

SUPPLY CHAIN TECHNICIANS IN NEW YORK



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?

New York accounts for over 6% of the 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 That outdated image is a huge hurdle for an industry that badly needs new talent in high tech, analytics, robotics, and engineering.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 NEW YORK*

In New York, supply chain related technicians and mechanics (defined using nine standard occupational codes) are currently estimated to number about 139,500. They are projected to grow by 7% by 2025. In addition to the new growth, companies are expected to replace about 21% of their current technician workforce, thus creating about 38,300 total job openings (both new and replacement) in the next 10 years.

New York is home to 90 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, New York warehouses will need estimated 250 to 400 trained technicians to support their automated operations in a 5-year period.

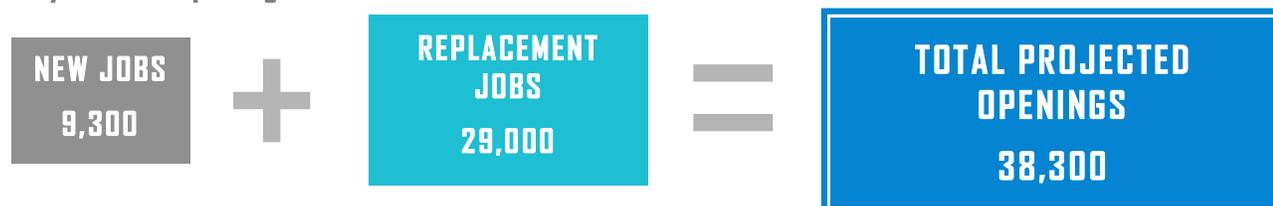
10-year Employment Projections

2015 JOBS
139,500

+ 7% →

2025 JOBS
148,800

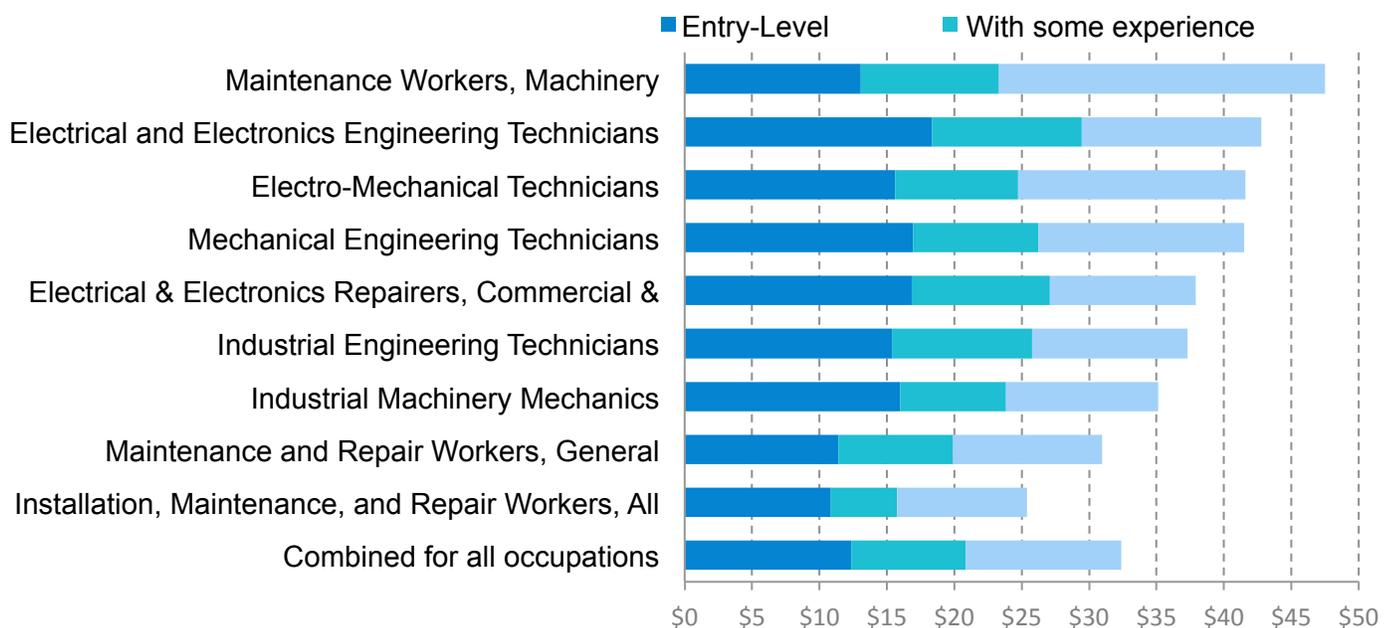
10-year Job Openings



EMPLOYMENT PROJECTIONS FOR OCCUPATIONS RELATED TO SUPPLY CHAIN TECHNICIANS IN NEW YORK, 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)	103,832	111,299	28,226	7,467	20,759	7%	20%
Industrial Machinery Mechanics (49-9041)	11,305	12,316	4,466	1,011	3,455	9%	31%
Installation, Maintenance, and Repair Workers, All Other (49-9099)	7,191	7,611	1,705	420	1,285	6%	18%
Electrical and Electronics Engineering Technicians (17-3023)	6,446	6,539	1,520	93	1,427	1%	22%
Industrial Engineering Technicians (17-3026)	3,290	3,146	710	(144)	710	-4%	22%
Electrical & Electronics Repairers, Comm. & Industrial Equipment (49-2094)	2,110	2,226	550	116	434	5%	21%
Maintenance Workers, Machinery (49-9043)	3,134	3,247	545	113	432	4%	14%
Mechanical Engineering Technicians (17-3027)	1,798	1,906	494	108	386	6%	21%
Electro-Mechanical Technicians (17-3024)	425	462	129	37	92	9%	22%

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