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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**

## 1 Occupation

Postsecondary Teachers

## **3 Counties**

6075	San Francisco County, CA	6085	Santa Clara County, CA
6081	San Mateo County, CA		

## Class of Worker

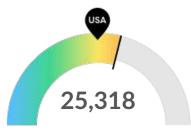
**QCEW Employees** 

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



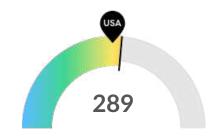
Jobs (2015)

Your area is a hotspot for this kind of job. The national average for an area this size is 20,267\* employees, while there are 25,318 here.



### Compensation

Earnings are high in your area. The national median salary for Professors of Art History is \$79,421, compared to \$110,032 here.



### **Job Posting Demand**

Job posting activity is about average in your area. The national average for an area this size is 266\* job postings/mo, while there are 289 here.

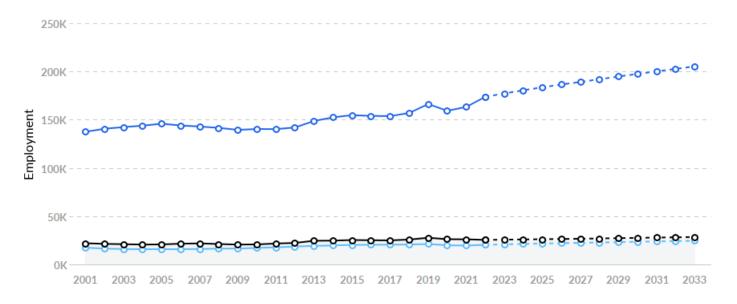
<sup>\*</sup>National average values are derived by taking the national value for Professors of Art History and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.



## **Jobs**

## Regional Employment Is Higher Than the National Average

An average area of this size typically has 20,267\* jobs, while there are 25,318 here. This higher than average supply of jobs may make it easier for workers in this field to find employment in your area.



Region	2015 Jobs	2023 Jobs	Change	% Change
Peninsula (SF-SM-SC	25,318	25,671	353	1.4%
<ul> <li>National Average</li> </ul>	20,267	20,824	557	2.8%
California	154,707	177,251	22,544	14.6%

<sup>\*</sup>National average values are derived by taking the national value for Professors of Art History 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.



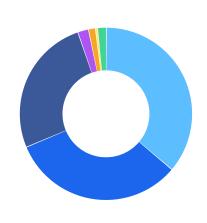
# Regional Breakdown



County	2015 Jobs
San Francisco County, CA	13,028
Santa Clara County, CA	11,220
San Mateo County, CA	1,070



## Most Jobs are Found in the Colleges, Universities, and Professional Schools **Industry Sector**

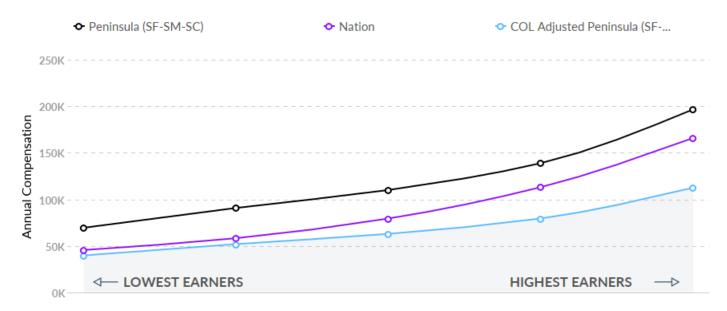


Industry	% of Occupation in Industry (2015)
Colleges, Universities, and Professional Schools	36.1%
Education and Hospitals (State Government)	32.5%
Education and Hospitals (Local Government)	26.0%
Technical and Trade Schools	2.0%
Other Schools and Instruction	1.3%
Business Schools and Computer and Management Training	0.4%
Other	1.6%

# Compensation

## Regional Compensation Is 39% Higher Than National Compensation

For Professors of Art History, the 2022 median wage in your area is \$110,032, while the national median wage is \$79,421.





# Job Posting Activity



### 30,032 Unique Job Postings

The number of unique postings for this job from Jan 2015 to Aug 2023.



