# LMI Data Overview

New Jersey Department of Labor & Workforce Development

Office of Research and Information

## What Is LMI?

Labor Market Information includes all quantitative or qualitative data and analysis related to employment and the workforce.

The goal of LMI is to help customers make informed plans, choices, and decisions for several purposes, including:

- Business investment decision making
- Career planning and preparation
- Education and training offerings
- Job search opportunities
- Hiring
- Public or private workforce investments

James F. Woods and Christopher J. O'Leary, "Conceptual Framework for an Optimal Labour Market Information System," W.E. Upjohn Institute for Employment Research, Technical Report No. 07-022, December 2006.

# NJ Department of Labor & Workforce Development Offers a Variety of Information for Your Use

Population and Demographic Trends

Census Data

### **Economic Data**

- Labor Force Estimates
- Unemployment Rates
- Employment Data
- ► Industry and Occupational Employment Projections
- Population and Labor Force Projections
- Occupational Wage Rates

# **Key Industry Sectors**

Life Sciences

Transportation, Distribution & Logistics

Finance

Manufacturing

Health Care

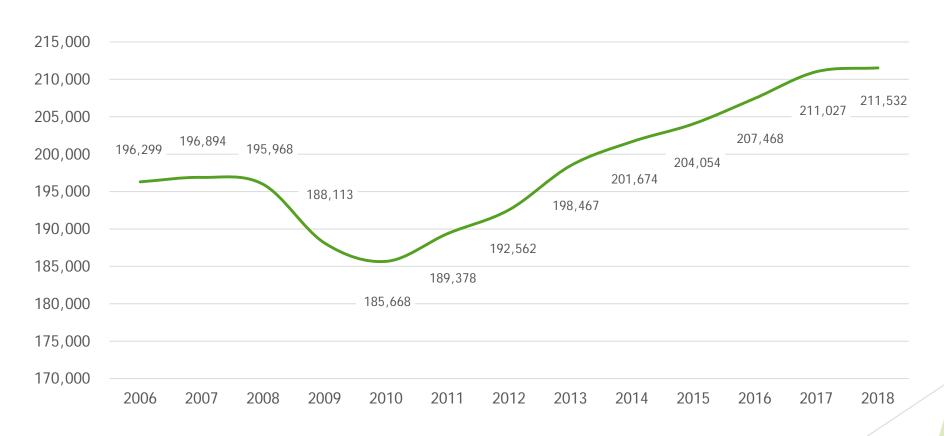
**Technology** 

Leisure & Hospitality

Retail Trade

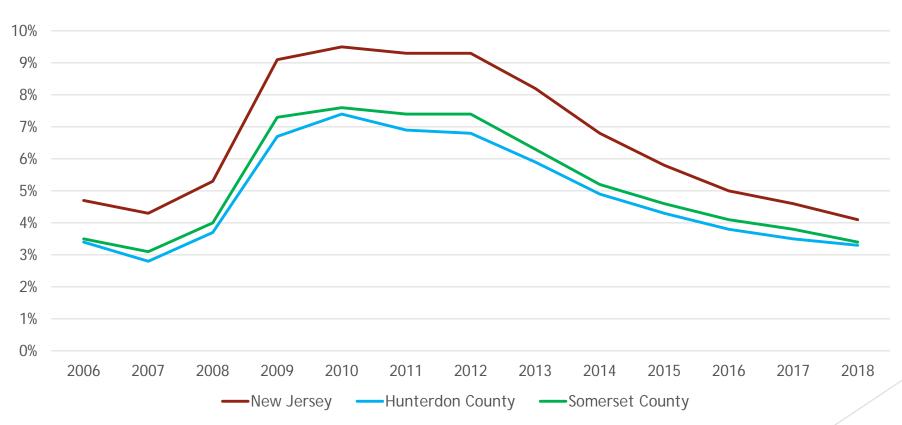
Construction & Utilities

# Hunterdon and Somerset County Combined Employment 2006-2018



Source: Quarterly Census of Employment & Wages (QCEW), Annual Averages Prepared by: NJ Department of Labor and Workforce, Bureau of Labor Market Information, September 2019

# Unemployment Rates 2006-2018 Hunterdon & Somerset vs. Statewide NJ



Source: NJLDOL, Labor Force Estimates
Prepared by: NJ Department of Labor and Workforce, Bureau of Labor Market
Information, September 2019

