Cuyamaca College/GCCCD Environmental Scan
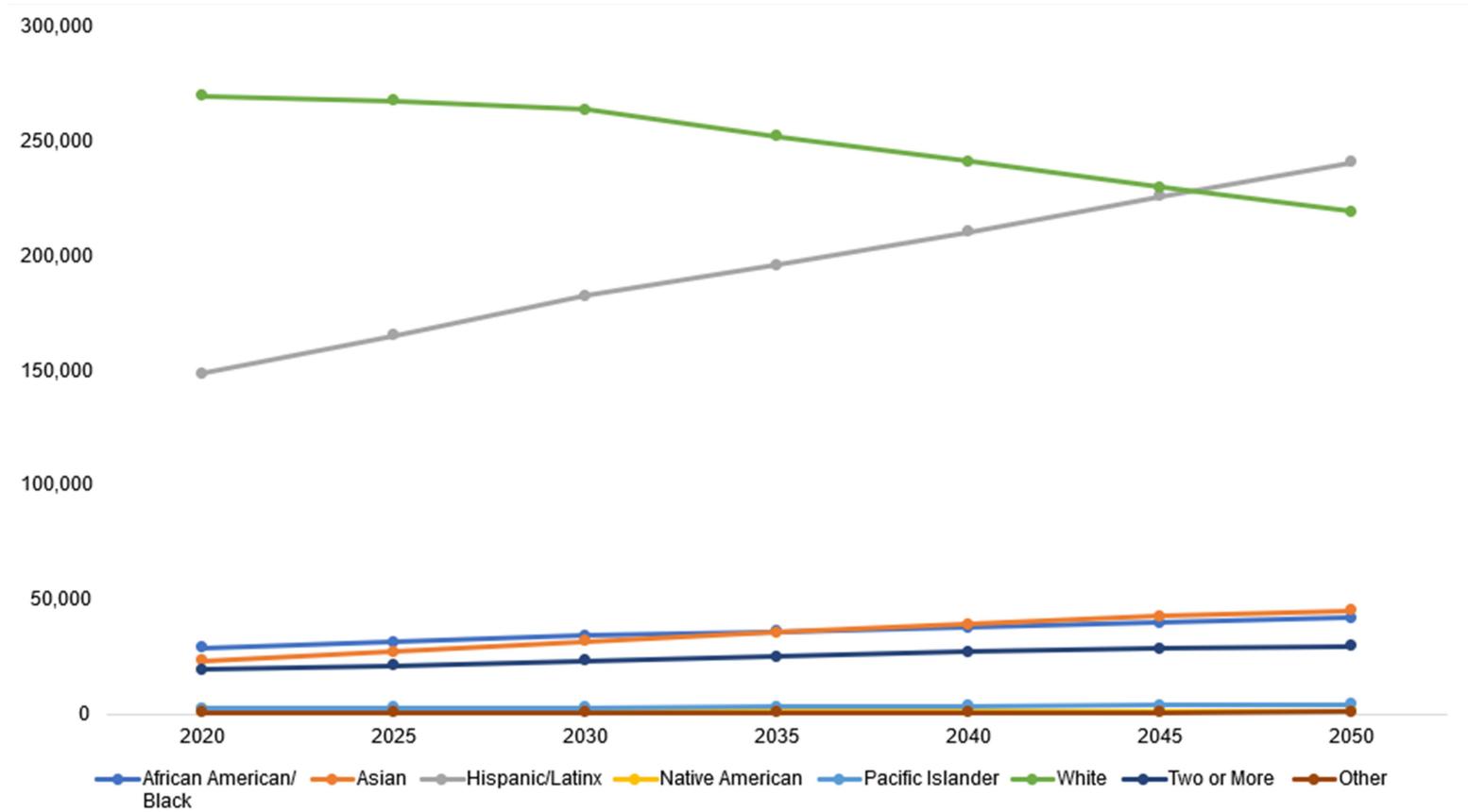
Environmental Scan Tables and Figures

Service Area Population and High School Graduate Trends

Figure 1. Population Estimate by Ethnicity Group for the GCCCD Service Area

Within the next 25 years, the Latinx population is projected to surpass the white population in San Diego County.

