**** **Repertory Theatre Occupations**

**Labor Market Information Report**

Prepared by the San Francisco Bay Center of Excellence

for Labor Market Research

June 2018

# Recommendation

Based on all available data, there appears to be an undersupply of Repertory Theatre workers compared to the demand for this cluster of occupations in the Bay region and in the North Bay sub-region (Marin, Napa, Solano, and Sonoma Counties). The annual gap is about 955 students annually in the Bay region and 157 in the North Bay.

This report also provides student outcomes data on employment and earnings for programs on TOP Code 1006.00 - Technical Theater in the state and region. It is recommended that this data be reviewed to better understand how outcomes for Santa Rosa Junior College (SJRC) 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 SJRC and in the region.

# Introduction

This report profiles Repertory Theatre Occupations in the 12 county Bay region and in the North Bay sub-region for a new program at Santa Rosa Junior College. Please note that COE decided not to include General and Operations Managers (SOC 11-1021) in the occupational cluster since this occupation code is very broad and usually selected for occupations aligned to general business programs. In addition, the demand for this SOC code would dwarf the results of the other four other SOC codes selected, which are more in alignment with the program and TOP code selected.

|  |
| --- |
| * **Set and Exhibit Designers (SOC 27-1027):** Design special exhibits and movie, television, and theater sets. May study scripts, confer with directors, and conduct research to determine appropriate architectural styles. |
| *Entry-Level Educational Requirement: Bachelor's degree* |
| *Training Requirement: None* |
| *Percentage of Community College Award Holders or Some Postsecondary Coursework: 29%* |
|  |
| * **Actors (SOC 27-2011):** Play parts in stage, television, radio, video, motion picture productions, or other settings for entertainment, information, or instruction. Interpret serious or comic role by speech, gesture, and body movement to entertain or inform audience. May dance and sing. |
| *Entry-Level Educational Requirement: Some college, no degree* |
| *Training Requirement: Long-term on-the-job training* |
| *Percentage of Community College Award Holders or Some Postsecondary Coursework: 30%* |
|  |
| * **Musicians and Singers (SOC 27-2042):** Play one or more musical instruments or sing. May perform on stage, for on-air broadcasting, or for sound or video recording. |
| *Entry-Level Educational Requirement: No formal educational credential* |
| *Training Requirement: Long-term on-the-job training* |
| *Percentage of Community College Award Holders or Some Postsecondary Coursework: 25%* |
|  |
| * **Costume Attendants (SOC 39-3092)**: Select, fit, and take care of costumes for cast members, and aid entertainers. May assist with multiple costume changes during performances. |
| *Entry-Level Educational Requirement: High school diploma or equivalent* |
| *Training Requirement: Short-term on-the-job training* |
| *Percentage of Community College Award Holders or Some Postsecondary Coursework: 37%* |

# Occupational Demand

**Table 1. Employment Outlook for Repertory Theatre Occupations in Bay Region**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Occupation | 2017 Jobs | 2022 Jobs | 5-Yr Change | 5-Yr % Change | 5-Yr Open-ings | Annual Open-ings | 10% Hourly Wage | Median Hourly Wage |
| Set and Exhibit Designers | 470 | 499 | 28 | 6% | 253 | 51 | $16.37 | $23.96 |
| Actors | 1,557 | 1,651 | 95 | 6% | 900 | 180 | $12.76 | $17.31 |
| Musicians and Singers | 6,609 | 6,778 | 169 | 3% | 3,426 | 685 | $12.83 | $18.33 |
| Costume Attendants | 185 | 199 | 14 | 8% | 230 | 46 | $10.87 | $21.69 |
| **Total** | **8,821** | **9,127** | **306** | **3%** | **4,809** | **962** | **$12.96** | **$18.52** |