# Census Reporter



Income

\$52,785

Per capita income

about 1.3 times the amount in New Jersey: \$40,567

more than 1.5 times the amount in United States: \$32,397

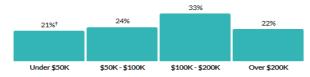
\$112,153

Median household income

about 1.4 times the amount in New Jersey: \$80,088

nearly double the amount in United States: \$60,336

Household income



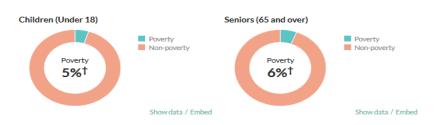
Show data / Embed

#### Poverty

5.2%

#### Persons below poverty line

about half the rate in New Jersey: 10% about two-fifths of the rate in United States: 13.4%



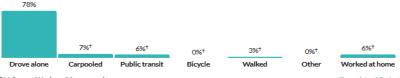
#### Transportation to work

### 32 minutes

#### Mean travel time to work

about the same as the figure in New Jersey: 32.1 about 20 percent higher than the figure in United States: 26.9

#### Means of transportation to work



\* Universe: Workers 16 years and over

Show data / Embed

# Educational Attainment for the Population of Somerset & Hunterdon Counties (Age 25 and Over)

#### **Educational attainment**

95.2%

High school grad or higher

a little higher than the rate in New Jersey: 89.9%

about 10 percent higher than the rate more than 1.5 times the rate in in United States: 88%

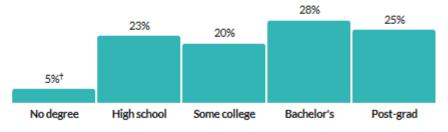
52.5%

Bachelor's degree or higher

about 1.3 times the rate in New Jersey: 39.7%

United States: 32%

#### Population by minimum level of education



\* Universe: Population 25 years and over

Show data / Embed

#### **Educational attainment**

95.2%

High school grad or higher

a little higher than the rate in New Jersey: 89.9%

about 10 percent higher than the rate more than 1.5 times the rate in in United States: 88%

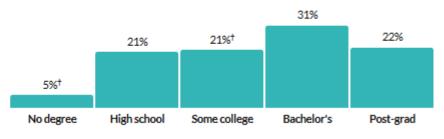
53%

Bachelor's degree or higher

about 1.3 times the rate in New Jersey: 39.7%

United States: 32%

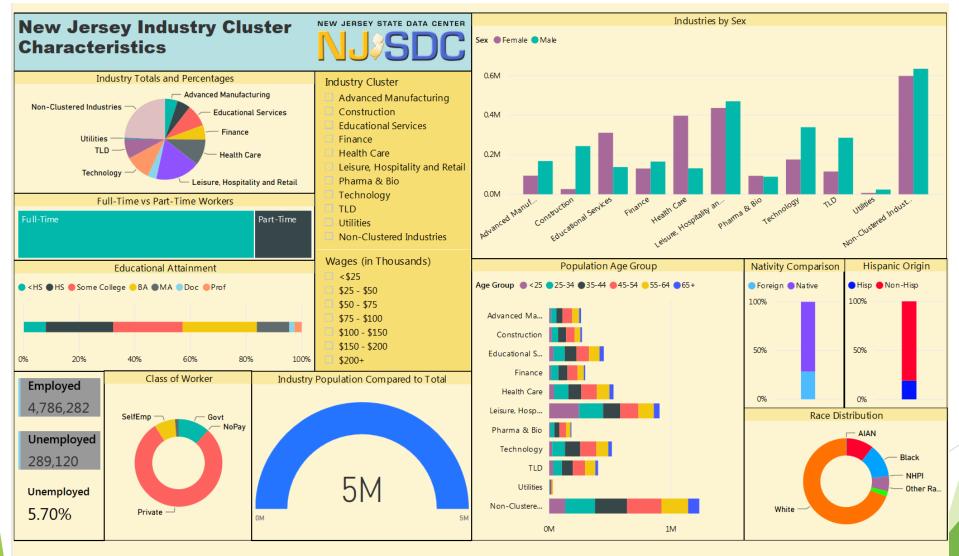
#### Population by minimum level of education



