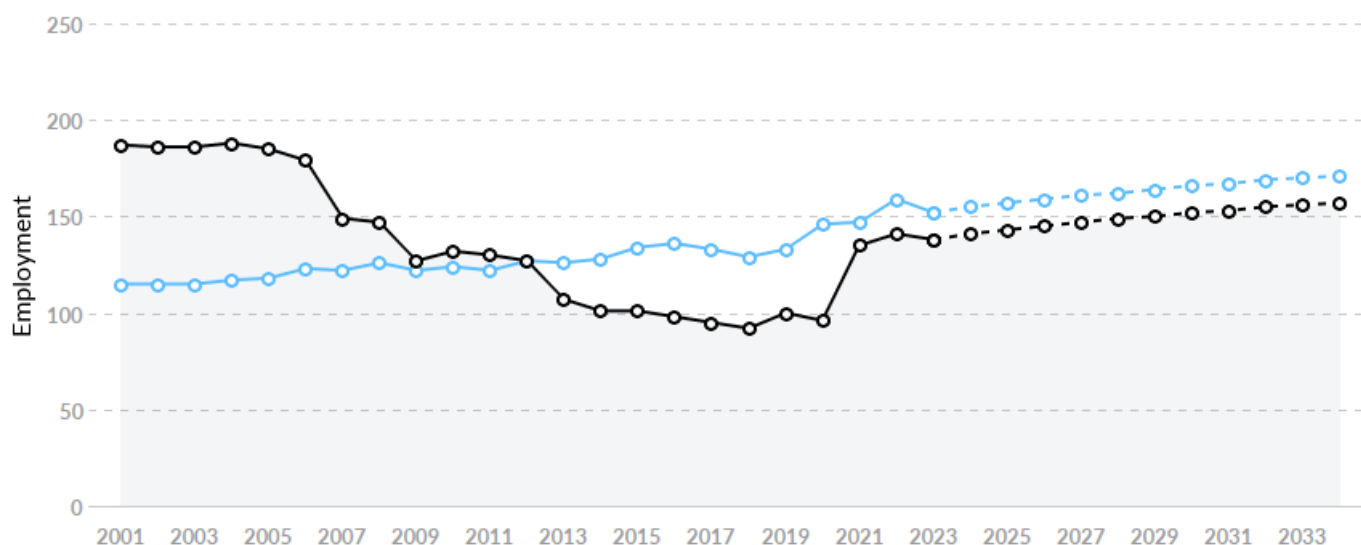
	Region	2023 Jobs	2024 Jobs	Change	% Change
●	San Diego-Chula Vista-Carlsbad, CA	138	141	3	2.2%
●	National Average	152	155	3	2.0%

*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 San Diego-Chula Vista Carlsbad, CA. In other words, the values represent the national average adjusted for region size.

Regional Breakdown
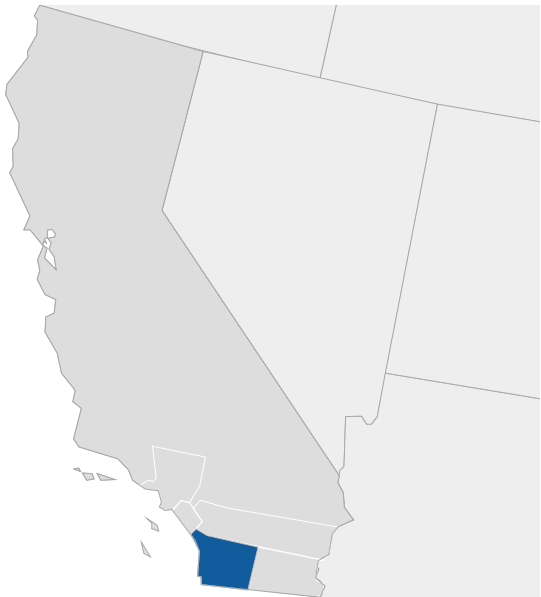
County	2023 Jobs
San Diego County, CA	138

Most Jobs are Found in the Local Government, Excluding Education and Hospitals Industry Sector

Industry	% of Occupation in Industry (2023)
● Local Government, Excluding Education and Hospitals	29.5%
● Federal Government, Civilian	17.9%
● Architectural, Engineering, and Related Services	15.5%
● Natural Gas Distribution	10.7%
● Management, Scientific, and Technical Consulting Services	7.4%
● Scientific Research and Development Services	4.9%
● Other	14.1%

