**Supervision and Management Occupations**

**Labor Market Information Report**

Prepared by the San Francisco Bay Center of Excellence

for Labor Market Research

March 2018

# Recommendation

Based on all available data, there appears to be an undersupply of Supervisors and Managers in the Bay region, even if Bachelor’s degrees on three CIP codes are included in the supply number. The gap is 3,443 in the region and 605 in the Mid-Peninsula sub-region (San Francisco and San Mateo Counties). However, there may be other Supervision and Management programs on CIP codes not included that also train for the cluster of occupations selected. In addition, there are certainly other occupations (SOC codes) that the programs, included in this report, train students to enter.

This report also provides student outcomes data on employment and earnings for TOP code 0506.30 - Management Development and Supervision. It is recommended that this data be reviewed to better understand how student outcomes on this TOP code compare to potentially similar programs at colleges in the state, region and sub-region, as well as to outcomes across all CTE programs at City College of San Francisco (CCSF) and in the region.

# Introduction

This report profiles Supervision and Management occupations in the 12 county Bay region and the Mid-Peninsula sub-region (San Francisco and San Mateo counties) for a proposed new degree program in Supervision and Management at CCSF.

* **Administrative Services Managers (SOC 11-3011):** Plan, direct, or coordinate one or more administrative services of an organization, such as records and information management, mail distribution, facilities planning and maintenance, custodial operations, and other office support services.

*Entry-Level Educational Requirement:* *Bachelor’s Degree*

*Training Requirement:* *None*

*Percentage of Community College Award Holders or Some Postsecondary Coursework:* 38%

* **Food Service Managers (SOC 11-9051):** Plan, direct, or coordinate activities of an organization or department that serves food and beverages.

*Entry-Level Educational Requirement:* *High school diploma or equivalent*

*Training Requirement:* *None*

*Percentage of Community College Award Holders or Some Postsecondary Coursework:* 37%

* **Lodging Managers (SOC 11-9081):** Plan, direct, or coordinate activities of an organization or department that provides lodging and other accommodations.

*Entry-Level Educational Requirement:* *High school diploma or equivalent*

*Training Requirement:* *None*

*Percentage of Community College Award Holders or Some Postsecondary Coursework:* 37%

* **Property, Real Estate, and Community Association Managers (SOC 11-9141):** Plan, direct, or coordinate the selling, buying, leasing, or governance activities of commercial, industrial, or residential real estate properties. Includes managers of homeowner and condominium associations, rented or leased housing units, buildings, or land (including rights-of-way).

*Entry-Level Educational Requirement:* *High school diploma or equivalent*

*Training Requirement:* *None*

*Percentage of Community College Award Holders or Some Postsecondary Coursework:* 35%

* **First-Line Supervisors of Office and Administrative Support Workers (43-1011):** Directly supervise and coordinate the activities of clerical and administrative support workers.

*Entry-Level Educational Requirement:* *Bachelor’s Degree*

*Training Requirement:* *None*

*Percentage of Community College Award Holders or Some Postsecondary Coursework:* 40%

# Occupational Demand

**Table 1. Employment Outlook for Supervision and Management Occupations in Bay Region**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Occupation | 2017 Jobs | 2022 Jobs | 5-Yr Change | 5-Yr % Change | 5-year Open-ings | Annual Open-ings | 10% Hrly Wage | Median Hrly Wage |
| Administrative Services Managers | 11,524 | 12,378 | 854  | 7% | 5,571 | 1,114 | $28.48  | $52.36  |
| Food Service Managers | 12,888 | 13,812 | 924  | 7% | 7,932 | 1,586 | $9.81  | $18.24  |
| Lodging Managers | 1,548 | 1,584 | 36  | 2% | 851 | 170 | $13.75  | $26.13  |
| Property, Real Estate & Community Association Managers | 10,931 | 11,404 | 472  | 4% | 4,698 | 940 | $18.72  | $26.43  |
| First-Line Supervisors of Office & Admin Support Workers | 40,131 | 43,574 | 3,443  | 9% | 23,700 | 4,740 | $19.52  | $30.15  |
| **Total** | **77,023** | **82,753** | **5,730** | **7%** | **42,752** | **8,550** | **$19.01**  | **$30.87**  |

