



# New Jersey's Technology Sector

A Detailed Analysis of Labor  
Market Information

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# Industries included in this sector

NAICS	Industry Description
5132	Software Publishing
517	Telecommunications
5182	Data Processing
5413	Architectural & Engineering Services
5415	Computer Systems Designs
5417	Scientific Research & Development Services





All information presented refers exclusively to New Jersey data, unless otherwise stated

Data reflects the most recent year available: 2023

## Sector Highlights

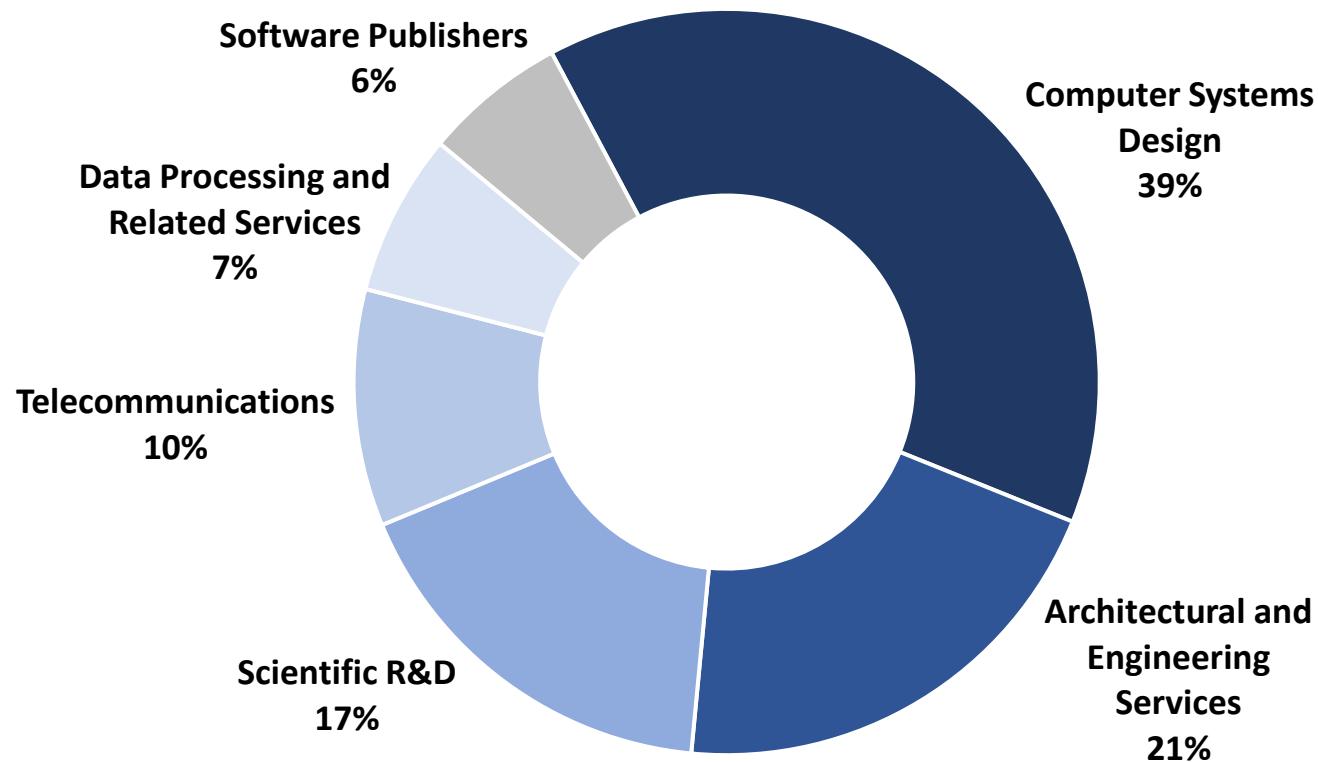
- 207,800 jobs, 5.7% of total private sector employment
- \$156,305 average annual wage, nearly double the statewide average
- \$32 billion total wages, 11% of all wages paid
- 3/4 of workers possess at least a Bachelor's degree