Source: SANDAG, 2050 Series 13 Regional Growth Forecast (data extracted on: 06/2021).

San Diego County high schools have seen an increasing percentage of Latinx graduates over the past 5 years, with nearly half identifying as Latinx in 2019-20.

Table 1. San Diego County High School Graduates by Race/Ethnicity

Race/Ethnicity	2015-16		2016-17		2017-18		2018-19		2019-20		Five-Year Average
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	
African American/Black	1,588	5%	1,508	5%	1,470	4%	1,393	4%	1,335	4%	4%
American Indian/Alaskan Native	143	0%	154	0%	166	0%	164	0%	126	0%	0%
Asian	1,986	6%	2,072	6%	2,222	7%	2,182	7%	2,126	6%	6%
Filipino	1,729	5%	1,549	5%	1,641	5%	1,650	5%	1,542	5%	5%
Hispanic/Latino	14,619	45%	14,576	45%	15,388	46%	15,643	47%	16,076	48%	46%
Pacific Islander	207	1%	191	1%	165	0%	174	1%	150	0%	1%
White	10,773	33%	10,583	33%	10,521	32%	10,294	31%	10,001	30%	32%
Other/Unknown	29	0%	1,457	5%	1,624	5%	1,719	5%	1,886	6%	4%
Two or more	1,406	4%	76	0%	94	0%	158	0%	164	0%	1%
Total	*32,480*	*100%*	*32,166*	*100%*	*33,291*	*100%*	*33,377*	*100%*	*33,406*	*100%*	*100%*

Source: California Department of Education

Figure 2. Enrollment Projections for 12th Grade in San Diego County

The number of 12th grade enrollments is projected to increase over the next two years, with subsequent declines through 2030-31.
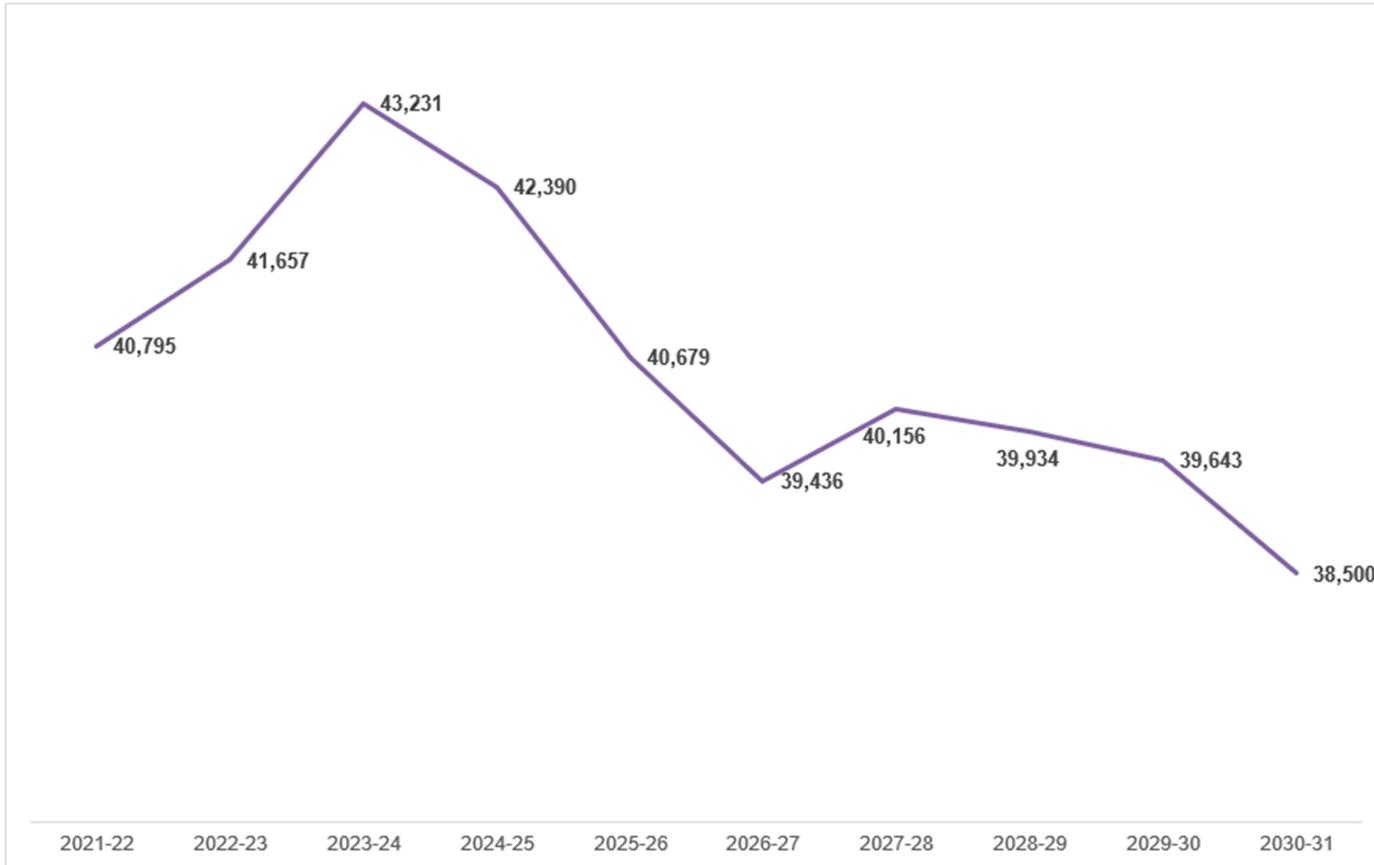
Source: State of California, Department of Finance, California Public K-12 Graded Enrollment and High School Graduate Projections by County, 2021 Series. Sacramento, California, June 2021.

