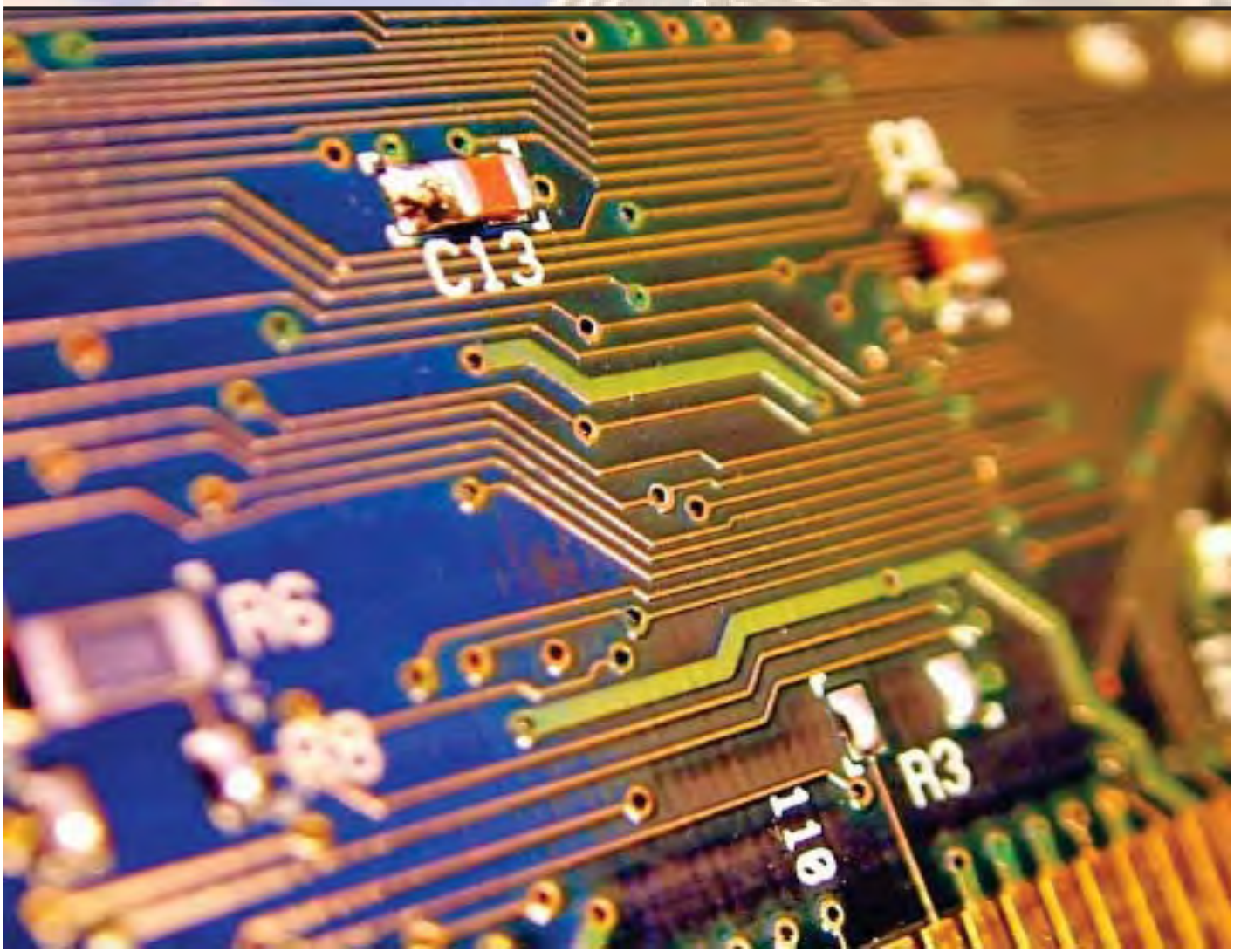
Labor Market Industry Profile

Florida Manufacturing Industry



Source: Florida Agency for Workforce Innovation, Labor Market Statistics Center
Prepared May 2010