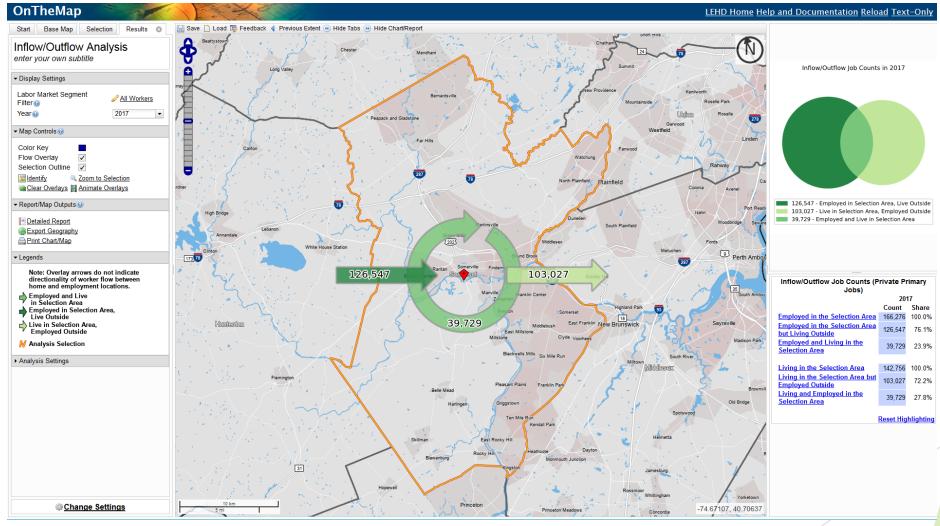
\* Universe: Population 25 years and over

Show data / Embed

# **Industry Cluster Characteristics**

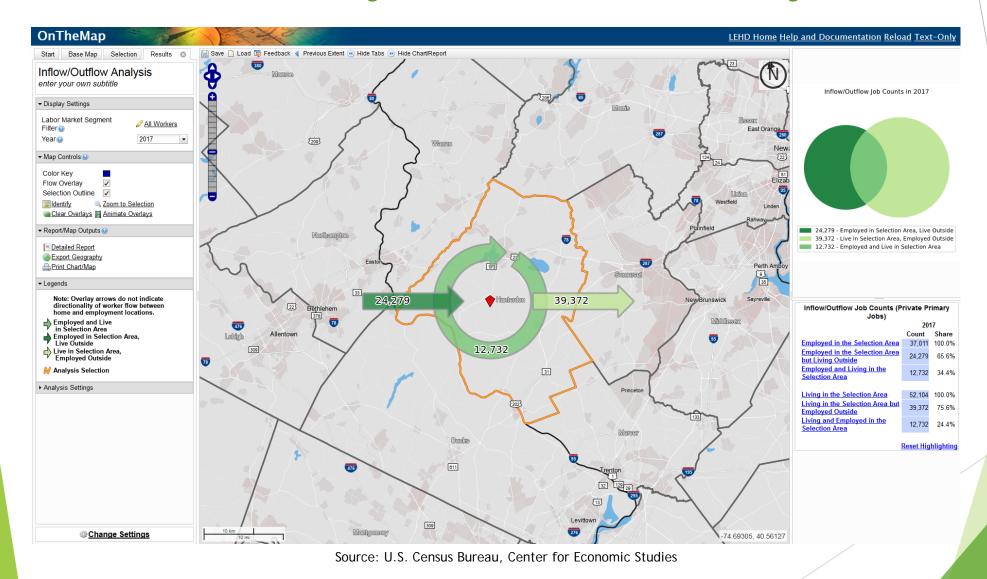


# Somerset County Inflow/Outflow Analysis



Source: U.S. Census Bureau, Center for Economic Studies

# Hunterdon County Inflow/Outflow Analysis

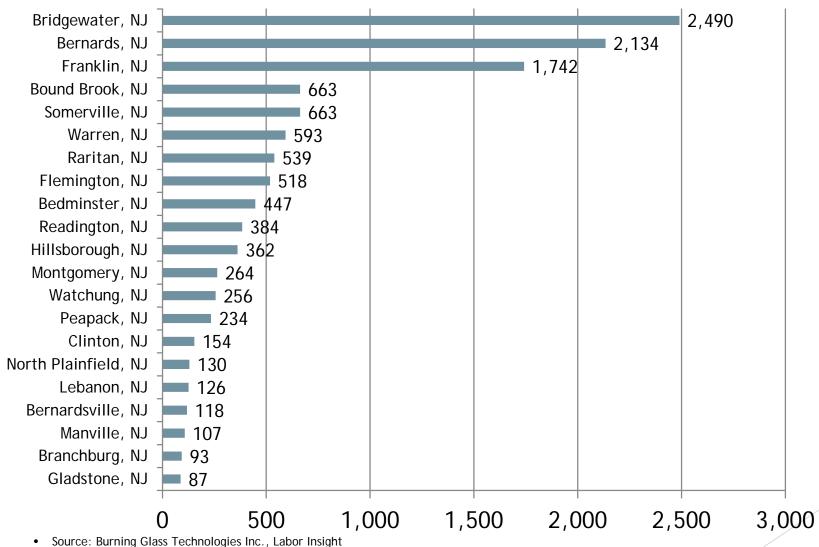


# Burning Glass - Labor Insight

- ➤ The New Jersey Department of Labor and Workforce Development through its agreement with Burning Glass Technologies is able to provide labor market information aggregated from online employer job listings during a given time period.
- This data provides valuable insight regarding current employer demand for characteristics such as skills and educational requirements.
- Note that this data is not meant to represent all available employment opportunities, but rather should be viewed in terms of analysis of labor market demand.