### 2,673 Employers Competing

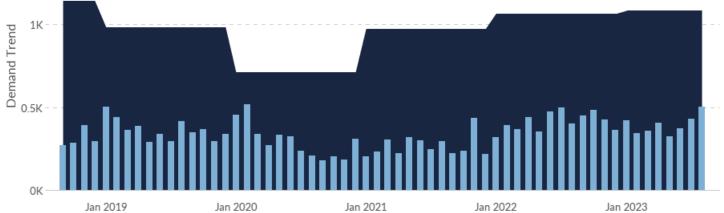
All employers in the region who posted for this job from Jan 2015 to Aug 2023.



### 32 Day Median Duration

Posting duration is 6 days longer than what's typical in the region.





Occupation	Avg Monthly Postings (Jan 2015 - Aug 2023)	Avg Monthly Hires (Jan 2015 - Aug 2023)
Postsecondary Teachers	342	966

<sup>\*</sup>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.

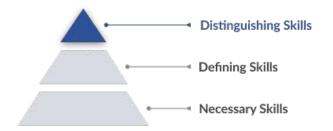


Top Companies	Unique Postings	Top Job Titles	Unique Postings
University of California	2,301	Adjunct Faculties	517
Stanford University	2,138	After School Instructors	482
Foothill-De Anza Community Co	1,205	Instructors	472
San Mateo County Community	1,031	Technology Instructors	433
University of San Francisco	1,011	Quarterly Adjunct Lecturers	300
West Valley-Mission Community	962	Non-Tenure Track Faculties	274
Santa Clara University	943	English Instructors	250
San Jose State University	856	Technical Instructors	234
Galileo Learning	855	Faculty Affairs Coordinators	231
Foothill College	373	College Instructors	221



## 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.

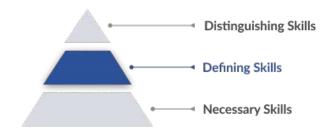


Skill	Salary Boosting	Job Postings Requesting
Course Evaluations	<b>&amp;</b>	2,257
Educational Assessment	<b>©</b>	1,911
Student Engagement	<b>&amp;</b>	1,792
Distance Learning	<b>&amp;</b>	1,733
Pedagogy	<b>©</b>	1,616
Lecturing	<b>&amp;</b>	1,544
Learning Styles	<b>©</b>	1,193
Syllabus Development	<b>&amp;</b>	1,186
Adult Education	<b>&amp;</b>	932
Learning Management Systems	<b>&amp;</b>	929



## Top Defining Skills by Demand

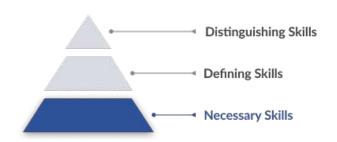
An occupation's Defining Skills represent the day-to-day tasks and responsibilities of the job. An employee needs these skills to qualify for and perform successfully in this occupation.



Skill	Salary Boosting	Job Postings Requesting
Curriculum Development	8	3,608

## **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.

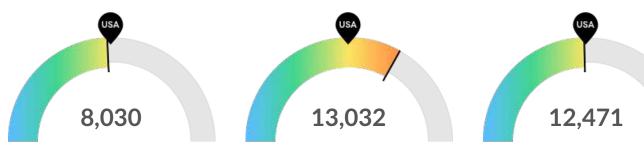


Skill	Salary Boosting	Job Postings Requesting
Nursing	<b>©</b>	1,593
Registered Nurse (RN)	<b>&amp;</b>	1,248



# **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 8,353\* employees 55 or older, while there are 8,030 here.

### **Racial Diversity**

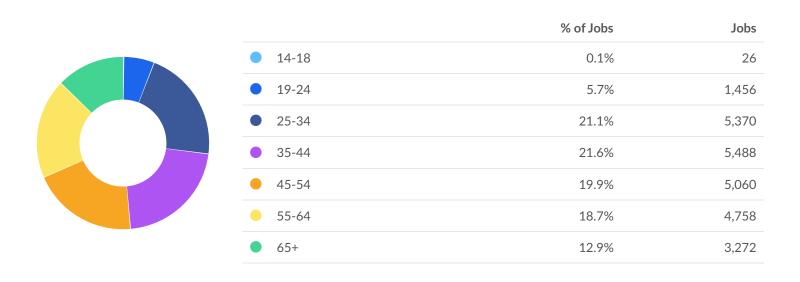
Racial diversity is high in your area. The national average for an area this size is 8,291\* racially diverse employees, while there are 13,032 here.

### **Gender Diversity**

Gender diversity is about average in your area. The national average for an area this size is 12,749\* female employees, while there are 12,471 here.

