

# *New Jersey's TECHNOLOGY Industry Sector*

**Prepared by:  
New Jersey Department of Labor & Workforce  
Development  
Office of Research & Information  
Bureau of Labor Market Information  
Winter 2019 - 2020**



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# THE GOAL OF THIS REPORT IS TO GET AN “IDEA” OF WHAT TECHNOLOGY MEANS TO NEW JERSEY

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**Identify** the types of industries and establishments that make up the technology industry sector based on a standard industry classification system

**Describe** any similarities and differences among its components with regard to such variables as employment, wage, occupation type, education, and demographic characteristics

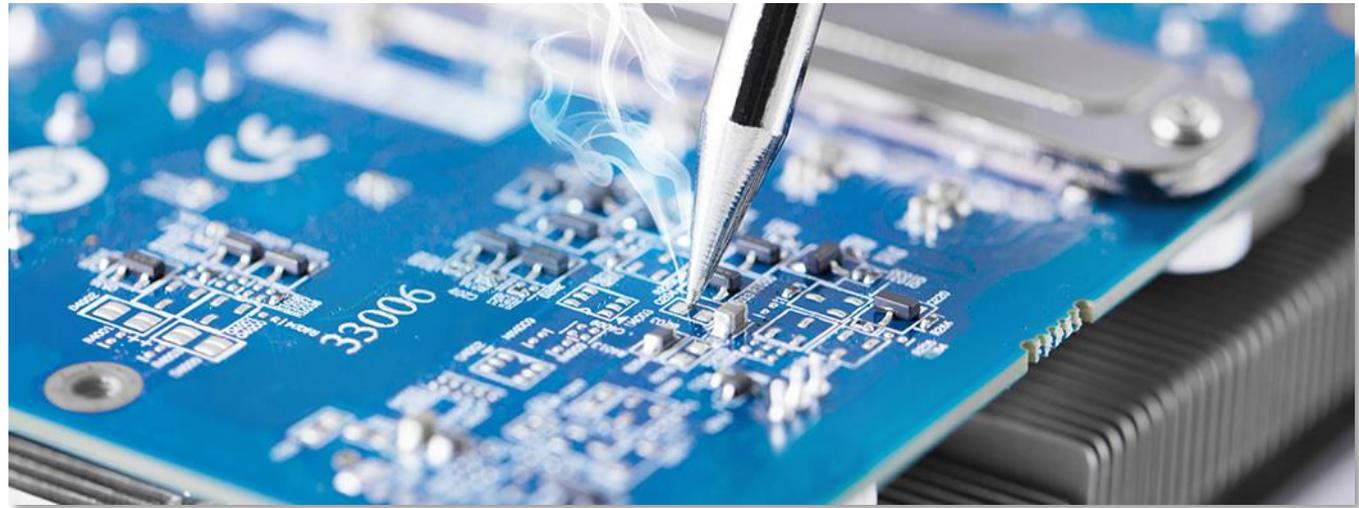
**Examine** any present distinctions within the sector and its components that give New Jersey a competitive advantage compared to neighboring states, regions or the nation, or show areas where New Jersey could improve to add to the state’s economy

**Analyze** the current state of the technology industry sector and provide an outlook for employment into the future



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# TECHNOLOGY INDUSTRY SECTOR: OVERVIEW



# TECHNOLOGY STUDY WINTER 2019 - 2020

**Industries in the technology sector have a high proportion of scientists, engineers and technicians. They are primarily located in the utilities, manufacturing, information and professional, scientific and technical services industries.**

- In 2018, New Jersey's technology sector accounted for 182,423 jobs or 5.3 percent of private sector employment statewide.
- The annual average wage for the technology sector was \$129,263 in 2018, nearly double the statewide average (\$65,355) for all industries. Employers in the industry paid more than \$23.6 billion in wages, or about 10.4 percent of the total wages paid in all industries.
- Employment within the technology sector can primarily be found within the following sectors: professional, scientific and technical services (76.8%), and information (23.2%).



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Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)

5112	Software publishers	Information
517	Telecommunications	
5182	Data processing and related services	
5413	Architectural and engineering services	Professional & Technical
5415	Computer systems design and related services	
5417	Scientific research and development services	

The technology sector was expanded to reflect the new U.S. Bureau of Labor Statistics definition of technology industries (2019). BLS designated NAICS industries as technology based on concentration levels of Science, Technology, Engineering & Math (STEM) occupations within the industries.

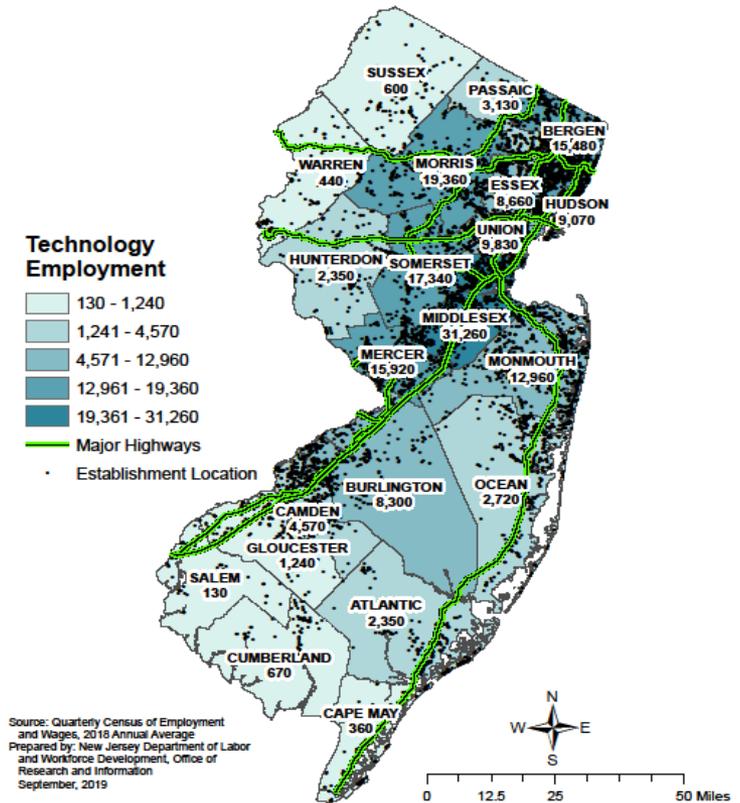


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# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR EMPLOYMENT OVERVIEW

- In 2018, New Jersey's technology sector accounted for 182,423 jobs or 5.3 percent of all private sector employment statewide. Nationally the sector was responsible for 4.6 percent of all private technology employment.
- Annual average wage for the technology sector was \$129,263 in 2018, nearly double the statewide average (\$65,355) for all industries. Employers in the industry paid over \$23.5 billion in wages, or 10.4 percent of the total wages paid in all industries.
- Employment within the technology sector can primarily be found within: professional and technical services (23.2%) and information (76.8%).
- From 2004 to 2018 employment in the sector peaked in 2007 at 189,894 jobs.

**Technology Employment and Establishment Locations  
New Jersey, 2018**



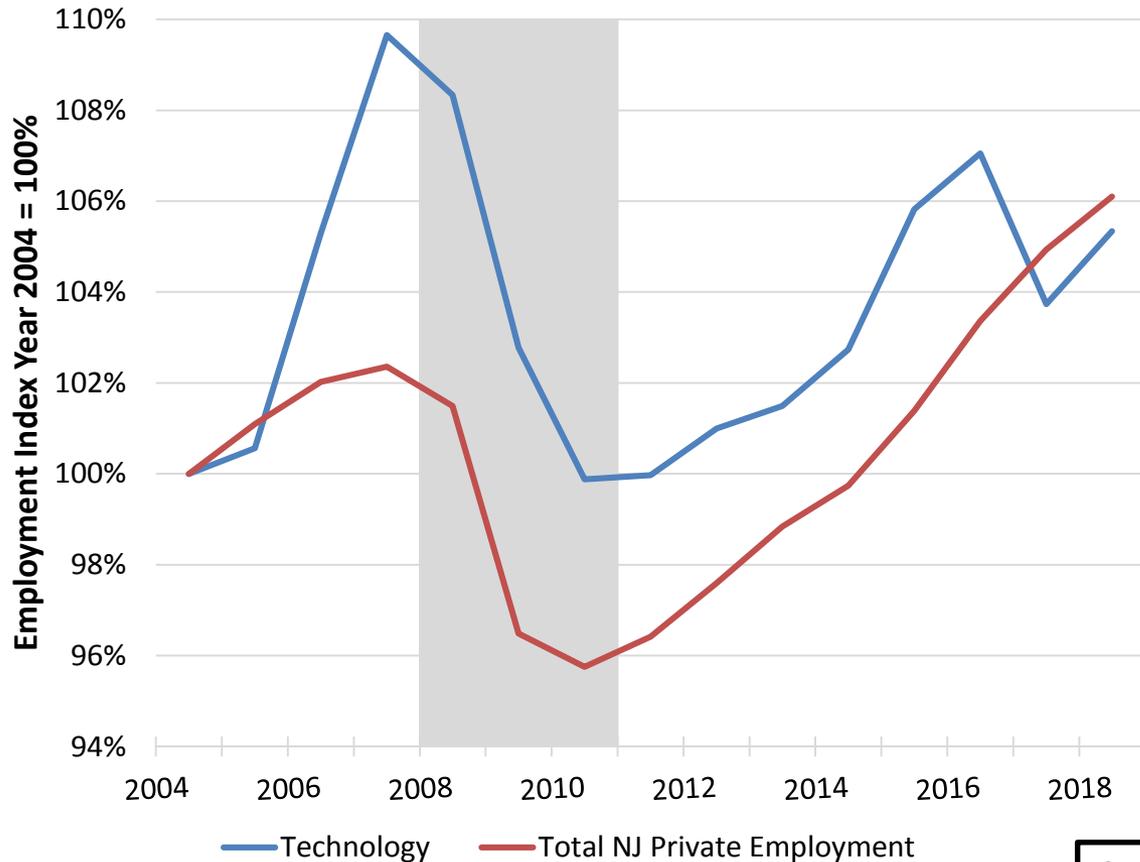
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Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020

# **TECHNOLOGY INDUSTRY SECTOR: EMPLOYMENT ANALYSIS**



# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR ALL PRIVATE SECTOR VS. TECHNOLOGY EMPLOYMENT, 2004-2018



- After experiencing a 9.7 percent growth from 2004 to 2007, the technology industry declined sharply from 2008 to 2010 (-9.8%) before leveling out and experiencing growth from 2011 to 2016 (+7.2%).
- The technology industry experienced a drop in 2017 (-3.3%) and a slight growth in 2018 (+1.6%).
- Currently employment is 5.3 percent above 2004 employment level.
- NJ private sector employment has experienced more growth than the technology industry since 2011 (5.4% vs. 9.7%).

