

# New Jersey's Technology Sector

A Detailed Analysis of Labor  
Market Information

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Office of Research  
and 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

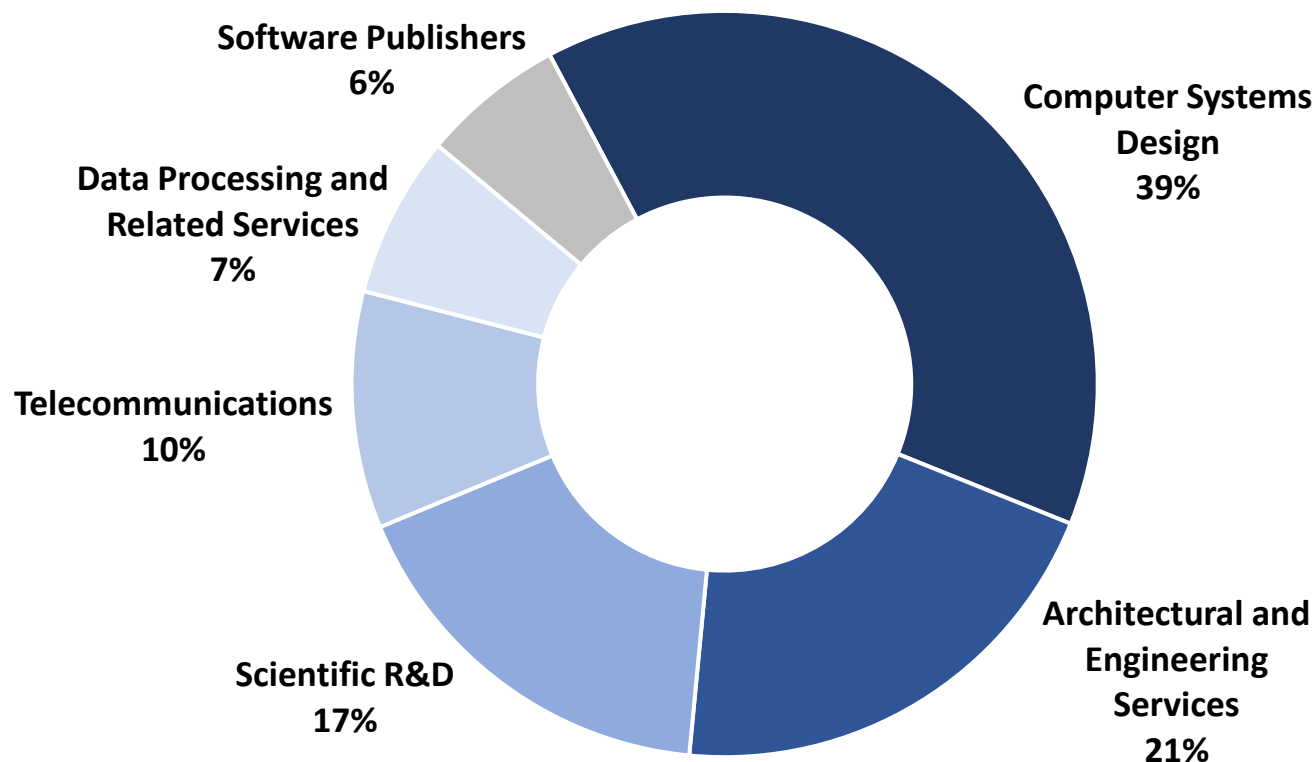




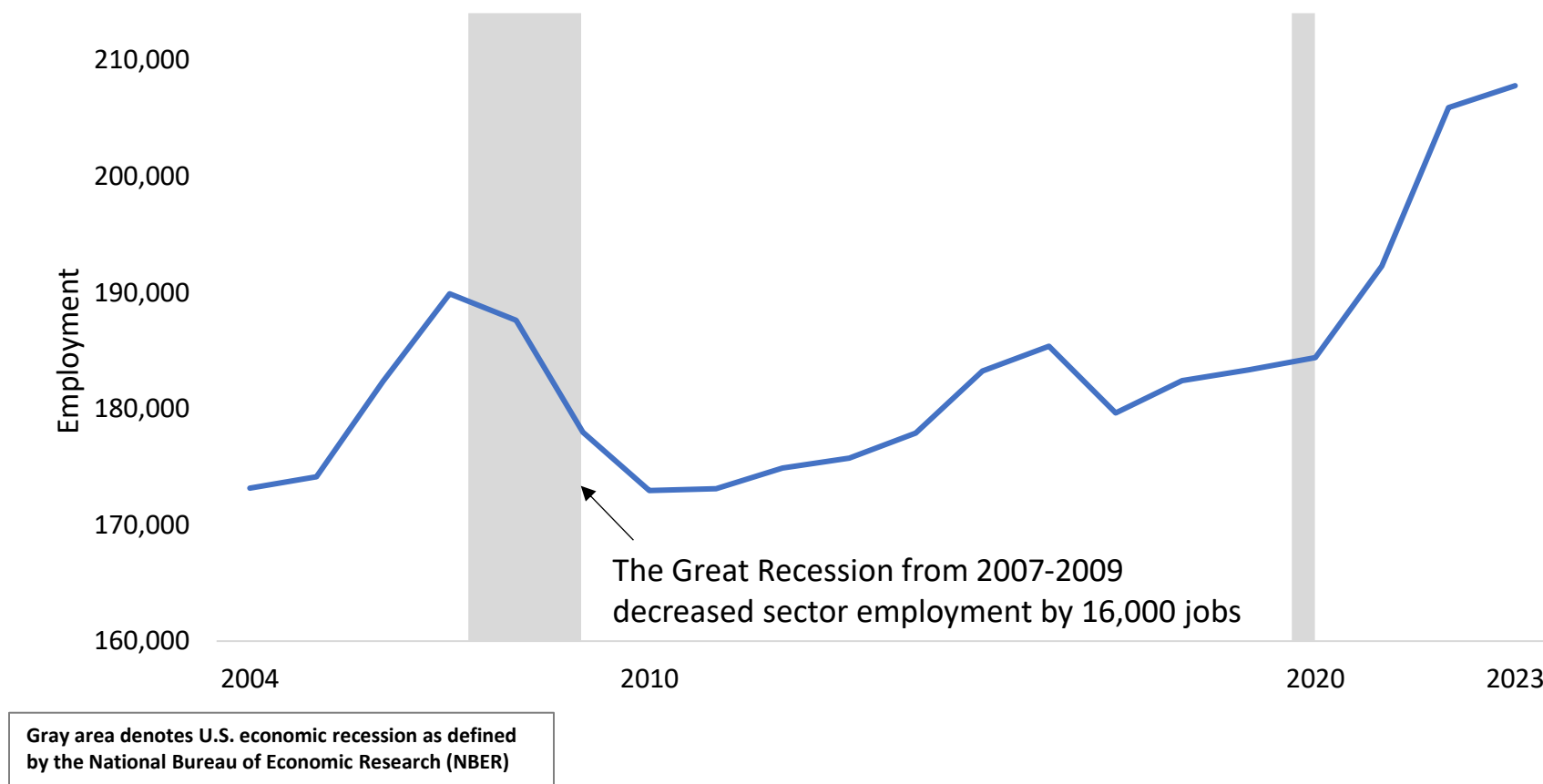
# Industry Analysis and Economic Overview