# Industry Analysis and Economic Overview



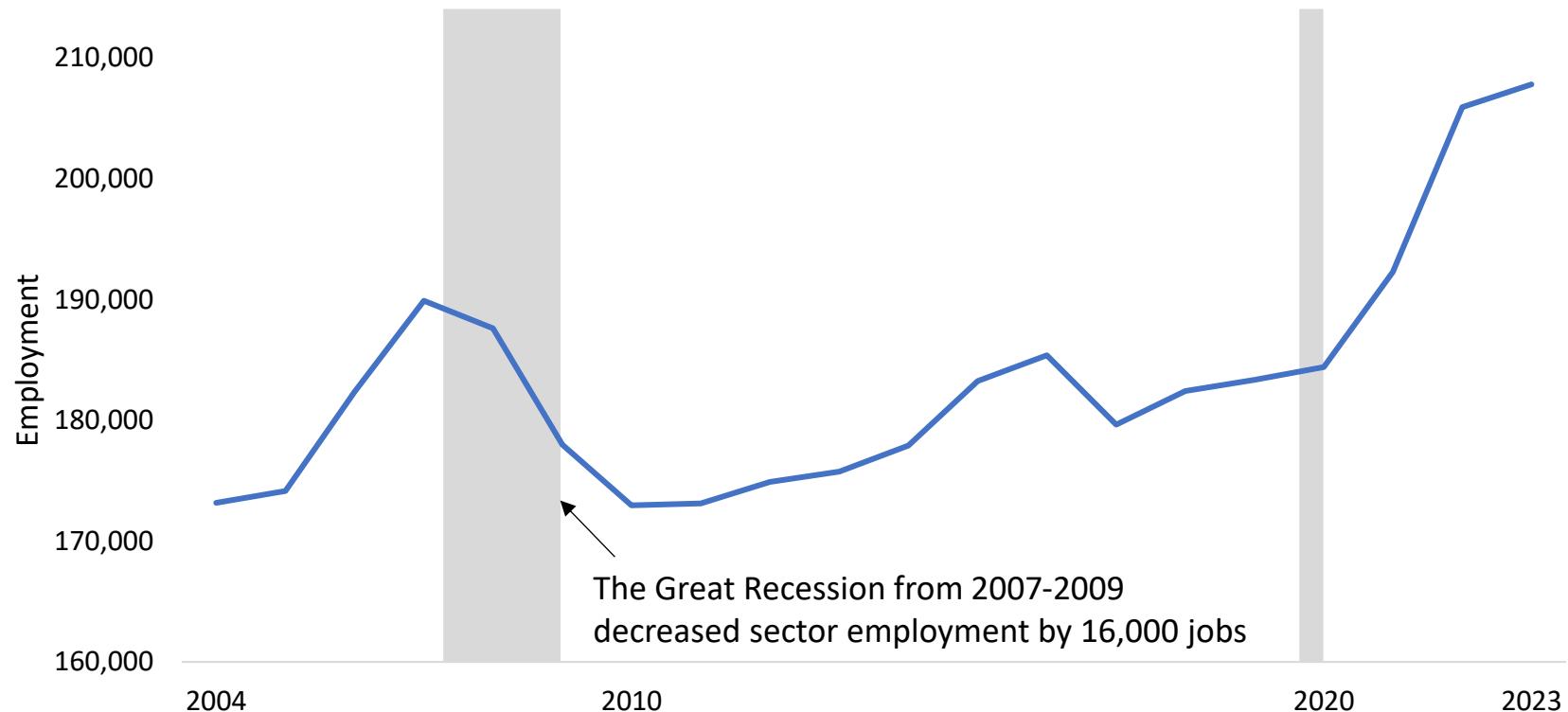
# The technology sector offers a wide range of services



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SOURCE NJDOL, Quarterly Census of Employment and Wages

# Employment increased sharply since the COVID-19 pandemic to a new high of 207,806



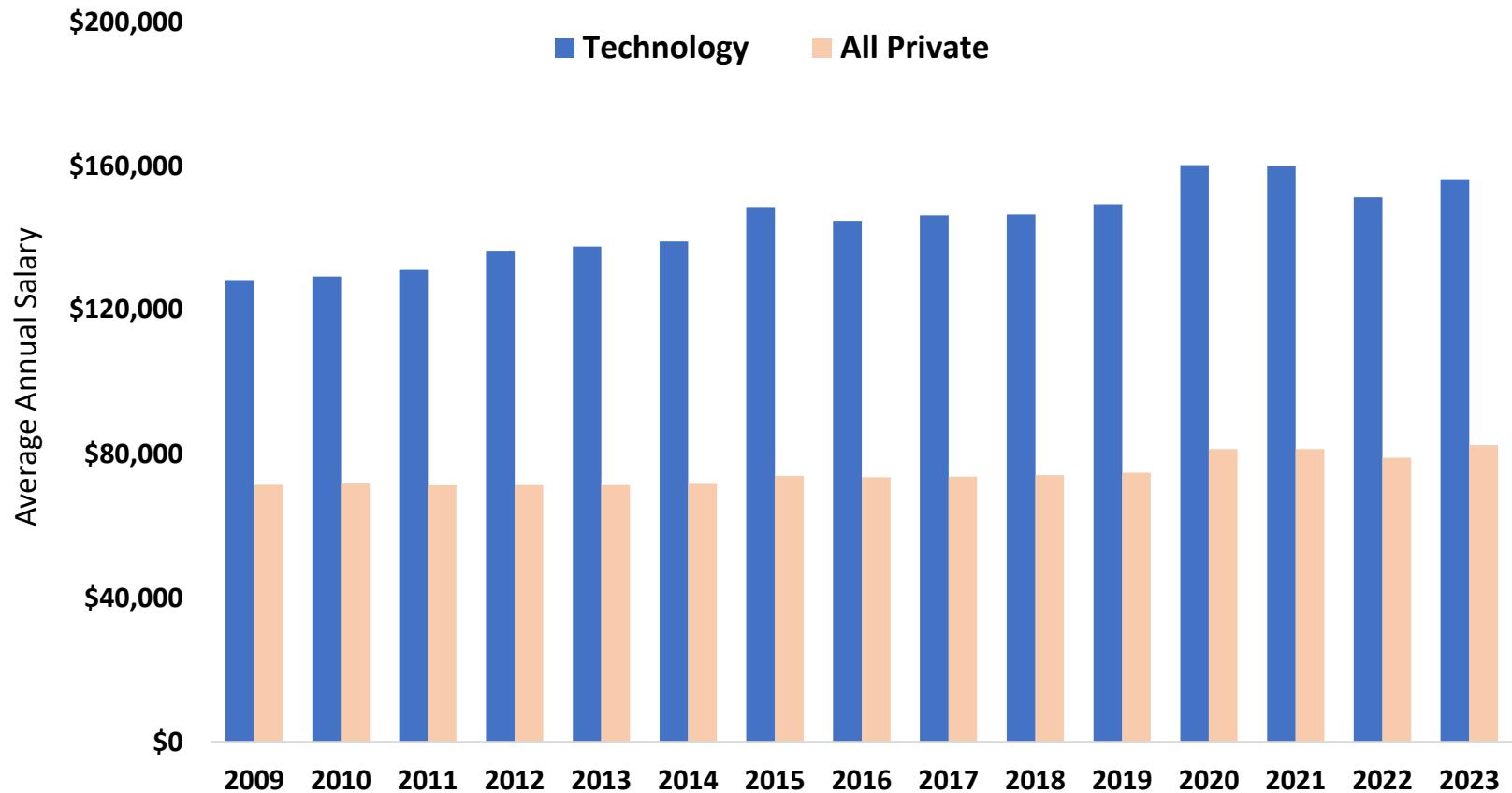
Gray area denotes U.S. economic recession as defined by the National Bureau of Economic Research (NBER)



