

State: New Jersey (NJ)

Capital City: Trenton

Major Cities: Newark, Jersey City, Paterson, Elizabeth, Clifton, Camden, Passaic, Union, East Orange

Major Companies: Johnson & Johnson, Prudential Financial, Merck, Honeywell International, NRG Energy, Cognizant Technology Solutions, Bed Bath & Beyond, Toys 'R' Us, ADP, Public Service Enterprise Group, Becton Dickinson, Celgene, Avis Budget Group, Campbell Soup, Quest Diagnostics, Realogy Holdings

Major Sectors/Economy:

- New Jersey's diverse economy includes major pharmaceuticals, life sciences, financial services, advanced manufacturing, information technology, and transportation and logistic sectors
- More than 5,000 information and technology companies based in New Jersey
- New Jersey is the nation's most strategically relevant location for manufacturing, as well as a gateway for exporting
- New Jersey reportedly has the highest concentration worldwide of scientists and engineers in the world
- New Jersey is an attractive base for financial services firms due to population density and proximity to New York City
- There were near 9,000 advanced manufacturing establishments in New Jersey employing close to 245,600 people
- New Jersey ranked fifth among states for chemical manufacturing after Texas, California, Illinois, and Ohio
- Technology industry in NJ employs over 182,423 workers
- Spending on infrastructure improvements has been driving employment in New Jersey, particularly among civil engineers
- A new Transportation Trust Fund (TTF) budget is expected to generate \$16 billion from 2016 to 2024
- One of the leading states in the production of chemicals. Pharmaceuticals are, by far, the largest sector of this market with leading pharmaceutical companies headquartered in New Jersey
- New Jersey hosts several business headquarters, including twenty-four Fortune 500 companies

Climate:

Summers are typically hot and humid, with statewide average high temperatures of 28–31 °C and lows of 16–21; however, Winters are usually cold, with average high temperatures of 1–6 °C and lows of –9 to –2 °C

University Eligibility and Fee:

University	Bachelors Eligibility	Bachelors Fee Range/yr	Masters Eligibility	Masters Fee Range/yr
Princeton University	GPA – 3.8 SAT– 1390-1590 ACT – 32-35	\$49,450	GRE-320+ GPA – 3.8/85%+ TOEFL -100/IELTS – 7.0 -7.5	\$44,350
Rutgers University	GPA – 3.7 SAT– 1110-1340 ACT – N/A	\$28,194	GRE-315 GPA – 3.6/80%+ TOEFL -90/IELTS – 7.0	\$39,744
New Jersey Institute of Technology	GPA – 3.7 SAT– 1110-1310 ACT – 23-29	\$29,586	GRE-300 GPA – 3.3/70%+ TOEFL -80/IELTS – 6.5	\$32,824
Stevens Institute of Technology	GPA – 3.7 SAT– 1040-1210 ACT – 22-27	\$50,370	GRE-300+ GPA – 3.3/70%+ TOEFL -80/IELTS – 6.5	\$37,990
Saint Peters University	GPA – 3.3 SAT– NR ACT – NR	\$22,540	GRE-NR GPA – 3.0/65%+ TOEFL -80/IELTS – 6.5	\$21,642
Fairleigh Dickinson University	GPA – 3.3 SAT– 950+ ACT – 20+	\$39,686	GRE-NR GPA – 3.0/65%+(5BL) TOEFL -80/IELTS – 6.5	\$26,709
Monmouth University	GPA – 3.3 SAT– NR ACT – NR	\$37,438	GRE-NR GPA – 3.0/65%+(5BL) TOEFL -80/IELTS – 6.5	\$23,068

University	Key Points
Princeton University	<ul style="list-style-type: none"> • Founded in 1746 • Fall 2016 acceptance rate 7% • Princeton University is ranked #1 in National Universities. • student-faculty ratio is 5:1 • Median starting salary of alumni \$66,700 • 60 percent of full-time undergraduates receive some kind of need-based financial aid, and the average need-based scholarship or grant award is \$47,497 • The university has graduated many notable alumni. As of 2017, Princeton has been associated with 43 Nobel laureates, 21 National Medal of Science winners, 2 U.S. Presidents, 12 U.S. Supreme Court. • U.S. Presidents James Madison and Woodrow Wilson and Vice President Aaron Burr graduated from Princeton, as

	<p>did Michelle Obama, the former First Lady of the United States</p>
Rutgers University	<ul style="list-style-type: none"> • Founded in 1766 • Median starting salary of alumni \$53,300 • student-faculty ratio is 13:1 • 53% of full-time undergraduates receive some kind of need-based financial aid, and the average need-based scholarship or grant award is \$11,399. • More than 69,000 students • In the 2018 U.S. News & World Report ranking of American national universities (public and private), Rutgers is tied for 69th and among public universities ranked 25th. • \$658 million in annual research and development expenditures • More than 500,000 alumni worldwide • More than half of alumni live in New Jersey • \$608.7 million in annual sponsored research grants
New Jersey Institute of Technology	<ul style="list-style-type: none"> • Founded in 1881 • New Jersey Institute of Technology is ranked #140 in National Universities • Student-faculty ratio is 18:1 • Median starting salary of alumni \$58,900 • Total enrollments - 11,317 • 70 percent of full-time undergraduates receive some kind of need-based financial aid, and the average need-based scholarship or grant award is \$12,789. • The university awarded 2,951 degrees in 2017 including 1512 Bachelors, 1281 Masters, and 59 PhDs • In 2018 NJIT's Computer Information Systems program was ranked #1 in the country by college factual. • In early 2018 NJIT was ranked 9th among the 10 Best U.S. Colleges & Universities for Civil Engineering by Interesting Enineering.com • NJIT's R&D expenditures were \$131 million in 2016 and \$142 million in 2017 • NJIT's research expenditures totaled more than \$110 million in FY2015 • As of 2015, NJIT had 203 U.S. patents and 76 pending U.S. patent applications.
Stevens Institute of Technology	<ul style="list-style-type: none"> • Founded in 1870 • It is ranked #69 in National Universities • Student-faculty ratio is 10:1 • Fall 2016 acceptance rate 44% • Median starting salary of alumni \$67,000 • 64 percent of full-time undergraduates receive some kind of need-based financial aid, and the average need-based scholarship or grant award is \$12,278. • Two members of the Stevens community, have been awarded the Nobel Prize

Saint Peters University	<ul style="list-style-type: none"> • Founded in 1872 • It is ranked #97 in Regional Universities North • Student-faculty ratio is 13:1 • Median starting salary of alumni \$45,800 • The school is located on a 30-acre campus and is 2 miles west of New York City • Total enrollments 3,544 • 12 minutes by PATH train from New York City. • alumni body with more than 33,000
Fairleigh Dickinson University	<ul style="list-style-type: none"> • Founded in 1942 • FDU is ranked #64 in Regional Universities North. • Student-faculty ratio is 13:1 • Total enrollments 11,466 • Median starting salary of alumni \$46,400 • Fall 2016 acceptance rate 78% • 81 percent of full-time undergraduates receive some kind of need-based financial aid, and the average need-based scholarship or grant award is \$30,075.
Monmouth University	<ul style="list-style-type: none"> • Founded in 1933 • It is ranked #28 in Regional Universities North. • Student-faculty ratio is 13:1 • Median starting salary of alumni \$47,200 • 72 percent of full-time undergraduates receive some kind of need-based financial aid, and the average need-based scholarship or grant award is \$12,285. • Total enrollments 6,371