

AEROSPACE IN COLORADO

Brookings recently stated that Colorado possesses "one of the most diversified, multidimensional, and high-potential space economies in the nation." Colorado is a thriving aerospace hub that includes companies developing a complete spectrum of products and systems for commercial, military, and civil space applications. Our world would not be the same without it.

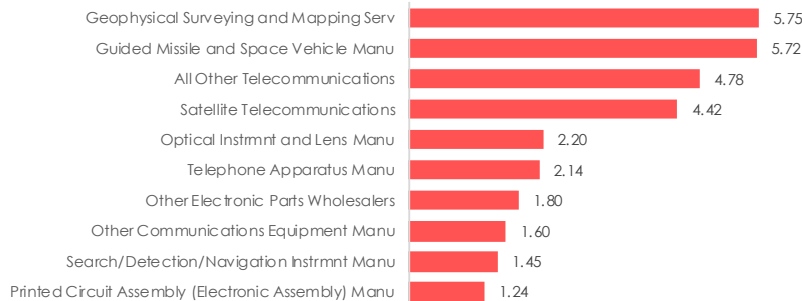


Aerospace in Colorado generated **\$6.8 B** in output, 1.7% of the state GDP of \$390 B in 2019. Given this industry's share of national employment, this sized GDP should result in **\$6.0 B** in aerospace output.



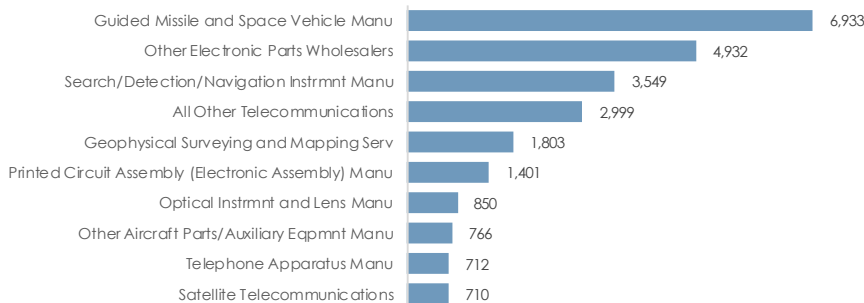
SUB-SECTOR DENSITY

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 20 used to define Colorado Aerospace. Ten of the sub-sectors that make up this industry in our state are more concentrated than the nation, and 6 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

1.3

TIMES DENSER THAN USA

1,000
COMPANIES

27,600
EMPLOYEES

23%

JOB GROWTH 2010-2019

\$12.3 B
ANNUAL SALES

MAJOR AEROSPACE COMPANIES



THE VALUE OF PERFORMANCE
NORTHROP GRUMMAN



AEROSPACE TRADE 2019



TOP EXPORT PARTNERS

1. MALAYSIA (18%)
2. CANADA (7%)
3. CHINA (7%)
4. MEXICO (6%)
5. PHILIPPINES (6%)

TOP IMPORT PARTNERS

1. SWITZERLAND (15%)
2. CHINA (11%)
3. TAIWAN (11%)
4. AUSTRALIA (10%)
5. MALAYSIA (6%)

AEROSPACE FOREIGN DIRECT INVESTMENT

TOP COUNTRIES STARTING OPERATIONS IN COLORADO AEROSPACE 2010-2019

1. SWITZERLAND (PILATUS AIRCRAFT)
2. SINGAPORE (ASTROSCALE)
3. CANADA (TRAXXALL TECH)
4. NETHERLANDS (AIRBUS)
5. FRANCE (DELTA DRONE)

FOR MORE INFORMATION:
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COLORADO

Office of Economic Development
& International Trade

COLORADO COMPANY PROFILES

The Colorado aerospace industry includes such a wide variety of applications that it is often difficult to capture its full extent. One thing is clear: we have the densest and most varied aerospace industry in the US. Here are some of our main contributors:



BALL AEROSPACE & TECHNOLOGIES CORPORATION

Ball Aerospace began when the Ball Corporation founded a research division with the help of University of Colorado physicists in 1956. The company, HQ'd in Colorado, has made key contributions to space research, including confirming the existence of holes in the ozone layer.



LOCKHEED MARTIN

Global defense contractor Lockheed Martin has maintained substantial operations in Colorado for over 60 years, building the Atlas rocket, Trident missile, and A2100 communications satellites in Littleton. In January 2020, Lockheed delivered the JCSAT-17 satellite to Japanese telecom giant, SJC.



UNITED LAUNCH ALLIANCE

United Launch Alliance was formed in 2006 as a joint venture between Lockheed Martin Space Systems and Boeing Defense, Space & Security. HQ'd in Denver, the company has successfully delivered more than 100 satellites to orbit that provide critical GPS and information capabilities.



HARRIS CORPORATION

Harris is a global aerospace and defense technology company that specializes in surveillance solutions, microwave weaponry, and electronic warfare for the government and private sectors. In 2019, Harris merged with L3 Technologies, forming the 6th largest defense contractor in the world.



BOOM SUPERSONIC

Denver-based startup, Boom Supersonic, designs supersonic passenger jets. Since its inception in 2014, the company has raised over \$151 million in funding with customers like Japan Airlines and Virgin Group. Overture, Boom's 55-seater, jet, is designed to fly from NYC to London in under 3.5 hours.



ALTIUS SPACE MACHINES

Altius is a space robotics and technology startup with expertise in orbital rendezvous and capture robotics. In 2019, NASA awarded Altius with a Phase II contract through the Small Business Innovation Research program to develop and test a satellite servicing interface.