

# Workforce Availability

Emsi Q1 2021 Data Set

February 2021

## Opportunity Stanislaus



1625 I Street  
Modesto, California 95354  
209.422.6420

# Parameters

## Occupations:

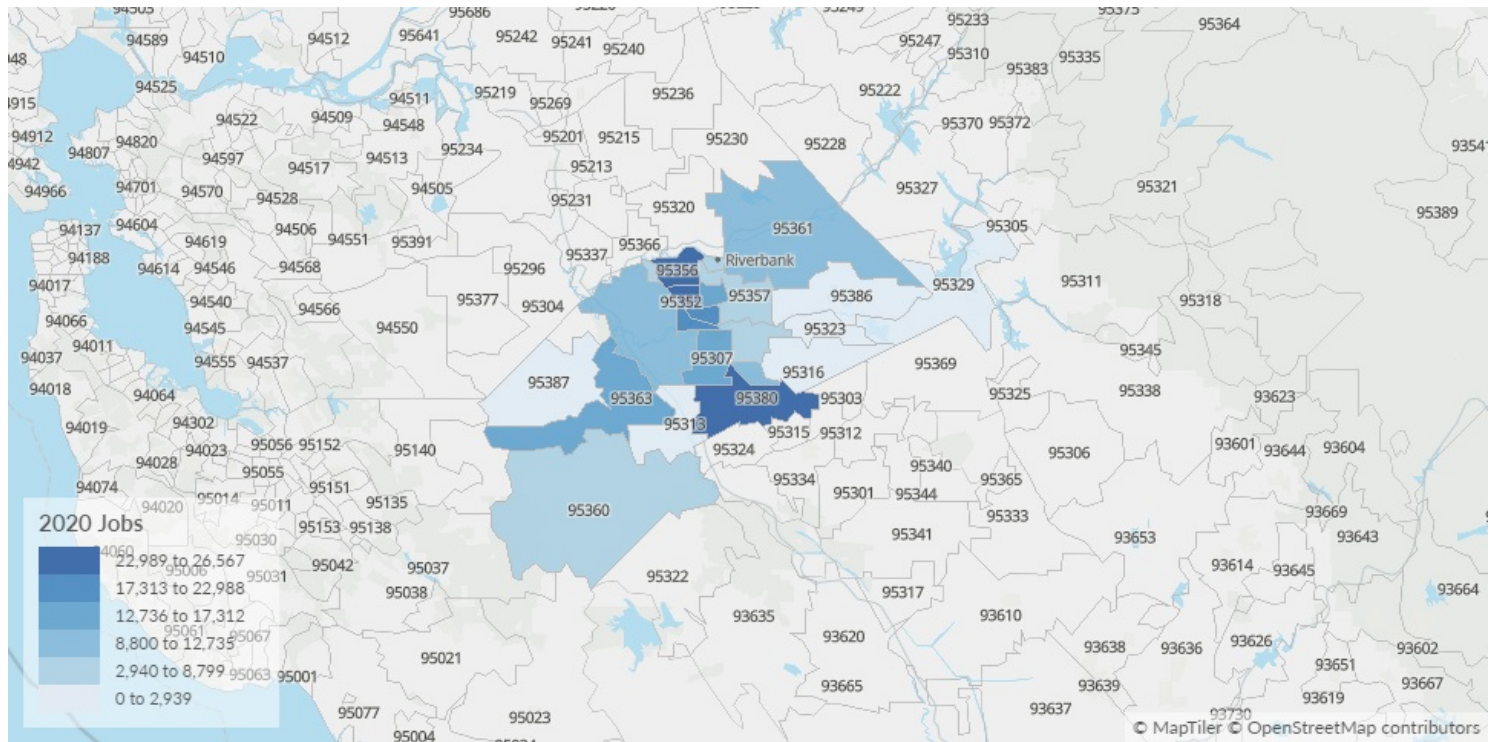
24 items selected. See Appendix A for details.

