



FOR LABOR MARKET RESEARCH
SOUTH CENTRAL COAST

SPRING 2026



District Profile:

Antelope Valley Community College District



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• Executive Summary

This District Profile was prepared by the South Central Coast Center of Excellence (SCC COE) to provide a demographic overview and labor market analysis of the Antelope Valley Community College District (AVCCD) service area. This District Profile supports Antelope Valley College, which AVCCD operates, in aligning educational programs with middle-skill occupations. The following points highlight key findings related to the SCC COE's analysis of the AVCCD service area.

Demographic Findings

- Within the service area, there are 484,085 residents. Hispanic or Latino individuals account for the majority of the population (52%), and most residents are within either the Pre-Career/College Age (24 or Younger) (36%) or Later Career/Retirement (50 and Older) (31%) age groups.
- Approximately 50% of the service area population have completed a high school diploma or less as their highest level of education, 32% have completed some college or an associate degree, and 12% have completed a bachelor's degree.
- The median household income within the service area is \$83,055, the lowest of all districts in the SCC Region. Approximately 15% of residents live below the poverty line, the highest poverty rate of all districts in the SCC Region.

Demand and Supply Findings



Demand

- There are 146,952 jobs throughout the service area. The 740 occupations analyzed in this report accounted for 99% of all jobs (145,807) and are projected to grow 4% through 2029.
- There is projected to be 18,152 annual job openings throughout the service area. Of those, 44% (7,935) are for middle-skill occupations.
- Sectors with the highest demand for middle-skill occupations are Health (2,756 annual openings), Business and Entrepreneurship (1,811), and Education and Human Development (632).



Supply

- From 2021 to 2024, AVCCD conferred an annual average of 1,606 career education awards.
- The highest number of awards were conferred in Advanced Manufacturing programs (520 awards), followed by Health (225), and Business and Entrepreneurship (218).
- The Taxonomy of Program (TOP) codes that had the highest number of awards conferred are Aircraft Fabrication (419 awards), Administration of Justice (140), Business Administration (126), Registered Nursing (118), and Child Development/Early Care and Education (104).
- Life Sciences and Biotechnology is the only sector for which AVCCD does not offer programs.



Labor Gap

- Across all occupations and programs, the demand of 18,152 annual job openings and supply of 1,606 awards indicate there is an overall labor gap of 16,546 awards.
- When considering only middle-skill occupations, the gap is smaller (6,329 awards) but still significant.
- Sectors with the largest labor gaps for middle-skill occupations are Health; Business and Entrepreneurship; Advanced Transportation and Logistics; and Education and Human Development

EXECUTIVE SUMMARY, CONTINUED

Antelope Valley Community College District: Labor Market Fast Facts

Labor Market Demand Data Points



740

Occupations



145,807

2024 Jobs



18,152

Annual Openings



5,691

Five-Year Change



4%

Five-Year % Change



\$25.68

Entry-Level Wages

Labor Market Supply Data Points



56

Programs
(TOP Codes)



1,606

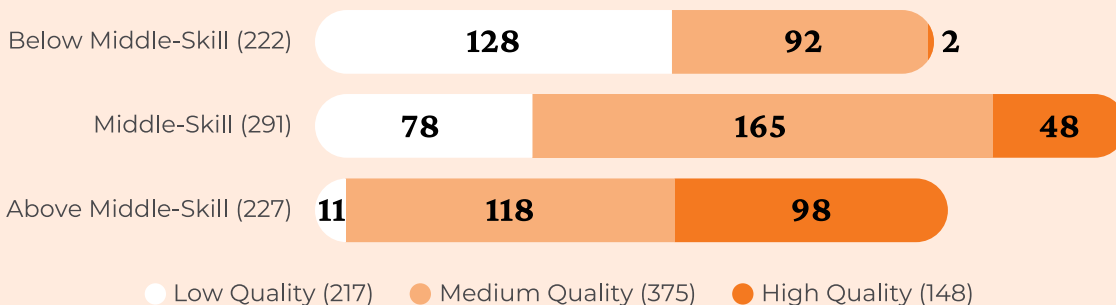
Awards



**Aircraft
Fabrication**

Top Program

Job Quality by Occupational Skill Level



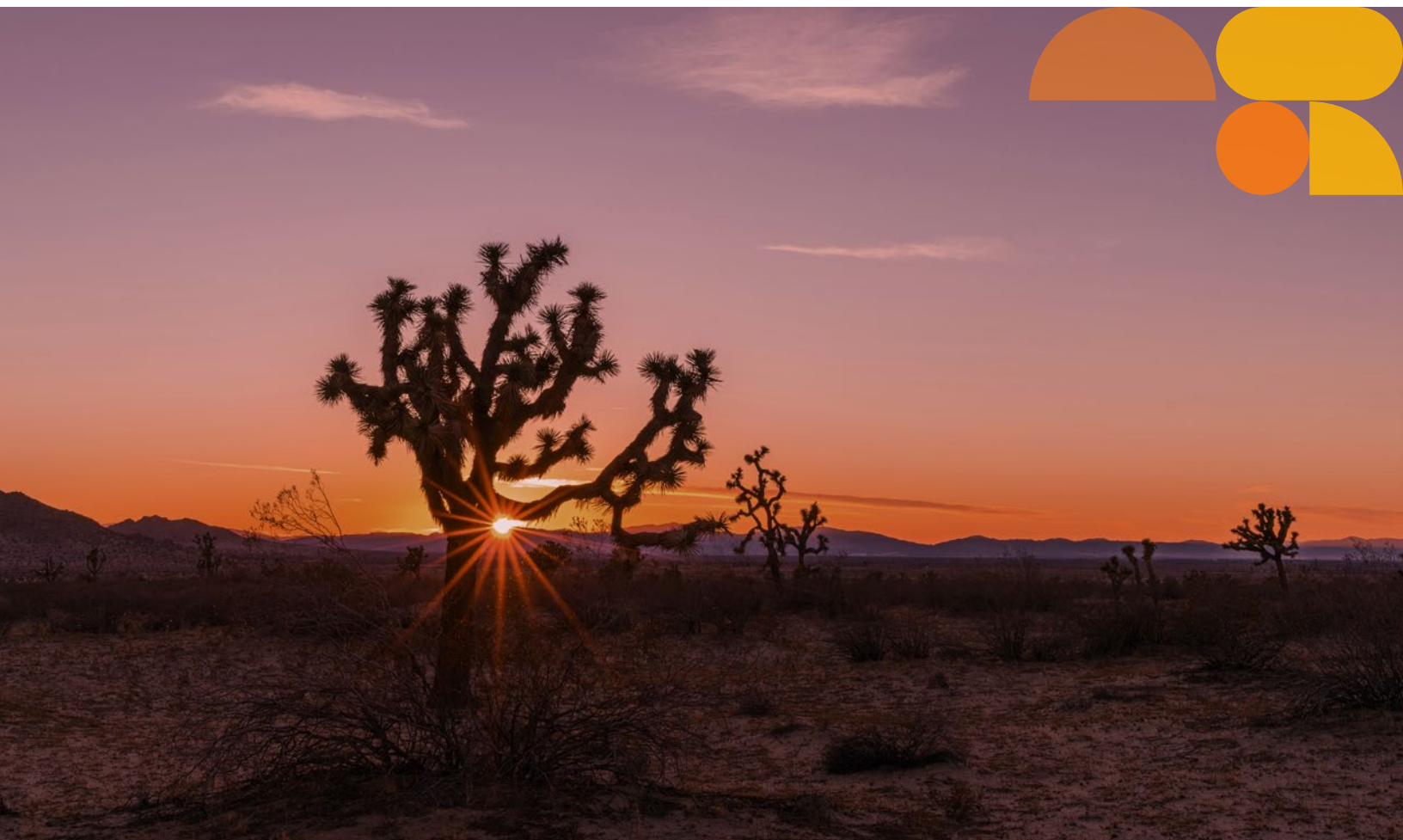
• Introduction

The South Central Coast Center of Excellence for Labor Market Research (SCC COE) has produced six community college District Profiles to assist with collaborative efforts to enhance career education programs and facilitate alignment with labor market opportunities specific to each community college district's service area in the SCC Region, which encompasses four counties stretching from Northern Los Angeles County to San Luis Obispo County. These District Profiles present an assessment of labor market demand and the supply of community college awards (degrees and certificates) from programs aligned with the 12 sectors designated by the California Community Colleges Chancellor's Office (CCCCO).

District Overview

The Antelope Valley Community College District (AVCCD) serves as a hub for accessible, high-quality education in Northern Los Angeles County. The district operates **Antelope Valley College**, which provides a broad spectrum of programs that support transfer pathways, career technical education, workforce development, and student support services.

Strategically located in the Antelope Valley region of Northern Los Angeles County, approximately 70 miles north of downtown Los Angeles, the District connects students to opportunities across the greater Los Angeles and southern Kern County areas while addressing the unique educational and workforce needs of its diverse and growing community. Through strong partnerships with industry, K-12 districts, and community organizations, AVCCD promotes student success, regional economic development, and lifelong learning. AVCCD is also the primary higher education provider in the area, with the next closest community colleges and California State University campuses approximately a one-hour commute (one-way) from AVCCD's main campus in Lancaster.

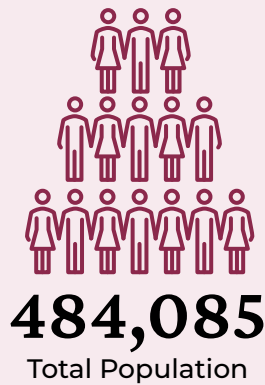


INTRODUCTION, CONTINUED

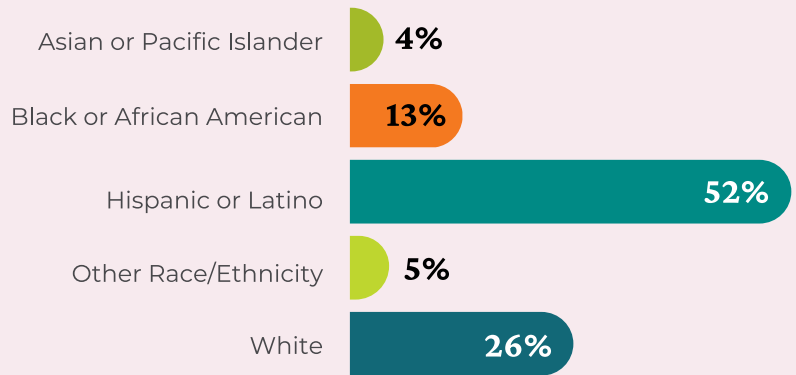
Antelope Valley Community College District: Demographics Fast Facts

The AVCCD service area is home to over 484,000 residents and has the largest non-white population when compared to all districts in the SCC Region. The majority of the population is Hispanic or Latino (52%), followed by white (26%), and Black or African American (13%).

Population

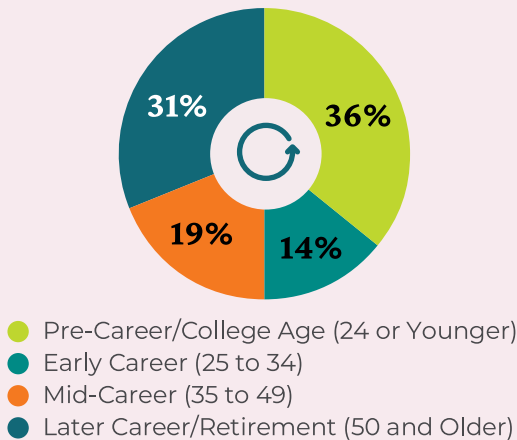


Race and Ethnicity

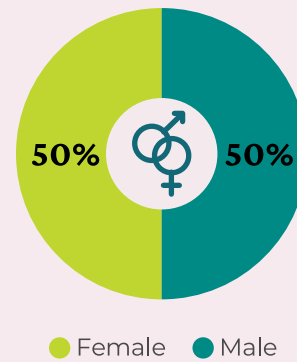


Just over one-third (36%) of AVCCD service area residents are Pre-Career/College Age (24 or Younger) and nearly one-third (31%) are Later Career/Retirement (50 and Older) age. The AVCCD service area is split evenly between women and men.

Age

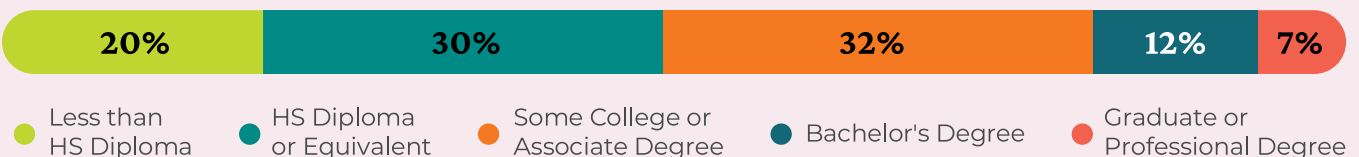


Sex



Half (50%) of AVCCD service area residents have completed a high school diploma or less as their highest level of education, followed by 32% that have completed some college or an associate degree. Only 19% of residents have completed a bachelor's degree or higher, the lowest rate of all SCC Districts.

Educational Attainment



INTRODUCTION, CONTINUED

Antelope Valley Community College District: Demographics Fast Facts

Examining data related to Special Populations shows that 13% of AVCCD service area residents have a disability and 1% of youth are foster youth, both of which are the highest when compared to all SCC Districts. Approximately 6% of the adult population are veterans.

Special Populations



13%

People with Disabilities



1%

Foster Youth



6%

Veterans

When considering household data, 6% of households have limited English proficiency. Approximately 15% of households are single parent households, the highest rate across all SCC Districts.

English Proficiency



6%

Limited English Proficient Households

Single Parent Households



15%

Single Parent Households

The median household income in the AVCCD service area is \$83,055 and 15% of the population is below the poverty line. These figures represent the lowest median household income and highest poverty rate of all districts in the SCC Region. Throughout the service area, 48% of women and 38% of men are not in the labor force; these figures represent the highest percentages of women and men not in the labor force across all SCC Districts.

Economic Stability Indicators



\$83,055

Median Household Income



7%

Below Poverty Line



48%

Women Not in the Labor Force



38%

Men Not in the Labor Force

• Labor Market Analysis

High, Medium, and Low Quality Occupations

This analysis considers the job quality level of occupations using nine criteria that combine traditional labor market indicators with specific measures of job quality. The methodology builds on the framework introduced in the *South Central Coast Labor Market Landscape*¹⁰ and *High-Quality Occupations Profile: Northern Los Angeles*¹¹ reports, which were published by the SCC COE in Fall 2025 and focused exclusively on identifying High-Quality occupations within the region. The analysis in this District Profile expands the framework to classify occupations across three tiers — High, Medium, and Low Quality — providing a more comprehensive view of the district's service area labor market.



Based on the SCC COE's Job Quality methodology and key indicators, the criteria used to classify occupations include:

- **Job Growth and Demand** — traditional labor market indicators such as total employment, projected five-year percentage growth, and the number of annual job openings are used to assess the demand for each occupation.
- **Wages** — wage analysis compares entry-level earnings to established living-wage thresholds, including the Self-Sufficiency Standard (SSS) and the MIT Living Wage for the county in which each district is located.
- **Benefits** — job quality is also measured by the availability of employer-sponsored benefits, specifically the percentage of workers in an occupation who receive employer-provided health insurance.
- **Automation Risk** — occupations are evaluated based on their susceptibility to automation, with greater weight given to jobs with a lower risk of automation.
- **Hours Worked** — typical hours worked are examined to understand the stability and structure of employment within each occupation.
- **Reputation and Ranking** — the analysis also considers whether an occupation is recognized in national rankings such as the U.S. News & World Report Best Jobs list.



LABOR MARKET ANALYSIS, CONTINUED

Together, these indicators provide a multidimensional view of job quality, identifying not only High-Quality jobs but also occupations that may offer moderate or lower levels of job quality across the district service area.

For comparison purposes, each profile provides a breakdown showing the share of middle-skill jobs (those typically requiring a community college education), alongside the share of below middle-skill jobs (those typically requiring a high school diploma or less) and above-middle-skill jobs (those typically requiring a bachelor's degree or higher). The analysis presents the occupational titles and Standard Occupational Classification (SOC) codes assigned to the 796 occupations catalogued by the Bureau of Labor Statistics. Of the 796 occupations, complete data was available for 740 occupations. Also provided are the Taxonomy of Programs (TOP) codes associated with each community college program that align with these occupations.

A Well-Equipped Future Workforce

By highlighting the district's alignment with local economic needs, this report aims to provide a comprehensive look at how the district supports the prosperity of students, as well as the Northern Los Angeles County and South Central Coast regional economies. While regional reports produced by the SCC COE offer valuable insights for broad decision making, this series is designed to go a step further by focusing on individual districts and the counties which they serve.

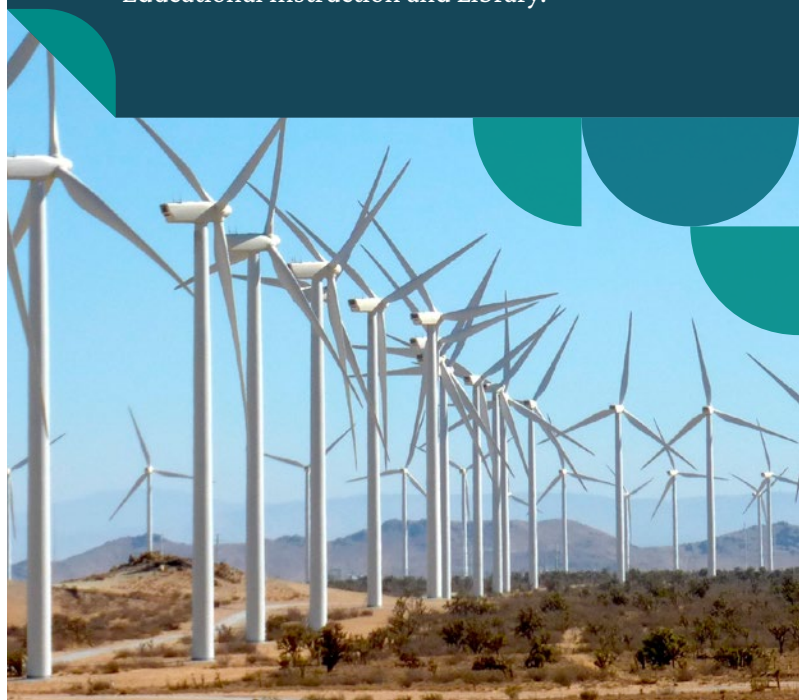
Findings from this District Profile can inform future investments by community college districts and support strategies implemented through the Strong Workforce Program (SWP) Regional Plan, ensuring that students gain the skills and knowledge necessary to thrive in promising careers.