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

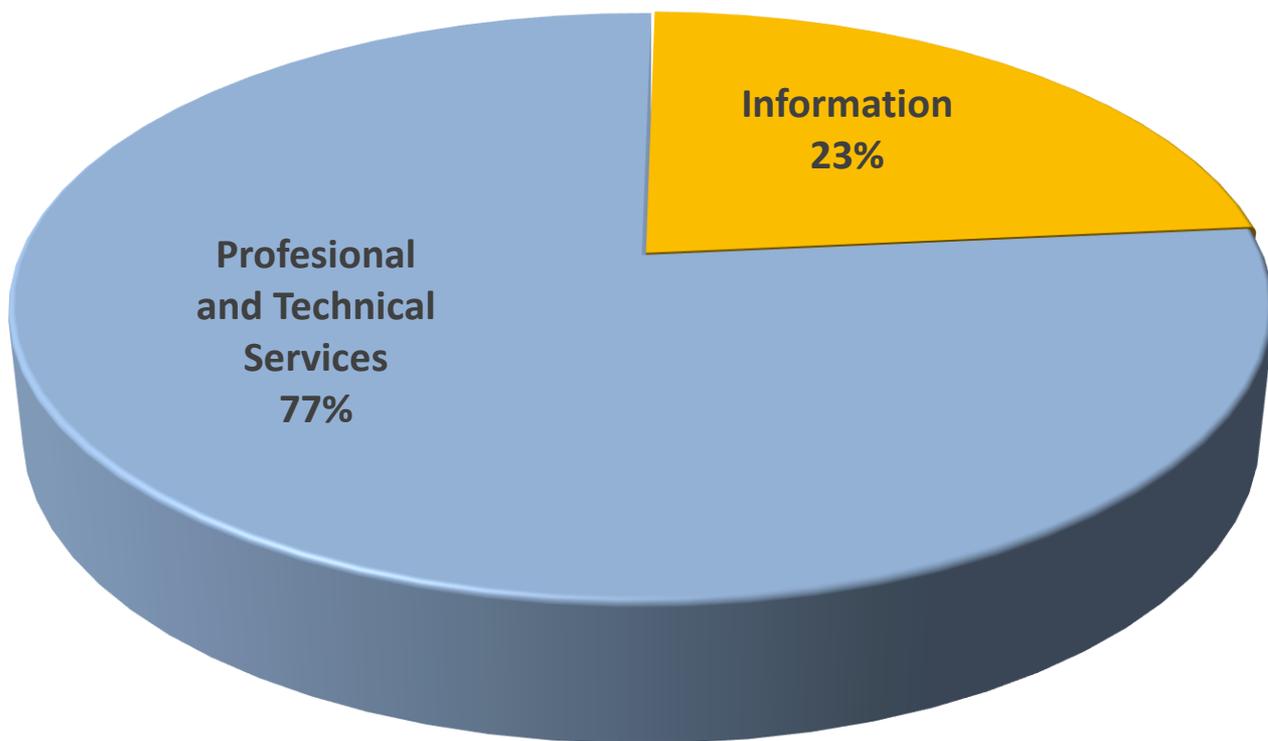


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Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR PERCENT EMPLOYMENT BY COMPONENT SECTOR, 2018

## 2018 Employment



- Professional, scientific and technical services accounted for 76.8 % of the NJ technology sector with 140,055 employment in 2018.
- Information accounted for 23.2 % of the NJ technology sector with 42,366 employment in 2018.



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Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR COMPONENT SECTORS, 2018 ANNUAL AVERAGES

Description	Units	Average Employment	Wages	
			Average	Total
All Private Sector Industries	263,159	3,472,321	\$65,355	\$226,933,538,955
Technology Industry Cluster	15,369	182,423	\$129,263	\$23,580,609,154
Information	2,170	42,368	\$129,026	\$5,466,578,570
Professional and Technical services	13,199	140,055	\$129,335	\$18,114,030,584

- Nearly 77% of all business establishments in the technology sector were in the professional and technical services in 2018.
- The annual average wage for the information subsectors was \$129,026 near the double the NJ total private sector average wage.
- The annual average wage for the professional and technical services subsectors was \$129,335 near the double the NJ total private sector average wage.

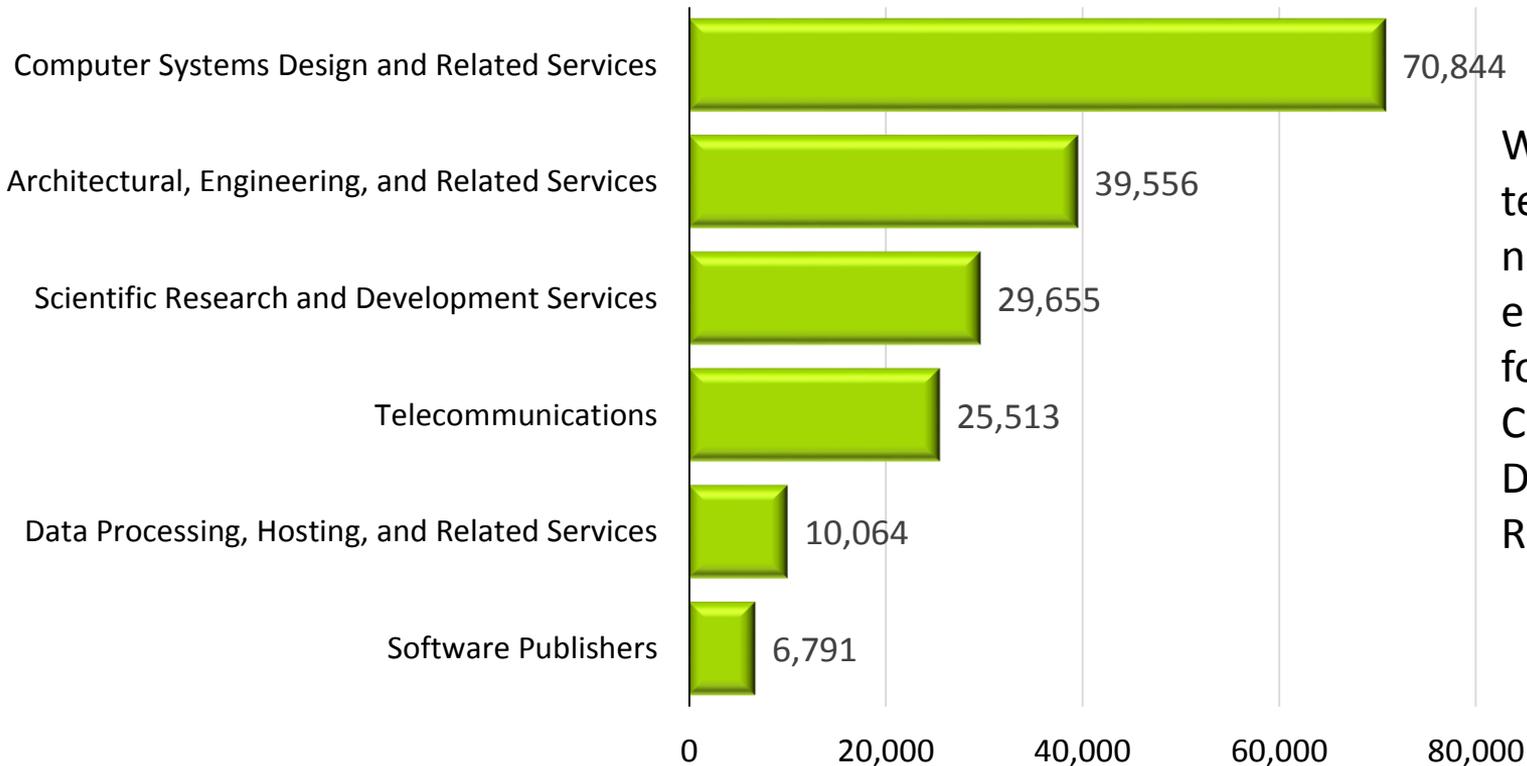


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Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR TOP COMPONENT INDUSTRIES RANKED BY EMPLOYMENT, 2018

## 2018 Employment



Within the technology sector, near 40 percent of employment was found in Computer Systems Design and Related Services.

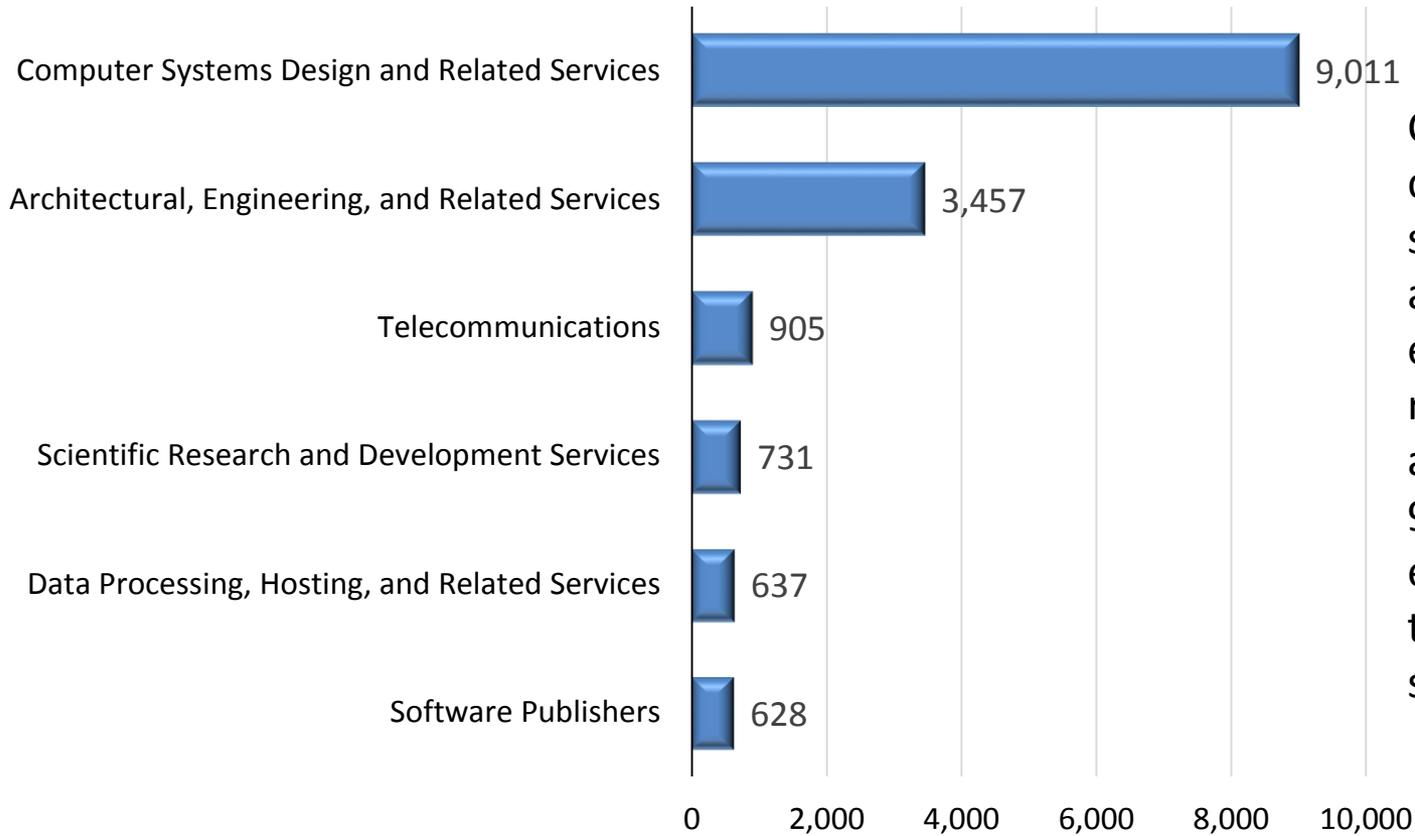


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Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR TOP COMPONENT INDUSTRIES RANKED BY ESTABLISHMENTS, 2018

## 2018 Establishments



Computer systems design and related services and architectural and engineering, and related services accounted for nearly 90 percent of all establishments in the technology industry sector in 2018.

