**MANUFACTS for Florida**

March 1, 2013

**General Facts:**

* 18,107 manufacturing establishments
* 314,800 manufacturing employees (4.3% of total employment)
* Average annual wage in Florida is $42,312; Average annual manufacturing wage in FL is $52,378
* 81-85% of exports are manufactured goods
* More than 60% of Florida manufacturers are small businesses (less than 500 employees)
* Manufacturing comprised 5.6% of Florida’s Real Gross Domestic Product in 2011.

**Workforce Facts:**

* Manufacturing sectors with the most jobs:
	+ Computer and electronic product (43,000 jobs)
	+ Transportation equipment (35,900 jobs)
	+ Fabricated metal products (30,700)
	+ Food manufacturing (30,700)
* Manufacturing jobs are concentrated in the southeast, central, northeast
	+ Miami-Dade and Pinellas = 30,000 jobs
	+ Orange, Broward, Hillsborough, Duval, Brevard contribute 20,000 each
	+ Seven counties account for 59.1% of the manufacturing jobs
* Occupations with the most employment in the manufacturing industry are team assemblers, first line supervisors of production and operating workers, and packaging and filling machine operators and tenders.
* Higher wages were found with occupations that required more training. Eight of the fifteen largest manufacturing occupations require additional certifications beyond a high school diploma.
* Among the Highest Paid Occupations in Manufacturing
	+ Engineering managers - $59.72/hour
	+ Industrial production managers - $51.89/hour
	+ Aerospace engineers - $43.19
	+ Materials scientists- $41.28
* Top Manufacturing Occupations
	+ Team assemblers
	+ First Line Supervisor of Production and Operating Workers
	+ Packaging and Filling Machine Operators and Tenders
	+ Sales representatives
	+ Electric and electronic equipment assemblers
	+ Office clerks
	+ Industrial engineers
	+ Inspectors, Testers, Sorters and Weighers
	+ Customer service reps
	+ Machinists
	+ Welders, cutters, solderers, brazers
	+ Production worker helpers
	+ Printing press operators
	+ Mixing and blending machine setters and operators
	+ Truck drivers
* Newer hires have been higher skilled workers in growth sectors
* 24.6% of manufacturing workers are 55 or older
* Manufacturing will require continued training of incumbent and new workers due to increased use of technology in production, design and quality control
* Manufacturing has been on a long time trend of gains in output as technology has improved and employment has declined. Higher skilled workers and better equipment and processes allow the industry to increase productivity while declining in employment.
* Manufacturing will be an important industry in the development of the green economy where skill, knowledge and innovation are key elements.

Manufacturing certifications recommended by the Manufacturing Institute are available in:

[**Foundation Skills**](http://www.themanufacturinginstitute.org/Skills-Certification/Certifications/Certification-Partners/ACT.aspx)(MSSC CPT)
[**Cross-Cutting Technical Skills**](http://www.themanufacturinginstitute.org/Skills-Certification/Certifications/Certification-Partners/MSSC-CPT.aspx)[**Machining & Metalworking**](http://www.themanufacturinginstitute.org/Skills-Certification/Certifications/Certification-Partners/NIMS.aspx)[**Welding**](http://www.themanufacturinginstitute.org/Skills-Certification/Certifications/Certification-Partners/AWS.aspx)[**Automation**](http://www.themanufacturinginstitute.org/Skills-Certification/Certifications/Certification-Partners/ISA.aspx)[**Construction**](http://www.themanufacturinginstitute.org/Skills-Certification/Certifications/Certification-Partners/Construction.aspx)[**Die Casting**](http://www.themanufacturinginstitute.org/Skills-Certification/Certifications/Certification-Partners/Die-Casting.aspx)[**Fabrication**](http://www.themanufacturinginstitute.org/Skills-Certification/Certifications/Certification-Partners/Fabrication.aspx)[**Fluid Power**](http://www.themanufacturinginstitute.org/Skills-Certification/Certifications/Certification-Partners/Fluid-Power.aspx)[**Lean**](http://www.themanufacturinginstitute.org/Skills-Certification/Certifications/Certification-Partners/Lean.aspx)[**Mechatronics**](http://www.themanufacturinginstitute.org/Skills-Certification/Certifications/Certification-Partners/Mechatronics.aspx)[**Quality**](http://www.themanufacturinginstitute.org/Skills-Certification/Certifications/Certification-Partners/Quality.aspx)[**Transportation, Distribution, & Logistics**](http://www.themanufacturinginstitute.org/Skills-Certification/Certifications/Certification-Partners/TDL.aspx)[**Technology & Engineering**](http://www.themanufacturinginstitute.org/Skills-Certification/Certifications/Certification-Partners/Engineering.aspx)