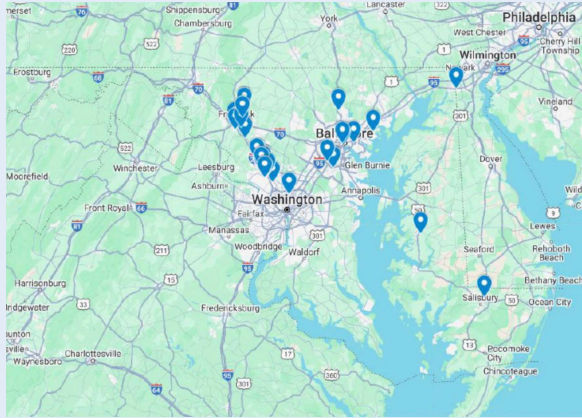


# MARYLAND CONSTRUCTION PROJECTS

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



## Maryland Fact Sheet, 2019-2024

Pharmaceutical & Biotech Mfg and R&D

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

**50**

**Major Project Valuation**  
(Any major project active between 2019 and 2024)

**\$2.86 billion**

**Total Construction Spending**  
(Capital and maintenance expenditure, 2019-2024)

**\$2.84 billion**

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

Project Owner	City	State	Years	Project Value
<b>MilliporeSigma, a Merck KGaA Company</b> Rockville Grassroot MRNA/Viral Vector/Therapeutics/APIS Analytical Testing CRO	Rockville	MD	2022-24	\$317.2 million
<b>AstraZeneca PLC</b> Rockville Brownfield Car-T Cell Therapies Manufacturing Facility	Rockville	MD	2024-26	\$300 million
<b>Catalent Pharma Solutions, Incorporated</b> Harmans/BWI Gene/Cell Therapy & Vaccines CDMO Viral Vector Suite Add	Harmans	MD	2022-23	\$230 million
<b>Emergent BioSolutions Incorporated</b> Baltimore Bayview Vaccine Bulk Covid-19 Plant Reno/Equipment Add	Baltimore	MD	2020-22	\$150 million
<b>GlaxoSmithKline PLC (GSK)</b> Rockville Biopharmaceutical Benlysta Raxibacumab Autoimmune Plant Retrofit	Rockville	MD	2017-19	\$139 million
<b>Catalent Pharma Solutions, Incorporated</b> Harmans/BWI Gene Therapy CDMO Campus Single-Use System 7565 Harmans Bwi-2 Add	Harmans	MD	2020-22	\$130 million
<b>Matan Incorporated</b> Gaithersburg Brownfield Progress Lab Biomanufacturing Campus Building 1	Gaithersburg	MD	2021-23	\$125 million
<b>Matan Incorporated</b> Gaithersburg Progress Lab Biomanufacturing Campus Building 2 Addition	Gaithersburg	MD	2021-23	\$125 million
<b>Kite, a Gilead Company</b> Frederick Grassroot Chimeric Antigen Receptor T (CAR T) Plant	Frederick	MD	2019-22	\$105 million
<b>Matan Incorporated</b> Frederick Grassroot "Progress Labs At Center 85" Biomfg Complex Phase I	Frederick	MD	2021-22	\$100 million

# MARYLAND CONSTRUCTION EMPLOYMENT

## Industry Analysis: MARYLAND

**Pharmaceutical  
Manufacturing (2023)**  
(NAICS = 325400)

**Firms:**  
179

**Employees:**  
10,762

**Annual Wages:**  
\$1.89 billion

**Wages per Employee:**  
\$175,951

### 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) **5,704,950**

**Union Labor Hours (est.)**  
(Estimated state union% in non-residential blue-collar construction trades = 50.7% ) **1,353,157**

**Union Earnings (est.)** **\$55,171,731**

## Maryland Construction Labor Hours by Trade, Pharmaceutical & Biotech Mfg and R&D, 2019-2024

	Installation	Maintenance	Total
<b>Boilermaker</b>	<b>61,964</b>	<b>8,597</b>	<b>70,561</b>
<b>Carpenter</b>	<b>263,783</b>	<b>70,027</b>	<b>333,810</b>
<b>Electrician</b>	<b>1,545,370</b>	<b>235,040</b>	<b>1,780,410</b>
<b>HVAC Installers</b>	<b>162,525</b>	<b>4,121</b>	<b>166,646</b>
<b>Instrumentation Tech</b>	<b>933,443</b>	<b>85,315</b>	<b>1,018,758</b>
<b>Insulator</b>	<b>137,615</b>	<b>20,627</b>	<b>158,242</b>
<b>Ironworker</b>	<b>134,380</b>	<b>67,600</b>	<b>201,980</b>
<b>Laborer</b>	<b>293,172</b>	<b>23,312</b>	<b>319,484</b>
<b>Millwright</b>	<b>213,013</b>	<b>77,653</b>	<b>291,666</b>
<b>Operator</b>	<b>337,692</b>	<b>19,795</b>	<b>357,487</b>
<b>Painting</b>	<b>78,775</b>	<b>19,517</b>	<b>68,292</b>
<b>Plumber + Pipefitter</b>	<b>644,526</b>	<b>24,960</b>	<b>669,486</b>
<b>Scaffolding</b>	<b>111,734</b>	<b>13,589</b>	<b>125,324</b>
<b>Welder</b>	<b>95,310</b>	<b>47,493</b>	<b>142,804</b>
<b>Total</b>	<b>4,984,302</b>	<b>720,648</b>	<b>5,704,950</b>