**Medical Assistants**

**Labor Market Information Report**

**City College of San Francisco**

Prepared by the San Francisco Bay Center of Excellence

for Labor Market Research

March 2020

# Recommendation

Based on all available data, there appears to be an undersupply of Medical Assistants compared to the demand for this occupation in the Bay region and in the Mid-Peninsula sub-region (San Francisco and San Mateo Counties). There is a projected annual gap of about 2,765 students in the Bay region and 168 students in the Mid-Peninsula Sub-Region.

This report also provides student outcomes data on employment and earnings for programs on Medical Assisting -TOP 1208.00 in the state and region. It is recommended that these data be reviewed to better understand how outcomes for students taking courses on this TOP code compare to potentially similar programs at colleges in the state and region, as well as to outcomes across all CTE programs at City College of San Francisco and in the region.

# Introduction

This report profiles Medical Assistants in the 12 county Bay region and in the Mid-Peninsula sub-region for a program modification at City College of San Francisco.

|  |
| --- |
| * **Medical Assistants (SOC 31-9092):** Perform administrative and certain clinical duties under the direction of a physician. Administrative duties may include scheduling appointments, maintaining medical records, billing, and coding information for insurance purposes. Clinical duties may include taking and recording vital signs and medical histories, preparing patients for examination, drawing blood, and administering medications as directed by physician. Excludes "Physician Assistants" (29-1071). |
| Entry-Level Educational Requirement: Postsecondary nondegree *award* |
| Training Requirement: None |
| Percentage of Community College Award Holders or Some Postsecondary Coursework: 65% |

# Occupational Demand

**Table 1. Employment Outlook for Medical Assistants in Bay Region**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Occupation | 2018 Jobs | 2023 Jobs | 5-Yr Change | 5-Yr % Change | 5-Yr Open-ings | Average Annual Open-ings | 25% Hourly Wage | Median Hourly Wage |
| Medical Assistants | 21,424 | 24,277 | 2,853 | 13% | 15,274 | 3,055 | $16.62 | $21.02 |

*Source: EMSI 2019.4*

**Bay Region** includes Alameda, Contra Costa, Marin, Monterey, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano and Sonoma Counties

**Table 2. Employment Outlook for Medical Assistants in Mid-Peninsula Sub-Region**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Occupation | 2018 Jobs | 2023 Jobs | 5-Yr Change | 5-Yr % Change | 5-Yr Open-ings | Average Annual Open-ings | 25% Hourly Wage | Median Hourly Wage |
| Medical Assistants | 1,785 | 1,977 | 191 | 11% | 1,221 | 244 | $15.72 | $18.54 |

*Source: EMSI 2019.4*

**Mid Peninsula Sub-Region** includes San Francisco and San Mateo Counties

# Educational Supply

There are 11 community colleges in the Bay Region issuing 290 awards on average annually (last 3 years) on Medical Assisting - TOP 1208.00. There are three colleges in the Mid-Peninsula Sub-Region issuing 76 awards on average annually (last 3 years) on this TOP code.

**Table 7. Awards on Medical Assisting - TOP 1208.00 in Bay Region**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| College | Sub-Region | Associates | Certificate 18+ Units | Certificate Low Unit | Total |
| Cabrillo College | Santa Cruz-Monterey | 18 | 45 | 12 | 75 |
| Cañada College | Mid-Peninsula | 14 | 21 |  | 35 |
| Chabot College | East Bay | 9 | 23 |  | 32 |
| City College of San Francisco | Mid-Peninsula | 13 | 25 |  | 38 |
| College of Marin | North Bay |  | 1 |  | 1 |
| Contra Costa College | East Bay | 11 | 27 |  | 38 |
| De Anza College | Silicon Valley | 9 | 11 |  | 20 |
| Monterey Peninsula College | Santa Cruz-Monterey | 8 | 5 |  | 13 |
| San Jose City College | Silicon Valley | 12 | 10 |  | 22 |
| Santa Rosa Junior College | North Bay | 5 | 8 |  | 13 |
| Skyline College | Mid-Peninsula | 1 |  | 2 | 3 |
| **Total Bay Region** | | **100** | **176** | **14** | **290** |
| **Total Mid-Peninsula Sub-Region** | | **28** | **46** | **2** | **76** |

# *Source: Data Mart*

Note: The annual average for awards is 2015-16 to 2017-18.

# Gap Analysis

Based on the data included in this report, there is a large labor market gap in the Bay region with 3,055 annual openings for Medical Assistants and 290 annual (3-year average) awards for an annual undersupply of 2,765 students. In the Mid- Peninsula Sub-Region, there is also a gap with 244 annual openings and 76 annual (3-year average) awards for an annual undersupply of 168 students.

# Student Outcomes

**Table 8. Four Employment Outcomes Metrics for Students Who Took Courses on Medical Assisting – TOP 1208.00**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2015-16 | Bay  (All CTE Programs) | City College of San Francisco (All CTE Programs) | State (1208.00) | Bay (1208.00) | Mid Peninsula (1208.00) | City College of San Francisco (1208.00) |
| % Employed Four Quarters After Exit | 74% | 72% | 74% | 82% | 78% | 94% |
| Median Quarterly Earnings Two Quarters After Exit | $10,550 | $10,170 | $7,352 | $8,108 | $9,873 | $12,308 |
| Median % Change in Earnings | 46% | 31% | 106% | 129% | 79% | n/a |
| % of Students Earning a Living Wage | 63% | 65% | 40% | 51% | 54% | n/a |

*Source: Launchboard Pipeline (version available on 3/9/20)*

# Methodology

Occupations for this report were identified by use of skills listed in O\*Net descriptions and job descriptions in Burning Glass. Labor demand data is sourced from Economic Modeling Specialists International (EMSI) occupation data and Burning Glass job postings data. Educational supply and student outcomes data is retrieved from multiple sources, including CTE Launchboard and CCCCO Data Mart.

# Sources

O\*Net Online

Labor Insight/Jobs (Burning Glass)

Economic Modeling Specialists International (EMSI)

CTE LaunchBoard [www.calpassplus.org/Launchboard/](http://www.calpassplus.org/Launchboard/)

Statewide CTE Outcomes Survey

Employment Development Department Unemployment Insurance Dataset

Living Insight Center for Community Economic Development

Chancellor’s Office MIS system

# Contacts

For more information, please contact:

* Doreen O’Donovan, Research Analyst, for Bay Area Community College Consortium (BACCC) and Centers of Excellence (CoE), [doreen@baccc.net](mailto:doreen@baccc.net) or (831) 479-6481
* John Carrese, Director, San Francisco Bay Center of Excellence for Labor Market Research, [jcarrese@ccsf.edu](mailto:jcarrese@ccsf.edu) or (415) 267-6544