2023

WORKFORCE DEMAND ASSESSMENT INLAND EMPIRE-RIVERSIDE COUNTY METRO SUBREGION



INLAND EMPIRE/DESERT REGIONAL CONSORTIUM Strong Workforce





Inland Empire-Riverside County Metro Subregional Overview

Located in the southwestern quadrant of the Riverside-San Bernardino-Ontario metropolitan statistical area (MSA), the Inland Empire-Riverside County Metro subregion encompasses the western portion of Riverside County, extending north to the San Bernardino County line, including San Gorgonio Pass communities and south to the San Diego County border. The Inland Empire-Riverside County Metro Subregion is the largest of the region's four subregions in terms of current population size and is expected to grow the fastest over the next five years. While this subregion was the second largest in terms of current job counts, it is projected to be the fastest growing and will add the most jobs over the next five years. (See Appendix A for a map of all subregions and a list of ZIP codes associated with this subregion.) This subregion is home to four community colleges within the Riverside Community College District and Mt. San Jacinto Community College District, 16 high school districts, and the University of California, Riverside.

To assist regional community colleges with strategic planning and career education (CE) program development, the Inland Empire/Desert Region Center of Excellence (COE) conducted a series of subregional workforce demand assessments to pinpoint high-quality job opportunities for program investment. This analysis identifies occupations that show strong workforce demand and offer median hourly earnings that exceed the state's living wage standard. The occupations highlighted in this assessment may be used to calibrate or develop CE training programs designed to address the region's in-demand and high-wage job opportunities.

Demographic, industry, and high-quality job information at the regional-level is available in the Inland Empire/Desert Regional Workforce Demand Assessment: <u>https://bit.ly/2022IED</u>.

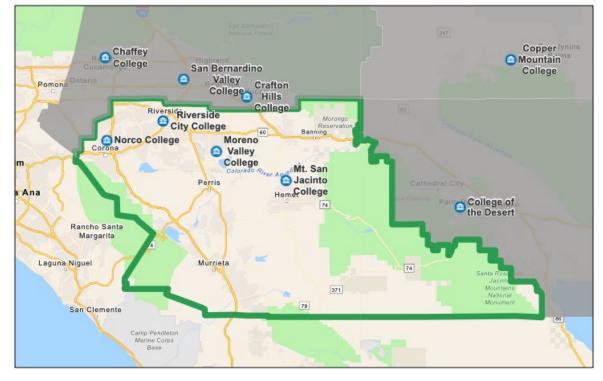


Exhibit 1. Community colleges in the Inland Empire-Riverside County Metro Subregion



Methodology and Data Sources

This report focuses on occupations identified through the Bureau of Labor Statistics (BLS) Standard Occupational Classification (SOC) System that are crosswalked to California Community Colleges Taxonomy of Programs (TOP) codes. These occupations are most relevant for students who enroll in community college career education training programs (CE). This report analyzes occupations related to the 10 sectors designated by the California Community Colleges Chancellor's Office (CCCCO) with a typical entry-level education requirement of either high school, community college, or a bachelor's degree. The subregional analysis by sector allows for a comprehensive evaluation of where high-quality jobs exist and where colleges may invest in CE programs to address labor market demand.

A program inventory was conducted for each CCCCO sector, examining programs offered by community colleges in the region. Education levels, current employment (2021 job count), projected occupational demand (annual job openings), and earnings associated with occupations in each sector are included in the assessment.

For each sector, occupations that meet the high-quality job definition are highlighted, i.e., occupations that are both in-demand and have high-wages. For this study, an occupation is considered in-demand if it has 100 or more regional annual job openings over the next five years. Occupations are considered high wage if their median hourly wage meets or exceeds \$21.82 per hour, the MIT living wage standard for a single adult in California. Further information on MIT Living Wage Standard Methodology is available on their website.¹

Labor market data in this report is sourced from Lightcast 2022.4. The community college program inventory was sourced from the Chancellor's Office Curriculum Inventory (COCI 2.0) and each community college's course catalog. Each college verified the program inventory to ensure the college offerings were current and accurate. Each sector contains a list of existing program offerings and programs currently not offered by community colleges in the subregion.

¹ "Living Wage Calculator for California," MIT Living Wage, 2023, accessed January 18, 2023, <u>https://livingwage.mit.edu/states/06</u>.



Subregion Demographics and Labor Force

This section analyzes the Inland Empire-Riverside County Metro Subregion's demographic characteristics, including population size, gender, race/ethnicity, age, educational attainment, and labor force participation. Providing foundational information on a subregion's demographic composition helps to ensure equitable service for all residents. The demographic data displayed in this report reflects the examined subregional area and may not directly reflect a postsecondary institution's student population.

Population

In 2021, the Inland Empire-Riverside County Metro Subregion contained about 1.99 million residents, or 42.7% of the region's 4.65 million residents (Exhibit 2). Over the last five years, between 2016 and 2021, the population of this subregion increased by 4%, while the greater region increased by 3.2%. Population growth in this subregion is expected to grow faster than the overall region (up by 4.1%) and the state (declining by -0.4%). Over the next five years, between 2021 and 2026, the subregion's population is projected to increase by 5.9%, adding nearly 117,000 residents.

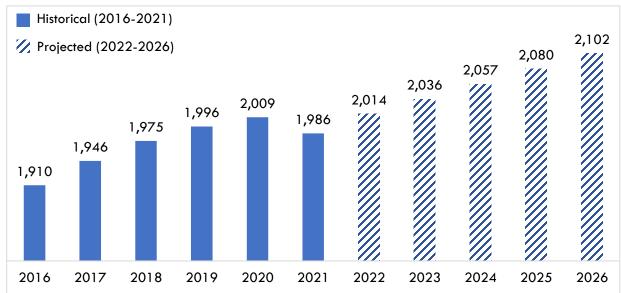


Exhibit 2. Population change, in thousands, Inland Empire-Riverside County Metro Subregion, 2016-2026



Gender

The subregional population has slightly more male (50.2%) than female (49.8%) residents (Exhibit 3). These numbers are similar to the greater region's gender composition, in which 50.3% of residents are male and 49.7% are female.

Exhibit 3. Gender composition, Inland Empire-Riverside County Metro Subregion, 2021



Age

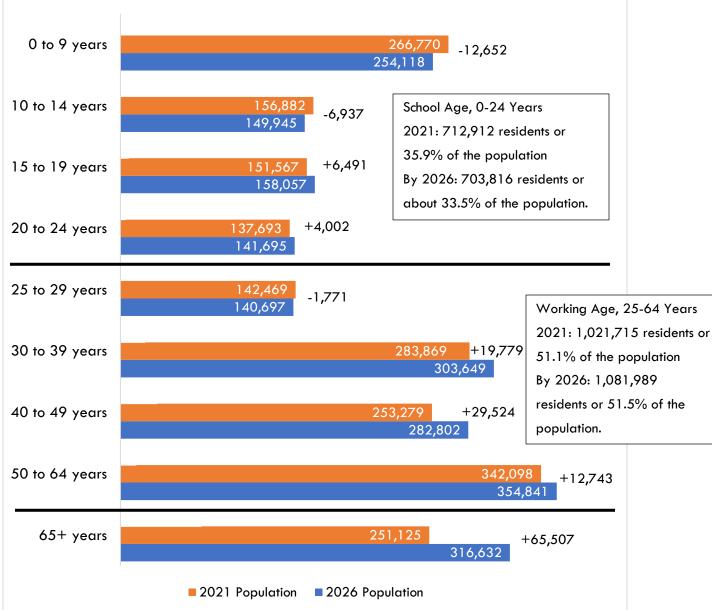
The size of resident age categories may provide insight into future demand for housing, services, and educational enrollment. In 2021, the 0-to-24 age group represented nearly 36% of the Inland Empire-Riverside County Metro Subregion's population. By 2026, this age group is projected to decrease by just over 1% or nearly 9,100 residents. The most notable declines will be seen in the 0-to-9 age group (down 4.7%) and the 10-to-14 age group.

The working-age population, the 25-to-64 age group, comprised more than 51% of the subregion's population in 2021. Over the next five years, the working-age population is expected to gain nearly 60,300 residents, expanding by 5.9%. Within the working-age population, notable growth over the next five years is projected for two age groups: The 30-to-39 age group will increase by 7%, and the 40-to-49 age group will increase by 11.7%. The 25-to-29 age group will decrease by just over 1%.

The age group comprising residents 65 years and older is projected to rise by 26.1% over the next five years, adding more than 65,500 residents. This is the fastest-growing age group in the subregion.









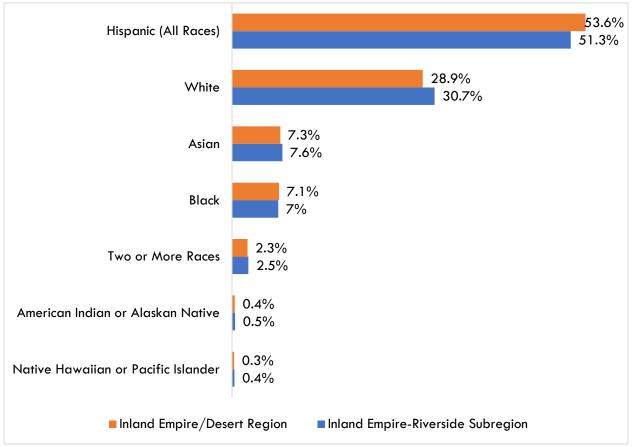
Race and Ethnicity

ethnicity.html.

The U.S. Census Bureau collects race and ethnicity data from residents in accordance with the U.S. Office of Management and Budget's guidelines.² The Census questionnaire asks each resident to self-identify by selecting their race and whether they are of Hispanic or Latino origin. These are categories that generally reflect an individual's social definition and are "not an attempt to define race biologically, anthropologically, or genetically." Race and ethnicity data are particularly critical in federal and state civil rights policymaking, addressing issues such as providing equal employment opportunities and addressing racial disparities in health and environment assessments.³ (See Appendix B for terms and definitions related to population demographics.)

