

Moreno Valley College

**TOP Code 120200: Hospital and Health Care Administration**

Regional Labor Market Information and Analysis

August 2022

## **I. Introduction, Definitions, and Data Sources**

This report summarizes program completion and employment data to analyze the regional labor market for TOP Code 120200: Hospital and Health Care Administration. It draws from the California Community Colleges Chancellor's Office (CCCCO) Curriculum Inventory, Datamart, and Perkins Core Indicator Reports; the U.S. Bureau of Labor Statistics; the Centers of Excellence for Labor Market Research (COE); the CA Employment Development Department; and O\*NET OnLine.

### **Definitions:**

#### ***Labor Market Supply and Demand***

##### **TOP Code**

The California Community Colleges Taxonomy of Programs (TOP) Code is a numeric system used by the state to collect and report information on programs and courses with similar outcomes across colleges. This report refers to TOP Code Manual 6<sup>th</sup> Edition (2013).

*Source: CCCCCO Curriculum and Instruction Unit*

##### **SOC Code**

The Standard Occupational Classification (SOC) system is used by federal agencies to classify workers into occupational categories to collect, calculate, or disseminate data. All workers are classified into one of 867 detailed occupations according to their occupational definition. Detailed occupations with similar job duties, and in certain instances skills, education, and/or training, are grouped together. The SOC Code system provides a uniform framework to classify positions based on the work performed regardless of the employer or industry.

*Source: U.S. Bureau of Labor Statistics, CA Employment Development Department*

##### **Occupational Employment Projections**

Occupational employment projections estimate changes in occupational employment over time as a result of industry growth, technological changes, and other factors. Projection data are estimates and assume the continuation of historical trends, while acknowledging that a variety of events can occur during the projection period that can impact employment levels.

*Source: CA Employment Development Department*

##### Short-term projections:

Short-term (2-year) projections are based on quarterly average employment levels by industry for base and target quarters. Averages may reflect seasonality in some occupations.

*Source: CA Employment Development Department*

##### Long-term projections:

Long-term (10-year) projections are based on annual average employment levels by industry for base and target years. When using long-term projections data, it is important to note the annual average employment levels for seasonal occupations in agriculture, construction, retail sales, or recreation may vary significantly from seasonal peak periods.

*Source: CA Employment Development Department*

**Total Job Openings**

Total job openings represents the sum of growth (new jobs) and replacement needs. It is the sum of exits (projected number of workers leaving an occupation and exiting the labor force entirely), transfers (projected number of workers permanently leaving an occupation and transferring to a different occupation), and numeric change (projected number of job gains or losses in an occupation for the projection period).

*Source: CA Employment Development Department*

**Median Annual Wage**

Median wage estimates are the mid-point of the wage distribution. 50% of workers in an occupation earn wages below and 50% earn wages above the median wage.

*Source: CA Employment Development Department*

***Student Progress Measures*****Perkins Core Indicator 2: Completions**

This indicator measures student attainment of an industry-recognized credential, a certificate, or a degree. It is the percentage of leaver and completer concentrators who: 1) receive a degree, certificate, or equivalent; or 2) complete a transfer program and are classified as Transfer Ready.

*Source: CCCCCO Perkins Core Indicator Reports*

**Perkins Core Indicator 3: Persistence**

This indicator measures student retention in postsecondary education or transfer to a baccalaureate degree program. It is the percentage of student concentrators who: 1) persisted in education at the community college level, or 2) transferred to a four-year institution. It excludes Life-Long-Learners and those who left with a certificate or degree and did not transfer.

*Source: CCCCCO Perkins Core Indicator Reports*

**Perkins Core Indicator 4: Employment**

This indicator measures student placement in military service, apprenticeship programs, or placement or retention in employment, including placement in high skill, high wage, or high demand occupations or professions. It is the percentage of Career Technical Education (CTE) program leavers and completers who did not transfer to a two or four-year institution and who, during one of the four quarters following the cohort year, were in an apprenticeship program, Unemployment Insurance covered employment, the federal government, or the military.