Cuyamaca primarily drew students from El Cajon zip codes, which accounted for 38% of students who enrolled in Fall 2020. Over the past 5 years, overall student headcount has decreased by over 1,000, and the number of students enrolling from the Spring Valley (91977) zip code has disproportionately decreased.

Figure 3. Cuyamaca College Fall 2020 Student Headcount: Top 10 Zip Codes
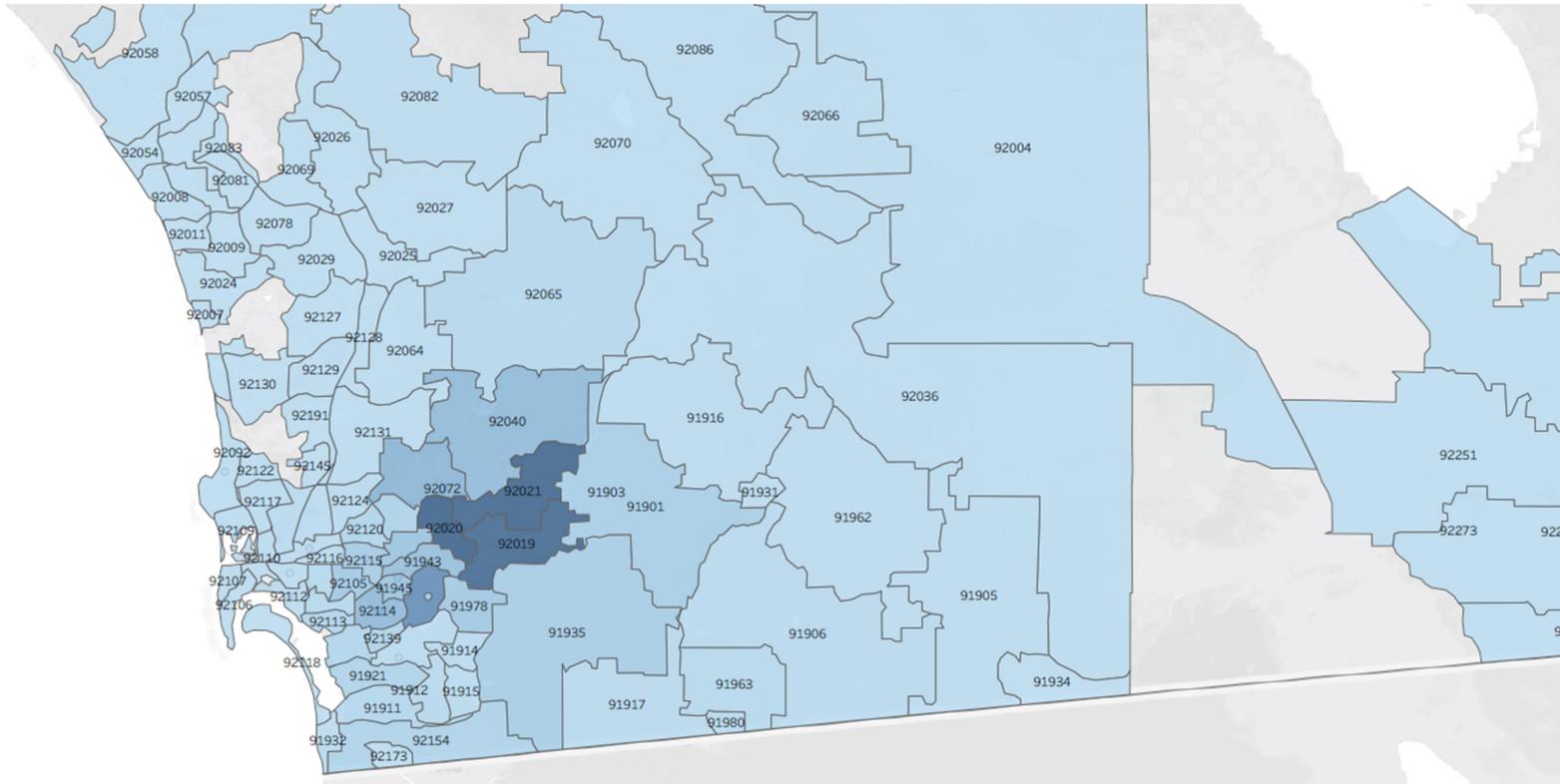
Source: GCCCD Information System

Table 2. Cuyamaca College Student Headcount: Top 10 Zip Codes

Cuyamaca College														
Fall 2016			Fall 2017			Fall 2018			Fall 2019			Fall 2020		
Zip Code	#	%	Zip Code	#	%	Zip Code	#	%	Zip Code	#	%	Zip Code	#	%
92020 (El Cajon)	1,319	14%	92019 (El Cajon)	1,358	14%	92019 (El Cajon)	1,274	14%	92020 (El Cajon)	1,199	14%	92020 (El Cajon)	1,140	13%
92019 (El Cajon)	1,317	13%	92020 (El Cajon)	1,278	13%	92020 (El Cajon)	1,191	13%	92019 (El Cajon)	1,176	13%	92021 (El Cajon)	1,123	13%
92021 (El Cajon)	1,227	12%	92021 (El Cajon)	1,229	13%	92021 (El Cajon)	1,121	12%	92021 (El Cajon)	1,106	13%	92019 (El Cajon)	1,089	12%