*Source: EMSI 2018.1***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 Supervision and Management Occupations in Mid-Peninsula Sub-Region**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Occupation | 2017 Jobs | 2022 Jobs | 5-Yr Change | 5-Yr % Change | 5-year Open-ings | Annual Open-ings | 10% Hrly Wage | Median Hrly Wage |
| Administrative Services Managers | 3,507 | 3,829 | 321  | 9% | 1,768 | 354 | $29.85  | $55.15  |
| Food Service Managers | 3,423 | 3,684 | 262  | 8% | 2,127 | 425 | $9.94  | $22.86  |
| Lodging Managers | 569 | 567 | (2) |  (0%) | 293 | 59 | $15.42  | $30.44  |
| Property, Real Estate & Community Association Managers | 3,518 | 3,743 | 226  | 6% | 1,590 | 318 | $19.23  | $39.03  |
| First-Line Supervisors of Office & Admin Support Workers | 10,661 | 11,784 | 1,123  | 11% | 6,553 | 1,311 | $21.73  | $31.83  |
| **Total** | **21,678** | **23,607** | **1,929**  | **9%** | **12,331** | **2,466** | **$20.61**  | **$35.32**  |

*Source: EMSI 2018.1***Mid-Peninsula Sub-Region** includes San Francisco and San Mateo Counties

### Job Postings in Bay Region and Mid-Peninsula Sub-Region

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

|  |  |  |
| --- | --- | --- |
| Occupation | Bay Region | Mid-Peninsula |
| First-Line Supervisors of Office and Administrative Support Workers (43-1011) | 7,325 | 3,063 |
| Administrative Services Managers (11-3011) | 3,192 | 1,325 |
| Property, Real Estate, and Community Association Managers (11-9141) | 2,319 | 815 |
| Food Service Managers (11-9051) | 2,316 | 725 |
| Lodging Managers (11-9081) | 956 | 380 |
| **Total** | **16,108** | **6,308** |

*Source: Burning Glass*

**Table 4. Top Job Titles for Supervision and Management Occupations for latest 12 months (March 2017 - February 2018)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Common Title | Bay | Mid-Peninsula | Common Title | Bay  | Mid-Peninsula |
| Office Manager | 1,817 | 829 | Accounts Payable Manager | 141 | 73 |
| Community Manager | 576 | 236 | Administrative Manager | 132 | 50 |
| General Manager | 565 | 109 | Customer Service Supervisor | 129 | 22 |
| Facilities Manager | 561 | 217 | Administrative Analyst | 120 | 81 |
| Assistant Manager | 507 | 165 | Accounting Supervisor | 115 | 40 |
| Property Manager | 443 | 142 | Property Administrator | 106 | 38 |
| Payroll Manager | 357 | 172 | Assistant Restaurant Manager | 94 | 24 |
| Kitchen Manager | 338 | 114 | Practice Manager | 91 | 35 |
| Customer Success Manager | 332 | 223 | Payroll Supervisor | 89 | 25 |
| Front Office Manager | 314 | 139 | Accounts Payable Supervisor | 83 | 31 |
| Customer Service Manager | 273 | 91 | Business Manager | 83 | 17 |
| Restaurant General Manager | 262 | 80 | Coordinator | 80 | 26 |
| Assistant Property Manager | 186 | 58 | Administrative Director | 73 | 15 |
| Store Associate | 168 | 19 | Food Service Manager | 70 | 22 |
| Front Office Supervisor | 166 | 60 | Administrative Supervisor | 68 | 13 |
| Director of Facilities | 144 | 57 | Assistant Store Manager | 62 | 16 |