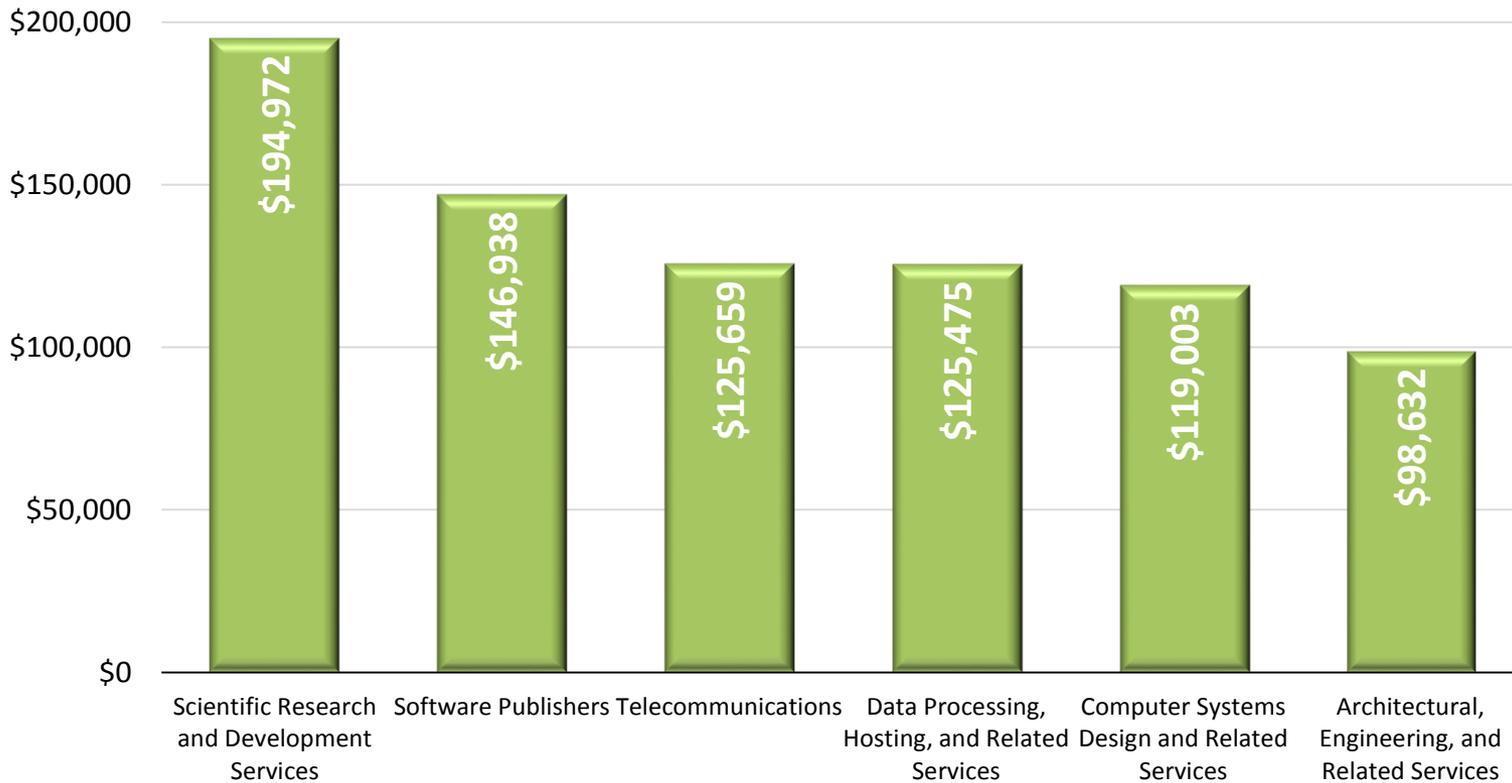


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Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR TOP COMPONENT INDUSTRIES RANKED BY AVERAGE WAGE, 2018

2018 Average Wage



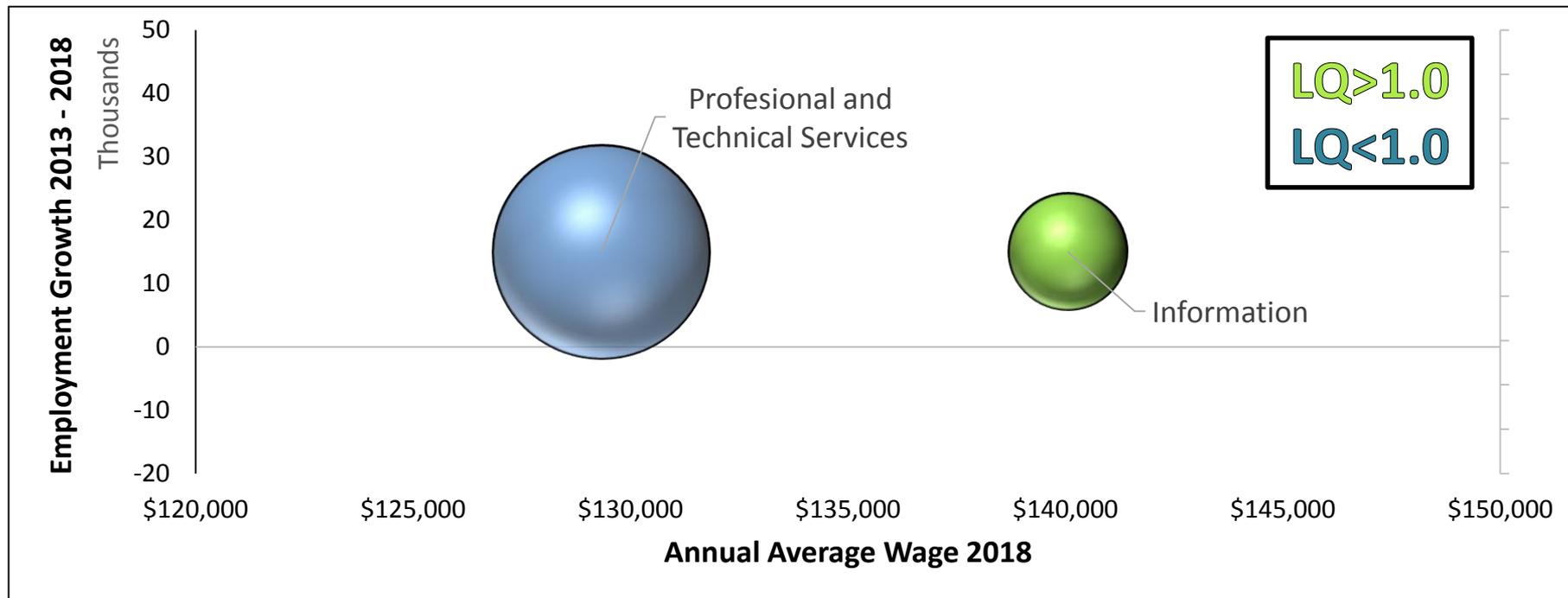
The scientific research and development services industry has the 6th highest 2018 annual average wage across all industries in New Jersey.



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Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR EMPLOYMENT SIZE, GROWTH, SALARY & LOCATION QUOTIENT



The above bubble graph has four elements:

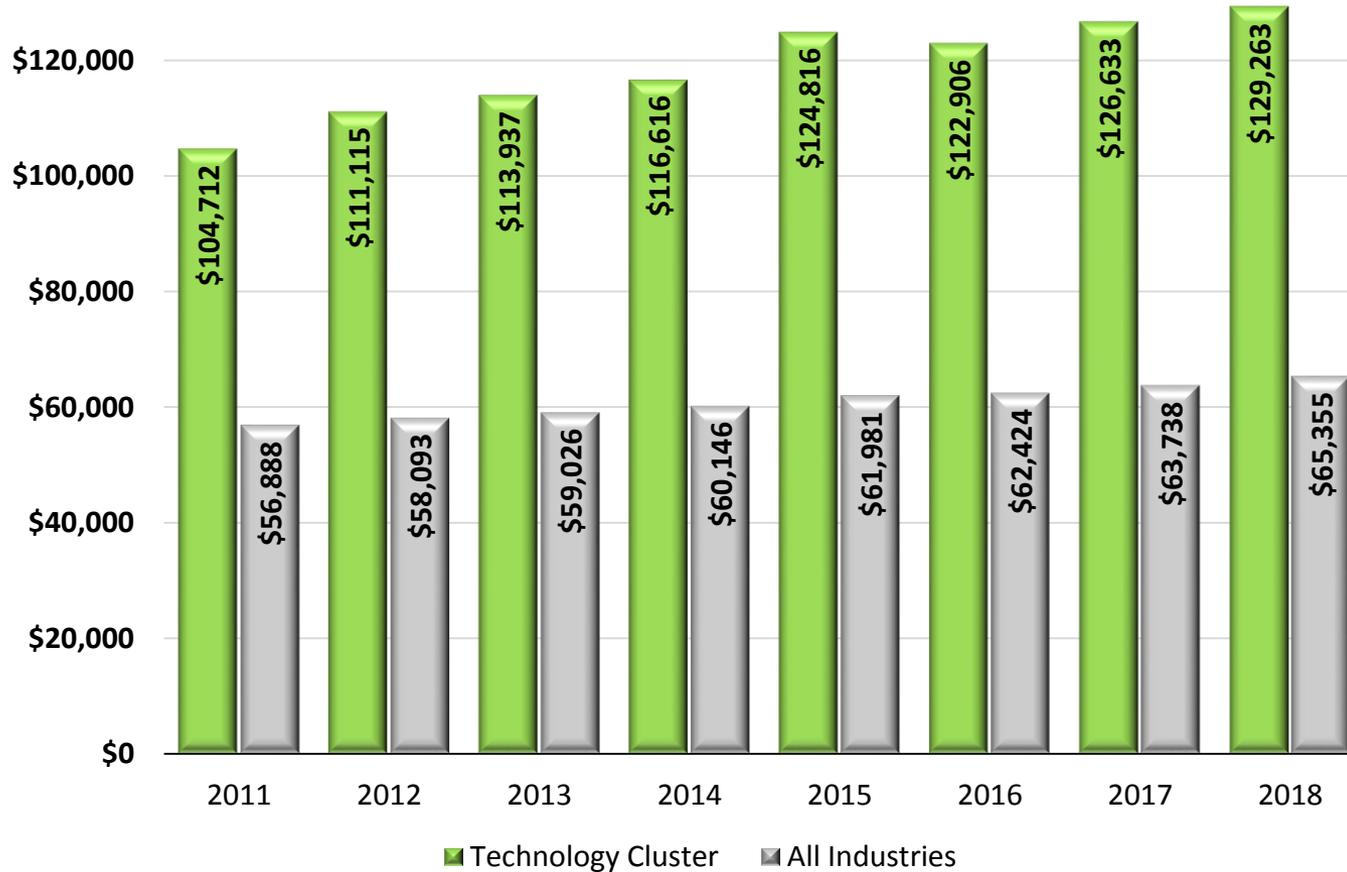
1. Total 2018 employment - represented by the size of the bubble.
2. 2013-2018 employment growth- shown on the Y-axis, or vertical position.
3. 2018 annual average wages - shown on the X-axis, or horizontal position.
4. Location quotient - indicated by the color of the bubble. The location quotient compares the concentration of the industry subsectors in the state to those of the nation. Industries with a location quotient above 1 are known as “basic industries” which (in theory) export a good or service from the state and in return, bring in wealth.