*Source: CCCCCO Perkins Core Indicator Reports*

**Data Sources:**TOP-SOC Codes

Moreno Valley College active credit CTE program TOP Codes were obtained from the Chancellor's Office Curriculum Inventory System. The COE TOP-CIP-SOC crosswalk was used to match TOP Codes to SOC Codes.

### Total Job Openings and Median Annual Wage

Total job openings and median annual wage projection data were obtained from the CA Employment Development Department.

### Educational Attainment and Requirements

Educational attainment and requirement data were obtained from the U.S. Bureau of Labor Statistics and the COE TOP-CIP-SOC Crosswalk.

## II. Degrees and Certificates

At Moreno Valley College, the following active credit CTE programs are coded as TOP Code 120200 - Hospital and Health Care Administration:

Program Title	Program Award
Transcriptionist/Health Documentation Specialist	Certificate of Achievement requiring 16 to less than 30 semester units or 24 to less than 45 quarter units
Transcriptionist/Health Documentation Specialist	A.S. Degree

Source: The Chancellor's Office Curriculum Inventory System

## MVC Student Achievement

### Credit Program Awards (2020-2021) - TOP Code 120200

Total MVC Credit Program Awards	0
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Source: CCCCCO Datamart

### Perkins Core Indicators (2020-2021) - TOP Code 120200

MVC Perkins Core Indicator Report is not available for this TOP Code.

## III. Projected Job Outlook

Based on the TOP-CIP-SOC crosswalk provided by the COE, SOC Code 11-9111 was examined to complete the job outlook for TOP Code 120200.

### Short-Term Projections:

The table below shows short-term (2020-2022) occupational employment projections for the state of California in SOC Code 11-9111. Note, short-term projections are not available below the state level.

## California Short-Term Job Outlook - SOC Code 11-9111

SOC Code	Description	Total Job Openings	Median Annual Wage
11-9111	Medical and Health Services Managers	10,110	\$125,108

Sources: CA Employment Development Department

### Long-Term Projections:

The table below shows Inland Empire long-term (2018-2028) projected job openings and median wage, educational requirements, and educational attainment of individuals within this occupation.

### Inland Empire Long-Term Job Outlook - SOC Code 11-9111

SOC Code	Description	Education	% of Individuals with Some College, No Degree	% of Individuals with an Associate's Degree	% of Individuals with a Bachelor's Degree	Inland Empire Total Job Openings	Median Annual Wage
11-9111	Medical and Health Services Managers	Requires a Bachelor's or Higher	15.1%	11.6%	30.9%	2,556	\$123,911

Sources: CA Employment Development Department, COE Crosswalk, Bureau of Labor Statistics

It is projected that between 2018-2028 there will be 2,556 Inland Empire job openings in SOC Code 11-9111, Medical and Health Services Managers. According to the COE, this occupation typically requires a Bachelor's degree or higher. The Bureau of Labor Statistics estimates 30.9% of individuals in this occupation have a Bachelor's degree. Using the Insight Center Family Needs Calculator, the median annual wage of \$123,911 exceeds the self-sufficiency standard for the annual wage of a single adult in Riverside (\$29,421) and San Bernardino (\$28,602) counties.

### IV. Regional Completers

According to the CCCCO Datamart, there were no credit program awards in TOP Code 120200 at Inland Empire Community colleges in 2020-2021. Included in this analysis are the following community colleges: Barstow Community College, Chaffey College, College of the Desert, Copper Mountain College, Crafton Hills College, Moreno Valley College, Mt. San Jacinto College, Norco College, Palo Verde College, Riverside City College, San Bernardino Valley College, and Victor Valley College.

### V. Net Labor Demand

To estimate net annual labor demand, we consider the estimated number of job openings, minus the annual number of program completers. The estimated total annual job openings in the table below is calculated by dividing the total for the 10-year projection period by 10. The projected Inland Empire job openings

for SOC Code 11-9111 between 2018-2028 is 2,556. Dividing that number by 10 produces an annual estimate of 256 openings. With zero Inland Empire community college program completers for the year 2020-2021, there is an estimated net annual labor demand of 256.

**Net Annual Labor Demand - Inland Empire Community Colleges - TOP Code 120200**

Total Estimated Annual Job Openings	256
Program Completers (2020-2021)	0
<b>Net Annual Labor Demand</b>	<b>256</b>