

SNEAK PEEK

Resilient Jobs Study

August 2020



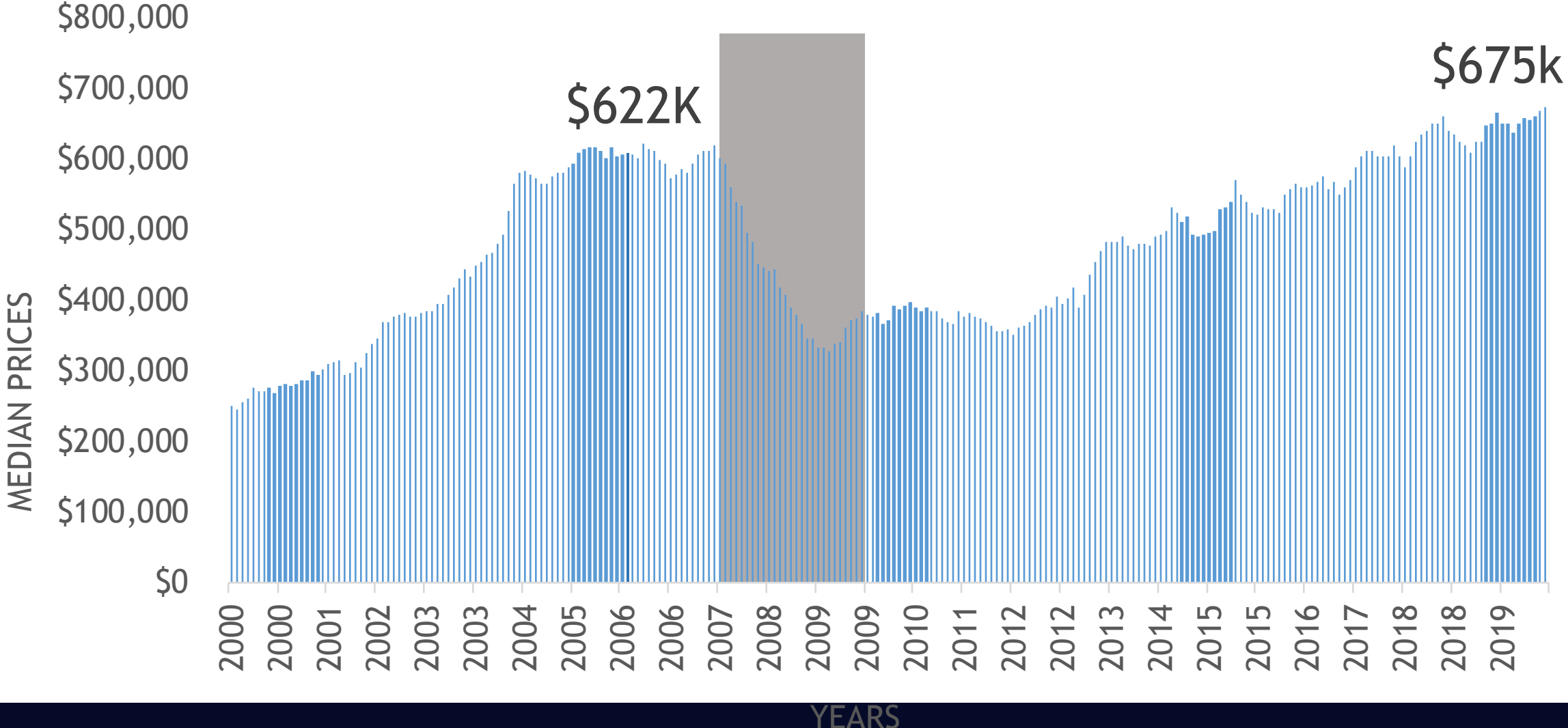
**Great Recession
(2007-2009)**

**Recession-
Resilient Jobs**

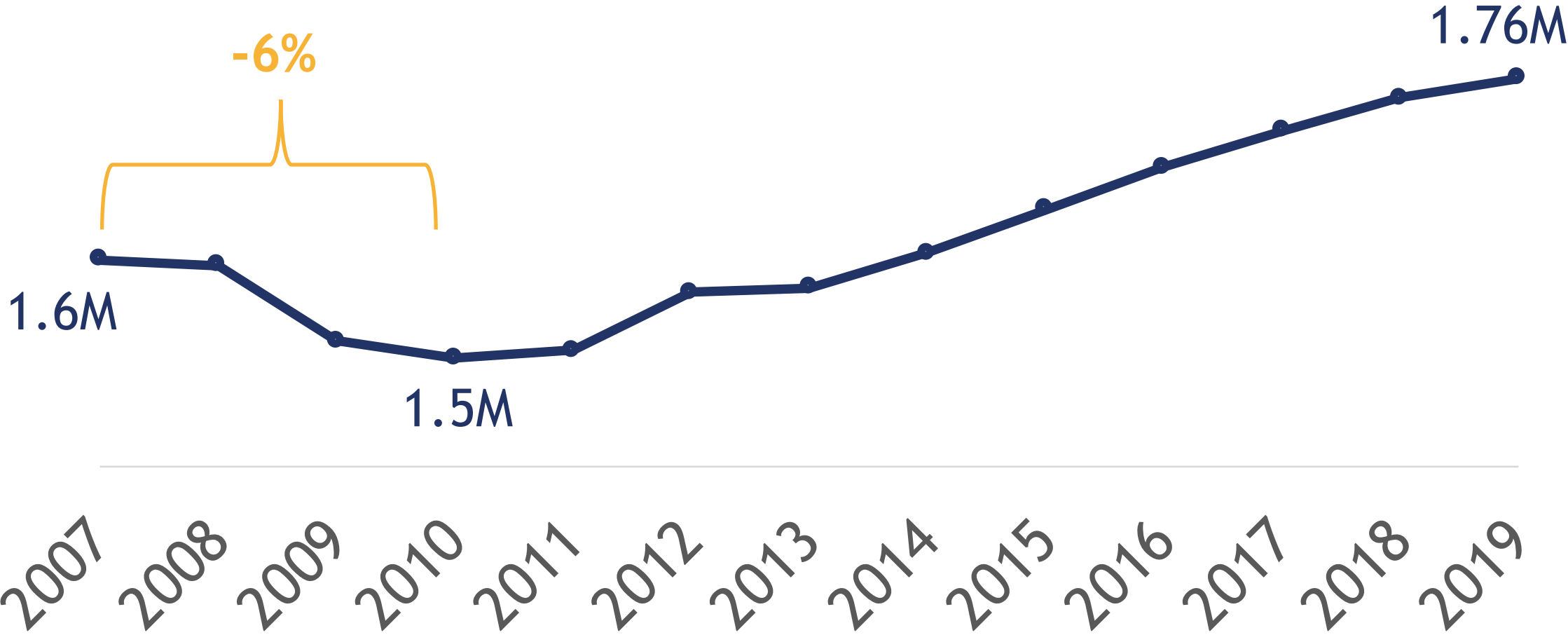
**COVID-19
(Mar-June 2020)**

**Pandemic-
Resilient Jobs**

Median Home Price in San Diego County



Total Jobs (Employment) in San Diego County



IMPORTANT DISCLAIMER

It is important to note that the financial crises caused by the Great Recession and COVID-19 are not the same. As more information about the impact of COVID-19 becomes available, the resilient jobs identified in this study may no longer be relevant. However, this labor market information is intended to help the San Diego and Imperial Counties Community Colleges with program development and strategic planning as they assess priorities during this difficult time. Efforts have been made to qualify and validate the accuracy of the data and the report findings; however, neither the Centers of Excellence for Labor Market Research, COE host district, nor California Community Colleges Chancellor's Office are responsible for the applications or decisions made by individuals and/or organizations based on this study or its recommendations.

