

SUPPLY CHAIN TECHNICIANS IN WISCONSIN



National Center for
Supply Chain Automation

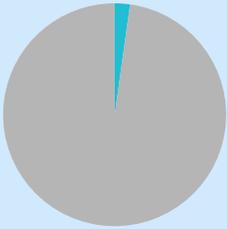
WHO ARE SUPPLY CHAIN TECHNICIANS?

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?

Wisconsin accounts for over 2% of the current supply chain technicians 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 That outdated image is a huge hurdle for an industry that badly needs new talent in high tech, analytics, robotics, and engineering.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 WISCONSIN*

In Wisconsin, supply chain related technicians and mechanics (defined using nine standard occupational codes) are currently estimated to number about 52,900. They are projected to grow by 9% by 2025. In addition to the new growth, companies are expected to replace about 21% of their current technician workforce, thus creating about 16,400 total job openings (both new and replacement) in the next 10 years.

Wisconsin is home to 108 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, Wisconsin warehouses will need estimated 300 to 450 trained technicians to support their automated operations in a 5-year period.

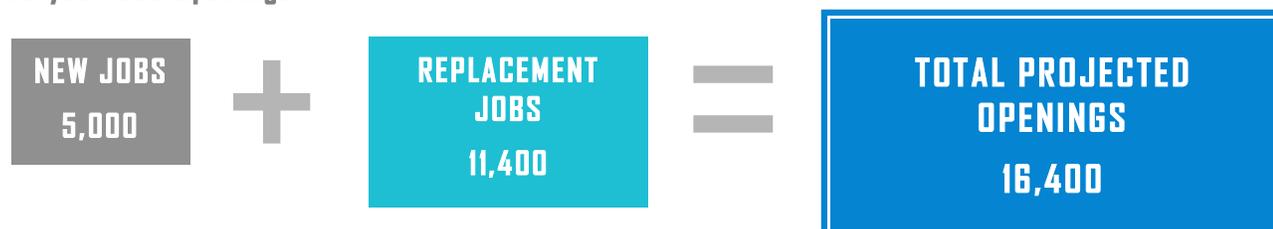
10-year Employment Projections

2015 JOBS
52,900

+ 9%

2025 JOBS
57,900

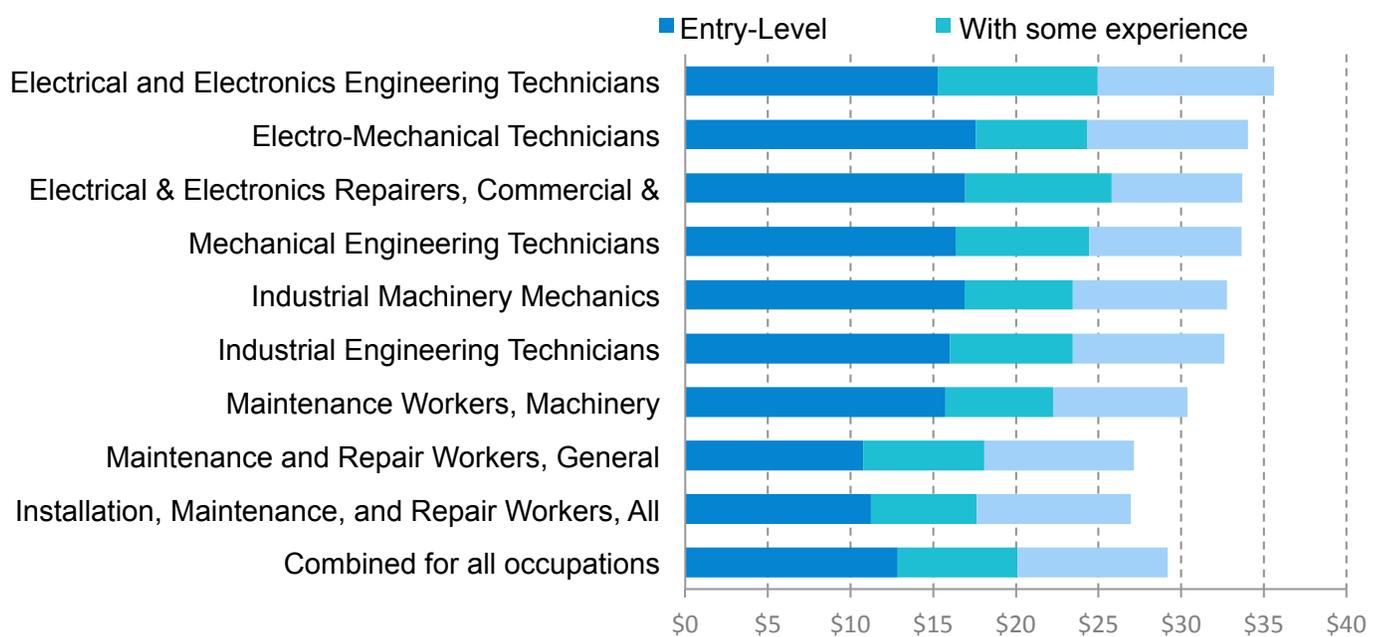
10-year Job Openings



EMPLOYMENT PROJECTIONS FOR OCCUPATIONS RELATED TO SUPPLY CHAIN TECHNICIANS IN WISCONSIN, 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)	30,301	32,967	8,774	2,666	6,108	9%	20%
Industrial Machinery Mechanics (49-9041)	7,797	9,410	4,109	1,613	2,496	21%	32%
Maintenance Workers, Machinery (49-9043)	4,650	5,003	963	353	610	8%	13%
Installation, Maintenance, and Repair Workers, All Other (49-9099)	3,006	3,202	799	196	603	7%	20%
Electrical and Electronics Engineering Technicians (17-3023)	2,725	2,679	583	(46)	583	-2%	21%
Industrial Engineering Technicians (17-3026)	1,776	1,825	444	49	395	3%	22%
Electrical & Electronics Repairers, Comm. & Industrial Equipment (49-2094)	1,242	1,336	352	94	258	8%	21%
Mechanical Engineering Technicians (17-3027)	1,144	1,180	285	36	249	3%	22%
Electro-Mechanical Technicians (17-3024)	291	297	70	6	64	2%	22%

HOURLY EARNINGS OF OCCUPATIONS RELATED TO SUPPLY CHAIN TECHNICIANS IN WISCONSIN, 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.