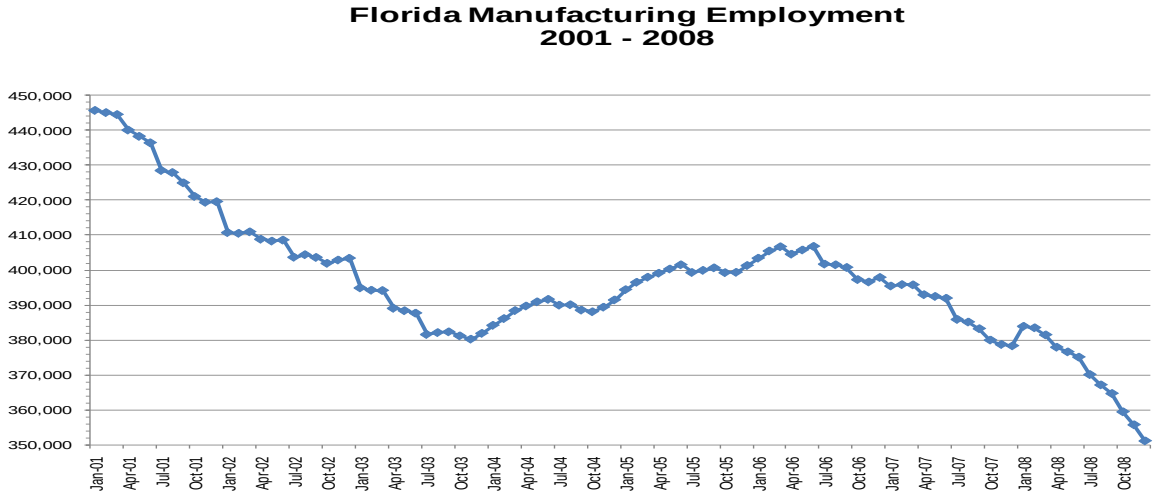
Florida Manufacturing Industry

Florida Manufacturing Facts:

- Manufacturing is a vital part of Florida's economy.
- Florida manufacturing ranks 13th in the nation, based on employment.
- Manufacturing ranks 16th based on contribution (approximately 5%) to Florida's gross state product.
- There are over 17,850 manufacturers, which employ approximately 358,000 manufacturing employees.
- Small companies make up 71% of Florida's manufacturers.
- Florida manufacturers are concentrated in the Northeast, Central/Space Coast, Tampa Bay, and Southeast regions.
- Miami, Tampa and Jacksonville are Florida's top industrial cities, accounting for 20% of the state's manufacturers.

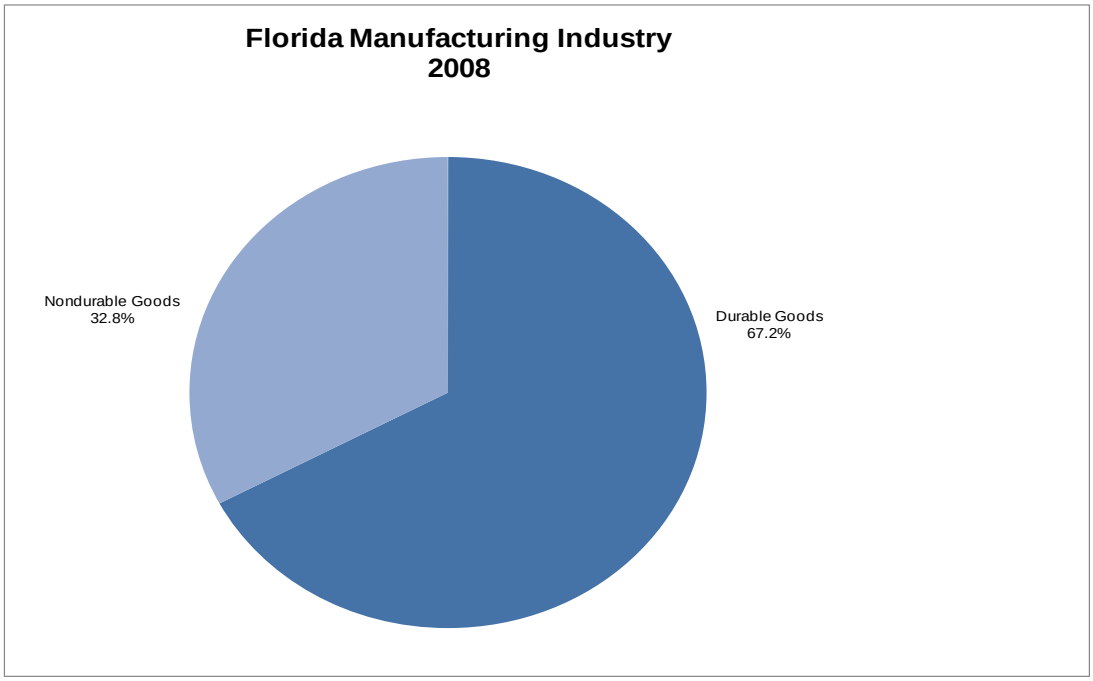
  Source: Employ Florida Banner Center for Manufacturing.

- In December 2008, manufacturing had 357,700 jobs in Florida. This represents a loss of 30,100 jobs (-7.8 percent) over the year.



Source: Florida Agency for Workforce Innovation, Labor Market Statistics Center, Quarterly Census of Employment and Wages Program (QCEW), prepared April 2010.

- In Florida, manufacturing is 4.9 percent of total industry employment. It is separated into durable goods and nondurable goods. Durable goods accounts for 67.2 percent of employment and nondurable goods accounts for 32.8 percent.



Source: Florida Agency for Workforce Innovation, Labor Market Statistics Center, Quarterly Census of Employment and Wages Program (QCEW), prepared April 2010.