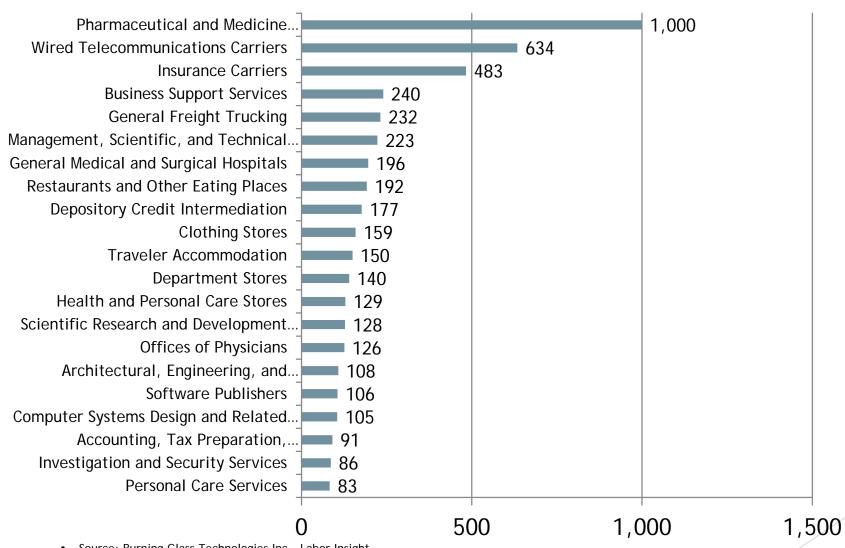
### Greater Raritan Cities With The Most Listings

Jun. 26, 2019 - Sep. 23, 2019 (Data not available after Sep. 21, 2019)



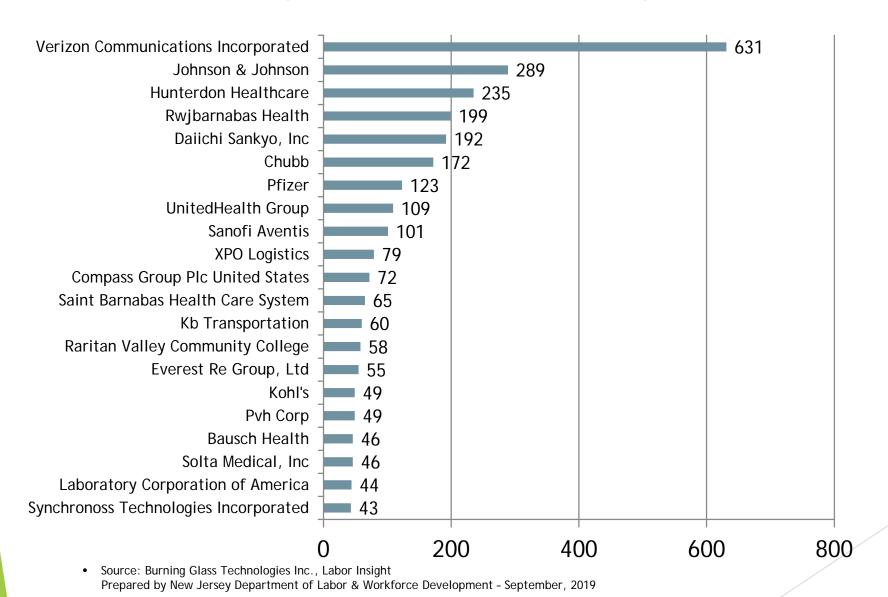
Source: Burning Glass Technologies Inc., Labor Insight
 Prepared by New Jersey Department of Labor & Workforce Development - September, 2019