## Regions:

Code	Description
6099	Stanislaus County, CA

Datarun: 2021.1 – QCEW Employees, Non-QCEW Employees, and Self-Employed

# 24 Occupations in Stanislaus County, CA



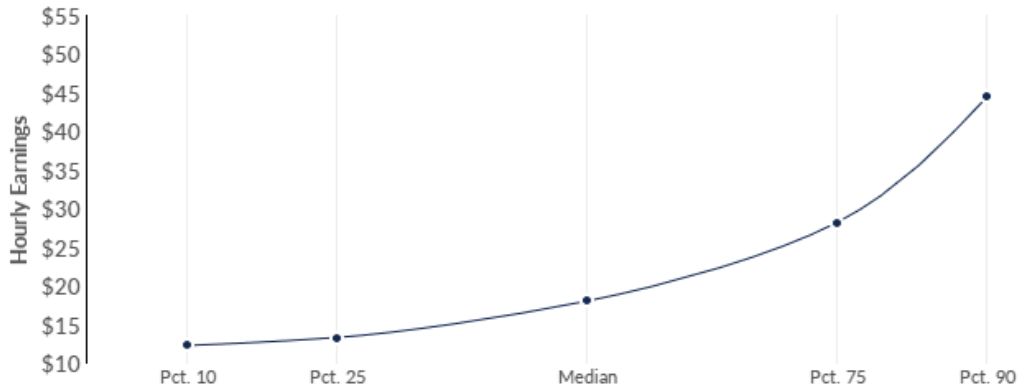
## Executive Summary

<p style="text-align: center;"><b>213,349</b></p> <p style="text-align: center;">Jobs</p> <p>Jobs <b>increased by 10,717</b> over the last 5 years. Projected to <b>increase by 9,584</b> over the next 5 years.</p>	<p style="text-align: center;"><b>1.00</b></p> <p style="text-align: center;">Concentration</p> <p>Regional job concentration per capita is <b>1.00 times</b> the national job concentration.</p>	<p style="text-align: center;"><b>\$18.01/hr</b></p> <p style="text-align: center;">Median Earnings</p> <p>Regional median earnings are <b>\$1.14/hr below</b> the national median earnings of \$19.15/hr.</p>	<p style="text-align: center;"><b>6,798</b></p> <p style="text-align: center;">Educational Completions</p> <p>Related educational completions are produced by <b>8 institutions</b> in the region.</p>
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- 24 Occupations increased by 10,717 from 2015-2020 (5.3%), outpacing the national growth rate of 3.1%. The occupations are projected to increase by 9,584 from 2020-2025 (4.5%), outpacing the national projected growth rate of 4.0%.
- Regional job concentration per capita for jobs in these 24 occupations is 1.00 times the national job concentration. In other words, there are 0% more jobs in these 24 occupations in this region than we would expect to find in the average region.
- Cost of labor in the region is below median. The median earnings for 24 Occupations in the region is \$18.01/hr, which is \$1.14/hr below the national median of \$19.15/hr.

