



FAQ: Labor Market Information (LMI) for CTE Programs

MARCH 2020

Why did we create this FAQ?

The problem

- CTE programs need labor market information (LMI) and employment outcomes data for reporting and planning

Our goal

- Provide information about self-service data resources to CTE programs if they want to directly access LMI and employment outcomes data

Disclaimer

- This is not an exhaustive list of resources!

Contents

Jump to each question by clicking on the links below

- [My LMI question isn't listed here – who should I talk to?](#)
- [I'm new to LMI and would like to learn more on my own - where do I start?](#)
- [Is there a chance the LMI I need is in an existing report?](#)
- [What are TOP-CIP-SAM-SOC codes?](#)
- [How do I know which SOC codes correspond to my program's TOP code?](#)
- [How do I learn more about industry occupations and SOC codes?](#)
- [Where do I find employment outcome data for students in my program?](#)
- [How do I use the Strong Workforce Program dashboard?](#)
- [Are there other data sources with employment outcomes for CTE programs?](#)
- [How can I learn more about labor market supply and demand?](#)

Q: My LMI question isn't listed here – who should I talk to?

A: This FAQ focuses on data resources. If you need additional information about CTE program planning and reporting requirements, or any other LMI related concern, please contact John Carrese with the Centers of Excellence.

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Q: I'm new to LMI and would like to learn more on my own - where do I start?



LMI Guides

A brief overview of LMI sources, tailored to the questions that colleges commonly ask related to developing programs, curriculum, writing grants, program review, and regional planning.

A: If you'd like to find out more on your own, the Centers of Excellence (COE) offer a variety of resources to colleges. To help you get started, they created LMI Guides, providing an introduction to LMI, why it is important, and an overview of the labor market tools available to you.

How to access

coeccc.net > Tools for You > click LMI Guides (downloads .pdf file)

Direct link

[LMI Guides \(pdf\)](#)

Q: Is there a chance the LMI I need is in an existing report?

A: Yes, and it is a good idea to check! COE produces detailed regional labor market reports for specific industries. You can browse available reports on their website.

How to access

coeccc.net > Studies by Region > click Bay Area to expand menu > click View More

Direct link

[Studies by Region – Bay Area](#)

STUDIES BY REGION - BAY AREA ▾

Counties: Alameda, Contra Costa, Marin, Monterey, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, and Sonoma

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▾ Type	▾ Title	▾ Region	▴ Publish Date
 Report	Aircraft Powerplant Maintenance Technology Occupations Labor Market Information Report for Mid-Peninsula 	Bay Area	1/1/19

Q: What are TOP-CIP-SAM-SOC codes?

A: TOP-CIP-SAM-SOC codes are used by educational institutions and federal agencies to standardize and classify academic programs of study and occupations.

Taxonomy of Programs (TOP) codes: Six digit code assigned to courses and academic programs of study, describing course and program content. TOP codes are hierarchical; courses and programs can be referred to by their TOP2, TOP4, and TOP6 codes, with TOP2 codes the most general and TOP6 the most specific.

Examples: **TOP2 - 07** – Information Technology
 TOP6 - 0708.10 – Computer Networking

Classification of Instructional Programs (CIP) codes: CIP codes function similarly to TOP codes, but use a different classification system. CIP codes are not primarily used in California except for in federal reporting.

Example: **11.0901** – Computer Systems Networking and Telecommunications

Q: What are TOP-CIP-SAM-SOC codes?

A: TOP-CIP-SAM-SOC codes are used by educational institutions and federal agencies to standardize and classify academic programs of study and occupations.

Student Accountability Model (SAM) codes: Codes to designate courses as occupational or non-occupational based on the course sequence in a CTE program.

- Examples:
- B - **Advanced occupational** - taken by students in the advanced stages of their occupational programs
 - D - **Possibly occupational** - taken by students in the beginning stages of their occupational programs

Standard Occupational Classification (SOC) codes: Used to classify workers into occupational categories used to collect and report labor market data.

- Example: **15-1152** - Computer Network Support Specialists

Q: How do I know which SOC codes correspond to my program's TOP code?

A: The COE TOP-SOC crosswalk helps your academic program identify corresponding occupations, crosswalking program TOP codes to occupational SOC codes.

See the first tab in the spreadsheet for information about the crosswalk. You can browse TOP codes by TOP2, TOP4, and TOP6 codes.

How to access

coeccc.net > Tools for You > click TOP-SOC Crosswalk (downloads .xlsx file)

Direct link

[TOP-SOC Crosswalk](#)



TOP-SOC Crosswalk

Match California Community College TOP code programs to Standard Occupational Classification (SOC) codes and titles.

Q: How do I learn more about industry occupations and SOC codes?

A: Once you know the SOC code(s) that correspond to your TOP code, you can learn more about that SOC code through O*Net.

