

## **What is Labor Market Information?**





- Data about industry and occupations
- Industry data is employment counts, estimates of future jobs, average salaries...
- Occupational data is count of workers, estimates of future jobs, average/percentile wages, typical industry employers (types of industries that employ the occupation)...



# **Defining Middle-Skill Jobs**

#### Middle-Skill Jobs include:

- -All occupations that require an educational requirement of some college, associate degree or apprenticeship;
- -All occupations that require a bachelor's degree, but also have more than one-third of their existing labor force with an educational attainment of some college or associate degree; or
- -All occupations that require a high school diploma or equivalent or no formal education, but also require short- to long-term on-the-job training where multiple community colleges have existing programs.

Above-Middle-Skill jobs include occupations that require an educational attainment of a bachelor's degree or higher (excluding those in the middle-skills jobs category).

**Below-Middle-Skill** jobs require an educational attainment of a high school diploma or less.

	2018 Population	2023 Population	% Change
Northern Los Angeles	670,362	670,379	0%
San Luis Obispo County	285,431	292,057	2%
Santa Barbara County	451,611	462,114	2%
Ventura County	858,385	873,035	2%

# **Microregional Population Demographics**

## Why Respond to Labor Market Demand?

In 2018, there were over **980,000** jobs in the **South Central Coast Region**.

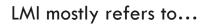


Jobs have grown by approximately **60,000** over the last five years across the region.



Regional Middle Skill Openings – New and Replacement - **198,814**.

## **What is Labor Market Information?**





- Data about industry and occupations
- Industry data is employment counts, estimates of future jobs, average salaries...
- Occupational data is count of workers, estimates of future jobs, average/percentile wages, typical industry employers (types of industries that employ the occupation)...



# **Defining Middle-Skill Jobs**

### Middle-Skill Jobs include:

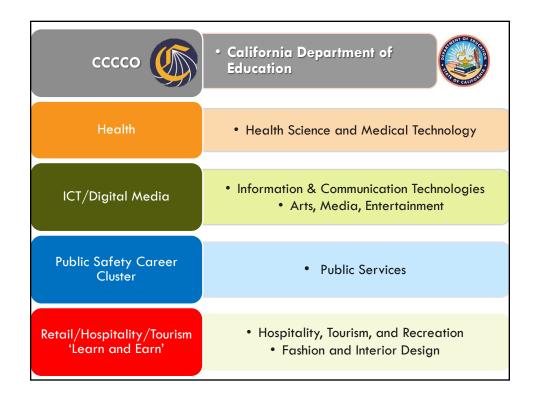
- -All occupations that require an educational requirement of some college, associate degree or apprenticeship;
- -All occupations that require a bachelor's degree, but also have more than one-third of their existing labor force with an educational attainment of some college or associate degree; or
- -All occupations that require a high school diploma or equivalent or no formal education, but also require short- to long-term on-the-job training where multiple community colleges have existing programs.

Above-Middle-Skill jobs include occupations that require an educational attainment of a bachelor's degree or higher (excluding those in the middle-skills jobs category).

**Below-Middle-Skill** jobs require an educational attainment of a high school diploma or less.



## • California Department of ссссо Education Agriculture, Water & • Agriculture and Natural Resources **Environmental Technologies Advanced Manufacturing** • Manufacturing and Product Development Advanced Transportation • Transportation & Logistics • Business and Finance **Business &** Entrepreneurship • Marketing, Sales, and Service Education & Human • Education, Child Development, & Family Development Services • Engineering and Architecture Energy, Construction & • Energy, Environment, and Utilities Utilities • Building and Construction Trades





#### Sample of Available Industry Data **Largest Industries in Region** Industry 2018 Jobs Government 159,856 Health Care and Social Assistance 121,989 105,734 Retail Trade Accommodation and Food Services 97,160 Manufacturing 63,091 Construction 59,042 Agriculture, Forestry, Fishing and Hunting 56,987 Professional, Scientific, and Technical Services 56,813 Administrative and Support and Waste Management and Remediation Services 52,716 Other Services (except Public Administration) 46,112 Wholesale Trade 27,600 **Educational Services** 25,923 Finance and Insurance 24,640 Transportation and Warehousing 19,068 Arts, Entertainment, and Recreation 19,059 Real Estate and Rental and Leasing 16,292 Information 14,137 Management of Companies and Enterprises 11,039 3,506 Mining, Quarrying, and Oil and Gas Extraction 2,094

# The Regional Plan provides...

- Industry Sector Overview
- Occupational Analysis
  - Top Middle-Skill Jobs by Sector
  - Projected Growth and Openings
- Regional Program Information

Advanced Manufacturing: In the South Central Coast region, computer-numeric-control (CNC) manufacturing dominates the advanced manufacturing sector. For example, in the Santa Clarita Valley, there are more than 100 CNC industries, many serving specialized niches. A major driver in the region is the aerospace industry, with Boeling and Airbus manufacturing parts locally. Another major CNC employer is Haas Automation, a machine and tool building company in Oxnard. Locally, the aerospace industry has been increasingly seeking workers skilled in assembly. Other strong regional advanced manufacturing subsectors include medical devices and automotive parts. Emerging areas with growing demand for skilled workers include: drone technology, robotics, and composites and fabrication.

Occupational analysis: The Middle-Skill Jobs in the South Central Coast were analyzed and the following occupations related to Advanced Manufacturing were found to be among the Top 100:

Occupational Title	2017 Jobs	2022 Jobs	% Change 2017-22	Openings
First-Line Supervisors of Production and Operating Workers	2,757	2,856	3.6%	1,477
Industrial Machinery Mechanics	1,103	1,193	8.2%	582
Industrial Production Managers	1,084	1,097	1.2%	412
Computer-Controlled Machine Tool Operators, Metal and Plastic	779	803	3.0%	418

There are 8 colleges in the South Central Coast region offering programs related to these occupations in advanced manufacturing. In 2017, these colleges conferred 303 awards. Of these, the program with the most annual completions is Welding Technology/Welder (102).

Industry Sector	Skills	Job Postings
Manufacturing		12,843
	Project Management	1,901
	Scheduling	1,773
	Budgeting	1,565
	Repair	1,163
	Biotechnology	1,060
	Quality Assurance and Control	1,039
	Customer Service	1,031
	SAP	995
	Manufacturing Processes	895
	Sales	855

- Top Skills by Industry
- Job Posting Analysis





