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
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.

- Technology sector accounted for 182,500 jobs, 5.3 percent of private sector employment statewide

- Annual average wage was $129,263 in 2018, nearly double the statewide average of $65,355

- $23.6 billion in total wages paid, 10.4 percent all wages paid

Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020
NEARLY HALF OF EMPLOYMENT IN COMPUTER SYSTEMS DESIGN

2018 Employment

- Computer Systems Design and Related Services: 70,900
- Architectural, Engineering, and Related Services: 39,600
- Scientific Research and Development Services: 29,700
- Telecommunications: 25,600
- Data Processing, Hosting, and Related Services: 10,100
- Software Publishers: 6,800

Source: NJ Department of Labor & Workforce Development, Quarterly Census of Employment and Wages: January, 2020
HEAVY CONCENTRATION IN NORTHEASTERN NEW JERSEY

<table>
<thead>
<tr>
<th>Description</th>
<th>Units</th>
<th>Average Employment</th>
<th>Average Wages</th>
<th>Total Wages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology Industry Cluster</td>
<td>15,369</td>
<td>182,500</td>
<td>$129,263</td>
<td>$23,580,609,154</td>
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<tr>
<td>Northern Region</td>
<td>5,722</td>
<td>86,300</td>
<td>$139,941</td>
<td>12,071,021,957</td>
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<tr>
<td>Bergen</td>
<td>1,397</td>
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<td>$118,893</td>
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<td>Essex</td>
<td>684</td>
<td>8,700</td>
<td>$632,691</td>
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<td>Hudson</td>
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<td>Hunterdon</td>
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<td>2,600</td>
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<td>Morris</td>
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<td>Passaic</td>
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<td>Warren</td>
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<td>500</td>
<td>$463,601</td>
<td>$32,653,283</td>
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</table>

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

Biochemists and Biophysicists: $163,500
Software Developers, Systems Software: $120,100
Software Developers, Applications: $111,200
Civil Engineers: $106,400
Computer Programmers: $100,600
Network and Computer Systems Administrators: $96,500
Chemists: $84,900
Computer User Support Specialists: $78,300

HIGHLY EDUCATED, WELL-PAID WORKFORCE

**Education Level**
- Doctoral degree: 3.8%
- Master's/Professional degree: 29.5%
- Bachelor's degree: 45.1%
- Some college/Associate degree: 14.1%
- High School or less: 7.5%

**Personal Earnings**
- Less than $25,000: 9.9%
- $25,000-$50,000: 12.8%
- $50,000-$75,000: 18.0%
- $75,000-$150,000: 41.3%
- $150,000 & more: 18.0%

Source: New Jersey Department of Labor and Workforce Development
Click [here](http://lwd.dol.state.nj.us/) for more detailed analysis of this industry

New Jersey Department of Labor & Workforce Development

[http://lwd.dol.state.nj.us/](http://lwd.dol.state.nj.us/)

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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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