

BIOPHARMACEUTICAL SECTOR IMPACT ON MICHIGAN'S ECONOMY



Biopharmaceutical Sector Supported Jobs in Michigan

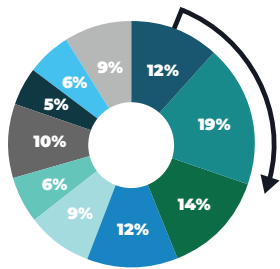
15,982
Direct Sector Jobs



70,503
Jobs Supported in
Other Sectors



86,485
Total Jobs



Variety of Jobs in Michigan's Biopharmaceutical Sector

- Life, Physical and Social Science **STEM**
- Architecture and Engineering **STEM**
- Production
- Office and Administrative Support
- Management
- Business and Financial Operations
- Sales and Related
- Computer and Mathematical **STEM**
- Transportation and Material Moving
- Other*

Biopharmaceutical Sector's Contribution to Michigan's Economy



ECONOMIC OUTPUT

\$22.8B

Total Value of Goods and Services Supported by Biopharmaceutical Sector



REVENUE GENERATED

\$1.3B

Total State and Federal Taxes Paid



EMPLOYEE PRODUCTIVITY

\$663,640

Per Employee in Direct Biopharmaceutical Sector Jobs

VERSUS

\$179,652

Per Employee Across All Michigan Jobs



AVERAGE COMPENSATION

\$109,940

Per Employee in Direct Biopharmaceutical Sector Jobs

VERSUS

\$56,810

Per Employee Across All Michigan Jobs

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

Source: TEconomy Partners, The Economic Impact of the Biopharmaceutical Industry: U.S. and State Estimates. Report prepared for PhRMA in September 2019 and reflects 2017 data.