LABOR MARKET SPOTLIGHT

The Labor Market Beyond the Antelope Valley

Though this District Profile focuses on data solely for the AVCCD service area, it is important to note that AVCCD residents commute out of the service area at much higher rates compared to other SCC Region districts. According to Census Bureau data, only 27% of AVCCD residents live and work in the service area and 73% commute outside the service area. The top cities for commuting outside the service area include Los Angeles (primarily communities within the San Fernando Valley), Santa Clarita, Burbank, and Bakersfield. Over 26% of residents commute to those five cities, with nearly 10% commuting to the San Fernando Valley.

When considering data for the San Fernando Valley, there are an additional 1.2 million jobs and over 150,000 annual job openings that AVCCD service area residents can access. Data from Lightcast indicates that the types of jobs for commuters into the San Fernando Valley are for Healthcare Support and Healthcare Practitioners; Arts, Design, and Entertainment; and Protective Service positions.¹² Additionally, there are projected to be over 33,000 annual job openings in Bakersfield from 2024–2029. The types of jobs for commuters into Bakersfield are typically related to Transportation and Material Moving; Office and Administrative Support; and Educational Instruction and Library.



LABOR MARKET ANALYSIS, CONTINUED

Occupational Landscape

The district service area accounted for 146,952 jobs in 2024, representing 14% of all jobs in the South Central Coast Region (nearly 1.05 million jobs).¹³ The number of jobs in the district service area is expected to grow 4% through 2029, resulting in 18,300 projected annual openings due to new job growth and replacement needs. Approximately 49% of the 796 occupations have entry-level wages that exceed the Self-Sufficiency Standard (\$24.03 for Los Angeles County) and 39% have entry-level wages that exceed the 2025 MIT Living Wage (\$27.81 for Los Angeles County).

District Labor Market Key Facts



146,952

Number of Jobs
in 2024



+5,685

5-Year Change
in Jobs through 2029



4%

5-Year Percent
Change in Jobs



18,300

Annual Openings
(2024–2029)



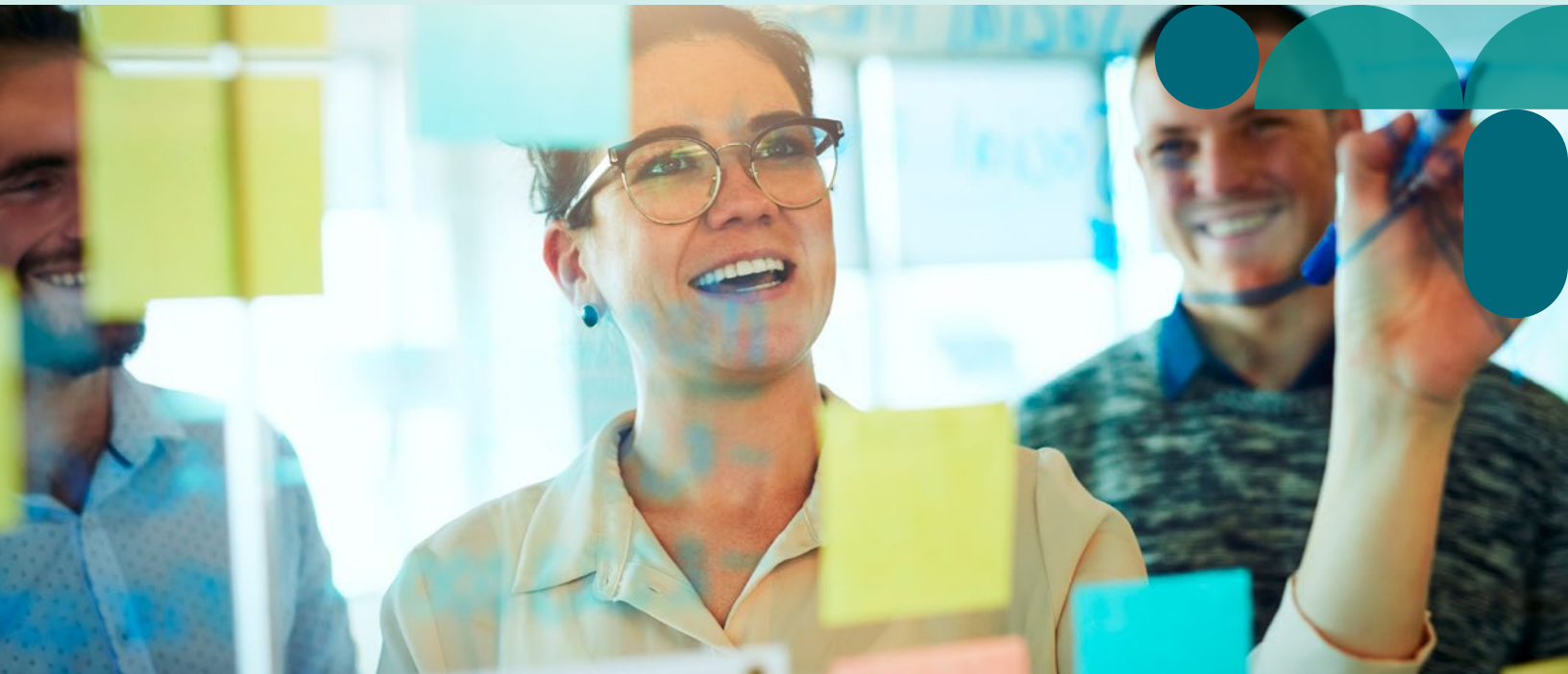
389 of 796

Occupations meet or exceed
the SSS Living Wage
(\$24.03/hour)



314 of 796

Occupations meet or exceed
the MIT Living Wage
(\$27.81/hour)

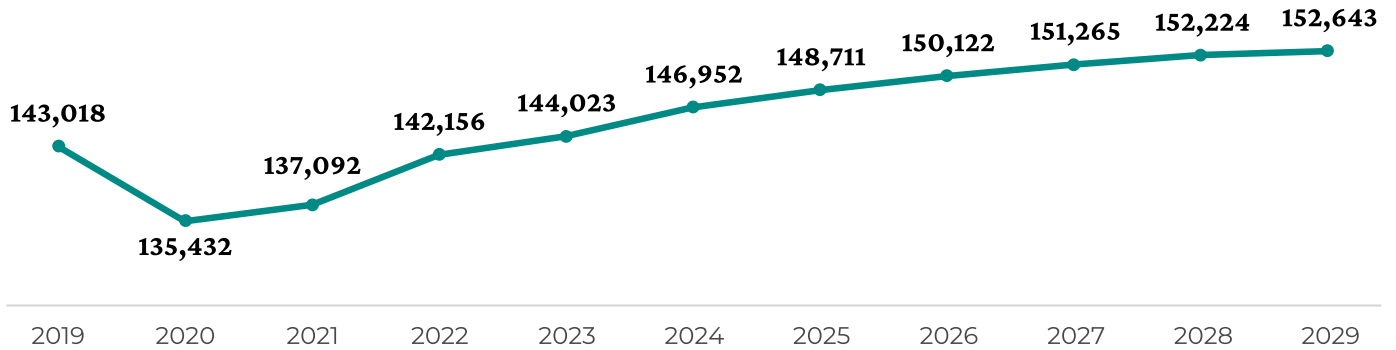


LABOR MARKET ANALYSIS, CONTINUED

Historical and Projected Employment

Between 2019 and 2024, employment in the district service area increased from 143,018 jobs to 146,952 jobs, as shown in Exhibit 1. Employment is projected to increase to 152,643 jobs by 2029, representing the addition of more than 9,500 jobs.

Exhibit 1: Historical Employment and Projected Occupational Demand in the District Service Area, 2019–2029



Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

Jobs by Quality Level

Of the 796 occupations classified by the Bureau of Labor Statistics, complete data was available for 740 occupations. Of those, 51% (375) are Medium Quality, 29% (217) are Low Quality, and 20% (148) are High Quality, as shown in Exhibit 2. These 740 occupations accounted for 99% of all jobs (145,819 jobs) in the district service area. In 2024, the 375 Medium-Quality occupations accounted for 51% (73,688 jobs) of the workforce in the district service area, as shown in Exhibit 3.

Exhibit 2: Number of Occupations by Job Quality Level

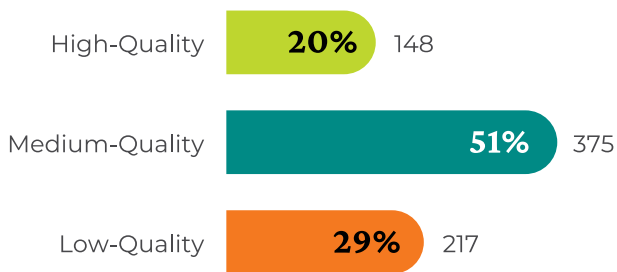
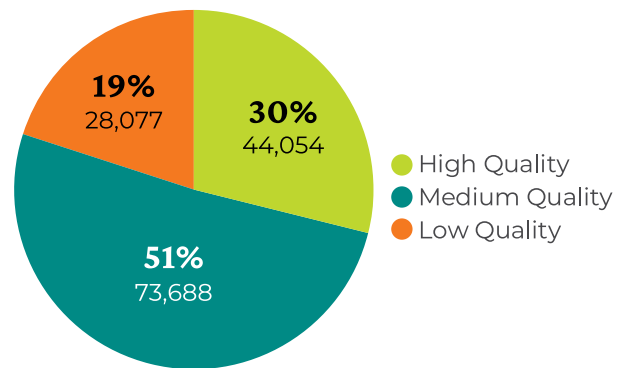


Exhibit 3: Share of 2024 Jobs by Quality Level



Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

LABOR MARKET ANALYSIS, CONTINUED



High-Quality Occupations



148
High-Quality
Occupations



20%
of 740 Occupations
Analyzed

2
Below Middle-Skill

48
Middle-Skill

98
Above Middle-Skill



44,054
Number of
2024 Jobs



3,764
Annual Openings
(2024–2029)



30%
Share of District Service
Area's Total Jobs
in 2024

Across the service area, there are 148 High-Quality occupations, representing 20% of the 740 occupations analyzed in this report. Collectively, these 148 occupations accounted for 44,054 jobs in 2024.

These occupations comprised 30% of all jobs in 2024 and are projected to have 3,764 annual openings each year through 2029. These occupations represent significant opportunities for workforce development, as they are in-demand, provide good wages and benefits, and are typically more stable compared to other occupations. This focused analysis provides a roadmap for addressing the labor market needs of the district service area, thereby contributing to subregional and regional competitiveness and the prosperity of students entering employment from community college programs.

LABOR MARKET ANALYSIS, CONTINUED



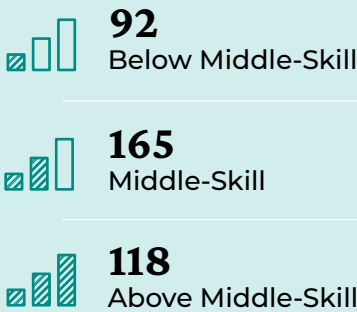
Medium-Quality Occupations



375
Medium-Quality
Occupations



51%
of 740 Occupations
Analyzed



73,688
Number of
2024 Jobs



9,942
Annual Openings
(2024–2029)



51%
Share of District Service
Area's Total Jobs
in 2024

Across the service area, there are 375 Medium-Quality occupations, representing 51% of the 740 occupations analyzed in this report. Collectively, these 375 occupations accounted for 73,688 jobs in 2024.

These occupations comprise 51% of all jobs in 2024 and are projected to have 9,942 annual openings each year through 2029. These Medium-Quality jobs often provide steady employment but with mixed outcomes in terms of wages and demand. While they may not offer the same level of compensation or upward economic mobility as High-Quality occupations, many of these jobs serve as important entry points into the labor market or as stable employment options for workers with a variety of education and experience.

LABOR MARKET ANALYSIS, CONTINUED



Low-Quality Occupations



217
Low-Quality
Occupations



29%
of 740 Occupations
Analyzed

128
Below Middle-Skill

78
Middle-Skill

11
Above Middle-Skill



28,077
Number of
2024 Jobs



4,447
Annual Openings
(2024–2029)



19%
Share of District Service
Area's Total Jobs
in 2024

Across the service area, there are 217 Low-Quality occupations, representing 29% of the 740 occupations analyzed in this report. Collectively, these 217 occupations accounted for 28,077 jobs in 2024, making them an important part of the district service area workforce.

Low-Quality occupations remain an essential component of the regional labor market. In 2024, these occupations accounted for 19% of all jobs and are projected to have 4,447 annual job openings through 2029. While many of these occupations do not meet the wage or job quality thresholds used in this report's methodology, they play a critical role in supporting economic activity and providing employment opportunities across industries. Examining these occupations helps identify workforce demand and informs strategies for workforce development, enabling community colleges and regional partners to better understand why certain occupations are considered Low Quality. Additionally, regional stakeholders can examine these occupations to develop strategies to improve job quality or build pathways to higher-quality positions.

LABOR MARKET ANALYSIS, CONTINUED

Occupations by CCCCCO Sector

The 740 occupations analyzed in this report span the 12 CCCCCO sectors, with the Health sector accounting for 100 occupations, the most of any sector. The Health sector also has the highest projected change in jobs (2,920) and is projected to grow the fastest (12%) across all sectors. The Business and Entrepreneurship sector has the highest number of jobs (27,238) and the Retail, Hospitality, and Tourism sector is projected to have the highest number of annual job openings (3,455). ICT/Digital Media has the highest entry-level hourly wages (\$38.68), but the third-lowest number of 2024 jobs (3,866). Exhibit 4 shows the sectors represented by these 740 occupations, sorted alphabetically by sector.

Exhibit 4: Current Employment, Projected Occupational Demand, and Entry-Level Wages of Occupations by CCCCCO Sector

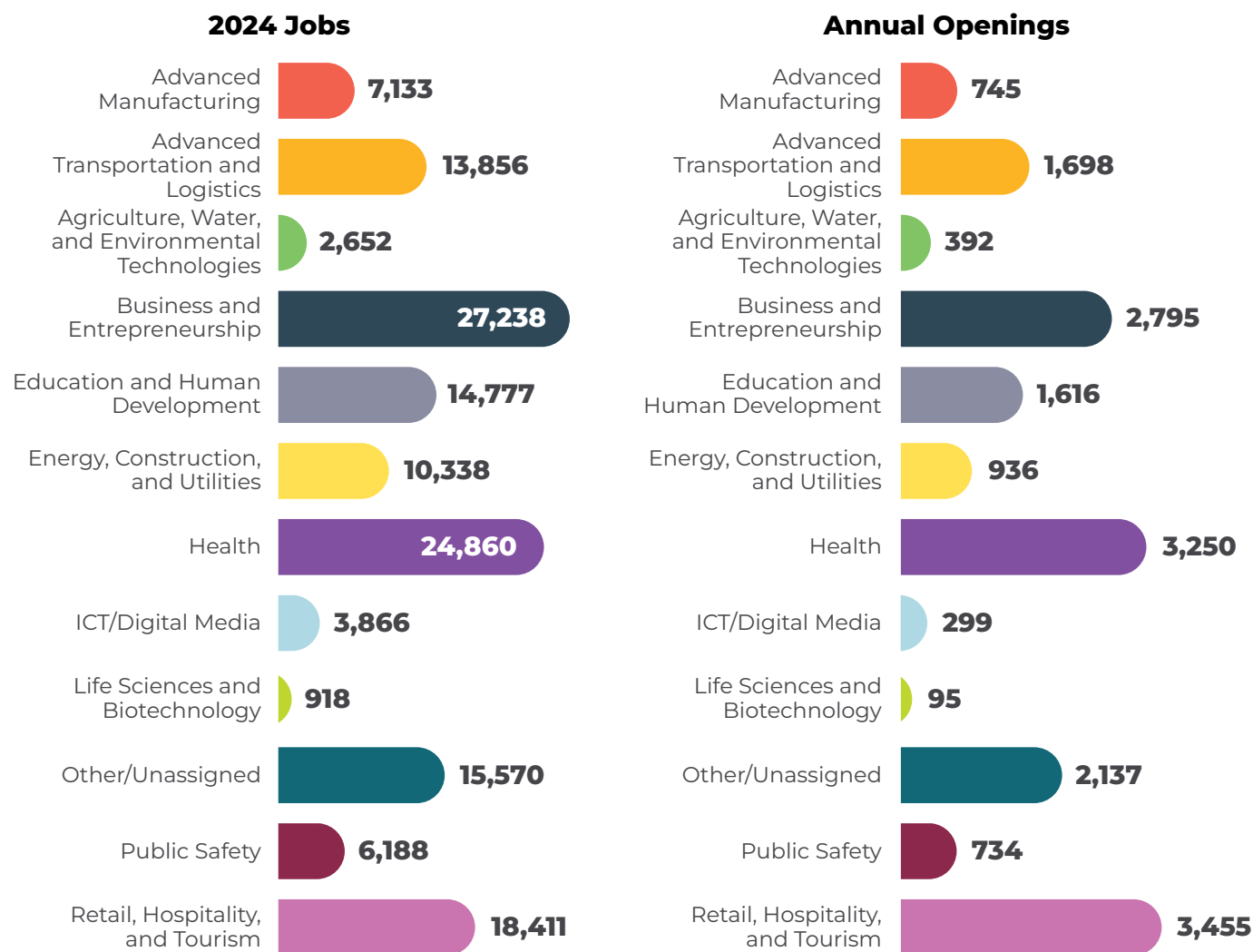
Sector	# of SOC	2024 Jobs	2029 Jobs	5-Year Change	5-Year % Change	Annual Openings	Entry-Level Hourly Wage
Advanced Manufacturing	93	7,133	6,954	(179)	(3%)	745	\$23.53
Advanced Transportation and Logistics	57	13,856	14,291	435	3%	1,698	\$22.25
Agriculture, Water, and Environmental Technologies	33	2,652	2,716	64	2%	392	\$17.34
Business and Entrepreneurship	98	27,238	27,715	477	2%	2,795	\$27.89
Education and Human Development	35	14,777	15,002	225	2%	1,616	\$26.99
Energy, Construction, and Utilities	98	10,338	10,581	243	2%	936	\$25.80
Health	100	24,860	27,780	2,920	12%	3,250	\$29.25
ICT/Digital Media	48	3,866	3,979	113	3%	299	\$38.68
Life Sciences and Biotechnology	8	918	916	(2)	(0.2%)	95	\$22.58
Other/Unassigned	96	15,570	15,720	150	1%	2,137	\$22.68
Public Safety	25	6,188	6,414	226	4%	734	\$34.83
Retail, Hospitality, and Tourism	49	18,411	19,430	1,019	6%	3,455	\$17.94
Total	740	145,807	151,498	5,691	4%	18,152	\$25.68

Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

Exhibit 5 shows the 2024 job counts and projected annual job openings in the district service area for each of the 12 CCCCCO sectors. Business and Entrepreneurship has the highest number of jobs (27,238), while Retail, Hospitality and Tourism has the highest number of job openings (3,455). The Health sector has the second-highest number of jobs (24,860) and job openings (3,250). Conversely, Life Sciences and Biotechnology has the lowest number of jobs (918) and annual job openings (95).