91977 (Spring Valley)	1,011	10%	91977 (Spring Valley)	930	10%	91977 (Spring Valley)	867	10%	91977 (Spring Valley)	837	10%	91977 (Spring Valley)	728	8%
92114 (San Diego)	391	4%	92114 (San Diego)	331	3%	92114 (San Diego)	315	4%	92071 (Santee)	320	4%	92071 (Santee)	369	4%
91941 (La Mesa)	373	4%	91941 (La Mesa)	318	3%	92040 (Lakeside)	295	3%	92114 (San Diego)	317	4%	92114 (San Diego)	331	4%
92071 (Santee)	307	3%	92071 (Santee)	304	3%	91941 (La Mesa)	286	3%	92040 (Lakeside)	294	3%	92040 (Lakeside)	318	4%
91945 (Lemon Grove)	281	3%	92040 (Lakeside)	292	3%	92071 (Santee)	277	3%	91941 (La Mesa)	292	3%	91941 (La Mesa)	288	3%
92040 (Lakeside)	276	3%	91978 (Spring Valley)	254	3%	91978 (Spring Valley)	245	3%	91978 (Spring Valley)	232	3%	91942 (La Mesa)	242	3%
91978 (Spring Valley)	260	3%	91945 (Lemon Grove)	233	2%	91942 (La Mesa)	207	2%	91945 (Lemon Grove)	224	3%	91945 (Lemon Grove)	235	3%
Total	9,909	100%	Total	9,583	100%	Total	8,997	100%	Total	8,806	100%	Total	8,803	100%

