

Biopharmaceutical Sector Impact on the U.S. Economy



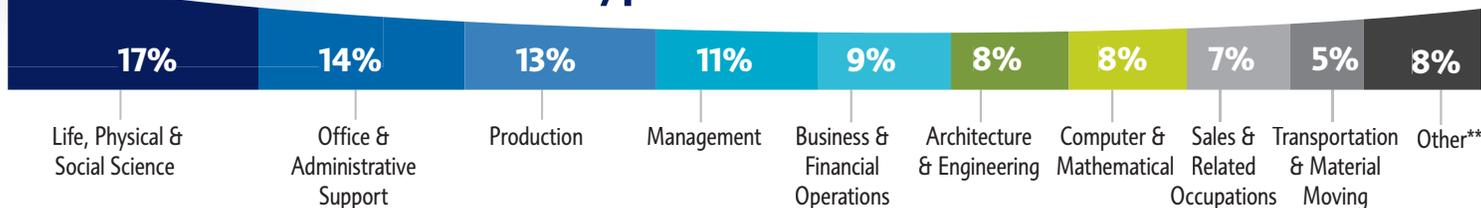
813,523 Direct Jobs

The Biopharmaceutical sector directly supported more than 810,000 U.S. jobs in 2011. These jobs are often high-skill, high-wage professions.

3,363,347 Total Jobs

The industry also supported another 2.5 million jobs outside the biopharmaceutical sector, for a total of about 3.4 million jobs. These additional jobs are with vendors and suppliers such as construction companies and I.T. companies, and jobs generated by the sector's employees such as day care centers and restaurants.

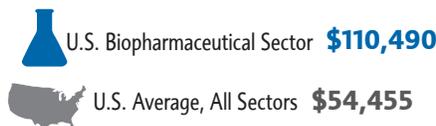
Types of Direct Jobs



Total Personal Taxes Supported \$42B

Workers whose jobs were supported by the biopharmaceutical sector paid a total of \$42 billion in personal taxes in 2011—\$36 billion in federal taxes and \$6 billion in state taxes. \$17 billion of the \$42 billion was paid by workers in the direct biopharmaceutical sector.

Compensation per Direct U.S. Employee



Average wages and benefits for direct biopharmaceutical sector workers were more than twice the overall U.S. average, an indication of the high-quality jobs the biopharmaceutical industry provides to U.S. workers.

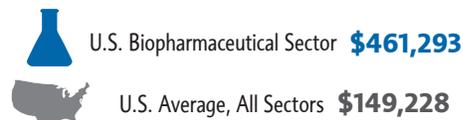
Total Direct Compensation \$90B

Wages and benefits (total compensation) totaled \$90 billion in 2011 for direct biopharmaceutical sector workers, and \$225 billion for all workers whose jobs were supported by the sector.

Economic Output Supported

Economic output represents the value of the goods and services produced by a sector. In 2011 the biopharmaceutical sector supported \$789 billion in U.S. economic output—including \$375 billion generated directly by the sector, and another \$414 billion through its vendors and suppliers and through the economic activity of its workforce.

Direct Output per Direct Employee



The biopharmaceutical sector's high output per employee, a measure of productivity, indicates the sector's important contribution to U.S. economic competitiveness and its potential to drive economic growth.

\$375B
DIRECT

\$414B
INDIRECT

**\$789B in Total
Economic Output in U.S.**

*Types of direct biopharmaceutical jobs in U.S. are for 2012. All other estimates are for 2011.

**Other occupations include areas such as Installation, Maintenance, & Repair (2%), Healthcare Practitioners (2%), Arts, Design, & Media (1%), and Building & Grounds Maintenance (1%), among others.