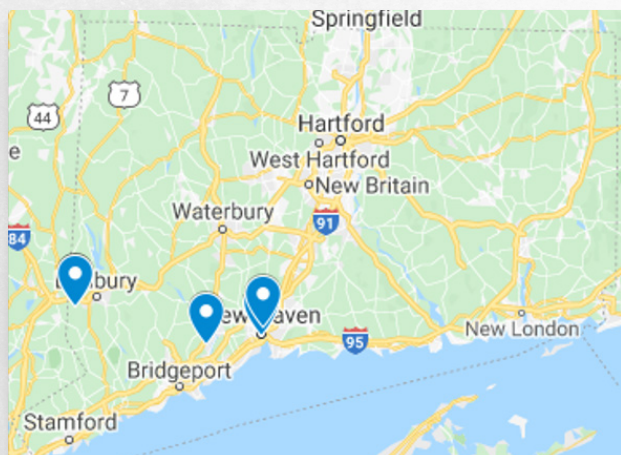


## CONSTRUCTION PROJECTS CONNECTICUT

### Major Projects (5M+) 2015-20



### Connecticut Fact Sheet, 2015-20 Pharmaceutical & Biotech Mfg and R&D

**Number of Major Projects**  
(\$5+ million)

**11**

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

**\$228  
million**

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

**\$436  
million**

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

Project Owner	City	State	Years	Project Value
<b>Winstanley Enterprises LLC</b> New Haven Grassroot Downtown Crossing Biomedical Research Building	New Haven	CT	2013-16	\$140 million
<b>Alexion Pharmaceuticals Incorporated</b> New Haven Biopharmaceutical R&D Laboratory Addition Build-Out	New Haven	CT	2013-16	\$30 million
<b>Nanoviricides Incorporated</b> Shelton Clinical-Scale Antivirals Plant Addition	Shelton	CT	2013-15	\$10 million
<b>Alexion Pharmaceuticals Incorporated</b> New Haven Biopharmaceutical R&D Laboratory Renovation	New Haven	CT	2020	\$10 million
<b>Halda Therapeutics</b> New Haven Brownfield Novel Therapeutics R&D Laboratory Tenant Fit-Out	New Haven	CT	2020-21	\$7 million
<b>Boehringer Ingelheim Pharmaceuticals Incorporated</b> Ridgefield Pharma Pilot-Scale R&D Center Critical Systems Upgrade	Ridgefield	CT	2020-21	\$6 million
<b>Boehringer Ingelheim Pharmaceuticals Incorporated</b> Ridgefield Pilot Scale Pharma Plant Rolling 3Q17 & 4Q17 Maintenance Program	Ridgefield	CT	2017	\$5 million
<b>Boehringer Ingelheim Pharmaceuticals Incorporated</b> Ridgefield Pilot Scale Pharma Plant Rolling 3Q18 & 4Q18 Maintenance Program	Ridgefield	CT	2018	\$5 million
<b>Boehringer Ingelheim Pharmaceuticals Incorporated</b> Ridgefield R&D Vivarium Revamp and Laboratory Renovation	Ridgefield	CT	2018-19	\$5 million
<b>Boehringer Ingelheim Pharmaceuticals Incorporated</b> Ridgefield Pilot Scale Pharma Plant Rolling 3Q19 & 4Q19 Maintenance Program	Ridgefield	CT	2019	\$5 million
<b>Boehringer Ingelheim Pharmaceuticals Incorporated</b> Ridgefield R&D and Pilot Scale API Plant Rolling 3Q20 & 4Q20 Maintenance Program	Ridgefield	CT	2020	\$5 million

# CONSTRUCTION EMPLOYMENT CONNECTICUT

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

**890,947**

### Total Labor Hours

(14 trades; installation and maintenance)

**292,113**

### Union Labor Hours (est.)

(State union % in non-residential = 32.8%)

**\$9,718,594**

### Union Earnings (est.)

### Industry Analysis: Connecticut

#### Pharmaceutical Manufacturing (2019)

(NAICS = 325400)

**Firms:**  
31

**Employees:**  
2,877

**Annual Wages:**  
\$441 million

#### 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.

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

	Installation	Maintenance	Total
<b>Boilermaker</b>	4,530	6,292	10,823
<b>Carpenter</b>	19,286	51,250	70,537
<b>Electrician</b>	112,989	172,019	285,008
<b>HVAC Installers</b>	10,954	3,047	14,001
<b>Instrumentation Tech</b>	68,248	62,439	130,688
<b>Insulator</b>	10,062	15,096	25,158
<b>Ironworker</b>	9,825	49,474	59,300
<b>Laborer</b>	21,435	19,257	40,692
<b>Millwright</b>	15,647	56,832	72,480
<b>Operator</b>	24,690	14,487	39,177
<b>Painting</b>	3,566	14,284	17,850
<b>Pipefitter</b>	47,124	18,267	65,392
<b>Scaffolding</b>	8,169	9,946	18,115
<b>Welder</b>	6,969	34,759	41,728
<b>Total</b>	<b>363,497</b>	<b>527,450</b>	<b>890,947</b>