LABOR MARKET ANALYSIS, CONTINUED

Exhibit 5: Total Number of 2024 Jobs and Annual Openings by CCCC Sector in the District Service Area



Supply and Demand by CCCC Sector

In this section, the number of educational awards (degrees and certificates) conferred by AVCCD, otherwise known as supply, is compared to the annual openings (demand) of the 740 occupations analyzed in this report by sector. Examining the supply in relation to demand is crucial to understanding labor gaps and areas of opportunity that can be addressed by educational programs throughout the local and greater region. Labor gaps are defined as the difference between supply and demand. Additionally, important consideration should be given to the number of annual openings and the labor gap for middle-skill occupations (those for which community colleges primarily train).

Though supply data reflects only community college awards and does not include completions from non-community college institutions, AVCCD is the main higher education and training provider in the area. Within the AVCCD service area and across all sectors, there is an overall labor gap of 16,546 awards. When considering only middle-skill occupations, the gap is smaller (6,329) but still significant. These labor gaps represent opportunities for AVCCD to modify or expand existing programs, or create new programs, to meet local labor market needs. Exhibit 6 shows the breakdown of annual openings compared to supply by sector.

LABOR MARKET ANALYSIS, CONTINUED

Although the Retail, Hospitality, and Tourism sector has the highest number of annual job openings (3,455), approximately 87% (3,014) are for below middle-skill occupations, indicating most openings in this sector typically do not require higher education.

The Health sector has the second highest number of annual job openings (3,250). Of those, 85% (2,756) are for middle-skill occupations. However, the supply for this sector is only 225 awards, presenting a substantial labor market gap and suggesting there may be opportunities to expand health programs.

The remainder of this report includes sector-level summary pages that examine the total number of jobs, annual openings, and community college supply for each sector, followed by an analysis of labor market data specifically for middle-skill occupations.

Exhibit 6: Annual Openings by Occupational Skill Level and AVCCD Awards Conferred by CCCCC Sector

Sector	Below Middle-Skill Annual Openings	Middle-Skill Annual Openings	Above Middle-Skill Annual Openings	Total Annual Openings	AVCCD 3-Year Average (2021–2024)
Advanced Manufacturing	387	295	63	745	520
Advanced Transportation and Logistics	1,064	618	16	1,698	95
Agriculture, Water, and Environmental Technologies	294	93	5	392	4
Business and Entrepreneurship	171	1,811	813	2,795	218
Education and Human Development	68	632	916	1,616	143
Energy, Construction, and Utilities	353	486	97	936	54
Health	70	2,756	424	3,250	225
ICT/Digital Media	36	65	198	299	176
Life Sciences and Biotechnology	0	88	7	95	-
Other/Unassigned	1,744	147	246	2,137	2
Public Safety	176	531	27	734	161
Retail, Hospitality, and Tourism	3,014	413	28	3,455	8
Total	7,377	7,935	2,840	18,152	1,606

Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed and California Community Colleges Chancellor's Office Management Information Systems Data Mart. A dash (-) indicates there were no openings or programs in this sector.

Advanced Manufacturing

Labor Market Demand Data Points



93

Occupations



7,133

2024 Jobs



745

Annual Openings



-179

Five-Year Change



-3%

Five-Year % Change



\$23.53

Entry-Level Wages

Labor Market Supply Data Points



6

Programs
(TOP Codes)



520

Awards
(2021-2024)



**Aircraft
Fabrication**

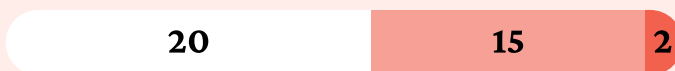
Top Program

Job Quality by Occupational Skill Level

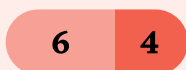
Below Middle-Skill (46)



Middle-Skill (37)



Above Middle-Skill (10)



● Low Quality (59) ● Medium Quality (28) ● High Quality (6)

ADVANCED MANUFACTURING, CONTINUED

Demand

In 2024, there were 7,133 jobs across 93 Advanced Manufacturing occupations in the district service area. Of those, 42% (2,971) are for middle-skill occupations. Of the 745 projected annual openings, 40% (295) are for middle-skill occupations. Exhibit 7 shows the number of jobs, annual openings, five-year employment change, and entry-level hourly wage for the 37 middle-skill occupations within the sector by job quality level.

LABOR MARKET SPOTLIGHT:

Welders, Cutters, Solderers, and Brazers

As noted in Exhibit 7, *Welders, Cutters, Solderers, and Brazers (51-4121)* is considered a Low-Quality occupation. This occupation met only three of the SCC COE's job quality criteria: number of jobs, number of annual openings (demand), and number of hours worked per week. Notably, this occupation has entry-level wages of \$22.55 in the AVCCD service area, which is below the LA County living wage of \$24.03.

When examining online job postings data from 2023–2025 in Northern Los Angeles County, the median advertised salary for *Welders, Cutters, Solderers, and Brazers (51-4121)* was \$57,100 per year (or \$27.45 per hour). Median annual earnings for AVCCD students that exited Welding Technology programs in the 2022–23 academic year were \$35,792 (or \$17.21 per hour), which is lower when compared to the wage data for *Welders, Cutters, Solderers, and Brazers (51-4121)* and employers' advertised wages.

Exhibit 7: Current Employment, Projected Occupational Demand, and Entry-Level Wages for Advanced Manufacturing Middle-Skill Occupations

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
High-Quality Jobs						
Electrical and Electronic Engineering Technologists and Technicians (17-3023)	157	157	0	0%	15	\$37.50
Engineering Technologists and Technicians, Except Drafters, All Other (17-3029)	150	150	0	0%	13	\$36.45
Medium-Quality Jobs						
First-Line Supervisors of Production and Operating Workers (51-1011)	512	506	(6)	(1%)	49	\$26.94
Industrial Machinery Mechanics (49-9041)	260	275	15	6%	25	\$25.93
Machinists (51-4041)	194	195	1	1%	21	\$19.09
Computer Numerically Controlled Tool Operators (51-9161)	167	155	(12)	(7%)	16	\$22.28
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4033)	80	72	(8)	(10%)	8	\$18.49
Mechanical Engineering Technologists and Technicians (17-3027)	30	29	(1)	(3%)	3	\$39.86
Control and Valve Installers and Repairers, Except Mechanical Door (49-9012)	34	35	1	3%	3	\$35.00

ADVANCED MANUFACTURING, CONTINUED

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
Computer Numerically Controlled Tool Programmers (51-9162)	24	25	1	4%	3	\$30.81
Mechanical Drafters (17-3013)	26	24	(2)	(8%)	2	\$29.31
Industrial Engineering Technologists and Technicians (17-3026)	24	25	1	4%	2	\$29.16
Occupational Health and Safety Technicians (19-5012)	18	20	2	11%	2	\$23.55
Electric Motor, Power Tool, and Related Repairers (49-2092)	17	16	(1)	(6%)	2	\$28.00
Electrical and Electronics Drafters (17-3012)	17	16	(1)	(6%)	1	\$27.80
Electro-Mechanical and Mechatronics Technologists and Technicians (17-3024)	7	7	0	0%	1	\$29.51
Calibration Technologists and Technicians (17-3028)	7	7	0	0%	1	\$27.26
Low-Quality Jobs						
Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers (51-2028)	235	225	(10)	(4%)	25	\$17.24
Welders, Cutters, Solderers, and Brazers (51-4121)	254	246	(8)	(3%)	25	\$22.55
Printing Press Operators (51-5112)	236	206	(30)	(13%)	24	\$18.32
Molders, Shapers, and Casters, Except Metal and Plastic (51-9195)	62	65	3	5%	9	\$20.09
Electrical and Electronics Repairers, Commercial and Industrial Equipment (49-2094)	77	76	(1)	(1%)	6	\$28.23
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic (51-4031)	66	60	(6)	(9%)	6	\$19.40
Prepress Technicians and Workers (51-5111)	43	35	(8)	(19%)	5	\$20.16
Chemical Equipment Operators and Tenders (51-9011)	46	46	0	0%	5	\$21.64
Home Appliance Repairers (49-9031)	38	37	(1)	(3%)	3	\$17.90
Maintenance Workers, Machinery (49-9043)	29	31	2	7%	3	\$24.73
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081)	31	32	1	3%	3	\$17.67
Precision Instrument and Equipment Repairers, All Other (49-9069)	24	23	(1)	(4%)	2	\$31.95
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034)	16	14	(2)	(13%)	2	\$20.35
Tool and Die Makers (51-4111)	20	20	0	0%	2	\$26.22
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders (51-4122)	17	15	(2)	(12%)	2	\$18.80
Metal Workers and Plastic Workers, All Other (51-4199)	17	16	(1)	(6%)	2	\$18.49

ADVANCED MANUFACTURING, CONTINUED

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4032)	8	7	(1)	(13%)	1	\$21.17
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic (51-4035)	14	12	(2)	(14%)	1	\$20.63
Ophthalmic Laboratory Technicians (51-9083)	9	9	0	0%	1	\$17.89
Semiconductor Processing Technicians (51-9141)	5	6	1	20%	1	\$17.50
Total	2,971	2,895	(76)	(3%)	295	\$24.48

Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

Supply

From 2021 to 2024, community colleges in the South Central Coast region awarded an average of 772 awards annually across 10 programs within the Advanced Manufacturing sector, as shown in Exhibit 8. AVCCD conferred an average of 520 awards each year, accounting for 67% of all Advanced Manufacturing awards in the SCC Region. The top-producing program at AVCCD was Aircraft Fabrication (0950.50), with an average of 419 awards conferred annually. Notably, all awards in the region for this TOP code were conferred by AVCCD.

LABOR MARKET SPOTLIGHT:

Aerospace Valley

As noted above, AVCCD is the only community college in the region that has conferred awards for Aircraft Fabrication (0950.50). The Antelope Valley is known as a hub for aerospace innovation, flight testing, and manufacturing, and is home to aerospace giants Boeing, Lockheed Martin, and Northrop Grumman, among others. The City of Palmdale is also exploring options for a commercial regional airport that could further drive demand for aerospace and aviation workers in the district service area.⁷

AVCCD helps meet aerospace and aviation workforce needs through its aeronautical and aviation technology, aeronautical non-destructive inspection, aircraft fabrication, airframe manufacturing technology (AFMT), and other programs.⁸ The AFMT program is one of AVCCD's two Baccalaureate Degree Programs (BDP) that provide accessible educational opportunities to local residents and is one of only two BDPs throughout the state relate to aviation and aerospace (the other is offered at West Los Angeles College).⁹

AVCCD students exiting Aeronautical and Aviation Technology (0950.00) programs in the 2022–23 academic year had median annual earnings of \$73,774 (or \$35.46 per hour), which aligns with entry-level wages for *Aircraft Mechanics and Service Technicians (49-3011)* (\$34.40). However, median wages for students exiting Aircraft Fabrication (0950.50) programs are \$45,980 (\$22.10). AVCCD could consider these varying wage outcomes for these programs to better understand the substantial difference in wage outcomes for students.

ADVANCED MANUFACTURING, CONTINUED

Exhibit 8: Advanced Manufacturing Awards (Degrees and Certificates)

Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Aeronautical and Aviation Technology (0950.00)	41	49
Aircraft Fabrication (0950.50)	419	419
Electronics and Electric Technology (0934.00)	17	26
Engineering Technology, General (requires Trigonometry) (0924.00)	-	13
Fashion Production (1303.30)	-	79
Industrial Electronics (0934.20)	11	11
Machining and Machine Tools (0956.30)	-	3
Manufacturing and Industrial Technology (0956.00)	7	18
Mechanical Drafting (0953.40)	-	10
Welding Technology (0956.50)	25	144
Total	520	772

Source: California Community Colleges Chancellor's Office Management Information Systems Data Mart. A dash (-) indicates no programs were offered under this TOP code and a zero (0) indicates a program is offered, but the three-year average of awards equaled less than one.



Advanced Transportation and Logistics

Labor Market Demand Data Points



57

Occupations



13,856

2024 Jobs



1,698

Annual Openings



435

Five-Year Change



3%

Five-Year % Change



\$22.25

Entry-Level Wages

Labor Market Supply Data Points



4

Programs
(TOP Codes)



95

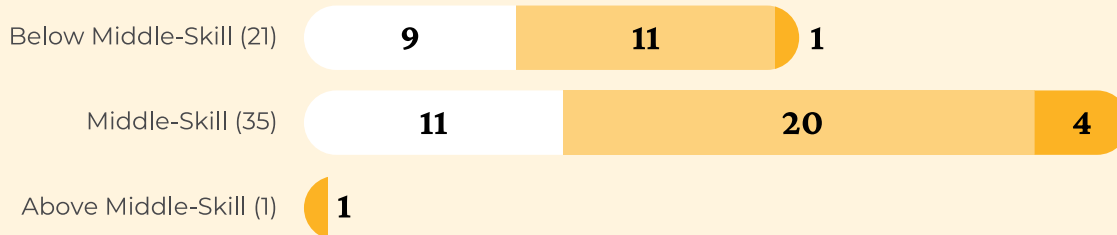
Awards
(2021-2024)



**Automotive
Collision Repair**

Top Program

Job Quality by Occupational Skill Level



● Low Quality (20) ● Medium Quality (31) ● High Quality (6)

ADVANCED TRANSPORTATION AND LOGISTICS, CONTINUED

Demand

In 2024, there were 13,856 jobs across 57 Advanced Transportation and Logistics occupations in the district service area. Of those, 44% (6,149) are for middle-skill occupations. Of the 1,698 projected annual openings, 36% (618) are for middle-skill occupations. Exhibit 9 shows the number of jobs, annual openings, five-year employment change, and entry-level hourly wage for the 35 middle-skill occupations within the sector by job quality level.

LABOR MARKET SPOTLIGHT:

Automotive Service Technicians and Mechanics

As noted in Exhibit 9, *Automotive Service Technicians and Mechanics (49-3023)* is considered a Low-Quality occupation. This occupation met only three of the SCC COE's job quality criteria: number of jobs, number of annual openings (demand), and number of hours worked per week. Notably, this occupation has entry-level wages of \$18.91 in the AVCCD service area, which is significantly below the LA County living wage of \$24.03. However, this wage data includes all *Automotive Service Technicians and Mechanics (49-3023)*, ranging from entry-level lube technicians to experienced master mechanics.

When examining online job postings data from 2023–2025 in Northern Los Angeles County, the median advertised salary for *Automotive Service Technicians and Mechanics (49-3023)* was \$55,000 per year (or \$26.44 per hour). Median annual earnings for AVCCD students that exited Automotive Technology programs in the 2022–23 academic year were \$34,178 (or \$16.43 per hour), which is lower than the wage data for *Automotive Service Technicians and Mechanics (49-3023)* and advertised wages in online job postings.

Similarly, *Automotive Body and Related Repairers (49-3021)* is also considered a Low-Quality occupation for the same reasons as *Automotive Service Technicians and Mechanics (49-3023)*. Online job postings data for this occupation in Northern Los Angeles County from 2023–2025 shows that the median advertised salary was \$77,100 (or \$37.07 per hour). This high advertised wage could be the result of employers advertising large salary ranges. For example, Gerber Collision in Santa Clarita had several postings for auto body technicians that had an advertised range of \$75,000 to \$125,000. These high advertised wage contrast with the wage AVCCD students earned after exiting Automotive Collision Repair (0949.00) programs (\$33,424).