In 2021, residents identifying as Hispanic or Latino (all races) made up more than half (51.3%) of the subregion's population, a slightly smaller share than the region's 53.6% (Exhibit 5). The subregion contains a somewhat larger percentage of Asian (alone) residents than the region, 7.6% and 7.3%, respectively. White residents comprise a larger proportion of the subregion's population, 30.7%, compared to the region's, 28.9%.

Exhibit 5. Race (non-Hispanic) and ethnicity (Hispanic or Latino, all races) composition, Inland Empire-Riverside County Metro Subregion and Inland Empire/Desert Region, 2021



² This report uses race and ethnicity data from Lightcast collected by the U.S. Census Bureau through the American Community Survey. The terms in this document, including white, Hispanic, and Black, adhere to the terms and definitions the Census Bureau uses in collecting its data. For definitions, please refer to https://www.census.gov/topics/population/race/about.html.
³ "2020 Census Frequently Asked Questions About Race and Ethnicity," United States Census Bureau, 2023, accessed January 18, 2023, https://www.census.gov/programs-surveys/decensus/decade/2020/planning-management/release/fags-race-about.html.

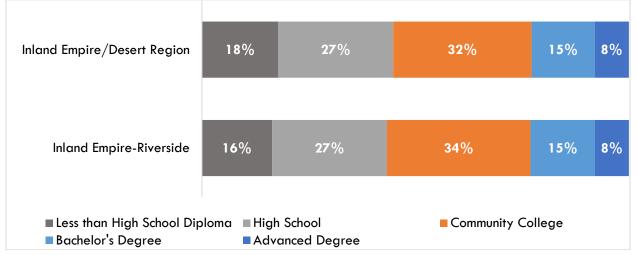


Educational Attainment

Educational attainment refers to the highest level of education that residents age 25 and older have completed. Educational attainment data may illuminate mismatches between resident skills and employment needs and the need for additional regional postsecondary program offerings.

Approximately 43% of the residents in the subregion have a high school diploma or less, a 2% smaller share than the Inland Empire/Desert Region (Exhibit 6). This may indicate an opportunity for more CE program outreach to increase educational attainment in the region. The subregion has a greater share of residents with a community college education (some college but no degree, or an associate degree), 34%, than the region, 32%. Compared to the region, the subregion has the same share of residents who have completed a bachelor's degree or higher, 23%.

Exhibit 6. Educational attainment, Inland Empire-Riverside County Metro Subregion and Inland Empire/Desert Region, 2021

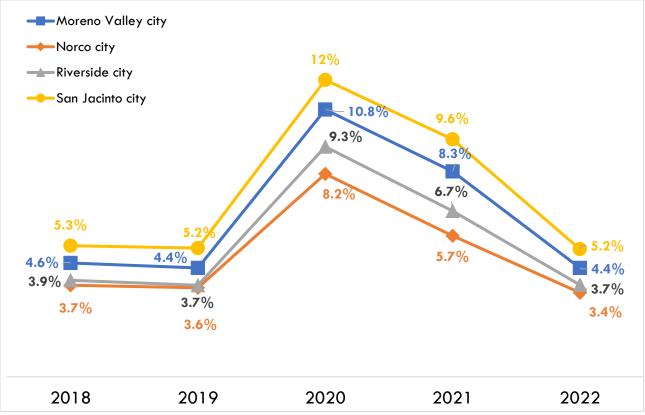




Labor Force and Unemployment Rate

Labor force data reflects the employment status of people by where they live. The labor force is the total count of residents working (employed) or seeking work (unemployed). The unemployment rate represents the number of unemployed individuals expressed as a share of the total labor force. Exhibit 7 displays city-level unemployment rate trends for cities containing community college main campuses.







Subregional Industries

Industries are groups of employer establishments categorized by their primary business activity, e.g., what they produce, sell, or the services they provide.⁴ Industries can be measured using many methods. This assessment analyzes industries by their current job count, job change over the next five years, average earnings per worker, and location quotient. It is essential to recognize that industries hire dozens of occupations that support a business's activity, including management, business and financial operations, health care, food preparation, sales, and production occupational categories, to name a few. Each industry job is counted, whether full-time or part-time, usually where the business conducts its payroll activity.

In the subregion, industry employers reported more than 676,500 total jobs in 2021, or about 39% of the Inland Empire/Desert Region's total employment (nearly 1.74 million jobs) (Exhibit 8). Over the next five years, the subregion's industry employment is projected to grow by 9.2% (adding more than 62,000 jobs, faster than the greater region's projected job growth of 8.6%. The subregion is projected to contribute 41.7% of the region's net job growth over the next five years.

Over the past five years, from 2016 to 2021, subregional employment rose by 12.2%, a net increase of over 73,700 jobs. Average employment in the subregion experienced a slight drop in 2020 due to the effects of the COVID-19 pandemic, shedding an average of nearly 26,900 jobs or about 4% of total employment.

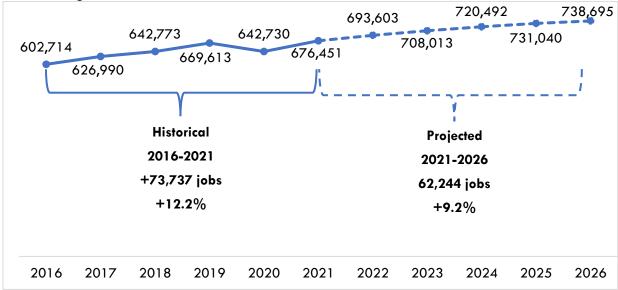


Exhibit 8. Historical and projected change in industry employment, Inland Empire-Riverside County Metro Subregion, 2016-2026

In 2021, the largest industries by employment were government, health care and social assistance, construction, transportation and warehousing, and retail trade. Combined, they accounted for more than 409,400 jobs or approximately 61% of subregional employment. The top five industries adding jobs to the subregion are health care and social assistance, transportation and warehousing, accommodation and food services, administrative and support, waste management and remediation services, and construction. These industries are projected to contribute 80% of the subregion's job growth through 2026.

⁴ "North American Industry Classification System (NAICS)," United States Census Bureau, 2017, accessed January 18, 2023, <u>https://www.census.gov/naics/?58967?yearbck=2017</u>.



Exhibit 9. Current and projected change in industry employment, Inland Empire-Riverside County Metro Subregion, 2021-2026

| Government | | 110,192 jobs in 2021 | +306 jobs |
|--|---------|----------------------------|--------------|
| Health Care and Social Assistance | | 90,011 | +16,298 |
| Construction | | 73,363 +5,847 | |
| Transportation and Warehousing | | 64,459 +13,890 | |
| Retail Trade | | 71,421 +685 | |
| Accommodation and Food Services | | 55,415 +7,862 | |
| Admin/Support/Waste Mgmt/Remed Services | | 43,904 +5,914 | |
| Manufacturing | -580 | 39,809 | |
| Other Services (except Pub Admin) | | 32,684 +5,600 | |
| Wholesale Trade | | 22,045 <mark>+1,441</mark> | |
| Professional, Scientific, and Technical Services | | 17,359 +1,556 | |
| Real Estate and Rental and Leasing | | 12,727 +576 | |
| Educational Services | | 9,555 +1,307 | |
| Finance and Insurance | | 10,214 +40 | |
| Arts, Entertainment, and Recreation | | 7,663 +1,788 | |
| Agriculture, Forestry, Fishing and Hunting | -569 | 6,231 | |
| Information | -58 | 4,424 | |
| Management of Companies and Enterprises | | 3,381 +322 | |
| Utilities | -27 | 1,299 | |
| Mining, Quarrying, and Oil and Gas Extraction | | 285 +56 | |
| ■ 2021 Jobs ■ | Job Gro | owth (2021-2026) | |

Industry Groups

The previous section described the employment share of the region's major industry sectors. NAICS codes facilitate a detailed analysis of subindustries within these major sectors. This analysis provides a clearer picture of industry activity that drives that regional economy.

Exhibit 10 provides a sample of high-quality industry groups. High-quality industries are those that are growing faster than the region overall (at or above 8.6% growth), have average per-job earnings above the living wage standard (\$45,386 annually), and have a high location quotient at or above 1.2. A location quotient reflects the concentration of an industry in an area compared to the nation overall. Highly concentrated industries, those with a high location quotient, often describe the type of business activity an area is "known for." (See Appendix B for terms and definitions.)



In 2021, over 98,100 jobs were employed by industry groups that met the high-quality industry group definition. While high-quality industry groups accounted for nearly 15% of regional employment in 2021, these industry groups are projected to add 29% of subregional jobs over the next five years.

Exhibit 10. High-quality industry groups that are growing faster than the region overall, have average per-job earnings above the living wage standard, and a high concentration, Inland Empire-Riverside County Metro Subregion, 2021-2026

| Industry Groups (NAICS4) | 2021 Jobs | 2021- 2026 Job Change | Growth Rate | Location Quotient | Average Earnings Per Job |
|--|--------------|-----------------------------|----------------|----------------------|--------------------------------|
| Transportation and Warehousing | | Ĩ | | | |
| Warehousing and Storage (4931) | 46,786 | 11,111 | 23.7% | 6.6 | \$59,742 |
| Construction | | | | | |
| Residential Building Construction (2361) | 6,551 | 575 | 8.8% | 1.2 | \$73,135 |
| Utility System Construction (2371) | 5,868 | 549 | 9.4% | 2.0 | \$83,003 |
| Building Equipment Contractors (2382) | 18,772 | 2,382 | 12.7% | 1.6 | \$68,574 |
| Manufacturing | | | | | |
| Commercial and Service Industry Machinery Manufacturing (3333) | 677 | 66 | 9.8% | 1.9 | \$109,018 |
| Office Furniture (including Fixtures) Manufacturing (3372) | 775 | 95 | 12.2% | 1.8 | \$75,874 |
| Wholesale Trade | | | | | |
| Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers (4231) | 2,446 | 276 | 11.3% | 1.6 | \$77,533 |
| Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers (4237) | 2,180 | 826 | 37.9% | 1.8 | \$72,116 |
| Grocery and Related Product Merchant Wholesalers (4244) | 4,046 | 398 | 9.8% | 1.3 | \$101,137 |
| Health Care and Social Assistance | | | | | |
| Outpatient Care Centers (6214) | 5,972 | 1,345 | 22.5% | 1.4 | \$97,082 |
| Residential Intellectual and Developmental Disability, Mental Health, and Substance Abuse Facilities (6232) | 3,177 | 284 | 8.9% | 1.2 | \$52,491 |
| Arts, Entertainment, and Recreation | | | | | |
| Spectator Sports (7112) | 861 | 316 | 36.7% | 1.3 | \$45,439 |

The detailed industry groups displayed above are notable due to their growth, strong earnings, and concentration in the subregion compared to the nation overall. While location quotient data may provide insight into the unique presence of certain industries that may define a region, an additional 60 industry groups are growing and have average earnings per job above the regional living wage standard. In 2021, industry groups that met these criteria accounted for nearly 14% of subregional employment, with more than 93,500 jobs. These industry groups are projected to contribute 21% of subregional job growth through 2026.