Compensation

Regional Compensation Is 7% Higher Than National Compensation

For your occupations, the 2023 median wage in San Diego-Chula Vista-Carlsbad, CA is $83,397, while the national median wage is $77,835.
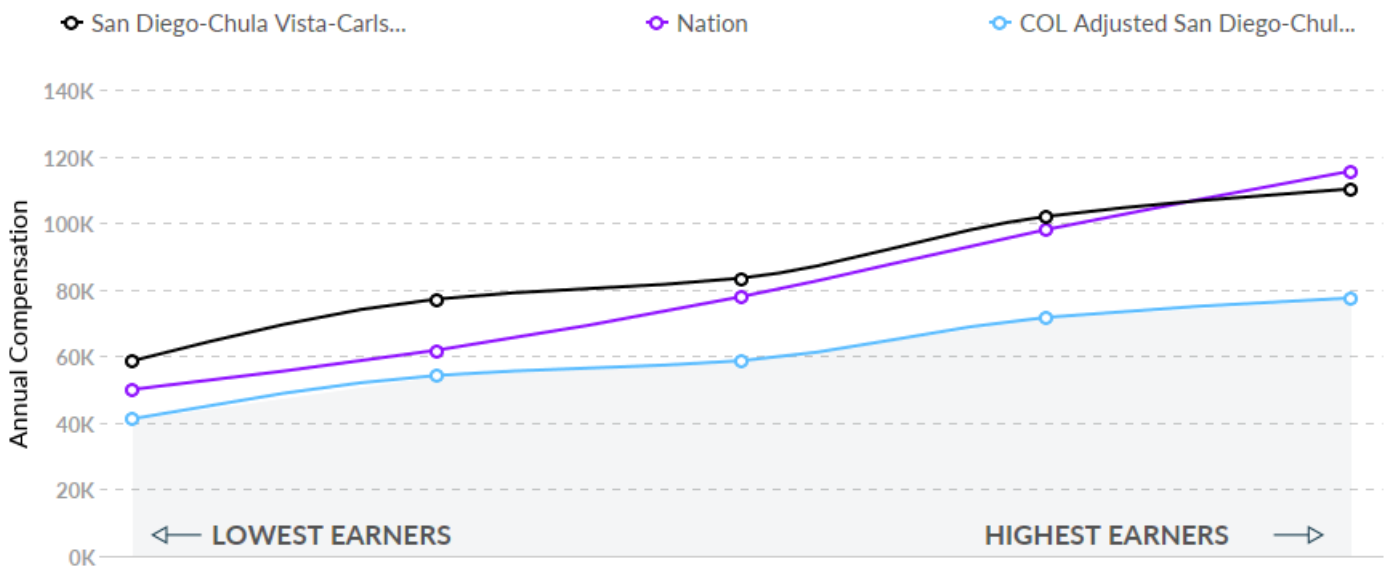
Job Posting Activity

8 Unique Job Postings

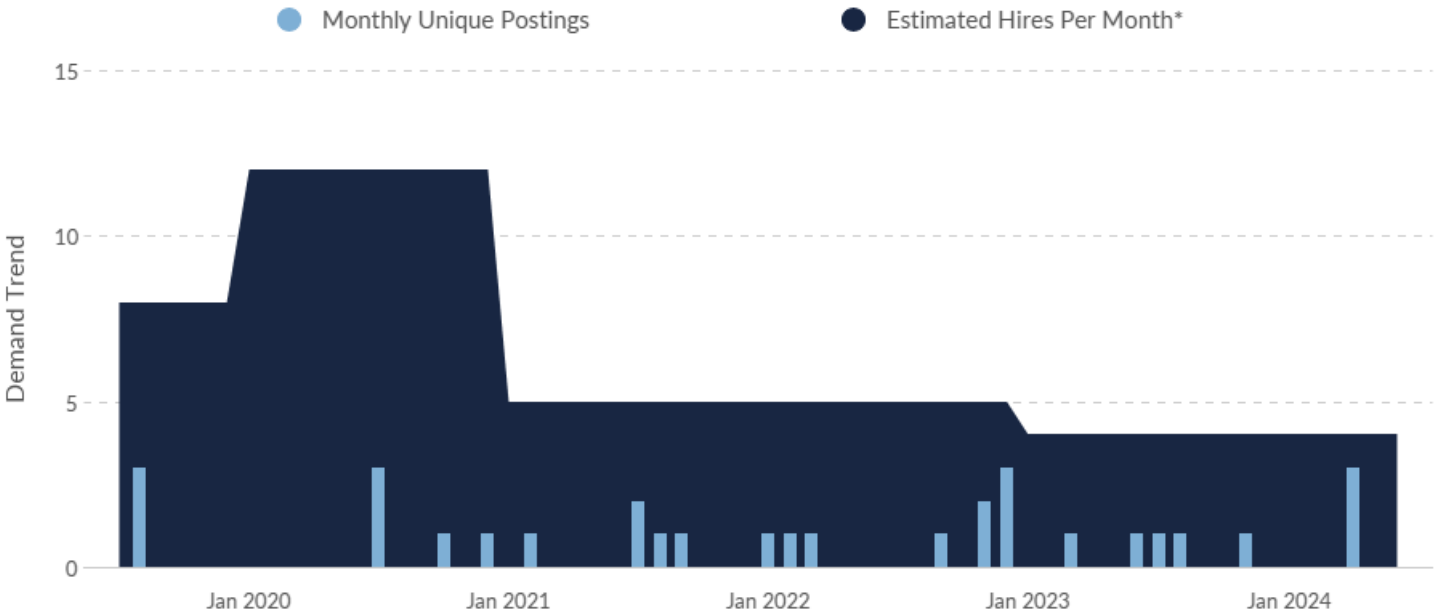The number of unique postings for this job from Jan 2023 to Jun 2024.

