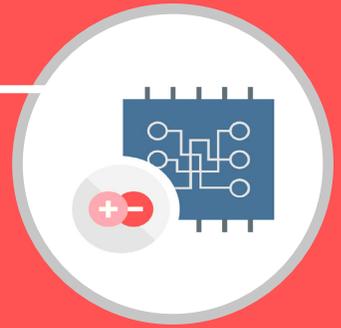
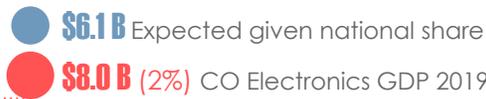


ELECTRONICS IN COLORADO

R&D, design, and production of electronics has been a driving economic force in Colorado for decades and has supported the growth of a local web of other high-tech industries, including aerospace, bioscience, and renewable energy. The industry is poised for further growth as Colorado companies drive technological advancements around the world.

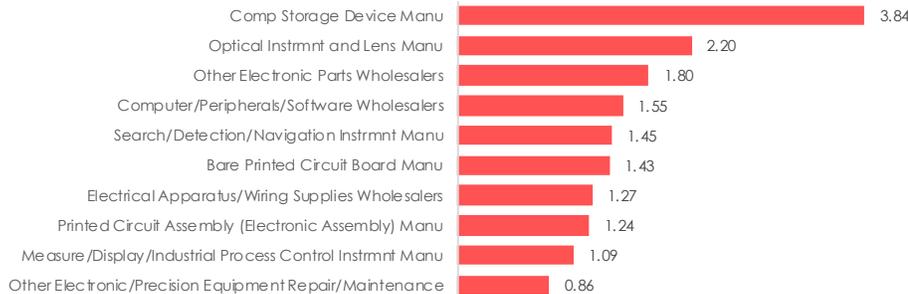


Electronics in Colorado generated **\$8 B** in output, 2% of the state GDP of \$390 B in 2019. Given this industry's share of national employment, this sized GDP should result in **\$6.1 B** in electronics output.



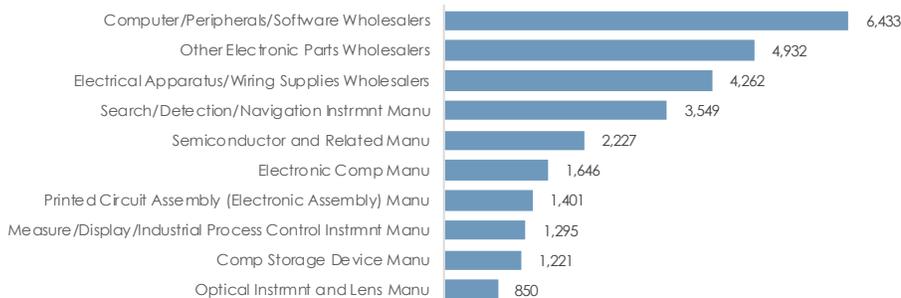
SUB-SECTOR DENSITY

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)



SUB-SECTOR EMPLOYMENT

Count of workers employed in Colorado, 2019



The charts above show the top 10 sub-sectors* (by industry density and total employment) of the 18 used to define Colorado Electronics. As they reveal, 9 of the sub-sectors that make up this industry in our state are more concentrated than the nation, and 9 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

1.2

TIMES DENSER THAN USA

2,100
COMPANIES

30,400
EMPLOYEES

22%

JOB GROWTH 2010-2019

\$12.6 B
ANNUAL SALES

MAJOR ELECTRONICS COMPANIES



ELECTRONICS TRADE 2019



TOP EXPORT PARTNERS

1. MALAYSIA (19%)
2. CHINA (9%)
3. TAIWAN (7%)
4. CANADA (6%)
5. PHILIPPINES (6%)

TOP IMPORT PARTNERS

1. MEXICO (25%)
2. TAIWAN (12%)
3. AUSTRALIA (11%)
4. CHINA (10%)
5. MALAYSIA (6%)

ELECTRONICS FOREIGN DIRECT INVESTMENT

TOP COUNTRIES STARTING OPERATIONS IN COLORADO ELECTRONICS 2010-2019

1. GERMANY (BECKHOFF, LIMTRONIK)
2. JAPAN (PANASONIC, MURATA)
3. AUSTRIA (INDECT ELECTRONICS)
4. CANADA (CREATION TECH)
5. INDIA (VIKRAM)

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COLORADO

Office of Economic Development
& International Trade

COLORADO COMPANY PROFILES

The Colorado electronics industry contains global behemoths and boutique small businesses alike. The unifying theme of this strong and diverse ecosystem: excellence and innovation to improve the future.



MICROCHIP TECHNOLOGY INC

HQed in Arizona, this semiconductor and microcontroller manufacturer acquired rival Atmel's 1,000-employee fab in Colorado Springs in 2016. Microchip is planning to invest \$10 million to upgrade technology at the plant and to focus on high-tech automotive, military, and aerospace products.



ARROW ELECTRONICS

This Colorado HQ-ed public electronics wholesaler ranked #109 on the Fortune 500 in 2019 (#421 globally), with almost \$30 billion in revenue and over 20,000 employees worldwide (with about 2,000 in CO). Arrow cited CO's central location and university system when selecting the global HQ.



COBHAM ADVANCED ELECTRONIC SOLUTIONS

Cobham supplies a variety of mission-critical specialized communications solutions from its offices throughout the US, UK, and Sweden. In Colorado Springs, the company provides high resolution and radiation-hardened integrated chip design, testing, and production.



INTEL CORPORATION

Intel reached #46 on the Fortune 500 in 2019 (#136 globally) with revenue exceeding \$70 billion and a workforce exceeding 100,000. In Colorado, Intel employs 600 workers in Ft Collins and Longmont to design, engineer, and develop analog and digital IP cores and systems on chips.



PIVOT3

In 2016, NextGen Storage, a data storage device manufacturer in Louisville, Colorado, merged with Texas-based Pivot3. The new company retained the "Pivot3" name and seeks to be a leading supplier of solutions in the emerging virtualized, software-defined data center market.



CIRCUITS WEST INC

Based in Longmont, Colorado, Circuits West specializes in custom design, prototype testing, and production of printed circuit boards (PCBs). All of its PCBs are manufactured to IPC-A-600F specification Class 2+, and can be designed in multi-layer (up to 18) or double-sided configurations.