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SOURCE NJDOL, Quarterly Census of Employment and Wages

# The real\* average annual salary in the technology sector is nearly double the overall statewide average

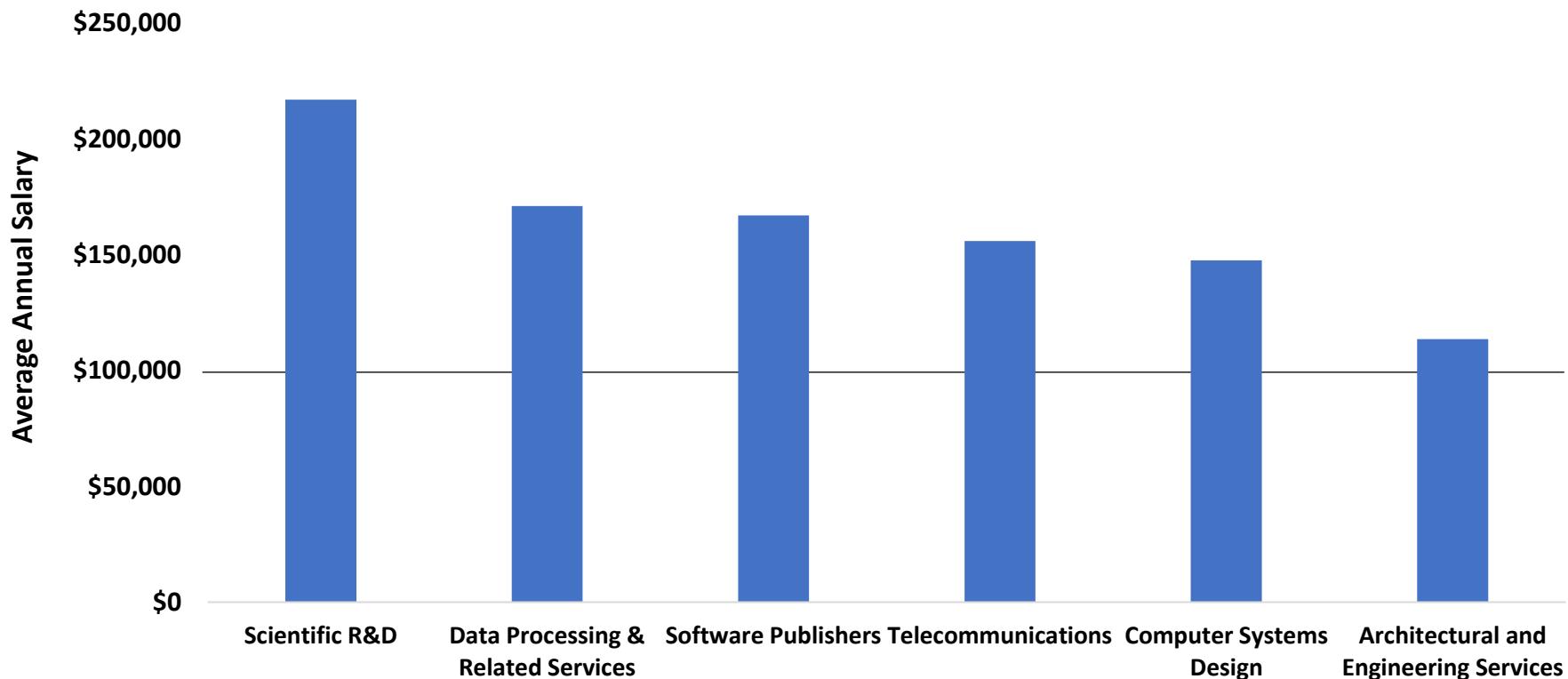


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\*Adjusted for inflation to 2023 dollars.