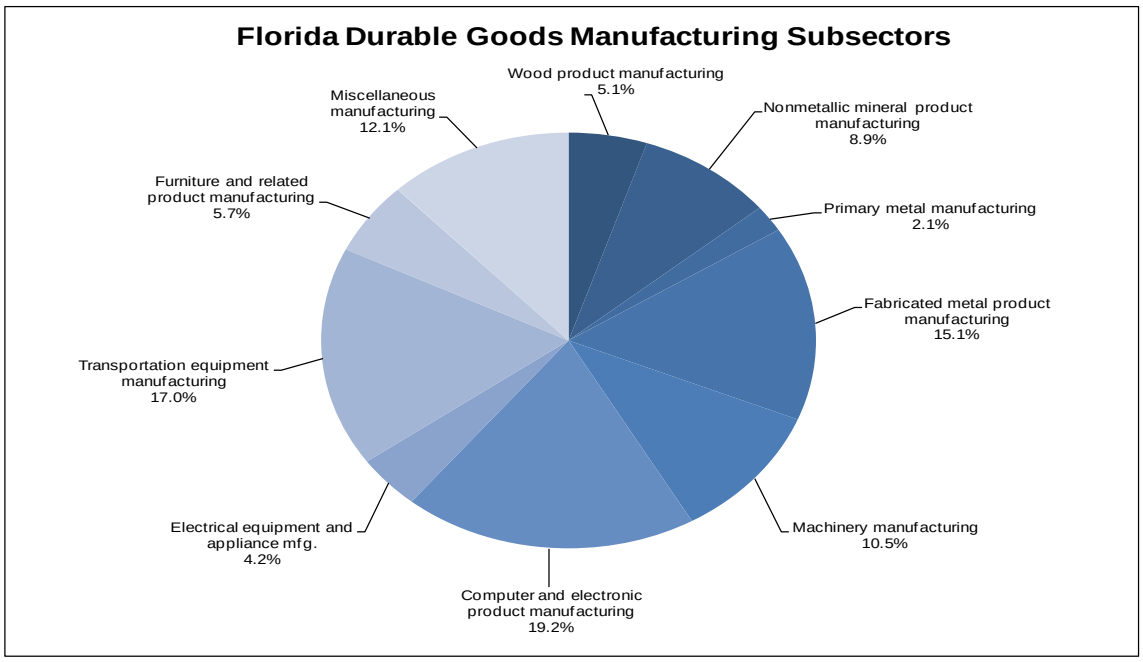
- Manufacturing had 17,850 establishments in 2008 with an average monthly employment of 370,606, down 17,386 jobs from 2007. Durable goods manufacturing lost 13,333 jobs (-5.1 percent) and nondurable goods lost 4,053 jobs (-3.2 percent) over the year. The greatest losses in manufacturing were in wood products (-4,180 jobs, -24.6 percent), which were related to the downturn in construction. Electrical equipment and appliance manufacturing experienced the greatest gain (+992 jobs, +10.4 percent) in the manufacturing industry.

- The largest subsectors in manufacturing in 2008 were computer and electronic products (47,923 jobs); transportation equipment (42,458 jobs); and fabricated metal products (37,534 jobs). These three industries are all subsectors of durable goods and combined make up 34.5 percent of total manufacturing employment.