7 Employers Competing

All employers in the region who posted for this job from Jan 2023 to Jun 2024.

17 Day Median Duration

Posting duration is 11 days shorter than what's typical in the region.

Occupation	Avg Monthly Postings (Jan 2023 - Jun 2024)	Avg Monthly Hires (Jan 2023 - Jun 2024)
Geographers	0	0
Cartographers and Photogrammetrists	0	3

*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		Top Job Titles	Unique Postings	
United States Navy	2	▬▬▬	Geographers	4	▬▬▬▬
Federal Government	1	▬	Cartographers	3	▬▬▬
Geological Survey	1	▬	Das Technicians	1	▬
Naval Facilities Engineering Com...	1	▬			
San Diego County	1	▬			
U.S Geological Survey Western ...	1	▬			

Top Distinguishing Skills by Demand

Not enough data to display Distinguishing Skills for this occupation.

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.
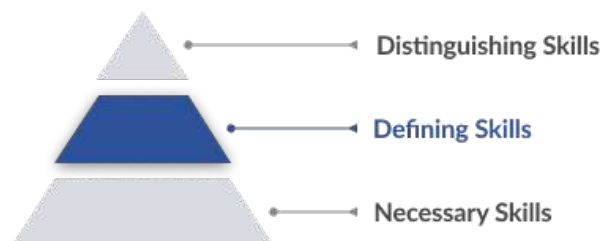
Distinguishing Skills

