

PENNSYLVANIA

NASA AGENCYWIDE(1)

State Impact

Jobs 1,749 Supported

Economic \$409M Output

State Tax \$16.4M Revenue

MOON TO MARS CAMPAIGN

State Impact

Jobs 989 **Supported**

Economic \$228.9M Output

> **State Tax** \$9.3M Revenue

FY23 State Procurement Investment (2) \$128M

\$1.7M

SAMPLE OBLIGATIONS(3)

Ø	BUSINESS	\$93.4M
	Other Than Small Business	\$13.9M
	Small Rusiness	\$79 4M

EDUCATIONAL \$19.8M GOVERNMENT

\$0

NON-PROFIT



NASA BUSINESS CONTRACTORS

Astrobotic Technology, Inc.	\$63,252,736
Air Products and Chemicals, Inc.	\$8,398,742
Advanced Cooling Technologies, Inc.	\$7,323,954
Ansys, Inc.	\$4,433,458
Orbit Advanced Technologies, Inc.	\$4,261,840

LEADING STATE-BASED NASA EDUCATION FUNDING

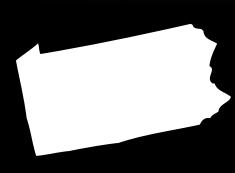
Pennsylvania State University	\$11,728,758
Carnegie Mellon University	\$2,974,930
University of Pennsylvania	\$1,931,861
University of Pittsburgh	\$1,643,856
Drexel University	\$505,013

SPACE GRANT CONSORTIUM

Pennsylvania State University \$979,847

PENNSYLVANIA





1,749

NASA JOBS SUPPORTED

There are 42 NASA federal employees and 896 contractors* in the state of Pennsylvania.

For every NASA civil servant job located in Pennsylvania, an additional 41** jobs are supported in the state economy. For every million dollars' worth of economic output generated by NASA civil service employees, an additional \$19.7** million worth of output is sustained throughout the state economy.

19 Indirect effects are the purchases of goods and services by government agencies and private sector contractors, as well as by the industries that supply there

(**) Multiplier based on IMPLAN Input Output (I-O) model. To learn more, please visit: https://blog.implan.com/understanding-implan-multipliers

NASA ASTRONAUTS

Andy M. Allen

James P. Bagian Warren W. "Woody" Hoburg*

Guion S. Bluford, Jr.

Scott J. Horowitz

Terry J. Hart

Daniel W. Bursch

James B. Irwin

Charles "Pete" Conrad, Jr.

Paul P. Richards

Chris J. "Fergy" Ferguson

Patricia C. H. Robertson

Andrew J. Feustel

Daniel M. Tani

E. Michael "Mike" Fincke*

Paul J. Weitz

Theodore C. Freeman

Steven N. Frick

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



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Seventy-five Pennsylvania 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.