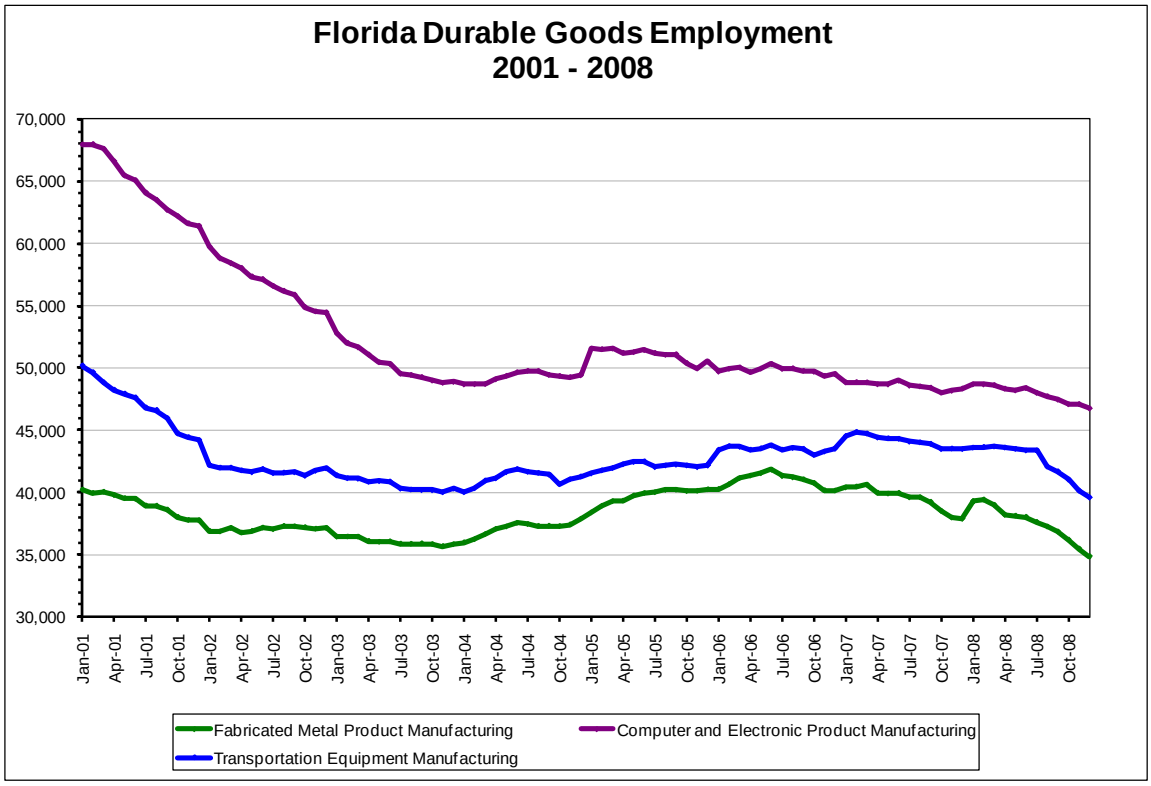
Durable Goods Manufacturing

- Durable goods manufacturing includes the following industry subsectors: wood product manufacturing, nonmetallic mineral product manufacturing, primary metal manufacturing, fabricated metal product manufacturing, machinery manufacturing, computer and electronic product manufacturing, electrical equipment and appliance manufacturing, transportation equipment manufacturing, furniture and related manufacturing, and miscellaneous manufacturing.

- The largest industry subsectors in durable goods manufacturing in 2008 were computer and electronic products (47,923 jobs); transportation equipment (42,458 jobs); and fabricated metal products (37,534 jobs). These three subsectors amounted to 51.4 percent of durable goods manufacturing employment.



Source: Florida Agency for Workforce Innovation, Labor Market Statistics Center, Quarterly Census of Employment and Wages Program (QCEW), prepared April 2010.



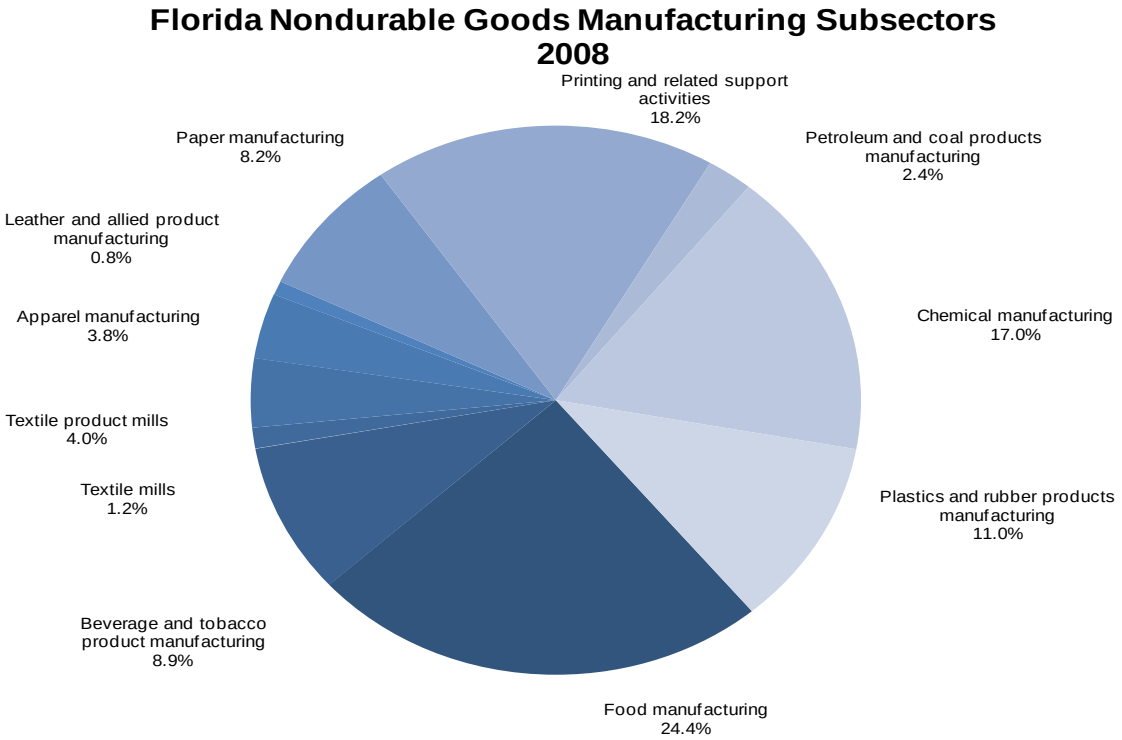
Source: Florida Agency for Workforce Innovation, Labor Market Statistics Center, Quarterly Census of Employment and Wages Program (QCEW), prepared April 2010.

- Electrical equipment and appliance manufacturing (+992 jobs, +10.4 percent), machinery manufacturing (+566 jobs, +2.2 percent), and miscellaneous manufacturing (+393 jobs, +1.3 percent) led durable goods manufacturing in job gains. The top three subsectors leading in job losses within durable goods were: wood products (-4,180 jobs, -24.6 percent), nonmetallic mineral products (-4,038 jobs, -15.4 percent), and furniture and related product manufacturing (-2,503 jobs, -15.0 percent). Most of these declines were related to the drop in construction activity.