Source: GCCCD Information System

Labor Market Information

San Diego County's fastest growing jobs that require a post-secondary certificate primarily consisted of allied health-related occupations.

Table 3. Top 10 Occupations Requiring Post-Secondary Certificate in San Diego County

Occupation	2018 Employment	2025 Employment	Change in Jobs (2018-2025)	Percent Change (2018-2025)	2018 Median Hourly Earnings
Medical Assistants	7,596	8,912	1,316	17%	$18.92
Heavy and Tractor-Trailer Truck Drivers	7,486	8,394	908	12%	$23.55
Licensed Practical and Licensed Vocational Nurses	5,940	6,672	732	12%	$31.31
Psychiatric Technicians	430	862	433	101%	$30.13
Health Information Technologists, Medical Registrars, Surgical Assistants, and Healthcare Practitioners and Technical Workers,	864	1,203	340	39%	$20.88
Nursing Assistants	9,647	9,948	302	3%	$18.06
Ophthalmic Medical Technicians	314	523	210	67%	$18.36
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,092	2,274	182	9%	$29.66
Phlebotomists	1,222	1,377	155	13%	$25.83
Firefighters	3,174	3,286	112	4%	$34.73

Source: EMSI Analyst 2021; ranked in descending order by Change in Jobs (2018-2025)

San Diego County's fastest growing jobs that require an associate degree centered on allied health-related and legal/law occupations.

Table 4. Top 10 Occupations Requiring an Associate's Degree in San Diego County

Occupation	2018 Employment	2025 Employment	Change in Jobs (2018-2025)	Percent Change (2018-2025)	2018 Median Hourly Earnings
Legal Support Workers, All Other	1,031	1,447	416	40%	$20.02
Veterinary Technologists and Technicians	1,280	1,652	372	29%	$23.00
Paralegals and Legal Assistants	2,577	2,819	243	9%	$31.80
Web Developers and Digital Interface Designers	1,468	1,707	240	16%	$36.35
Avionics Technicians	315	492	178	57%	$36.21
Physical Therapist Assistants	677	840	163	24%	$34.67
Radiologic Technologists and Technicians	1,730	1,893	163	9%	$43.34
Chemical Technicians	1,009	1,160	151	15%	$22.14
Geological and Hydrologic Technicians	236	360	124	53%	$28.51
Environmental Science and Protection Technicians, Including Health	670	786	116	17%	$23.95

Source: EMSI Analyst 2021; ranked in descending order by Change in Jobs (2018-2025)

San Diego County's fastest growing jobs that require a bachelor's degree were focused on business, management, finance, allied health, and technology-related occupations.