Exhibit 9: Current Employment, Projected Occupational Demand, and Entry-Level Wages for Advanced Transportation and Logistics Middle-Skill Occupations

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
High-Quality Jobs						
Aircraft Mechanics and Service Technicians (49-3011)	529	563	34	6%	48	\$34.40
First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)	493	505	12	2%	43	\$33.81
Logisticians (13-1081)	250	262	12	5%	24	\$33.15
Commercial Pilots (53-2012)	78	81	3	4%	10	\$38.23
Medium-Quality Jobs						
Heavy and Tractor-Trailer Truck Drivers (53-3032)	1,360	1,399	39	3%	151	\$21.47
Bus Drivers, Transit and Intercity (53-3052)	393	409	16	4%	52	\$24.29

ADVANCED TRANSPORTATION AND LOGISTICS, CONTINUED

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors (53-1047)	455	466	11	2%	48	\$24.11
Production, Planning, and Expediting Clerks (43-5061)	400	402	2	1%	41	\$22.75
Bus and Truck Mechanics and Diesel Engine Specialists (49-3031)	224	229	5	2%	20	\$25.17
Transportation, Storage, and Distribution Managers (11-3071)	222	227	5	2%	19	\$36.83
Mobile Heavy Equipment Mechanics, Except Engines (49-3042)	156	158	2	1%	14	\$31.39
Cargo and Freight Agents (43-5011)	100	106	6	6%	11	\$22.33
Avionics Technicians (49-2091)	108	115	7	6%	10	\$39.86
Air Traffic Controllers (53-2021)	56	58	2	4%	5	\$51.81
Aircraft Structure, Surfaces, Rigging, and Systems Assemblers (51-2011)	23	30	7	30%	4	\$30.69
Airfield Operations Specialists (53-2022)	19	20	1	5%	2	\$27.47
Locomotive Engineers (53-4011)	22	22	0	0%	2	\$30.99
Subway and Streetcar Operators (53-4041)	9	10	1	11%	1	\$25.55
Transportation Inspectors (53-6051)	19	21	2	11%	2	\$29.26
Crane and Tower Operators (53-7021)	19	20	1	5%	2	\$29.96
Aerospace Engineering and Operations Technologists and Technicians (17-3021)	5	6	1	20%	1	\$34.24
Electrical and Electronics Installers and Repairers, Transportation Equipment (49-2093)	9	9	0	0%	1	\$37.22
Aircraft Cargo Handling Supervisors (53-1041)	12	13	1	8%	1	\$25.52
Rail Yard Engineers, Dinkey Operators, and Hostlers (53-4013)	2	2	0	0%	0	\$29.83
Low-Quality Jobs						
Automotive Service Technicians and Mechanics (49-3023)	857	858	1	0%	75	\$18.91
Automotive Body and Related Repairers (49-3021)	213	210	(3)	(1%)	19	\$21.86
Railroad Conductors and Yardmasters (53-4031)	31	31	0	0%	3	\$27.60
Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)	16	16	0	0%	2	\$18.13
Recreational Vehicle Service Technicians (49-3092)	13	12	(1)	(8%)	2	\$19.96
Rail Car Repairers (49-3043)	11	12	1	9%	1	\$25.23
Motorboat Mechanics and Service Technicians (49-3051)	12	12	0	0%	1	\$16.95
Motorcycle Mechanics (49-3052)	7	6	(1)	(14%)	1	\$20.95

ADVANCED TRANSPORTATION AND LOGISTICS, CONTINUED

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
Railroad Brake, Signal, and Switch Operators and Locomotive Firers (53-4022)	2	2	0	0%	0	\$26.69
Electronic Equipment Installers and Repairers, Motor Vehicles (49-2096)	6	5	(1)	(17%)	0	\$16.76
Rail Transportation Workers, All Other (53-4099)	4	4	0	0%	0	\$21.05
Total	6,149	6,315	166	3%	618	\$26.18

Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

Supply

From 2021 to 2024, community colleges in the South Central Coast region awarded an average of 442 awards annually across six programs aligned within the Advanced Transportation and Logistics sector, as shown in Exhibit 10. AVCCD conferred an average of 95 awards each year, accounting for 21% of all Advanced Transportation and Logistics awards in the SCC Region. The top-producing program at AVCCD was Automotive Collision Repair (0949.00), with an average of 38 awards conferred annually, accounting for almost half (49%) of all awards for this program in the region.

Exhibit 10: Advanced Transportation and Logistics Awards (Degrees and Certificates)

Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Automotive Collision Repair (0949.00)	38	78
Automotive Technology (0948.00)	8	296
Aviation Airframe Mechanics (0950.10)	25	25
Aviation Powerplant Mechanics (0950.20)	24	24
Diesel Technology (0947.00)	-	17
Truck and Bus Driving (0947.50)	-	2
Total	95	442

Source: California Community Colleges Chancellor's Office Management Information Systems Data Mart

Agriculture, Water, and Environmental Technologies

Labor Market Demand Data Points



33

Occupations



2,652

2024 Jobs



392

Annual Openings



64

Five-Year Change



2%

Five-Year % Change



\$17.34

Entry-Level Wages

Labor Market Supply Data Points



2

Programs
(TOP Codes)



4

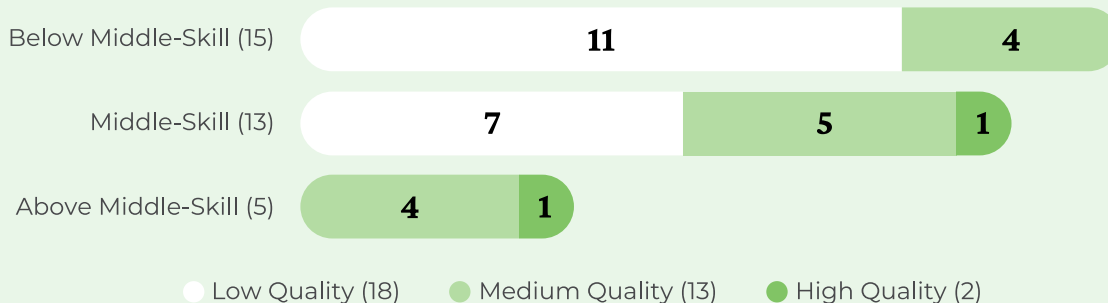
Awards
(2021-2024)



Horticulture

Top Program

Job Quality by Occupational Skill Level



AGRICULTURE, WATER, AND ENVIRONMENTAL TECHNOLOGIES , CONTINUED

Demand

In 2024, there were 2,652 jobs across 33 Agriculture, Water, and Environmental Technologies occupations in the district service area. Of those, 26% (681) are for middle-skill occupations. Of the 392 projected annual openings, 24% (93) are for middle-skill occupations. Exhibit 11 shows the number of jobs, annual openings, five-year employment change, and entry-level hourly wage for the 13 middle-skill occupations within the sector by job quality level.

Exhibit 11: Current Employment, Projected Occupational Demand, and Entry-Level Wages for Agriculture, Water, and Environmental Technologies Middle-Skill Occupations

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
High-Quality Jobs						
Veterinary Technologists and Technicians (29-2056)	36	42	6	17%	5	\$22.15
Medium-Quality Jobs						
Farmers, Ranchers, and Other Agricultural Managers (11-9013)	116	117	1	1%	13	\$13.19
Forest and Conservation Technicians (19-4071)	86	88	2	2%	11	\$27.62
Veterinary Assistants and Laboratory Animal Caretakers (31-9096)	42	49	7	17%	10	\$18.50
Animal Trainers (39-2011)	59	66	7	12%	10	\$16.12
Floral Designers (27-1023)	44	45	1	2%	6	\$18.10
Low-Quality Jobs						
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers (37-1012)	159	154	(5)	(3%)	17	\$17.71
Forest and Conservation Workers (45-4011)	27	27	0	0%	6	\$16.59
Hazardous Materials Removal Workers (47-4041)	45	46	1	2%	5	\$19.19
Food Science Technicians (19-4013)	25	24	(1)	(4%)	4	\$21.50
First-Line Supervisors of Farming, Fishing, and Forestry Workers (45-1011)	24	25	1	4%	4	\$18.04
Agricultural Technicians (19-4012)	8	8	0	0%	1	\$19.68
Farm Equipment Mechanics and Service Technicians (49-3041)	10	11	1	10%	1	\$19.40
Total	681	702	21	3%	93	\$18.61

Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

AGRICULTURE, WATER, AND ENVIRONMENTAL TECHNOLOGIES , CONTINUED

Supply

From 2021 to 2024, community colleges in the South Central Coast region awarded an average of 305 awards annually across 13 programs within the Agriculture, Water, and Environmental Technologies sector, as shown in Exhibit 12. AVCCD conferred an average of four awards each year, accounting for approximately 1% of all Agriculture, Water, and Environmental Technologies awards in the SCC Region. Horticulture (0109.00) and Landscape Design and Maintenance (0109.10) are the only programs for which awards were conferred in this sector.

Exhibit 12: Agriculture, Water, and Environmental Technologies Awards (Degrees and Certificates)

Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Agricultural Pest Control Adviser and Operator (Licensed) (0103.10)	-	2
Agricultural Power Equipment Technology (0116.00)	-	0
Agriculture Business, Sales and Service (0112.00)	-	21
Agriculture Technology and Sciences, General (0101.00)	-	11
Animal Science (0102.00)	-	66
Environmental Technology (0303.00)	-	29
Floriculture / Floristry (0109.20)	-	4
Horticulture (0109.00)	3	13
Landscape Design and Maintenance (0109.10)	1	65
Nursery Technology (0109.30)	-	1
Plant Science (0103.00)	-	32
Veterinary Technician (Licensed) (0102.10)	-	50
Viticulture, Enology, and Wine Business (0104.00)	-	11
Total	4	305

Source: California Community Colleges Chancellor's Office Management Information Systems Data Mart. A dash (-) indicates no programs were offered under this TOP code and a zero (0) indicates a program is offered, but the three-year average of awards equaled less than one.

Business and Entrepreneurship

Labor Market Demand Data Points



98

Occupations



27,238

2024 Jobs



2,795

Annual Openings



477

Five-Year Change



2%

Five-Year % Change



\$27.89

Entry-Level Wages

Labor Market Supply Data Points



7

Programs
(TOP Codes)



218

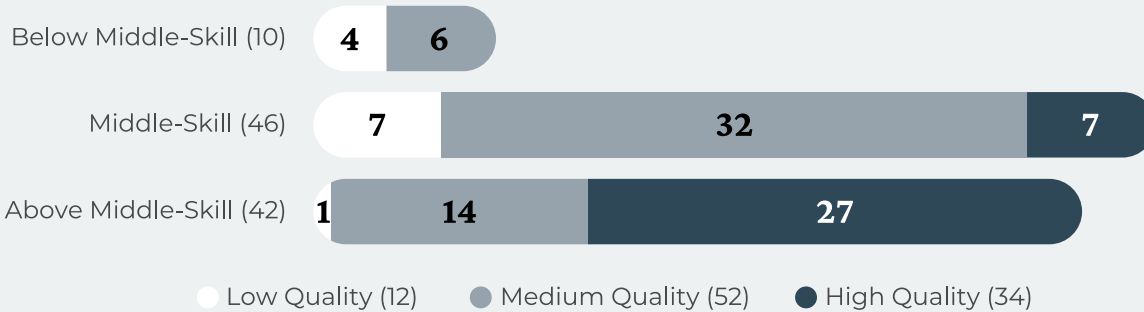
Awards
(2021-2024)



**Business
Administration**

Top Program

Job Quality by Occupational Skill Level



BUSINESS AND ENTREPRENEURSHIP, CONTINUED

Demand

In 2024, there were 27,238 jobs across 98 Business and Entrepreneurship occupations in the district service area. Of those, 59% (16,054) are for middle-skill occupations. Of the 2,795 projected annual openings, 65% (1,811) are for middle-skill occupations. Exhibit 13 shows the number of jobs, annual openings, five-year employment change, and entry-level hourly wage for the 46 middle-skill occupations within the sector by job quality level.

Exhibit 13: Current Employment, Projected Occupational Demand, and Entry-Level Wages for Business and Entrepreneurship Middle-Skill Occupations

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
High-Quality Jobs						
General and Operations Managers (11-1021)	1,835	1,919	84	5%	167	\$39.57
First-Line Supervisors of Office and Administrative Support Workers (43-1011)	1,167	1,159	(8)	(1%)	112	\$28.72
Executive Secretaries and Executive Administrative Assistants (43-6011)	407	409	2	0%	43	\$33.54
Buyers and Purchasing Agents (13-1028)	372	380	8	2%	37	\$28.17
Administrative Services Managers (11-3012)	253	263	10	4%	23	\$43.43
Facilities Managers (11-3013)	124	128	4	3%	11	\$38.82
Claims Adjusters, Examiners, and Investigators (13-1031)	155	148	(7)	(5%)	10	\$34.00
Medium-Quality Jobs						
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive (43-6014)	1,481	1,496	15	1%	169	\$21.37
Customer Service Representatives (43-4051)	1,053	1,046	(7)	(1%)	142	\$19.02
Bookkeeping, Accounting, and Auditing Clerks (43-3031)	1,069	1,049	(20)	(2%)	122	\$22.20
Manicurists and Pedicurists (39-5092)	747	860	113	15%	113	\$16.62
Hairdressers, Hairstylists, and Cosmetologists (39-5012)	675	768	93	14%	111	\$15.09
Receptionists and Information Clerks (43-4171)	656	703	47	7%	100	\$17.83
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products (41-4012)	606	574	(32)	(5%)	53	\$22.72
Skincare Specialists (39-5094)	238	274	36	15%	43	\$16.76
Real Estate Sales Agents (41-9022)	396	408	12	3%	36	\$18.28
Property, Real Estate, and Community Association Managers (11-9141)	308	301	(7)	(2%)	25	\$19.86
Sales and Related Workers, All Other (41-9099)	191	190	(1)	(1%)	25	\$18.17
Word Processors and Typists (43-9022)	223	185	(38)	(17%)	24	\$22.90
Barbers (39-5011)	123	139	16	13%	17	\$9.86

BUSINESS AND ENTREPRENEURSHIP, CONTINUED

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
Insurance Sales Agents (41-3021)	209	210	1	0%	17	\$20.43
Cost Estimators (13-1051)	189	186	(3)	(2%)	16	\$30.25
First-Line Supervisors of Non-Retail Sales Workers (41-1012)	181	170	(11)	(6%)	14	\$17.59
Payroll and Timekeeping Clerks (43-3051)	141	132	(9)	(6%)	14	\$20.23
Real Estate Brokers (41-9021)	125	127	2	2%	11	\$24.88
Human Resources Assistants, Except Payroll and Timekeeping (43-4161)	97	95	(2)	(2%)	11	\$22.73
Order Clerks (43-4151)	80	72	(8)	(10%)	9	\$18.63
Property Appraisers and Assessors (13-2028)	93	89	(4)	(4%)	8	\$28.56
Bill and Account Collectors (43-3011)	80	78	(2)	(3%)	8	\$20.92
Insurance Claims and Policy Processing Clerks (43-9041)	64	61	(3)	(5%)	6	\$19.86
Advertising Sales Agents (41-3011)	47	44	(3)	(6%)	5	\$21.07
Makeup Artists, Theatrical and Performance (39-5091)	14	17	3	21%	3	\$28.93
Funeral Home Managers (11-9171)	11	13	2	18%	1	\$33.11
Title Examiners, Abstractors, and Searchers (23-2093)	15	15	0	0%	1	\$27.98
Embalmers (39-4011)	5	6	1	20%	1	\$28.40
Brokerage Clerks (43-4011)	11	10	(1)	(9%)	1	\$30.34
Insurance Appraisers, Auto Damage (13-1032)	2	1	(1)	(50%)	0	\$26.99
New Accounts Clerks (43-4141)	2	1	(1)	(50%)	0	\$23.09
Statistical Assistants (43-9111)	3	3	0	0%	0	\$29.35
Low-Quality Jobs						
Office Clerks, General (43-9061)	2,344	2,299	(45)	(2%)	274	\$18.69
Data Entry Keyers (43-9021)	92	83	(9)	(10%)	10	\$18.95
File Clerks (43-4071)	76	72	(4)	(5%)	9	\$17.93
Tax Preparers (13-2082)	30	31	1	3%	4	\$16.27
Tellers (43-3071)	34	29	(5)	(15%)	3	\$20.10
Loan Interviewers and Clerks (43-4131)	26	23	(3)	(12%)	2	\$21.86
Credit Authorizers, Checkers, and Clerks (43-4041)	4	4	0	0%	0	\$19.46
Total	16,054	16,270	216	1%	1,811	\$23.79

Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

BUSINESS AND ENTREPRENEURSHIP, CONTINUED

Supply

From 2021 to 2024, community colleges in the South Central Coast region awarded an average of 3,263 awards annually across 16 programs within the Business and Entrepreneurship sector, as shown in Exhibit 14. AVCCD conferred an average of 218 awards each year, accounting for approximately 7% of all Business and Entrepreneurship awards in the SCC Region. The top-producing program at AVCCD was Business Administration (0505.00), with an average of 126 awards conferred annually.

