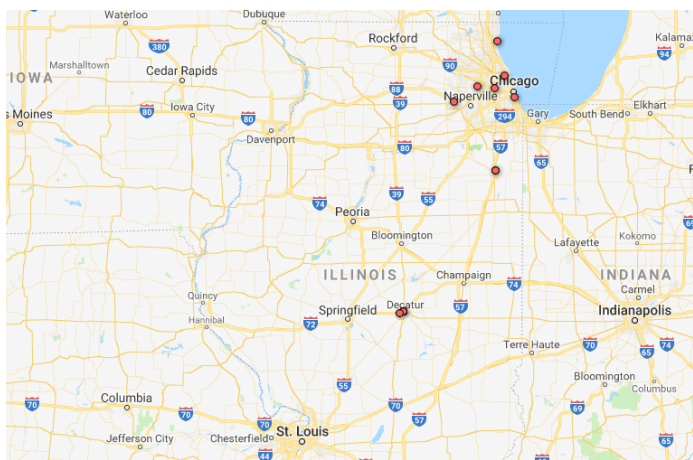


Illinois

Construction Projects

Major Projects (\$5M+), 2012-17



Illinois Fact Sheet, 2012-17

Pharmaceutical & Biotech Manufacturing

Number of Major Projects
(\$5+ million) **11**

Major Project Valuation
(Any major project active between 2012 and 2017) **\$724 million**

Total Construction Spending
(Capital and maintenance expenditure, 2012-17) **\$886 million**

Largest Construction Projects, Pharmaceutical and Biotech Manufacturing, 2012-2017

Project Owner	City	State	Years	Project Value (in \$ millions)
Fresenius Kabi USA LLC Melrose Park Generic Injectables Production and Fill Finish Plant Expansion	Melrose Park	IL	2017-2022	\$250.0
CSL Behring LLC Bradley Kankakee Plasma Protein Fractionation Plant Addition	Bradley	IL	2015-2018	\$240.0
CSL Behring LLC Bradley Kankakee Plasma Proteins Plant Expansion	Bradley	IL	2012-2013	\$150.0
Akorn Incorporated Decatur Pilot-Scale & Lab Ophthalmic Liquids & Sterile Injectables Plant Add	Decatur	IL	2016-2018	\$25.0
Akorn Incorporated Decatur Ophthalmic Liquids & Sterile Injectables CMO Plant Renovation/Upfit	Decatur	IL	2014-2015	\$18.0
AbbVie Incorporated North Chicago Chemicals APIS R&D Plant Bldg R13 QA & MST Lab Renovations	North Chicago	IL	2014-2015	\$10.0
Adello Biologics, LLC Chicago Biosimilar APIS Plant Expansion	Chicago	IL	2011-2012	\$8.0
Nutrivo LLC Aurora Nutritional Powders CMO Plant Expansion	Aurora	IL	2017-2018	\$6.5
Akorn Incorporated Decatur Generic Aseptic Liquids Warehouse and Packaging Warehouse Addition	Decatur	IL	2016-2017	\$6.0
Vetter Pharma-Fertigung GmbH & Co KG Skokie CMO/CRO Syringe Filling Line Addition	Skokie	IL	2013-2014	\$5.0

Illinois

Construction Employment



Union Labor & Earnings, 2012-17

Pharmaceutical & Biotech

Labor Hours Demanded
(14 trades, installation and maintenance) **1.8 million**

Union Labor Hours (est.)
(State union % in non-residential = 57.5%) **1.0 million**

Average Union Wage
(Union construction workers, 2017 dollars) **\$30.73**

Total Union Earnings (est.)
(Union hours times average wage) **\$31.9 million**

Illinois Construction Labor Hours by Trade, Pharmaceutical & Biotech, 2012-17

	Installation	Maintenance	Total
Boilermaker	12,598	9,436	22,034
Carpenter	53,628	76,860	130,489
Electrician	314,182	257,976	572,158
HVAC Installers	32,520	4,605	37,125
Instrumentation Tech	189,774	93,640	283,414
Insulator	27,978	22,640	50,617
Ironworker	27,320	74,197	101,517
Laborer	59,604	28,880	88,483
Millwright	43,510	85,231	128,741
Operator	68,655	21,726	90,381
Painting	9,916	21,422	31,338
Plumber + Pipefitter	131,036	27,396	158,431
Scaffolding	22,716	14,915	37,632
Welder	19,377	52,128	71,505
	1,012,813	791,053	1,803,866



Bradley, IL - CSL Behring LLC, Bradley Kankakee Plasma Protein Plant
(\$150 million expansion in 2012-13, \$240 million addition in 2015-18)

Industry Analysis: Illinois



Pharmaceutical Manufacturing (2017) (NAICS = 325400)

Firms **182**
Employees **19,778**
Annual Wages **\$3.3 billion**

Data Sources:

Pharmaceutical and biotech industry data (projects, spending, labor hours demanded) from Industrial Information Resources (IIR). Average hourly wage for union construction workers from the Current Population Survey. State industry employment data from the Bureau of Labor Statistics (QCEW) using the North American Industry Classification System (NAICS). 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: US Geological Survey.