

WEST VIRGINIA

Katherine Johnson Independent Verification and Validation (IV&V) Facility – Fairmont, WV

Managed by Goddard Space Flight Center



NASA AGENCYWIDE⁽¹⁾

State Impact

633 Jobs Supported

\$140.8M Economic Output

\$4.3M State Tax Revenue

MOON TO MARS CAMPAIGN

State Impact

30 Jobs Supported

\$6.6M Economic Output

\$203K State Tax Revenue

FY23 State Procurement Investment⁽²⁾ **\$49.2M**

SAMPLE OBLIGATIONS⁽³⁾



BUSINESS

\$35.6M

Other Than Small Business

\$28.2M

Small Business

\$7.6M



EDUCATIONAL

\$7.7M



GOVERNMENT

\$2.9M



NON-PROFIT

\$0

LEADING STATE-BASED

NASA BUSINESS CONTRACTORS

Science Applications International Corporation	\$29,027,986
Tmc Technologies of West Virginia Corporation	\$6,042,586
Ti Verbatim Consulting, Inc.	\$678,457
Touchstone Research Group, LLC	\$375,000
Nextgen Federal Systems, LLC	\$199,934

LEADING STATE-BASED

NASA EDUCATION FUNDING

West Virginia University	\$7,423,435
Fairmont State University	\$370,000

SPACE GRANT CONSORTIUM

West Virginia University	\$910,000
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⁽¹⁾ For more information, please visit <https://www.nasa.gov/value-of-nasa/>

⁽²⁾ NASA contracts sourced in the state in FY23; see FY23 NASA Economic Impact Report

⁽³⁾ Categories are not additive. For more information on FY23 Sample Obligations, please visit: [NASA Acquisition Internet Service \(NAIS\)](#)



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633

NASA JOBS SUPPORTED

Katherine Johnson IV&V Facility has 62 NASA federal employees and 348 contractors* in the state of West Virginia.

For every NASA civil servant job located in West Virginia, an additional 9** jobs are supported in the state economy. For every million dollars' worth of economic output generated by NASA civil service employees, an additional \$3.9** 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



Jon A.
McBride



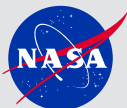
Andrew R.
Morgan*

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



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300 E Street SW, Suite 5R30
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www.nasa.gov/centers



National Aeronautics and
Space Administration

Katherine Johnson Independent Verification and Validation Facility (IV&V)

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.