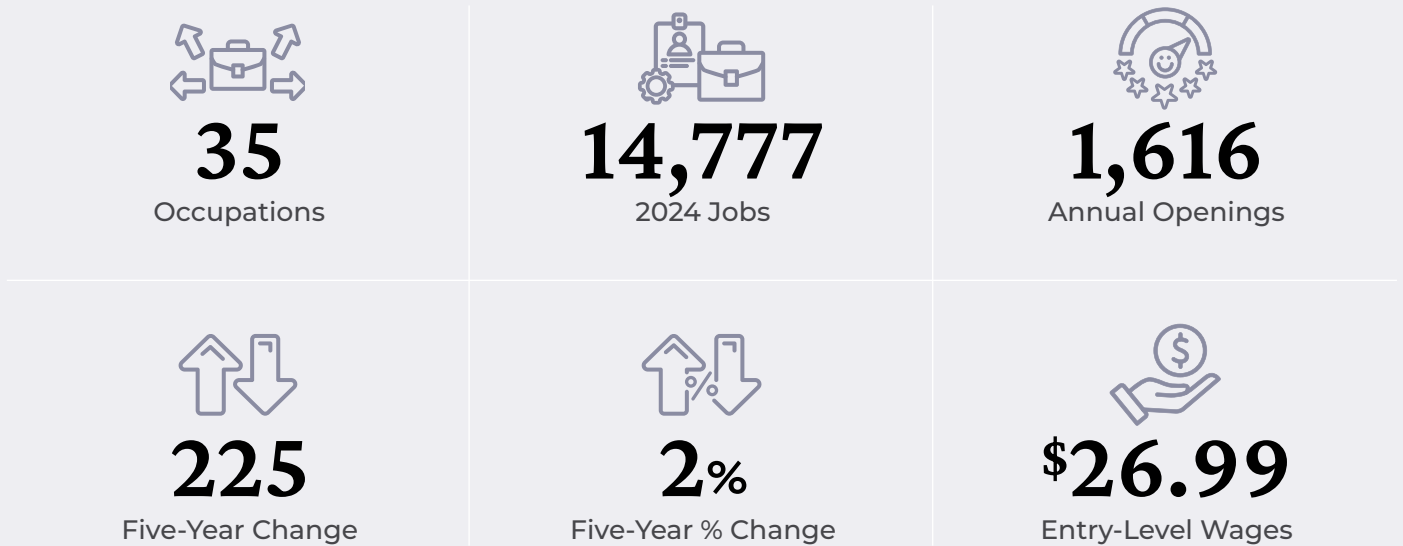
Exhibit 14: Business and Entrepreneurship Awards (Degrees and Certificates)

Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Accounting (0502.00)	17	545
Banking and Finance (0504.00)	-	5
Business Administration (0505.00)	126	1,308
Business and Commerce, General (0501.00)	43	613
Business Management (0506.00)	1	308
Cosmetology and Barbering (3007.00)	-	64
Customer Service (0518.00)	-	5
E-Commerce (Business emphasis) (0509.70)	-	5
International Business and Trade (0508.00)	-	6
Legal Office Technology (0514.10)	-	12
Management Development and Supervision (0506.30)	-	8
Marketing and Distribution (0509.00)	0	77
Other Business and Management (0599.00)	-	200
Real Estate (0511.00)	31	54
Sales and Salesmanship (0509.40)	-	11
Small Business and Entrepreneurship (0506.40)	0	42
Total	218	3,263

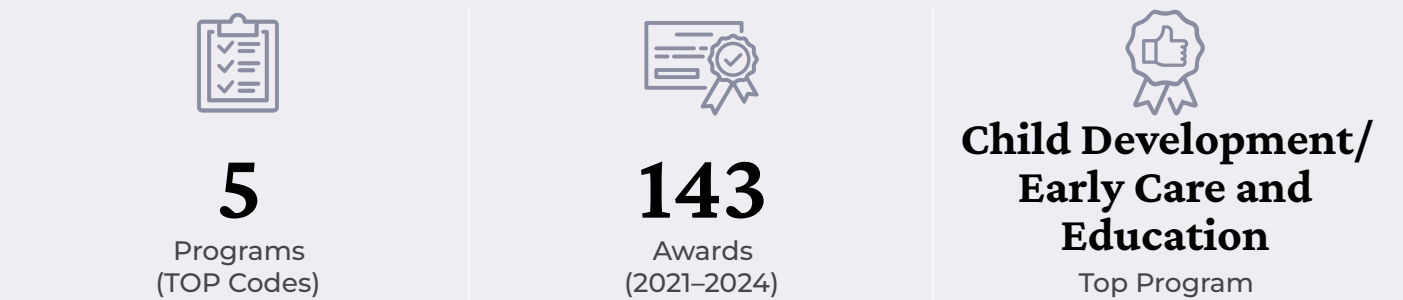
Source: California Community Colleges Chancellor's Office Management Information Systems Data Mart. A dash (-) indicates no programs were offered under this TOP code and a zero (0) indicates a program is offered, but the three-year average of awards equaled less than one.

Education and Human Development

Labor Market Demand Data Points



Labor Market Supply Data Points



Job Quality by Occupational Skill Level



EDUCATION AND HUMAN DEVELOPMENT, CONTINUED

Demand

In 2024, there were 14,777 jobs across 35 Education and Human Development occupations in the district service area. Of those, 30% (4,403) are for middle-skill occupations. Of the 1,616 projected annual openings, 39% (632) are for middle-skill occupations. Exhibit 15 shows the number of jobs, annual openings, five-year employment change, and entry-level hourly wage for the five middle-skill occupations within the sector by job quality level.

Exhibit 15: Current Employment, Projected Occupational Demand, and Entry-Level Wages for Education and Human Development Middle-Skill Occupations

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
Medium-Quality Jobs						
Childcare Workers (39-9011)	1,966	1,828	(138)	(7%)	333	\$15.43
Teaching Assistants, Except Postsecondary (25-9045)	1,682	1,708	26	2%	209	\$17.83
Preschool Teachers, Except Special Education (25-2011)	627	643	16	3%	74	\$18.06
Teaching Assistants, Postsecondary (25-9044)	72	72	0	0%	9	\$17.93
Kindergarten Teachers, Except Special Education (25-2012)	56	58	2	4%	7	\$28.75
Total	4,403	4,309	(94)	(2%)	632	\$16.93

Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

Supply

From 2021 to 2024, community colleges in the South Central Coast region awarded an average of 1,030 awards annually across 14 programs within the Education and Human Development sector, as shown in Exhibit 16. AVCCD conferred an average of 143 awards each year, accounting for approximately 14% of all Education and Human Development awards in the SCC Region. The top-producing program at AVCCD was Child Development/Early Care and Education (1305.00), with an average of 104 awards conferred annually.

Exhibit 16: Education and Human Development Awards (Degrees and Certificates)

Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Child and Adolescent Development (1305.10)	-	119
Child Development Administration and Management (1305.80)	8	12
Child Development/Early Care and Education (1305.00)	104	705
Children with Special Needs (1305.20)	-	10
Coaching (0835.60)	-	1
Educational Aide (Teacher Assistant) (0802.00)	6	60

EDUCATION AND HUMAN DEVELOPMENT, CONTINUED

Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Educational Aide (Teacher Assistant), Bilingual (0802.10)	-	0
Family Studies (1308.00)	-	22
Infants and Toddlers (1305.90)	-	21
Other Education (0899.00)	-	1
Preschool Age Children (1305.40)	-	22
Recreation (0836.00)	-	24
Sign Language Interpreting (0850.10)	21	26
The School Age Child (1305.50)	4	7
Total	143	1,030

Source: California Community Colleges Chancellor's Office Management Information Systems Data Mart. A dash (-) indicates no programs were offered under this TOP code and a zero (0) indicates a program is offered, but the three-year average of awards equaled less than one.



Energy, Construction and Utilities

Labor Market Demand Data Points



98

Occupations



10,338

2024 Jobs



936

Annual Openings



243

Five-Year Change



2%

Five-Year % Change



\$25.80

Entry-Level Wages

Labor Market Supply Data Points



3

Programs
(TOP Codes)



54

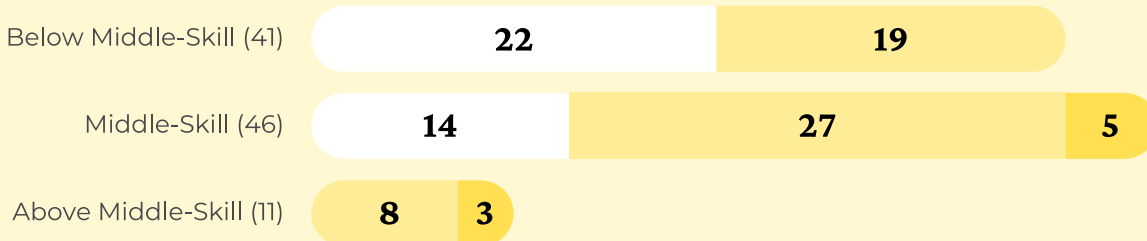
Awards
(2021-2024)



**Environmental
Control Technology**

Top Program

Job Quality by Occupational Skill Level



● Low Quality (36) ● Medium Quality (54) ● High Quality (8)

ENERGY, CONSTRUCTION AND UTILITIES, CONTINUED

Demand

In 2024, there were 10,338 jobs across 98 Energy, Construction, and Utilities occupations in the district service area. Of those, 50% (5,161) are for middle-skill occupations. Of the 936 projected annual openings, 52% (486) are for middle-skill occupations. Exhibit 17 shows the number of jobs, annual openings, five-year employment change, and entry-level hourly wage for the 46 middle-skill occupations within the sector by job quality level.

Exhibit 17: Current Employment, Projected Occupational Demand, and Entry-Level Wages for Energy, Construction, and Utilities Middle-Skill Occupations

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
High-Quality Jobs						
Operating Engineers and Other Construction Equipment Operators (47-2073)	300	311	11	4%	28	\$30.01
Water and Wastewater Treatment Plant and System Operators (51-8031)	216	226	10	5%	23	\$28.61
Construction and Building Inspectors (47-4011)	137	140	3	2%	16	\$32.47
Electrical Power-Line Installers and Repairers (49-9051)	120	127	7	6%	11	\$44.90
Civil Engineering Technologists and Technicians (17-3022)	64	66	2	3%	6	\$30.02
Medium-Quality Jobs						
Carpenters (47-2031)	1,041	1,039	(2)	(0%)	84	\$21.94
Electricians (47-2111)	564	598	34	6%	57	\$25.29
First-Line Supervisors of Construction Trades and Extraction Workers (47-1011)	604	619	15	2%	51	\$32.66
Plumbers, Pipefitters, and Steamfitters (47-2152)	455	475	20	4%	43	\$24.75
Heating, Air Conditioning, and Refrigeration Mechanics and Installers (49-9021)	326	345	19	6%	32	\$25.10
Solar Photovoltaic Installers (47-2231)	87	106	19	22%	13	\$23.84
Sheet Metal Workers (47-2211)	87	89	2	2%	8	\$26.34
Cabinetmakers and Bench Carpenters (51-7011)	90	81	(9)	(10%)	8	\$19.16
Stationary Engineers and Boiler Operators (51-8021)	69	70	1	1%	7	\$26.23
Glaziers (47-2121)	60	62	2	3%	6	\$25.80
Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022)	63	55	(8)	(13%)	6	\$25.94
Power Plant Operators (51-8013)	64	54	(10)	(16%)	6	\$38.67
Structural Iron and Steel Workers (47-2221)	50	53	3	6%	5	\$23.90
Architectural and Civil Drafters (17-3011)	45	44	(1)	(2%)	4	\$27.51
Telecommunications Line Installers and Repairers (49-9052)	49	43	(6)	(12%)	4	\$29.03
Surveying and Mapping Technicians (17-3031)	23	24	1	4%	3	\$22.35

ENERGY, CONSTRUCTION AND UTILITIES, CONTINUED

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay (49-2095)	32	32	0	0%	3	\$42.84
Explosives Workers, Ordnance Handling Experts, and Blasters (47-5032)	24	24	0	0%	2	\$38.61
Power Distributors and Dispatchers (51-8012)	13	14	1	8%	2	\$50.00
Drafters, All Other (17-3019)	15	14	(1)	(7%)	1	\$26.44
Environmental Engineering Technologists and Technicians (17-3025)	8	8	0	0%	1	\$25.36
Paving, Surfacing, and Tamping Equipment Operators (47-2071)	14	15	1	7%	1	\$28.10
Pile Driver Operators (47-2072)	16	16	0	0%	1	\$35.04
Insulation Workers, Mechanical (47-2132)	9	9	0	0%	1	\$29.18
Elevator and Escalator Installers and Repairers (47-4021)	17	17	0	0%	1	\$38.65
Radio, Cellular, and Tower Equipment Installers and Repairers (49-2021)	9	9	0	0%	1	\$28.30
Nuclear Power Reactor Operators (51-8011)	4	4	0	0%	0	\$50.68
Low-Quality Jobs						
Installation, Maintenance, and Repair Workers, All Other (49-9099)	247	245	(2)	(1%)	24	\$20.06
Wind Turbine Service Technicians (49-9081)	41	62	21	51%	9	\$28.21
Brickmasons and Blockmasons (47-2021)	78	78	0	0%	6	\$22.94
Security and Fire Alarm Systems Installers (49-2098)	36	36	0	0%	4	\$22.67
Audiovisual Equipment Installers and Repairers (49-2097)	24	22	(2)	(8%)	2	\$22.59
Stonemasons (47-2022)	14	13	(1)	(7%)	1	\$23.63
Reinforcing Iron and Rebar Workers (47-2171)	13	13	0	0%	1	\$20.75
Earth Drillers, Except Oil and Gas (47-5023)	6	6	0	0%	1	\$23.88
Refractory Materials Repairers, Except Brickmasons (49-9045)	12	9	(3)	(25%)	1	\$25.74
Commercial Divers (49-9092)	5	5	0	0%	1	\$18.75
Woodworkers, All Other (51-7099)	10	10	0	0%	1	\$16.98
Terrazzo Workers and Finishers (47-2053)	0	0	0	0%	0	\$18.45
Model Makers, Wood (51-7031)	0	0	0	0%	0	\$15.45
Patternmakers, Wood (51-7032)	0	0	0	0%	0	\$19.05
Total	5,161	5,288	127	2%	486	\$26.66

Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

ENERGY, CONSTRUCTION AND UTILITIES, CONTINUED

Supply

From 2021 to 2024, community colleges in the South Central Coast region awarded an average of 330 awards annually across 13 programs within the Energy, Construction, and Utilities sector, as shown in Exhibit 18. AVCCD conferred an average of 54 awards each year, accounting for approximately 16% of all Energy, Construction, and Utilities awards in the SCC Region. The top-producing program at AVCCD was Electrical (0952.20), with an average of 27 awards conferred annually, accounting for over half (51%) of all awards for this TOP code in the SCC Region.

Exhibit 18: Energy, Construction, and Utilities Awards (Degrees and Certificates)

Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Architectural Drafting (0953.10)	-	32
Architecture and Architectural Technology (0201.00)	-	26
Carpentry (0952.10)	-	0
Civil and Construction Management Technology (0957.00)	-	27
Construction Crafts Technology (0952.00)	-	22
Construction Inspection (0957.20)	-	15
Drafting Technology (0953.00)	7	40
Electrical (0952.20)	27	53
Environmental Control Technology (0946.00)	20	28
Painting, Decorating, and Flooring (0952.70)	-	2
Plumbing, Pipefitting and Steamfitting (0952.30)	-	0
Surveying (0957.30)	-	19
Water and Wastewater Technology (0958.00)	-	66
Total	54	330

Source: California Community Colleges Chancellor's Office Management Information Systems Data Mart. A dash (-) indicates no programs were offered under this TOP code and a zero (0) indicates a program is offered, but the three-year average of awards equaled less than one.



Health

Labor Market Demand Data Points



100

Occupations



24,860

2024 Jobs



3,250

Annual Openings



2,920

Five-Year Change



12%

Five-Year % Change



\$29.25

Entry-Level Wages

Labor Market Supply Data Points



8

Programs
(TOP Codes)



225

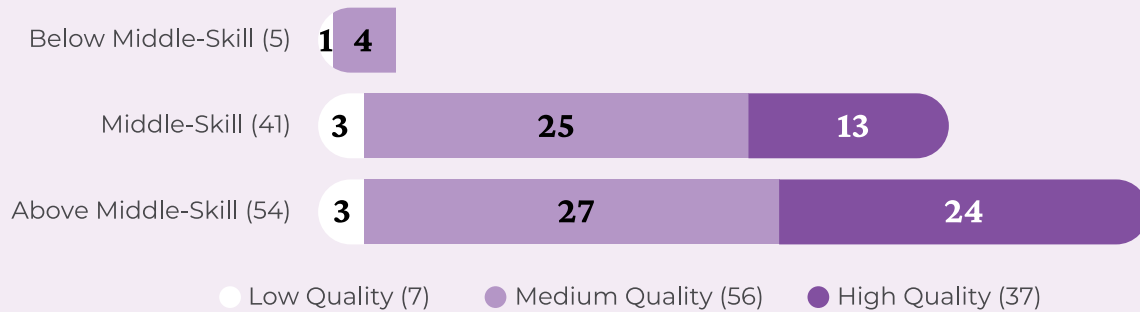
Awards
(2021-2024)



Registered Nursing

Top Program

Job Quality by Occupational Skill Level



HEALTH, CONTINUED

Demand

In 2024, there were 24,860 jobs across 100 Health occupations in the district service area. Of those, 78% (19,391) are for middle-skill occupations. Of the 3,250 projected annual openings, 85% (2,756) are for middle-skill occupations. Exhibit 19 shows the number of jobs, annual openings, five-year employment change, and entry-level hourly wage for the 41 middle-skill occupations within the sector by job quality level.

