New Jersey Manufacturing Highlights

• $47.4 billion to GDP in 2018, 8.5 percent of all output

• Large chemical manufacturing of 43,000, 5th behind only Texas, California, Illinois, and Ohio

• Great location offers access to consumers and transportation

• Average wages paid typically higher than most other industries

• $20 billion in total wages, 8.7 percent of all wages paid

• Workforce trending older

Source: United States Bureau of Economic Analysis, GDP in Chained 2012 Dollars
Quarterly Census of Employment and Wages, 2018 Annual Averages
Current Employment Statistics, 2018 Annual Average
Prepared by: New Jersey Department of Labor and Workforce Development
December, 2019
New Jersey manufactures a wide range of products including:

- Chemicals
- Glass products
- Electronics
- Machinery
- Aerospace
- Textiles
- Petroleum
- Cabinetry
- Pharmaceuticals
- Brewing
- Printing
- Wineries
- Industrial machinery
- Plastics
- Defense
- Cement products
- Food & beverage
- Medical devices
GDP from Northeast & Mid-Atlantic states

Gross Domestic Product Generated from Manufacturing Selected States, 2018

- Pennsylvania: $84 billion
- New York: $67 billion
- Massachusetts: $50 billion
- New Jersey: $47 billion
- Virginia: $42 billion
- Connecticut: $28 billion
- Maryland: $22 billion
- Delaware: $4 billion

$344 billion in GDP, 20 percent of US

NJ 4th contributing $47 billion

Chemical manufacturing in tri-state area (NJ, NY & PA) 15 percent of US (nearly $43 billion)

Source: United States Bureau of Economic Analysis, GDP in Chained 2012 Dollars
Prepared by: New Jersey Department of Labor and Workforce Development
December, 2019
Employment has been in decline for years, but the last few years have been positive

Employment in NJ down to 6 percent in 2018 from 14.6 percent in 1990

Same trend in US 16.2 percent down to 8.5 percent

Steeper losses during recessions

Nearly 10,000 jobs added since trough in 2013

Gray area denotes U.S. economic recession as defined by the National Bureau of Economic Research (NBER)

Source: NJLWD, Current Employment Statistics, Annual Averages
Prepared by: New Jersey Department of Labor and Workforce Development
December, 2019
New Jersey has an optimal location for manufacturing and distribution

New Jersey offers unique business advantages including:

- 40 percent of the US population within a day’s drive, or around 100 million potential consumers
- Highly educated and very diverse workforce
- Extensive transportation network includes land, air, and sea

Source: NJLWD, Quarterly Census of Employment and Wages, 2018 Annual Averages
Prepared by: New Jersey Department of Labor and Workforce Development
December, 2019
Employment by occupation type

Breakdown of Major Occupational Groups within Manufacturing Industry: New Jersey, 2018

- Production: 46%
- Office and Administrative Support: 11%
- Transportation and Material Moving: 10%
- Management: 6%
- Architecture and Engineering: 5%
- All Other: 22%

Nearly half involved with production

11 percent are STEM occupations

“Other” 22 includes business, sales and other profession and service occupations

Prepared by: New Jersey Department of Labor and Workforce Development
December, 2019
Workforce has been aging for the last 20 years

65+ group tripled to 9 percent

Fastest growing - 55-64

Biggest decline - 35-44

Only 23 percent under 35

Source: United States Census Bureau, Quarterly Workforce Indicators
Prepared by: New Jersey Department of Labor and Workforce Development
December, 2019
Click [here](http://lwd.dol.state.nj.us/) for more detailed analysis of this industry

New Jersey Department of Labor & Workforce Development

[http://lwd.dol.state.nj.us/](http://lwd.dol.state.nj.us/)

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