*Source: Burning Glass*

# Industry Concentration

**Table 5a. Industries hiring Supervisors and Managers in Bay Region**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Industry – 3 Digit NAICS (No. American Industry Classification) Codes | Jobs in Industry (2017) | Jobs in Industry (2022) | % Change (2017-22) | % in Industry (2017) |
| Food Services and Drinking Places (722) | 10,994 | 11,804 | 7% | 14.3% |
| Real Estate (531) | 9,931 | 10,365 | 4% | 12.9% |
| Professional, Scientific, and Technical Services (541) | 5,458 | 6,104 | 12% | 7.1% |
| Ambulatory Health Care Services (621) | 4,710 | 5,409 | 15% | 6.1% |
| Local Government (903) | 4,426 | 4,689 | 6% | 5.7% |
| Credit Intermediation and Related Activities (522) | 3,339 | 3,350 | 0% | 4.3% |
| Accommodation (721) | 3,060 | 3,172 | 4% | 4.0% |
| Administrative and Support Services (561) | 2,831 | 3,061 | 8% | 3.7% |
| Management of Companies and Enterprises (551) | 2,655 | 2,683 | 1% | 3.4% |
| State Government (902) | 1,800 | 1,843 | 2% | 2.3% |
| Social Assistance (624) | 1,745 | 2,001 | 15% | 2.3% |
| Educational Services (611) | 1,444 | 1,592 | 10% | 1.9% |
| General Merchandise Stores (452) | 1,431 | 1,690 | 18% | 1.9% |
| Religious, Grantmaking, Civic, Professional & Similar Organizations (813) | 1,426 | 1,500 | 5% | 1.9% |
| Food and Beverage Stores (445) | 1,398 | 1,486 | 6% | 1.8% |
| Merchant Wholesalers, Durable Goods (423) | 1,355 | 1,411 | 4% | 1.8% |
| Hospitals (622) | 1,250 | 1,232 |  (1%) | 1.6% |
| Insurance Carriers and Related Activities (524) | 1,179 | 1,317 | 12% | 1.5% |
| Computer and Electronic Product Manufacturing (334) | 1,081 | 1,055 |  (2%) | 1.4% |
| Nursing and Residential Care Facilities (623) | 1,057 | 1,186 | 12% | 1.4% |
| Other Information Services (519) | 874 | 1,095 | 25% | 1.1% |

*Source: EMSI 2018.1*

**Table 5b. Industries hiring Supervisors and Managers in Mid-Peninsula Sub-Region**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Industry – 3 Digit NAICS (No. American Industry Classification) Codes | Jobs in Industry (2017) | Jobs in Industry (2022) | % Change (2017-22) | % in Industry (2017) |
| Real Estate (531) | 3,154 | 3,349 | 6% | 14.5% |
| Food Services and Drinking Places (722) | 2,869 | 3,097 | 8% | 13.2% |
| Professional, Scientific, and Technical Services (541) | 2,007 | 2,367 | 18% | 9.3% |
| Credit Intermediation and Related Activities (522) | 1,200 | 1,245 | 4% | 5.5% |
| Accommodation (721) | 1,101 | 1,097 |  (0%) | 5.1% |
| Local Government (903) | 1,072 | 1,153 | 8% | 4.9% |
| Management of Companies and Enterprises (551) | 1,011 | 1,139 | 13% | 4.7% |
| Ambulatory Health Care Services (621) | 794 | 929 | 17% | 3.7% |
| Administrative and Support Services (561) | 786 | 848 | 8% | 3.6% |
| State Government (902) | 617 | 593 |  (4%) | 2.8% |
| Social Assistance (624) | 496 | 561 | 13% | 2.3% |
| Securities, Commodity Contracts, and Other Financial Investments and Related Activities (523) | 458 | 514 | 12% | 2.1% |
| Religious, Grantmaking, Civic, Professional & Similar Organizations (813) | 436 | 468 | 7% | 2.0% |
| Educational Services (611) | 344 | 368 | 7% | 1.6% |
| Other Information Services (519) | 323 | 418 | 29% | 1.5% |
| Air Transportation (481) | 321 | 349 | 9% | 1.5% |

