## STATE ECONOMIC IMPACT

MOON TO MARS CAMPAIGN

State Impact

13,941

\$3.3B

\$122.1M

Jobs

Supported

Economic

State Tax

Revenue

Output

# OLORADO

National Aeronautics and Space Administration

2,306

\$543M

\$20.1M

CLIMATE CHANGE R&T<sup>(2)</sup> INVESTMENT

State Impact

Jobs

Supported

Economic

State Tax

Revenue

Output



NASA AGENCYWIDE<sup>(1)</sup> State Impact Jobs 21,616 Supported

Economic \$5.1**B** Output

\$189.8M State Tax Revenue

(1) For more information, please visit https://www.nasa.gov/value-of-nasa/ (2) Climate Change Research and Technology (R&T) Investments

## FY23 State Procurement Investment<sup>(3)</sup> \$1.7B

## SAMPLE OBLIGATIONS<sup>(4)</sup>

0	BUSINESS	\$783.2M
	Other Than Small Business	\$741.4M
	Small Business	\$41.7M
	8(a) Program	\$0
	Economically Disadvantaged Women Owned	\$2.6M
	Historically Underutilized Business (HUBZone)	\$2.4M
	Service Disabled Veteran Owned	\$1.6M
	Innovative Research	\$27.5M
	Disadvantaged Business	\$7.5M
	Veteran Owned	\$1.6M
	Woman Owned	\$3.7M
	Small Business ONLY	\$7.9M
$\bigcirc$	EDUCATIONAL	\$97.7M
	Historically Black Colleges and Universities	\$0
	Other Minority Institutions	\$0
۵ ش	GOVERNMENT	\$0
\$	NON-PROFIT	\$23.4M

#### **LEADING STATE-BASED**

#### NASA BUSINESS CONTRACTORS

Lockheed Martin Corp.	\$561,765,780
Ball Aerospace & Technologies Corp.	\$132,609,360
United Launch Alliance, LLC	\$16,626,322
Honeybee Robotics, LLC	\$11,954,817
Blue Canyon Technologies, Inc.	\$8,203,265

#### **LEADING STATE-BASED**

#### NASA EDUCATION FUNDING

University of Colorado	\$87,908,568
Colorado State University	\$7,435,013
Colorado School of Mines	\$2,154,049
California Institute of Technology	\$256,766
Colorado Seminary	\$14,996

#### **SPACE GRANT CONSORTIUM**

University of Colorado, Boulder

\$973,533

# COLORADO



# **21,616** NASA JOBS SUPPORTED

There are 56 NASA federal employees and 12,246 contractors\* in the state of Colorado.

For every NASA civil servant job located in Colorado, an additional 383\*\* jobs are supported in the state economy. For every million dollars' worth of economic output generated by NASA civil service employees, an additional \$192\*\* million worth of output is sustained throughout the state economy.

<sup>(9)</sup> Indirect effects are the purchases of goods and services by government agencies and private sector contractors, as well as by the industries that supply them.
<sup>(9)</sup> Multiplier based on IMPLAN input Output (I-O) model. To learn more, please visit: <a href="https://biog.implan.com/understanding-implan-multipliers">https://biog.implan.com/understanding-implan-multipliers</a>

# NASA ASTRONAUTS

Nichole Ayers\* Vance Brand Scott Carpenter Gerald Carr Matthew Dominick\* Jack Fischer John "Mike" Lounge Dottie Metcalf-Lindenburger Kent Rominger Stuart Roosa John Swigert

(\*) Activ

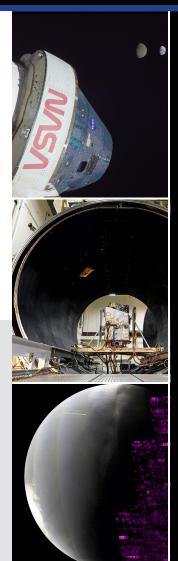
For more information about the Economic Impact Report for your state, go to:



Mary W. Jackson NASA Headquarters 300 E Street SW, Suite 5R30 Washington, DC 20546 www.nasa.gov/centers



National Aeronautics and Space Administration



Eighty-six (86) Colorado suppliers contributed to NASA's Artemis program. An example of the state's contributions is providing critical materials for NASA's Orion spacecraft - the only spacecraft capable of crewed deep spaceflight and high-speed re-entry from the vicinity of the Moon.

NASA's Lunar Trailblazer experienced thermal vacuum chamber (TVAC) testing in Littleton, Colorado, in June 2023. The spacecraft's two science instruments will map the form, abundance, and locations of water in on the lunar surface while also revealing the thermal properties and surface composition of those regions.

(image secondary credit: Lockheed Martin Space)

The Mars Atmosphere and Volatile Evolution (MAVEN) mission, which studies the Martian atmosphere, is managed in Colorado. This mission has provided valuable insights into the history of water on Mars.