# Earnings

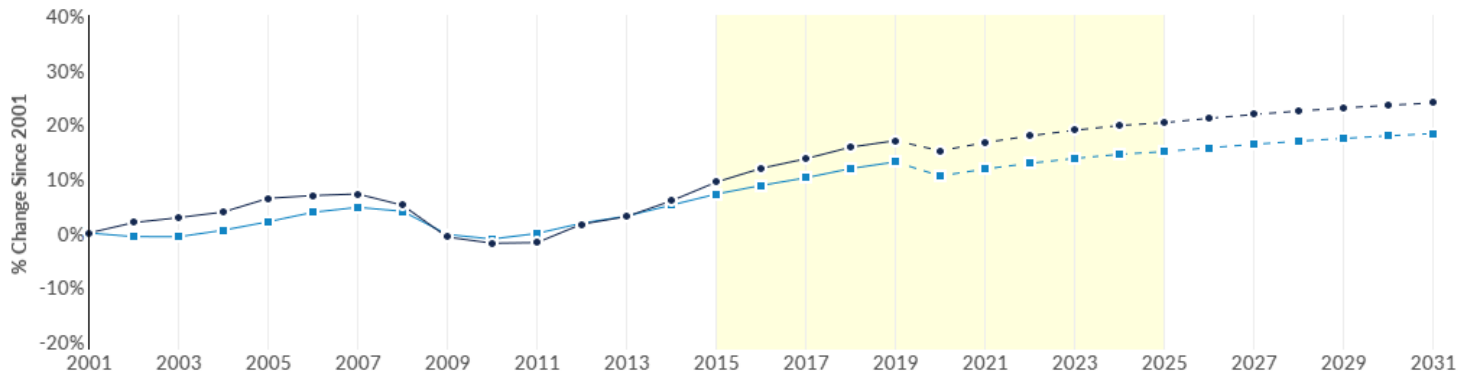
<p><b>\$24.34/hr</b></p> <p>Average Earnings</p>	<p><b>\$13.29/hr</b></p> <p>25th Percentile Earnings</p>	<p><b>\$18.01/hr</b></p> <p>Median Earnings</p>	<p><b>\$28.19/hr</b></p> <p>75th Percentile Earnings</p>
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Occupation	Average Earnings	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Management Occupations (11-0000)	\$46.33	\$27.03	\$39.85	\$58.65
Business and Financial Operations Occupations (13-0000)	\$35.60	\$23.31	\$30.84	\$40.55
Computer and Mathematical Occupations (15-0000)	\$37.97	\$25.55	\$33.86	\$45.91
Architecture and Engineering Occupations (17-0000)	\$41.42	\$27.83	\$37.03	\$51.31
Life, Physical, and Social Science Occupations (19-0000)	\$36.59	\$21.01	\$31.59	\$47.98
Community and Social Service Occupations (21-0000)	\$24.38	\$16.56	\$21.66	\$29.07
Legal Occupations (23-0000)	\$50.22	\$20.62	\$38.38	\$64.82
Educational Instruction and Library Occupations (25-0000)	\$29.58	\$17.05	\$26.21	\$40.84
Arts, Design, Entertainment, Sports, and Media Occupations (27-0000)	\$29.61	\$13.62	\$20.45	\$32.43
Healthcare Practitioners and Technical Occupations (29-0000)	\$48.45	\$28.46	\$43.60	\$59.91
Healthcare Support Occupations (31-0000)	\$15.86	\$12.64	\$13.98	\$16.93
Protective Service Occupations (33-0000)	\$28.01	\$14.50	\$24.61	\$38.44

Food Preparation and Serving Related Occupations (35-0000)	\$14.10	\$12.37	\$13.02	\$14.44
Building and Grounds Cleaning and Maintenance Occupations (37-0000)	\$18.38	\$12.40	\$15.46	\$21.18
Personal Care and Service Occupations (39-0000)	\$16.35	\$12.20	\$13.71	\$17.10
Sales and Related Occupations (41-0000)	\$20.49	\$12.69	\$14.70	\$20.90
Office and Administrative Support Occupations (43-0000)	\$20.05	\$14.48	\$18.59	\$23.67
Farming, Fishing, and Forestry Occupations (45-0000)	\$15.08	\$12.48	\$13.33	\$15.55
Construction and Extraction Occupations (47-0000)	\$25.44	\$17.03	\$23.19	\$31.13
Installation, Maintenance, and Repair Occupations (49-0000)	\$25.28	\$17.06	\$23.76	\$31.10
Production Occupations (51-0000)	\$19.40	\$13.68	\$17.09	\$22.98
Transportation and Material Moving Occupations (53-0000)	\$18.81	\$12.85	\$16.60	\$22.38
Military-only occupations (55-0000)	\$25.84	\$14.29	\$20.92	\$32.54
Unclassified Occupation (99-0000)	\$0.00	\$0.00	\$0.00	\$0.00

# Regional Trends



Region	2015 Jobs	2020 Jobs	2025 Jobs	Change	2015-2020 Growth %	2020-2025 Growth %
● Stanislaus County, CA	202,633	213,349	222,933	20,300	5.3%	4.5%
■ Nation	158,271,892	163,214,648	169,813,438	11,541,546	3.1%	4.0%