SOURCE: NJDOL, Quarterly Census of Employment and Wages

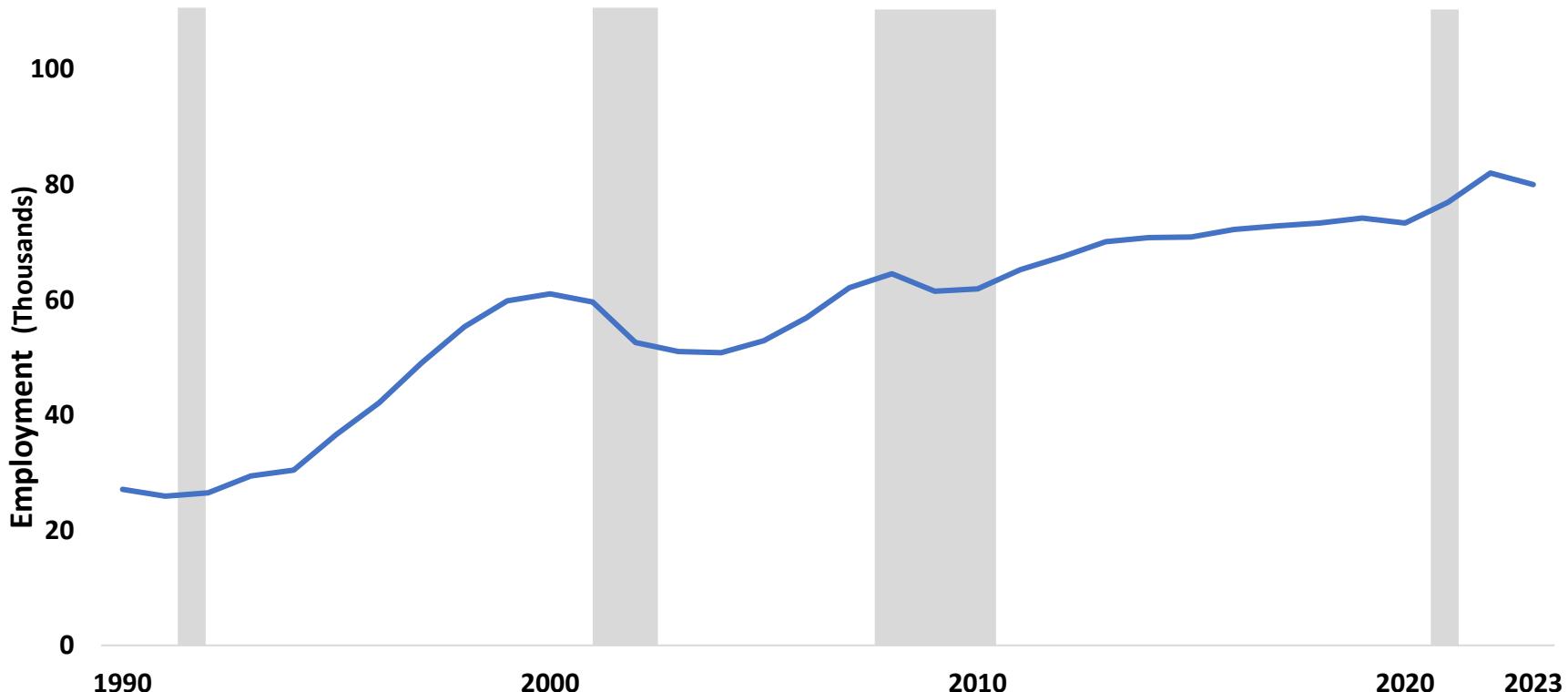
The annual average salary of all technology subsectors is well above \$100,000



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SOURCE NJDOL, Quarterly Census of Employment and Wages

# Employment in the computer systems design industry has more than tripled over the past 33 years



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



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SOURCE NJDOL, Quarterly Census of Employment and Wages

Half of all technology workers are employed in five counties:  
Middlesex, Somerset, Morris, Mercer and Bergen

### 2023 Employment by County

Middlesex	<b>29,487</b>
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Somerset	<b>22,384</b>
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Morris	<b>18,404</b>
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Mercer	<b>16,974</b>
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Bergen	<b>16,444</b>
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All Other Counties	<b>104,113</b>
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<b>Total</b>	<b>207,806</b>
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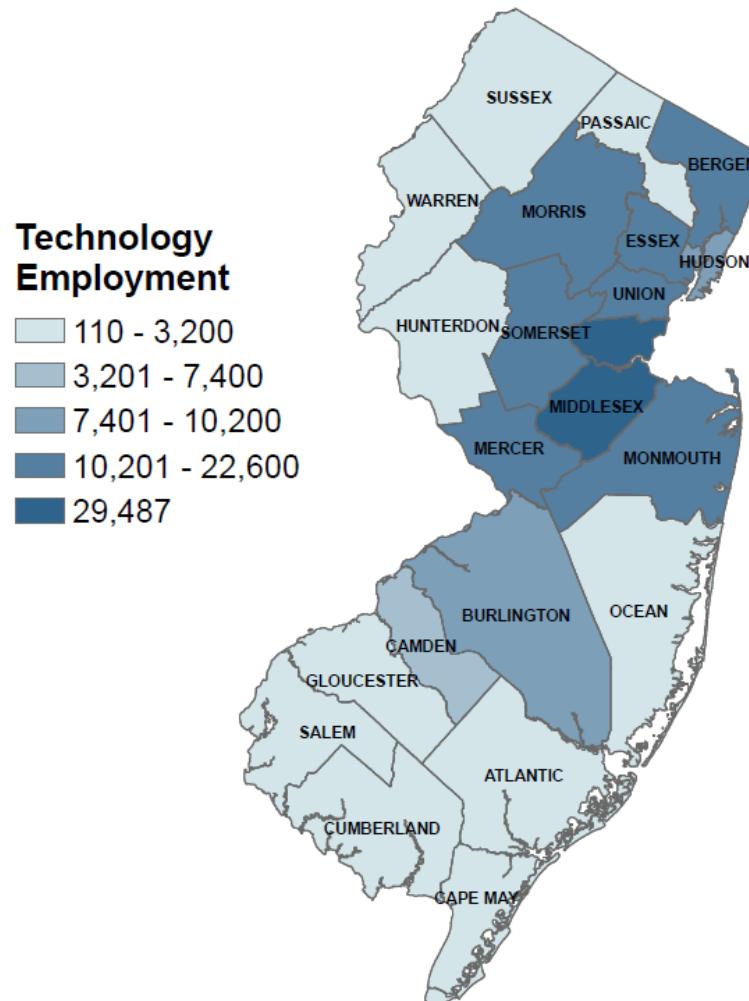
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SOURCE NJDOL, Quarterly Census of Employment and Wages

