

# PENNSYLVANIA

## NASA AGENCYWIDE<sup>(1)</sup> 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

FY23 State Procurement Investment<sup>(2)</sup> **\$128M**

## SAMPLE OBLIGATIONS<sup>(3)</sup>



### BUSINESS

**\$93.4M**

Other Than Small Business \$13.9M

Small Business \$79.4M



### EDUCATIONAL

**\$19.8M**



### GOVERNMENT

**\$0**



### NON-PROFIT

**\$1.7M**

## 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 |
|-------------------------------|-----------|

<sup>(1)</sup> For more information, please visit <https://www.nasa.gov/value-of-nasa/>

<sup>(2)</sup> NASA contracts sourced in the state in FY23; see FY23 NASA Economic Impact Report

<sup>(3)</sup> Categories are not additive. For more information on FY23 Sample Obligations, please visit: [NASA Acquisition Internet Service \(NAIS\)](https://www.nasa.gov/acquisition-internet-service/)

# 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:



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300 E Street SW, Suite 5R30  
Washington, DC 20546  
[www.nasa.gov/centers](http://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.