Defining Skills

Necessary Skills

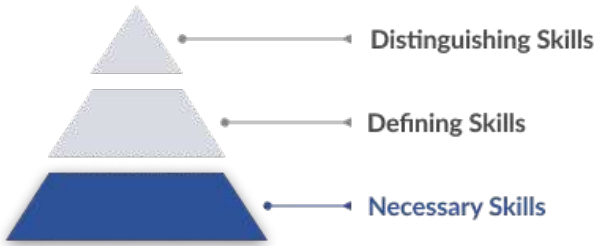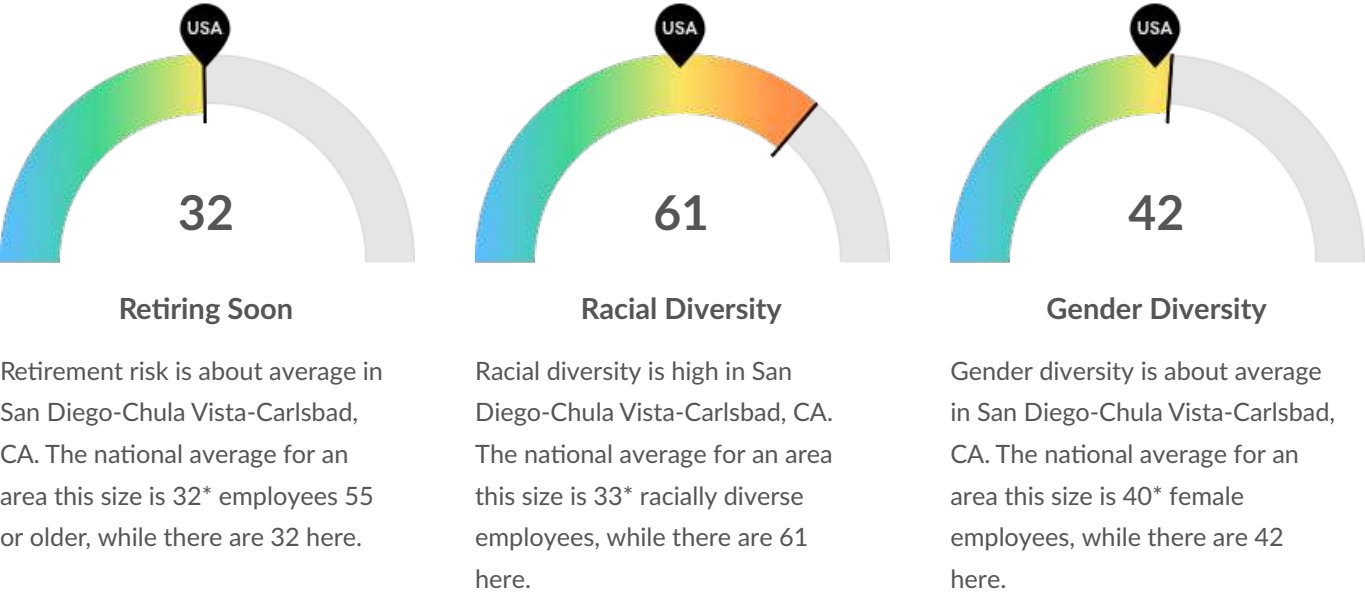| Skill	Salary Boosting	Job Postings Requesting	Projected Growth	Growth Relative to Market
Geographic Information Systems	✔	8	+10.8%	Growing
Computer Science	✖	7	+26.8%	Rapidly Growing
Geography	✖	7	+8.4%	Stable
Cartography	✔	5	+1.1%	Lagging
Anthropology	✖	4	+6.2%	Stable
Economics	✖	4	+20.1%	Rapidly Growing
Geology	✖	4	+8.1%	Stable
Project Management	✖	4	+19.8%	Rapidly Growing
Political Sciences	✖	4	+4.6%	Stable
Sociology	✖	4	+16.8%	Growing

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.

Distinguishing Skills

Defining Skills

Necessary Skills

Skill	Salary Boosting	Job Postings Requesting	Projected Growth	Growth Relative to Market
Computer Science	❌	7	+26.8%	Rapidly Growing
Geography	❌	7	+8.4%	Stable
Statistics	❌	6	+22.7%	Rapidly Growing
Urban Studies	❌	4	+3.1%	Lagging
Project Management	❌	4	+19.8%	Rapidly Growing
Meteorology	❌	4	+12.8%	Growing
Social Sciences	❌	4	+15.5%	Growing
Security Clearance	❌	4	+1.5%	Lagging
Physical Oceanography	❌	3	+4.1%	Lagging
Marine Geology	❌	3	+9.7%	Growing

Demographics

Retirement Risk Is About Average, While Overall Diversity Is High

USA   **USA**   **USA**

32   **61**   **42**

Retiring Soon   **Racial Diversity**   **Gender Diversity**

Retirement risk is about average in San Diego-Chula Vista-Carlsbad, CA. The national average for an area this size is 32* employees 55 or older, while there are 32 here.

Racial diversity is high in San Diego-Chula Vista-Carlsbad, CA. The national average for an area this size is 33* racially diverse employees, while there are 61 here.

Gender diversity is about average in San Diego-Chula Vista-Carlsbad, CA. The national average for an area this size is 40* female employees, while there are 42 here.
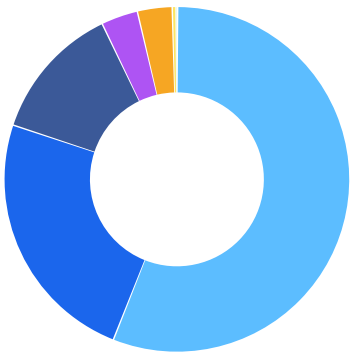
*National average values are derived by taking the national value for your occupations and scaling it down to account for the difference in overall workforce size between the nation and San Diego-Chula Vista-Carlsbad, CA. In other words, the values represent the national average adjusted for region size.

