



Distribution, Logistics, Goods Transportation and Global Trends

Logistics and Supply Chain Defined

Supply chain management is a term used to describe the management of the multiple organizations, or supply chains, that get a product from the manufacturing stage into the hands of consumers.

Supply chain management touches every function of global commerce: marketing, customer relations, sourcing, manufacturing, logistics, inventory management, and information technology. It's not simply a tactical function; it's a business function. It's about the people, partnerships, processes, and technology that sets products in motion through the global economy.



Industry, Education, & Workforce Trends

Major industry changes impacting the workforce . . .

- National level
 - Presidential commitment to double U.S. exports over the next five years in hopes of spurring job growth, an ambitious goal that may rekindle the battle over free-trade policy
 - President Obama named three top executives from the transportation and logistics industry to his revitalized National Export Council
 - President Obama and China's President will reevaluate world consumption of energy, and the policies of indigenous innovation and intellectual property rights. Each of these issues impacts global supply chains and logistics and will frame how we conduct business in the future in Asia
 - New trends include more vigilant business practices, industry restructuring and continued commitment to sustainability

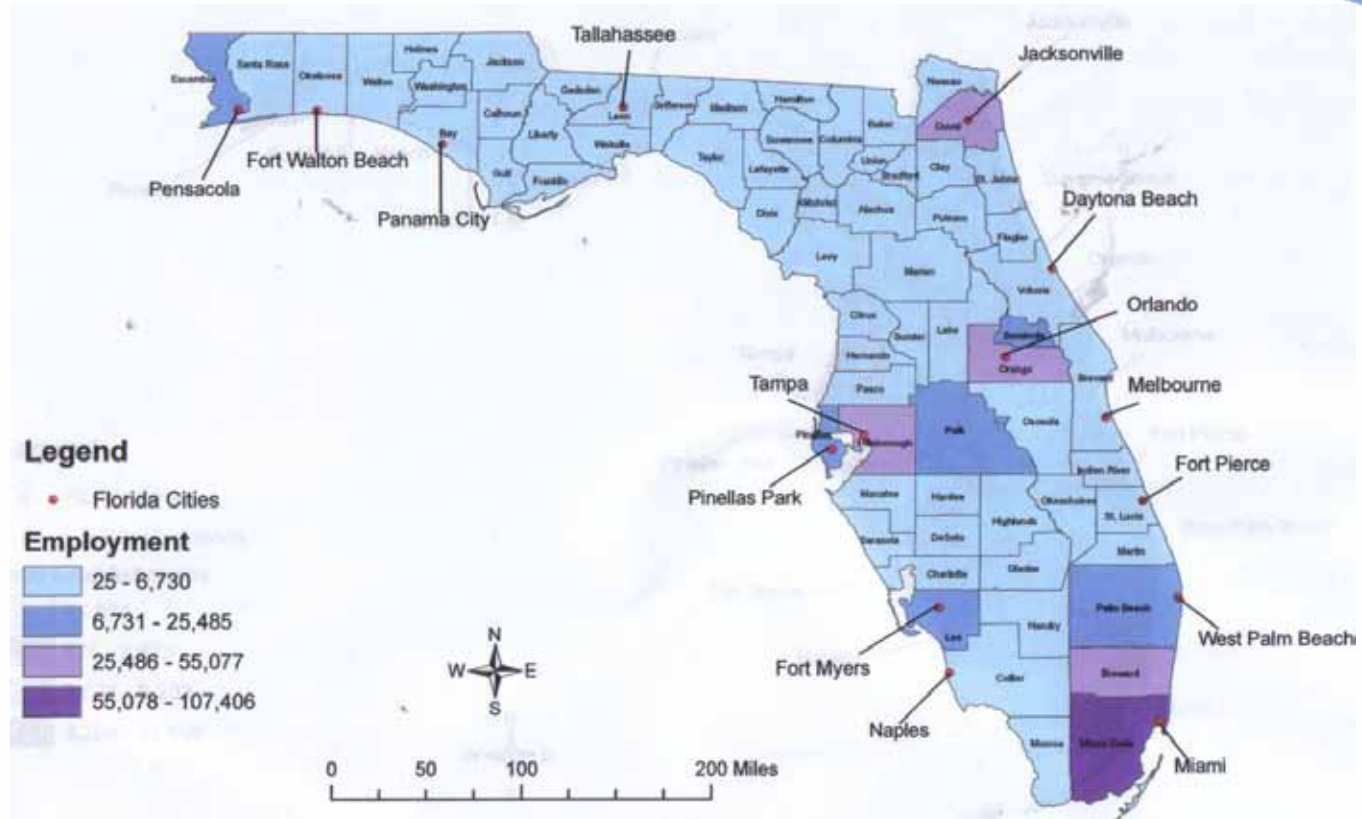
Industry, Education, & Workforce Trends

Major industry changes impacting the workforce . . .

- State level
 - Governor Scott's 777 Plan - 7 steps to achieve 700,000 jobs over 7 years, and 157,000 are in logistics
 - Key developments in Florida's Ports
 - Miami's Port – Highest projected growth
 - Top three growth Ports, Miami, Port Everglades, JAXPORT
 - Ports impact 550,000 direct and indirect jobs in Florida
 - Panama Canal opens in 2014
 - Consolidation of Workforce Florida, Enterprise Florida and Office of Tourism & Economic Development
 - Florida Chamber Foundation reports transportation and trade as Florida's future, www.flfoundation.org

Logistics and Distribution Hubs

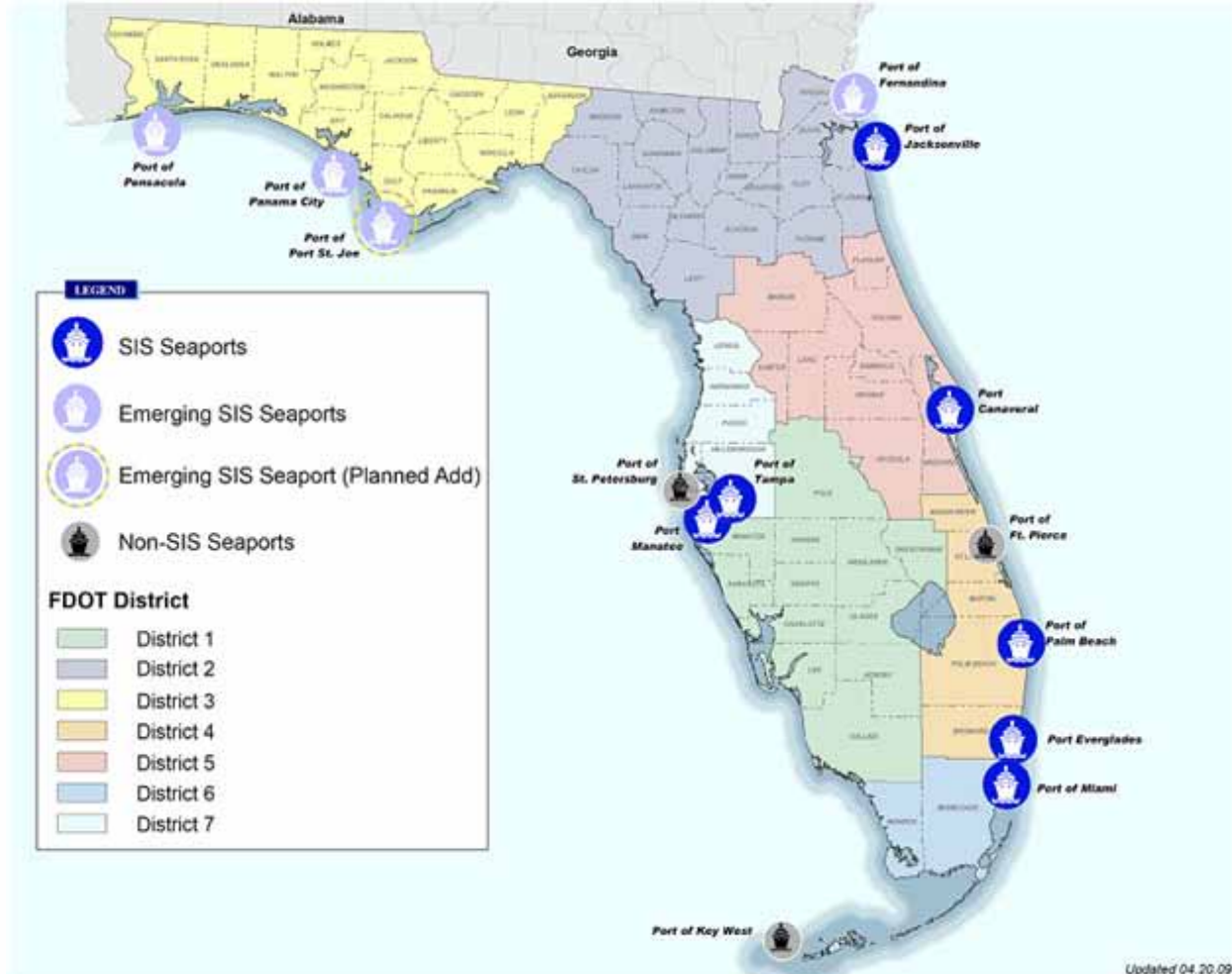
These employment hubs coincide directly with the 14 international seaports and trade clusters.