\*National average values are derived by taking the national value for Professors of Art History 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

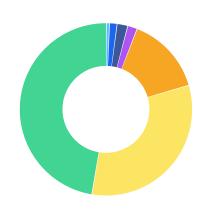


## **Occupation Gender Breakdown**





## **National Educational Attainment**



	% of Jobs
Less than high school diploma	0.6%
High school diploma or equivalent	1.4%
Some college, no degree	2.0%
Associate's degree	1.8%
Bachelor's degree	14.6%
Master's degree	32.1%
Doctoral or professional degree	47.4%



# Occupational Programs



#### 13 Programs

Of the programs that can train for this job, 13 have produced completions in the last 5years.



### 4,291 Completions (2021)

The completions from all regional institutions for all degree types.



### 2,900 Openings (2021)

The average number of openings for an occupation in the region is 491.

CIP Code	Top Programs	Completions (2021)
24.0101	Liberal Arts and Sciences/Liberal Studies	4,136
24.0199	Liberal Arts and Sciences, General Studies and Humanities,	33
16.0104	Comparative Literature	28
38.9999	Philosophy and Religious Studies, Other	22
42.2817	Transpersonal/Spiritual Psychology	22
38.0203	Christian Studies	17
05.0212	Comparative Group Studies	16
23.9999	English Language and Literature/Letters, Other	6
30.2601	Cultural Studies/Critical Theory and Analysis	5
38.0206	Jewish/Judaic Studies	3



Top Schools	Completions (2021)
West Valley College	678
Foothill College	629
City College of San Francisco	487
San Jose City College	440
Gavilan College	413
De Anza College	371
Skyline College	284
Mission College	264
Evergreen Valley College	217
Canada College	182



# Appendix A

#### Postsecondary Teachers (SOC 25-1099):

Aggregate category equivalent to SOC group 25-1000. Teach undergraduate and graduate level courses in their specialized field of study. Include both teachers primarily engaged in teaching and those who do a combination of both teaching and research. Alternate titles: College Professor.

#### Related O\*NET Occupations:

Business Teachers, Postsecondary (25-1011.00)

Computer Science Teachers, Postsecondary (25-1021.00)

Mathematical Science Teachers, Postsecondary (25-1022.00)

Architecture Teachers, Postsecondary (25-1031.00)

Engineering Teachers, Postsecondary (25-1032.00)

Agricultural Sciences Teachers, Postsecondary (25-1041.00)

Biological Science Teachers, Postsecondary (25-1042.00)

Forestry and Conservation Science Teachers, Postsecondary (25-1043.00)

Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary (25-1051.00)

Chemistry Teachers, Postsecondary (25-1052.00)

Environmental Science Teachers, Postsecondary (25-1053.00)

Physics Teachers, Postsecondary (25-1054.00)

Anthropology and Archeology Teachers, Postsecondary (25-1061.00)

Area, Ethnic, and Cultural Studies Teachers, Postsecondary (25-1062.00)

Economics Teachers, Postsecondary (25-1063.00)

Geography Teachers, Postsecondary (25-1064.00)

Political Science Teachers, Postsecondary (25-1065.00)

Psychology Teachers, Postsecondary (25-1066.00)

Sociology Teachers, Postsecondary (25-1067.00)

Social Sciences Teachers, Postsecondary, All Other (25-1069.00)

Health Specialties Teachers, Postsecondary (25-1071.00)

Nursing Instructors and Teachers, Postsecondary (25-1072.00)

Education Teachers, Postsecondary (25-1081.00)

Library Science Teachers, Postsecondary (25-1082.00)

Criminal Justice and Law Enforcement Teachers, Postsecondary (25-1111.00)

Law Teachers, Postsecondary (25-1112.00)

Social Work Teachers, Postsecondary (25-1113.00)

Art, Drama, and Music Teachers, Postsecondary (25-1121.00)

Communications Teachers, Postsecondary (25-1122.00)

English Language and Literature Teachers, Postsecondary (25-1123.00)

Foreign Language and Literature Teachers, Postsecondary (25-1124.00)

History Teachers, Postsecondary (25-1125.00)

Philosophy and Religion Teachers, Postsecondary (25-1126.00)

Family and Consumer Sciences Teachers, Postsecondary (25-1192.00)

Recreation and Fitness Studies Teachers, Postsecondary (25-1193.00)

Career/Technical Education Teachers, Postsecondary (25-1194.00)

Postsecondary Teachers, All Other (25-1199.00)



# Appendix B - 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**

Emsi'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.