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Source: NJ Department of Labor & Workforce  
Development, Quarterly Census of Employment  
and Wages: January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR ALL PRIVATE SECTOR VS. TECHNOLOGY ANNUAL AVERAGE WAGE



- Wages in the technology sector have nearly double of the statewide annual average wage since 2011.
- Annual average wages for the technology sector have risen 23.4 since 2011.



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Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR PROFESSIONAL, SCIENTIFIC & TECHNICAL SERVICES, 2018

Description	Units	Average Employment	Wages	
			Average	Total
<b>Technology Industry Cluster</b>	<b>15,369</b>	<b>182,423</b>	<b>\$129,263</b>	<b>\$23,580,609,154</b>
<i>Professional and Technical services</i>	<b>13,199</b>	<b>140,055</b>	<b>\$129,335</b>	<b>\$18,114,030,584</b>
Computer Systems Design and Related Services	9,011	70,844	119,003	8,430,648,532
Architectural, Engineering, and Related Services	3,457	39,556	98,632	3,901,487,392
Scientific Research and Development Services	731	29,655	194,972	5,781,894,660

Employment in computer systems design and related services accounted for half of total technology sector employment and two-thirds of its establishments.



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Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR INFORMATION SECTOR, 2018

Description	Units	Average Employment	Wages	
			Average	Total
<b>Technology Industry Cluster</b>	<b>15,369</b>	<b>182,423</b>	<b>\$129,263</b>	<b>\$23,580,609,154</b>
<b><i>Information</i></b>	<b>2,170</b>	<b>42,368</b>	<b>\$129,026</b>	<b>\$5,466,578,570</b>
Telecommunications	905	25,513	125,659	3,205,938,067
Data Processing, Hosting, and Related Services	637	10,064	125,475	1,262,746,170
Software Publishers	628	6,791	146,938	997,894,333

Employment in telecommunications accounted for 60.2 percent of the information sector employment and 39.8 percent of its establishments.

Subsector industry numbers may not reflect the total industry sector data because of non-disclosure guidelines.



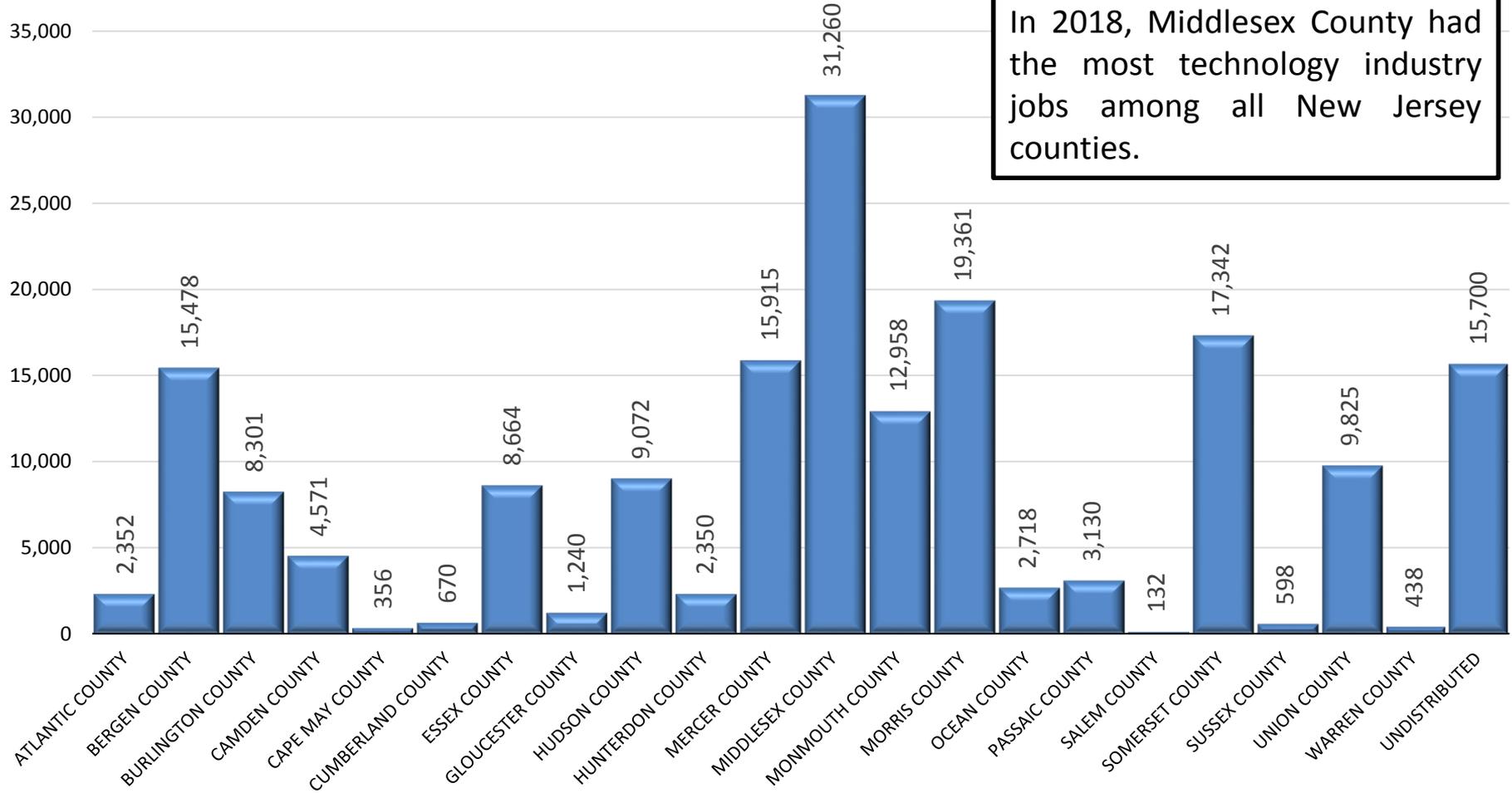
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Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020

# **TECHNOLOGY INDUSTRY SECTOR: REGIONAL AND COUNTY EMPLOYMENT ANALYSIS**



# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR TECHNOLOGY EMPLOYMENT BY COUNTY, 2018 ANNUAL AVERAGES

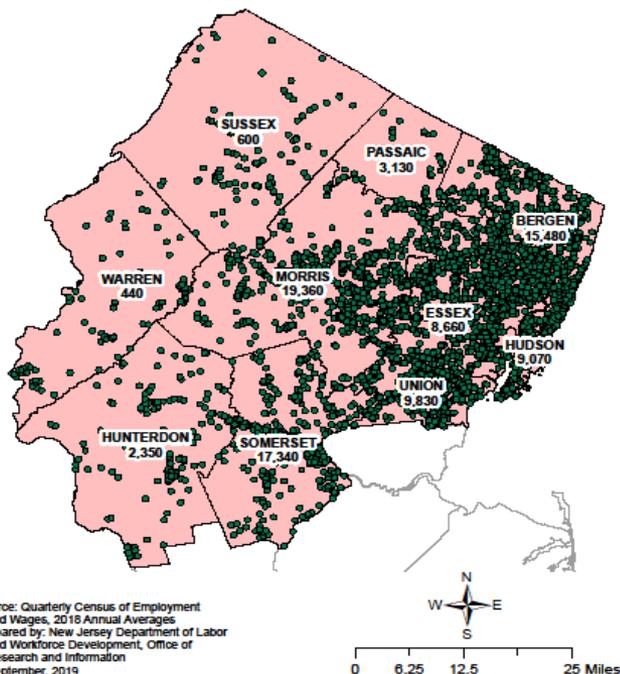


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Source: NJ Department of Labor & Workforce  
Development, Quarterly Census of Employment  
and Wages: January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR NORTHERN REGION, 2018 ANNUAL AVERAGES

*Technology Employment and Establishment Locations  
Northern Region of New Jersey, 2018*



Description	Units	Average Employment	Wages	
			Average	Total
<b>Technology Industry Cluster Northern Region</b>	<b>15,369</b>	<b>182,423</b>	<b>\$129,263</b>	<b>\$23,580,609,154</b>
Bergen	1,397	15,478	\$118,893	\$1,840,222,853
Essex	684	8,664	\$632,691	\$994,456,016
Hudson	623	9,072	\$891,746	\$1,218,322,296
Hunterdon	218	2,350	\$825,689	\$300,428,063
Morris	1,035	19,361	\$807,259	\$2,879,285,420
Passaic	302	3,130	\$660,962	\$337,634,450
Somerset	807	17,342	\$860,291	\$2,608,910,965
Sussex	127	598	\$561,935	\$51,432,992
Union	438	9,825	\$760,799	\$1,807,675,619
Warren	91	438	\$463,601	\$32,653,283

