



WEST VIRGINIA



NASA Facility:

Katherine Johnson Independent Verification and Validation Facility – Fairmont, WV

- Managed by Goddard Space Flight Center



NASA Overall State Impact⁽¹⁾

• Jobs Supported	707
• Economic Output	\$139,197,000
• State Tax Revenue	\$4,523,000



Moon to Mars Campaign State Impacts

• Jobs Supported	61
• Economic Output	\$11,292,000
• State Tax Revenue	\$393,000



Investments in Climate Change Research & Technology State Impacts

• Jobs Supported	53
• Economic Output	\$9,661,000
• State Tax Revenue	\$330,000

⁽¹⁾ For more information please visit: [Value of NASA](#)

FY21 State Procurement Investments ⁽²⁾

\$46 M

Sample Obligations ⁽³⁾

Business	\$43,784,869
• Other Than Small Business	\$36,999,630
• Small Business	\$6,785,239
– 8(A) Program	\$816,419
– Economically Disadvantaged Women Owned Small Business	\$816,419
– Historically Underutilized Business (HUBZone)	\$30,000
– Service Disabled Veteran Owned Small Business	\$837,119
– Small Business Innovative Research	\$759,998
– Small Disadvantaged Business	\$853,744
– Veteran Owned Small Business	\$837,119
– Woman Owned Small Business	\$816,419
– Small Business Only	\$5,141,497
Educational	\$8,748,865
Government	\$0
Non-profit Institutions	\$24,000

Leading State-based NASA Business Contractors

Science Applications International Corporation	\$1,205,890,630
Engility Corporation	\$206,442,964
TMC Technologies Of West Virginia Corporation	\$148,907,345
TI Verbatim Consulting, Inc.	\$83,387,714
Touchstone Research Laboratory Ltd, Inc.	\$45,249,102

Leading State-based NASA Education Funding

West Virginia University	\$8,327,107
Fairmont State University	\$421,758

Space Grant Consortium

West Virginia University	\$800,000
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⁽²⁾ NASA contracts sourced in the state in FY21; see [FY21 NASA Economic Impact Report](#)

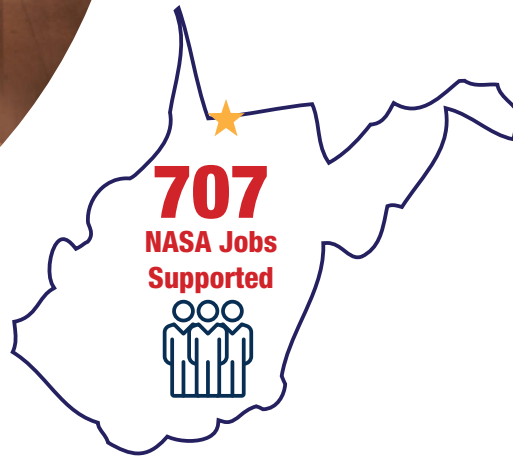
⁽³⁾ Categories are not additive. For more information on FY21 Sample Obligations, please visit: [NASA Acquisition Internet Service \(NAIS\)](#)



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There are 60 NASA federal jobs and 364* contractors* in the state of West Virginia.

For every NASA federal job located in West Virginia, an additional 10.8** jobs are supported in the state economy. For every million dollars' worth of economic output generated by NASA federal jobs, an additional \$3.7** 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

John McBride
Andrew R. Morgan*



NASA's Katherine Johnson Independent Verification and Validation Facility (IV&V) is used to contribute to the safety and success of NASA's highest-profile missions by assuring the software on those missions performs correctly.

Jon McBride Software Testing and Research (JSTAR) is a subgroup within the NASA IV&V Program's IV&V office. JSTAR's main role consists of providing computer simulations of embedded spacecraft environments. These simulations allow spacecraft software to be tested, verified, and validated. JSTAR performs research and developmental efforts to improve testing methods and is also responsible for managing and enhancing the JSTAR laboratory network.

NASA's IV&V Education Program prepares new K-12 teachers by providing access to NASA learning materials and educator professional development via its [Education Resource Center \(ERC\)](#). The [Student Outreach](#) program offers authentic experiences for diverse K-12 school groups from across the region while the robotics, rocketry, and aviation [competitions](#) engage thousands of students each year. Undergraduate students are able to engage with NASA missions and science through the [Space Flight Design Challenge](#), the [Science Public Outreach Team \(SPOT\)](#), and numerous collegiate competitions.

* Current

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



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www.nasa.gov