*Source: EMSI 2018.2*

**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 Repertory Theatre Occupations in North Bay Sub-Region**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Occupation | 2017 Jobs | 2022 Jobs | 5-Yr Change | 5-Yr % Change | 5-Yr Open-ings | Annual Open-ings | 10% Hourly Wage | Median Hourly Wage |
| Set and Exhibit Designers | 43 | 45 | 2 | 4% | 23 | 5 | $20.15 | $22.58 |
| Actors | 323 | 310 | (13) | (4%) | 165 | 33 | $15.30 | $17.89 |
| Musicians and Singers | 1,101 | 1,118 | 17 | 2% | 573 | 115 | $16.14 | $18.18 |
| Costume Attendants | 18 | 19 | 1 | 5% | 22 | 4 | $20.61 | $25.47 |
| **Total** | **1,485** | **1,492** | **7** | **.5%** | **783** | **157** | **$16.13** | **$18.33** |

*Source: EMSI 2018.2*

**North Bay Sub-Region** includes Marin, Napa, Solano, and Sonoma Counties

### Job Postings in Bay Region and North Bay Sub-Region

**Table 3. Number of Job Postings by Occupation for latest 12 months (June 2017 - May 2018)**

|  |  |  |
| --- | --- | --- |
| Occupation | Bay | North Bay |
| Actor | 88 | 7 |
| Musician, Instrumental | 32 | 0 |
| Set and Exhibit Designer | 20 | 0 |
| Singer | 18 | 1 |
| Costume Attendants | 4 | 1 |
| **Total** | **162** | **9** |

*Source: Burning Glass*

**Table 4. Top Job Titles for Repertory Theatre Occupations for latest 12 months (June 2017 – May 2018)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Common Title | Bay | Common Title | Bay | Common Title | North Bay |
| Actor | 14 | Entertainment Performer | 4 | Entertainment Performer | 3 |
| Musician | 7 | Entertainment Teacher/Performer | 4 | Entertainment Costume Character | 2 |
| Presenter/Performer | 5 | Event Set | 4 |  |  |
| Accompanist, Choral, Pool | 4 | Piano Accompanist | 4 |  |  |

*Source: Burning Glass*

# Industry Concentration

**Table 5. Industries hiring Repertory Theatre Workers in Bay Region**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Industry – 6 Digit NAICS (No. American Industry Classification) Codes** | **Jobs in Industry (2017)** | **Jobs in Industry (2022)** | **% Change (2017-22)** | **% in Industry (2017)** |
| Independent Artists, Writers, and Performers (711510) | 3,135 | 3,154 | 1% | 35.5% |
| Religious Organizations (813110) | 1,767 | 1,845 | 4% | 20.0% |
| Musical Groups and Artists (711130) | 743 | 719 | (3%) | 8.4% |
| Theater Companies and Dinner Theaters (711110) | 550 | 614 | 12% | 6.2% |
| Motion Picture and Video Production (512110) | 334 | 349 | 4% | 3.8% |
| Other Spectator Sports (711219) | 273 | 289 | 6% | 3.1% |
| Dance Companies (711120) | 249 | 264 | 6% | 2.8% |
| Promoters of Performing Arts, Sports & Similar Events without Facilities (711320) | 133 | 128 | (4%) | 1.5% |
| Colleges, Universities, and Professional Schools (611310) | 120 | 136 | 13% | 1.4% |
| Promoters of Performing Arts, Sports & Similar Events with Facilities (711310) | 113 | 122 | 8% | 1.3% |
| Agents and Managers for Artists, Athletes, Entertainers & Other Public Figures (711410) | 110 | 105 | (5%) | 1.2% |

*Source: EMSI 2018.2*

**Table 6. Top Employers Posting Repertory Theatre Occupations in Bay and North Bay (June 2017 – May 2018)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Employer** | **Bay** | **Employer** | **Bay** | **Employer** | **North Bay** |
| Six Flags Incorporated | 7 | Kate Spade | 4 | Six Flags Inco | 7 |
| US Army | 7 | Ringtail Learning Inc | 4 | Marin Theatre Company | 1 |
| California State University | 6 | Safe Sound | 4 |  |  |
| California Weekly Explorer Inc | 4 | San Ramon Valley Unified School District | 4 |  |  |
| Fudgery | 4 |  |  |  |  |

*Source: Burning Glass*

# Educational Supply

There are five colleges in the Bay Region issuing 8 awards annually on TOP Code 1006.00 - Technical Theater. There are no North Bay colleges issuing awards.