Nondurable Goods Manufacturing

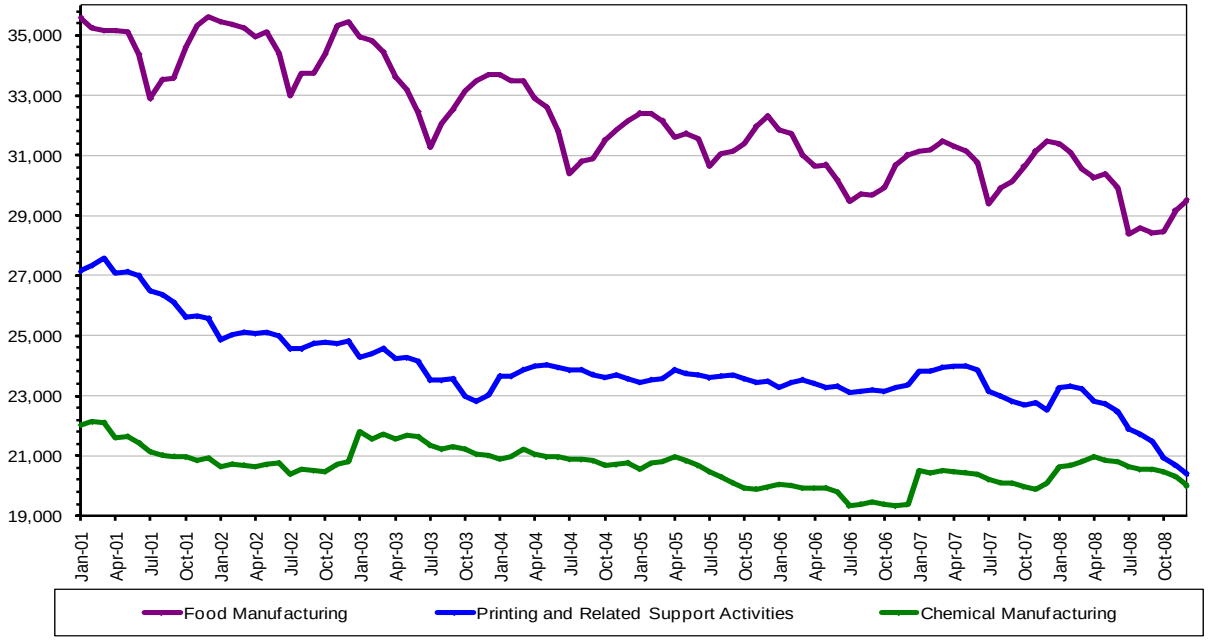
- Nondurable goods manufacturing is divided into the following subsectors: food manufacturing, beverage and tobacco products, textile mills, textile product mills, apparel manufacturing, leather and allied products, paper manufacturing, printing and related support activities, petroleum and coal products, chemical manufacturing, and plastics and rubber manufacturing.

- The largest industry subsectors in the nondurable goods sector in 2008 were food manufacturing (29,675 jobs); printing and related support activities (22,082 jobs); and chemical manufacturing (20,610 jobs). Combined, these three subsectors accounted for 59.5 percent of nondurable goods employment.



Source: Florida Agency for Workforce Innovation, Labor Market Statistics Center, Quarterly Census of Employment and Wages Program (QCEW), prepared April 2010.