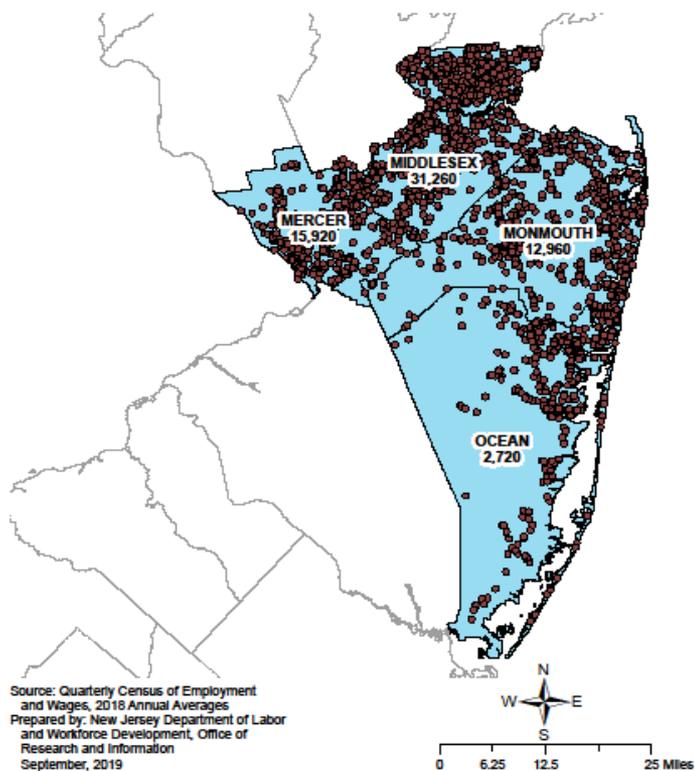


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Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR CENTRAL REGION, 2018 ANNUAL AVERAGES

*Technology Employment and Establishment Locations  
Central Region of New Jersey, 2018*



Description	Units	Average Employment	Wages	
			Average	Total
<b>Technology Cluster</b>	<b>15,369</b>	<b>182,423</b>	<b>\$129,263</b>	<b>\$23,580,609,154</b>
<b>Central Region</b>	<b>4,413</b>	<b>62,851</b>	<b>\$123,786</b>	<b>7,780,088,615</b>
Middlesex	2,256	31,260	\$114,565	3,581,307,970
Monmouth	919	12,958	\$135,377	1,754,214,953
Mercer	905	15,915	\$140,964	2,243,447,072
Ocean	333	2,718	\$73,995	201,118,620

Source: Quarterly Census of Employment and Wages, 2018 Annual Averages  
Prepared by: New Jersey Department of Labor and Workforce Development, Office of Research and Information  
September, 2019

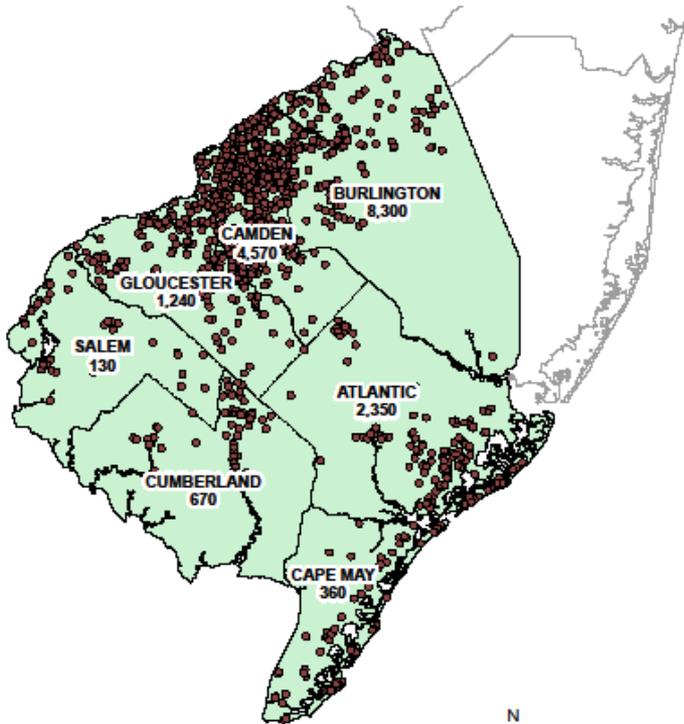


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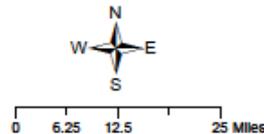
Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR SOUTHERN REGION, 2018 ANNUAL AVERAGES

*Technology Employment and Establishment Locations  
Southern Region of New Jersey, 2018*



Source: Quarterly Census of Employment  
and Wages, 2018 Annual Averages  
Prepared by: New Jersey Department of Labor  
and Workforce Development, Office of  
Research and Information  
September, 2019



Description	Units	Average Employment	Wages	
			Average	Total
<b>Technology Cluster</b>	<b>15,369</b>	<b>182,423</b>	<b>\$129,263</b>	<b>\$23,580,609,154</b>
<b><i>Southern Region</i></b>	<b>1,393</b>	<b>17,622</b>	<b>\$90,552</b>	<b>1,595,714,344</b>
Burlington	536	8,301	\$632,691	\$817,752,104
Camden	384	4,571	\$632,691	\$382,303,319
Atlantic	183	2,352	\$91,151	\$214,386,789
Gloucester	158	1,240	\$632,691	\$107,699,993
Cape May	54	356	\$632,691	\$23,902,944
Cumberland	47	670	\$632,691	\$39,778,503
Salem	31	132	\$632,691	\$9,890,692



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Source: NJ Department of Labor & Workforce  
Development, Quarterly Census of Employment  
and Wages: January, 2020

# **TECHNOLOGY INDUSTRY SECTOR: OCCUPATIONAL ANALYSIS**



# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR TOP OCCUPATIONAL GROUPS, 2018

Occupational Title	2018 Employment	Percent of Total Employment	2018 Average
<b>Total all occupations</b>	<b>184,010</b>	<b>100%</b>	<b>\$103,411</b>
Computer and Mathematical Occupations	64,700	35.2%	\$109,145
Management Occupations	23,430	12.7%	\$180,584
Architecture and Engineering Occupations	18,820	10.2%	\$101,824
Business and Financial Operations Occupations	17,860	9.7%	\$95,348
Office and Administrative Support Occupations	17,710	9.6%	\$48,933
Life, Physical, and Social Science Occupations	11,660	6.3%	\$114,890
Installation, Maintenance, and Repair Occupations	10,550	5.7%	\$67,365
Sales and Related Occupations	8,300	4.5%	\$100,588
Production Occupations	2,500	1.4%	\$49,095
Arts, Design, Entertainment, Sports, and Media	1,910	1.0%	\$80,890
Construction and Extraction Occupations	1,290	0.7%	\$69,356
Legal Occupations	930	0.5%	\$149,380
Healthcare Support Occupations	770	0.4%	\$35,699
Healthcare Practitioners and Technical Occupations	670	0.4%	\$76,370
Transportation and Material Moving Occupations	580	0.3%	\$40,317
Education, Training, and Library Occupations	180	0.1%	\$86,968
Building and Grounds Cleaning and Maintenance	170	0.1%	\$38,727
Personal Care and Service Occupations	100	0.1%	\$32,324
Protective Service Occupations	80	0.0%	\$49,380
<b>Science, Technology, Engineering, and Mathematical (STEM) Occupations</b>	<b>95,180</b>	<b>52%</b>	<b>\$108,401</b>

Science, Technology, Engineering and Mathematical (STEM) occupations accounted for half of the technology sector occupational employment in 2018 with 95,180 employment.



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Source: NJ Department of Labor & Workforce  
Development, Occupational Employment  
Statistics Survey: January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR INDUSTRY CLUSTER TOP OCCUPATIONS BY EMPLOYMENT, 2018

NAICS and Occupational Title		2018 Employment	Education
15-1132	Software Developers, Applications	27,040	Bachelor's degree
15-1131	Computer Programmers	5,960	Bachelor's degree
11-3021	Computer and Information Systems Managers	5,340	Bachelor's degree
15-1133	Software Developers, Systems Software	4,970	Bachelor's degree
17-2051	Civil Engineers	4,500	Bachelor's degree
11-1021	General and Operations Managers	4,180	Bachelor's degree
19-1021	Biochemists and Biophysicists	4,020	Doctoral or professional degree
15-1151	Computer User Support Specialists	3,940	Bachelor's degree
13-1161	Market Research Analysts and Marketing Specialists	2,690	Bachelor's degree
13-2011	Accountants and Auditors	2,690	Bachelor's degree
15-1142	Network and Computer Systems Administrators	2,640	Bachelor's degree
43-9061	Office Clerks, General	1,810	High school diploma or equivalent
19-2031	Chemists	1,760	Bachelor's degree
43-4051	Customer Service Representatives	1,490	Some college, no degree
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,420	Some college, no degree
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	1,400	Bachelor's degree
13-1111	Management Analysts	1,290	Bachelor's degree
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,150	High school diploma or equivalent
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	360	High school diploma or equivalent

\* Employment data only includes NAICS technology cluster codes.

*STEM Occupations*

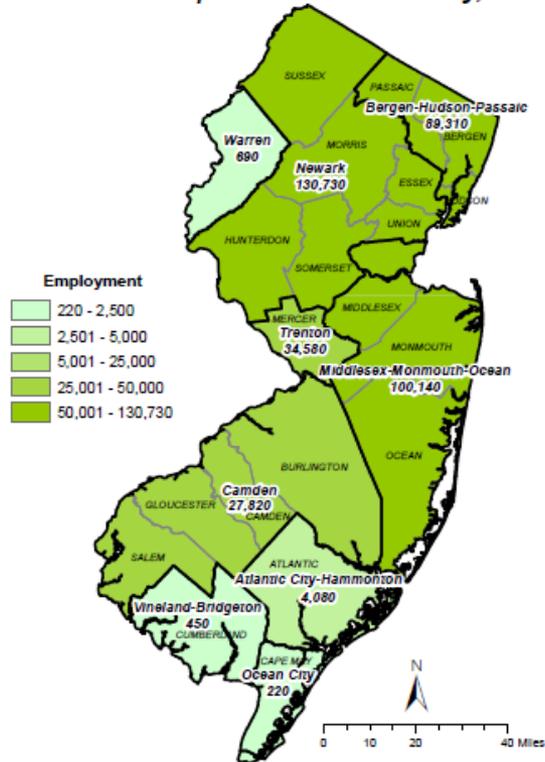


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Source: NJ Department of Labor & Workforce  
Development, Occupational Employment  
Statistics Survey: September, 2019