Exhibit 19: Current Employment, Projected Occupational Demand, and Entry-Level Wages for Health Middle-Skill Occupations

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
High-Quality Jobs						
Registered Nurses (29-1141)	3,245	3,463	218	7%	219	\$51.70
Medical Assistants (31-9092)	1078	1227	149	14%	178	\$18.78
Licensed Practical and Licensed Vocational Nurses (29-2061)	912	984	72	8%	90	\$31.64
Radiologic Technologists and Technicians (29-2034)	207	230	23	11%	16	\$37.31
Community Health Workers (21-1094)	121	134	13	11%	15	\$23.01
Medical Records Specialists (29-2072)	178	190	12	7%	15	\$21.76
Dental Hygienists (29-1292)	174	184	10	6%	14	\$29.29
Physical Therapist Assistants (31-2021)	67	75	8	12%	12	\$35.43
Surgical Technologists (29-2055)	133	148	15	11%	11	\$31.59
Respiratory Therapists (29-1126)	163	171	8	5%	9	\$44.67
Diagnostic Medical Sonographers (29-2032)	82	89	7	9%	6	\$34.94
Cardiovascular Technologists and Technicians (29-2031)	70	70	0	0%	4	\$31.08
Occupational Therapy Assistants (31-2011)	28	32	4	14%	4	\$33.41
Medium-Quality Jobs						
Home Health and Personal Care Aides (31-1128)	7,287	8,659	1,372	19%	1,438	\$16.75
Nursing Assistants (31-1131)	925	1,000	75	8%	150	\$20.98
Medical Secretaries and Administrative Assistants (43-6013)	1,102	1,164	62	6%	127	\$19.44
Social and Human Service Assistants (21-1093)	791	879	88	11%	101	\$21.90
Dental Assistants (31-9091)	430	447	17	4%	63	\$21.47
Pharmacy Technicians (29-2052)	587	613	26	4%	60	\$21.06
Health Technologists and Technicians, All Other (29-2099)	470	532	62	13%	48	\$23.10

HEALTH, CONTINUED

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
Massage Therapists (31-9011)	272	324	52	19%	48	\$16.66
Healthcare Support Workers, All Other (31-9099)	169	178	9	5%	24	\$21.93
Emergency Medical Technicians (29-2042)	159	172	13	8%	15	\$18.72
Medical Equipment Preparers (31-9093)	80	85	5	6%	12	\$22.91
Phlebotomists (31-9097)	69	72	3	4%	10	\$21.88
Psychiatric Technicians (29-2053)	65	80	15	23%	9	\$21.18
Dietetic Technicians (29-2051)	54	56	2	4%	7	\$17.64
Opticians, Dispensing (29-2081)	73	75	2	3%	7	\$22.22
Paramedics (29-2043)	93	100	7	8%	6	\$29.02
Psychiatric Aides (31-1133)	38	40	2	5%	6	\$18.80
Physical Therapist Aides (31-2022)	30	30	0	0%	5	\$16.55
Ophthalmic Medical Technicians (29-2057)	26	28	2	8%	4	\$17.97
Healthcare Practitioners and Technical Workers, All Other (29-9099)	59	63	4	7%	4	\$20.46
Health Information Technologists and Medical Registrars (29-9021)	33	36	3	9%	3	\$31.08
Magnetic Resonance Imaging Technologists (29-2035)	25	26	1	4%	2	\$40.72
Nuclear Medicine Technologists (29-2033)	10	10	0	0%	1	\$60.54
Surgical Assistants (29-9093)	16	17	1	6%	1	\$24.02
Medical Dosimetrists (29-2036)	2	3	1	50%	0	\$22.95
Low-Quality Jobs						
Medical Transcriptionists (31-9094)	46	44	(2)	(4%)	9	\$17.39
Dental Laboratory Technicians (51-9081)	17	17	0	0%	2	\$19.41
Occupational Therapy Aides (31-2012)	5	5	0	0%	1	\$17.11
Total	19,391	21,752	2,361	12%	2,756	\$25.64

Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

HEALTH, CONTINUED

Supply

From 2021 to 2024, community colleges in the South Central Coast region awarded an average of 1,987 awards annually across 27 programs within the Health sector, as shown in Exhibit 20. AVCCD conferred an average of 225 awards each year, accounting for approximately 11% of all Health awards in the SCC Region. The top-producing program at AVCCD was Registered Nursing (1230.10), with an average of 118 awards conferred annually. Additionally, AVCCD is the only community college in the region that conferred awards for Respiratory Care/Therapy (1210.00)

LABOR MARKET SPOTLIGHT:

Respiratory Care/Therapy

Currently, AVCCD is the only community college in the region that offers a Respiratory Care/Therapy (1210.00) program. As shown above, *Respiratory Therapists (29-1126)* is a High-Quality occupation and has some of the highest entry-level wages in the district service area (\$44.67). AVCCD's Baccalaureate Degree Program (BDP) in respiratory care was approved in 2024 and is one of 11 BDPs related to respiratory care and therapy throughout the state.⁴ The rise in the number of respiratory care BDPs is part of a larger national trend to increase education requirements for *Respiratory Therapists (29-1126)* to a bachelor's degree instead of the current associate degree requirement. Over the last 15 years, the American Association of Respiratory Care (AARC) has been advocating for a bachelor's degree to be the minimum education required.⁵ In 2021, the California Society for Respiratory Care came out in favor of a bachelor's degree minimum education requirement by 2030.⁶ AVCCD's BDP in respiratory care will help students meet these evolving education requirements.

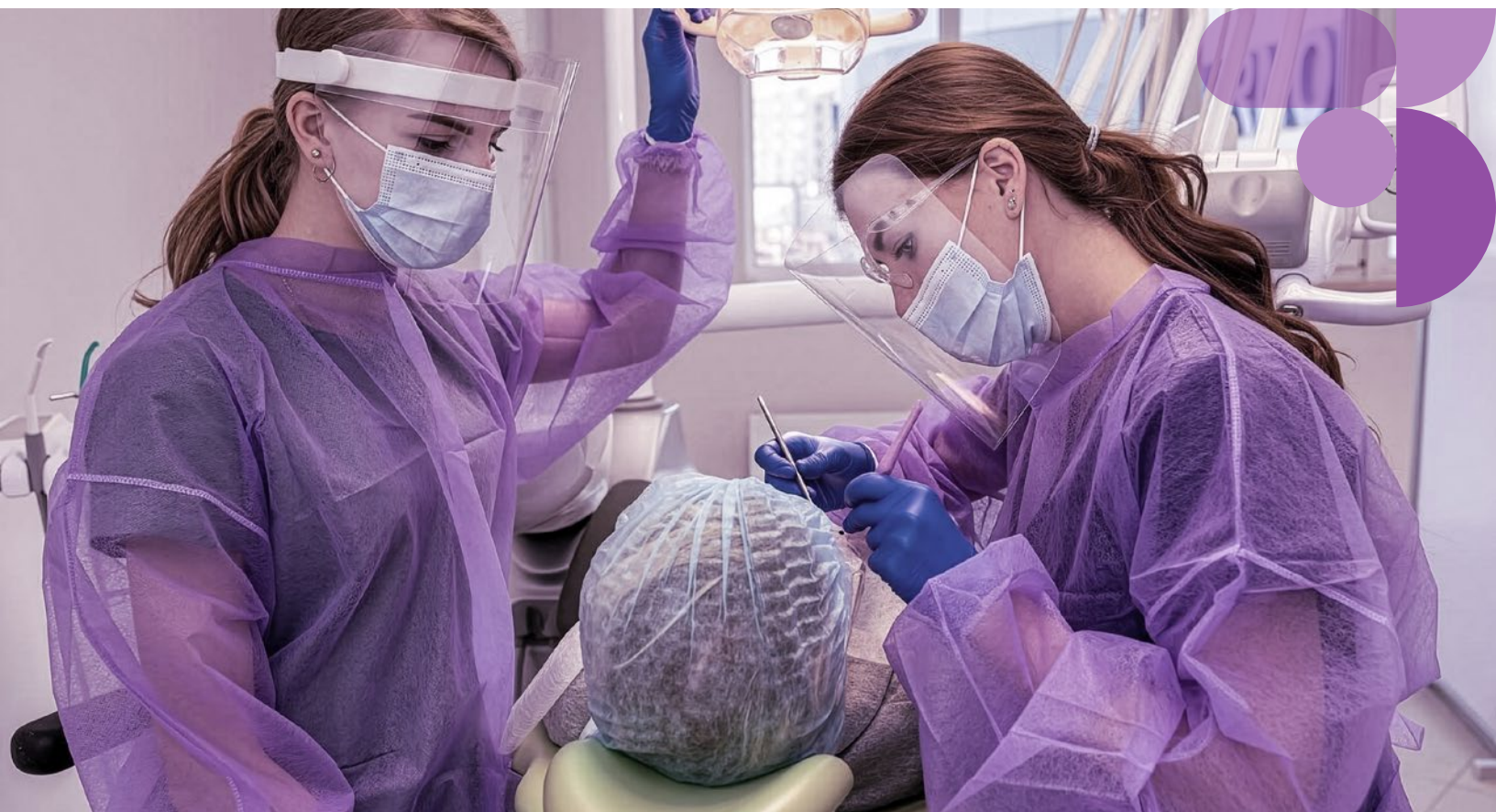
Exhibit 20: Health Awards (Degrees and Certificates)

Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Administrative Medical Assisting (1208.20)	17	42
Alcohol and Controlled Substances (2104.40)	6	175
Athletic Training and Sports Medicine (1228.00)	-	7
Certified Nurse Assistant (1230.30)	-	59
Clinical Medical Assisting (1208.10)	21	21
Dental Assistant (1240.10)	-	71
Dental Hygienist (1240.20)	-	17
Electrocardiography (1215.00)	-	21
Emergency Medical Services (1250.00)	-	295
Health Information Coding (1223.10)	-	38
Health Information Technology (1223.00)	-	74
Health Occupations, General (1201.00)	-	132
Home Health Aide (1230.80)	-	17
Hospital Central Service Technician (1209.00)	-	3

HEALTH, CONTINUED

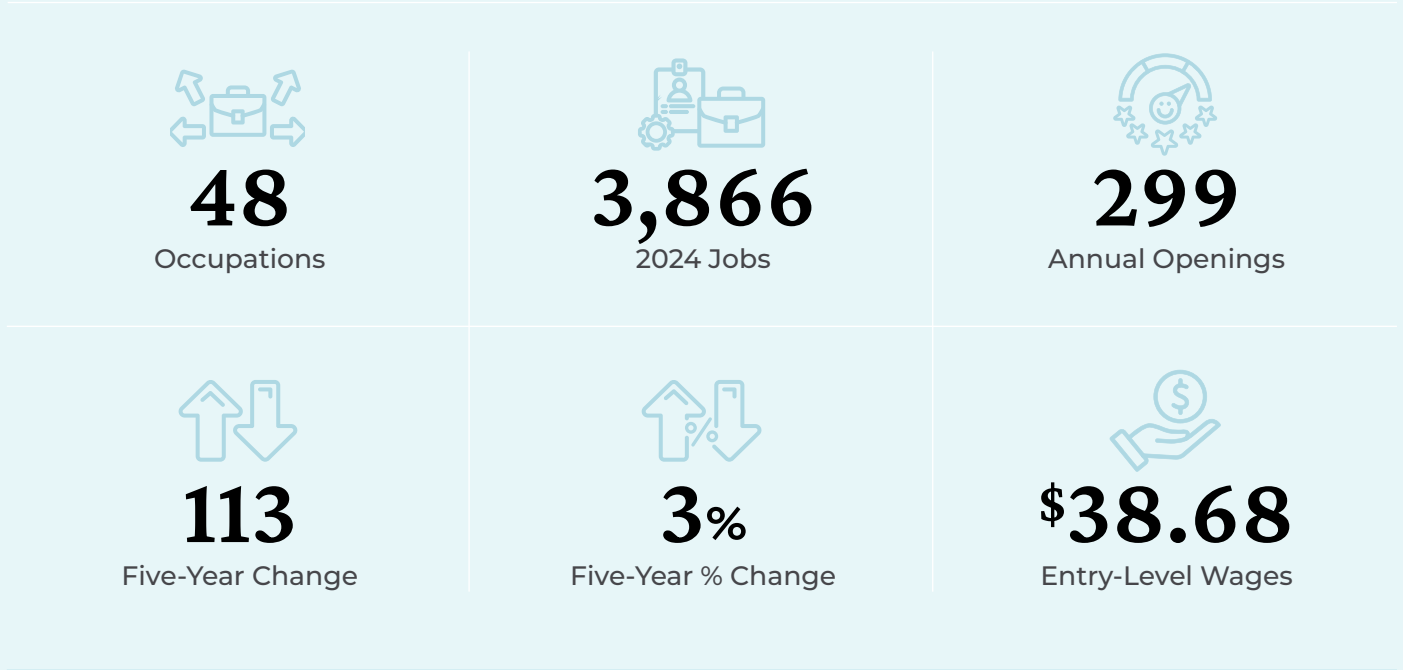
Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Licensed Vocational Nursing (1230.20)	19	130
Medical Assisting (1208.00)	19	63
Medical Laboratory Technology (1205.00)	-	15
Medical Office Technology (0514.20)	-	55
Nutrition, Foods, and Culinary Arts (1306.00)	-	43
Optical Technology (1219.00)	-	1
Other Health Occupations (1299.00)	-	1
Paramedic (1251.00)	-	67
Phlebotomy (1205.10)	-	45
Psychiatric Technician (1239.00)	-	59
Radiologic Technology (1225.00)	9	48
Registered Nursing (1230.10)	118	472
Respiratory Care/Therapy (1210.00)	16	16
Total	225	1,987

Source: California Community Colleges Chancellor's Office Management Information Systems Data Mart. A dash (-) indicates no programs were offered under this TOP code and a zero (0) indicates a program is offered, but the three-year average of awards equaled less than one.



Information and Communication Technologies (ICT)/Digital Media

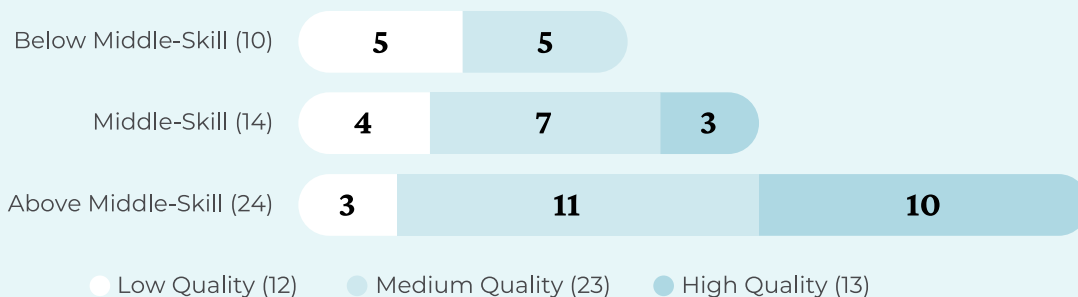
Labor Market Demand Data Points



Labor Market Supply Data Points



Job Quality by Occupational Skill Level



INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT)/DIGITAL MEDIA, CONTINUED

Demand

In 2024, there were 3,866 jobs across 48 ICT/Digital Media occupations in the district service area. Of those, 23% (888) are for middle-skill occupations. Of the 299 projected annual openings, 22% (65) are for middle-skill occupations. Exhibit 21 shows the number of jobs, annual openings, five-year employment change, and entry-level hourly wage for the 14 middle-skill occupations within the sector by job quality level.

Exhibit 21: Current Employment, Projected Occupational Demand, and Entry-Level Wages for ICT/Digital Media Middle-Skill Occupations

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
High-Quality Jobs						
Computer User Support Specialists (15-1232)	281	282	1	0%	19	\$27.89
Network and Computer Systems Administrators (15-1244)	151	150	(1)	(1%)	8	\$40.68
Computer Network Architects (15-1241)	53	54	1	2%	3	\$49.08
Medium-Quality Jobs						
Photographers (27-4021)	122	121	(1)	(1%)	11	\$16.25
Web and Digital Interface Designers (15-1255)	70	69	(1)	(1%)	5	\$31.81
Audio and Video Technicians (27-4011)	47	50	3	6%	5	\$21.98
Computer Network Support Specialists (15-1231)	59	60	1	2%	4	\$27.86
Actors (27-2011)	24	26	2	8%	3	\$22.41
Web Developers (15-1254)	33	32	(1)	(3%)	2	\$26.89
Broadcast Technicians (27-4012)	7	8	1	14%	1	\$21.48
Low-Quality Jobs						
Sound Engineering Technicians (27-4014)	32	33	1	3%	3	\$23.07
Choreographers (27-2032)	4	4	0	0%	1	\$19.80
Desktop Publishers (43-9031)	2	2	0	0%	0	\$20.85
Camera and Photographic Equipment Repairers (49-9061)	3	3	0	0%	0	\$22.85
Total	888	894	6	1%	65	\$29.25

Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT)/DIGITAL MEDIA, CONTINUED

Supply

From 2021 to 2024, community colleges in the South Central Coast region awarded an average of 1,058 awards annually across 27 programs within the ICT/Digital Media sector, as shown in Exhibit 22. AVCCD conferred an average of 176 awards each year, accounting for approximately 17% of all ICT/Digital Media awards in the SCC Region. The top-producing program at AVCCD was Computer Graphics and Digital Imagery (0614.60), with an average of 30 awards conferred annually.

LABOR MARKET SPOTLIGHT:

Evolving Education Requirements for Animators and Graphic Designers

This report focuses on middle-skill occupations, which are typically obtainable with a community college two-year degree or certificate. However, some occupations within the ICT/Digital Media sector have experienced degree inflation over the last decade. Degree inflation is the “phenomenon of rising employer demand for higher education levels in jobs that did not previously require them.”³ In the ICT/Digital Media sector, degree inflation has impacted occupations like *Special Effects Artists and Animators (27-1014)* and *Graphic Designers (27-1024)*, which are now considered above middle-skill.

An SCC COE analysis of national educational attainment data for these occupations shows that from 2018 to 2023, the percentage of workers in these two occupations with some college or an associate degree declined, while the percentage with a bachelor’s degree increased. The evolving education requirements for these occupations may create employment barriers for students completing community college programs. AVCCD faculty and administrators in these areas could consider engaging with employers to understand the local impacts of this phenomenon and potential impacts on AVCCD Animation (0614.60) and Computer Graphics and Digital Imagery (0614.60) programs and students, as these are two of the largest programs by number of awards conferred in this sector.