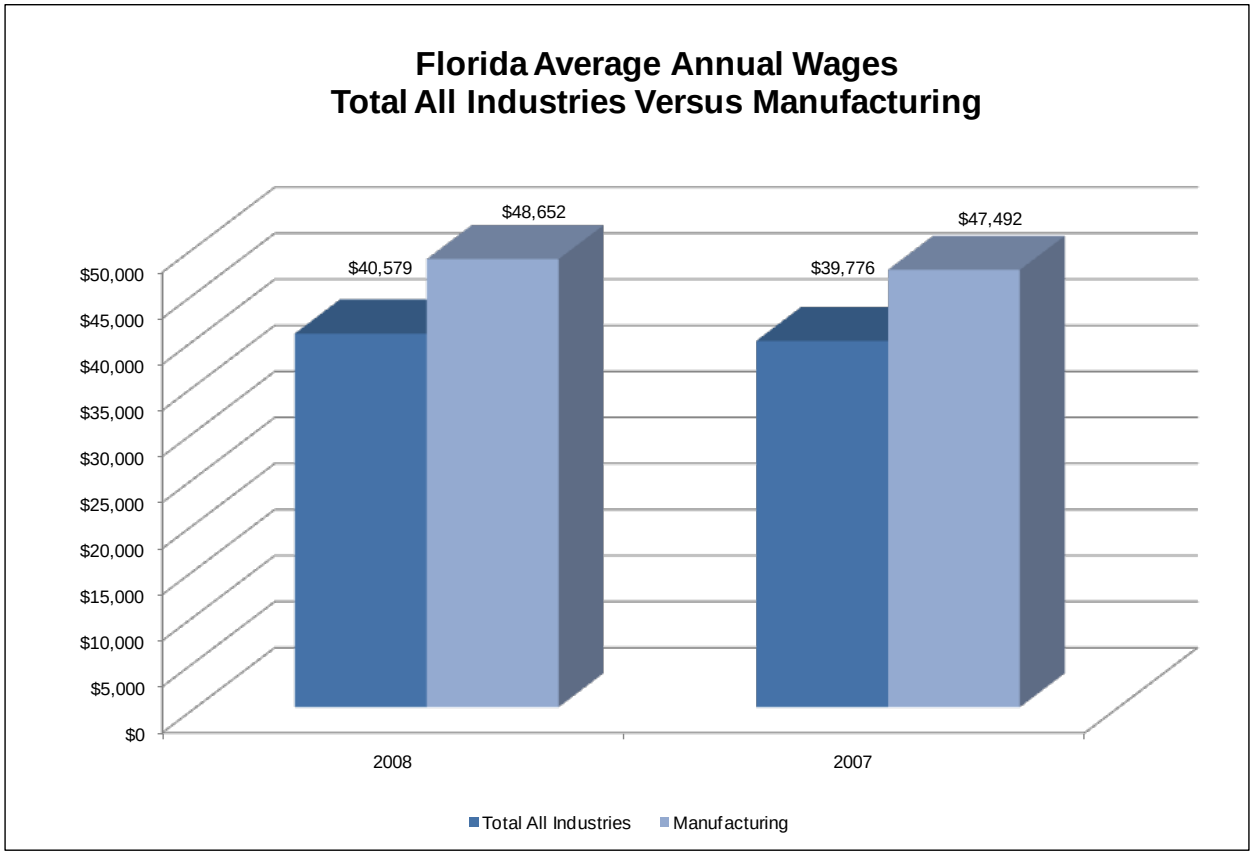
Florida Nondurable Goods Employment
2001 - 2008



Source: Florida Agency for Workforce Innovation, Labor Market Statistics Center, Quarterly Census of Employment and Wages Program (QCEW), prepared April 2010.

- Chemical manufacturing (+348 jobs, +1.7 percent), textile mills (+242 jobs, +19.6 percent), and apparel manufacturing (+186 jobs, 4.2 percent) gained the most jobs in nondurable goods between 2007 and 2008. Printing and related support activities (-1,282 jobs, -5.5 percent), plastics and rubber products manufacturing (-1,246 jobs, -8.5 percent), and food manufacturing (-1,133 jobs, -3.7 percent) led in job losses over the year.

- The 2008 annual average wage for workers in manufacturing was $48,652, exceeding the state's total annual average wage of $40,579 by 19.9 percent. Durable goods had an annual average wage of $50,776, 14.6 percent greater than the nondurable goods wage of $44,301. Computer and electronic product manufacturing had a wage of $69,517, the highest of any other subsector in the manufacturing industry.



Source: Florida Agency for Workforce Innovation, Labor Market Statistics Center, Quarterly Census of Employment and Wages Program (QCEW), prepared April 2010.

- Occupations with the most employment in the manufacturing industry are: team assemblers, first line supervisors of production and operating workers, and electrical and electronic equipment assemblers. Together, these three occupations account for almost 12 percent of employment in this industry.

- The fifteen largest occupations listed in the table below represent 36.3 percent of the jobs in the manufacturing industry.

Top Occupations in Manufacturing Industry

Occupation Title	Employment 2009	Employment 2017	Annual Change Total	Annual Change Percent	% of Industry Total	2009 Average Wage	*Training Requirement
Total, All Occupations	337,607	344,921	914	0.27		19.38	
Team Assemblers	19,548	20,400	107	0.54	5.79	12.05	High School
First-Line Superv. of Production and Operating Workers	12,147	12,491	43	0.35	3.60	26.26	PSAV*
Electrical and Electronic Equipment Assemblers	8,630	6,983	-206	-2.39	2.56	13.49	PSAV
Sales Representatives, Wholesale and Manufacturing, Nontechnical	8,276	8,457	23	0.27	2.45	27.24	PSAV
Office Clerks, General	8,043	8,246	25	0.32	2.38	12.11	High School
Laborers and Freight, Stock, and Material Movers, Hand	7,659	6,956	-88	-1.15	2.27	11.49	LTHS
Helpers - Production Workers	7,298	7,357	7	0.10	2.16	11.50	LTHS
Inspectors, Testers, Sorters, Samplers, and Weighers	7,295	7,169	-16	-0.22	2.16	15.46	High School
Truck Drivers, Heavy and Tractor-Trailer	6,524	7,349	103	1.58	1.93	17.25	PSAV
Industrial Engineers	6,508	7,735	153	2.36	1.93	32.76	Bachelor's
Machinists	6,475	7,034	70	1.08	1.92	17.19	PSAV
Packaging and Filling Machine Operators and Tenders	6,213	5,962	-31	-0.50	1.84	12.32	LTHS
Welders, Cutters, Solderers, and Brazers	6,023	6,601	72	1.20	1.78	16.78	PSAV
Customer Service Representatives	5,963	6,523	70	1.17	1.77	14.36	PSAV
Mixing and Blending Machine Setters, and Operators	5,788	5,983	24	0.42	1.71	14.16	High School

* PSAV – Post Secondary Adult Vocational Certificate
LTHS – less than high school

Source: Florida Agency for Workforce Innovation, Labor Market Statistics Center, Long Term Projections Program, Forecast to 2017.