Occupational Overview

An occupation is a collection of jobs, and job titles, which perform similar work tasks and share similar work knowledge, skills, and abilities. Employees who perform essentially the same tasks are classified in the same occupation, whether or not they are in the same industry. It's important to note that some occupations are concentrated in a few industries (e.g., police officers are only employed in government), whereas other occupations are found in most industries (e.g., information technology workers and maintenance workers).⁵

Inland Empire/Desert community colleges currently offer programs that train for occupations associated with the 10 CCCCO. The following sections discuss current employment and future demand for high-quality occupations related to regional training programs that align with the CCCCO sectors. For each sector, existing programs and programs not currently offered by community colleges in the subregion have been identified. The occupations listed for each sector meet the high-quality job designation, i.e., occupations that are both in-demand (at least 100 annual job openings) and high-wage (\$21.82 and higher).

In this study, occupational employment in the subregion was analyzed in terms of each occupation's educational requirements, i.e., the entry-level education level needed to enter employment, such as a high school diploma; community college coursework, a degree, or certificate; or a bachelor's degree. Employers report typical entry-level educational requirements at the national level, and alternative paths to securing employment may exist depending on employer preferences and state licensing requirements. For example, registered nurses (RNs) typically must possess a bachelor's degree to enter employment in most states; however, California RN licensing may be attained after completing an Associate Degree in Nursing (ADN) through the California Community Colleges.⁶

California Community Colleges provide education and training that generally prepares workers to enter community-college-level jobs. These jobs typically require an education beyond a high school diploma but less than a four-year degree. Most community-college-level jobs offer a higher pay rate than jobs requiring less education, making them an excellent fit for community college students on a CE pathway who want to enter in-demand careers that offer a living wage.

Bachelor's-level jobs require a four-year degree from a college or university. These jobs were excluded from this report because they require a higher level of education from a four-year institution. High-school-level jobs illuminate possibilities open to those choosing to enter the workforce after securing a high school diploma or G.E.D., or jobs typically open to those who choose to work while attending college. This assessment does not include occupations that typically require an education beyond a bachelor's degree, such as physicians, lawyers, and most scientists, or occupations that do not typically require formal education to enter employment. Military occupations (about 2,100 regional military jobs in the region) were also excluded from the following sections of this assessment. Definitions for education levels are available in Appendix B.

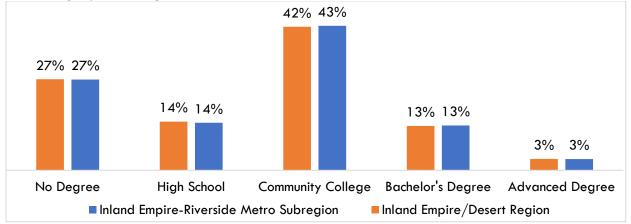
Of the nearly 676,500 jobs in the subregion in 2021, 70% are included in this report. Exhibit 11 displays the count and share of jobs by educational level. For occupational wage information by educational level, please review the regional workforce demand assessment report.

⁵ "Concepts and Definitions," U.S. Bureau of Labor Statistics, 2022, accessed on August 8, 2022, <u>https://www.bls.gov/cps/definitions.htm.</u>

⁶ "Steps to Become a California Registered Nurse," California Board of Registered Nursing, accessed on August 8, 2022, <u>https://www.rn.ca.gov/careers/steps.shtml.</u>



Exhibit 11. Share of jobs by education level, Inland Empire-Riverside County Metro Subregion and Inland Empire/Desert Region, 2021



Advanced Manufacturing

The CCCCO advanced manufacturing sector aligns with the CDE manufacturing and product development sector. Two colleges in the Inland Empire-Riverside County Metro Subregion currently use five program codes for their advanced manufacturing programs.

Programs Offered

- 0934.00 Electronics and Electric Technology
- 0953.40 Mechanical Drafting
- 0956.00 Manufacturing and Industrial Technology
- 0956.30 Machining and Machine Tools
- 0956.50 Welding Technology
- 0999.00 Other Engineering and Related Industrial Technologies

Advanced manufacturing programs in the subregion prepare students for employment in two high-quality community-college-level occupations. High-quality occupations have at least 100 annual job openings and offer a median hourly rate of \$21.82 at the regional-level.

In 2021, there were nearly 3,800 high-quality advanced manufacturing jobs in the subregion related to subregional training programs (Exhibit 12). Through 2026, more than 400 community-college-level job openings are projected annually for this occupational group in the subregion; nearly 1,000 job openings are projected annually in the greater region.

Exhibit 12. Education level, projected demand, and earnings for high-quality occupations

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings Through 2026 | Regional Annual Job Openings | Median Hourly |
|---|--------------------|--------------------------|--|---------------------------------------|------------------|
| First-Line Supervisors of Production and Operating Workers | СС | 1,973 | 212 | 513 | \$28.84 |
| Welders, Cutters, Solderers, and Brazers | CC | 1,799 | 211 | 458 | \$22.53 |



Community College Programs Not Offered

In the subregion, 17 programs in the advanced manufacturing sector are currently not offered (Exhibit 13).

| Subregional Programs Not Offered | | | | | |
|---|---|--|--|--|--|
| 0924.00 - Engineering Technology, General | 0945.00 - Industrial Systems Technology and Maintenance | | | | |
| 0934.20 - Industrial Electronics | 0953.30 - Electrical, Electronic and Electro-Mechanical Drafting | | | | |
| 0934.70 - Electron Microscopy | 0953.60 - Technical Illustration | | | | |
| 0934.80 - Laser and Optical Technology | 0954.00 - Chemical Technology | | | | |
| 0935.00 - Electro-Mechanical Technology | 0954.20 - Plastics and Composites | | | | |
| 0935.10 - Appliance Repair | 0956.70 - Industrial and Occupational Safety and Health | | | | |
| 0936.00 - Printing and Lithography | 0956.80 - Industrial Quality Control | | | | |
| 0943.00 - Instrumentation Technology | 0041.00 Option | | | | |
| 0943.30 - Vacuum Technology | 0961.00 - Optics | | | | |

Exhibit 13. Programs not offered by community colleges in the subregion

Occupational Training Opportunities

There is one program aligned with a high-quality occupation that community colleges may choose to address in the subregion.

• 0945.00 - Industrial Systems Technology and Maintenance

In 2021, there were nearly 900 industrial machinery mechanic jobs in the subregion (Exhibit 14). More than 100 annual job openings are projected annually for industrial machinery mechanics in the subregion, with nearly 300 job openings projected annually in the greater region.

Exhibit 14. High-quality occupation without training programs in the subregion

| Occupation | Education Level | Subregional 2021 Jobs | Annual Job | Regional Annual Job Openings | Hourly |
|--------------------------------|--------------------|--------------------------|------------|---------------------------------------|---------|
| Industrial Machinery Mechanics | CC | 885 | 104 | 284 | \$28.82 |



Advanced Transportation and Logistics

The CCCCO advanced transportation and logistics sector aligns with the CDE transportation sector. Four colleges in the Inland Empire-Riverside County Metro Subregion currently use five program codes for their advanced transportation and logistics programs.

Programs Offered

- 0510.00 Logistics and Materials Transportation
- 0948.00 Automotive Technology
- 0949.00 Automotive Collision Repair
- 0949.10 Upholstery Repair Automotive
- 3020.20 Piloting

Advanced transportation and logistics programs in the subregion prepare students for employment in one high-quality bachelor's degree-level occupation and seven high-quality community college-level occupations. High-quality occupations have at least 100 annual job openings and offer a median hourly rate of \$21.82 at the regional-level.

In 2021, these occupations accounted for nearly 12,100 jobs in the subregion. Nearly 1,500 job openings are projected annually for the high-quality advanced transportation and logistics occupational group through 2026, with nearly 4,300 job openings expected annually in the greater region (Exhibit 15).

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Regional Annual Job Openings | Regional Median Hourly Earnings |
|--|--------------------|--------------------------|---------------------------------------|---------------------------------------|--|
| Airline Pilots, Copilots, and Flight Engineers | BS | 156 | 95 | 120 | \$133.20 |
| Automotive Service Technicians and Mechanics | СС | 3,113 | 334 | 976 | \$23.26 |
| First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors | сс | 3,092 | 450 | 1,307 | \$28.53 |
| First-Line Supervisors of Mechanics, Installers, and Repairers | СС | 1,991 | 213 | 550 | \$37.01 |
| Production, Planning, and Expediting Clerks | СС | 1,596 | 207 | 546 | \$22.70 |
| Transportation, Storage, and Distribution Managers | СС | 1,102 | 121 | 353 | \$44.82 |
| Logisticians | CC | 587 | 80 | 245 | \$36.41 |
| Automotive Body and Related Repairers | CC | 459 | 58 | 157 | \$27.07 |

Exhibit 15. Education level, projected demand, and earnings for high-quality occupations



Community College Programs Not Offered

In the subregion, 16 programs in the advanced transportation and logistics sector are currently not offered (Exhibit 16).