# The technology sector offers a wide range of services



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

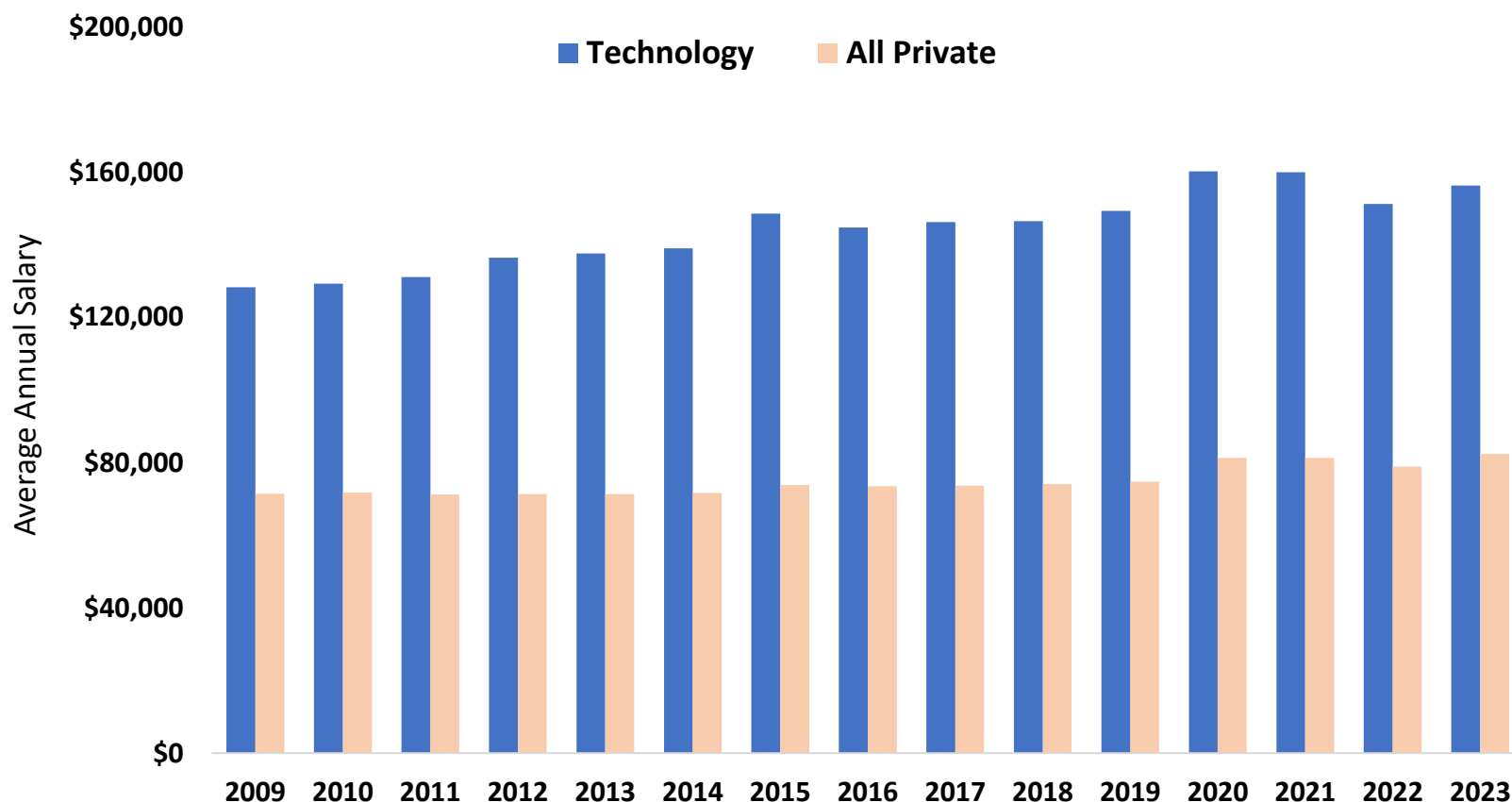


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SOURCE NJDOL, Quarterly Census of Employment and Wages