# ALL NEW JERSEY STEM OCCUPATIONS BY LABOR AREA

Employment by Labor Area  
STEM Occupations in New Jersey, 2018



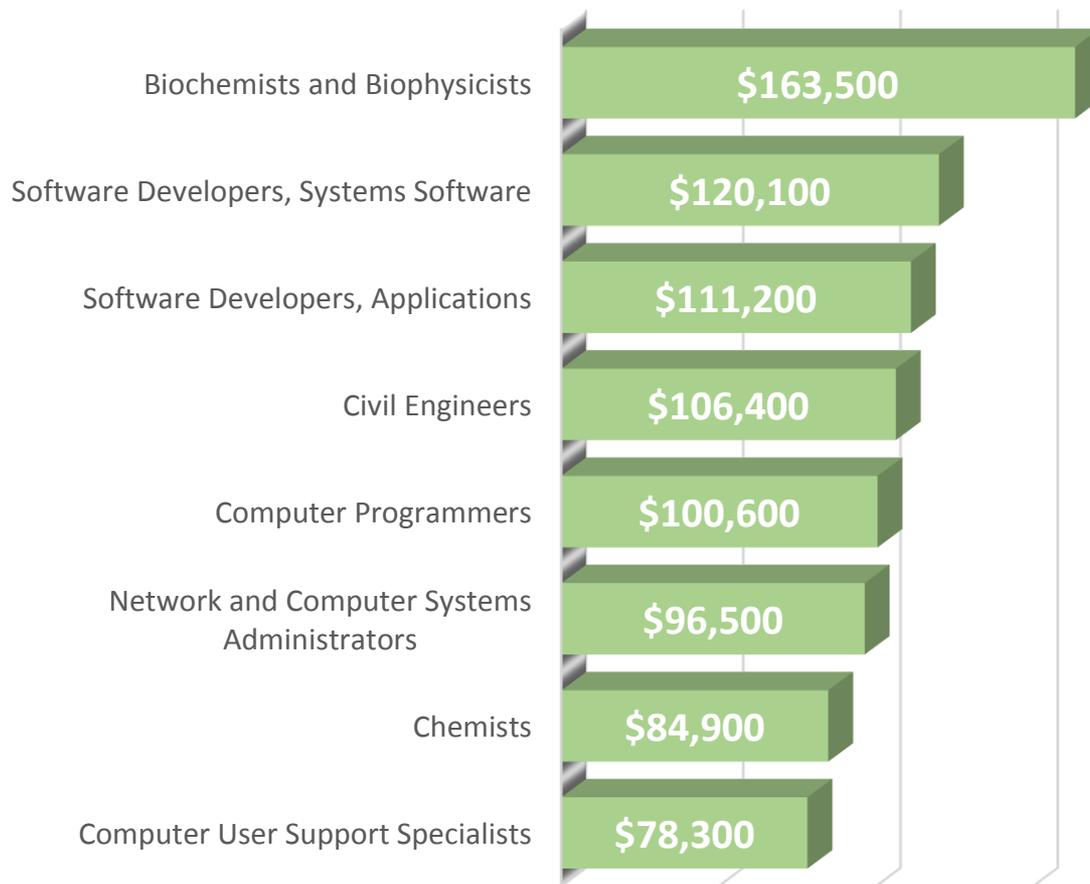
Labor Area	STEM Employment
Essex-Hunterdon-Morris-Somerset-Sussex-Union County Area	130,730
Middlesex-Monmouth-Ocean County Area	100,140
Bergen-Hudson-Passaic County Area	89,310
Mercer County Area	34,580
Burlington-Camden-Gloucester-Salem County Area	27,820
Atlantic County Area	4,080
Warren County Area	690
Cumberland County Area	450
Cape May County Area	220



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Source: NJ Department of Labor & Workforce  
Development, Occupational Employment  
Statistics Survey: September 2019

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR HIGHEST PAYING STEM OCCUPATIONS, 2018



- The highest annual average STEM salary was Biochemist and Biophysicists (\$163,500), but employed less than 4,100.
- The STEM occupations by employment all had an occupational annual average wage that was above the state average (\$65,360).

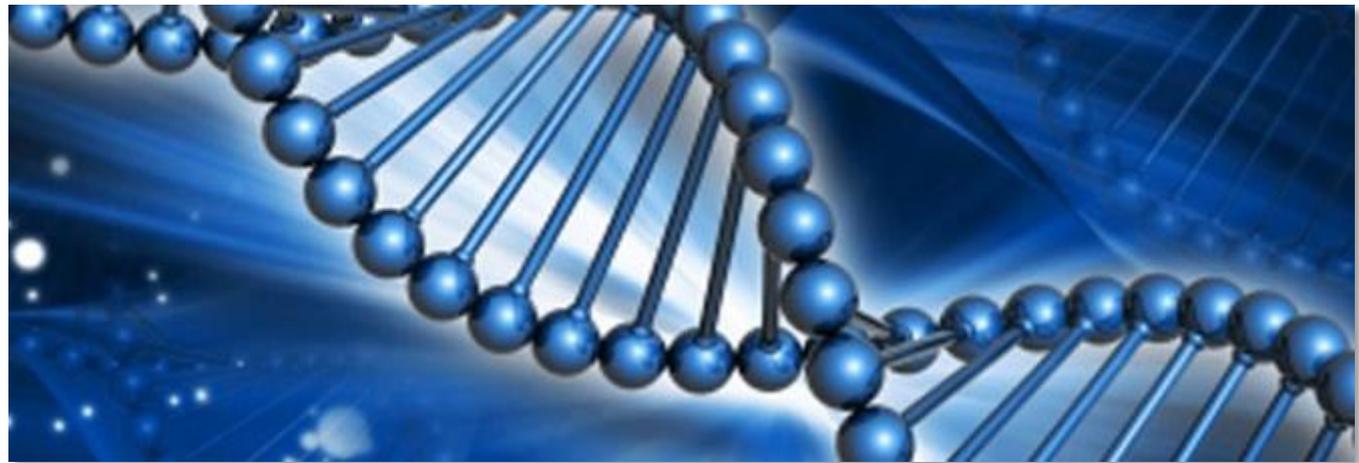
2018 Annual Average Salary



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Source: NJ Department of Labor & Workforce Development, Occupational Employment Statistics Survey: September, 2019

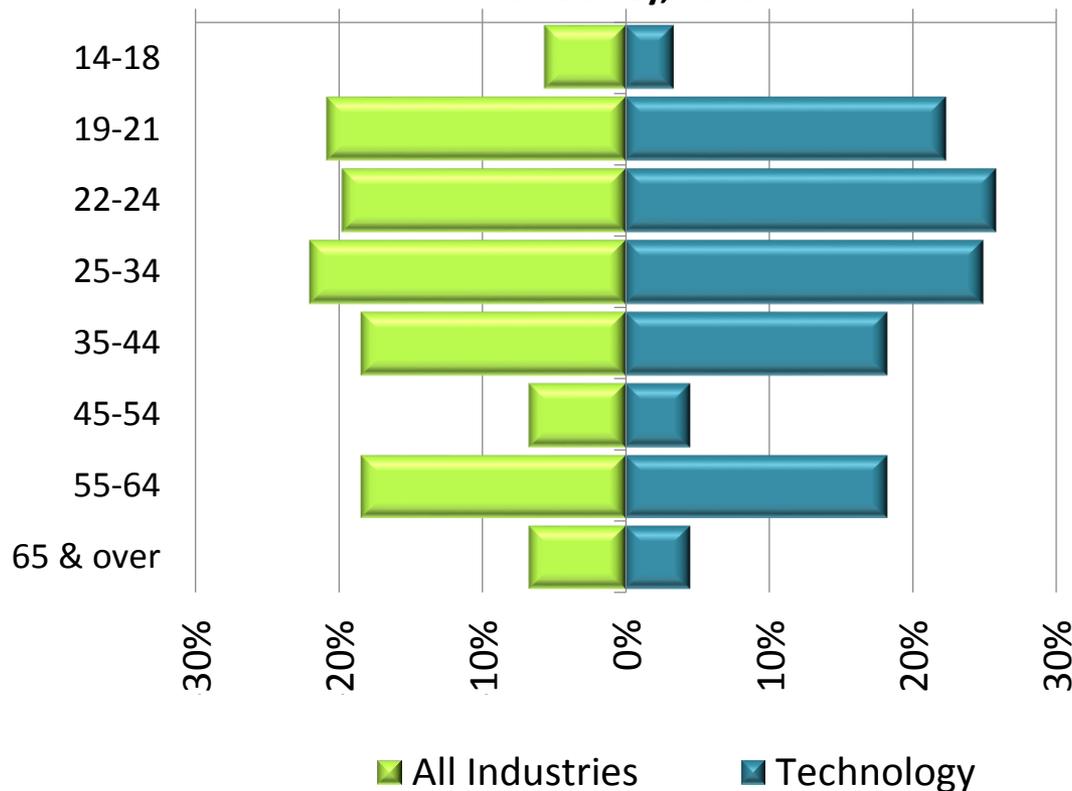
# **TECHNOLOGY INDUSTRY SECTOR: 2016 DEMOGRAPHIC OVERVIEW**



# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR NJ RESIDENTS IN TECHNOLOGY WORK FORCE VS. ALL INDUSTRIES

Age Breakdown of Workers in Technology and All Industries

New Jersey, 2018



- Technology workers' age characteristics have remained steady since 2014.
- 52.6% of Technology workers are under 45 years and 47.4% are over 45 years.
- 4.7 percent of the current NJ resident technology workforce are aged 65 and older, a .08 increase from 2014.

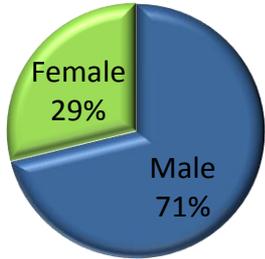


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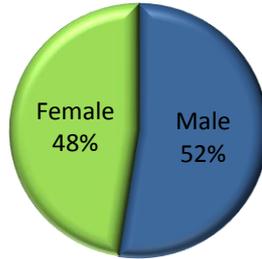
Source: New Jersey Department of Labor and Workforce Development  
2014 - 2018 U.S. Quarterly Workforce Indicators (QWI): January, 2020

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR NJ RESIDENTS IN TECHNOLOGY WORK FORCE VS. TOTAL NONFARM

**Technology**



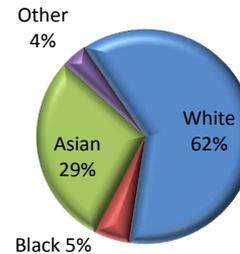
**All Industries**



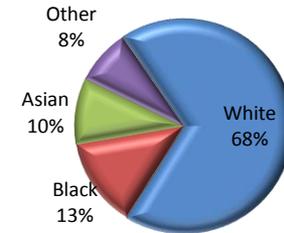
Men continue to outnumber women by nearly a 2 to 1 margin in the technology workforce.