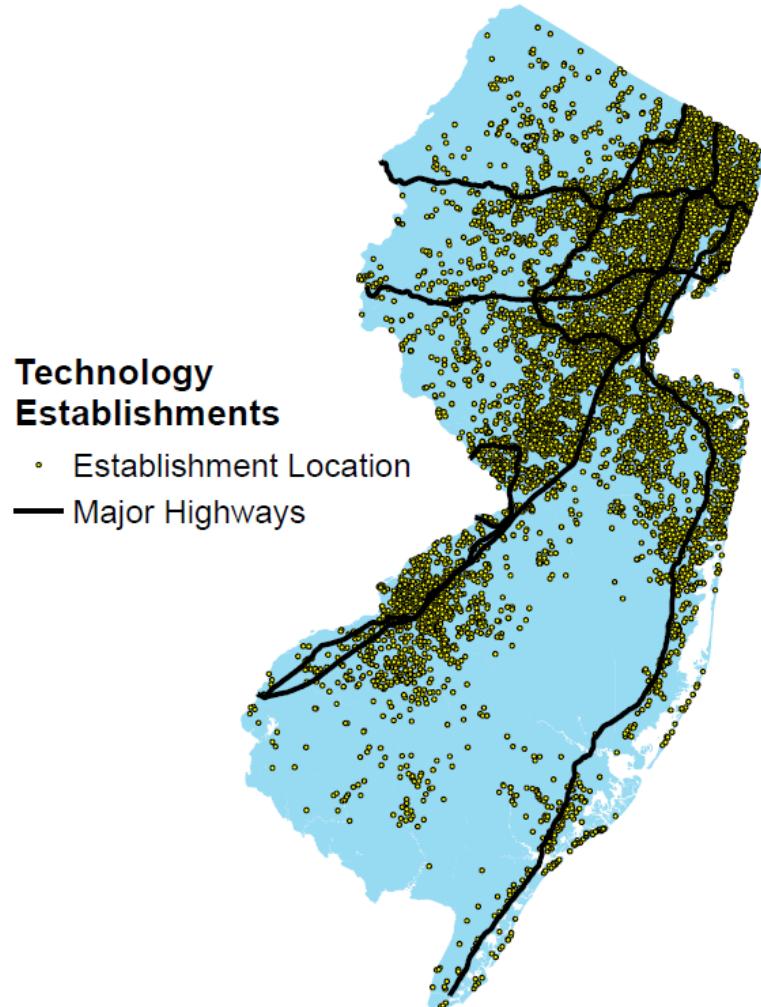
# Technology employment by county



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SOURCE NJDOL, Quarterly Census of Employment and Wages

# Establishments are clustered along New Jersey's major highways



# Occupational Analysis



The technology sector is defined by industries with a disproportionate number of STEM occupations