- Team assemblers is the largest occupation within the manufacturing industry with an average wage of $12.05 per hour.

- Average hourly wages among the fifteen largest manufacturing industry occupations range from a high of $32.76 for industrial engineers to a low of $11.49 for laborers and freight, stock, and material movers.

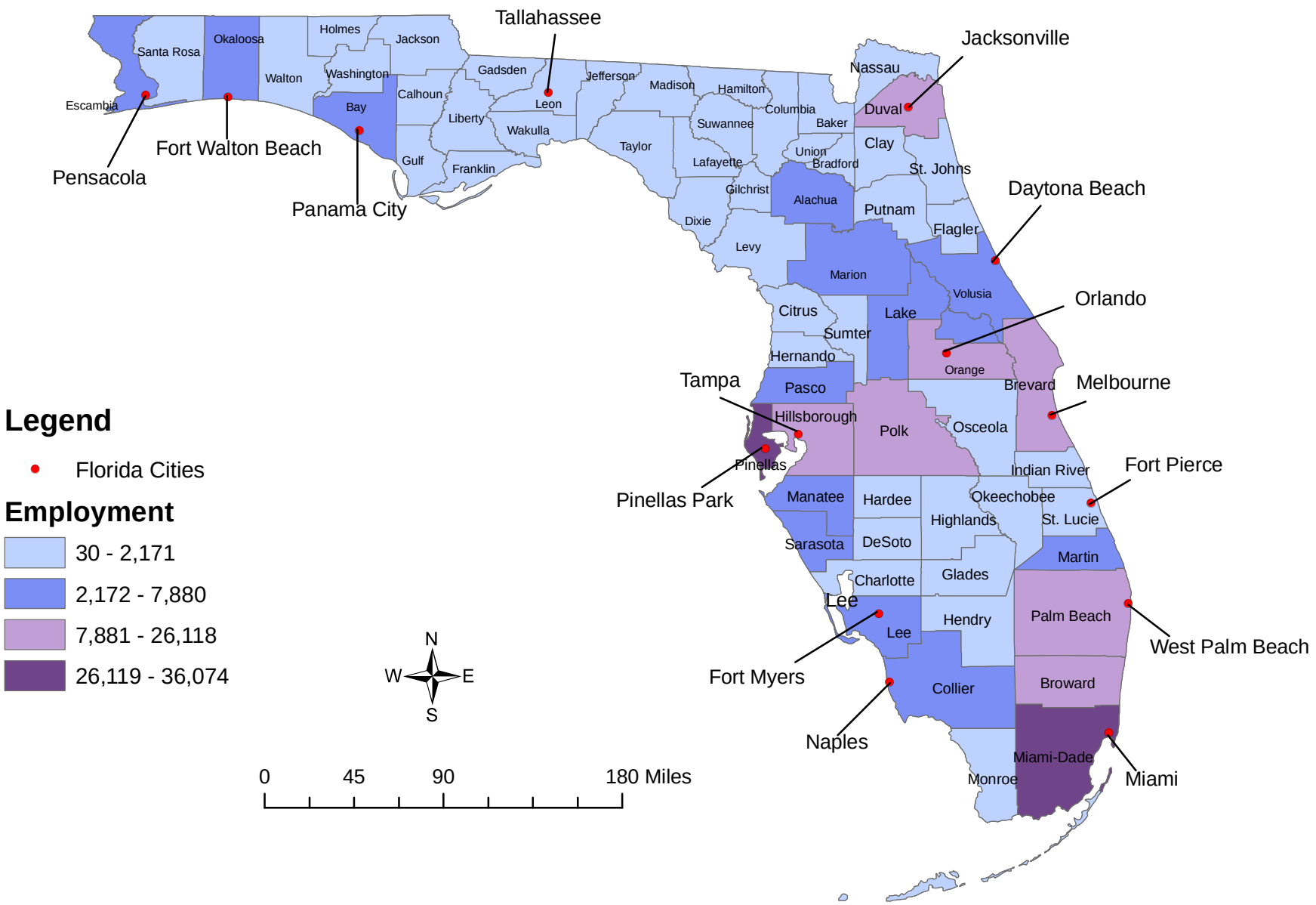
- The two highest paying occupations are industrial engineers ($32.76 per hour) and nontechnical sales representatives, wholesale and manufacturing ($27.24 per hour).

- Higher wages are found in occupations with greater training requirements. Eight of the fifteen largest manufacturing occupations require additional certification beyond a high school diploma.