*Source: EMSI 2018.1*

**Table 6. Top Employers Posting Jobs in Bay Region and Mid-Peninsula for latest 12 months (March 2017 - February 2018)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Employer** | **Bay** | **Employer** | **Bay**  | **Employer** | **Mid-Peninsula**  |
| Marriott International Inc | 204 | California State University | 58 | Marriott International Inc | 116 |
| The Home Depot Inc | 156 | Cassidy Turley | 57 | Jones Lang Lasalle Inc | 76 |
| Aramark | 138 | Rent-A-Center | 56 | Wells Fargo | 63 |
| University of California | 138 | SF Public Utilities Commission | 56 | Hilton Hotel Corporation | 56 |
| Jones Lang Lasalle Inc | 132 | Dignity Health | 55 | SF Public Utilities Commission | 56 |
| Stanford University | 127 | Extended Stay Hotels | 54 | Dignity Health | 54 |
| H&R Block | 118 | Facebook | 54 | Facebook | 54 |
| Hilton Hotel Corporation | 116 | University of California Berkeley | 49 | Aramark | 49 |
| Chipotle Mexican Grill | 107 | Gileda | 48 | University of California | 49 |
| Hyatt | 91 | Jll | 48 | Gilead | 48 |
| Sodexo | 83 | Cbre | 47 | Intercontinental Hotels Group | 40 |
| Wells Fargo | 80 | Apple Inc. | 46 | Hyatt | 34 |
| Kaiser Permanente | 77 | Destination Hotels & Resorts | 46 | Sfmta | 33 |
| Compass Group | 76 | Google Inc. | 46 | Sodexo | 33 |
| Boston Market | 75 | Deloitte | 45 | Deloitte | 30 |
| Interstate Hotels & Resorts | 73 | Intercontinental Hotels Group | 45 | Jll | 30 |
| UC San Diego | 72 | Eden Housing Incorporated | 43 | University of California San Francisco | 30 |
| Accenture | 68 | Greystar Management Services | 42 | Salesforce.Com | 29 |
| Alliance Residential Company | 61 | Essex Junction Schools | 41 | Accenture | 26 |

*Source: Burning Glass*

# Educational Supply

On the supply side, there are seven community colleges issuing 96 awards annually and two other postsecondary educational institutions issuing ten awards annually for a total of 106 awards in the region. CCSF is the only community college in the Mid-Peninsula sub-region issuing awards; an average of 12 annually. In addition, there are 18 four-year educational institutions offering 5,001 Bachelor’s degrees annually in the region (see Table 7b).

**Table 7a. Supervision and Management Programs in Bay Region on TOP 0506.30 - Management Development and Supervision or CIP 52.0201 - Business Administration and Management, General or CIP 52.0205 -Operations Management and Supervision or CIP 52.0903 - Tourism and Travel Services Management**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **College** | **Sub-region** | **CC Head-count** | **No. of Transfer Students** | **Associate Degrees** | **Certificates** | **Total Awards** |
| Chabot | East Bay | n<10 | n<10 | 9 | 24 | 33 |
| Diablo Valley | East Bay | 51 | n<10 | 0 | 0 | 0 |
| Evergreen Valley | Silicon Valley | 24 | n<10 | 0 | 0 | 0 |
| Gavilan | Silicon Valley | 62 | n<10 | 0 | 0 | 0 |
| Laney | East Bay | 145 | n<10 | 4 | 18 | 22 |
| Las Positas | East Bay | 51 | n<10 | 0 | 1 | 1 |
| Los Medanos | East Bay | 92 | n<10 | 3 | 9 | 12 |
| Merritt | East Bay | 32 | n<10 | 0 | 0 | 0 |
| Ohlone | East Bay | 133 | n<10 | 3 | 5 | 8 |
| San Francisco | Mid-Peninsula | 13 | n<10 | 0 | 16 | 16 |
| Santa Rosa | North Bay | 78 | n<10 | 0 | 4 | 4 |
| West Valley | Silicon Valley | 37 | n<10 | 0 | 0 | 0 |
| Golden Gate University-SF | Mid-Peninsula | n/a | n/a | 0 | 2 | 2 |
| Empire College | North Bay | n/a | n/a | 1 | 7 | 8 |
| **Total Bay region** | **725** | **42** | **10** | **86** | **106** |
| **Total Mid-Peninsula** | **13** | **2** | **0** | **18** | **18** |