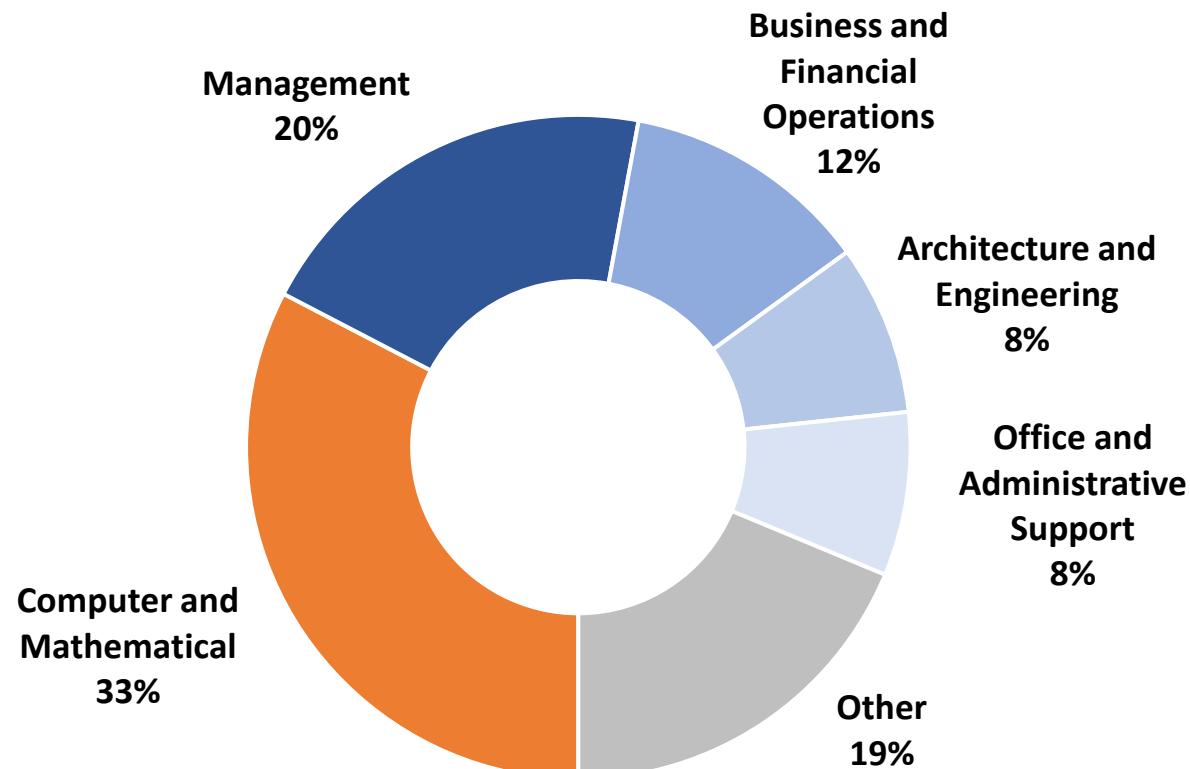


**STEM** Science, Technology,  
Engineering, Mathematics



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# Computer and mathematical occupations account for one-third of all employment



“Other” includes life sciences, sales, and installation, maintenance and repair occupations



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SOURCE NJDOL, Occupational Employment and Wage Statistics

# Eight out of ten of the top occupations require a bachelor's degree or more education

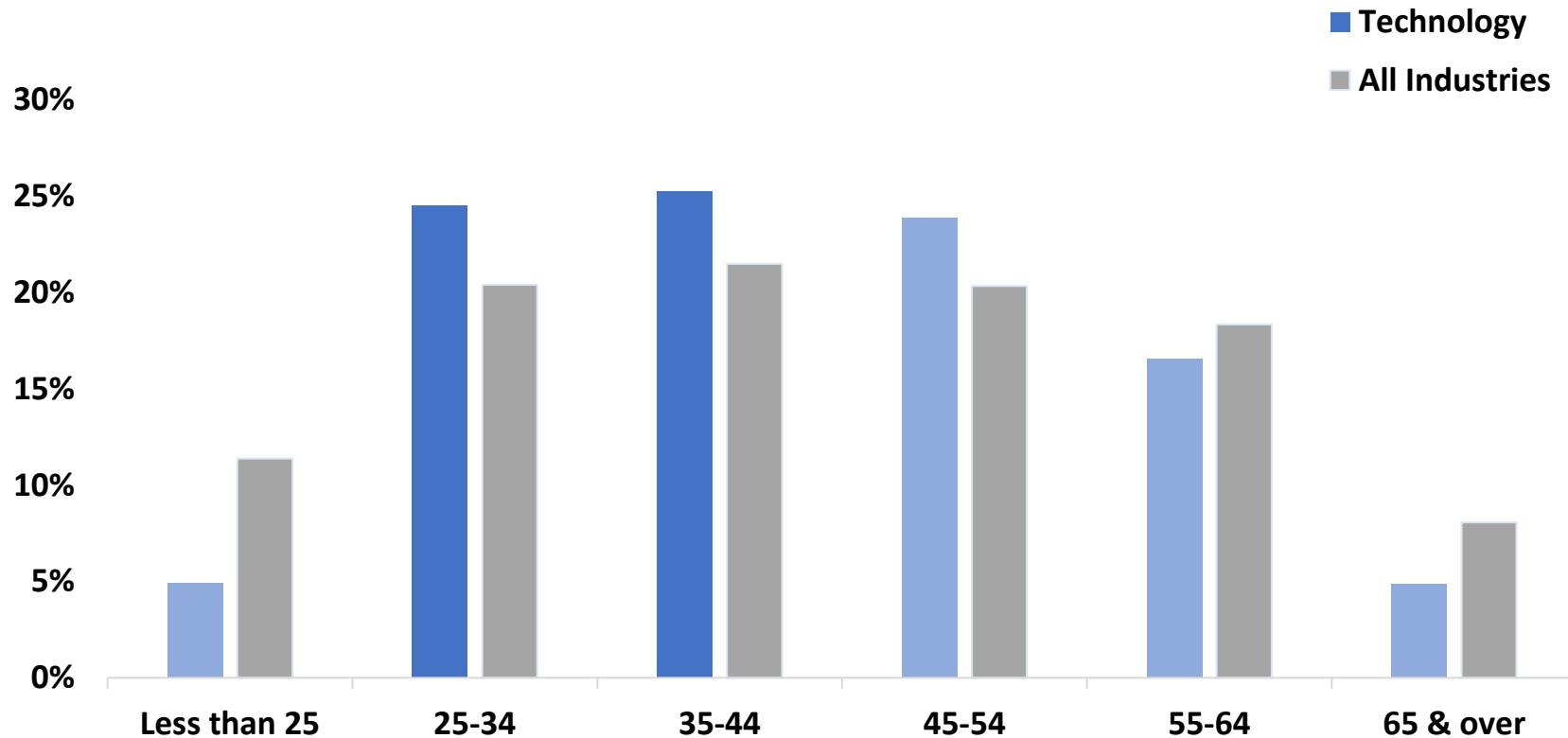
Occupation	Employment	Average Salary	Education
Software Developers	30,740	\$138,138	Bachelor's degree
Computer and Information Systems Managers	11,440	\$197,892	Bachelor's degree
Sales Representatives of Services	9,280	\$112,571	High school diploma or equivalent
Project Management Specialists	7,600	\$125,364	Bachelor's degree
General and Operations Managers	7,480	\$236,316	Bachelor's degree
Natural Sciences Managers	6,710	\$185,361	Bachelor's degree
Computer User Support Specialists	6,450	\$78,848	Some college, no degree
Civil Engineers	4,560	\$107,498	Bachelor's degree
Computer Systems Analysts	4,230	\$129,238	Bachelor's degree
Network and Computer Systems Administrators	4,180	\$123,684	Bachelor's degree



