

SUPPLY CHAIN TECHNICIANS IN CALIFORNIA



National Center for
Supply Chain Automation

WHO ARE SUPPLY CHAIN TECHNICIANS?

The National Center for SCA defines the job of a Supply Chain Technician as a person who installs, operates, supports, upgrades or maintains the automated material handling equipment and systems that support the supply chain.

Supply chain technician is an emergent occupation that does not currently exist in the federal Standard Occupational Classification (SOC) system.

WHY SUPPLY CHAIN TECHNICIANS?

California accounts for nearly 10% of current supply chain technician related workforce in the nation



- Schools in the United States are not producing enough supply chain mechanics and technicians with the requisite skills. **(University of Tennessee, 2015)**
- The supply chain field gets overlooked by new graduates, who think of supply-chain work as “a guy driving a forklift in a dusty old factory.” That outdated image is a huge hurdle for an industry that badly needs new talent in high tech, analytics, robotics, and engineering. **(Fortune Magazine, 2014)**

EMPLOYMENT IN CALIFORNIA*

In California, supply chain related technicians and mechanics (defined using nine standard occupational codes) are currently estimated to number nearly 240,000. They are projected to grow by 13% by 2025. In addition to the new growth, companies are expected to replace about 21% of their current technician workforce, thus creating about 81,600 total job openings (both new and replacement) in the next 10 years.

California is home to 752 distribution center facilities of over 250,000 square feet. **(CoStar, 2014)**

Studies suggest that 70% of warehouses will add more automated processes in a 5-year timeframe. **(Motorola 2013 Warehouse Visions Report)**

With an average need for 4-6 technicians per large automated distribution center, California warehouses will need estimated 2,100 to 3,200 trained technicians to support their automated operations in a 5-year period.

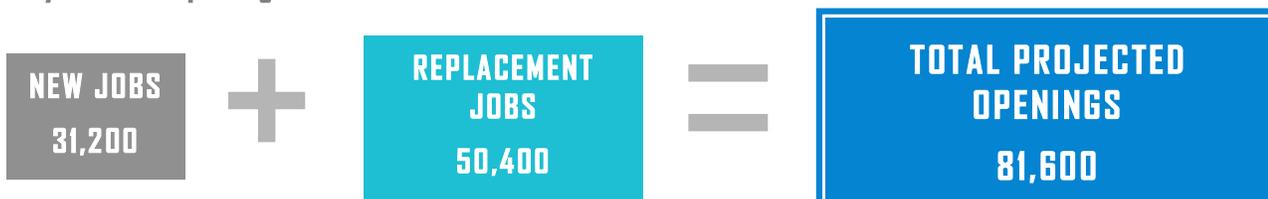
10-year Employment Projections

2015 JOBS
238,500

+ 13% →

2025 JOBS
269,700

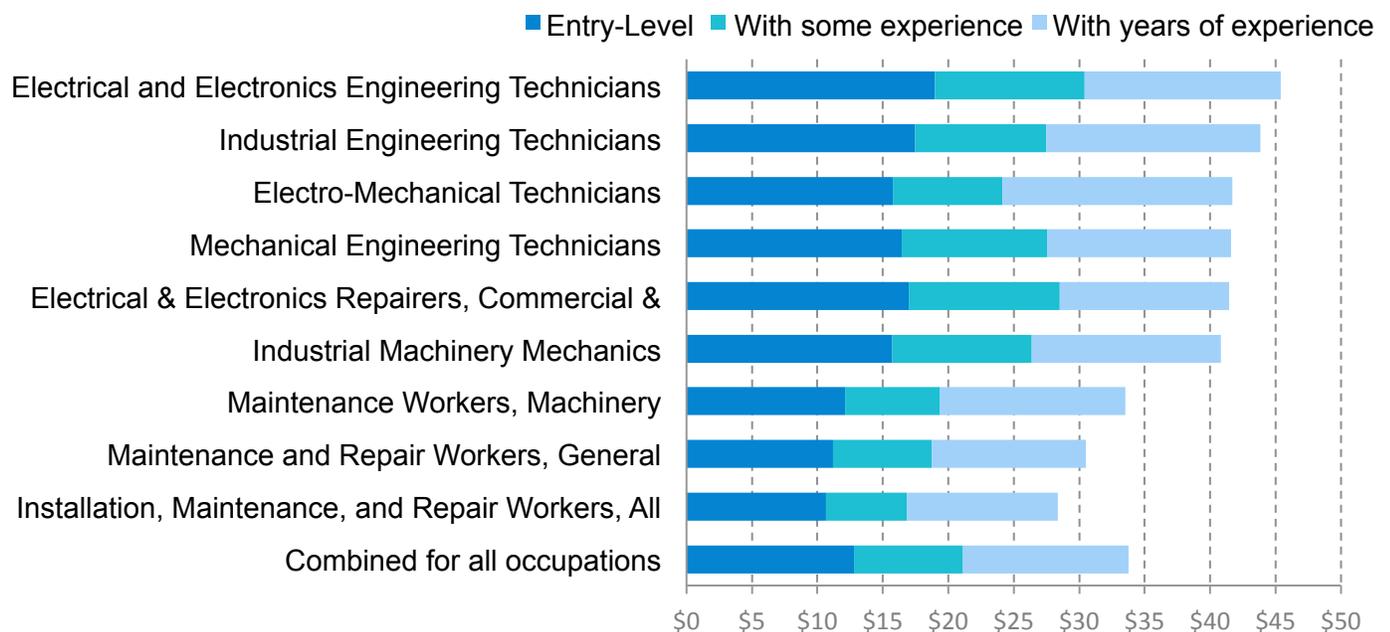
10-year Job Openings



EMPLOYMENT PROJECTIONS FOR OCCUPATIONS RELATED TO SUPPLY CHAIN TECHNICIANS IN CALIFORNIA, 2015-2025

Occupations (Standard Occupational Code)	2015 Jobs	2025 Jobs	Total Job Openings (new & replacement)	New Jobs	Replacement Jobs	% Growth	% Replacement
Maintenance and Repair Workers, General (49-9071)	140,534	159,111	47,573	18,577	28,996	13%	21%
Industrial Machinery Mechanics (49-9041)	24,532	29,399	12,804	4,867	7,937	20%	32%
Installation, Maintenance, and Repair Workers, All Other (49-9099)	24,568	26,999	6,733	2,431	4,302	10%	18%
Electrical and Electronics Engineering Technicians (17-3023)	22,512	24,052	6,435	1,540	4,895	7%	22%
Maintenance Workers, Machinery (49-9043)	8,085	9,055	2,041	970	1,071	12%	13%
Electrical & Electronics Repairers, Comm. & Industrial Equipment (49-2094)	6,189	6,801	1,914	612	1,302	10%	21%
Mechanical Engineering Technicians (17-3027)	5,339	5,839	1,656	500	1,156	9%	22%
Industrial Engineering Technicians (17-3026)	4,745	5,140	1,450	395	1,055	8%	22%
Electro-Mechanical Technicians (17-3024)	2,029	2,151	569	122	447	6%	22%

HOURLY EARNINGS OF OCCUPATIONS RELATED TO SUPPLY CHAIN TECHNICIANS IN CALIFORNIA, 2015**



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*As an emerging occupation, Supply Chain Technician (SCT) does not have a designated SOC code. Each SOC code listed in this brief includes SCTs as a primary segment of its workforce, as well as an unknown number not employed as SCTs. **Wages in the chart are represented for 10th, 50th, and 90th percentiles.