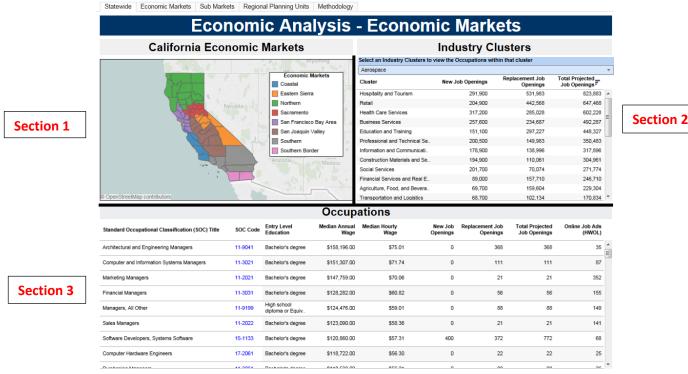
User Guide for Economic Markets, Economic Sub-Markets, and Regional Planning Units Interactive Maps and Data Tables

OVERVIEW

The Interactive Maps and Data Tables provide industry and occupation information in geographic areas and focus on future employment demand of industry clusters and features them as primary investment opportunities for California's workforce development system.

Each tab contains an interactive dashboard, which is comprised of a map and two data tables.



Interactive Maps and Data Tables

Source: California Employment Development Department, Projections of Employment 2012-2022. Occupational Employment Statistics Wage Survey, update Employment and Wages by Occupation http://www.labormarketinfo.ca.gov/data/oes-employment-and-wages.html. The Conference Board Help Wanted OnLi 4th Q, 2014. Additional wage data can be found at the OES u (HWOL) Data Series, 120-day period ending April 30, 2015.

DASHBOARD STRUCTURE / LAYOUT

Section 1: California Statewide / Economic Markets / Sub-Markets / Regional Planning Units

- Visualization Type: Map
 - Displays a California map with each economic market color-coded to a legend. 0

Section 2: Industry Clusters

- Visualization Type: Table •
 - The industry cluster table includes projected job openings (new, replacement, total) within 0 the state or selected economic market, sub-market, or regional planning unit. The table is sorted by the largest number of total projected job openings. To sort by other headings, hover the cursor over the category (e.g., "New Job Openings") for the sort icon $(\stackrel{\text{\tiny del}}{=})$ to appear, and then select the icon.

Section 3: Occupations

- Visualization Type: Table
 - The Occupations table includes occupation information relative to the selected geographic area and industry cluster. The table includes the Standard Occupational Classification (SOC) title and code, entry level education, median wage data, projected job openings (new, replacement, total), along with the recent number of job ads. Occupations are sorted alphabetically. To sort by other headings, hover the cursor over the category (e.g., "Total Projected Job Openings") for the sort icon ([±]) to appear, and then select the icon.

TABS

- The **Statewide** tab includes projected job openings and occupation and wage data on a California statewide level.
- The Economic Markets tab includes projected job openings and occupation and wage data in a geographic Economic Market. An Economic Market consists of four or more counties (with the exception of the Southern Border Economic Market, which consists of two counties). To select an Economic Market, select the Economic Markets tab, and then select an Economic Market from the drop-down menu on the left. To view occupation data by industry cluster, select desired industry cluster.
- The **Sub-Markets** tab includes projected job openings and occupation and wage data on a smaller geographic level within an Economic Market. Data are not available at the individual county level unless the Sub-Market is a single county. To select an Economic Sub-Market, select the Sub-Markets tab, and then select an Economic Sub-Market from the drop-down menu on the left.
- The **Regional Planning Units (RPU)** tab includes projected job openings and occupation and wage data within a Regional Planning Unit. Regional Planning Units respect the existing administrative boundaries of counties and Local Workforce Development Boards while providing a foundation upon which to facilitate regional planning under the requirements of the Workforce Innovation and Opportunity Act (WIOA). To select an RPU, select the Regional Planning Units tab, and then select an RPU from the drop-down menu on the left.
- The **Methodology** tab describes the process of the geographic area and industry cluster formation.

Additional Information

- Due to confidentiality, some industry cluster and occupational data have been suppressed.
- Hover the cursor over the industry cluster title to view the entire name.
- Selecting a specific county on the map will not provide individual county data.
- When selecting an occupational title or industry cluster, the SUM of Measure Values feature does not provide a usable or accurate value. We are looking into deactivating this feature.
- Industry and occupational employment projections for 2012-2022 in these tables my not be directly comparable to the published 2012-2022 employment projections available online at www.labormarketinfo.edd.ca.gov_.
- HWOL data represent job advertisements from employers in all industries. One job opening may be represented in more than one job advertisement.
- Selecting the occupation title or SOC code links to O*NET OnLine (Occupational Information Network) which provides more detailed information about the selected occupation.
- New jobs are only openings due to growth and do not include job declines. If an occupation's employment change is negative, there is no job growth and new jobs are set to zero.
- Replacement job openings estimate the number of job openings created when workers retire or permanently leave an occupation and need to be replaced.

- Total job openings are the sum of new jobs and replacement job openings.
- Wages are across all industries and specific to the selected economic market, economic submarket, or regional planning unit.
- Median hourly and annual wages are the estimated 50th percentile of the distribution of wages; 50 percent of workers in an occupation earn wages below, and 50 percent earn wages above the median wage. The wages do not include self-employed or unpaid family workers.
- Entry level education shown in the Occupations table is based on the national requirement. The Bureau of Labor Statistics develops and assigns education and training categories to each occupation. For more information on these categories, please see http://www.bls.gov/emp/ep_education_training_system.htm