Exhibit 16. Programs not offered by community colleges in the subregion

| Subregional Programs Not Offered | | | | | | |
|---|---|--|--|--|--|--|
| 0947.00 - Diesel Technology | 0950.10 - Aviation Airframe Mechanics | | | | | |
| 0947.20 - Heavy Equipment Maintenance | 0950.20 - Aviation Powerplant Mechanics | | | | | |
| 0947.40 - Railroad and Light Rail Operations | 0950.40 - Aircraft Electronics (Avionics) | | | | | |
| 0947.50 - Truck and Bus Driving | 0950.50 - Aircraft Fabrication | | | | | |
| 0948.30 - Motorcycle, Outboard and Small Engine Repair | 0959.00 - Marine Technology | | | | | |
| 0948.40 - Alternative Fuels and Advanced Transportation | | | | | | |
| Technology | and Services | | | | | |
| 0948.50 - Recreational Vehicle Service | 3020.10 - Aviation and Airport Management | | | | | |
| 0950.00 - Aeronautical and Aviation Technology | 3020.30 - Air Traffic Control | | | | | |

Occupational Training Opportunities

There are seven programs aligned with five high-quality community-college-level occupations that community colleges may choose to address in the subregion.

- 0947.00 Diesel Technology
- 0947.20 Heavy Equipment Maintenance
- 0947.50 Truck and Bus Driving
- 0950.00 Aeronautical and Aviation Technology
- 0950.10 Aviation Airframe Mechanics
- 0950.20 Aviation Powerplant Mechanics
- 0950.50 Aircraft Fabrication

In 2021, these occupations accounted for nearly 15,300 jobs in the subregion (Exhibit 17). Through 2026, these high-quality occupations are projected to have nearly 2,100 job openings annually, with more than 7,600 annual job openings expected in the greater region.

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Regional Annual Job Openings | Regional Median Hourly Earnings |
|---|--------------------|--------------------------|---------------------------------------|---------------------------------------|--|
| Heavy and Tractor-Trailer Truck Drivers | CC | 12,203 | 1,739 | 6,560 | \$23.17 |
| Bus and Truck Mechanics and Diesel Engine Specialists | СС | 1,088 | 124 | 408 | \$28.28 |
| Mobile Heavy Equipment Mechanics, Except Engines | СС | 802 | 92 | 248 | \$29.51 |
| Bus Drivers, Transit and Intercity | CC | 786 | 102 | 224 | \$24.39 |
| Aircraft Mechanics and Service Technicians | CC | 396 | 37 | 196 | \$36.07 |

Exhibit 17. High-quality occupations without training programs in the subregion



Agriculture, Water, and Environmental Technologies

The CCCCO agriculture, water, and environmental technologies sector aligns with the CDE agriculture and natural resources sector. One college in the Inland Empire-Riverside County Metro Subregion currently offers a program in the agriculture, water, and environmental technologies sector.

Programs Offered

- 0109.00 Horticulture
- 0104.00 Viticulture, Enology, and Wine Business

There is one high-quality community-college-level occupation trained by the subregional agriculture programs. High-quality occupations have at least 100 annual job openings and offer a median hourly rate of \$21.82 at the regional-level.

In 2021, there were nearly 600 first-line supervisors of landscaping, lawn service, and groundskeeping worker jobs in the subregion (Exhibit 18). Over the next five years, 70 annual job openings are projected for this occupation in the subregion, while the region may expect nearly 200 job openings.

Exhibit 18. Education level, projected demand, and earnings for high-quality occupations

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Regional Annual Job Openings | Median Hourly |
|--|--------------------|--------------------------|---------------------------------------|---------------------------------------|------------------|
| First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers | СС | 571 | 70 | 196 | \$28.25 |

Community College Programs Not Offered

In the subregion, 22 programs in the agriculture, water, and environmental technologies sector are currently not offered (Exhibit 19).

Exhibit 19. Programs not offered by community colleges in the subregion

| Subregional Programs Not Offered | | | | | |
|--|--|--|--|--|--|
| 0101.00 - Agriculture Technology and Sciences, General | 0109.40 - Turfgrass Technology | | | | |
| 0102.00 - Animal Science | 0112.00 - Agriculture Business, Sales and Service | | | | |
| 0102.10 - Veterinary Technician (Licensed) | 0113.00 - Food Processing and Related Technologies | | | | |
| 0102.20 - Artificial Inseminator (Licensed) | 0114.00 - Forestry | | | | |
| 0102.30 - Dairy Science | 0115.00 - Natural Resources | | | | |
| 0102.40 - Equine Science | 0115.10 - Parks and Outdoor Recreation | | | | |
| 0103.00 - Plant Science | 0115.20 - Wildlife and Fisheries | | | | |
| 0103.10 - Agricultural Pest Control Adviser and Operator (Licensed) | 0116.00 - Agricultural Power Equipment Technology | | | | |
| 0109.10 - Landscape Design and Maintenance | 0199.00 - Other Agriculture and Natural Resources | | | | |
| 0109.20 - Floriculture/Floristry | 0303.00 - Environmental Technology | | | | |
| 0109.30 - Nursery Technology | 1920.00 - Ocean Technology | | | | |



Occupational Training Opportunities

There is one program aligned with one high-quality high-school-level occupation that community colleges may choose to address in the subregion.

• 0109.10 - Landscape Design and Maintenance

This occupation is projected to have more than 50 annual job openings in the subregion and more than 150 annual job openings in the greater region (Exhibit 20).

Exhibit 20. High-quality occupation without training programs in the subregion

| Occupation | Education Level | Subregional 2021 Jobs | O | Regional Annual Job Openings | Median Hourly |
|---------------------------|--------------------|--------------------------|----------|---------------------------------------|------------------|
| Tree Trimmers and Pruners | HS | 393 | 57 | 162 | \$23.50 |



Business and Entrepreneurship

The CCCCO business and entrepreneurship sector aligns with the CDE business and finance and marketing, sales, and services sectors. Four colleges in the Inland Empire-Riverside County Metro Subregion currently utilize 17 business and entrepreneurship program codes.

Programs Offered

- 0501.00 Business and Commerce, General
- 0502.00 Accounting
- 0502.10 Tax Studies
- 0504.00 Banking and Finance
- 0505.00 Business Administration
- 0506.00 Business Management
- 0506.40 Small Business and Entrepreneurship
- 0508.00 International Business and Trade
- 0509.00 Marketing and Distribution
- 0509.40 Sales and Salesmanship
- 0509.70 E-commerce (business emphasis)
- 0511.00 Real Estate
- 0514.10 Legal Office Technology
- 0514.40 Office Management
- 0518.00 Customer Service
- 0599.00 Other Business and Management
- 3007.00 Cosmetology and Barbering

Business and entrepreneurship programs in the subregion prepare students for employment in 32 highquality occupations; 13 high-quality bachelor's degree-level, 17 community-college-level, and two high school-level occupations. High-quality occupations have at least 100 annual job openings and offer a median hourly rate of \$21.82 at the regional-level.

In 2021, there were nearly 61,500 business jobs related to subregional training programs (Exhibit 21). Through 2026, more than 6,600 annual job openings are projected for business occupations in the subregion, with more than 16,900 annual job openings projected in the greater region.

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Regional Annual Job Openings | Regional Median Hourly Earnings |
|--|--------------------|--------------------------|---------------------------------------|---------------------------------------|--|
| Accountants and Auditors | BS | 2,895 | 1,550 | 800 | \$36.84 |
| Human Resources Specialists | BS | 2,204 | 1,367 | 792 | \$30.24 |
| Sales Managers | BS | 2,116 | 977 | 527 | \$47.35 |
| Project Management Specialists | BS | 1,978 | 935 | 454 | \$39.40 |
| Financial Managers | BS | 1,784 | 831 | 433 | \$60.47 |
| Market Research Analysts and Marketing Specialists | BS | 1,783 | 1,150 | 597 | \$29.96 |
| Management Analysts | BS | 1,400 | 777 | 446 | \$38.04 |
| Cost Estimators | BS | 1,297 | 679 | 283 | \$35.23 |
| Chief Executives | BS | 964 | 363 | 182 | \$75.12 |
| Loan Officers | BS | 791 | 313 | 158 | \$29.63 |

Exhibit 21. Education level, projected demand, and earnings for high-quality occupations



| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Regional Annual Job Openings | Regional Median Hourly Earnings |
|--|--------------------|--------------------------|---------------------------------------|---------------------------------------|--|
| Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products | BS | 637 | 362 | 182 | \$43.18 |
| Marketing Managers | BS | 556 | 278 | 144 | \$58.96 |
| Human Resources Managers | BS | 518 | 254 | 138 | \$50.54 |
| General and Operations Managers | CC | 8,824 | 923 | 2,397 | \$46.18 |
| First-Line Supervisors of Office and Administrative Support Workers | СС | 6,145 | 672 | 1,759 | \$28.96 |
| Bookkeeping, Accounting, and Auditing Clerks | СС | 5,878 | 682 | 1,751 | \$22.31 |
| Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | сс | 4,695 | 527 | 1,521 | \$29.06 |
| Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel | сс | 3,120 | 409 | 1,070 | \$23.16 |
| Real Estate Sales Agents | CC | 3,012 | 319 | 534 | \$26.07 |
| Property, Real Estate, and Community Association Managers | СС | 1,771 | 156 | 342 | \$23.70 |
| Billing and Posting Clerks | CC | 1,595 | 180 | 512 | \$21.82 |
| Executive Secretaries and Executive Administrative Assistants | СС | 1,290 | 136 | 340 | \$30.39 |
| Real Estate Broker | CC | 1,012 | 107 | 191 | \$33.98 |
| Administrative Services Managers | CC | 883 | 83 | 211 | \$46.62 |
| First-Line Supervisors of Non-Retail Sales Workers | СС | 793 | 79 | 216 | \$34.85 |
| Payroll and Timekeeping Clerks | CC | 649 | 67 | 172 | \$23.27 |
| Human Resources Assistants, Except Payroll and Timekeeping | СС | 485 | 54 | 145 | \$22.56 |
| Facilities Managers | CC | 467 | 43 | 112 | \$46.21 |
| Loan Interviewers and Clerks | CC | 457 | 41 | 106 | \$22.40 |
| Tax Preparers | CC | 315 | 40 | 102 | \$22.24 |
| Insurance Claims and Policy Processing Clerks | HS | 756 | 75 | 217 | \$22.14 |
| Word Processors and Typists | HS | 423 | 45 | 105 | \$22.61 |



Community College Programs Not Offered

In the subregion, nine programs in the business and entrepreneurship sector are currently not offered (Exhibit 22).