### Greater Raritan Industries With The Most Listings

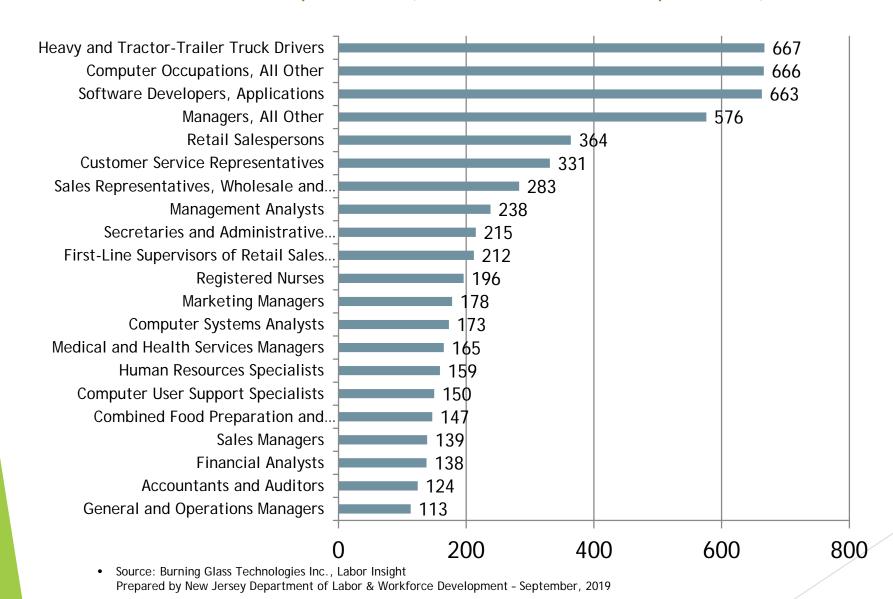


Source: Burning Glass Technologies Inc., Labor Insight
 Prepared by New Jersey Department of Labor & Workforce Development - September, 2019

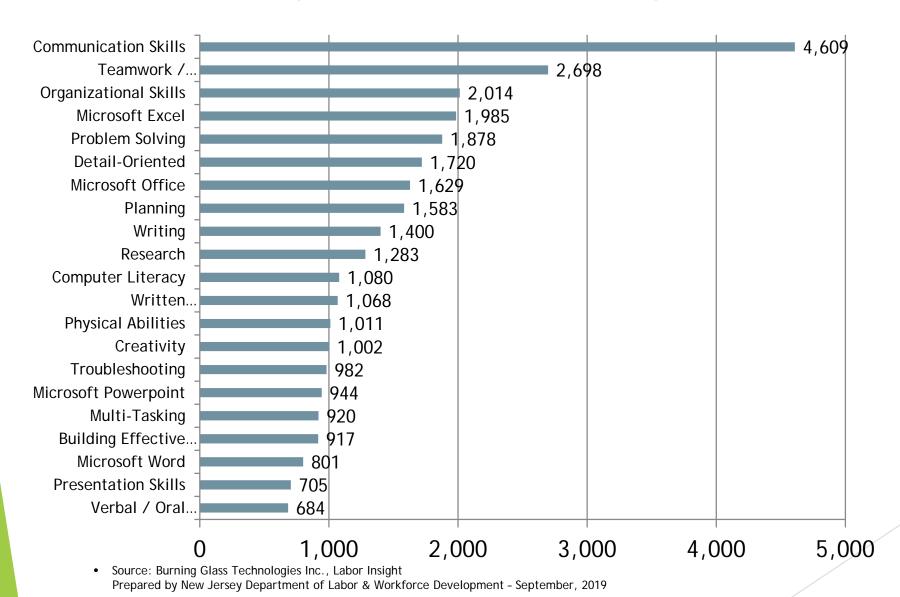
## Greater Raritan Employers With The Most Listings



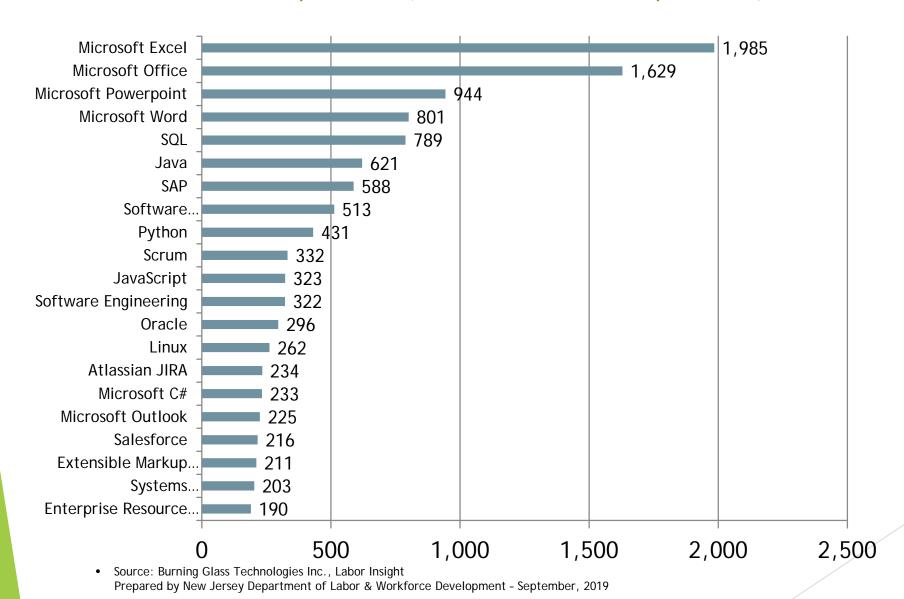
### Greater Raritan Top Detailed Occupational Listings