# Demographic Profile



# Technology sector workers are younger than the overall workforce: half are between the ages of 25 and 44

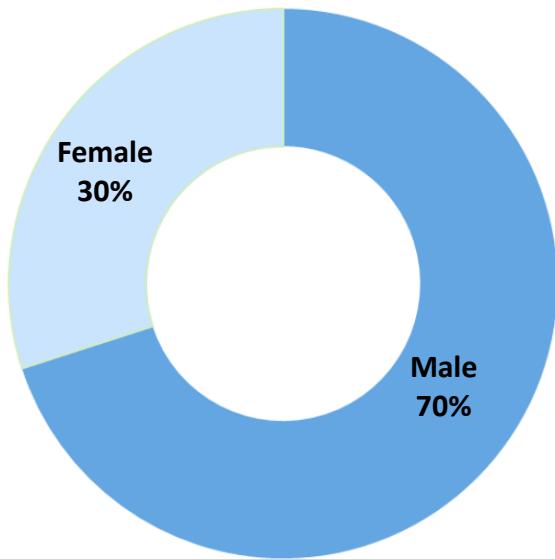


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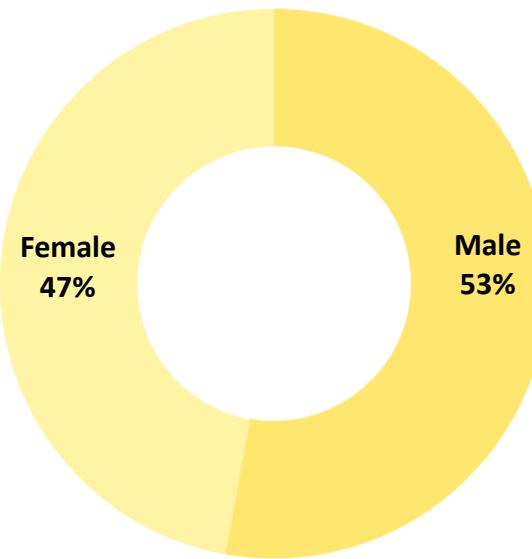
SOURCE NJDOL, American Community Survey, Public Use Microdata Sample

