

BIOPHARMACEUTICAL SECTOR IMPACT ON CALIFORNIA'S ECONOMY



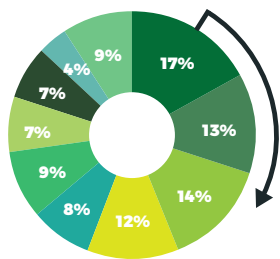
Biopharmaceutical Sector Supported Jobs in California

130,958 + **764,855** = **895,813**

Direct Sector Jobs

Indirect Sector Jobs

Total Jobs



Variety of Jobs in California's Biopharmaceutical Sector

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

Biopharmaceutical Sector's Contribution to California's Economy

ECONOMIC OUTPUT



\$260.9B

Total Value of Goods and Services Supported by Biopharmaceutical Sector

EMPLOYEE PRODUCTIVITY

\$838,700

Per Employee in Direct Biopharmaceutical Sector Jobs

vs

\$180,157

Per Employee Across All California Job Sectors

REVENUE GENERATED



\$16.9B

Total State and Federal Taxes Paid

AVERAGE COMPENSATION

\$161,236

Per Employee in Direct Jobs in the Biopharmaceutical Sector

vs

\$66,373

Per Employee Across All California 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 November 2017 and reflects 2015 data.