## Job Growth by ZIP

ZIP	ZIP Name	2015 Jobs	2020 Jobs	2015-2020 % Change	Avg. Hourly Earnings
95350	Modesto, CA (in Stanislaus county)	25,216	26,567	5%	\$25.08/hr
95356	Modesto, CA (in Stanislaus county)	22,948	24,308	6%	\$25.52/hr
95380	Turlock, CA (in Stanislaus county)	22,183	22,989	4%	\$22.54/hr
95354	Modesto, CA (in Stanislaus county)	17,850	18,978	6%	\$24.90/hr
95351	Modesto, CA (in Stanislaus county)	16,991	17,313	2%	\$24.02/hr
95307	Ceres, CA (in Stanislaus county)	13,853	14,544	5%	\$23.88/hr
95363	Patterson, CA (in Stanislaus county)	13,181	14,419	9%	\$21.82/hr
95355	Modesto, CA (in Stanislaus county)	12,525	12,736	2%	\$24.74/hr
95361	Oakdale, CA (in Stanislaus county)	11,171	11,125	0%	\$23.73/hr
95382	Turlock, CA (in Stanislaus county)	9,572	10,562	10%	\$27.30/hr
95358	Modesto, CA (in Stanislaus county)	8,071	8,800	9%	\$23.96/hr
95353	Modesto, CA (in Stanislaus county)	5,039	5,253	4%	\$28.14/hr
95357	Modesto, CA (in Stanislaus county)	4,874	5,297	9%	\$23.96/hr
95367	Riverbank, CA (in Stanislaus county)	4,671	4,683	0%	\$21.92/hr
95368	Salida, CA (in Stanislaus county)	3,483	3,743	7%	\$25.63/hr
95360	Newman, CA (in Stanislaus county)	2,820	2,940	4%	\$23.10/hr
95326	Hughson, CA (in Stanislaus county)	2,760	3,144	14%	\$23.32/hr
95386	Waterford, CA (in Stanislaus county)	1,636	1,812	11%	\$24.20/hr
95316	Denair, CA (in Stanislaus county)	925	1,082	17%	\$25.74/hr
95381	Turlock, CA (in Stanislaus county)	659	743	13%	\$25.09/hr
95328	Keyes, CA (in Stanislaus county)	565	586	4%	\$26.23/hr
95387	Westley, CA (in Stanislaus county)	491	535	9%	\$18.38/hr
95352	Modesto, CA (in Stanislaus county)	371	371	0%	\$25.47/hr
95329	La Grange, CA (in Stanislaus county)	214	223	4%	\$26.86/hr
95313	Crows Landing, CA (in Stanislaus county)	207	206	0%	\$22.85/hr
95323	Hickman, CA (in Stanislaus county)	182	194	7%	\$28.51/hr
95319	Empire, CA (in Stanislaus county)	174	195	12%	\$22.55/hr

## Occupation Gender Breakdown



Gender	2020 Jobs	2020 Percent
● Males	105,882	49.6%
● Females	107,467	50.4%

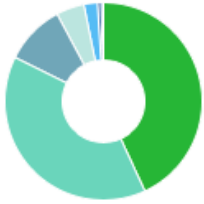
## Occupation Age Breakdown



Age	2020 Jobs	2020 Percent
● 14-18	4,132	1.9%
● 19-24	22,238	10.4%
● 25-34	46,560	21.8%
● 35-44	46,383	21.7%
● 45-54	43,045	20.2%
● 55-64	35,654	16.7%
● 65+	15,338	7.2%



## Occupation Race/Ethnicity Breakdown



Race/Ethnicity	2020 Jobs	2020 Percent
White	91,992	43.1%
Hispanic or Latino	83,602	39.2%
Asian	21,100	9.9%
Black or African American	9,794	4.6%
Two or More Races	4,752	2.2%
Native Hawaiian or Other Pacific Islander	1,269	0.6%
American Indian or Alaska Native	841	0.4%

