

Careers Outlook for Majors in Mathematics

in the

San Diego/Los Angeles/Orange/Riverside/Imperial
Counties

Source: Lightcast™
for the time period **AUG 2021 to JULY 2022**

College of Science, Technology, Engineering, and Mathematics
California State University San Marcos

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1 About

The data is based on The Analyst software by Lightcast™ for active full-time positions (32 hours or more) posted from AUG 2021 to July 2022 in the San Diego/Los Angeles/Orange/Riverside/Imperial Counties advertised for a Bachelor’s degree in Mathematics as one of the educational requirements.

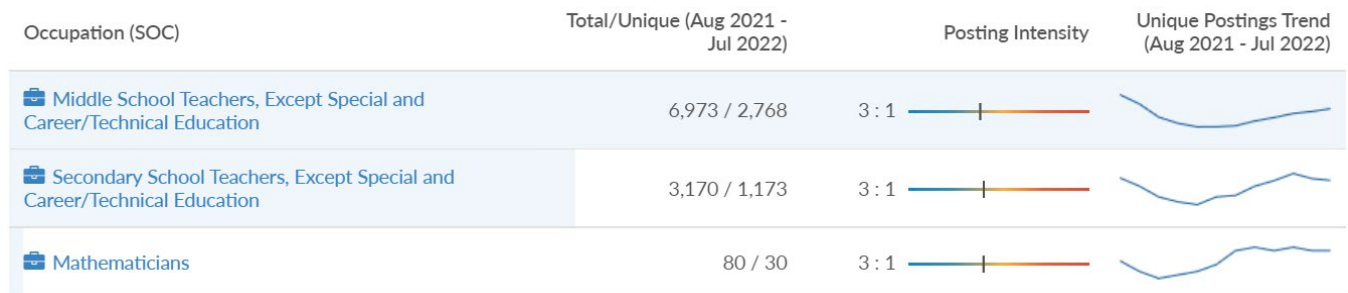
We used the following 2018 Standard Occupational Classifications (SOC):

- mathematicians (15-2021)
- middle school teachers (25-2022)
- secondary teachers (25-2031)

2 Number of Unique Postings

There were 3,971 unique job postings:

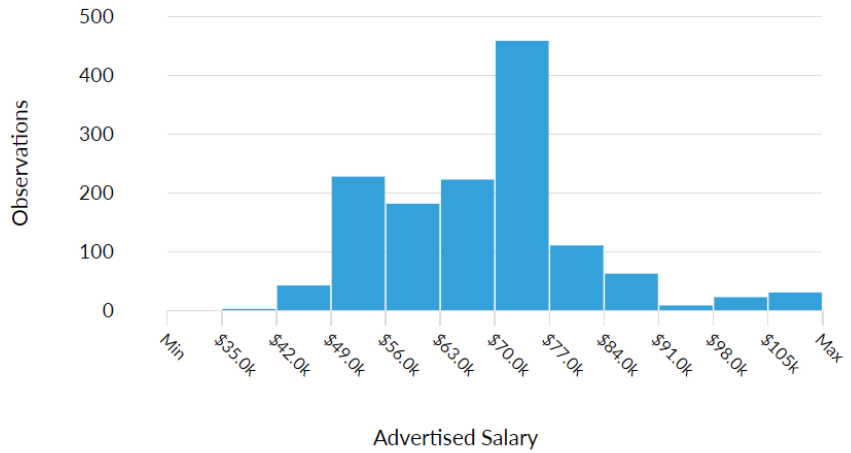
San Diego County	Los Angeles County	Orange County	Riverside County	Imperial County	Unique Postings
491	2,824	492	153	11	3,971



3 Median Advertised Salary

There are 1,364 advertised salary observations (34% of the 3,971 matching postings).

