



Florida Manufacturing

Adrienne Johnston, Bureau of Workforce Statistics and
Economic Research (WSER)

December 2019 Labor Statistical Data



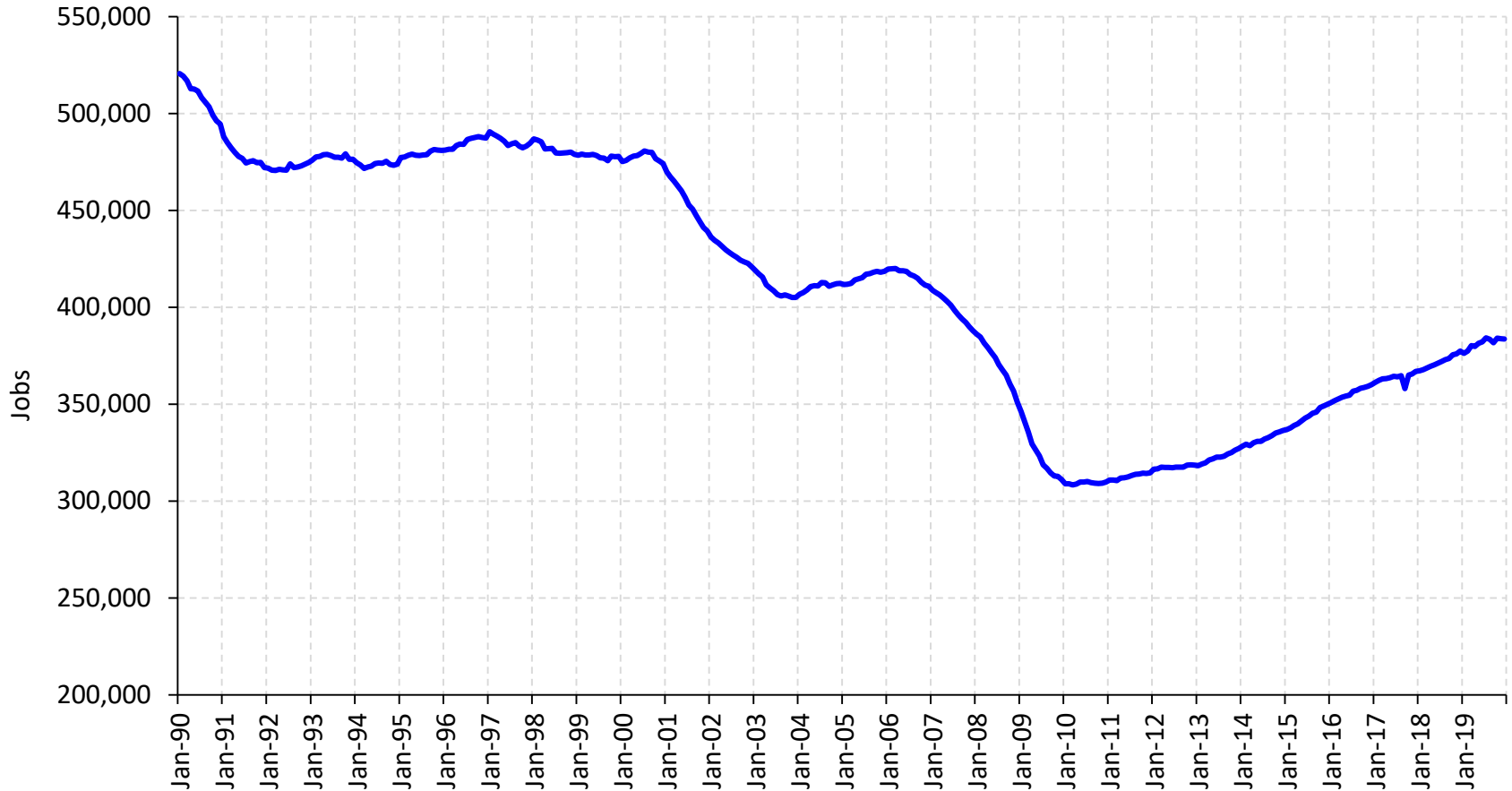
January 24, 2020

Florida Manufacturing Employment December 2019, Seasonally Adjusted

- In December 2019, manufacturing had 383,600 jobs in Florida, an increase of 6,200 jobs over the year.
- Manufacturing has gained jobs over the year for 108 consecutive months, after losing jobs over the year for more than four years.
- In the employment series that started back in 1990, the peak level of manufacturing employment was 520,700 in January 1990. Since that time there has been a loss of 137,100 jobs.
- In January 1990, manufacturing was 9.7 percent of total nonagricultural employment and has since dropped to the current level of 4.2 percent in December 2019.

