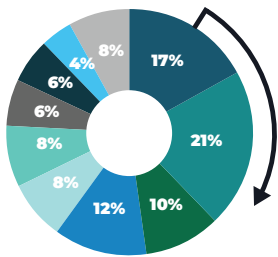


BIOPHARMACEUTICAL SECTOR IMPACT ON IOWA'S ECONOMY



Biopharmaceutical Sector Supported Jobs in Iowa

5,590 Direct Sector Jobs + 16,225 Jobs Supported in Other Sectors = **21,815** Total Jobs



Variety of Jobs in Iowa's Biopharmaceutical Sector

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

Biopharmaceutical Sector's Contribution to Iowa's Economy



ECONOMIC OUTPUT

\$5.9B

Total Value of Goods and Services Supported by Biopharmaceutical Sector



REVENUE GENERATED

\$286M

Total State and Federal Taxes Paid



EMPLOYEE PRODUCTIVITY

\$584,377

Per Employee in Direct Biopharmaceutical Sector Jobs

VERSUS

\$186,842

Per Employee Across All Iowa Jobs



AVERAGE COMPENSATION

\$105,293

Per Employee in Direct Biopharmaceutical Sector Jobs

VERSUS

\$52,177

Per Employee Across All Iowa 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.