Asians technology workers represent 29% of the sector versus 10% of all the industries.

**Technology**

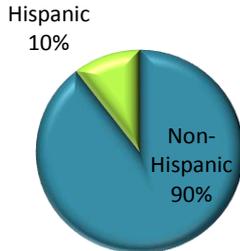


**All Industries**

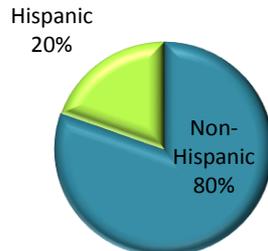


There are more than 14,000 Hispanics in the Technology industry sector.

**Technology**



**All Industries**

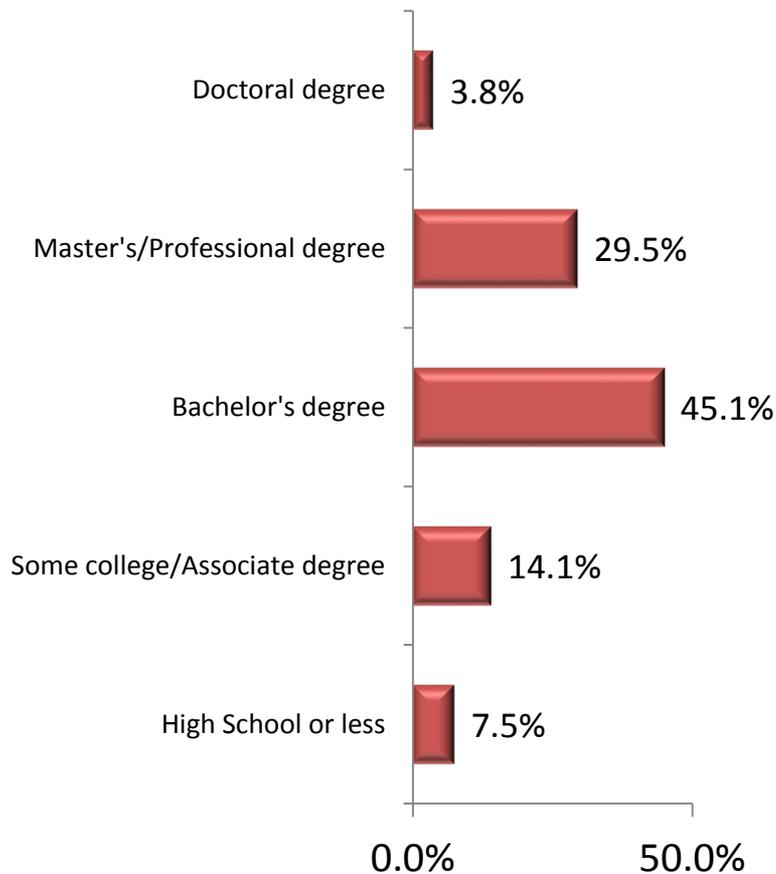


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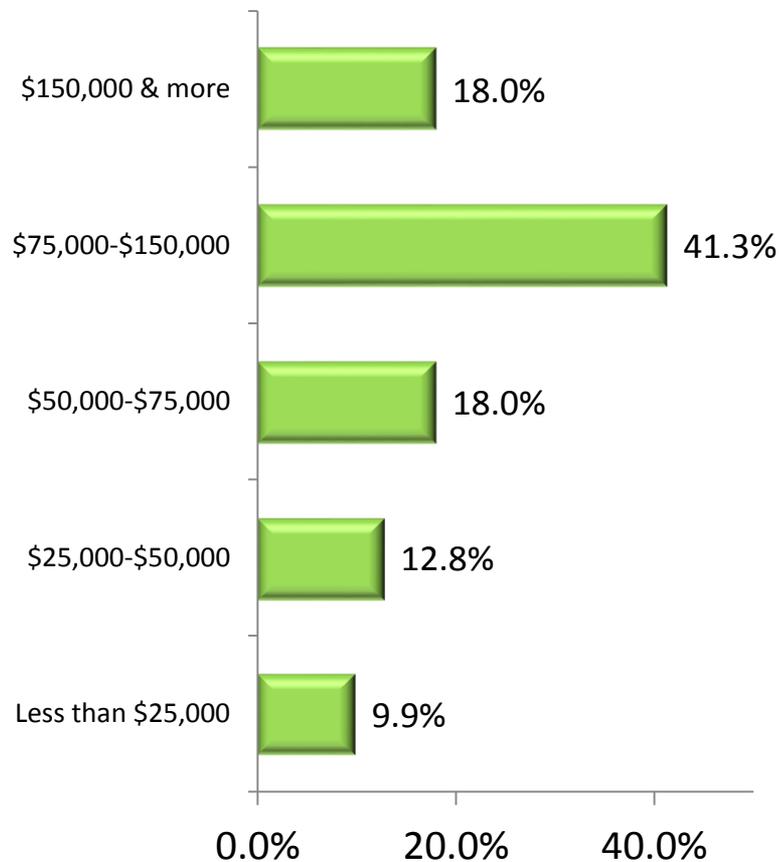
Source: New Jersey Department of Labor and Workforce Development  
2017 U.S. Census Bureau, American Community Survey, 1-Year Estimates: September, 2019

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR NJ RESIDENTS IN TECHNOLOGY WORK FORCE

## Education Level



## Personal Earnings

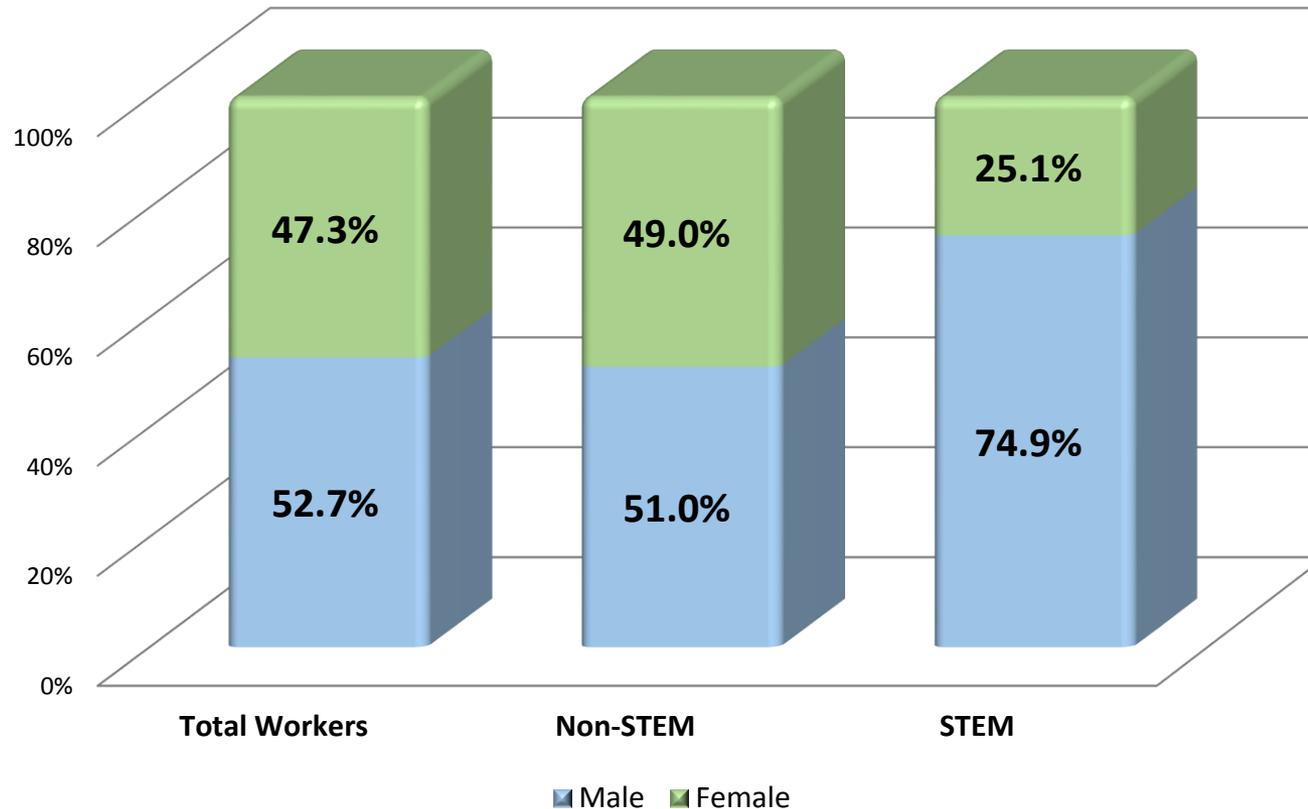


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Source: New Jersey Department of Labor  
and Workforce Development  
2017 U.S. Census Bureau, American Community  
Survey, 1-Year Estimates – September, 2019

# NJ RESIDENTS IN STEM JOBS

## Gender Shares of Non-STEM and STEM Jobs, 2017



The STEM workforce is predominantly male. Resident women hold slightly over twenty-five percent of science, technology, engineering & math jobs in New Jersey.

Note: Estimates are for employed persons 16 and over.

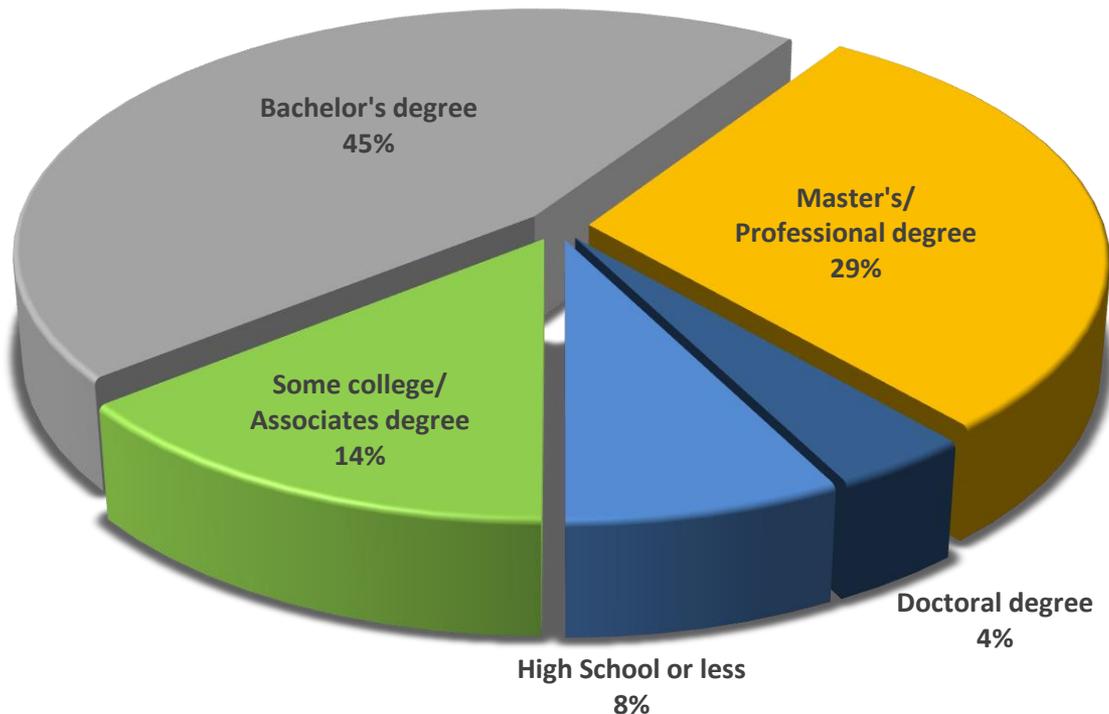


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Source: New Jersey Department of Labor and Workforce Development  
2017 American Community Survey  
public-use micro data: September, 2019

# EDUCATION CHARACTERISTICS FOR NJ RESIDENTS IN STEM JOBS

## Educational Breakdown



- The STEM workforce requires well-educated and highly skilled workers to meet the high technical demands of many of the occupations.
- More than 78 percent of NJ residents in the STEM workforce hold at least a Bachelor's or higher degree compared to only 42 percent of NJ residents in non-stem occupations.

