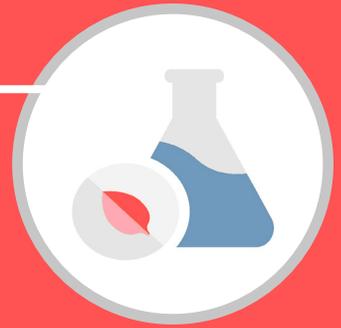


BIOSCIENCE IN COLORADO

Colorado is home to a thriving bioscience hub and is the life science center for the Rocky Mountain region. Leading research institutions, an abundance of scientific talent, and a critical mass of bioscience companies foster collaboration, innovation, and growth of technologies that save and enhance lives.



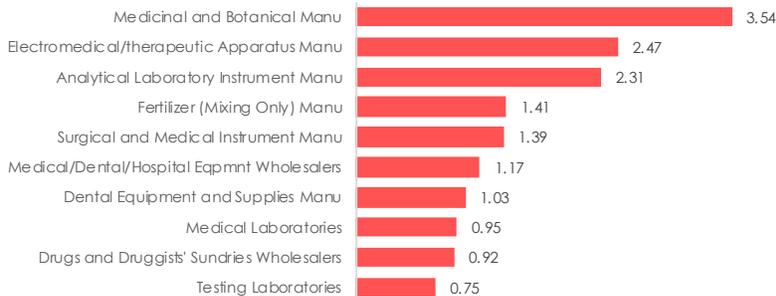
Bioscience in Colorado generated **\$7.8 B** in output, 2% of the state GDP of \$390 B in 2019. Given this industry's share of national employment, this sized GDP should result in **\$7.5 B** in bioscience output.



1.0
TIMES DENSER THAN USA

SUB-SECTOR DENSITY

Location Quotient (LQ): share of employment in Colorado vs share in US, 2019
(>1 means denser than US | =1 means equal density | <1 means less dense)

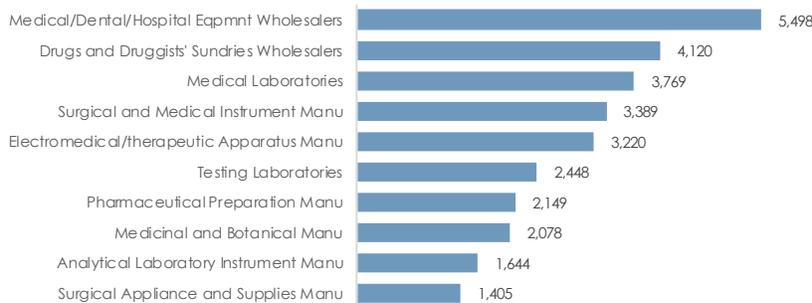


2,500
COMPANIES

31,600
EMPLOYEES

SUB-SECTOR EMPLOYMENT

Count of workers employed in Colorado, 2019



34%
JOB GROWTH 2010-2019

\$12.3 B
ANNUAL SALES

The charts above show the top 10 sub-sectors* (by industry density and total employment) of the 20 used to define Colorado Bioscience. As they reveal, 7 of the sub-sectors that make up this industry in our state are more concentrated than the nation, and 10 employ more than 1,000 workers.

DATA SOURCES (FRONT & BACK): EMSI, BEA, CENSUS, BLS, WISERTRADE, FDI MARKETS, OEDIT CALCULATIONS
*SUB-SECTORS ALIGN WITH 6-DIGIT NORTH AMERICAN INDUSTRIAL CLASSIFICATION SYSTEM (NAICS) CODES

MAJOR BIOSCIENCE COMPANIES



TERUMOBCT
Unlocking the Potential of Blood



BIOSCIENCE TRADE 2019



TOP EXPORT PARTNERS

1. CANADA (15%)
2. SWITZERLAND (9%)
3. CHINA (9%)
4. BELGIUM (6%)
5. NETHERLANDS (6%)

TOP IMPORT PARTNERS

1. SWITZERLAND (24%)
2. AUSTRALIA (16%)
3. CHINA (7%)
4. GERMANY (7%)
5. CANADA (6%)

BIOSCIENCE FOREIGN DIRECT INVESTMENT

TOP COUNTRIES STARTING OPERATIONS IN COLORADO BIOSCIENCE 2010-2019

1. CANADA (AGRIUM, INCOCUCOR)
2. IRELAND (MEDTRONIC, COVIDIEN)
3. UK (ILLINGWORTH RESEARCH)
4. LUXEMBOURG (CORDEN PHARMA)
5. JAPAN (TERUMO BCT)

FOR MORE INFORMATION:
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COLORADO

Office of Economic Development
& International Trade

COLORADO COMPANY PROFILES

The Colorado bioscience industry contains large and small companies working together in the pursuit of advanced scientific solutions to issues in pharmaceutical therapies, medical devices, and crop cultivation, among other fields.



MEDTRONIC

Medtronic is a Global 500 (#419) medical device company that employs over 90,000 workers in more than 150 countries. It has 8 locations along the Front Range in Colorado, which develop and manufacture the company's neurosurgery and enabling technologies.



DAVITA

Davita is a Denver-HQed kidney dialysis service provider with 2,000 employees in our state. Ranked #188 on the Fortune 500, it has 2,665 outpatient centers in the US and 241 in 10 other countries. In 2018, DaVita was globally recognized as a member of the Bloomberg Gender Equality Index.



TOLMAR PHARMACEUTICALS

Tolmar is a fully-integrated pharmaceutical company focused on the innovative development, approval, manufacturing, and commercialization of specialty pharmaceuticals. Tolmar global HQ, product development, and manufacturing facilities are based in northern Colorado.



SOMALOGIC

Boulder-based developers of a blood protein sampling and health analytics technology, SomaLogic aims to improve the well-being of individuals through enhanced detection and diagnosis. The company has partnered with Novartis, Quest Diagnostics, and Oxford University, among others.



SPECTRANETICS CORPORATION

Founded in 1984 and HQed in Colorado Springs, Spectranetics is a health technology company that specializes in vascular intervention and lead management solutions. In 2017, Royal Philips acquired Spectronics. The merger is one of several additions to Philip's Image-Guided Therapy Business Groups.



TERUMO BCT

Subsidiary of Japanese Terumo Group, Terumo BCT provides instruments for blood collection and processing, cell therapy, and therapeutic plasma exchange. The company is HQed in Lakewood, Colorado and employs roughly 2,700 in the state. It serves patients in over 130 countries.