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

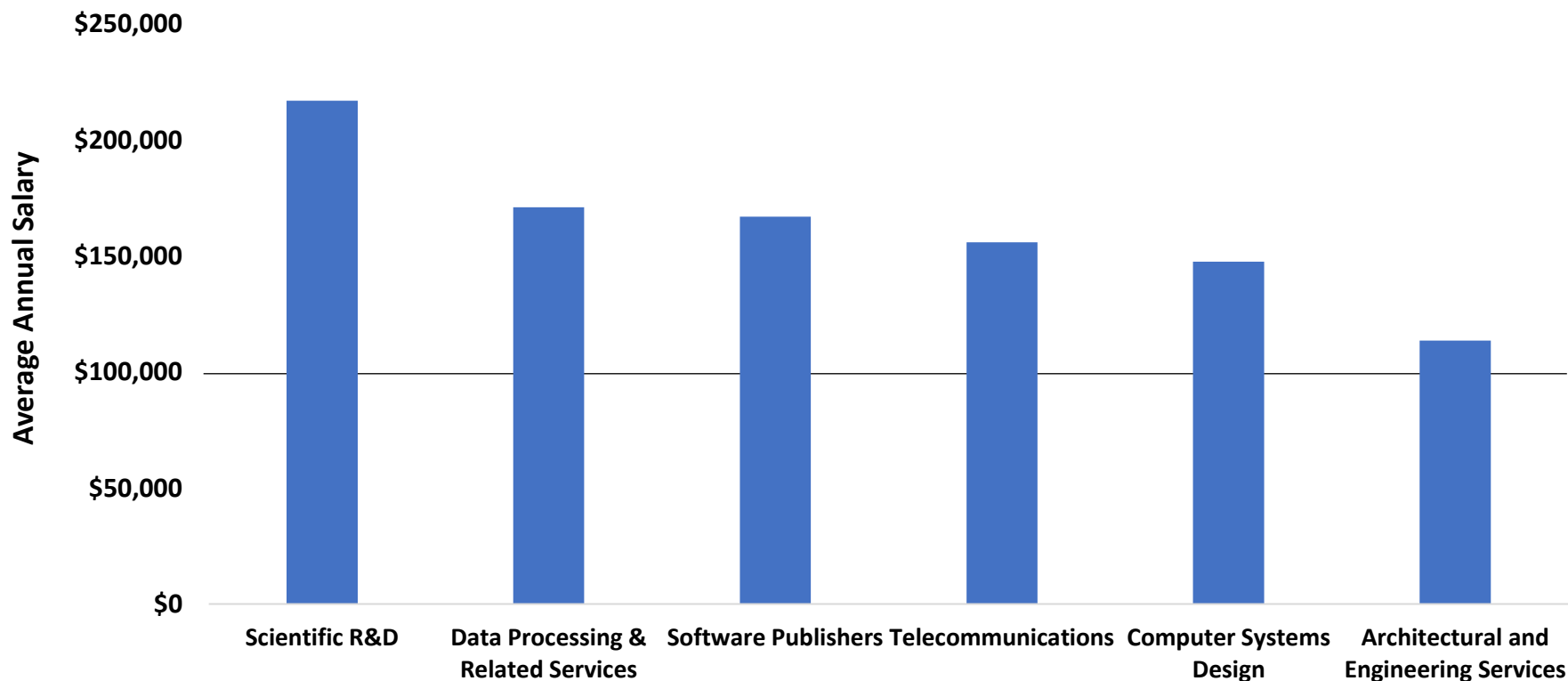


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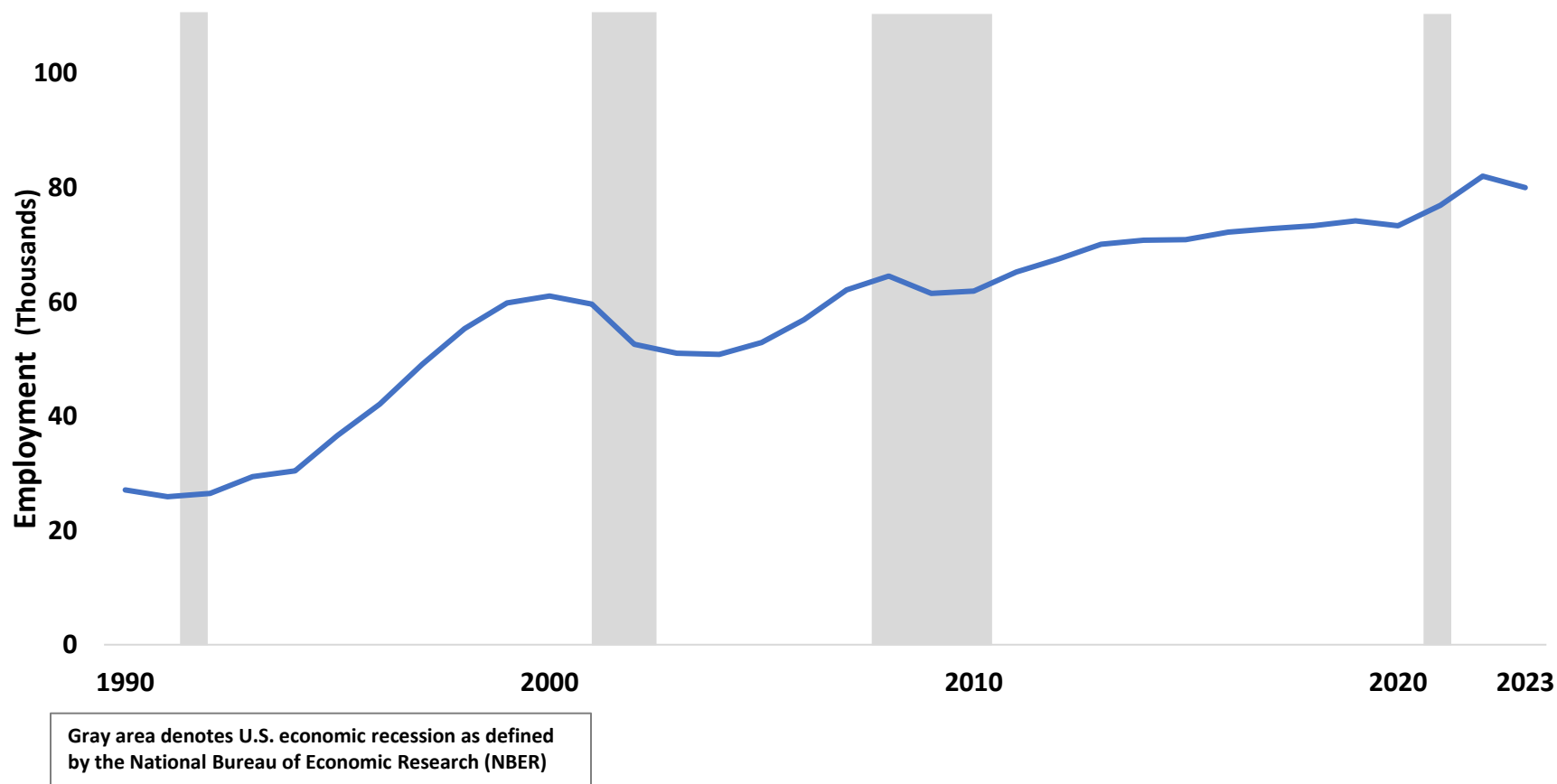
\*Adjusted for inflation to 2023 dollars.

SOURCE: NJDOL, Quarterly Census of Employment and Wages