Occupation Age Breakdown

	% of Jobs	Jobs
14-18	0.1%	0
19-24	6.4%	9
25-34	26.4%	37
35-44	25.2%	35
45-54	19.1%	27
55-64	16.1%	22
65+	6.6%	9
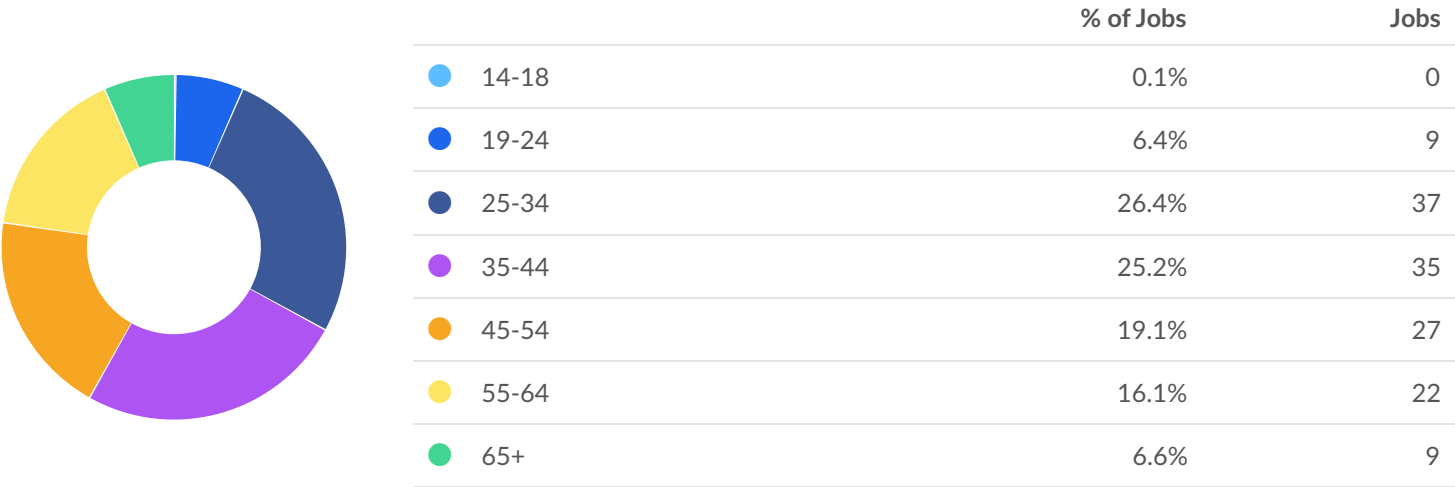
Occupation Race/Ethnicity Breakdown

	% of Jobs	Jobs
● White	55.9%	77
● Hispanic or Latino	24.1%	33
● Asian	12.8%	18
● Two or More Races	3.4%	5
● Black or African American	3.3%	5
● American Indian or Alaska Native	0.4%	0
● Native Hawaiian or Other Pacific Islander	0.2%	0

Occupation Gender Breakdown
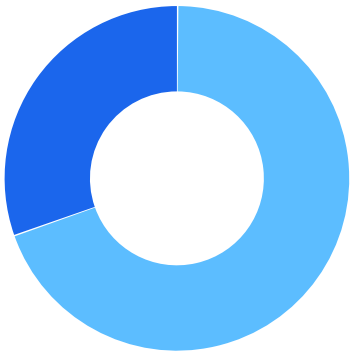
	% of Jobs	Jobs
● Males	69.5%	96
● Females	30.5%	42

Occupational Programs

23 Programs

Of the programs that can train for this job, 23 have produced completions in the last 5 years.

887 Completions (2023)

The completions from all regional institutions for all degree types.

12 Openings (2023)

The average number of openings for an occupation in the region is 257.

CIP Code	Top Programs	Completions (2023)	
45.0101	Social Sciences, General	466	
45.0201	Anthropology, General	175	
45.0701	Geography	68	
05.0299	Ethnic, Cultural Minority, Gender, and Group Studies, Other	37	
45.0702	Geographic Information Science and Cartography	32	
05.0207	Women's Studies	27	
05.0200	Ethnic Studies	24	
05.0203	Hispanic-American, Puerto Rican, and Mexican-American/C...	13	
05.0107	Latin American Studies	11	
38.0201	Religion/Religious Studies	8	

Top Schools	Completions (2023)	
Palomar College	309	
San Diego State University	199	
University of California-San Diego	91	
San Diego Miramar College	88	
California State University-San Marcos	66	
San Diego Mesa College	28	
Grossmont College	22	
Southwestern College	21	
San Diego City College	18	
Ashford University	13	

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 are also affected by county-level Emsi earnings by industry.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

Cost of Living Data

Lightcast's cost of living data is based on the Cost of Living Index published by the Council for Community and Economic Research (C2ER).

Lightcast Job Postings

Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.