Exhibit 22. Programs not offered by community colleges in the subregion

| Subregional Programs Not Offered | | | | | | |
|--|--|--|--|--|--|--|
| 0506.30 - Management Development and Supervision | 0516.00 - Labor and Industrial Relations | | | | | |
| 0509.10 - Advertising | 0606.00 - Public Relations | | | | | |
| 0509.20 - Purchasing | 1255.00 - Mortuary Science | | | | | |
| 0511.10 - Escrow | 2005.00 Custo dial Samiana | | | | | |
| 0512.00 - Insurance | 3005.00 - Custodial Services | | | | | |

Occupational Training Opportunities

There are two programs aligned with three high-quality community-college-level occupations that community colleges may choose to address in the subregion.

- 0512.00 Insurance
- 0509.20 Purchasing

These business occupations accounted for nearly 3,600 jobs in 2021 (Exhibit 23). These occupations are expected to have more than 400 annual job openings in the subregion through 2026.

Exhibit 23. High-quality occupations without training programs in the subregion

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Annual Job | Regional Median Hourly Earnings |
|---|--------------------|--------------------------|---------------------------------------|---------------|--|
| Insurance Sales Agents | CC | 1,887 | 235 | 582 | \$23.90 |
| Buyers and Purchasing Agents | СС | 1,247 | 130 | 339 | \$29.68 |
| Claims Adjusters, Examiners, and Investigators | СС | 462 | 37 | 120 | \$36.42 |



Education and Human Development

The CCCCO education and human development sector aligns with the CDE education, child development, and family services sector. Four colleges in the Inland Empire-Riverside County Metro Subregion currently utilize 12 education and human development program codes.

Programs Offered

- 0802.00 Educational Aide (Teacher Assistant)
- 0835.20 Fitness Trainer
- 0835.60 Coaching
- 0850.10 Sign Language Interpreting
- 1305.00 Child Development/Early Care and Education
- 1305.10 Child and Adolescent Development
- 1305.20 Children with Special Needs
- 1305.40 Preschool Age Children
- 1305.80 Child Development Administration and Management
- 1305.90 Infants and Toddlers
- 2104.00 Human Services
- 2140.00 Legal and Community Interpretation

Education and human development programs in the subregion prepare students for employment in five high-quality bachelor's degree-level and two high-quality community-college-level occupations. High-quality occupations have at least 100 annual job openings and offer a median hourly rate of \$21.82 at the regional-level.

In 2021, there were nearly 13,200 education jobs related to subregional training programs (Exhibit 24). Through 2026, nearly 1,200 job openings are projected annually for education and human development occupations in the education and human development sector, and more than 2,700 annual job openings are projected in the greater region.

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | | Regional Median Hourly Earnings |
|---|--------------------|--------------------------|---------------------------------------|-------|--|
| Elementary School Teachers, Except Special Education | BS | 7,768 | 543 | 1,282 | \$46.47 |
| Child, Family, and School Social Workers | BS | 1,718 | 192 | 456 | \$29.20 |
| Special Education Teachers, Kindergarten and Elementary School | BS | 1,021 | 72 | 171 | \$39.51 |
| Social and Community Service Managers | BS | 735 | 90 | 208 | \$35.54 |
| Special Education Teachers, Secondary School | BS | 647 | 46 | 109 | \$48.36 |
| Exercise Trainers and Group Fitness Instructors | СС | 933 | 196 | 405 | \$22.19 |
| Interpreters and Translators | СС | 351 | 46 | 112 | \$30.76 |

Exhibit 24. Education level, projected demand, and earnings for high-quality occupations

Community College Programs Not Offered

In the subregion, ten programs in the education and human development sector are currently not offered (Exhibit 25).



| Subregional Programs Not Offered | | | | | |
|---|---|--|--|--|--|
| 0802.10 - Educational Aide (Teacher Assistant), Bilingual | 1305.50 - The School Age Child | | | | |
| 0809.00 - Special Education | 1305.60 - Parenting and Family Education | | | | |
| 0860.00 - Educational Technology | 1305.70 - Foster and Kinship Care | | | | |
| 0899.00 - Other Education | 1308.00 - Family Studies | | | | |
| 1301.00 - Family and Consumer Sciences, General | 2104.40 - Alcohol and Controlled Substances | | | | |

Exhibit 25. Programs not offered by community colleges in the subregion

Occupational Training Opportunities

There are five programs aligned with four high-quality bachelor's degree-level occupations that community colleges may choose to address in the subregion.

- 0802.10 Educational Aide (Teacher Assistant), Bilingual
- 0860.00 Educational Technology
- 1301.00 Family and Consumer Sciences, General
- 1308.00 Family Studies
- 2104.40 Alcohol and Controlled Substances

These high-quality education and human development occupations accounted for nearly 9,200 jobs in 2021 (Exhibit 26). These occupations are expected to have nearly 800 annual job openings in the subregion through 2026.

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | | Regional Median Hourly Earnings |
|--|--------------------|--------------------------|---------------------------------------|-----|--|
| Secondary School Teachers, Except Special and Career/Technical Education | BS | 4,976 | 332 | 779 | \$47.68 |
| Middle School Teachers, Except Special and Career/Technical Education | BS | 1,936 | 138 | 325 | \$47.72 |
| Substance Abuse, Behavioral Disorder, and Mental Health Counselors | BS | 1,299 | 169 | 468 | \$23.87 |
| Training and Development Specialists | BS | 988 | 119 | 312 | \$29.19 |

Exhibit 26. Education level, projected demand, and earnings for high-quality occupations



Energy, Construction, and Utilities

The CCCCO energy, environment, and utilities sector aligns with the CDE building and construction trades; energy, environment, and utilities; and engineering and architecture sectors. Three colleges in the Inland Empire-Riverside County Metro Subregion currently utilize 11 energy, construction, and utilities program codes.

Programs Offered

- 0201.00 Architecture and Architectural Technology
- 0934.30 Telecommunications Technology
- 0946.00 Environmental Control Technology
- 0952.00 Construction Crafts Technology
- 0952.20 Electrical
- 0953.00 Drafting Technology
- 0953.10 Architectural Drafting
- 0957.00 Civil and Construction Management Technology
- 0957.20 Construction Inspection
- 0958.00 Water and Wastewater Technology
- 2206.10 Geographic Information Systems

Energy, construction, and utilities programs in the subregion prepare students for employment in two bachelor's degree-level, ten high-quality community college-level, and one high-quality high school-level occupation. High-quality occupations have at least 100 annual job openings and offer a median hourly rate of \$21.82 at the regional-level.

In 2021, there were nearly 25,000 energy, construction, and utilities jobs related to subregional training programs (Exhibit 27). Through 2026, more than 2,900 annual job openings are projected for the highquality energy, construction, and utilities occupational group, with more than 6,300 annual job openings projected in the greater region.

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Regional Annual Job Openings | Regional Median Hourly Earnings |
|--|--------------------|--------------------------|---------------------------------------|---------------------------------------|--|
| Construction Managers | BS | 3,246 | 325 | 624 | \$36.87 |
| Architectural and Engineering Managers | BS | 553 | 44 | 115 | \$72.93 |
| Maintenance and Repair Workers, General | СС | 5,814 | 662 | 1,715 | \$22.38 |
| First-Line Supervisors of Construction Trades and Extraction Workers | СС | 4,663 | 529 | 1,027 | \$35.65 |
| Electricians | СС | 3,679 | 529 | 1,169 | \$28.63 |
| Heating, Air Conditioning, and Refrigeration Mechanics and Installers | СС | 3,142 | 375 | 697 | \$22.23 |
| Telecommunications Line Installers and Repairers | СС | 661 | 81 | 149 | \$30.31 |
| Electrical Power-Line Installers and Repairers | СС | 629 | 63 | 131 | \$47.71 |
| Water and Wastewater Treatment Plant and System Operators | СС | 593 | 55 | 127 | \$35.83 |
| Telecommunications Equipment Installers and Repairers, Except Line Installers | СС | 586 | 76 | 158 | \$28.65 |

Exhibit 27. Education level, projected demand, and earnings for high-quality occupations



| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Regional Annual Job Openings | Regional Median Hourly Earnings |
|--|--------------------|--------------------------|---------------------------------------|---------------------------------------|--|
| Construction and Building Inspectors | СС | 544 | 67 | 156 | \$36.66 |
| Architectural and Civil Drafters | СС | 365 | 40 | 109 | \$29.05 |
| Security and Fire Alarm Systems Installers | HS | 474 | 68 | 137 | \$28.32 |

Community College Programs Not Offered

In the subregion, 18 programs in the energy, construction, and utilities sector are currently not offered (Exhibit 28).

Exhibit 28. Programs not offered by community colleges in the subregion

| Subregional Programs Not Offered | | | | | | |
|---|---|--|--|--|--|--|
| 0299.00 - Other Architecture and Environmental Design | 0952.70 - Painting, Decorating and Flooring | | | | | |
| 0934.40 - Electrical Systems and Power Transmission | 0952.80 - Drywall and Insulation | | | | | |
| 0946.10 - Energy Systems Technology | 0952.90 - Roofing | | | | | |
| 0947.30 - Heavy Equipment Operation | 0953.20 - Civil Drafting | | | | | |
| 0952.10 - Carpentry | 0954.30 - Petroleum Technology | | | | | |
| 0952.30 - Plumbing, Pipefitting and Steamfitting | 0956.40 - Sheet Metal and Structural Metal | | | | | |
| 0952.40 - Glazing | 0957.30 - Surveying | | | | | |
| 0952.50 - Mill and Cabinet Work | 0959.10 - Diving and Underwater Safety | | | | | |
| 0952.60 - Masonry, Tile, Cement, Lath and Plaster | 2102.10 - Public Works | | | | | |



Occupational Training Opportunities

There are seven programs aligned with eight high-quality occupations that community colleges may choose to address in the subregion.