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



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



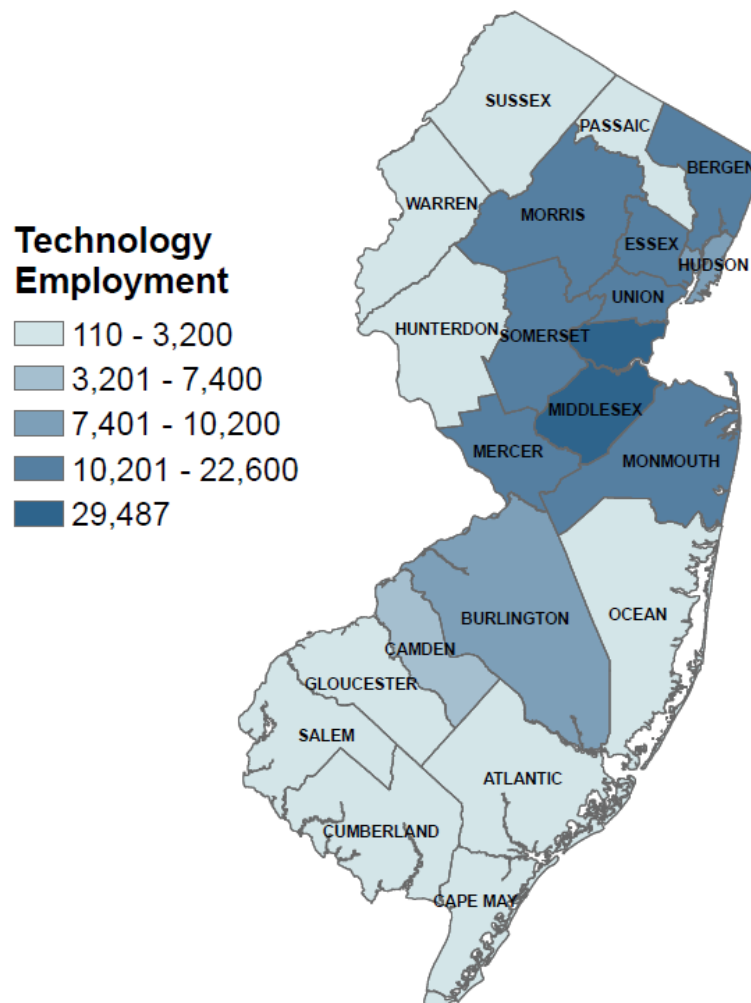
# Half of all technology workers are employed in five counties: Middlesex, Somerset, Morris, Mercer and Bergen

