

CONSTRUCTION PROJECTS OREGON

Major Projects (5M+) 2015-20



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

Number of Major Projects
(\$5+ million)

5

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

**\$361
million**

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

**\$408
million**

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

Project Owner	City	State	Years	Project Value
Genentech (Roche USA) Incorporated Hillsboro Biopharmaceutical Fill/Finish-Technical OPS Plant "Inest" Building Add	Hillsboro	OR	2019-21	\$170 million
Genentech (Roche USA) Incorporated Hillsboro Biotherapeutic Fill/Finish Plant Life Bldg 2 Production Suite Addition	Hillsboro	OR	2016-17	\$125 million
Bend Research, a division of Capsugel Bend Solid Oral Dose and HPAPI Development Plant Addition	Bend	OR	2017-19	\$35 million
Bend Research, a division of Capsugel Bend Pilot-Scale Solid Oral Dose CMO Plant Expansion	Bend	OR	2014-15	\$25 million
Patheon, By Thermo Fisher Scientific Bend Pre-Clinical Oral, Solids, Capsules, Liquid CDMO Spray Drying Line Add+Reno	Bend	OR	2016-18	\$5.7 million

CONSTRUCTION EMPLOYMENT OREGON

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

819,316

Total Labor Hours

(14 trades; installation and maintenance)

262,175

Union Labor Hours (est.)

(State union % in non-residential = 32.0%)

\$9,304,598

Union Earnings (est.)

Industry Analysis: Oregon

Pharmaceutical Manufacturing (2019) (NAICS = 325400)

Firms:
60

Employees:
1,114

Annual Wages:
\$62 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.

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

	Installation	Maintenance	Total
Boilermaker	8,732	1,410	10,143
Carpenter	37,172	11,489	48,661
Electrician	217,774	38,561	256,335
HVAC Installers	21,609	665	22,274
Instrumentation Tech	131,541	13,997	145,538
Insulator	19,393	3,384	22,777
Ironworker	18,937	11,091	30,027
Laborer	41,314	4,317	45,631
Millwright	30,159	12,740	42,899
Operator	47,588	3,248	50,835
Painting	6,873	3,202	10,075
Pipefitter	90,827	4,095	94,922
Scaffolding	15,746	2,229	17,975
Welder	13,431	7,792	21,223
Total	701,096	118,220	819,316