# Workers in this industry are disproportionately male

**Technology**



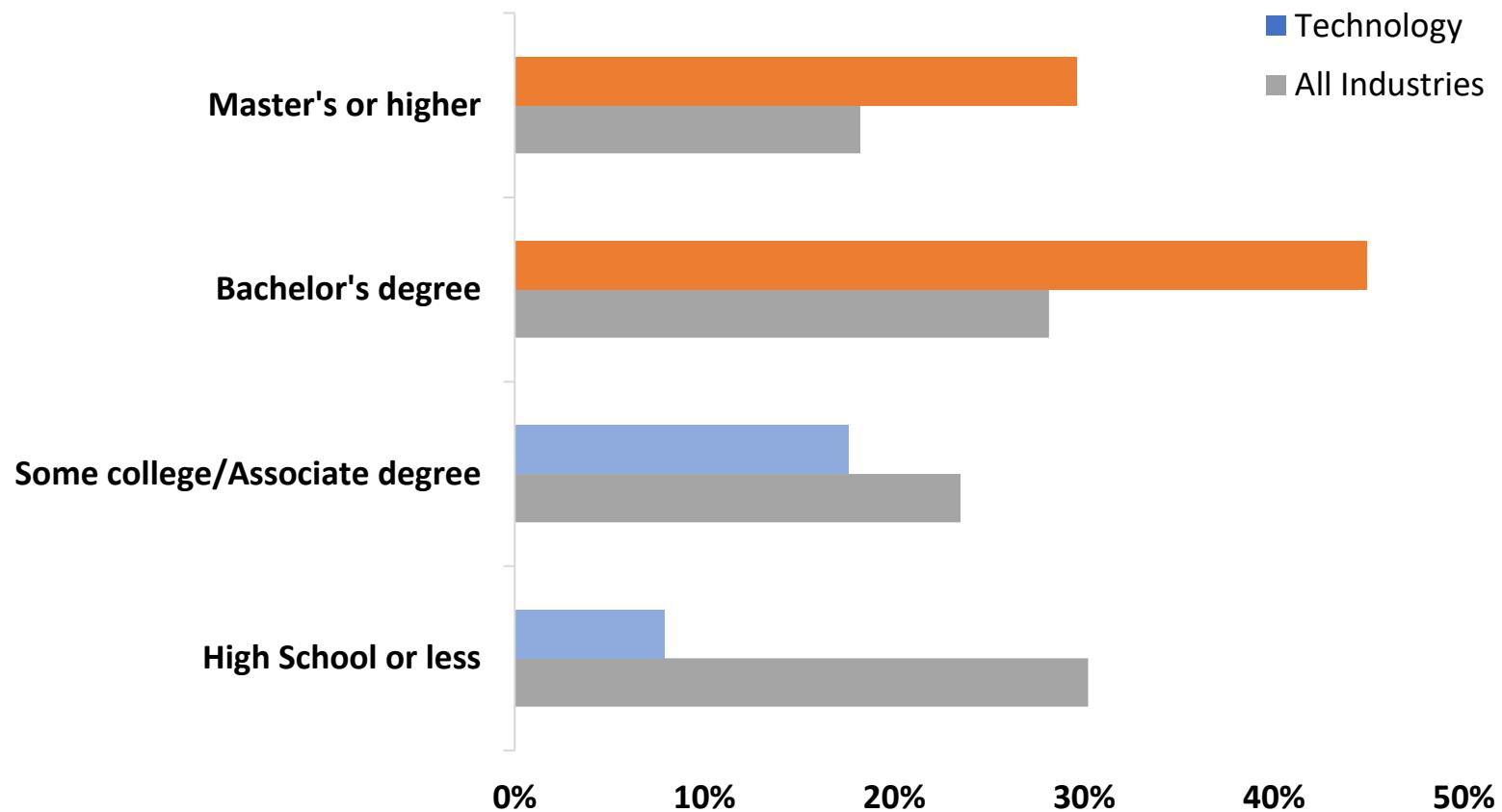
**All Industries**



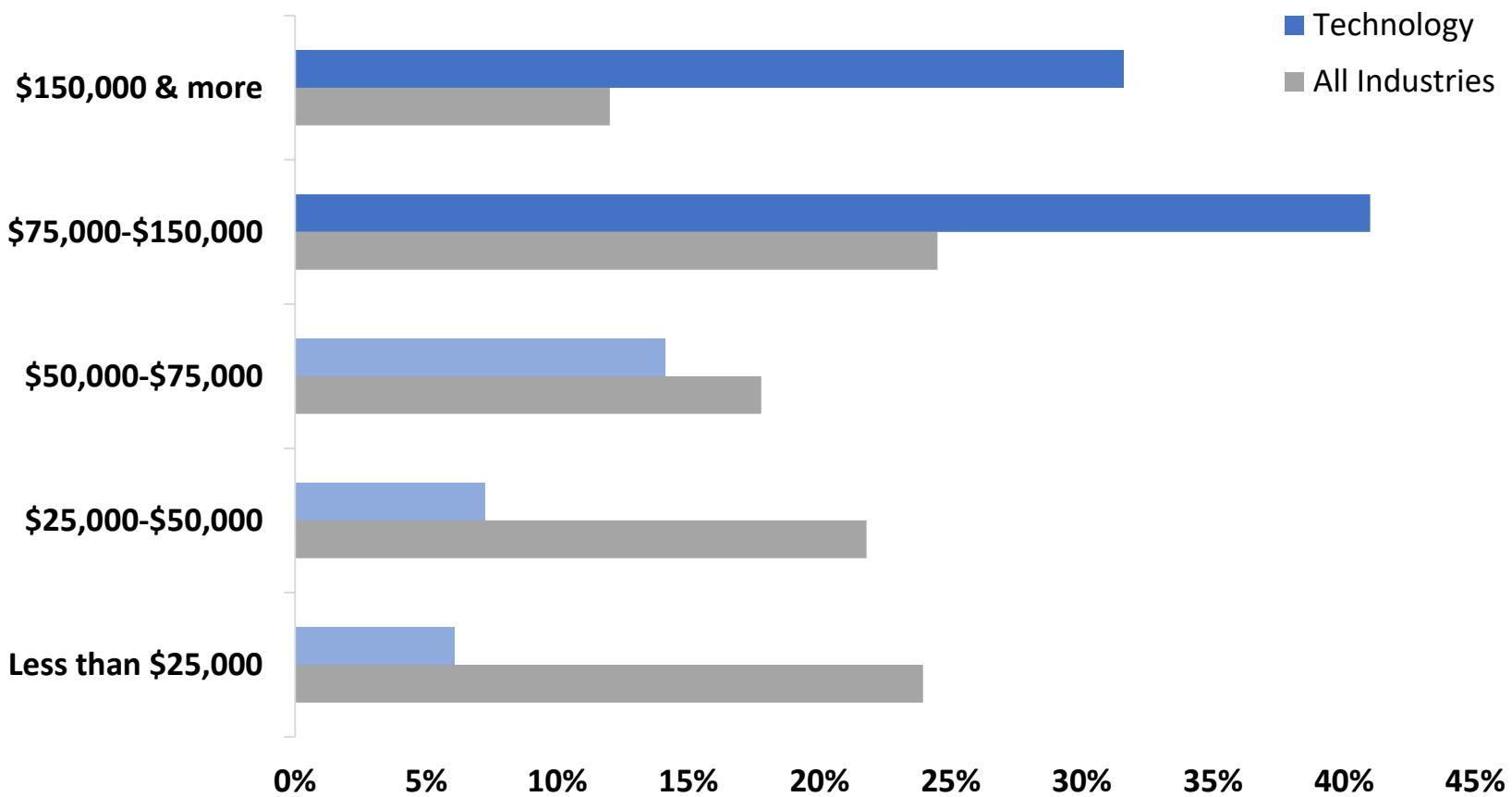
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SOURCE NJDOL, American Community Survey, Public Use Microdata Sample

The workforce is well-educated, with 75 percent of individuals holding a Bachelor's degree or higher (highlighted in orange)



Nearly three-quarters of technology workers earn more than \$75,000 annually (highlighted in orange)



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SOURCE NJDOL, American Community Survey, Public Use Microdata Sample

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