Table 5. Top 10 Occupations Requiring a Bachelor's Degree in San Diego County

Occupation	2018 Employment	2025 Employment	Change in Jobs (2018-2025)	Percent Change (2018-2025)	2018 Median Hourly Earnings
Project Management Specialists and Business Operations Specialists, All Other	20,601	25,675	5,075	25%	$38.85
Software Developers and Software Quality Assurance Analysts and Testers	18,039	21,663	3,623	20%	$57.18
General and Operations Managers	21,981	24,219	2,237	10%	$58.85
Educational Instruction and Library Workers, All Other	2,575	4,613	2,037	79%	$16.74
Computer and Information Systems Managers	5,474	6,996	1,521	28%	$78.06
Registered Nurses	25,420	26,817	1,397	5%	$54.09
Medical and Health Services Managers	3,167	4,487	1,320	42%	$57.56
Financial Managers	6,957	8,196	1,239	18%	$65.74
Securities, Commodities, and Financial Services Sales Agents	5,810	7,001	1,192	21%	$30.79
Market Research Analysts and Marketing Specialists	7,698	8,851	1,153	15%	$29.39

Source: EMSI Analyst 2021; ranked in descending order by Change in Jobs (2018-2025)

The industries that are projected to grow the most in total number of jobs include healthcare, science/technology, and engineering-related industries.

Table 6. Top 10 Industries in San Diego County

Occupation	2018 Employment	2025 Employment	Change in Jobs (2018-2025)	Percent Change (2018-2025)	2018 Median Annual Earnings
Services for the Elderly and Persons with Disabilities	28,951	41,234	12,283	42%	$21,704
All Other General Merchandise Stores	2,643	6,667	4,024	152%	$28,144
Research and Development in Biotechnology (except Nanobiotechnology)	15,875	19,523	3,647	23%	$211,975
Electromedical and Electrotherapeutic Apparatus Manufacturing	2,825	6,074	3,249	115%	$225,796
HMO Medical Centers	7,446	10,677	3,231	43%	$120,418
Computer Systems Design Services	8,154	11,225	3,072	38%	$143,555
All Other Outpatient Care Centers	2,590	5,463	2,873	111%	$76,118
Administrative Management and General Management Consulting Services	5,615	8,371	2,756	49%	$98,079
Offices of Physical, Occupational and Speech Therapists, and Audiologists	4,360	6,970	2,610	60%	$47,021
Engineering Services	16,611	19,206	2,595	16%	$118,335

Source: EMSI Analyst 2021; ranked in descending order by Change in Jobs (2018-2025)

The largest employers in San Diego include a number of healthcare, defense, and higher education organizations.

Table 7. San Diego County's Largest Employers

Major	Location	Industry
32nd Street Naval Station	San Diego	Federal Government – National Security
SDGE	San Diego	Gas Companies
General Dynamics	San Diego	Ship Builders and Repairers
Illumina, Inc.	San Diego	Biotechnology Products and Services
Kaiser Permanente Vandever Medical	San Diego	Physicians and Surgeons
Kaiser Permanente Zion Medical Center	San Diego	Hospitals
MCCS Marine Core Recruit Depot San Diego	San Diego	Military Bases
Merchants Building Maintenance	San Diego	Janitor Service
Page One Seo	San Diego	Mental Health Services
Palomar Pomerado Health Rehabilitation	Escondido	Rehabilitation Services
Rady Children's Hospital	San Diego	Hospitals
San Diego Community College District	San Diego	Junior-Community College-Tech Institutes
San Diego County Sheriff's Department	Santee	Police Departments
Scripps Mercy Hospital San Diego	San Diego	Hospitals
SeaWorld San Diego	San Diego	Water Parks
Sharp-Grossmont Rehabilitation Center	La Mesa	Rehabilitation Services
Sony Electronics	San Diego	Electronic Equipment and Supplies – Retail
UC San Diego Health	San Diego	Health Care Management
UCSD	La Jolla	Schools-Universities and Colleges, Academic
US Navy Medical Center Orthopedics	San Diego	Medical Centers

Source: America's Labor Market Information System (ALMIS) Employer Database/Data Axle; employers listed in alphabetical order

The unemployment rate and number of individuals unemployed in San Diego County consistently declined from the end of the Great Recession in 2012 through 2019, before increasing dramatically in 2020 due in large part to the pandemic. In 2021, the unemployment rate and number unemployed decreased by almost half.