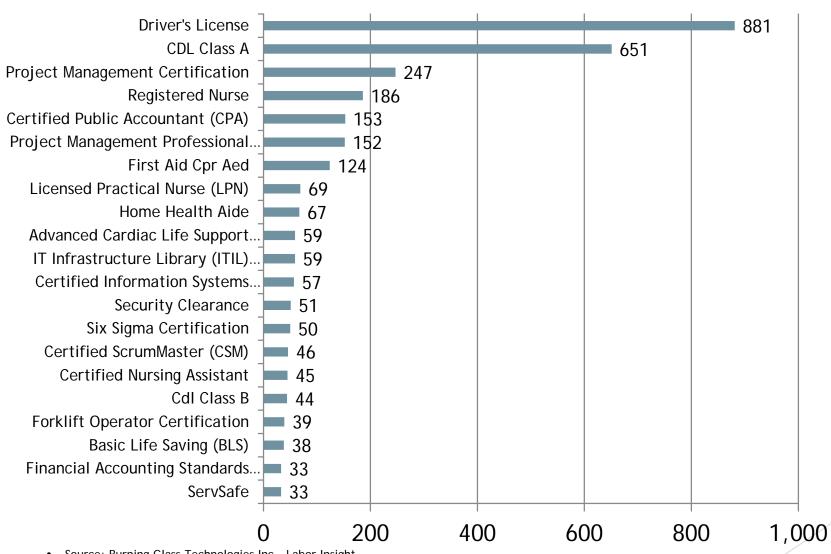
### Greater Raritan Baseline Skills in Greatest Demand



## Software & Programming Skills in Greatest Demand



### Greater Raritan Certifications in Greatest Demand



<sup>•</sup> Source: Burning Glass Technologies Inc., Labor Insight
Prepared by New Jersey Department of Labor & Workforce Development - September, 2019

## Occupational Analysis

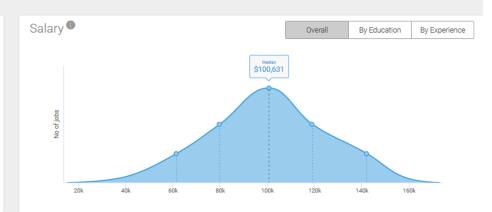
#### Occupation Analysis - Computer Programmers

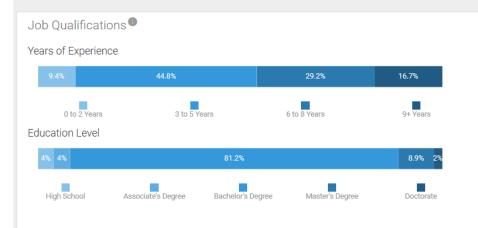
Save / Export... •

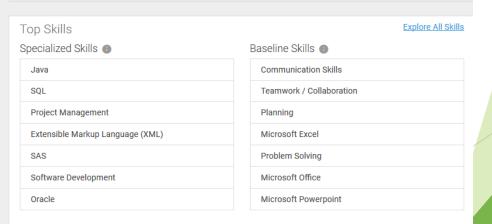
Create, modify, and test the code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. May assist software developers by analyzing user needs and designing software solutions. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.

Common job titles: Programmer/Analyst, Programmer, Senior Programmer/Analyst, Will Sort, Scan, And Build Some Serious Muscle, Application Instructions

Overview	Skills Explorer	Employers & Industries	Top Locations	Related Jobs
Job Metri	CS			
	Job Postings Last 12 Months  High Demand  173		Projected Gro	wth 2.6%
	Time to Fill		Location Quo	tient
	similar to Fill 37 days			High







## Occupational Analysis

### Occupation Analysis - Computer Programmers

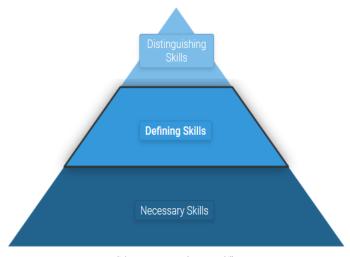
Save / Export...