# *Source: IPEDS, Data Mart and Launchboard*

NOTE: Headcount of students who took one or more courses is for 2016-17. Associate degrees and Certificates for Community Colleges is the annual average for 2014-17. Number of transfer students is for 2015-16. The annual average certificates for Other Postsecondary Educational Institutes is for 2013-16.

**Table 7b. Bachelor’s Degrees in Supervision and Management Programs in Bay Region on CIP 52.0201 - Business Administration and Management, General or CIP 52.0205 - Operations Management and Supervision or CIP 52.0901 - Hospitality Administration/Management, General**

|  |  |  |  |
| --- | --- | --- | --- |
| **College** | **Sub-region** | **CIP Code** | **Bachelor’s Degrees** |
| Argosy University-San Francisco Bay Area | East Bay | 52.0201 |  1  |
| CSU Maritime Academy | North Bay | 52.0201 |  31  |
| CSU-East Bay | East Bay | 52.0201 |  689  |
| CSU-Monterey Bay | Santa Cruz & Monterey | 52.0201 |  191  |
| CSU-Monterey Bay | Santa Cruz & Monterey | 52.0901 |  3  |
| Dominican University of California | North Bay | 52.0201 |  42  |
| Dominican University of California | North Bay | 52.0299 |  13  |
| Golden Gate University-San Francisco | Mid-Peninsula | 52.0201 |  121  |
| Holy Names University | East Bay | 52.0201 |  17  |
| John F. Kennedy University | East Bay | 52.0201 |  12  |
| Lincoln University | East Bay | 52.0201 |  26  |
| Menlo College | Mid-Peninsula | 52.0201 |  50  |
| Northwestern Polytechnic University | East Bay | 52.0201 |  18  |
| Notre Dame de Namur University | Mid-Peninsula | 52.0201 |  57  |
| Saint Mary's College of California | East Bay | 52.0201 |  2  |
| Saint Mary's College of California | East Bay | 52.0299 |  1  |
| San Francisco State University | Mid-Peninsula | 52.0201 |  1,298  |
| San Francisco State University | Mid-Peninsula | 52.0901 |  140  |
| San Jose State University | Silicon Valley | 52.0201 |  1,300  |
| San Jose State University | Silicon Valley | 52.0901 |  110  |
| Sonoma State University | North Bay | 52.0201 |  361  |
| University of California-Berkeley | East Bay | 52.0201 |  342  |
| University of San Francisco | Mid-Peninsula | 52.0201 |  149  |
| University of San Francisco | Mid-Peninsula | 52.0901 |  28  |
| **Total Bay region** |  | **5,001** |
| **Total Mid-Peninsula** |  | **1,843** |

# *Source: IPEDS*

NOTE: The annual average Bachelor’s Degrees is for 2013-16.

# Gap Analysis

There is a large labor market gap in the Bay region for Supervision and Management occupations with annual openings of 8,550 and 106 awards in the region for a gap of 8,444. In the Mid-Peninsula, there are 2,466 annual openings and 18 awards for a gap of 2,448. However, if the Bachelor’s degrees offered in the region on the CIP codes cross walked to Supervision and Management are included, then the gap shrinks to 3,443 in the region and 605 in the sub-region.