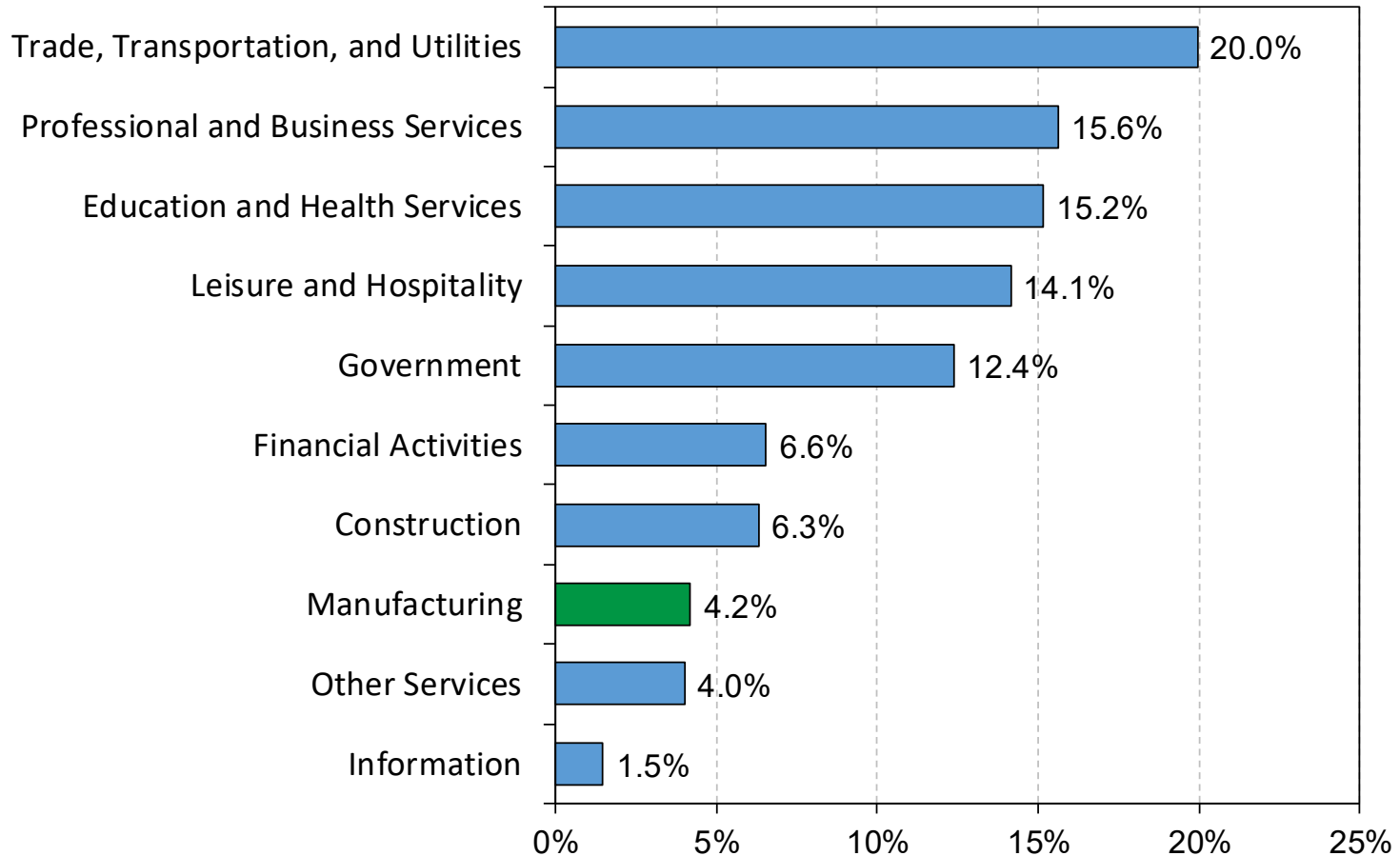
Source: U.S. Department of Labor, Bureau of Labor Statistics, Current Employment Statistics Program, released January 24, 2020.
Prepared by: Florida Department of Economic Opportunity, Bureau of Workforce Statistics and Economic Research (WSER).

Florida Manufacturing Employment January 1990 to December 2019, Seasonally Adjusted



Source: U.S. Department of Labor, Bureau of Labor Statistics, Current Employment Statistics Program, released January 24, 2020.
Prepared by: Florida Department of Economic Opportunity, Bureau of Workforce Statistics and Economic Research (WSER).

Total Nonagricultural Employment Share by Industry December 2019, Seasonally Adjusted



Note: Employment share percentages may not add to 100 due to rounding.

Source: U.S. Department of Labor, Bureau of Labor Statistics, Current Employment Statistics Program, released January 24, 2020.

Prepared by: Florida Department of Economic Opportunity, Bureau of Workforce Statistics and Economic Research (WSER).

Florida Employment by Industry

December 2019, Seasonally Adjusted

Industry	Florida
Total	9,104,000
Trade, Transportation, and Utilities	1,816,500
Professional and Business Services	1,424,300
Education and Health Services	1,382,600
Leisure and Hospitality	1,288,000
Total Government	1,129,300
Financial Activities	597,600
Construction	575,000
Manufacturing	383,600
Other Services	365,100
Information	136,100

Source: U.S. Department of Labor, Bureau of Labor Statistics, Current Employment Statistics Program, released January 24, 2020.
Prepared by: Florida Department of Economic Opportunity, Bureau of Workforce Statistics and Economic Research (WSER).

