

PENNSYLVANIA

National Aeronautics and Space Administration



NASA AGENCYWIDE⁽¹⁾

State Impact

1,749 Jobs Supported

\$409M Economic Output

\$16.4M State Tax Revenue

MOON TO MARS CAMPAIGN

State Impact

989 Jobs Supported

\$228.9M Economic Output

\$9.3M State Tax Revenue

CLIMATE CHANGE R&T⁽²⁾ INVESTMENT

State Impact

324 Jobs Supported

\$75.8M Economic Output

\$3M 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⁽³⁾ **\$128M**

SAMPLE OBLIGATIONS⁽⁴⁾

 BUSINESS	\$93.4M
Other Than Small Business	\$13.9M
Small Business	\$79.4M
8(A) Program	\$0
Economically Disadvantaged Women Owned	\$0
Historically Underutilized Business (HUBZone)	\$166,248
Service Disabled Veteran Owned	\$27,683
Innovative Research	\$9.9M
Disadvantaged Business	\$1.4M
Veteran Owned	\$27,683
Woman Owned	\$220,059
Small Business ONLY	\$68.1M

 EDUCATIONAL	\$19.8M
Historically Black Colleges and Universities	\$0
Other Minority Institutions	\$0

 **GOVERNMENT** **\$0**

 **NON-PROFIT** **\$1.7M**

LEADING STATE-BASED

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
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⁽³⁾ NASA contracts sourced in the state in FY23; see FY23 NASA Economic Impact Report

⁽⁴⁾ Categories are not additive. For more information on FY23 Sample Obligations, please visit: [NASA Acquisition Internet Service \(NAIS\)](#)

PENNSYLVANIA



1,749

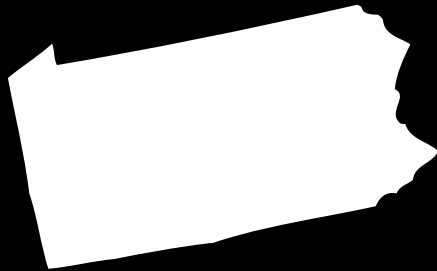
NASA JOBS SUPPORTED

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.

**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.

**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 | Terry J. Hart |
| James P. Bagian | Warren W. "Woody" Hoburg* |
| Guion S. Bluford, Jr. | Scott J. Horowitz |
| 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 | |

* Active

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



75

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.