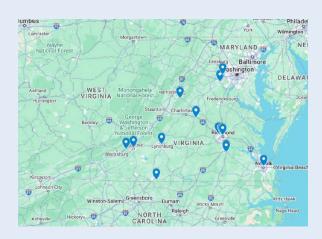


# VIRGINIA CONSTRUCTION PROJECTS

## Major Projects (\$5M+) 2019-2024



### Virginia Fact Sheet, 2019-2024

Pharmaceutical & Biotech Mfg and R&D

**Number of Major Projects** 

(\$5+ million)

26

**Major Project Valuation** 

(Any major project active between 2019 and 2024)

\$1.70 billion

**Total Construction Spending** 

(Capital and maintenance expenditure, 2019-2024)

\$1,83 billion

### Largest Construction Projects, Pharmaceutical and Biotech Manufacturing and R&D, 2019-2024

Elkton Elkton Petersburg Richmond	VA VA VA	2019-22 2016-20 2021-24	\$1,000 million \$168 million \$124.5 million
Petersburg Richmond	VA	2021-24	
Richmond			\$124.5 million
	VA		
n		2022-24	\$85 million
Troy	VA	2023-24	\$35 million
Manassas	VA	2024-25	\$35 million
<b>Richmond</b> CRO	VA	2021-22	\$32 million
<b>Petersburg</b> n/Reno	VA	2021-23	\$25 million
<b>Petersburg</b>	VA	2021-22	\$25 million
Richmond	VA	2019-20	\$18 million
F	froy  flanassas  Richmond  CRO  Petersburg  //Reno  Petersburg	Manassas VA Richmond VA CRO Petersburg VA V/Reno Petersburg VA	Troy VA 2023-24  Manassas VA 2024-25  Richmond VA 2021-22  CRO  Petersburg VA 2021-23  VReno  Petersburg VA 2021-22

# VIRGINIA CONSTRUCTION EMPLOYMENT

# Industry Analysis: VIRGINIA

# Pharmaceutical Manufacturing (2023)

(NAICS = 325400)

Firms:

233

**Employees:** 

2,743

**Annual Wages:** 

\$284 million

Wages per Employee:

\$103,669

#### **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 blue-collar QCEW employment in nonresidential construction firms in 2019 (assumes union density equals zero in residential construction; blue-collar percentage from NAICS=23 using the BLS Occupational Employment Statistics series). 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").

#### Construction Labor Overview, 2019-2024

Pharmaceutical & Biotech Mfg and R&D

**Total Labor Hours** 

(14 trades; installation and maintenance)

3,670,784

Union Labor Hours (est.)

(Estimated state union% in non-residential blue-collar construction trades = 50.7%)

271,959

Union Earnings (est.)

\$7,585,134

## Virginia Construction Labor Hours by Trade,

Pharmaceutical & Biotech Mfg and R&D, 2019-2024

	Installation	Maintenance	Total
Boilermaker	42,000	3,484	45,484
Carpenter	178,794	28,380	207,174
Electrician	1,047,462	95,257	1,142,719
HVAC Installers	110,488	1,670	112,158
Instrumentation Tech	632,694	34,576	667,270
Insulator	93,276	8,360	101,636
Ironworker	91,084	27,397	118,481
Laborer	198,714	10,664	209,378
Millwright	145,059	31,471	176,530
Operator	228,890	8,022	236,912
Painting	33,060	7,910	40,970
Plumber + Pipefitter	436,864	10,116	446,980
Scaffolding	75,734	5,507	81,242
Welder	64,602	19,248	83,850
Total	3,378,720	292,064	3,670,784