**Table 7. Awards on TOP 1006.00 - Technical Theater**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| College | Sub-Region | Headcount | Associates | Certificates | Total |
| Diablo Valley | East Bay | 152 | 1 | 1 | 2 |
| Foothill | Silicon Valley | 82 | 3 | 0 | 3 |
| Monterey | SC \_ Monterey | 11 | 0 | 1 | 1 |
| Ohlone | East Bay | 113 | 1 | 0 | 1 |
| West Valley | Silicon Valley | 50 | 1 | 0 | 1 |
| San Francisco | Mid Peninsula | 36 | 0 | 0 | 0 |
| Marin | North Bay | 41 | 0 | 0 | 0 |
| Los Positas | East Bay | 27 | 0 | 0 | 0 |
| Santa Rosa | North Bay | 86 | 0 | 0 | 0 |
| Solano | North Bay | 47 | 0 | 0 | 0 |
| **Total Bay Region** | | **645** | **6** | **1** | **8** |
| **Total North Bay Sub-Region** | | **174** | **0** | **0** | **0** |

# *Source: IPEDS, Data Mart and Launchboard*

NOTE: Headcount of students who took one or more courses is for 2016-17. The annual average for awards is 2014-17 unless there are only awards in 2016-17.

# Gap Analysis

Based on the data included in this report, there is a large labor market gap in the Bay region with 962 annual openings for the Repertory Theatre occupational cluster and eight annual awards for an annual undersupply of 954. In the North Bay, there is also a gap with 157 annual openings and no annual awards for an annual undersupply of 157.

# Student Outcomes

**Table 8. Four Employment Outcomes Metrics for Students Who Took Courses on TOP 1006.00 - Technical Theater**Note:The only program in the Bay region on this TOP code which has sufficient data to show outcomes is Santa Rosa. Therefore, the top colleges in the state are shown instead of the top colleges in the region for each metric.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **2015-16** | **Bay  (All CTE Programs)** | **Santa Rosa**  **(All CTE Programs)** | **State (1006.00)** | **Bay (1006.00)** | **Santa Rosa (1006.00)** | **Top College in State on 1006.00** | |
| % Employed Four Quarters After Exit | 74% | 78% | 65% | 70% | 86% | Rio Hondo | 92%  (12 out of 13) |
| Median Earnings Two Quarters After Exit | $9,875 | $10,170 | $4,485 | $4,548 | $5,665 | Citrus College | $8,000  (no of students n/a) |
| Median % Change in Earnings | 46% | 44% | 108% | 170% | 171% | Allan Hancock | 302%  (no of students n/a) |
| % of Students Earning a Living Wage | 63% | 62% | 10% | 14% | 14% | Citrus College | 50%  (10 out of 20) |

*Source: Launchboard Pipeline (version available on 6/14/18)*

# Skills, Certificates and Education

**Table 9. Top Skills for Repertory Theatre Occupations in Bay Region (June 2017 - May 2018)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Skill** | **Postings** | **Skill** | **Postings** | **Skill** | **Postings** |
| Music | 34 | Teamwork/Collaboration | 18 | Sales | 9 |
| Teaching | 27 | Piano | 13 | Customer Contact | 8 |
| Scheduling | 19 | Cleaning | 11 | Guitar | 8 |
| Singing | 19 | Customer Service | 10 | Music Theory | 8 |
|  |  |  |  | Repair | 8 |

*Source: Burning Glass*

**Table 10. Education Requirements for Repertory Theatre Occupations in Bay Region**

Note: 64% of records have been excluded because they do not include a degree level. As a result, the chart below may not be representative of the full sample.

|  |  |
| --- | --- |
| **Education (minimum advertised)** | **Latest 12 Mos. Postings** |
| High school or vocational training | 30 (52%) |
| Associate Degree | 1 (2%) |
| Bachelor’s Degree or Higher | 27 (46%) |

*Source: Burning Glass*

# 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, Data 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) 452-5529