2018 Florida Manufacturing Employment by County

- Employment in the manufacturing industry is concentrated in the southeast, central, and northeast parts of the state.
 - Miami-Dade, Orange, and Pinellas counties contributed over 30,000 jobs each, while Hillsborough, Broward, Brevard, and Duval counties contributed over 20,000 jobs each.
- Together, these seven counties accounted for 57.9 percent of Florida manufacturing jobs.

Source: Florida Department of Economic Opportunity, Bureau of Workforce Statistics and Economic Research (WSER), Quarterly Census of Employment and Wages Program, in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics, released December 2019.

Wages by Industry

Florida, 2018

Industry	Average Annual Wages
Total, All Industries	\$50,092
Information	\$81,166
Financial Activities	\$75,340
Manufacturing	\$61,739
Professional and Business Services	\$60,915
Government	\$54,533
Education and Health Services	\$50,785
Construction	\$51,290
Trade, Transportation, and Utilities	\$44,753
Other Services	\$36,401
Natural Resources and Mining	\$34,688
Leisure and Hospitality	\$25,881

Source: Florida Department of Economic Opportunity, Bureau of Workforce Statistics and Economic Research (WSER), Quarterly Census of Employment and Wages Program.

Florida Manufacturing Establishments and Unemployment Rates

- Manufacturing had 20,766 establishments in the second quarter of 2019.¹
- The 2018 annual average unemployment rate in manufacturing was 3.3 percent, compared to 3.2 percent for all industries.²

Note: The unemployment rate is for the experienced civilian labor force only. This excludes persons with no previous work experience.

Sources: 1 Florida Department of Economic Opportunity, Bureau of Workforce Statistics and Economic Research (WSER), Quarterly Census of Employment and Wages Program.

The most recent data available are for 2019 Q2.

2 U.S. Department of Labor, Bureau of Labor Statistics, Current Population Survey (CPS). The most recent data available are for 2018.

Occupations in Manufacturing Florida 2018

- Occupations with the most employment in the manufacturing industry were: team assemblers; first-line supervisors of production and operating workers; packaging and filling machine operators and tenders; electrical and electronic equipment assemblers; and sales representatives, wholesale and manufacturing, nontechnical.
 - Together, these five occupations accounted for 22.0 percent of employment in this industry.
- Higher wages were found in occupations with greater training requirements. Nine of the fifteen largest manufacturing occupations require additional certification beyond a high school diploma.
- Financial managers (\$63.87/hr), architectural and engineering managers (\$62.43/hr), computer and information systems managers(\$62.28/hr), and sales managers (\$60.12/hr) are among the highest paid occupations in manufacturing.

Source: Florida Department of Economic Opportunity, Bureau of Workforce Statistics and Economic Research (WSER).

Top Manufacturing Occupations Florida 2018

Top Occupations in the Manufacturing Industry Cluster For All Training Levels

Occupation Title	Employment		2018 - 2026 Change		% of Industry Total	2017	Training Requirement
	2018	2026	Total	Percent		Mean Hourly Wage	
Total, All Manufacturing Occupations	371,681	382,622	10,941	2.94			
Team Assemblers	34,788	32,288	-2,500	-7.19	9.36	-	High School Diploma/GED
First-Line Supervisors of Production and Operating Workers	16,821	17,965	1,144	6.8	4.53	26.44	Postsecondary Vocational
Packaging and Filling Machine Operators and Tenders	11,857	12,537	680	5.74	3.19	11.97	Less than High School
Electrical and Electronic Equipment Assemblers	9,219	8,201	-1,018	-11.04	2.48	-	Postsecondary Vocational
Sales Representatives, Wholesale and Manufacturing, Except Technical and	9,028	9,556	528	5.85	2.43	22.97	Postsecondary Vocational
Office Clerks, General	8,715	8,496	-219	-2.51	2.34	13.76	High School Diploma/GED
Machinists	7,935	8,508	573	7.22	2.13	18.81	Postsecondary Vocational
Welders, Cutters, Solderers, and Brazers	7,882	8,682	800	10.15	2.12	17.44	Postsecondary Vocational
Industrial Engineers	7,751	8,727	976	12.59	2.09	33.81	Bachelor's Degree
Heavy and Tractor-Trailer Truck Drivers	7,334	7,965	631	8.6	1.97	18.39	Postsecondary Vocational
Inspectors, Testers, Sorters, Samplers, and Weighers	7,034	6,483	-551	-7.83	1.89	16.18	High School Diploma/GED
Customer Service Representatives	6,686	6,925	239	3.57	1.80	14.32	Postsecondary Vocational
Laborers and Freight, Stock, and Material Movers, Hand	5,925	6,345	420	7.09	1.59	12.12	Less than High School
Shipping, Receiving, and Traffic Clerks	5,604	5,720	116	2.07	1.51	14.27	Postsecondary Vocational
Mixing and Blending Machine Setters, Operators, and Tenders	5,223	5,533	310	5.94	1.41	15.53	High School Diploma/GED

Table reflects only occupations with publishable data according to U.S. Bureau of Labor Statistics confidentiality rules.

Source: Florida Department of Economic Opportunity, Bureau of Workforce Statistics and Economic Research (WSER).