- Employment in the manufacturing industry is concentrated in the southeast, central, and northeast parts of the state. Miami-Dade, and Pinellas contribute over 30,000 jobs each, while Broward, Hillsborough, Orange, Duval, Brevard, Palm Beach, and Polk contribute over 15,000 jobs each. Together, these nine counties account for 68.7 percent of Florida manufacturing jobs.

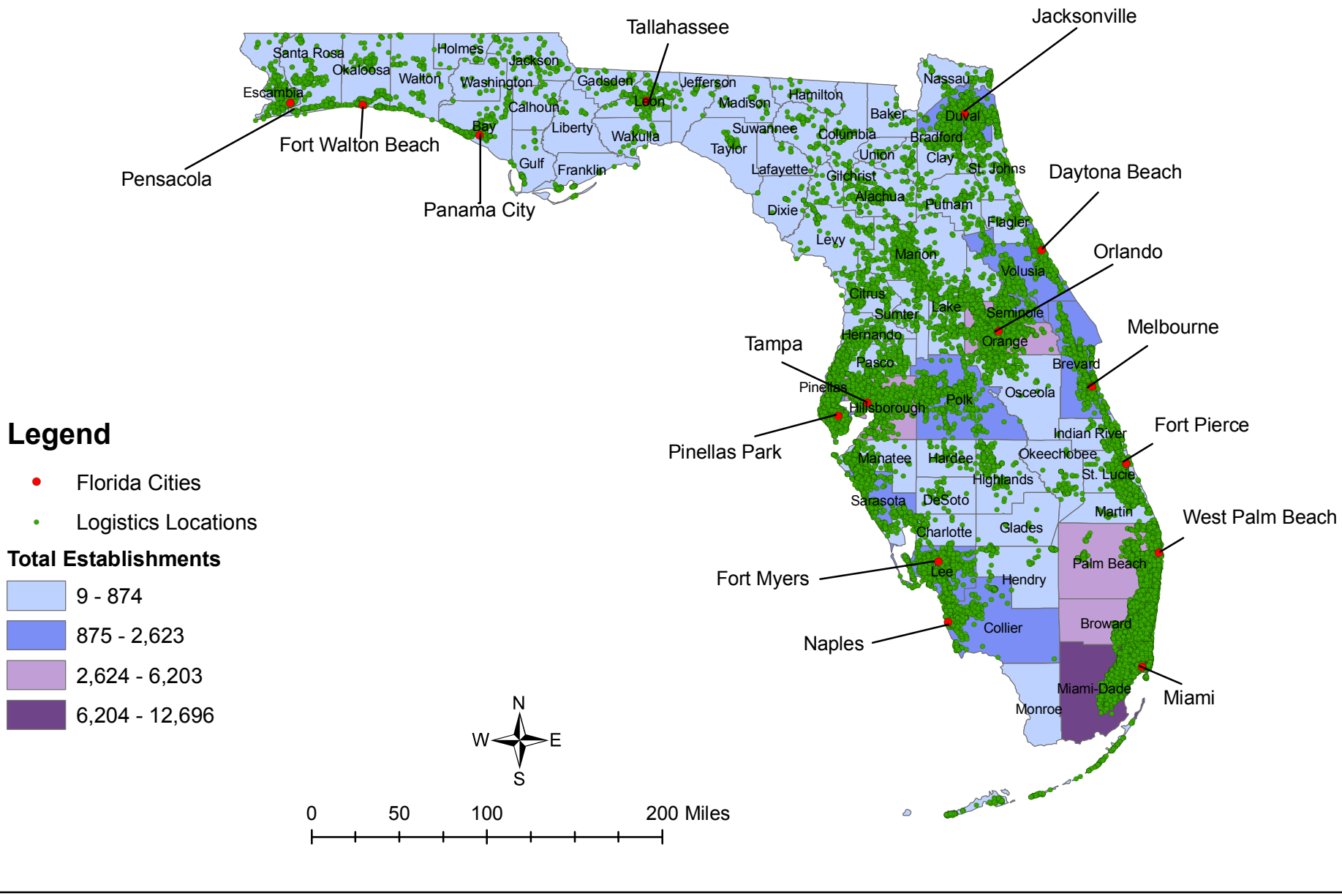
- Alachua (+288 jobs), Pasco (+106 jobs), and Hardee (+74 jobs) gained the most manufacturing jobs, while Miami-Dade (-2,906 jobs), Hillsborough (-1,837 jobs), Broward (-1,333 jobs), and Lee (-1,328 jobs) experienced the greatest annual job loss.

Manufacturing Employment



Source: Florida Agency for Workforce Innovation, Quarterly Census of Employment and Wages, 2009, Q3
Prepared by: Florida Agency for Workforce Innovation, Labor Market Statistics Center, May 2010

Concentration of Logistics and Distribution Establishments by Location



Source: InfoUSA Inc., Employer Database 2010-1st Edition
Prepared by: Florida Agency for Workforce Innovation, Labor Market Statistics Center, October 2009