\$69.9K
Median Advertised Salary

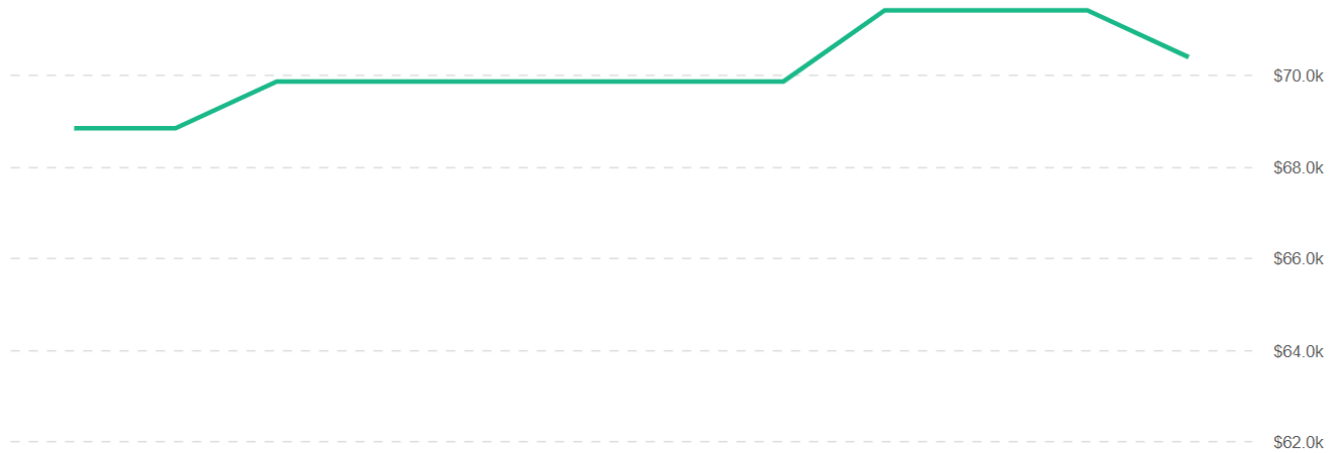


4 Advertised Wages Trend

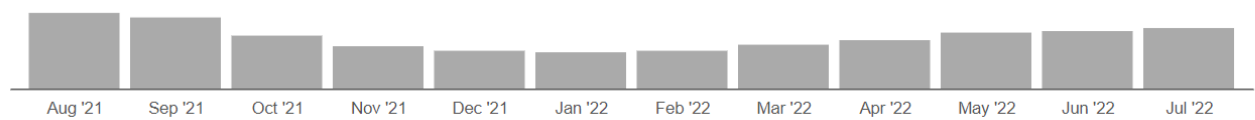
Advertised Wage Trend ⓘ

▲ 2.2% Aug 2021 - Jul 2022
\$69.9k Median

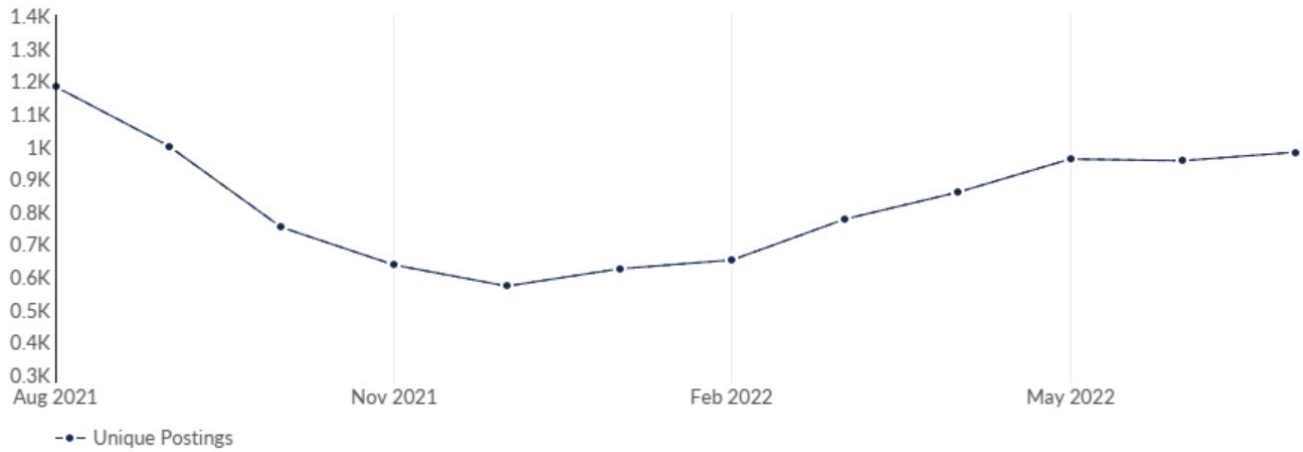
6M 1Y 3Y CUSTOM



1,364 Job Postings



5 Unique Postings Trend



6 Education Breakdown

Example: “A.A. or B.A. or equivalent work or educational experience preferred” will be counted in both Associate’s Degree and Bachelor’s Degree categories.



















Education Level ?	Unique Postings	% of Total
No Education Listed	0	0%
High school or GED	268	7%
Associate degree	91	2%
Bachelor's degree	3,971	100%
Master's degree	1,142	29%
Ph.D. or professional degree	119	3%

7 Experience Breakdown

Example: “2-3 years” includes postings that request “at least 2 years of experience” OR “at least 3 years of experience.”