## 2023 Employment by County

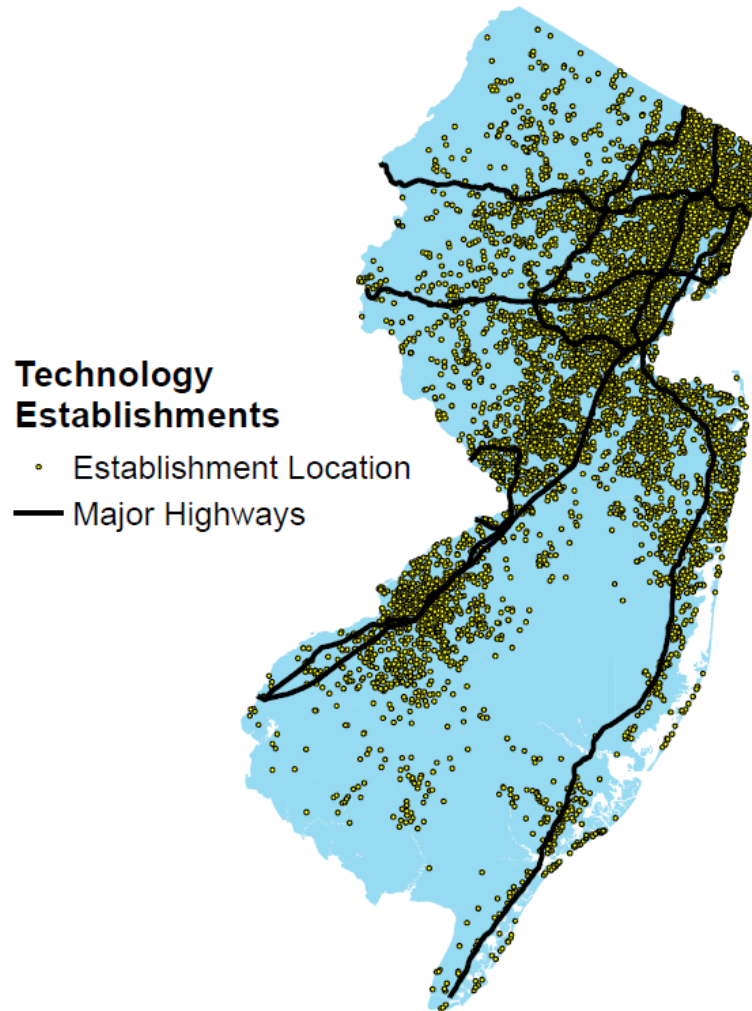
Middlesex	29,487
Somerset	22,384
Morris	18,404
Mercer	16,974
Bergen	16,444
All Other Counties	104,113
<hr/>	
Total	207,806
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# Technology employment by county