# Educational Completions

122

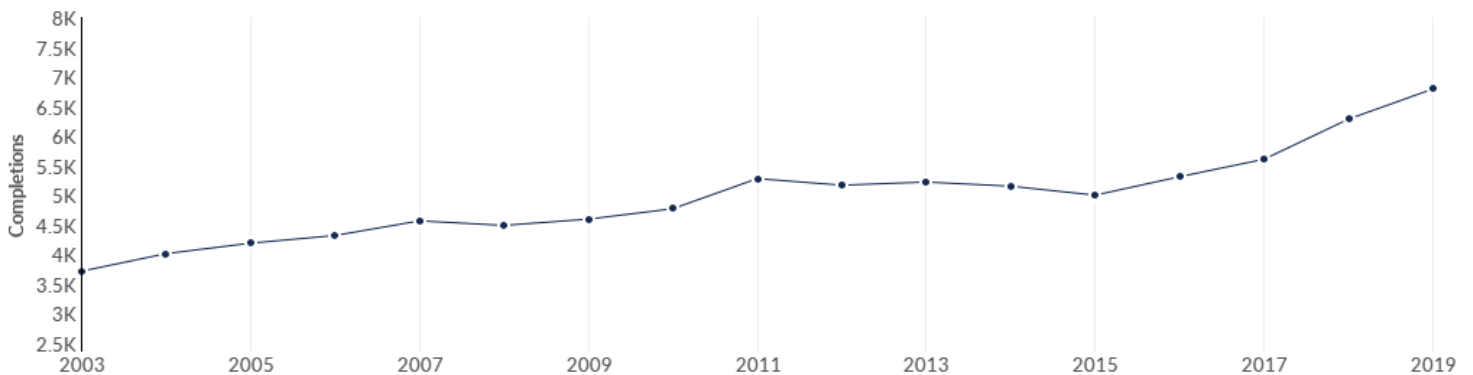
Programs (2019)

6,798

Completions (2019)

CIP Code	Program	Completions (2015)	Completions (2016)	Completions (2017)	Completions (2018)	Completions (2019)
24.0101	Liberal Arts and Sciences/Liberal Studies	439	546	534	893	1,475
52.0201	Business Administration and Management, General	569	605	595	617	666
42.0101	Psychology, General	281	357	385	422	465
30.0101	Biological and Physical Sciences	281	293	290	323	300
19.0709	Child Care Provider/Assistant	189	156	203	265	288
51.3801	Registered Nursing/Registered Nurse	222	215	210	211	243
45.1101	Sociology	117	149	177	199	219
43.0104	Criminal Justice/Safety Studies	170	166	187	187	206
12.0401	Cosmetology/Cosmetologist, General	401	365	272	233	192
09.0101	Speech Communication and Rhetoric	107	135	128	149	153

## Completions Trend



## Regional Completions by Award Level



Award Level	Completions (2019)	Percent
● Award of less than 1 academic year	967	14.2%
● Award of at least 1 but less than 2 academic years	1,307	19.2%
● Associate's Degree	1,879	27.6%
● Bachelor's Degree	2,346	34.5%
● Master's Degree	294	4.3%
● Doctor's Degree	5	0.1%
Award of at least 2 but less than 4 academic years	0	0.0%
Postbaccalaureate certificate	0	0.0%
Post-masters certificate	0	0.0%

## Regional Completions by Institution

Institution	Certificates (2019)	Degrees (2019)	Total Completions (2019)
California State University-Stanislaus	0	2,627	2,627
Modesto Junior College	1,741	1,897	3,638
Paul Mitchell the School-Modesto	183	0	183
Computer Tutor Business and Technical Institute	87	0	87
North Adrian's College of Beauty Inc	81	0	81
DeHart Technical School	72	0	72
Adrian's College of Beauty Turlock	61	0	61
California Beauty School	49	0	49
Galen College of Medical and Dental Assistants	0	0	0
Brightwood College-Modesto	0	0	0
Community Business College	0	0	0
San Joaquin Valley College-Modesto	0	0	0
Heald College-Modesto	0	0	0
Toni & Guy Hairdressing Academy-Modesto	0	0	0

