

Regional Impact of COVID-19:

Change in Job Demand from February 2020 to December 2020

Source: Emsi – economicmodeling.com

Introduction

This informational report provides an overview of how the COVID-19 pandemic has impacted the economy within the region(s) served by California State University Fullerton, as captured by job postings activity among occupations and companies. CSUF's service regions are identified as Los Angeles County, Orange County, Riverside County and San Bernardino County. All job posting data shown below is for the period between February 2020 and December 2020. The data include occupations for which there were at least 100 unique job postings in February 2020, and listed Bachelor's degree, Master's degree, or Ph.D. or professional degree as minimum education level.

Occupations

Tables 1 and 2 show occupations with increased and decreased posing activity. These occupations are ranked by percent change in unique postings from February 2020 to December 2020.

Within CSUF's service region, occupations that experienced the greatest growth between February and December are Pharmacists (89%), Transportation, Storage, and Distribution Managers (79%), and Clinical Laboratory Technologists and Technicians (57%).

Table 1. Occupations that Have Increased in Demand

Occupation	Feb 2020	Dec 2020	% Change
Pharmacists	180	341	89%
Transportation, Storage, and Distribution Managers	286	511	79%
Clinical Laboratory Technologists and Technicians	311	487	57%
Producers and Directors	212	321	51%
Medical Assistants	114	171	50%
First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	207	306	48%
Environmental Scientists and Specialists, Including Health	100	139	39%
Natural Sciences Managers	678	930	37%
Licensed Practical and Licensed Vocational Nurses	117	160	37%
Maintenance and Repair Workers, General	158	214	35%

On the other hand, the service region experienced the greatest decline in job postings for Exercise Trainers and Group Fitness Instructors (-78%), Meeting, Convention, and Event Planners (-71%), and Librarians and Media Collections Specialists (-62%).

Table 2. Occupations that Have Decreased in Demand

Occupation	Feb 2020	Dec 2020	% Change
Exercise Trainers and Group Fitness Instructors	194	42	-78%
Meeting, Convention, and Event Planners	105	30	-71%
Librarians and Media Collections Specialists	102	39	-62%
Teaching Assistants, Except Postsecondary	189	75	-60%
Fast Food and Counter Workers	179	77	-57%
Architects, Except Landscape and Naval	223	104	-53%
Executive Secretaries and Executive Administrative Assistants	978	483	-51%
Education Administrators, Kindergarten through Secondary	108	54	-50%
Payroll and Timekeeping Clerks	134	68	-49%
Interviewers, Except Eligibility and Loan	106	55	-48%

Company

Table 3 lists the companies with the greatest percentage of increase in the number of unique job postings from February 2020 to December 2020. JPMorgan Chase & Co. increased their job posting activity at the greatest rate (218%), followed by Spectrum (166%) and CVS Health Corporation (151%).

Table 3. Companies that have Increased Job Posting Activity

Company	Feb 2020	Dec 2020	% Change
JPMorgan Chase & Co.	120	382	218%
Spectrum	181	481	166%
CVS Health Corporation	130	326	151%
AT&T Inc.	101	246	144%
IQVIA	117	240	105%
Oracle Corporation	2,048	4,159	103%
Charter Communications, Inc.	119	213	79%
Humana Inc.	106	181	71%
CBRE Group, Inc.	191	312	63%
Edwards Lifesciences Corporation	249	406	63%

Table 4 lists the companies with the greatest rate of decline in the number of unique job postings within the same timeframe. Kindred (-99%), Getting Hired, Inc. (-97%), and Time Warner Inc. (-97%) experienced the greatest percentage of decrease in job posting activity.

Table 4. Companies that have Decreased Job Posting Activity

Company	Feb 2020	Dec 2020	% Change
Kindred	153	1	-99%
Getting Hired, Inc.	188	6	-97%
Time Warner Inc.	119	4	-97%
United States Department of the Air Force	254	9	-96%
N & A Inc	270	17	-94%
Live Nation Entertainment, Inc.	192	23	-88%
L. A. Care Health Plan	120	19	-84%
Extron Electronics	120	21	-83%
Hulu, LLC	155	33	-79%
Wells Fargo & Company	209	45	-78%

Skills

Table 5 on the next page provides an overview of top 20 skills for each of the three different criteria (Emsi, 2020):

Hiring Skills: Top skills across the **20 occupations with the greatest job posting growth** between February 2020 and December 2020.

Resilient Skills: Top skills across **all occupations that experienced an increase in job postings** from February 2020 to December 2020; possible indicator of skills that may remain in demand.

Furloughed Skills: Top skills across the **20 occupations with the greatest job posting decline** from February 2020 to December 2020.

Table 5. Top 20 Regional Hiring Skills, Resilient Skills, and Furloughed Skills

Hiring Skills		Resilient Skills		Furloughed Skills	
Skills	% Change	Skills	% Change	Skills	% Change
Team Leadership	160%	Oracle Cloud	194%	Physical Fitness	-94%
Editing	132%	Integrated Product Team	161%	NESTA	-94%
Safety Standards	129%	Logistics Management	138%	Aerobics	-94%
Advising	115%	Medical Necessity	120%	Kinesiology	-90%
Clinical Trial Management Systems	111%	Software Technical Review	114%	Automated External Defibrillator	-84%
Appeals	105%	Clinical Trial Management Systems	111%	Due Diligence	-84%
Empathy	104%	Curiosity	108%	Goal Setting	-84%
Inventory Management	96%	VHSIC Hardware Description Language (VHDL)	104%	Underwriting	-74%
Health Technology	92%	Digital Design	103%	Cardiopulmonary Resuscitation (CPR)	-67%
Electronics	91%	Digital Signal Processing	100%	Mentorship	-64%
Biostatistics	88%	Digital Electronics	99%	Bank Reconciliations	-64%
Life Sciences	88%	Health Technology	95%	Trustworthy	-64%
Warehousing	86%	Empathy	94%	Sanitation	-63%
Computer Engineering	82%	Infrastructure As A Service (IaaS)	94%	Hospitality	-63%
Common Language Specification	81%	Medical Laboratory	90%	Event Planning	-62%
Medical Laboratory	80%	Common Language Specification	90%	Spanish Language	-60%
Automation	78%	Oscilloscope	90%	Punctuation	-60%
Discharge Planning	76%	Biostatistics	89%	Resourcefulness	-59%
Sales Process	76%	Design Verification	86%	Computer Literacy	-59%
Business Strategies	75%	Sales Territory	84%	Editing	-58%