Recession-Resilient Jobs - Criteria

- Labor market demand at or above the regional average (275 annual job openings)
- Median hourly earnings are at or above \$15.99
- Less than six percent employment decline between 2007 and 2010

**Appendix A: 64
recession-resilient jobs**

**36 of those recession-
resilient jobs are middle-
skill jobs *or jobs that can
be trained by community
college programs***

Data tables will be available in the full report

Exhibit 2a: Recession-Resilient, Middle-Skill Jobs in San Diego County

	SOC	Occupational Title	Typical Entry-level Education	Annual Job Openings/Demand (2007-2010)	Entry-level Hourly Earnings (25 th Percentile)	Median Hourly Earnings	2007-2010 % Employment Change
1	43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	High school diploma or equivalent	2,586	\$16.11	\$19.66	-4%
2	29-1141	Registered Nurses	Bachelor's degree	1,883	\$39.29	\$47.52	12%
3	13-1199	Business Operations Specialists, All Other	Bachelor's degree	1,868	\$26.73	\$36.65	4%
4	25-9041	Teacher Assistants	Some college, no degree	1,620	\$13.58	\$16.06	-4%
5	43-1011	First-Line Supervisors of Office and Administrative Support Workers	High school diploma or equivalent	1,435	\$22.02	\$27.70	-6%
6	49-9071	Maintenance and Repair Workers, General	High school diploma or equivalent	1,349	\$15.86	\$19.78	-3%
7	35-1012	First-Line Supervisors of Food Preparation and Serving Workers	High school diploma or equivalent	1,237	\$13.57	\$16.98	-5%
8	43-6013	Medical Secretaries	High school diploma or equivalent	1,043	\$16.97	\$21.12	22%
9	31-9092	Medical Assistants	Postsecondary nondegree award	1,014	\$15.69	\$17.88	32%
10	41-3021	Insurance Sales Agents	High school diploma or equivalent	848	\$19.81	\$27.69	5%

Which CC programs train for recession-resilient jobs?

We're unsure, but by matching occupational codes (SOC) with program codes (TOP), we have an idea of what existing programs *could* train for them.

SOC ↔ TOP

SOC = Standard Occupational Classification

TOP = Taxonomy of Programs

DISCLAIMER #2

Stakeholders should confirm that the region's colleges actually train for the recession-resilient, middle-skill jobs listed in the study.

To find program titles in the community college catalog system, visit coci2.ccctechcenter.org/programs and search by the college name and TOP code.

If a program does not report awards to the Chancellor's Office, then it will not show up in the report

Exhibit 3a: Community College TOP Codes (Programs) Related to Recession-Resilient, Middle-Skill Jobs

Occupational Title	Related TOP Code & Title	Community College(s) with a Program in Related TOP Code
1. Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	0514.00 Office Technology/Office Computer Applications	Cuyamaca Grossmont Imperial Valley MiraCosta Palomar San Diego City San Diego Continuing Education San Diego Mesa San Diego Miramar Southwestern
2. Registered Nurses	1230.10 Registered Nursing	Grossmont Imperial Valley MiraCosta Palomar San Diego City Southwestern

Pandemic-Resilient Jobs

Jobs with the most number of online job postings *per month* between March 1 and June 30, 2020

- More than 800 occupations in the SOC system
- 66 SOC codes made the top 50 jobs list *at least once* during this period
- 25 of 66 pandemic-resilient jobs were also recession-resilient

Data tables will be available in the full report

Exhibit 4a: Occupations that Made the Monthly Top 50 Jobs List in San Diego County, March-June 2020

	Occupational Title	March 2020	April 2020	May 2020	June 2020	# of Months in the Top 50 Jobs
1.	Accountants and Auditors*	•	•	•	•	4
2.	Bookkeeping, Accounting, and Auditing Clerks	•	•	•	•	4
3.	Combined Food Preparation and Serving Workers, Including Fast Food	•	•	•	•	4
4.	Computer Occupations, All Other*	•	•	•	•	4
5.	Computer Systems Analysts*	•	•	•	•	4
6.	Computer User Support Specialists*	•	•	•	•	4
7.	Customer Service Representatives	•	•	•	•	4
8.	Engineering Technicians, Except Drafters, All Other	•	•	•	•	4
9.	Engineers, All Other	•	•	•	•	4
10.	Financial Managers*	•	•	•	•	4