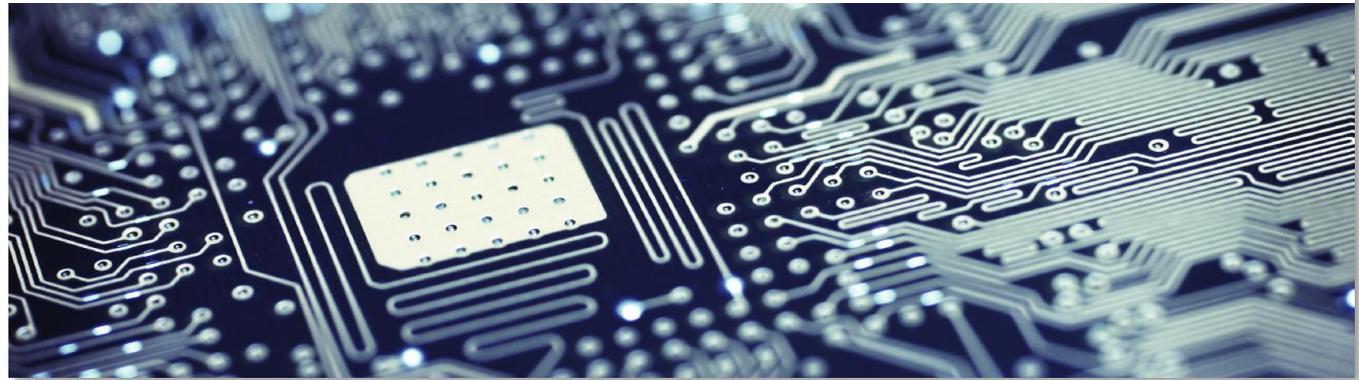
*Note: Estimates are for employed persons 16 and over.*



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Source: New Jersey Department of Labor and Workforce Development  
2017 American Community Survey  
public-use micro data: September, 2019

# **TECHNOLOGY INDUSTRY SECTOR: OCCUPATIONAL PROJECTIONS AND OUTLOOK**



# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR NJ DETAILED OCCUPATIONAL EMPLOYMENT PROJECTIONS 2016-2026

Occupational Title	Employment				Average Annual		
	Actual 2016	Projected 2026	Change 2016-2026		Job Openings		
			Number	Percent	Total	Growth	Replacement
<b>Total, All Occupations</b>	<b>4,318,450</b>	<b>4,671,200</b>	<b>352,750</b>	<b>8.2</b>	<b>244,860</b>	<b>35,270</b>	<b>209,590</b>
<b>Non-STEM Occupations</b>	<b>4,077,450</b>	<b>4,406,700</b>	<b>329,250</b>	<b>8.1</b>	<b>237,510</b>	<b>32,910</b>	<b>204,600</b>
<b>STEM Occupations</b>	<b>241,000</b>	<b>264,500</b>	<b>23,500</b>	<b>9.8</b>	<b>7,350</b>	<b>2,360</b>	<b>4,990</b>
Computer and Mathematical Occupations	147,000	161,500	14,500	9.9	3,980	1,450	2,530
Architecture and Engineering Occupations	54,150	59,700	5,550	10.3	1,960	560	1,400
Life, Physical, and Social Science Occupations	39,850	43,300	3,450	8.7	1,410	350	1,060

STEM occupations are projected to experience a 9.8 percent employment growth by 2026.



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Source: New Jersey Department of Labor and Workforce Development, 2016–2026 Industry and Occupational Employment Projections. Note: Total job openings may not add up exact due to rounding: September, 2019.

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR NJ DETAILED INDUSTRY EMPLOYMENT PROJECTIONS 2016-2026

Technology Industry Cluster	Employment			
	Actual 2016	Projected 2026	Change 2016-2026	
			Number	Percent
<b>Total Nonfarm</b>	<b>4,073,600</b>	<b>4,402,180</b>	<b>328,580</b>	<b>0.8</b>
Total Private	3,792,200	4,134,190	341,990	0.9
<u>Information</u>	71,500	67,950	-3,550	-0.5
Publishing Industries (except Internet)	18,200	16,410	-1,790	-1.0
Telecommunications	27,400	23,530	-3,870	-1.5
Other Information Services	25,900	28,000	2,100	0.8
<u>Professional, Scientific, and Technical Services</u>	297,900	327,250	29,350	0.9
Architectural, Engineering, and Related Services	38,000	43,030	5,030	1.3
Computer Systems Design and Related Services	70,500	77,400	6,900	0.9
Scientific Research and Development Services	29,600	32,360	2,760	0.9

- Information will experience a small decline over the ten year period from 2016 to 2026.

- Architectural and Engineering, Computer Systems Designs, and Scientific Research makes 50 percent of the employment growth with in the Professional, Scientific and Technical Services.

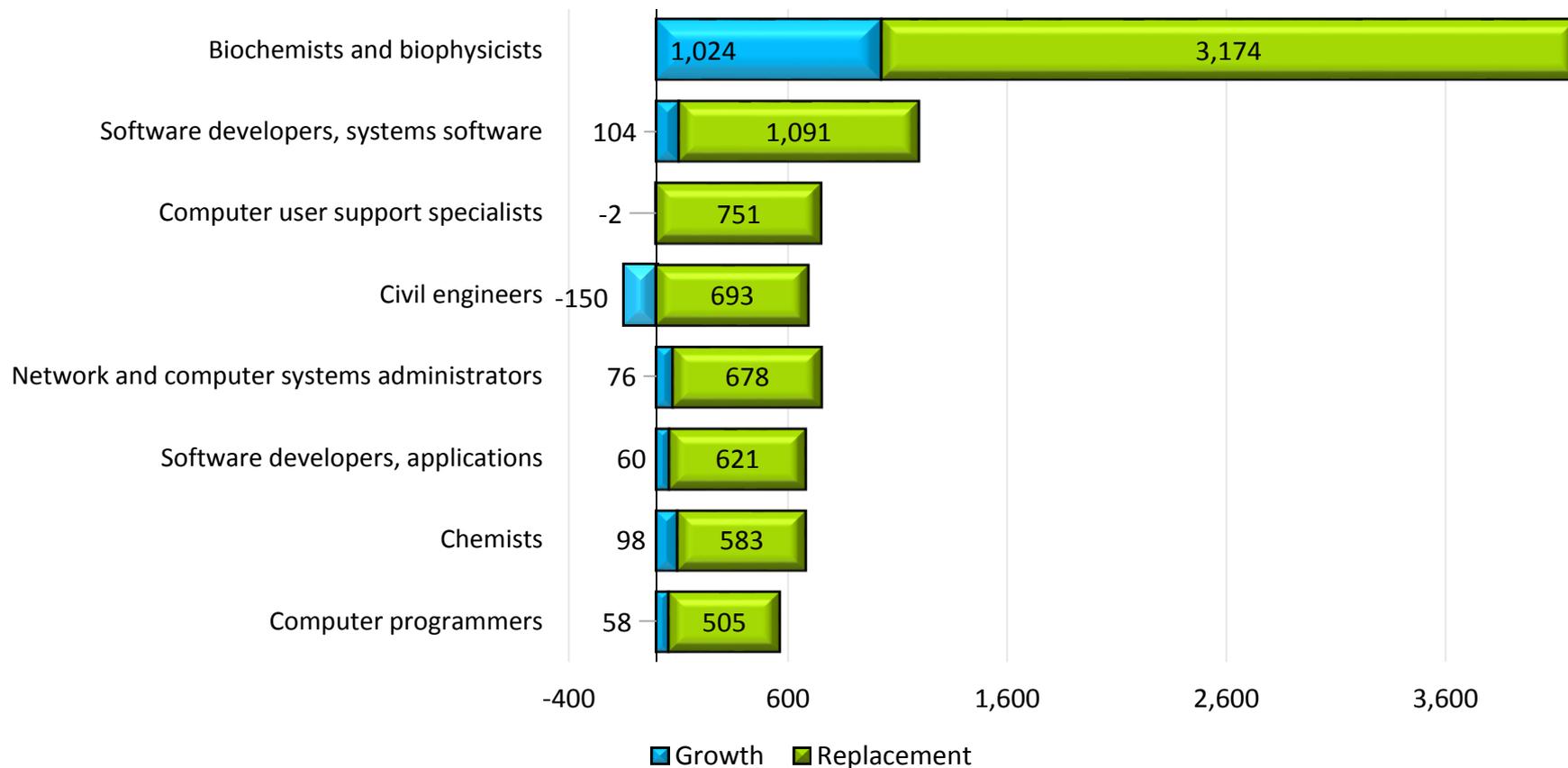


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Source: New Jersey Department of Labor and Workforce Development, 2016–2026 Industry and Occupational Employment Projections. Note: Total job openings may not add up exact due to rounding: September, 2019.

# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR PROJECTED ANNUAL AVERAGE OPENINGS FOR STEM OCCUPATIONS

## 2016-2026 Projected Annual Average Job Openings



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Source: New Jersey Department of Labor and Workforce Development, 2016–2026 Industry and Occupational Employment Projections. Note: Total job openings may not add up exact due to rounding: September, 2019.

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# NEW JERSEY TECHNOLOGY INDUSTRY SECTOR CONTACT INFORMATION

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[http://lwd.dol.state.nj.us/labor/lpa/LMI\\_index.html](http://lwd.dol.state.nj.us/labor/lpa/LMI_index.html)

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