# Establishments are clustered along New Jersey's major highways





# Occupational Analysis

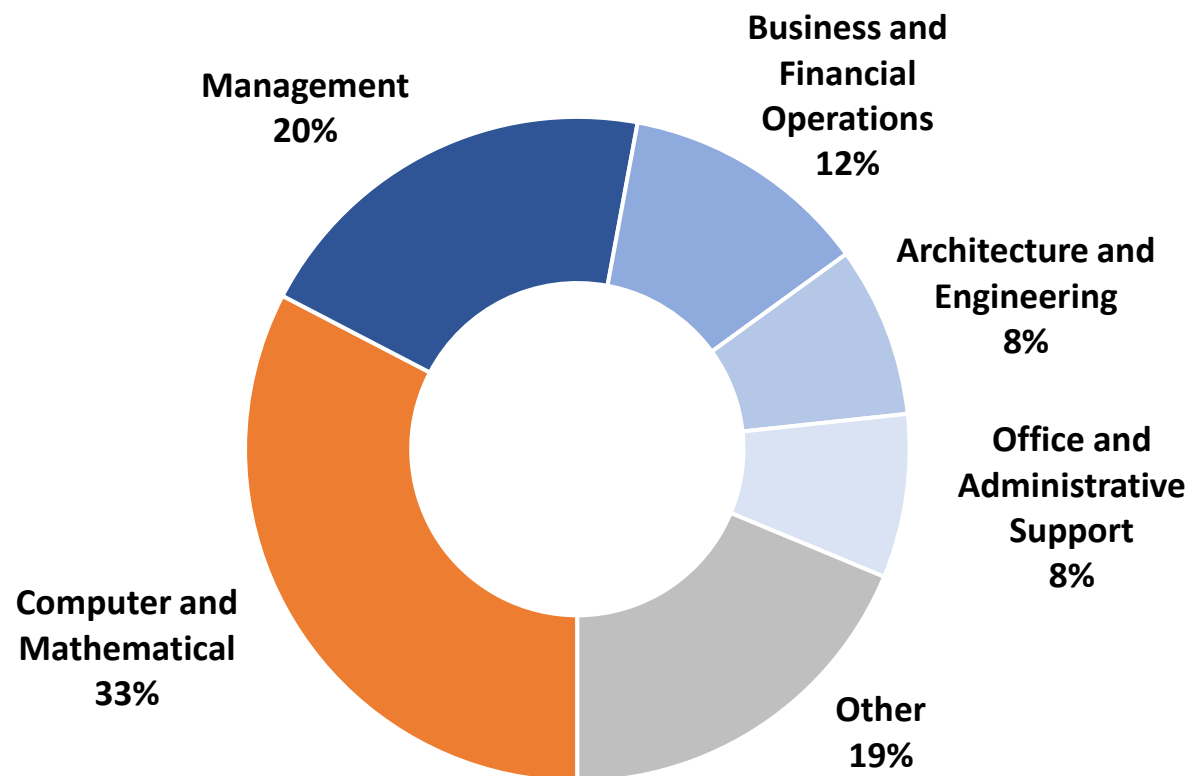


The technology sector is defined by industries with a disproportionate number of STEM occupations



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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



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

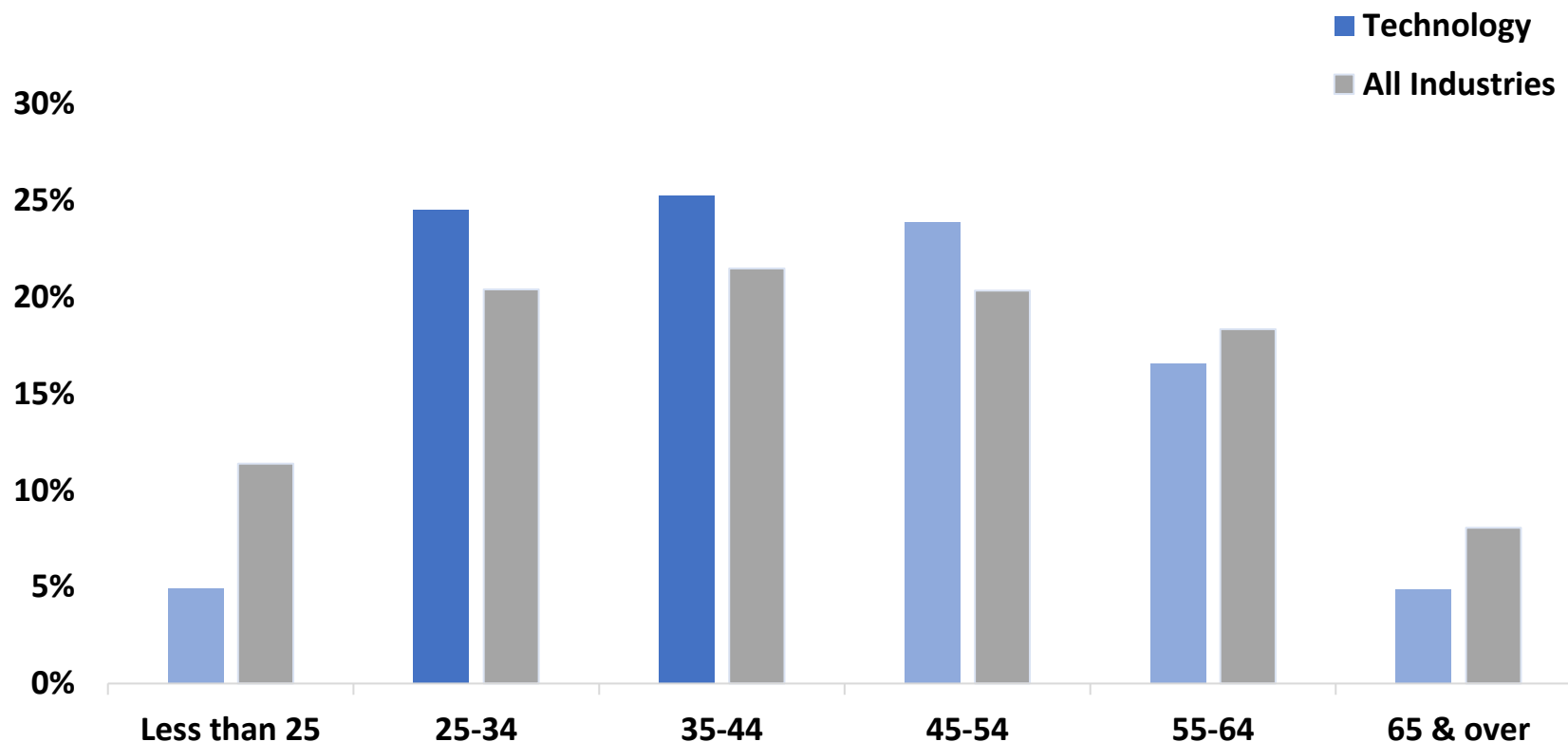
Occupation	Employment	Average Salary	Education
Software Developers	30,740	\$138,138	Bachelor's degree
Computer and Information Systems Managers	11,440	\$197,892	Bachelor's degree
Sales Representatives of Services	9,280	\$112,571	High school diploma or equivalent
Project Management Specialists	7,600	\$125,364	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