# Student Outcomes

**Table 8. Four Employment Outcomes Metrics for Students Who Took Courses on TOP 0506.30 – Management Development and Supervision**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **2015-16** | **Bay Region (All CTE Programs)** | **CCSF(All CTE Programs)** | **State (0506.30)** | **Bay Region (0506.30)** | **Mid-Peninsula (0506.30)** | **Top Performing College in Bay 0506.30** |
| % Employed Four Quarters After Exit | 74% | 72% | 56% | 84% | 100% | Laney | 98%(44 students) |
| Median Earnings Two Quarters After Exit | $10,310 | $10,710 | $9,680 | $12,370 | $11,880 | Las Positas | $17,385 (9 students) |
| Median % Change in Earnings | 46% | 46% | 35% | 32% | 26% | Merritt | 236% (no. of students n/a) |
| % of Students Earning a Living Wage | 63% | 55% | 73% | 80% | 78% | Laney | 95%(42 students) |

*Source: Launchboard (version available 3/26/18)*

# Skills, Certifications & Minimum Advertised Education Level

**Table 9. Top Skills for Supervision and Management Occupations in the Bay Region (March 2017 - February 2018)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Skill** | **Postings** | **Skill** | **Postings** | **Skill** | **Postings** |
| Budgeting | 4,556 | Front Office | 692 | Procurement | 476 |
| Supervisory Skills | 3,335 | Retail Setting | 686 | Data Entry | 468 |
| Microsoft Excel | 3,216 | Business Administration | 678 | Cleaning | 467 |
| Scheduling | 2,969 | Facility Management | 647 | Account Reconciliation | 459 |
| Customer Service | 2,745 | Financial Reporting | 647 | Business Planning | 456 |
| Microsoft Office | 2,587 | Purchasing | 624 | Financial Analysis | 439 |
| Staff Management | 2,466 | Restaurant Management | 580 | Salesforce | 422 |
| Accounting | 2,166 | Administrative Support | 576 | Business Process | 405 |
| Project Management | 2,111 | Payroll Processing | 564 | Social Media | 396 |
| Office Management | 1,827 | Performance Appraisals | 553 | Employee Training | 395 |
| Property Management | 1,403 | Spreadsheets | 546 | Occupational Health and Safety | 384 |
| Microsoft Word | 1,253 | Conflict Management | 524 | Microsoft Outlook | 383 |
| Repair | 1,157 | Forecasting | 524 | Yardi Software | 376 |
| Microsoft Powerpoint | 1,132 | Operations Management | 521 | Change Management | 370 |
| Contract Management | 1,034 | Cash Handling | 499 | Customer Checkout | 368 |
| Guest Services | 1,018 | Account Management | 497 | General Office Duties | 360 |
| Customer Contact | 997 | Key Performance Indicators | 497 | Expense Reports | 343 |
| Cost Control | 958 | Process Improvement | 496 | Event Planning | 342 |
| Sales | 935 | Process Improvement | 496 | Record Keeping | 333 |
| Customer Billing | 923 | Administrative Functions | 491 | Food Safety | 331 |
| Inspection | 748 | Performance Management | 490 | Software as a Service (SaaS) | 326 |
| Onboarding | 715 | Business Development | 487 | Invoice Processing | 323 |

*Source: Burning Glass*

**Table 10. Top Certifications for Supervision & Management Occupations in the Bay Region (March 2017 - February 2018)**

Note: 90% of records have been excluded because they do not include a certification. As a result, the chart below may not be representative of the full sample.

|  |  |  |  |
| --- | --- | --- | --- |
| **Certification** | **Postings** | **Certification** | **Postings** |
| Servsafe | 211 | First Aid CPR AED | 123 |
| Project Management Certification (e.g. PMP) | 210 | Certified Property Manager | 102 |
| Real Estate Certification | 175 | Certified Payroll Professional | 65 |

*Source: Burning Glass*

**Table 11. Education Requirements in Bay Region**

Note: 43% 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 | 2,385 (26%) |
| Associate Degree | 609 (7%) |
| Bachelor’s Degree or higher | 6,241 (67%) |

*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

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