Source: Florida Agency for Workforce Innovation, Labor Market Statistics Center

14 International SeaPorts

These hubs coincide directly with the 14 international seaports and trade clusters.



Industry, Education, & Workforce Trends

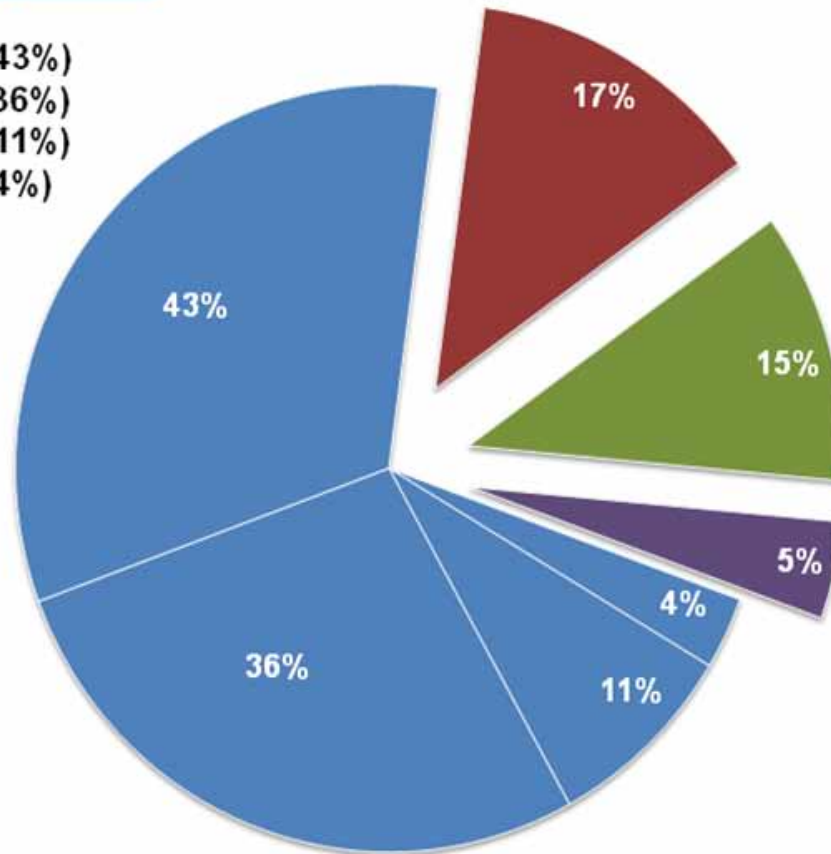
Major industry changes impacting the workforce

