

Moreno Valley College

**TOP Code 130520: Children with Special Needs**

Regional Labor Market Information and Analysis

August 2024

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

This report summarizes program completion and employment data to analyze the regional labor market for TOP Code 130520: Children with Special Needs. 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 1: Postsecondary Retention & Placement**

This indicator measures the percentage of CTE concentrators who, during the second quarter after program completion, remain enrolled in postsecondary education, are in advanced training, military service, a service program that receives assistance under title I of the National and Community Service Act of 1990, volunteers under the Peace Corps Act, or placed or retained in employment.

*Source: California Community Colleges, CCCCCO.edu*

**Perkins Core Indicator 2: Earned Postsecondary Credential**

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: California Community Colleges, CCCCCO.edu*

**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: California Community Colleges, CCCCCO.edu*

**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 and O\*Net Online were used to match TOP Codes to SOC Codes. Additional SOC Codes using Classification of Instructional Programs (CIP) codes may be found at the following link: <https://nces.ed.gov/ipeds/cipcode/post3.aspx?y=56>

### 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.

## II. Degrees and Certificates

At Moreno Valley College, the following active credit CTE programs are coded as TOP Code 130520 - Children with Special Needs:

Program Title	Program Award
Early Childhood Intervention Assistant	A.S. Degree
Early Childhood Intervention Assistant	Certificate of Achievement requiring 30 to < 60 semester units or 45 to < 90 quarter units

Source: *The Chancellor's Office Curriculum Inventory System*

## MVC Student Achievement

### Credit Program Awards (2022-2023) - TOP Code 130520

Total MVC Credit Program Awards	0
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Source: *CCCCO Datamart*

### Perkins Core Indicators (Cohort Year 2019-2020\*) - TOP Code 130520

Outcome	MVC	Statewide	Performance Goal
Core 1: Postsecondary Retention & Placement	<10	92.7%	74.5%
Core 2: Earned Postsecondary Credential	<10	94.8%	81.3%
Core 4: Employment	<10	61.2%	73.0%

Source: *CCCCO Perkins Core Indicator Reports*

\*Most recent cohort year data available

### III. Projected Job Outlook

Based on the TOP-CIP-SOC crosswalk provided by the COE, the SOC Code 25-2051: Special Education Teachers, Preschool was examined to complete the job outlook for TOP Code 130520.

#### Short-Term Projections:

The table below shows short-term (2023-2025) occupational employment projections for the state of California in SOC Code 25-2051. Note, short-term projections are not available below the state level.

#### California Short-Term Job Outlook - SOC Code 25-2051

SOC Code	Description	Total Job Openings	Median Annual Wage
25-2051	Special Education Teachers, Preschool	220	\$65,297

Source: CA Employment Development Department

#### Long-Term Projections:

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

#### Inland Empire Long-Term Job Outlook - SOC Code 25-2051

SOC Code	Description	Typical Education Needed for Entry	% of Individuals with Some College, No Degree	% of Individuals with an Associate's Degree	% of Individuals with a Bachelor's Degree	% of Individuals with a Master's Degree	Inland Empire Total Job Openings	Median Annual Wage
25-2051	Special Education Teachers, Preschool	Bachelor's degree	4.3%	2.5%	34.4%	51.1%	105	Data not available

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

\*2020-2030 Inland Empire job openings projections are not available for SOC Code 25-2051; therefore, 2018-2028 projections are reported for this SOC Code.

It is projected that between 2018-2028 there will be 105 Inland Empire job openings in the occupational category "Special Education Teachers, Preschool." According to the Bureau of Labor Statistics, this occupation typically requires a bachelor's degree. It is estimated that 34% of individuals in this occupational category have a bachelor's degree, and 51% have a master's degree. The MIT Living Wage Calculator estimates the annual living wage is \$53,601 for a single

person with no children in the Riverside-San Bernardino-Ontario metropolitan area. While median annual wage data is unavailable for the Inland Empire region, the statewide median wage of \$65,297 exceeds the living wage for the region.

#### IV. Regional Completers

The table below shows the number of degrees and credit certificates awarded in TOP Code 130520 at Inland Empire community colleges in 2022-2023. Included in this analysis are: 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.

Of these colleges, the following had credit program awards in this TOP Code in 2022-2023: Mt. San Jacinto College, Norco College, Palo Verde College, Riverside City College, and San Bernardino Valley College.

#### Inland Empire Community College Credit Program Awards 2022-2023 - TOP Code 130520

<b>Total Credit Program Awards</b>	<b>15</b>
<b>Associate Degrees</b>	<b>9</b>
Associate of Science (A.S.) degree	7
Associate of Arts (A.A.) degree	2
<b>Credit Certificates</b>	<b>6</b>
Certificate requiring 30 to < 60 semester units	4
Certificate requiring 16 to < 30 semester units	1
Certificate requiring 6 to < 18 semester units	1

Source: CCCCCO Datamart

#### 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 between 2018 and 2028 for the SOC Code 25-2051 is 105. Dividing that number by 10 produces an annual estimate of 11 openings. With 15 program completers for the year 2022-2023, there is an estimated net annual labor demand of -4.

**Net Annual Labor Demand - Inland Empire Community Colleges - TOP Code 130520**

Total Estimated Annual Job Openings - SOC Code 25-2051	11
Program Completers (2022-2023)	15
<b>Net Annual Labor Demand</b>	<b>-4</b>

In evaluating net labor demand, it is important to note that SOC Codes may match multiple TOP Codes. The table below shows the TOP Codes matching SOC Code 25-2051.

<b>SOC Code</b>	<b>TOP Code</b>
25-2051: Special Education Teachers, Preschool	080900: Special Education 130520: Children with Special Needs

Source: COE Crosswalk