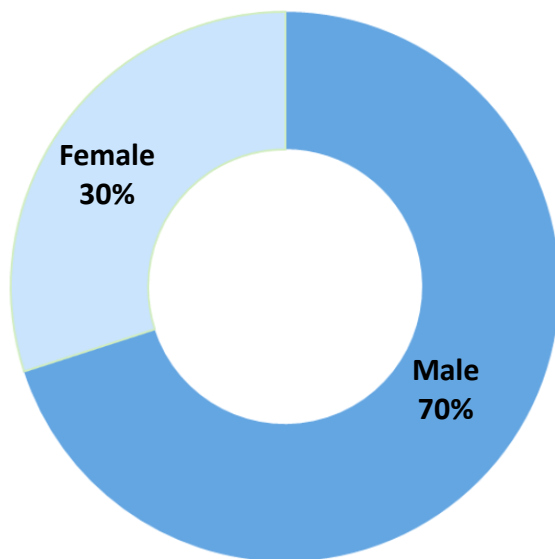
## Technology sector workers are younger than the overall workforce: half are between the ages of 25 and 44



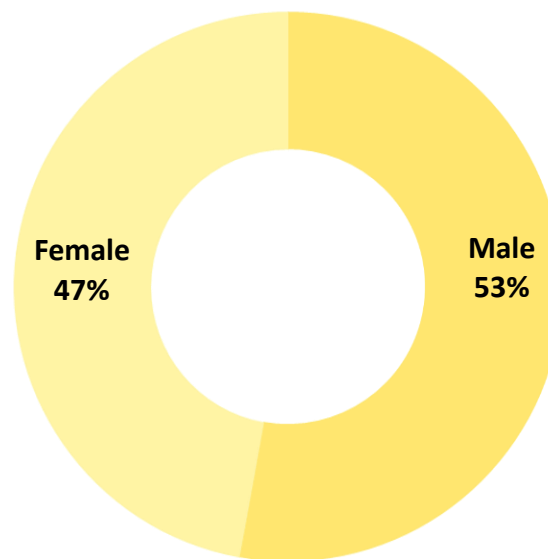


# Workers in this industry are disproportionately