- 0946.10 Energy Systems Technology
- 0947.30 Heavy Equipment Operation
- 0952.10 Carpentry
- 0952.30 Plumbing, Pipefitting and Steamfitting
- 0952.40 Glazing
- 0952.60 Masonry, Tile, Cement, Lath and Plaster
- 0956.40 Sheet Metal and Structural Metal

These eight high-quality energy, construction, and utilities occupations accounted for nearly 18,300 jobs in 2021 and are expected to have nearly 2,100 annual job openings in the subregion through 2026 (Exhibit 29).

| Exhibit 29. High-quality occupations without training programs in the | subregion |
|---|-----------|
|---|-----------|

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Regional Annual Job Openings | Regional Median Hourly Earnings |
|---|--------------------|--------------------------|---------------------------------------|---------------------------------------|--|
| Carpenters | CC | 10,365 | 1,080 | 2,117 | \$26.30 |
| Plumbers, Pipefitters, and Steamfitters | CC | 2,588 | 338 | 617 | \$27.87 |
| Operating Engineers and Other Construction Equipment Operators | СС | 2,010 | 250 | 477 | \$35.78 |
| Plasterers and Stucco Masons | CC | 1,082 | 101 | 166 | \$23.22 |
| Structural Iron and Steel Workers | CC | 717 | 90 | 180 | \$29.83 |
| Sheet Metal Workers | CC | 630 | 72 | 139 | \$26.99 |
| Solar Photovoltaic Installers | CC | 453 | 85 | 180 | \$22.54 |
| Glaziers | CC | 441 | 59 | 119 | \$23.01 |



Health

The CCCCO health sector aligns with the CDE health science and medical technology sector. Three colleges in the Inland Empire-Riverside County Metro Subregion currently utilize 15 health program codes.

Programs Offered

- 0514.20 Medical Office Technology
- 1201.00 Health Occupations, General
- 1202.00 Hospital and Health Care Administration
- 1208.00 Medical Assisting
- 1208.10 Clinical Medical Assisting
- 1208.20 Administrative Medical Assisting
- 1227.00 Diagnostic Medical Sonography
- 1228.00 Athletic Training and Sports Medicine
- 1230.10 Registered Nursing
- 1230.20 Licensed Vocational Nursing
- 1230.30 Certified Nurse Assistant
- 1240.10 Dental Assistant
- 1240.20 Dental Hygienist
- 1250.00 Emergency Medical Services
- 1251.00 Paramedic

Health programs in the subregion prepare students for employment in one high-quality bachelor's degreelevel and three high-quality community-college-level occupations. High-quality occupations have at least 100 annual job openings and offer a median hourly rate of \$21.82 at the regional-level.

In 2021, there were more than 15,100 high-quality health jobs related to subregional training programs. Through 2026, more than 1,300 annual job openings are projected for high-quality health occupations (Exhibit 30).

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Regional Annual Job Openings | Regional Median Hourly Earnings |
|---|--------------------|--------------------------|---------------------------------------|---------------------------------------|--|
| Medical and Health Services Managers | BS | 1,571 | 202 | 581 | \$48.73 |
| Registered Nurses | СС | 10,389 | 815 | 2,324 | \$48.48 |
| Licensed Practical and Licensed Vocational Nurses | СС | 2,726 | 271 | 774 | \$28.50 |
| Dental Hygienists | сс | 434 | 42 | 104 | \$48.52 |



Community College Programs Not Offered

In the subregion, 34 programs in the health sector are currently not offered (Exhibit 31).

| Subregional Programs Not Offered | | | | | | |
|---|---|--|--|--|--|--|
| 0430.00 - Biotechnology and Biomedical Technology | 1221.00 - Pharmacy Technology | | | | | |
| 0934.60 - Biomedical Instrumentation | 1222.00 - Physical Therapist Assistant | | | | | |
| 0955.00 - Laboratory Science Technology | 1223.00 - Health Information Technology | | | | | |
| 1205.00 - Medical Laboratory Technology | 1220.00 - Speech/Language Pathology and Audiology | | | | | |
| 1205.10 - Phlebotomy | 1223.10 - Health Information Coding | | | | | |
| 1206.00 - Physicians Assistant | 1224.00 - School Health Clerk | | | | | |
| 1208.30 - Health Facility Unit Coordinator | 1225.00 - Radiologic Technology | | | | | |
| 1209.00 - Hospital Central Service Technician | 1226.00 - Radiation Therapy Technician | | | | | |
| 1210.00 - Respiratory Care/Therapy | 1230.00 - Nursing | | | | | |
| 1211.00 - Polysomnography | 1230.80 - Home Health Aide | | | | | |
| 1212.00 - Electro-Neurodiagnostic Technology | 1239.00 - Psychiatric Technician | | | | | |
| 1213.00 - Cardiovascular Technician | 1240.00 - Dental Occupations | | | | | |
| 1214.00 - Orthopedic Assistant | 1240.30 - Dental Laboratory Technician | | | | | |
| 1215.00 - Electrocardiography | 1261.00 - Community Health Care Worker | | | | | |
| 1217.00 - Surgical Technician | 1262.00 - Massage Therapy | | | | | |
| 1218.00 - Occupational Therapy Technology | 1299.00 - Other Health Occupations | | | | | |
| 1219.00 - Optical Technology | 1309.00 - Gerontology | | | | | |

Exhibit 31. Programs not offered by community colleges in the subregion

Occupational Training Opportunities

There are 12 programs aligned with nine high-quality occupations that community colleges may choose to address in the subregion.

- 1205.00 Medical Laboratory Technology
- 1205.10 Phlebotomy
- 1210.00 Respiratory Care/Therapy
- 1214.00 Orthopedic Assistant
- 1219.00 Optical Technology
- 1221.00 Pharmacy Technology
- 1222.00 Physical Therapist Assistant
- 1223.00 Health Information Technology
- 1223.10 Health Information Coding
- 1225.00 Radiologic Technology
- 1226.00 Radiation Therapy Technician
- 1262.00 Massage Therapy



These nine high-quality health occupations accounted for nearly 5,200 jobs in 2021 and are projected to have nearly 600 annual job openings in the subregion through 2026 (Exhibit 32).

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Regional Annual Job Openings | Regional Median Hourly Earnings |
|--|--------------------|--------------------------|---------------------------------------|---------------------------------------|--|
| Pharmacy Technicians | СС | 1,417 | 125 | 342 | \$22.17 |
| Phlebotomists | СС | 631 | 101 | 231 | \$22.04 |
| Radiologic Technologists and Technicians | СС | 569 | 58 | 165 | \$43.91 |
| Respiratory Therapists | СС | 523 | 46 | 123 | \$37.31 |
| Medical Records Specialists | СС | 497 | 45 | 133 | \$22.60 |
| Clinical Laboratory Technologists and Technicians | СС | 479 | 51 | 127 | \$29.17 |
| Opticians, Dispensing | СС | 443 | 41 | 100 | \$22.20 |
| Massage Therapists | СС | 379 | 65 | 158 | \$22.00 |
| Physical Therapist Assistants | СС | 260 | 53 | 132 | \$35.77 |

Exhibit 32. High-quality occupations without training programs in the subregion



Information and Communication Technologies (ICT)/Digital Media

The CCCCO information and communication technologies/digital media (ICT/DM) sector aligns with the CDE arts, media, and entertainment; and information and communication technologies sectors. Three colleges in the Inland Empire-Riverside County Metro Subregion currently utilize 24 ICT/DM program codes.

Programs Offered

- 0602.00 Journalism
- 0604.20 Television (including combined TV/Film/Video)
- 0614.00 Digital Media
- 0614.10 Multimedia
- 0614.20 Electronic Game Design
- 0614.40 Animation
- 0614.50 Desktop Publishing
- 0614.60 Computer Graphics and Digital Imagery
- 0701.00 Information Technology, General
- 0702.00 Computer Information Systems
- 0702.10 Software Applications
- 0707.00 Computer Software Development
- 0707.10 Computer Programming
- 0707.20 Database Design and Administration
- 0707.30 Computer Systems Analysis
- 0708.00 Computer Infrastructure and Support
- 0708.10 Computer Networking
- 0708.20 Computer Support
- 0709.00 World Wide Web Administration
- 0709.10 E-Commerce (technology emphasis)
- 1005.00 Commercial Music
- 1006.00 Technical Theater
- 1012.00 Applied Photography
- 1030.00 Graphic Art and Design

ICT/DM programs in the subregion prepare students for employment in five bachelor's degree-level and four community-college-level occupations. High-quality occupations have at least 100 annual job openings and offer a median hourly rate of \$21.82 at the regional-level.



In 2021, there were more than 6,600 ICT/DM jobs related to subregional training programs. More than 700 high-quality job openings are projected annually in the subregion through 2026, with more than 1,800 annual job openings in the greater region (Exhibit 33).

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Regional Annual Job Openings | Regional Median Hourly Earnings |
|--|--------------------|--------------------------|---------------------------------------|---------------------------------------|--|
| Software Developers | BS | 1,161 | 128 | 383 | \$50.08 |
| Computer Systems Analysts | BS | 837 | 69 | 194 | \$45.73 |
| Computer and Information Systems Managers | BS | 797 | 71 | 191 | \$65.70 |
| Graphic Designers | BS | 682 | 71 | 167 | \$23.50 |
| Writers and Authors | BS | 411 | 72 | 140 | \$26.53 |
| Computer User Support Specialists | CC | 1,046 | 95 | 261 | \$28.01 |
| Photographers | CC | 696 | 97 | 222 | \$23.31 |
| Musicians and Singers | CC | 521 | 87 | 183 | \$23.07 |
| Network and Computer Systems Administrators | СС | 495 | 40 | 107 | \$40.12 |

Exhibit 33. Education level, projected demand, and earnings for high-quality occupations

Community College Programs Not Offered

In the subregion, 12 programs in the ICT/DM sector are currently not offered (Exhibit 34).

