## Business

## Summary

In the SCV/SML subregion, the largest business occupations include office clerks (general) with 19,032 workers in 2018, and secretaries and administration assistants (except legal, medical and executive) with more than 14,311 workers. These occupations will offer a substantial number of annual openings in coming years. Most business-related occupations are projected to undergo modest to moderate growth; however, tellers are projected to decline by $9 \%$, a loss of 227 jobs over five years, as are executive secretaries and executive administrative assistants, a $4 \%$ drop representing a loss of 90 jobs. Business operations specialists earn the highest median wage in the subregion, $\$ 32.42 /$ hour, followed by executive secretaries and executive administrative assistants, $\$ 27.57 /$ hour. On average each year, community colleges in the subregion confer 1,658 awards related to business. The gap analysis reveals a shortage of 11,264 workers in the SCV/SML subregion.

## Employment \& Occupational Demand

Exhibit 32: Business employment and occupational projections

| Occupation | 2018 | 2023 | 5-Year Change | $\begin{gathered} \text { 5-Year } \\ \% \text { Change } \end{gathered}$ | Annual Openings |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Office Clerks, General | 19,032 | 19,665 | 633 | 3\% | 2,449 |
| Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 14,311 | 14,392 | 81 | 1\% | 1,643 |
| Bookkeeping, Accounting, and Auditing Clerks | 10,748 | 10,851 | 103 | 1\% | 1,291 |
| First-Line Supervisors of Office and Administrative Support Workers | 8,152 | 8,453 | 301 | 4\% | 933 |
| Receptionists and Information Clerks | 5,436 | 5,831 | 395 | 7\% | 830 |
| Business Operations Specialists, All Other | 6,556 | 6,965 | 409 | 6\% | 728 |
| Billing and Posting Clerks | 2,883 | 3,101 | 218 | 8\% | 368 |
| Office and Administrative Support Workers, All Other | 2,442 | 2,554 | 112 | 5\% | 312 |
| Tellers | 2,424 | 2,197 | (227) | (9\%) | 282 |
| Information and Record Clerks, All Other | 2,153 | 2,239 | 86 | 4\% | 272 |
| Eligibility Interviewers, Government Programs | 2,339 | 2,477 | 138 | 6\% | 255 |
| Executive Secretaries and Executive Administrative Assistants | 2,203 | 2,113 | (90) | (4\%) | 245 |
| Insurance Claims and Policy Processing Clerks | 2,202 | 2,215 | 13 | 1\% | 239 |
| Real Estate Sales Agents | 2,223 | 2,298 | 75 | 3\% | 230 |
| First-Line Supervisors of Non-Retail Sales Workers | 1,867 | 1,908 | 41 | 2\% | 193 |
| Data Entry Keyers | 1,635 | 1,502 | (133) | (8\%) | 183 |
| Dispatchers, Except Police, Fire, and Ambulance | 1,655 | 1,735 | 80 | 5\% | 178 |


| Occupation | 2018 | 2023 | 5-Year <br> Change | 5-Year <br> Change | Annual <br> Openings |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Interviewers, Except Eligibility and <br> Loan | 1,296 | 1,331 | 35 | $3 \%$ | 173 |
| Payroll and Timekeeping Clerks | 1,432 | 1,446 | 14 | $1 \%$ | 163 |
| Property, Real Estate, and Community <br> Association Managers | 1,663 | 1,746 | 83 | $5 \%$ | 148 |

## Wages

## Exhibit 33: Business wages

| Occupation | 25th Percentile Hourly Wages* | Median <br> Hourly Wages |
| :---: | :---: | :---: |
| Business Operations Specialists, All Other | \$22.72 | \$32.42 |
| Executive Secretaries and Executive Administrative Assistants | \$22.35 | \$27.57 |
| First-Line Supervisors of Office and Administrative Support Workers | \$20.08 | \$25.77 |
| Eligibility Interviewers, Government Programs | \$19.07 | \$23.44 |
| Property, Real Estate, and Community Association Managers | \$18.82 | \$29.18 |
| Payroll and Timekeeping Clerks | \$17.53 | \$22.04 |
| Real Estate Sales Agents | \$16.69 | \$27.08 |
| Bookkeeping, Accounting, and Auditing Clerks | \$16.15 | \$20.04 |
| First-Line Supervisors of Non-Retail Sales Workers | \$15.72 | \$25.99 |
| Information and Record Clerks, All Other | \$15.71 | \$18.80 |
| Dispatchers, Except Police, Fire, and Ambulance | \$15.31 | \$18.70 |
| Interviewers, Except Eligibility and Loan | \$15.09 | \$18.15 |
| Insurance Claims and Policy Processing Clerks | \$15.00 | \$17.81 |
| Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | \$14.50 | \$18.36 |
| Billing and Posting Clerks | \$13.93 | \$16.70 |
| Data Entry Keyers | \$12.77 | \$14.88 |
| Office Clerks, General | \$12.25 | \$15.92 |
| Tellers | \$12.22 | \$13.90 |
| Receptionists and Information Clerks | \$12.20 | \$13.98 |
| Office and Administrative Support Workers, All Other | \$11.66 | \$13.86 |
| *Due to fluctuations in $10^{\text {th }}$ percentile wages, $25^{\text {th }}$ percentile wages have been used to describe entry-level wages. |  |  |

## Community College Supply

Exhibit 34: Business community college supply

| TOP4 or CIP Code and Program Title | $\begin{array}{r} 2014- \\ 15 \end{array}$ | $\begin{array}{r} 2015- \\ 16 \end{array}$ | $\begin{array}{r} 2016- \\ 17 \end{array}$ | $\begin{array}{r} 2017-18 \\ \hline \end{array}$ | $\begin{array}{r} \text { Latest } \\ 3 \text {-Year } \\ \text { Average } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 050200 - Accounting | 47 | 157 | 166 | 157 | 176 |
| 050400 - Banking and Finance |  | 7 | 3 | 4 | 5 |
| 050500 - Business Administration |  | 593 | 675 | 872 | 713 |
| 051100-Real Estate |  | 2 | 0 | 0 | 1 |
| 051400- Office Technology/Office Computer Applications |  | 139 | 159 | 230 | 176 |
| 051410-Legal Office Technology |  | 7 | 3 | 3 | 4 |
| 051420-Medical Office Technology |  | 62 | 58 | 70 | 63 |
| 051430 - Court Reporting |  | 1 | 2 | 4 | 2 |
| 51.0716 - Medical Administrative/Executive Assistant and Medical Secretary | 59 | 42 | 69 |  | 57 |
| 52.0401 - Administrative Assistant and Secretarial Science, General | 57 | 39 | 39 |  | 45 |
| 52.0408-General Office Occupations and Clerical Services | 284 | 382 | 325 |  | 330 |
| 059900-Other Business and Management |  | 0 | 1 | 0 | 0 |
| 140200-Paralegal | 20 | 83 | 76 | 76 | 85 |
| Total | 467 | 1,514 | 1,576 | 1,416 | 1,658 |

## Gap Analysis

Exhibit 35: Business annual demand and supply in the SCV/SML subregion