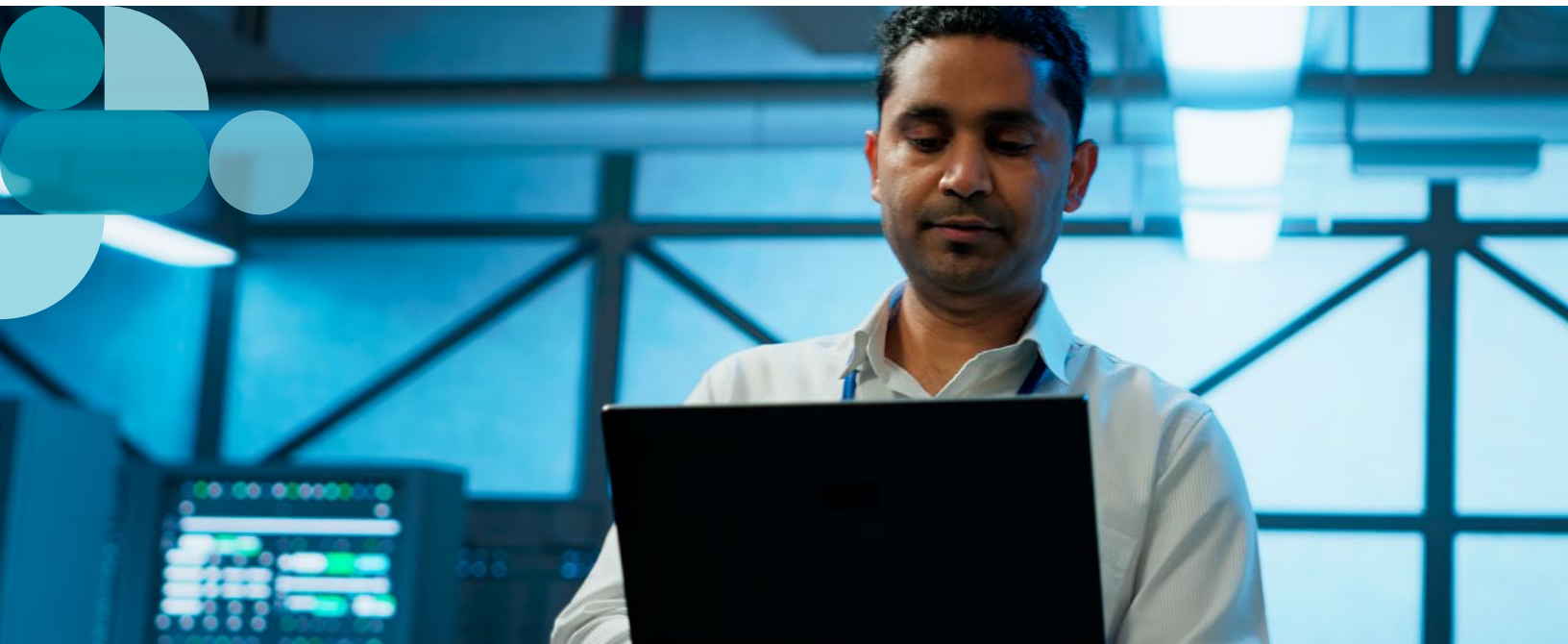
Exhibit 22: ICT/Digital Media Awards (Degrees and Certificates)

Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Animation (0614.40)	18	60
Applied Photography (1012.00)	21	54
Commercial Art (1013.00)	-	1
Commercial Music (1005.00)	12	38
Computer Graphics and Digital Imagery (0614.60)	30	34
Computer Information Systems (0702.00)	18	161
Computer Infrastructure and Support (0708.00)	-	95
Computer Networking (0708.10)	20	86
Computer Programming (0707.10)	15	17
Computer Software Development (0707.00)	-	1

INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT)/DIGITAL MEDIA, CONTINUED

Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Computer Support (0708.20)	-	10
Desktop Publishing (0614.50)	2	2
Digital Media (0614.00)	-	8
E-Commerce (Technology Emphasis) (0709.10)	-	1
Electronic Game Design (0614.20)	-	26
Film Production (0612.20)	-	35
Geographic Information Systems (2206.10)	1	2
Graphic Art and Design (1030.00)	-	73
Information Technology, General (0701.00)	-	1
Journalism (0602.00)	-	34
Multimedia (0614.10)	5	21
Office Technology/Office Computer Applications (0514.00)	13	105
Other Information Technology (0799.00)	-	1
Radio and Television (0604.00)	-	49
Software Applications (0702.10)	7	20
Television (including combined TV/Film/Video) (0604.20)	14	103
Website Design and Development (0614.30)	-	20
Total	176	1,058

Source: California Community Colleges Chancellor's Office Management Information Systems Data Mart. A dash (-) indicates no programs were offered under this TOP code and a zero (0) indicates a program is offered, but the three-year average of awards equaled less than one.



Life Sciences and Biotechnology

Labor Market Demand Data Points



8

Occupations



918

2024 Jobs



95

Annual Openings



-2

Five-Year Change



-0.2%

Five-Year % Change



\$22.58

Entry-Level Wages

Labor Market Supply Data Points



0

Programs
(TOP Codes)



0

Awards
(2021-2024)



N/A

Top Program

Job Quality by Occupational Skill Level

Below Middle-Skill (0)

Middle-Skill (6)

2

4

Above Middle-Skill (2)

2

● Low Quality (2)

● Medium Quality (6)

● High Quality (0)

LIFE SCIENCES AND BIOTECHNOLOGY, CONTINUED

Demand

In 2024, there were 918 jobs across eight Life Sciences and Biotechnology occupations in the district service area. Of those, 91% (839) are for middle-skill occupations. Of the 95 projected annual openings, 93% (88) are for middle-skill occupations. Exhibit 23 shows the number of jobs, annual openings, five-year employment change, and entry-level hourly wage for the six middle-skill occupations within the sector by job quality level.

Exhibit 23: Current Employment, Projected Occupational Demand, and Entry-Level Wages for Life Sciences and Biotechnology Middle-Skill Occupations

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
Medium-Quality Jobs						
Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061)	472	456	(16)	(3%)	54	\$19.51
Clinical Laboratory Technologists and Technicians (29-2018)	213	223	10	5%	16	\$23.16
Life, Physical, and Social Science Technicians, All Other (19-4099)	43	43	0	0%	6	\$28.77
Biological Technicians (19-4021)	37	38	1	3%	4	\$23.56
Low-Quality Jobs						
Chemical Technicians (19-4031)	34	34	0	0%	4	\$22.02
Medical Equipment Repairers (49-9062)	40	43	3	8%	4	\$23.49
Total	839	837	(2)	(0.2%)	88	\$21.38

Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

Supply

From 2021 to 2024, community colleges in the South Central Coast region awarded an average of 12 awards annually across one program within the Life Sciences and Biotechnology sector, as shown in Exhibit 24. AVCCD did not confer any awards between 2021 to 2024.

Exhibit 24: Life Sciences and Biotechnology Awards (Degrees and Certificates)

Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Biotechnology and Biomedical Technology (0430.00)	-	12

Source: California Community Colleges Chancellor's Office Management Information Systems Data Mart. A dash (-) indicates no programs were offered under this TOP code and a zero (0) indicates a program is offered, but the three-year average of awards equaled less than one.

Other/Unassigned

Labor Market Demand Data Points



96

Occupations



15,570

2024 Jobs



2,137

Annual Openings



150

Five-Year Change



1%

Five-Year % Change



\$22.68

Entry-Level Wages

Labor Market Supply Data Points



1

Programs
(TOP Codes)



2

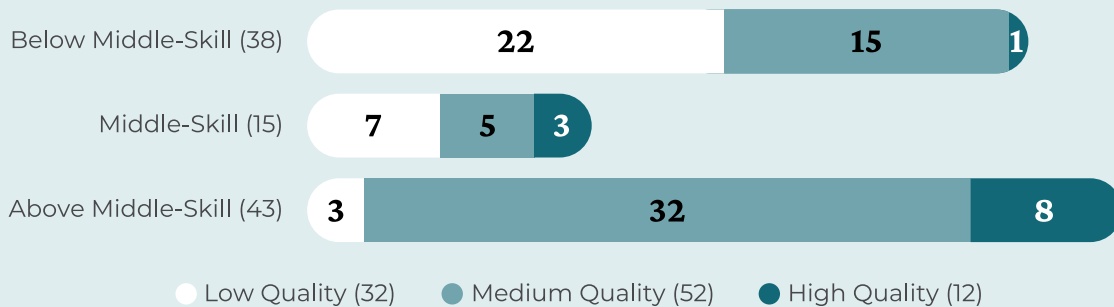
Awards
(2021-2024)



Fitness Trainer

Top Program

Job Quality by Occupational Skill Level



OTHER/UNASSIGNED, CONTINUED

Demand

In 2024, there were 15,570 jobs across 96 Other/Unassigned occupations in the district service area. Of those, 7% (1,045) are for middle-skill occupations. Of the 2,137 projected annual openings, 7% (147) are for middle-skill occupations. Exhibit 25 shows the number of jobs, annual openings, five-year employment change, and entry-level hourly wage for the 15 middle-skill occupations within the sector by job quality level.

Exhibit 25: Current Employment, Projected Occupational Demand, and Entry-Level Wages for Other/Unassigned Middle-Skill Occupations

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
High-Quality Jobs						
Paralegals and Legal Assistants (23-2011)	175	184	9	5%	20	\$24.76
Court, Municipal, and License Clerks (43-4031)	167	179	12	7%	19	\$25.72
Legal Support Workers, All Other (23-2099)	59	61	2	3%	6	\$27.98
Medium-Quality Jobs						
Exercise Trainers and Group Fitness Instructors (39-9031)	244	270	26	11%	52	\$17.99
Legal Secretaries and Administrative Assistants (43-6012)	83	85	2	2%	12	\$21.46
Interpreters and Translators (27-3091)	68	68	0	0%	7	\$24.44
Social Science Research Assistants (19-4061)	20	21	1	5%	3	\$18.82
Postmasters and Mail Superintendents (11-9131)	4	4	0	0%	0	\$46.81
Low-Quality Jobs						
Library Technicians (25-4031)	81	82	1	1%	14	\$19.41
Computer, Automated Teller, and Office Machine Repairers (49-2011)	62	55	(7)	(11%)	6	\$18.22
Jewelers and Precious Stone and Metal Workers (51-9071)	28	27	(1)	(4%)	3	\$19.17
Court Reporters and Simultaneous Captioners (27-3092)	22	23	1	5%	2	\$26.99
Locksmiths and Safe Repairers (49-9094)	16	15	(1)	(6%)	2	\$20.19
Musical Instrument Repairers and Tuners (49-9063)	12	11	(1)	(8%)	1	\$13.18
Watch and Clock Repairers (49-9064)	4	4	0	0%	0	\$15.42
Total	1,045	1,089	44	4%	147	\$22.06

Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

OTHER/UNASSIGNED, CONTINUED

Supply

From 2021 to 2024, community colleges in the South Central Coast region awarded an average of 354 awards annually across 11 programs within the Other/Unassigned sector, as shown in Exhibit 26. AVCCD conferred an average of two awards each year, accounting for approximately 1% of all Other/Unassigned awards in the SCC Region. Fitness Trainer (0835.20) is the only program for which awards were conferred in this sector.

LABOR MARKET SPOTLIGHT:

New Paralegal and Legal Studies Programs

As shown above, several middle-skill occupations within the Other/Unassigned sector are related to legal support, including *Paralegals and Legal Assistants (23-2011)*, *Legal Support Workers, All Other (23-2099)*, and *Legal Secretaries and Administrative Assistants (43-6012)*. Though Exhibit 26 shows that AVCCD has not offered programs related to these occupations in the past, a paralegal studies associate degree and certificate of achievement were approved at AVCCD in spring 2025. Due to their recent approvals, data for these programs is not yet available.

Exhibit 26: Other/Unassigned Awards (Degrees and Certificates)

Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Commercial Dance (1008.10)	-	0
Fitness Trainer (0835.20)	2	25
General Work Experience (4932.00)	-	10
Human Services (2104.00)	-	105
Legal and Community Interpretation (2140.00)	-	15
Library Technician (Aide) (1602.00)	-	59
Other Engineering and Related Industrial Technologies (0999.00)	-	0
Other Fine and Applied Arts (1099.00)	-	0
Paralegal (1402.00)	-	118
Technical Theater (1006.00)	-	11
Vocational ESL (4931.00)	-	11
Total	2	354

Source: California Community Colleges Chancellor's Office Management Information Systems Data Mart. A dash (-) indicates no programs were offered under this TOP code and a zero (0) indicates a program is offered, but the three-year average of awards equaled less than one.

Public Safety

Labor Market Demand Data Points



25
Occupations



6,188
2024 Jobs



734
Annual Openings



226
Five-Year Change



4%
Five-Year % Change



\$34.83
Entry-Level Wages

Labor Market Supply Data Points



4
Programs
(TOP Codes)

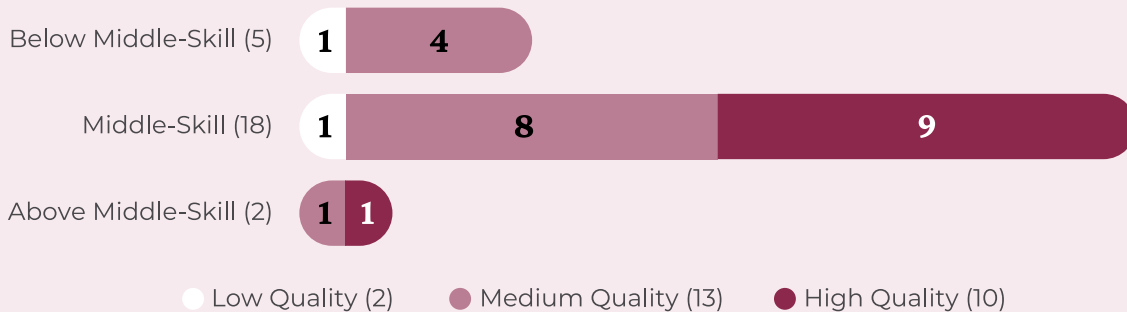


161
Awards
(2021-2024)



**Administration
of Justice**
Top Program

Job Quality by Occupational Skill Level



PUBLIC SAFETY, CONTINUED

Demand

In 2024, there were 6,188 jobs across 25 Public Safety occupations in the district service area. Of those, 83% (5,142) are for middle-skill occupations. Of the 734 projected annual openings, 72% (531) are for middle-skill occupations. Exhibit 27 shows the number of jobs, annual openings, five-year employment change, and entry-level hourly wage for the 18 middle-skill occupations within the sector by job quality level.

Exhibit 27: Current Employment, Projected Occupational Demand, and Entry-Level Wages for Public Safety Middle-Skill Occupations

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
High-Quality Jobs						
Police and Sheriff's Patrol Officers (33-3051)	1,297	1,356	59	5%	112	\$45.84
Correctional Officers and Jailers (33-3012)	759	759	0	0%	70	\$39.39
Firefighters (33-2011)	414	441	27	7%	37	\$37.71
First-Line Supervisors of Police and Detectives (33-1012)	279	292	13	5%	21	\$72.80
Transportation Security Screeners (33-9093)	186	189	3	2%	19	\$27.34
Detectives and Criminal Investigators (33-3021)	201	208	7	3%	16	\$48.47
Public Safety Telecommunicators (43-5031)	113	120	7	6%	14	\$29.21
First-Line Supervisors of Firefighting and Prevention Workers (33-1021)	141	150	9	6%	11	\$57.17
Forensic Science Technicians (19-4092)	58	62	4	7%	8	\$35.68
Medium-Quality Jobs						
Security Guards (33-9032)	1,474	1,521	47	3%	201	\$17.96
First-Line Supervisors of Security Workers (33-1091)	68	72	4	6%	8	\$22.70
First-Line Supervisors of Correctional Officers (33-1011)	56	58	2	4%	5	\$67.21
Private Detectives and Investigators (33-9021)	43	44	1	2%	4	\$21.58
First-Line Supervisors of Protective Service Workers, All Other (33-1099)	30	31	1	3%	3	\$31.52
Fire Inspectors and Investigators (33-2021)	14	15	1	7%	1	\$29.36
Forest Fire Inspectors and Prevention Specialists (33-2022)	3	3	0	0%	0	\$31.07
Transit and Railroad Police (33-3052)	1	1	0	0%	0	\$41.84
Low-Quality Jobs						
Gambling Surveillance Officers and Gambling Investigators (33-9031)	5	5	0	0%	1	\$20.91
Total	5,142	5,327	185	4%	531	\$36.53

Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

PUBLIC SAFETY, CONTINUED

Supply

From 2021 to 2024, community colleges in the South Central Coast region awarded an average of 1,065 awards annually across five programs within the Public Safety sector, as shown in Exhibit 28. AVCCD conferred an average of 161 awards each year, accounting for approximately 15% of all Public Safety awards in the SCC Region. The top-producing program at AVCCD was Administration of Justice (2105.00), with an average of 140 awards conferred annually.

Exhibit 28: Public Safety Awards (Degrees and Certificates)

Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Administration of Justice (2105.00)	140	627
Fire Academy (2133.50)	1	95
Fire Technology (2133.00)	14	223
Police Academy (2105.50)	-	107
Wildland Fire Technology (2133.10)	6	13
Total	161	1,065

Source: California Community Colleges Chancellor's Office Management Information Systems Data Mart. A dash (-) indicates no programs were offered under this TOP code and a zero (0) indicates a program is offered, but the three-year average of awards equaled less than one.