Exhibit 6: Recession- and Pandemic-Resilient, Middle-Skill Jobs in San Diego County

	Occupational Title	Typical Entry-level Education	Entry-level Hourly Earnings	Median Hourly Earnings
1.	Computer User Support Specialists*	Some college, no degree	\$23.13	\$28.19
2.	First-Line Supervisors of Food Preparation and Serving Workers*	High school (HS) diploma or equivalent	\$13.57	\$16.98
3.	Inspectors, Testers, Sorters, Samplers, and Weighers*	HS diploma or equivalent	\$16.24	\$21.31
4.	Insurance Sales Agents*	HS diploma or equivalent	\$19.81	\$27.69
5.	Licensed Practical and Licensed Vocational Nurses*	Postsecondary nondegree award	\$23.48	\$27.21
6.	Maintenance and Repair Workers, General*	HS diploma or equivalent	\$15.86	\$19.78
7.	Medical Assistants*	Postsecondary nondegree award	\$15.69	\$17.88
8.	Medical Secretaries*	HS diploma or equivalent	\$16.97	\$21.12
9.	Network and Computer Systems Administrators*	Bachelor's degree	\$35.34	\$43.66
10.	Registered Nurses*	Bachelor's degree	\$39.29	\$47.52
11.	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive*	HS diploma or equivalent	\$16.11	\$19.66
12.	Software Developers, Applications+	Bachelor's degree	\$42.41	\$53.21

...and finally,
recession- and
pandemic-
resilient, middle-
skill jobs

Next Steps

- COE eNews release
- Designed report will be published on the regional website by the end of the month



myworkforceconnection.org

**That's cool.
So what?**



Scenario

You are asked to prioritize training programs during COVID-19 due to limitations in resources.

Your stakeholders want to know what occupations are in demand in the labor market.

Your stakeholders want evidence to support your claims.

You have three lists to choose from in the report

Recession-
Resilient Jobs

Pandemic-
Resilient Jobs

Recession- and Pandemic-
Resilient Middle-skill Jobs

You have a list of related TOP codes and their colleges in the report

Exhibit 3a: Community College TOP Codes (Programs) Related to Recession-Resilient, Middle-Skill Jobs

Occupational Title	Related TOP Code & Title	Community College(s) with a Program in Related TOP Code
1. Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	0514.00 Office Technology/Office Computer Applications	Cuyamaca Grossmont Imperial Valley MiraCosta Palomar San Diego City San Diego Continuing Education San Diego Mesa San Diego Miramar Southwestern
2. Registered Nurses	1230.10 Registered Nursing	Grossmont Imperial Valley MiraCosta Palomar San Diego City Southwestern

You want to prioritize the programs and occupations you selected, but the report doesn't provide a demand and supply analysis (is demand already met with existing programs?), so you request more information from the COE



C · O · E

CENTERS OF EXCELLENCE
FOR LABOR MARKET RESEARCH

Regional Program Recommendation: Request for Labor Market Report

In what region is your college located?

- Bay
- Central/Mother Lode
- Inland Empire/Desert
- Los Angeles-Orange County
- North Far North
- San Diego-Imperial
- South Central Coast

Next

Here's where your data request will end up



LABOR MARKET BRIEFS

SAN DIEGO COUNTY

 Advanced Manufacturing +

 Advanced Transportation & Logistics +

 Agriculture, Water and Environmental Technologies +

 Business & Entrepreneurship +

 Energy, Construction and Utilities +

 Global Trade +

 Government/or Public Safety +

 Health Care +

 ICT and Digital Media +

 Life Sciences +

 Retail, Hospitality and Tourism +

Other +

Now you have all the supporting evidence you need to prioritize your program(s).

Resilient Jobs Study

COE Endorsement Report

THANK YOU



COMMUNITY COLLEGES

SAN DIEGO & IMPERIAL COUNTIES

CAREER EDUCATION