Exhibit 34. Programs not offered by community colleges in the subregion

| Subregional Programs Not Offered | | | | | |
|-----------------------------------|--|--|--|--|--|
| 0604.00 - Radio and Television | 0614.30 - Website Design and Development | | | | |
| 0604.10 - Radio | 0699.00 - Other Media and Communications | | | | |
| 0604.30 - Broadcast Journalism | 0799.00 - Other Information Technology | | | | |
| 0607.00 - Technical Communication | 0934.10 - Computer Electronics | | | | |
| 0610.00 - Mass Communications | 1009.00 - Applied Design | | | | |
| 0612.20 - Film Production | 1013.00 - Commercial Art | | | | |

Occupational Training Opportunities

All high-quality occupations related to the ICT/DM sector are being addressed by community colleges in the subregion.



Public Safety

The CCCCO public safety sector aligns with the CDE public services sector. Four colleges in the Inland Empire-Riverside County Metro Subregion currently utilize nine public safety program codes.

Programs Offered

- 1402.00 Paralegal
- 2105.00 Administration of Justice
- 2105.10 Corrections
- 2105.30 Industrial and Transportation Security
- 2105.40 Forensics, Evidence and Investigation
- 2105.50 Police Academy
- 2133.00 Fire Technology
- 2133.50 Fire Academy
- 4931.00 Vocational ESL

Public safety programs in the subregion prepare students for employment in one high-quality high-schoollevel occupation and eight high-quality community-college-level occupations. High-quality occupations have at least 100 annual job openings and offer a median hourly rate of \$21.82 at the regional-level.

In 2021, there were nearly 8,900 public safety jobs related to subregional training programs (Exhibit 35). Nearly 900 high-quality job openings are projected annually in the subregion through 2026.

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Regional Annual Job Openings | Regional Median Hourly Earnings |
|--|--------------------|--------------------------|---------------------------------------|---------------------------------------|--|
| Police and Sheriff's Patrol Officers | СС | 3,022 | 277 | 626 | \$47.40 |
| Correctional Officers and Jailers | СС | 1,793 | 173 | 420 | \$39.33 |
| Firefighters | СС | 1,460 | 134 | 297 | \$30.74 |
| Detectives and Criminal Investigators | СС | 544 | 46 | 111 | \$51.18 |
| Paralegals and Legal Assistants | СС | 474 | 69 | 171 | \$29.37 |
| Court, Municipal, and License Clerks | СС | 444 | 54 | 120 | \$24.04 |
| Transportation Security Screeners | СС | 344 | 35 | 108 | \$23.92 |
| First-Line Supervisors of Security Workers | СС | 334 | 48 | 102 | \$23.85 |
| Public Safety Telecommunicators | HS | 439 | 47 | 104 | \$29.22 |

Exhibit 35. Education level, projected demand, and earnings for high-quality occupations

Community College Programs Not Offered

In the subregion, five programs in the public safety sector are currently not offered (Exhibit 36).

Exhibit 36. Programs not offered by community colleges in the subregion

| Subregional Programs Not Offered | | | | | | |
|-------------------------------------|---|--|--|--|--|--|
| 0514.30 - Court Reporting | 2133.10 - Wildland Fire Technology | | | | | |
| 1602.00 - Library Technician (Aide) | 2100.00 Other Public and Protective Services | | | | | |
| 2105.20 - Probation and Parole | 2199.00 - Other Public and Protective Service | | | | | |



Occupational Training Opportunities

There are two programs aligned with one high-quality bachelor's degree-level occupation and one highquality community-college-level occupation that may be addressed by community colleges in the subregion.

- 1602.00 Library Technician (Aide)
- 2105.20 Probation and Parole

There were 1,200 high-quality public safety training opportunities in the subregion in 2021 (Exhibit 37). Through 2026, the subregion is expected to have more than 100 annual job openings, while the greater region is projected to have more than 300 annual job openings.

| Occupation | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Regional Annual Job Openings | Median Hourly |
|--|--------------------|--------------------------|---------------------------------------|---------------------------------------|------------------|
| Probation Officers and Correctional Treatment Specialists | BS | 713 | 69 | 159 | \$37.72 |
| Library Technicians | CC | 487 | 70 | 151 | \$23.01 |

Exhibit 37. High-quality occupation without training programs in the subregion



Retail, Hospitality, and Tourism

The CCCCO retail, hospitality, and tourism sector aligns with the CDE fashion and interior design; and hospitality, tourism, and recreation sectors. Three colleges in the Inland Empire-Riverside County Metro Subregion currently utilize three retail, hospitality, and tourism program codes.

Programs Offered

- 0506.50 Retail Store Operations and Management
- 1306.00 Nutrition, Foods, and Culinary Arts
- 1306.30 Culinary Arts

Retail, hospitality, and tourism programs in the subregion prepare students for employment in one highquality community-college-level occupation: chefs and head cooks. High-quality occupations have at least 100 annual job openings and offer a median hourly rate of \$21.82 at the regional-level.

In 2021, there were more than 900 chef and head cook jobs in the subregion (Exhibit 38). More than 100 high-quality job openings are projected annually in the subregion through 2026.

Exhibit 38. Education level, projected demand, and earnings for high-quality occupations

| Occupations | Education Level | Subregional 2021 Jobs | Annual Job | Regional Annual Job Openings | Hourly |
|----------------------|--------------------|--------------------------|------------|---------------------------------------|---------|
| Chefs and Head Cooks | CC | 904 | 139 | 358 | \$22.24 |

Community College Programs Not Offered

In the subregion, 18 programs in the retail, hospitality, and tourism sector are currently not offered (Exhibit 39).

Exhibit 39. Programs not offered by community colleges in the subregion

| Subregional Programs Not Offered | | | | | |
|---|--|--|--|--|--|
| 0509.60 - Display | 1306.20 - Dietetic Services and Management | | | | |
| 0835.70 - Aquatics and Lifesaving | 1306.60 - Dietetic Technology | | | | |
| 0836.10 - Recreation Assistant | 1307.00 - Hospitality | | | | |
| 1301.10 - Consumer Services | 1307.10 - Restaurant and Food Services and Management | | | | |
| 1302.00 - Interior Design and Merchandising | 1307.20 - Lodging Management | | | | |
| 1303.00 - Fashion | 1307.30 - Resort and Club Management | | | | |
| 1303.10 - Fashion Design | 3008.00 - Dry Cleaning | | | | |
| 1303.20 - Fashion Merchandising | 3009.00 - Travel Services and Tourism | | | | |
| 1303.30 - Fashion Production | 3020.40 - Flight Attendant | | | | |



Occupational Training Opportunities

There are two programs aligned with two high-quality occupations that may be addressed by community colleges in the subregion.

- 1307.00 Hospitality
- 1307.10 Restaurant and Food Services and Management

The high-quality training opportunities in the retail, hospitality, and tourism sector accounted for more than 1,800 jobs in 2021. These occupations are expected to have nearly 300 annual job openings in the subregion through 2026 (Exhibit 40).

| Occupation | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Regional Annual Job Openings | Hourly |
|---|--------------------|--------------------------|---------------------------------------|---------------------------------------|---------|
| Meeting, Convention, and Event Planners | BS | 413 | 55 | 132 | \$24.89 |
| Food Service Managers | CC | 1,398 | 201 | 504 | \$27.52 |

Unassigned/No Sector Assignments

Most CE community college programs have assigned sector designations, but a handful are unassigned. Eight programs in the unassigned sector are not currently offered in the subregion (Exhibit 41).

| Exhibit 41. Programs not offered | y community | y colleges in the subregion |
|----------------------------------|-------------|-----------------------------|
|----------------------------------|-------------|-----------------------------|

| Subregional Programs Not Offered | | | |
|--|-------------------------------------|--|--|
| 0962.00 - Musical Instrument Repair | 2102.00 - Public Administration | | |
| 1008.10 - Commercial Dance | 2104.50 - Disability Services | | |
| 1099.00 - Other Fine and Applied Arts | 3099.00 - Other Commercial Services | | |
| 1399.00 - Other Family and Consumer Sciences | 4932.00 - General Work Experience | | |

Occupational Training Opportunities

The 2102.00 public administration career education program may lead to high-quality occupations, depending on the coursework focus.

• 2102.00 - Public Administration

The two high-school-level occupations without sector assignments accounted for nearly 2,66 jobs in 2021 and are projected to have more than 247 annual job openings in the subregion (Exhibit 42).

Exhibit 42. High-quality occupations without training programs in the subregion

| Occupations | Education Level | Subregional 2021 Jobs | Subregional Annual Job Openings | Annual Job | Regional Median Hourly Earnings |
|--|--------------------|--------------------------|---------------------------------------|---------------|--|
| Eligibility Interviewers, Government Programs | HS | 1,488 | 152 | 365 | \$22.90 |
| Postal Service Mail Carriers | HS | 1,178 | 95 | 238 | \$25.16 |



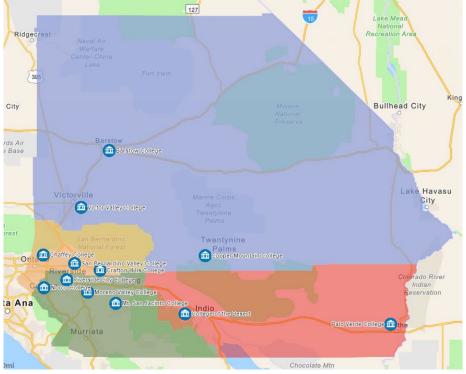
Appendix A: Subregional Boundaries and ZIP Codes

This appendix details the boundaries of the four subregions comprising the Inland Empire/Desert Region and includes a list of the ZIP codes defining the Inland Empire-Riverside County Metro Subregion. The Inland Empire-Riverside County Metro Subregion contains 71 ZIP codes.