male

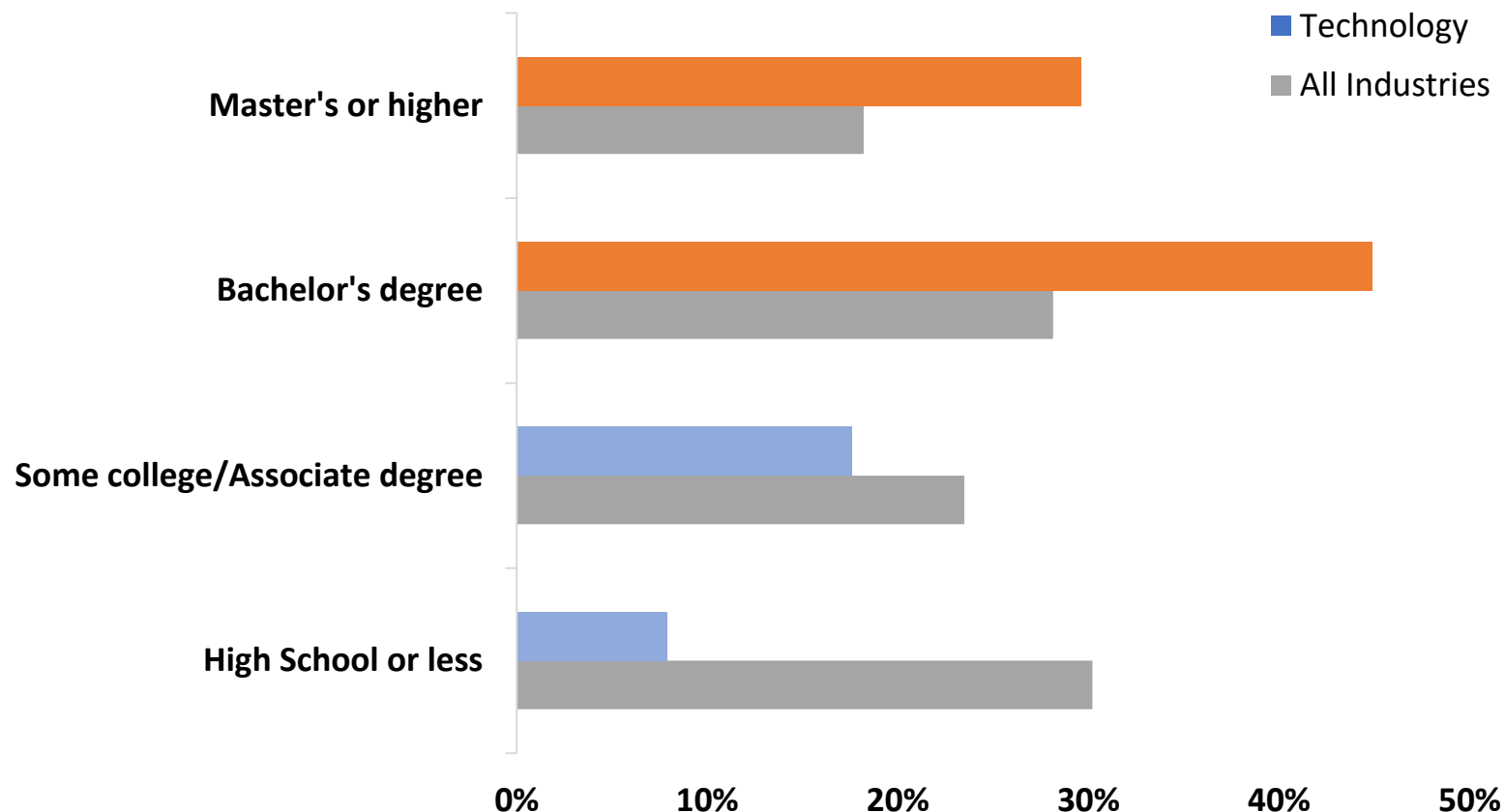
## Technology



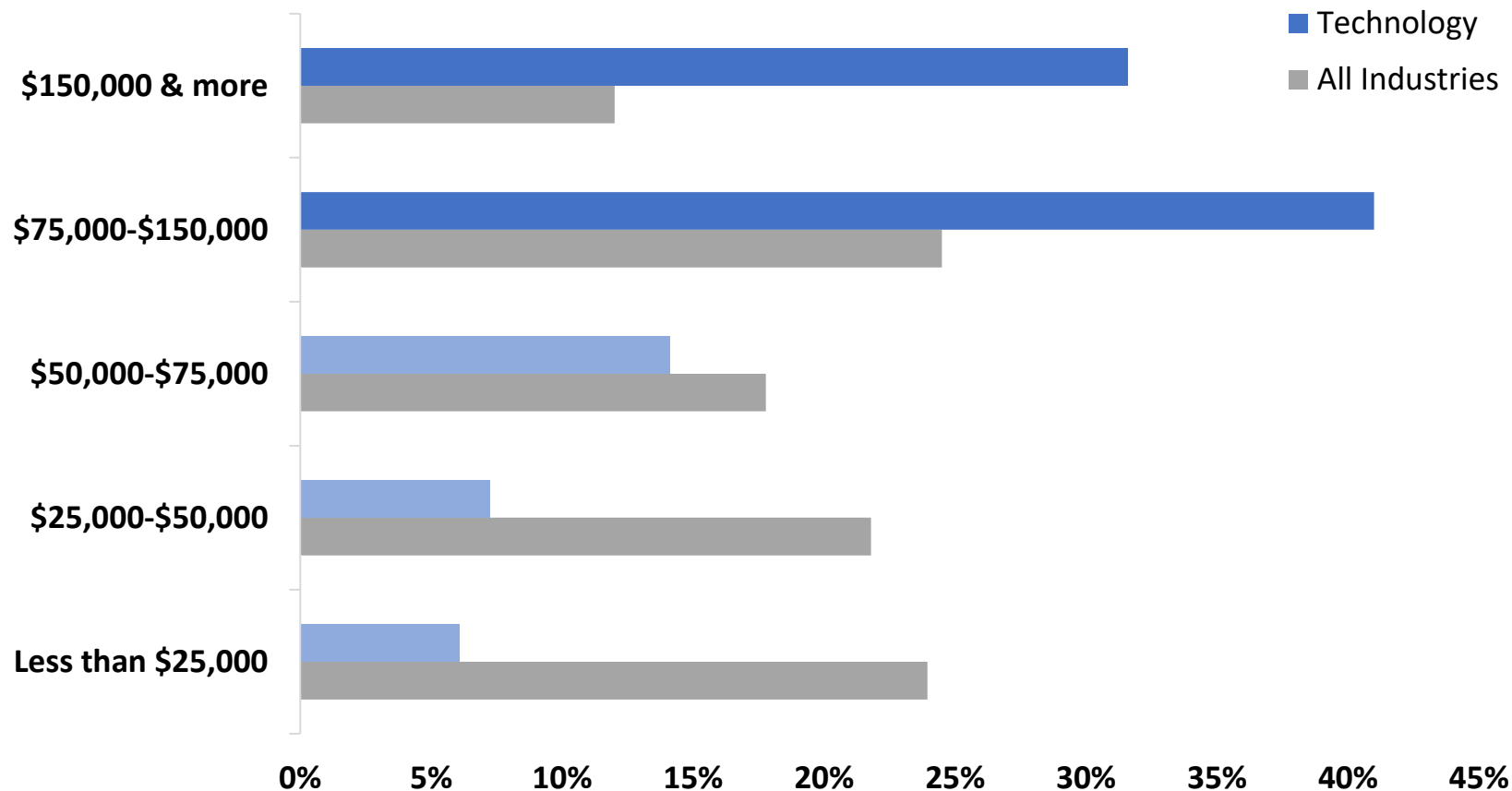
## All Industries



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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