- Local level
 - JAXPORT
 - Expanded Foreign Trade Zone #64.
 - **1.1 Billion is needed to move JAXPORT into a truly competitive position among other SE U.S. Seaports over the next seven (7) years.**
 - 40 Million to fix the Mile Point in the river.
 - Strong foreign trade market.
- Facts
 - 95% of Jacksonville's businesses are small businesses
 - The fastest growing businesses in international trade and logistics are small businesses
 - Because of the internet, social media, cell technology: Competition for these small businesses is no longer their next-door neighbor – it's the world

Florida's Global Trading Partners

Western Hemisphere

- C. America (43%)
- S. America (36%)
- Caribbean (11%)
- N. America (4%)



- Middle East
- Africa
- Oceania

Industry, Education, & Workforce Trends

- More at the Local level
 - New Global Logistics and Supply Chain Technology Career Academies
 - FSCJ's new Associate Degree and Technical Certificate programs in Logistics & Supply Chain Management.
 - UNF's nationally recognized Logistics and Transportation bachelor's degree program.
 - Private educational institutions - Master's degree

Each program is aligned with nationally recognized certifications from the American Society of Transportation and Logistics (CTL, PLS and GLA certifications.)

Career Pathways, Education, Certifications

Skills Needed for Florida's Logistics Workforce

Communications
Computer / Software
Cultural diversity
Integrated Learning and Life Skills
International / Cross-Cultural
Logistics Systems
Maintenance
Management
Mechanical / Technical
Operations
Sales / Marketing
Soft Skills
Strategic Thinking
Technology and Information
Transportation Systems
Truck Driving
Warehousing Operations

Source: *Employ Florida Global Logistics Banner Center*

Technology Trends

Technology skills
needed to
prepare students
for the workforce -

Emerging Technologies or Processes in the next 5-10 Years

- Automation
- Business Improvement Metrics/Measurements
- Business Intelligence Across All Industries
- Contract Negotiation
- Fuel Efficient Fleets
- GPS Tracking Technologies
- Green Industry / Sustainability Practices
- Linking Transportation Costs with Forecasting
- Optimization Tools / Modules
- Real-time Data Flow for Inventory Control
- RFID, Barcode, SAAS
- Robotics
- Safety
- Security
- Use of Smart Phones / Technologies to Reduce Costs
- Warehouse Management

Certification and Education Trends

Industry certifications in logistics and supply chain management

What Industry Wide Certifications and Training Does Your Company Require?
Advanced Degrees
Certification in Transportation and Logistics Program (CTL)
Certifications in Supply Chain Management
Certified in Production and Inventory Management (CPIM)
Certified Public Accountant (CPA)
Certified Supply Chain Professional (CSCP)
Commercial Drivers License (CDL)
Fork Lift Operator
Global Logistics Associate (GLA)
Global Logistics Manager (GLM)
Industry related certifications
MS Office Suite
Professional Designation in Logistics Supply Chain Management (PLS)
Safety
Six Sigma
Truck and Maintenance Repair

Important links and references

Florida Agency for Workforce Innovation, Labor Market Statistics Center

Florida Logistics and Distribution Industry, May 2010

http://www.labormarketinfo.com/library/pubs/indusprofile/industryprofile_logistics_n_distribution.pdf

Florida Chamber Foundation

Florida Trade and Logistics Study, December 2010

https://www.communicationsmgr.com/projects/1378/docs/FloridaTradeandLogisticsStudy_December2010.pdf

Florida Department of Transportation – Seaports

<http://www.dot.state.fl.us/seaport/seamap.shtm>

Florida Department of Transportation - Florida Statewide Seaport System Plan, December 2010

http://www.dot.state.fl.us/seaport/pdfs/_FDOT%20Seaport%20Plan_Report_complete.pdf

Florida Department of Transportation – Seaports

<http://www.dot.state.fl.us/seaport/seamap.shtm>

Employ Florida Global Logistics Banner Center

www.logisticsbannercenter.com

Jacksonville Port Authority (JAXPORT)

www.jaxport.com

Florida State College

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