New Jersey’s
TECHNOLOGY Industry Cluster

Prepared by:
New Jersey Department of Labor & Workforce Development
Office of Research & Information
Bureau of Labor Market Information
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Industries in the technology cluster 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 2020, New Jersey’s technology cluster accounted for 184,395 jobs or 5.8 percent of private sector employment statewide.

- The annual average wage for the technology cluster was $146,120 in 2020 or nearly double the statewide average ($74,080) for all industries. Employers in the industry paid more than $26.9 billion in wages, or about 11.3 percent of the total wages paid in all industries.

- Employment within the technology cluster can primarily be found within the following sectors: professional, scientific and technical services (76.6%), and information (23.4%).
In 2020, New Jersey’s technology cluster accounted for 184,395 jobs or 5.8 percent of all private sector employment statewide. Nationally the cluster was responsible for 5.2 percent of all private technology employment.

Annual average wage for the technology cluster was $146,123 in 2020 or 197.2 percent, nearly double the statewide average ($74,084) for all industries. Employers in the industry paid over $26.9 billion in wages, or 11.3 percent of the total wages paid in all industries.

Employment within the technology cluster can primarily be found within: professional and technical services (23.4%) and information (76.6%).

From 2004 to 2020 employment in the cluster peaked in 2007 at 189,894 jobs.
Within the technology cluster, near 40 percent of employment was found in Computer Systems Design and Related Services.
## NEW JERSEY TECHNOLOGY INDUSTRY CLUSTER NORTHERN REGION, 2020 ANNUAL AVERAGES

### Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: December 2021

<table>
<thead>
<tr>
<th>Description</th>
<th>Units</th>
<th>Average Employment</th>
<th>Wages</th>
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Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: December 2021
NEW JERSEY TECHNOLOGY INDUSTRY CLUSTER
HIGHEST PAYING STEM OCCUPATIONS, 2020

- The highest annual average STEM salary was Software Developers and Software Quality Assurance Analysts and Testers ($122,400), employed 28,890.

- The STEM occupations by employment all had an occupational annual average wage that was above the state average ($74,085).

2020 Annual Average Salary

NEW JERSEY TECHNOLOGY INDUSTRY CLUSTER
NJ RESIDENTS IN TECHNOLOGY WORK FORCE, 2020

**Education Level**
- High School or less: 7.4%
- Some college/Associate degree: 17.4%
- Bachelor's degree: 47.6%
- Master's/Professional degree: 24.0%
- Doctoral degree: 3.7%

**Personal Earnings**
- Less than $25,000: 7.8%
- $25,000-$50,000: 11.4%
- $50,000-$75,000: 16.0%
- $75,000-$150,000: 42.0%
- $150,000 & more: 22.8%

Source: New Jersey Department of Labor and Workforce Development
2017 U.S. Census Bureau, American Community Survey, 1-Year Estimates – December 2021