# Appendix A - Occupations

Code	Description	Code	Description
11-0000	Management Occupations	35-0000	Food Preparation and Serving Related Occupations
13-0000	Business and Financial Operations Occupations	37-0000	Building and Grounds Cleaning and Maintenance Occupations
15-0000	Computer and Mathematical Occupations	39-0000	Personal Care and Service Occupations
17-0000	Architecture and Engineering Occupations	41-0000	Sales and Related Occupations
19-0000	Life, Physical, and Social Science Occupations	43-0000	Office and Administrative Support Occupations
21-0000	Community and Social Service Occupations	45-0000	Farming, Fishing, and Forestry Occupations
23-0000	Legal Occupations	47-0000	Construction and Extraction Occupations
25-0000	Educational Instruction and Library Occupations	49-0000	Installation, Maintenance, and Repair Occupations
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	51-0000	Production Occupations
29-0000	Healthcare Practitioners and Technical Occupations	53-0000	Transportation and Material Moving Occupations
31-0000	Healthcare Support Occupations	55-0000	Military-only occupations
33-0000	Protective Service Occupations	99-0000	Unclassified Occupation

# Appendix B - Data Sources and Calculations

## 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.

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

## State Data Sources

This report uses state data from the following agencies: Alabama Department of Industrial Relations; Alaska Department of Labor and Workforce Development; Arizona Department of Administration, Office of Employment and Population Statistics; Arkansas Department of Workforce Services; California Labor Market Information Department; Colorado Department of Labor and Employment; Connecticut did not provide us with a data source; Delaware Office of Occupational and Labor Market Information, Delaware Wages 2004; District of Columbia Department of Employment Services; Florida Department of Economic Opportunity; Georgia Department of Labor, Workforce Information and Analysis, Occupational Information Services Unit; Hawaii Department of Labor and Industrial Relations, Research and Statistics Office; Idaho Department of Labor; Illinois Department of Employment Security, Employment Projections; Indiana Department of Workforce Development; Iowa Workforce Development; Kansas Department of Labor, Labor Market Information Services, Kansas Wage Survey; Kentucky Office of Employment and Training; Louisiana Department of Labor; Maine did not provide us with a data source; Maryland Department of Labor, Licensing and Regulation, Office of Labor Market Analysis and Information; Massachusetts Executive Office of Labor and Workforce Development; Michigan Department of Labor and Economic Growth, Bureau of Labor Market Information and Strategic Initiatives; Minnesota Department of Employment and Economic Development; Mississippi Department of Employment Security; Missouri Department of Economic Development; Montana Department of Labor and Industry, Research and Analysis Bureau; Nebraska Workforce Development; Nevada Department of Employment, Training and Rehabilitation, Information Development and Processing Division, Research and Analysis Bureau; New Hampshire Department of Employment Security; New Jersey Department of Labor and Workforce Development; New Mexico Department of Labor, Bureau of Economic Research and Analysis; New York Department of Labor, Division of Research and Statistics; North Carolina Department of Commerce, Labor and Economic Analysis Division; North Dakota Job Service, Labor Market Information Center; Ohio Department of Job and Family Services, Labor Market Information Division; Oklahoma Employment Security Commission; Oregon Employment Department, Oregon Labor Market Information System; Pennsylvania Department of Labor and Industry, Center for Workforce Information and Analysis; Rhode Island did not provide us with a data source; South Carolina Employment Security Commission, Labor Market Information Department; South Dakota Department of Labor, Labor Market Information Division; Tennessee Department of Labor and Workforce Development, Research and Statistics Division; Texas Workforce Commission; Utah Department of Workforce Services; Vermont did not provide us with a data source; Virginia Employment Commission, Economic Information Services; Washington State Employment Security Department, Labor Market and Economic Analysis Branch; West Virginia Bureau of Employment Programs, Research Information & Analysis Division; Wisconsin Department of Workforce Development, Bureau of Workforce Information; Wyoming Department of Employment, Research and Planning