Create, modify, and test the code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. May assist software developers by analyzing user needs and designing software solutions. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.

Common job titles: Programmer/Analyst, Programmer, Senior Programmer/Analyst, Will Sort, Scan, And Build Some Serious Muscle, Application Instructions

Overview Skills Explorer Employers & Industries Top Locations Related Jobs

#### Occupational Skills for Computer Programmers



Click a segment to explore more skills

An occupation's **Defining skills** represent the day-to-day tasks and responsibilities of the job. An employee needs these skills to qualify for and perform successfully in this occupation.

#### Top Defining skills by demand

Skill	Salary Premium	Job Postings Requesting Last 12 Months	Projected Growth	Location Quotient
Java	<b>Ø</b>	41	-2.2%	1.3 ^
SQL		29	-7.5%	0.8 🕶
Extensible Markup Language (XML)		24	-18.8%	2.8 🕿
.NET		14	-24.3%	1.1 -
JavaScript		12	+4.4%	0.6 🍑
SQL Server		8	-10.8%	1.0 -
Python		6	+23.7%^*	0.8 🗸

Learn more about Occupational Skill Categories.

## Occupational Analysis

pave / Export...

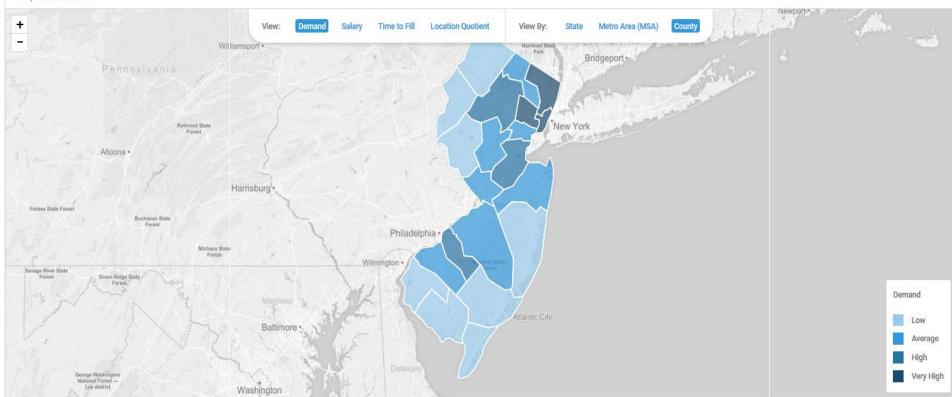
### Occupation Analysis - Computer Programmers

Create, modify, and test the code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. May assist software developers by analyzing user needs and designing software solutions. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.

Common job titles: Programmer/Analyst, Programmer, Senior Programmer/Analyst, Will Sort, Scan, And Build Some Serious Muscle, Application Instructions

Overview Skills Explorer Employers & Industries **Top Locations** Related Jobs

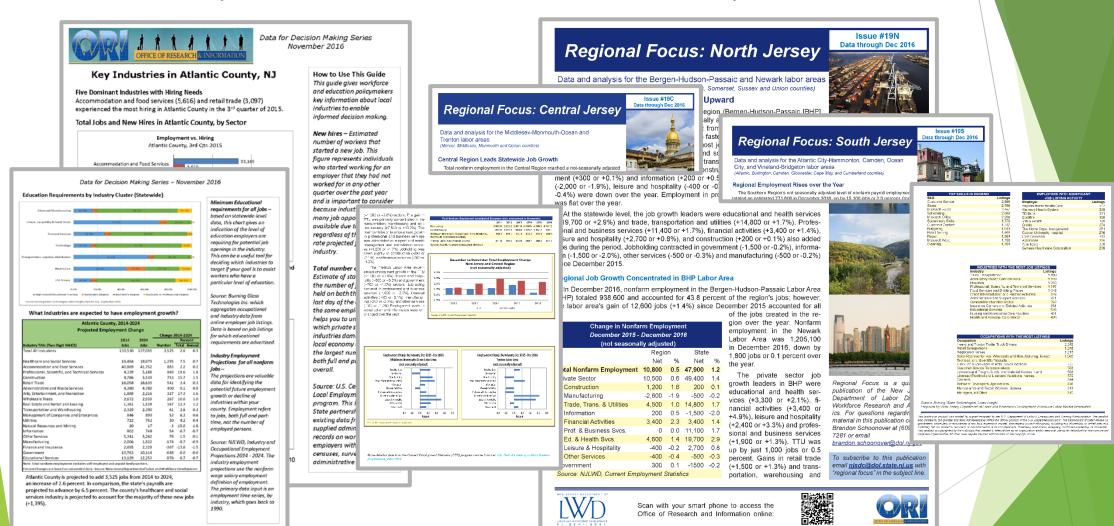
### Top Locations



# Publications

# Regional Reports

## (Labor Market Information>Publications)



# **Key Industry Reports**

(Labor Market Information>Publications>Industry Cluster Focus)