Retail, Hospitality, and Tourism

Labor Market Demand Data Points



49

Occupations



18,411

2024 Jobs



3,455

Annual Openings



1,019

Five-Year Change



6%

Five-Year % Change



\$17.94

Entry-Level Wages

Labor Market Supply Data Points



3

Programs
(TOP Codes)



8

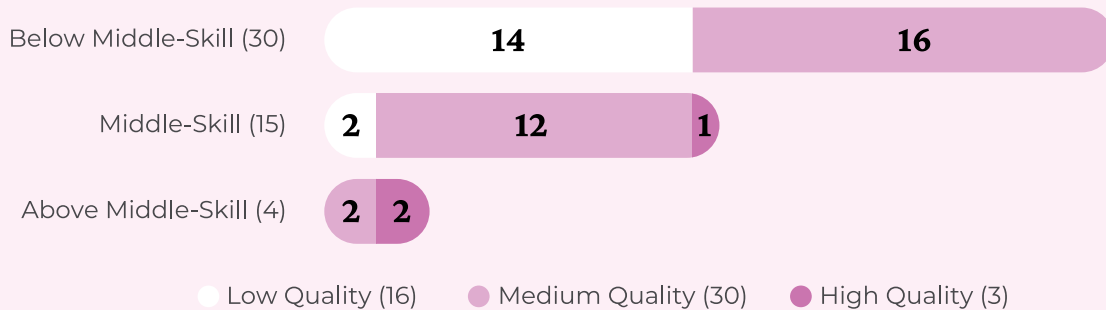
Awards
(2021-2024)



Office Management

Top Program

Job Quality by Occupational Skill Level



RETAIL, HOSPITALITY, AND TOURISM, CONTINUED

Demand

In 2024, there were 18,411 jobs across 49 Retail, Hospitality, and Tourism occupations in the district service area. Of those, 17% (3,107) are for middle-skill occupations. Of the 3,455 projected annual openings, 12% (413) are for middle-skill occupations. Exhibit 29 shows the number of jobs, annual openings, five-year employment change, and entry-level hourly wage for the 15 middle-skill occupations within the sector by job quality level.

Exhibit 29: Current Employment, Projected Occupational Demand, and Entry-Level Wages for Retail, Hospitality, and Tourism Middle-Skill Occupations

Occupation (SOC)	2024 Jobs	2029 Jobs	2024–2029 Change	2024–2029 % Change	Annual Openings	Entry-Level Hourly Wage
High-Quality Jobs						
Flight Attendants (53-2031)	45	51	6	13%	8	\$29.71
Medium-Quality Jobs						
First-Line Supervisors of Food Preparation and Serving Workers (35-1012)	921	1,005	84	9%	155	\$19.32
First-Line Supervisors of Retail Sales Workers (41-1011)	1,074	1,061	(13)	(1%)	106	\$18.99
Food Service Managers (11-9051)	329	349	20	6%	42	\$23.98
Chefs and Head Cooks (35-1011)	203	218	15	7%	28	\$24.77
First-Line Supervisors of Housekeeping and Janitorial Workers (37-1011)	164	170	6	4%	21	\$17.95
First-Line Supervisors of Personal Service Workers (39-1022)	93	108	15	16%	14	\$19.59
Reservation and Transportation Ticket Agents and Travel Clerks (43-4181)	100	110	10	10%	13	\$20.21
First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services (39-1014)	79	86	7	9%	10	\$20.20
Tour and Travel Guides (39-7018)	33	35	2	6%	8	\$17.32
Lodging Managers (11-9081)	29	32	3	10%	4	\$24.09
Travel Agents (41-3041)	19	18	(1)	(5%)	2	\$19.96
Gambling Managers (11-9071)	3	3	0	0%	0	\$43.16
Low-Quality Jobs						
First-Line Supervisors of Gambling Services Workers (39-1013)	14	16	2	14%	2	\$25.31
Cooks, Private Household (35-2013)	1	1	0	0%	0	\$22.07
Total	3,107	3,263	156	5%	413	\$20.27

Source: Lightcast 2025.3, QCEW Employees, Non-QCEW Employees, and Self Employed

RETAIL, HOSPITALITY, AND TOURISM, CONTINUED

Supply

From 2021 to 2024, community colleges in the South Central Coast region awarded an average of 268 awards annually across 11 programs within the Retail, Hospitality, and Tourism sector, as shown in Exhibit 30. AVCCD conferred an average of eight awards each year, accounting for approximately 3% of all Retail, Hospitality, and Tourism awards in the SCC Region. Office Management (0514.40) and Fashion (1303.00) are the two programs for which awards were conferred in this sector.

Exhibit 30: Retail, Hospitality, and Tourism Awards (Degrees and Certificates)

Program Name (TOP)	AVCCD 3-Year Average (2021–2024)	South Central Coast Region 3-Year Average (2021–2024)
Culinary Arts (1306.30)	-	132
Diving and Underwater Safety (0959.10)	-	7
Family and Consumer Sciences, General (1301.00)	0	0
Fashion (1303.00)	1	15
Hospitality (1307.00)	-	31
Interior Design and Merchandising (1302.00)	-	42
Lodging Management (1307.20)	-	3
Office Management (0514.40)	7	23
Public Relations (0606.00)	-	1
Restaurant and Food Services and Management (1307.10)	-	13
Retail Store Operations and Management (0506.50)	-	1
Total	8	268

Source: California Community Colleges Chancellor's Office Management Information Systems Data Mart. A dash (-) indicates no programs were offered under this TOP code and a zero (0) indicates a program is offered, but the three-year average of awards equaled less than one.



• Appendix A: Data Sources and Methodology

Service Area ZIP Codes

The SCC COE used the ZIP codes listed in Exhibit 31 to define the AVCCD service area. Though some ZIP codes only slightly touch or are just beyond the service area (specifically those in Kern County), the SCC COE included them because AVCCD is the closest postsecondary institution for many of these communities.

Exhibit 31: Antelope Valley Community College District Service Area ZIP Codes

ZIP Code	City	County
93501	Mojave	Kern
93502	Mojave	Kern
93504	California City	Kern
93505	California City	Kern
93510	Acton	Los Angeles
93523	Edwards	Los Angeles
93524	Edwards	Los Angeles
93532	Lake Hughes	Los Angeles
93534	Lancaster/Quartz Hill	Los Angeles
93535	Lancaster/Quartz Hill	Los Angeles
93536	Lancaster/Quartz Hill	Los Angeles
93539	Lancaster/Quartz Hill	Los Angeles
93543	Littlerock	Los Angeles
93550	Palmdale	Los Angeles
93551	Palmdale	Los Angeles
93552	Palmdale	Los Angeles
93553	Pearblossom	Los Angeles
93560	Rosamond	Kern
93561	Tehachapi	Kern
93581	Tehachapi	Kern
93584	Lancaster/Quartz Hill	Los Angeles
93586	Lancaster/Quartz Hill	Los Angeles
93590	Palmdale	Los Angeles
93591	Palmdale	Los Angeles
93599	Palmdale	Los Angeles

APPENDIX A: DATA SOURCES AND METHODOLOGY, CONTINUED

Demographic Data

To analyze household and population characteristics, the SCC COE used data from the U.S. Census Bureau's American Community Survey (ACS), which is a nationwide survey that provides detailed population and housing information. When referencing ZIP code-level data, the ACS does not use USPS ZIP Codes but instead uses ZIP Code Tabulation Areas (ZCTAs). These ZCTAs enable mapping and demographic analysis and are geographic representations developed by the Census Bureau to approximate U.S. Postal Service ZIP codes. However, please note that although these estimates closely resemble ZIP codes, they may not be an exact match and should be interpreted as generalized geographic areas. To produce reliable statistics for geographic areas, ACS publishes 5-year estimates which combine data collected over a five-year period. These estimates are more statistically stable than 1-year estimates, particularly for smaller populations. The data analyzed in this District Profile comes from the ACS 2019–2024 5-year estimates for 2019–2024, the most recent years of data available. For more information, visit the ACS website.¹

Definitions for the data analyzed in this report include:

- **Educational Attainment** — educational attainment for individuals 25 years and over refers to the highest level of education completed.
- **Foster Youth** — the percentage of children living in households that are foster children. A foster child is a person under 21 years old and involved in the formal foster care system.
- **People with Disabilities** — the percentage of the population with a disability, as determined based on responses to six questions that identify serious difficulty in the following areas: (1) hearing, (2) vision, (3) cognitive, (4) ambulatory, (5) self-care, and (6) independent living.
- **Veterans** — the percentage of the civilian population that is 18 years and over that are Veterans. Veterans are men and women who have served, but are not currently serving, on active duty in the military.
- **Limited English Proficient Households** — the percentage of households in which no member 14 years old and over (1) speaks only English at home or (2) speaks a language other than English at home and speaks English "Very well."
- **Single Parent Households** — the percentage of family households with one or more people under 18 years and where no spouse is present.
- **Median Household Income** — the median household income in the past 12 months, in 2024 inflation-adjusted dollars
- **Income Below Poverty Line** — the percentage of households that had income in the past 12 months below the poverty level.
- **Not in Labor Force** — the percentage of women and men age 16 and over who are neither employed nor actively seeking work.

For more information regarding these definitions, visit the ACS 2024 Subject Definitions.²

APPENDIX A: DATA SOURCES AND METHODOLOGY, CONTINUED

Labor Market Data

Demand

The labor market demand data included throughout this report was sourced from Lightcast (2025.3), a labor market analytics firm. The SCC COE analyzed data by ZIP code to understand the local labor market of each district service area in the SCC Region. The definitions for the data points included in this report are:

- **2024 Jobs** — the number of jobs in 2024.
- **2029 Jobs** — the projected number of jobs in 2024.
- **2024–2029 Change** — the projected change in employment. A positive number indicates employment is projected to increase, while a negative number indicates employment is projected to decrease.
- **2024–2029 % Change** — the projected change in employment, expressed as a percentage. A positive percentage indicates employment is projected to increase, while a negative percentage indicates employment is projected to decrease.
- **Annual Openings (Demand)** — the projected number of annual job openings from 2024–2029. This figure takes into account new job creation, as well as turnover due to retirements or workers leaving the field.
- **Living Wage (Self-Sufficiency Standard)** — this figure “measures the floor income necessary for an individual or family to afford basic expenses.” The California Self-Sufficiency Standard Living Wage was last updated in 2024 and is currently \$24.03 for Los Angeles County.
- **Living Wage (MIT)** — this figure “measures what one full-time worker must earn on an hourly basis to help cover the cost of their family’s minimum basic needs where they live while still being self-sufficient.” The SCC COE used the 2025 MIT Living Wage, which is \$27.81 for Los Angeles County.
- **Entry-Level Wages** — the 25th percentile wage for an occupation; 25% of workers in an occupation make less than this amount, while 75% make more. To calculate district-level entry-level wages, the SCC COE analyzed wage data by ZIP code, then weighted the wage data by the number of 2024 jobs.

For this report, data for 2024 Jobs, 2029 Jobs, and Annual Openings (Demand) was rounded to the nearest whole number. The SCC COE calculated the 2024–2029 Change as both a number and percentage using the rounded figures. Wages were rounded to two decimal places. For these reasons, some numbers throughout this District Profile may not add to the exact total presented. Any discrepancies throughout the exhibits are due to rounding.

Job Quality Level

The SCC COE examined 796 occupational codes within the Bureau of Labor Statistics (BLS) Standard Occupational Classification (SOC) system. After removing five occupations for which data was unavailable, the SCC COE analyzed 791 occupations in the SCC Region.

To classify each occupation as High, Medium, or Low Quality, the SCC COE identified nine criteria, five of which are considered traditional labor market information indicators (Traditional LMI Indicators) and four of which are considered Job Quality Indicators. These criteria were used to determine occupations that have significant employment and demand, pay at or above the living wage, typically provide employer-sponsored health insurance and full-time hours, have a lower risk of automation, and are considered a “Best Job” by U.S. News & World Report. The full methodology is available in the SCC COE’s [South Central Coast Labor Market Landscape: Assessing Job Quality in the SCC Region](#) report. Criteria for all SCC counties is available [here](#).

APPENDIX A: DATA SOURCES AND METHODOLOGY, CONTINUED

Occupational Skill Level

The SCC COE categorized each of the 796 occupations within the BLS's SOC system into three occupational skill levels for the purpose of capturing occupations that align with different education and experience levels. Middle-skill occupations include:

- All occupations that require an educational requirement of some college, associate degree or an on-the-job training requirement of apprenticeship;
- All occupations that require a bachelor's degree, but also have more than one-third of their existing labor force with an educational attainment of some college or associate degree; or
- Occupations with a typical entry-level education of high school diploma or equivalent AND typically require long-term on-the-job training
- Exceptions were made for select occupations with a typical entry-level education of high school diploma or equivalent or no formal education plus short or moderate on-the-job training based on a review by the Centers of Excellence.

Below middle-skill occupations include those that have a typical entry-level education of a high school diploma or no formal educational credential and are not included in the middle-skill exceptions above while above middle-skill includes occupations include those that have a typical-entry level education of a bachelor's degree or higher (with exceptions as noted above in middle skill definition).

Occupational Sectors

The SCC COE categorized each of the 796 occupations within the BLS's SOC system using a SOC-Sector crosswalk that matches BLS SOC codes to CCCCCO Sectors. Occupations were assigned to sectors based on this crosswalk. It is important to note that this crosswalk is a 1:1 crosswalk, meaning that each individual SOC code is assigned to one sector.

Supply

Supply data was sourced from the California Community College Chancellor's Office (CCCCO) DataMart and includes awards conferred by Taxonomy of Programs (TOP) code for each SCC Region district. It is important to note that supply data includes only the number of **awards** that were conferred and does not consider enrollment figures. The SCC COE took a three-year average of awards conferred between 2021 and 2024 to create a supply estimate by TOP code.

The TOP codes in this report are those for which at least one SCC Region community college conferred awards from 2021 to 2024. Programs that were approved and launched during this period may not be captured due to their recency. Though educational programs may train students for multiple occupations, TOP codes were exclusively assigned to one sector for the purposes of measuring supply in this report. Consequently, the supply from each TOP code was tallied only once and counted within the sector it is assigned by the CCCCCO, as outlined in the [CTE TOP Codes to Sectors](#). Sector exceptions were made for the following TOP codes:

- **International Business and Trade (0508.00)**: The CCCCCO assigned this TOP code to the Global Trade sector. For the purposes of this report, the SCC COE assigned this TOP code to the Business and Entrepreneurship sector.
- **Surveying (0957.30)**: The CCCCCO assigned this TOP code to the Advanced Manufacturing sector. For the purposes of this report, the SCC COE assigned this TOP code to the Energy, Construction and Utilities sector.

• Appendix B: Endnotes

- 1 US Census Bureau, "American Community Survey (ACS)," Census.gov, last modified September 4, 2025, <https://www.census.gov/programs-surveys/acs.html>.
- 2 "American Community Survey and Puerto Rico Community Survey 2024 Subject Definitions," Census.gov, accessed April 8, 2026, https://www2.census.gov/programs-surveys/acs/tech_docs/subject_definitions/2024_ACSSubjectDefinitions.pdf.
- 3 Preston Cooper, "How Unnecessary College Degree Requirements Hurt The Working Class," The Foundation for Research on Equal Opportunity, accessed April 8, 2026, <https://freopp.org/whitepapers/how-unnecessary-college-degree-requirements-hurt-the-working-class/>.
- 4 Ibid.
- 5 "Issue Paper: Entry to Respiratory Therapy Practice 2030," American Association for Respiratory Care, accessed May 1, 2026, https://rcb.ca.gov/licensees/forms/survey/aarc_entry_to_rt_2030.pdf.
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- 7 "Palmdale Regional Airport: Unlocking the Future of PMD," City of Palmdale, accessed May 1, 2026, <https://www.cityofpalmdaleca.gov/DocumentCenter/View/10189/Palmdale-Regional-Airport-Brochure---Facts-and-Figures-PDF>.
- 8 "Aerospace, Industrial Arts and Applied Technologies (CTE)," Antelope Valley College, accessed May 1, 2026, <https://www.avc.edu/areas-study-program-search-aerospace-industrial-arts-and-applied-technologies-cte>.
- 9 "Baccalaureate Degree Program," California Community Colleges, accessed May 1, 2026, <https://www.cccco.edu/About-Us/Chancellors-Office/Divisions/Educational-Services-and-Support/What-we-do/Curriculum-and-Instruction-Unit/Curriculum/Baccalaureate-Degree-Program>.
- 10 "South Central Coast Labor Market Landscape: Assessing Job Quality in the South Central Coast Region," South Central Coast Center of Excellence for Labor Market Research, last modified October 2025, <https://coecc.net/south-central-coast/2025/09/south-central-coast-labor-market-landscape-assessing-job-quality-in-the-scc-region/>.
- 11 "High-Quality Occupations Profile: Northern Los Angeles County," South Central Coast Center of Excellence for Labor Market Research, last modified November 2025, <https://coecc.net/south-central-coast/2025/09/high-quality-occupations-profile-northern-los-angeles-county/>.
- 12 COE analysis of Lightcast 2025.3 data for 131 ZIP codes that comprise the communities of Agoura Hills, Burbank, Calabasas, Canoga Park, Chatsworth, Encino, Glendale, Granada Hills, La Crescenta, Los Angeles, Mission Hills, Montrose, North Hills, North Hollywood, Northridge, Pacoima, Panorama City, Porter Ranch, Reseda, San Fernando, Sherman Oaks, Studio City, Sun Valley, Sunland, Sylmar, Tarzana, Thousand Oaks, Toluca Lake, Tujunga, Universal City, Valley Village, Van Nuys, Verdugo City, West Hills, Westlake Village, Winnetka, and Woodland Hills.
- 13 Labor market data presented in this profile is sourced from the economic modeling firm and job postings aggregator Lightcast. Data source: Lightcast 2025.3; QCEW, non-QCEW, and Self-Employed.



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Important Disclaimers

All representations included in this report have been produced from primary research and/or secondary review of publicly and/or privately available data and/or research reports. This study examines the most recent data available at the time of the analysis; however, data sets are updated regularly and may not be consistent with previous reports. 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), 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.



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