

CONSTRUCTION PROJECTS NEW JERSEY

Major Projects (5M+) 2015-20



New Jersey Fact Sheet, 2015-20 Pharmaceutical & Biotech Mfg and R&D

Number of Major Projects
(\$5+ million)

35

Major Project Valuation
(Any major project active
between 2015 and 2020)

**\$1.17
billion**

Total Construction Spending
(Capital and maintenance
expenditure, 2015-20)

**\$2.58
billion**

Largest Construction Projects, Pharmaceutical and Biotech Manufacturing and R&D, 2015-20

Project Owner	City	State	Years	Project Value
Merck and Company Incorporated Rahway MRL R&D/Prod Oncology, Diabetes, Small/Large Molecule Flex Center Add	Rahway	NJ	2019-22	\$290 million
Ferring Pharmaceuticals Incorporated Parsippany Infertility & Urology Biopharmaceutical Plant and Lab Addition	Parsippany	NJ	2013-15	\$135 million
Aurobindo Pharma USA Incorporated Dayton Solid Dose and Solutions Generics Plant & Distribution Addition	Dayton	NJ	2016-19	\$120 million
Teligent Incorporated Buena Topicals and Injectables CMO Plant Addition	Buena	NJ	2016-17	\$65 million
Patheon, By Thermo Fisher Scientific Princeton Cell Therapy Development and Manufacturing Collaboration Center Add	Princeton	NJ	2020-21	\$65 million
Biotrial S.A. Newark Grassroot Pharmacology Clinical Research CRO Center	Newark	NJ	2014-16	\$50 million
Bristol-Myers Squibb Company Lawrenceville Early Discovery Pharmaceutical R&D Buildings Addition	Lawrenceville	NJ	2018-20	\$50 million
Celularity Incorporated Florham Park Brownfield Clinical-Stage Cell and Gene Therapeutics Plant	Florham Park	NJ	2019-21	\$50 million
Aurolife Pharma LLC Dayton Multi-Dose Generics Plant Expansion	Dayton	NJ	2015-17	\$35 million
Rocket Pharmaceuticals Incorporated Cranbury Brownfield Gene Therapy Manufacturing Plant	Cranbury	NJ	2019-20	\$30 million
Wuxi Biologics USA, LLC Cranbury Brownfield Bulk Biologicals CMO Mfg #18 Plant	Cranbury	NJ	2020-21	\$30 million

NOTE: After receiving the data from Industrial Information Resources, it was discovered that one project in New Jersey was mistakenly included in the sample despite not meeting the specifications established in this study. This project was subsequently deleted from the calculations highlighting the number of projects and the value of these major projects. However, because it is not possible to simply subtract the project's contributions to IIR's spending and employment projections, the provided totals are likely slightly higher than the actual totals for the state in 2015. It is not expected that any such inflation would be significant given the size of the project and the fact that the project was only active for only three months in 2015 (i.e., the project was active from January 2013 through March 2015, with the first two years falling outside the scope of this study).

CONSTRUCTION EMPLOYMENT NEW JERSEY

Construction Labor Overview, 2015-20 Pharmaceutical & Biotech Mfg and R&D

5,243,687

Total Labor Hours

(14 trades; installation and maintenance)

2,563,414

Union Labor Hours (est.)

(State union % in non-residential = 48.9%)

\$94,308,010

Union Earnings (est.)

Industry Analysis: New Jersey

Pharmaceutical Manufacturing (2019) (NAICS = 325400)

Firms:
308

Employees:
24,715

Annual Wages:
\$3.84 billion

Data Sources

Pharmaceutical and biotech industry data (projects, spending, labor hours demanded) from Industrial Information Resources (IIR). State industry employment data from the Bureau of Labor Statistics (QCEW) using the North American Industry Classification System (NAICS). State union percent in non-residential construction calculated by dividing union members in construction (unionstats.com) by QCEW employment in non-residential construction firms in 2019 (assumes union density equals zero in residential construction). Note: Pharmaceutical manufacturing industry statistics (above) do not represent the entirety of the pharmaceutical and biotech industry featured in this study. Most significantly, in addition to NAICS 325400 ("Pharmaceutical Manufacturing"), other industry jobs comprise a subset of NAICS 541700 ("Scientific R&D Services"). Photo Credit: Google Earth.

New Jersey Construction Labor Hours by Trade, Pharmaceutical & Biotech Mfg and R&D, 2015-20

	Installation	Maintenance	Total
Boilermaker	34,135	29,862	63,998
Carpenter	145,315	243,233	388,548
Electrician	851,327	816,395	1,667,722
HVAC Installers	84,083	14,540	98,623
Instrumentation Tech	514,223	296,335	810,558
Insulator	75,811	71,645	147,456
Ironworker	74,028	234,804	308,832
Laborer	161,505	91,393	252,898
Millwright	117,897	269,723	387,621
Operator	186,031	68,755	254,786
Painting	26,870	67,792	94,662
Pipefitter	355,062	86,697	441,759
Scaffolding	61,553	47,202	108,755
Welder	52,505	164,965	217,470
Total	2,740,346	2,503,341	5,243,687