Minimum Experience 	Unique Postings
No Experience Listed	2,742
0 - 1 Years	260
2 - 3 Years	759
4 - 6 Years	134
7 - 9 Years	14
10+ Years	62

8 Who’s Hiring

Company	Total/Unique (Aug 2021 - Jul 2022)	Posting Intensity	Unique Postings Trend (Aug 2021 - Jul 2022)
Bartell Drugs	316 / 246	1 : 1 	
Fusion Academy	1,040 / 116	9 : 1 	
Puc Schools	249 / 72	3 : 1 	
Galileo Learning	158 / 70	2 : 1 	
Kipp La Schools	177 / 64	3 : 1 	
Magnolia Public Schools (Mps)	173 / 59	3 : 1 	
Teach For America	116 / 52	2 : 1 	
Magnolia Educational & Research Foundation	111 / 51	2 : 1 	
Selected	256 / 47	5 : 1 	
Ingenium.Agency	180 / 47	4 : 1 	

9 Top Cities Posting

City	Total/Unique (Aug 2021 - Jul 2022)	Posting Intensity	Unique Postings Trend (Aug 2021 - Jul 2022)
Los Angeles, CA	3,843 / 1,530	3 : 1	
San Diego, CA	894 / 287	3 : 1	
Pasadena, CA	418 / 155	3 : 1	
Santa Ana, CA	238 / 90	3 : 1	
Long Beach, CA	205 / 89	2 : 1	
Santa Monica, CA	132 / 74	2 : 1	
Irvine, CA	230 / 67	3 : 1	
Lancaster, CA	137 / 65	2 : 1	
Anaheim, CA	181 / 61	3 : 1	
Mission Viejo, CA	472 / 57	8 : 1	

10 Top Posted Job Titles

Top Posted Job Titles



Job Title	Total/Unique (Aug 2021 - Jul 2022)	Posting Intensity	Unique Postings Trend (Aug 2021 - Jul 2022)
Middle School Teachers	746 / 244	3 : 1	
Mathematics Teachers	415 / 161	3 : 1	
English Teachers	472 / 155	3 : 1	
High School Teachers	497 / 126	4 : 1	
Science Teachers	317 / 114	3 : 1	
Spanish Teachers	294 / 102	3 : 1	
Middle School Science Teachers	172 / 97	2 : 1	
Teachers	221 / 90	2 : 1	
Physical Education Teachers	191 / 75	3 : 1	
Middle School Math Teachers	127 / 70	2 : 1	

11 Top Industries

Industry	Total/Unique (Aug 2021 - Jul 2022)	Posting Intensity	Unique Postings Trend (Aug 2021 - Jul 2022)
Educational Services	4,159 / 1,571	3 : 1	
Professional, Scientific, and Technical Services	493 / 149	3 : 1	
Health Care and Social Assistance	401 / 128	3 : 1	
Manufacturing	240 / 67	4 : 1	
Public Administration	134 / 66	2 : 1	
Other Services (except Public Administration)	106 / 54	2 : 1	
Administrative and Support and Waste Management and Remediation Services	50 / 25	2 : 1	
Accommodation and Food Services	30 / 20	2 : 1	
Retail Trade	25 / 12	2 : 1	
Finance and Insurance	81 / 11	7 : 1	

12 In-Demand Skills

12.1 Top Specialized Skills

Skills	Postings	% of Total Postings
Lesson Planning	1,213	31%
Classroom Management	780	20%
Mathematics Education	584	15%
Differentiated Instruction	483	12%
Science Education	480	12%
Instructional Strategies	472	12%
Special Education	461	12%
Curriculum Development	423	11%
Educational Assessment	410	10%
Learning Styles	381	10%

12.2 Top Common Skills

Skills	Postings	% of Total Postings
Teaching	3,342	84%
Communications	1,814	46%
Mathematics	875	22%
Writing	659	17%
English Language	649	16%
Planning	628	16%
Leadership	507	13%
Professionalism	487	12%
Problem Solving	477	12%
Spanish Language	466	12%

12.3 Top Software Skills

Skills	Postings	% of Total Postings
Learning Management Systems	139	4%
Google Workspace	113	3%
Microsoft Office	105	3%
Microsoft Outlook	75	2%
Google Classroom	73	2%
Microsoft Excel	72	2%
Microsoft Word	67	2%
Zoom (Video Conferencing Tool)	66	2%
Microsoft PowerPoint	50	1%
Productivity Software	40	1%