

# SUPPLY CHAIN TECHNICIANS IN FLORIDA



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?

Florida accounts for over 5% 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 That outdated image is a huge hurdle for an industry that badly needs new talent in high tech, analytics, robotics, and engineering.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 FLORIDA\*

In Florida, supply chain related technicians and mechanics (defined using nine standard occupational codes) are currently estimated to number about 126,500. They are projected to grow by 11% by 2025. In addition to the new growth, companies are expected to replace about 21% of their current technician workforce, thus creating about 41,000 total job openings (both new and replacement) in the next 10 years.

## 10-year Employment Projections

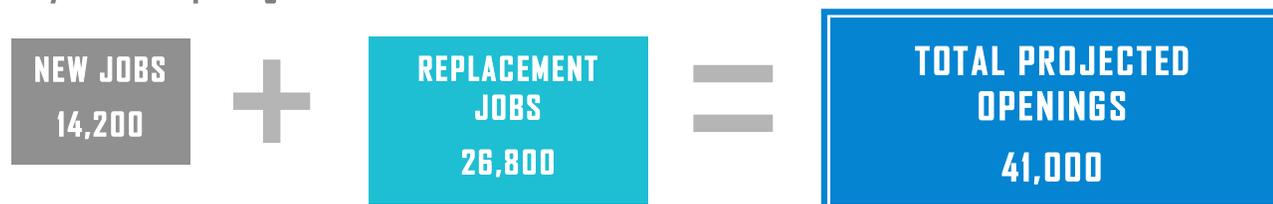
2015 JOBS  
126,500

+

→

2025 JOBS  
140,700

## 10-year Job Openings



Florida is home to **168** 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

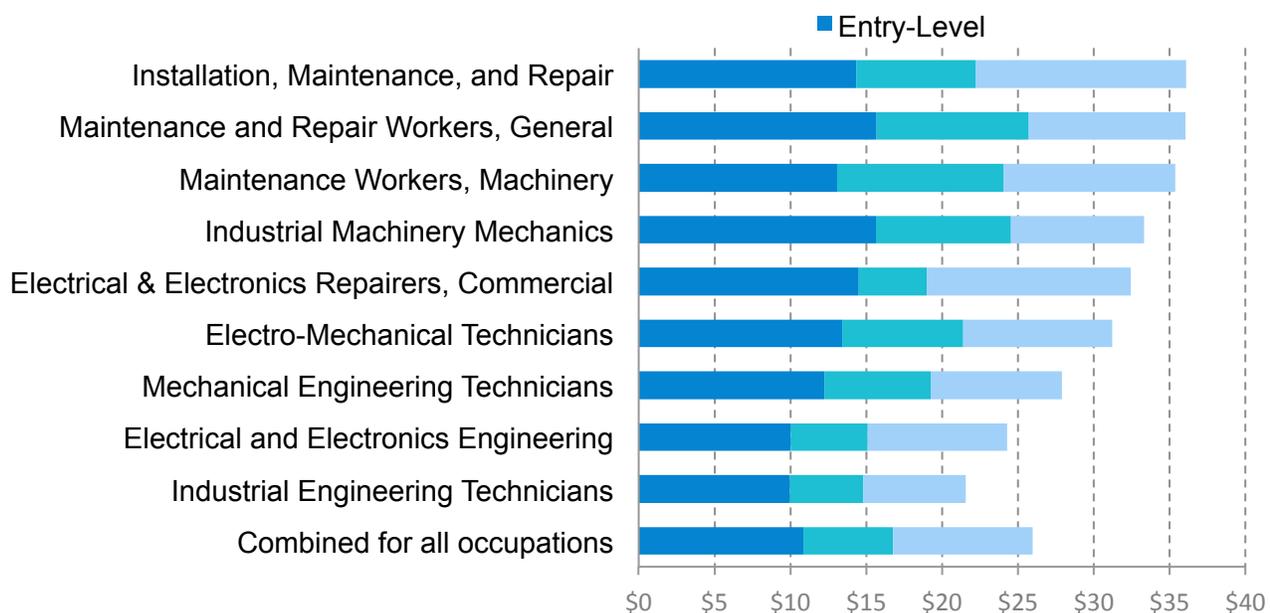
Warehouse Visions Report)

With an average need for 4-6 technicians per large automated distribution center, Florida warehouses will need estimated **700 to 1,000 trained technicians** to support their automated operations in a 5-year period.

## EMPLOYMENT PROJECTIONS FOR OCCUPATIONS RELATED TO SUPPLY CHAIN TECHNICIANS IN FLORIDA, 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)	83,701	93,360	26,762	9,659	17,103	12%	20%
Industrial Machinery Mechanics (49-9041)	11,905	13,969	5,801	2,064	3,737	17%	31%
Installation, Maintenance, and Repair Workers, All Other (49-9099)	13,650	15,165	3,924	1,515	2,409	11%	18%
Electrical and Electronics Engineering Technicians (17-3023)	7,022	7,129	1,674	107	1,567	2%	22%
Electrical & Electronics Repairers, Comm. & Industrial Equipment (49-2094)	4,301	4,535	1,124	234	890	5%	21%
Maintenance Workers, Machinery (49-9043)	2,352	2,706	671	354	317	15%	13%
Industrial Engineering Technicians (17-3026)	2,213	2,264	558	51	507	2%	23%
Mechanical Engineering Technicians (17-3027)	1,014	1,144	351	130	221	13%	22%
Electro-Mechanical Technicians (17-3024)	391	423	117	32	85	8%	22%

## HOURLY EARNINGS OF OCCUPATIONS RELATED TO SUPPLY CHAIN TECHNICIANS IN FLORIDA, 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 10<sup>th</sup>, 50<sup>th</sup>, and 90<sup>th</sup> percentiles.