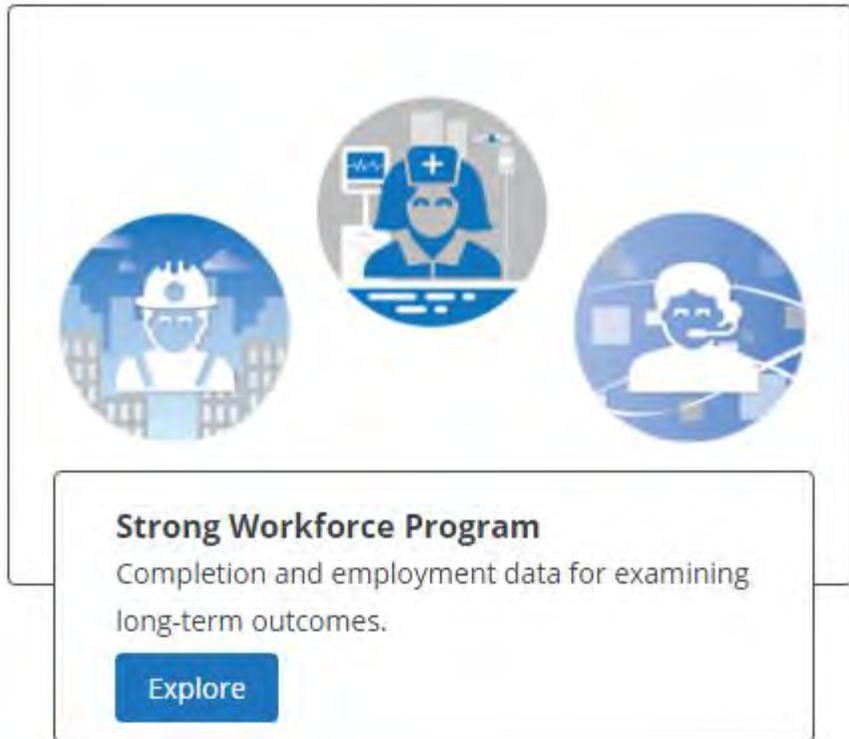
You can find occupations browsing by industry, use an advanced search based on occupational characteristics, or do a quick search for a specific SOC code. After selecting a SOC code you can see detailed information about the occupation, including typical tasks, technology skills, work activities, credentials, and more.

How to access

<https://www.onetonline.org/>



Q: Where do I find employment outcome data for students in my program?



A: The Strong Workforce Program dashboard, part of the CCCCO Launchboard, consolidates data from multiple sources to provide employment outcomes.

How to access

<https://www.calpassplus.org/Launchboard/SWP.aspx>

Most recent data available

2017-18 college outcomes and 2016-17 employment outcomes available now (March 2020). 2018-19 college outcomes and 2017-18 employment outcomes available by April 2020.

Q: How do I use the Strong Workforce Program dashboard?

The screenshot shows a filter interface for the Strong Workforce Program dashboard. At the top, there are radio buttons for 'All Search' (selected), 'Statewide', and 'Macroregion'. Below this, there are four main filter sections: 'PROGRAM OR SECTOR' with a dropdown menu showing 'All CTE Programs'; a second dropdown menu showing 'Statewide'; 'YEAR' with a dropdown menu showing '2017-2018'; and 'DRILL DOWN' with a dropdown menu showing 'Time Trend'. A yellow 'VIEW' button is located at the bottom right of the filter area.

1. Select a program or industry sector. Industry sectors are listed first, followed by TOP codes sorted alphabetically by description.
2. Default option selected is to see Statewide data, but you can choose to view data by:
 1. Macroregion: “Bay Area”; Microregion: “Mid-Peninsula”
 2. District: “San Francisco District” (all CCSF); College: “San Francisco Centers” (noncredit) or “City College of San Francisco” (credit)
3. Select the year and drill down option you want to view. You can see time trends or disaggregation by some demographic fields.
4. Press the View button to load the results.

Q: Are there other data sources with employment outcomes for CTE programs?



A: The Career and Technical Education Employment Outcomes Survey (CTEOS) is administered annually to all California community colleges.

Many outcomes collected in CTEOS are found in the SWP Dashboard, but additional Tableau visualizations and data can be found on the CTEOS website.

How to access

<https://cteos.santarosa.edu/>

Most recent data available

2019 CTEOS survey data (for students existing in 2016-17) now available. 2020 CTEOS currently being administered (as of March 2020).

Q: How can I learn more about labor market supply and demand?



Supply and Demand Tables

The COE have developed a suite of data tools to support the community college's decision-making with labor market data. Utilize these data tools to evaluate projected occupational demand and the supply of graduates from a program(s) of study.

A: COE provides tools to project occupation demand and the supply of graduates from a program(s) of study. Two spreadsheets are provided - one with information about regional workforce supply and one for labor market demand. COE provides written instructions and videos showing you how to use these tools.

How to access

coecc.net > Tools for You > click Supply and Demand tables

Direct link

[Supply and Demand Tables](#) – see Instructions before using for the first time