The map shows the following subregions:

- High Desert (Blue)
- Low Desert (Red)
- Inland Empire-Riverside County Metro (Green)
- Inland Empire-San Bernardino Metro (Yellow)

Exhibit A1. Map of the four subregions along with their community colleges comprising the Inland Empire/Desert Region





| | ZIP Code (City/Community) | | | |
|--------------------------------|---------------------------|---------------------|--|--|
| 91752 (Mira Loma) | 92532 (Lake Elsinore) | 92581 (San Jacinto) | | |
| 92220 (Banning) | 92536 (Aguanga) | 92582 (San Jacinto) | | |
| 92223 (Beaumont) | 92539 (Anza) | 92583 (San Jacinto) | | |
| 92230 (Cabazon) | 92543 (Hemet) | 92584 (Menifee) | | |
| 92320 (Calimesa) | 92544 (Hemet) | 92585 (Menifee) | | |
| 92501 (Riverside) | 92545 (Hemet) | 92586 (Menifee) | | |
| 92502 (Riverside) | 92546 (Hemet) | 92587 (Menifee) | | |
| 92503 (Riverside) | 92548 (Homeland) | 92589 (Temecula) | | |
| 92504 (Riverside) | 92549 (Idyllwild) | 92590 (Temecula) | | |
| 92505 (Riverside) | 92551 (Moreno Valley) | 92591 (Temecula) | | |
| 92506 (Riverside) | 92552 (Moreno Valley) | 92592 (Temecula) | | |
| 92507 (Riverside) | 92553 (Moreno Valley) | 92593 (Temecula) | | |
| 92508 (Riverside) | 92554 (Moreno Valley) | 92595 (Wildomar) | | |
| 92509 (Jurupa Valley) | 92555 (Moreno Valley) | 92596 (Winchester) | | |
| 92513 (Riverside) | 92556 (Moreno Valley) | 92599 (Perris) | | |
| 92514 (Riverside) | 92557 (Moreno Valley) | 92860 (Norco) | | |
| 92516 (Riverside) | 92561 (Mountain Center) | 92877 (Corona) | | |
| 92517 (Riverside) | 92562 (Murrieta) | 92878 (Corona) | | |
| 92518 (March Air Reserve Base) | 92563 (Murrieta) | 92879 (Corona) | | |
| 92519 (Riverside) | 92564 (Murrieta) | 92880 (Corona) | | |
| 92521 (Riverside) | 92567 (Nuevo) | 92881 (Corona) | | |
| 92522 (Riverside) | 92570 (Perris) | 92882 (Corona) | | |
| 92530 (Lake Elsinore) | 92571 (Perris) | 92883 (Corona) | | |
| 92531 (Lake Elsinore) | 92572 (Perris) | | | |

Exhibit A2. ZIP codes comprising the Inland Empire-Riverside County Metro Subregion

ZIP Code Limitations

ZIP codes were developed by the U.S. Post Office for the purpose of efficient mail delivery. Unlike official state, county, and sometimes metropolitan statistical area (MSA) designations, ZIP code boundaries may morph over time based on changes in carrier routes. Some ZIP codes cover an area of land, and others are location points (e.g., designated by some post office locations). ZIP codes may not cover highly rural areas, such as mountain tops, large patches of desert, or open water. Lightcast makes every effort to ensure multiple data sources align with their ZIP code reporting standards. All four subregional workforce assessments sum to the Riverside-San Bernardino-Ontario MSA regional total.



Appendix B: Terms & Definitions

Labor Market Definitions

Industry Employment is a count of jobs in a given geography. Businesses operating within the same industry produce similar goods and services and share comparable production processes for creating these goods and services. The North American Industry Classification System (NAICS) is the federal system used to classify all business establishments into specific industries. Staffing patterns show the distribution of occupational employment and demand for each industry. For example, Community Colleges employ faculty, but the institutions also hire a variety of administrators and support staff to maintain operations. The same is true for most industries. Regional educational institutions should be aware of the types of industries in their area to help inform the needed industry-specific occupational skills that may be required by local employers.

A **location quotient** quantifies how concentrated a particular industry, cluster, occupation, or demographic group is in a region compared to the nation. It can reveal what makes a particular region "unique." A high location quotient (1.2 times or greater concentration in the local region compared to the nation) reveals industries that are highly represented and make the area unique. Conversely, industries with a low location quotient account for a smaller share of jobs than the national average, indicating that while job seekers may find work in these industries, they are more likely to find a higher concentration of these jobs elsewhere in the nation.

An **occupation** is a set of activities or tasks employees are paid to perform. Employees that perform essentially the same tasks are in the same occupation, whether or not they work in the same industry. Some occupations are concentrated in a few particular industries; other occupations are found in many industries. For example, jobs for registered nurses are concentrated in the healthcare industry sector, but educational industries may also employ these jobs. The Standard Occupational Classification (SOC) System classifies 775 detailed occupations according to the tasks and duties of each job.

Annual Job Openings are calculated by the sum of projected growth and replacement jobs (Growth + Replacements = Openings). Growth captures the changes in the total number of workers employed in an occupation, while replacement jobs are estimates of workers permanently leaving an occupation and needing to be replaced by new hires. A combination of both numbers indicates the total openings for the time frame.

High-Quality Occupation Definition: The analysis identified high-quality occupations that show relatively strong workforce demand (100+ regional annual job openings) and offer a median hourly wage that is higher than the California living wage standard (\$21.82 per hour). As a result, the occupations highlighted in this report can be used to calibrate training programs to address regional in-demand jobs that pay self-sustaining earnings.

Education Definitions

Education Level Categories

- No-degree-level: Occupations that require no formal education.
- High-school-level: Occupations that require a high school diploma or equivalent.
- Community-college-level: Occupations that mostly require some college, a postsecondary certificate, or an associate degree. These are occupations relevant to community college training.
- Bachelor's-degree-level: Occupations that mostly require a bachelor's degree. These occupations are mostly trained by four-year colleges and universities.
- Advanced-degree-level: Occupations that typically require education and training beyond a bachelor's degree.



Demographic Definitions⁷

White: includes all individuals who identify with one or more nationalities or ethnic groups originating in Europe, the Middle East, or North Africa. Examples of these groups include, but are not limited to, German, Irish, English, Italian, Lebanese, Egyptian, Polish, French, Iranian, Slavic, Cajun, and Chaldean.

Black or African American: includes all individuals who identify with one or more nationalities or ethnic groups originating in any of the black racial groups of Africa. Examples of these groups include, but are not limited to, African American, Jamaican, Haitian, Nigerian, Ethiopian, and Somali.

American Indian or Alaska Native: includes all individuals who identify with any of the original peoples of North and South America (including Central America) and who maintain tribal affiliation or community attachment. It includes people who identify as "American Indian" or "Alaska Native" and includes groups such as the Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, and Nome Eskimo Community.

Asian: includes all individuals who identify with one or more nationalities or ethnic groups originating in the Far East, Southeast Asia, or the Indian subcontinent. Examples of these groups include, but are not limited to, Chinese, Filipino, Asian Indian, Vietnamese, Korean, and Japanese. The category also includes groups such as Pakistani, Cambodian, Hmong, Thai, Bengali, Mien, etc.

Native Hawaiian and Pacific Islander: includes all individuals who identify with one or more nationalities or ethnic groups originating in Hawaii, Guam, Samoa, or other Pacific Islands. Examples of these groups include, but are not limited to, Native Hawaiian, Samoan, Chamorro, Tongan, Fijian, and Marshallese.

Hispanic, Latino, or Spanish origin: includes all individuals who identify with one or more nationalities or ethnic groups originating in Mexico, Puerto Rico, Cuba, Central, and South America, and other Spanish cultures. Examples of these groups include, but are not limited to, Mexican or Mexican American, Puerto Rican, Cuban, Salvadoran, Dominican, Colombian, Guatemalan, Honduran, Spaniard, Ecuadorian, Peruvian, and Venezuelan.

⁷ This report uses race and ethnicity data from Lightcast collected by the U.S. Census Bureau through the American Community Survey. The terms in this document, including white, Hispanic, and Black, adhere to the terms and definitions the Census Bureau uses in collecting its data. For definitions, please refer to https://www.census.gov/topics/population/race/about.html.



Appendix C: Sector Crosswalk Used for Program Inventory

A program inventory study was conducted for each CCCCO sector, examining each college with related programs that align with CDE sectors. The CDE developed Career Education (CE) Model Curriculum Standards for grades 7 through 12 that categorize courses and programs into 15 industry sectors. The CE model sectors are not to be confused with the NAICS employment industry sectors discussed in the previous section of this report or with the CCCCO sectors. The CE model provides a useful way to classify postsecondary CE offerings and connect career pathways from high school to college. The relationship between the CDE and CCCCO sectors is illustrated below.

| CCCC | O Priority and Emerging Sectors | CDE Industry Sectors | |
|--|--|---|--|
| for the second sec | Advanced Manufacturing | Manufacturing and Product Development | 202 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 |
| | Advanced Transportation | Transportation | |
| | Agriculture, Water & Environmental Technologies | Agriculture and Natural Resources | |
| | Business & Entrepreneurship | Business and Finance | \$\$ \$ \$ \$ |
| | | Marketing, Sales, and Services | JEST |
| | Education & Human Development | Education, Child Development, and Family Services | E E |
| | Energy, Construction & Utilities | Building and Construction Trades | E Contraction of the second se |
| P & O | | Energy, Environment, and Utilities | |
| | | Engineering and Architecture | Å |
| | Health | Health Science and Medical Technology | G |
| | Information & Communication | Arts, Media, and Entertainment | 88 V |
| | Technologies (ICT)/Digital Media | Information and Communication Technologies | Ø |
| | Public Safety | Public Services | |
| | | Fashion and Interior Design | Yik |
| | Retail, Hospitality & Tourism | Hospitality, Tourism, and Recreation | - Star |

| Exhibit C1. Crosswalk showing | | priority a | nd emerging | a sector alia | anment with CDE sectors |
|-------------------------------|---|------------|-------------|---------------|-------------------------|
| | , | p:::•::; • | | 9 000101 Will | |