Figure 4. San Diego County Unemployment, 2012-2021
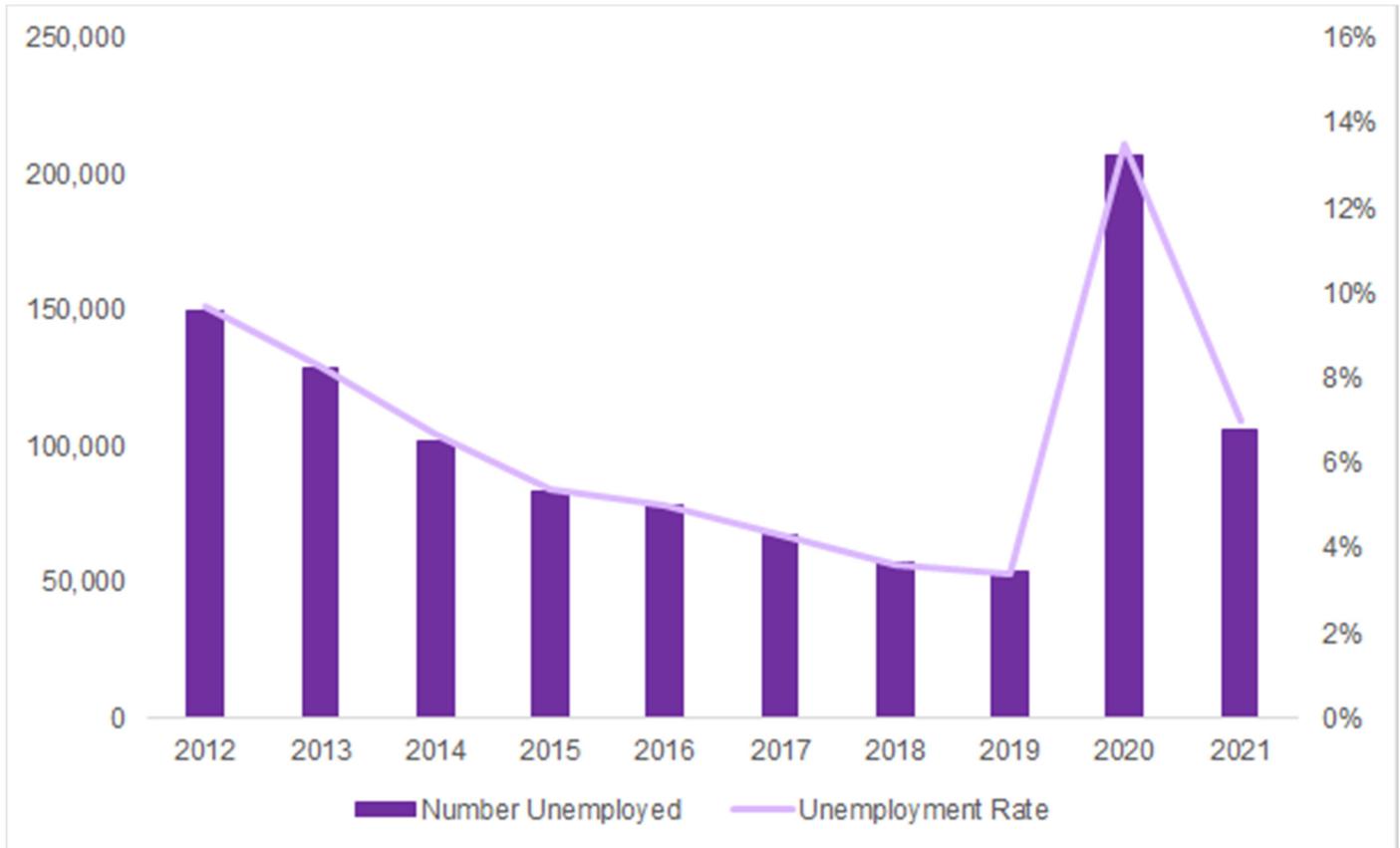
Source: California Employment Development Department (Data as of June in each year; 2021 data are preliminary)