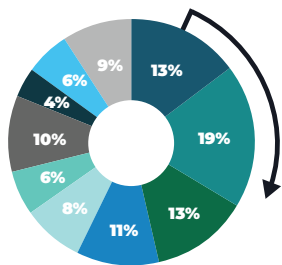


BIOPHARMACEUTICAL SECTOR IMPACT ON MINNESOTA'S ECONOMY



Biopharmaceutical Sector Supported Jobs in Minnesota

7,600 Direct Sector Jobs + 32,511 Jobs Supported in Other Sectors = **40,111** Total Jobs



Variety of Jobs in Minnesota's Biopharmaceutical Sector

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

Biopharmaceutical Sector's Contribution to Minnesota's Economy



ECONOMIC OUTPUT

\$9.8B

Total Value of Goods and Services Supported by Biopharmaceutical Sector



REVENUE GENERATED

\$661M

Total State and Federal Taxes Paid



EMPLOYEE PRODUCTIVITY

\$503,821

Per Employee in Direct Biopharmaceutical Sector Jobs

VERSUS

\$174,171

Per Employee Across All Minnesota Jobs



AVERAGE COMPENSATION

\$113,216

Per Employee in Direct Biopharmaceutical Sector Jobs

VERSUS

\$60,853

Per Employee Across All Minnesota 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.