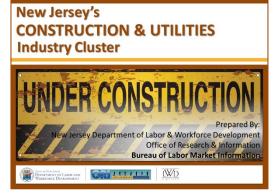














https://www.nj.gov/labor/lpa/pub/empecon/empeconomy\_index.html

# Special Reports

(Labor Market Information>Publications)



# Occupational Employment and Wages, 2017

A Detailed Analysis of New Jersey's Occupational Landscape

Published January 2019



https://www.nj.gov/labor/lpa/employ/oeswage/nj\_oes\_wage\_report.pdf

# **Economic Indicator Reports**

(Labor Market Information>Publications)

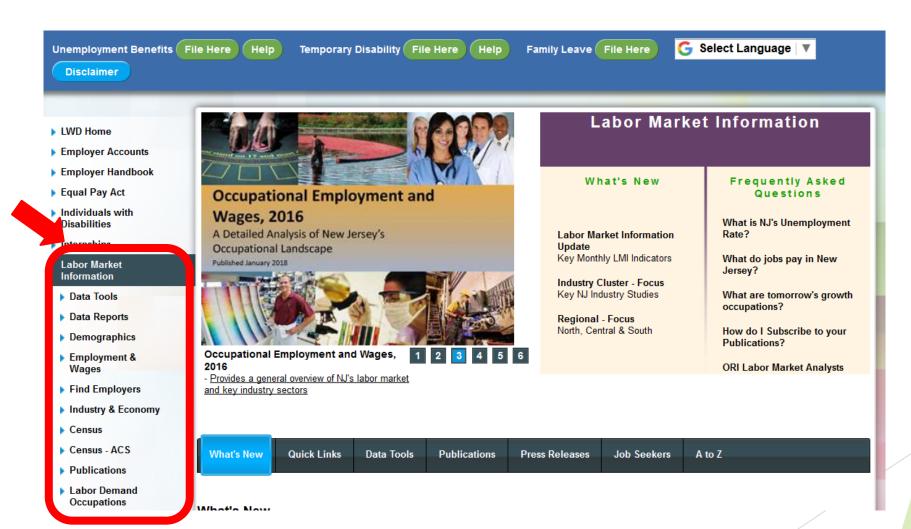




https://www.nj.gov/labor/lpa/content/maps/lmiupdate.pdf

https://www.nj.gov/labor/lpa/pub/ataglance\_index.html

# NJLWD Website



# Labor Market Analysts Contact Information

### DIVISION OF ECONOMIC & DEMOGRAPHIC RESEARCH BUREAU OF LABOR MARKET INFORMATION

JoAnne Caramelo Supervisor (609) 292-2582 JoAnne.Caramelo@dol.nj.gov Trenton Labor Building 5<sup>th</sup> Floor, Post Office Box 057, NJ 08625-0057 Fax: (609) 633-9240 Jason Timian Supervisor (609) 633-0553 Jason. Timian@dol.nj.gov

### INDUSTRY/FIELD ANALYSTS

Advanced Manufacturing	Life Sciences	Construction & Utilities	Leisure, Hospitality and Retail
Jason Timian	Alex Ancianis	Michelle Kolpak	Michael J. Dugan
(609) 633-0553	(609) 984-9683	(609) 633-1423	(609) 633-6425
Jason.Timian@dol.nj.gov	Alex.Ancianis@dol.nj.gov	Michelle.Kolpak@dol.nj.gov	Michael.Dugan@dol.nj.gov
Finance	Health Care	Transportation/Logistics	Technology
Michael Valeriano	Brandon Schoonover	Distribution	Edwin Vallejo
(609) 984-5952	(609) 292-7281	John Ehret	(609) 633-1420
fichael.Valeriano@dol.nj.gov	Brandon.Schoonover@dol.state.nj.us	(609) 292-2742	Edwin.Vallejo@dol.nj.gov
0 70		John.Ehret@dol.nj.gov	

https://www.nj.gov/labor/lpa/content/labormktanalysts.html