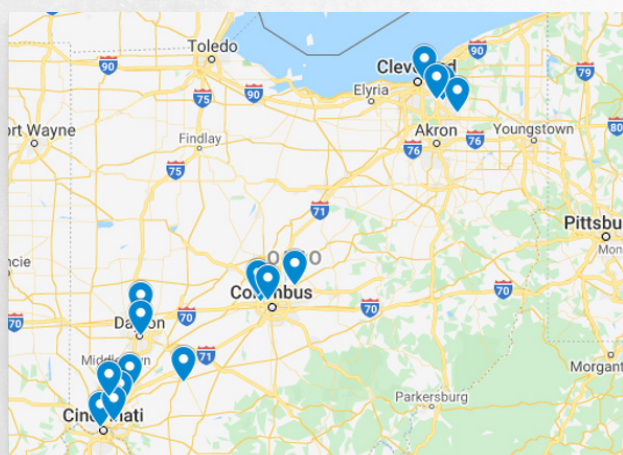


## Major Projects (5M+) 2015-20



## Ohio Fact Sheet, 2015-20

### Pharmaceutical & Biotech Mfg and R&D

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

**19**

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

**\$711  
million**

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

**\$1.06  
billion**

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

Project Owner	City	State	Years	Project Value
<b>Andelyn Biosciences</b> Columbus Grassroot Gene Therapy Manufacturing Plant	<b>Columbus</b>	<b>OH</b>	<b>2020-22</b>	<b>\$200 million</b>
<b>American Regent, Incorporated</b> New Albany Generic Injectable CMO Plant Expansion	<b>New Albany</b>	<b>OH</b>	<b>2018-19</b>	<b>\$145 million</b>
<b>Alkermes Incorporated plc</b> Wilmington Central Nervous System Disorder Therapeutics Plant Addition	<b>Wilmington</b>	<b>OH</b>	<b>2018-19</b>	<b>\$80 million</b>
<b>Xellia Pharmaceuticals USA LLC</b> Bedford Generic Sterile Injectables Fit-Up, Renovation Plant Addition	<b>Bedford</b>	<b>OH</b>	<b>2016-18</b>	<b>\$50 million</b>
<b>Community Blood and Tissue Services</b> Kettering Human Tissue Grafts Plant Addition Phase II	<b>Kettering</b>	<b>OH</b>	<b>2018-20</b>	<b>\$50 million</b>
<b>Amylin Pharmaceuticals Incorporated</b> West Chester API Bulk 3 Unit Addition	<b>West Chester</b>	<b>OH</b>	<b>2014-15</b>	<b>\$35 million</b>
<b>Aprecia Pharmaceuticals Company</b> Blue Ash Pharmaceutical Zipdose Oral Single Dose Plant Retrofit	<b>Blue Ash</b>	<b>OH</b>	<b>2015</b>	<b>\$25 million</b>
<b>VWR Life Science</b> Solon Diagnostic Reagents CMO and Distribution Plant Addition & Fit-Up	<b>Solon</b>	<b>OH</b>	<b>2015-16</b>	<b>\$20 million</b>
<b>Masters Drug Company</b> Mason Pharmaceutical Distribution and Warehouse Center Addition	<b>Mason</b>	<b>OH</b>	<b>2015-16</b>	<b>\$16 million</b>
<b>Hikma Pharmaceuticals USA Incorporated</b> Columbus Generic Liquid & Oral Solid Dose CMO Packaging Building 37 Addition	<b>Columbus</b>	<b>OH</b>	<b>2016-18</b>	<b>\$15 million</b>
<b>Aprecia Pharmaceuticals Company</b> Blue Ash Pharmaceutical Oral Single Dose "Zipdose" Plant Equipment Addition	<b>Blue Ash</b>	<b>OH</b>	<b>2016-17</b>	<b>\$15 million</b>

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

2,144,427

**Total Labor Hours**

(14 trades; installation and maintenance)

702,648

**Union Labor Hours (est.)**

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

\$20,271,385

**Union Earnings (est.)****Industry Analysis:  
Ohio****Pharmaceutical  
Manufacturing (2019)**  
(NAICS = 325400)**Firms:**  
75**Employees:**  
5,622**Annual Wages:**  
\$473 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.

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

	Installation	Maintenance	Total
<b>Boilermaker</b>	16,619	9,651	26,271
<b>Carpenter</b>	70,749	78,611	149,360
<b>Electrician</b>	414,483	263,854	678,337
<b>HVAC Installers</b>	42,101	4,714	46,815
<b>Instrumentation Tech</b>	250,359	95,773	346,132
<b>Insulator</b>	36,910	23,155	60,065
<b>Ironworker</b>	36,042	75,887	111,929
<b>Laborer</b>	78,632	29,538	108,169
<b>Millwright</b>	57,400	87,173	144,573
<b>Operator</b>	90,572	22,221	112,794
<b>Painting</b>	13,082	21,910	34,992
<b>Pipefitter</b>	172,868	28,020	200,888
<b>Scaffolding</b>	29,968	15,255	45,224
<b>Welder</b>	25,563	53,316	78,879
<b>Total</b>	<b>1,335,349</b>	<b>809,078</b>	<b>2,144,427</b>