

MARSHALL SPACE FLIGHT CENTER

Economic Impact Overview

In Huntsville, Alabama, NASA's Marshall Space Flight Center (MSFC) is developing the essential vehicle and technologies to achieve NASA's human exploration missions. Marshall provides valuable contributions to its community, the state, the region, and the nation. Each year, Marshall creates significant economic impact by supporting thousands of jobs and investing millions of dollars in research and development, driving an innovation-based economy in Alabama and across the country. Marshall manages the Space Launch System (SLS), the world's most powerful rocket, and the Human Landing System programs, both of which will enable the success of NASA's Artemis program to establish a sustainable human presence on the Moon by 2028.

Employment and Spending

- Supports more than **43,600 jobs nationally** and a total **economic output of \$8.3 billion**.
- Directly employs approximately **6,000** civil servants and contractors.
- Generates contracts across nearly every category of manufacturing and service production sectors.




America's Rocket...the Space Launch System

- Supports more than **28,200 jobs**, generating a **total economic output of \$5.5 billion**.
- Building America's rocket engages more than **1,100 large and small businesses in 44 states**.
- Accounts for **60% of all Marshall's economic impacts**.



Marshall Impact in Alabama

MSFC Impact SLS Impact

Jobs		24,400	14,000
Dollars		\$4.3 B	\$2.3 B
Tax Revenues		\$105 M*	\$58 M*

*state and local taxes

Statewide Procurement



Marshall Manages Another Key Part Of America's Return to the Moon

In August 2019, NASA named Marshall as the center to lead its Human Landing System (HLS) Program. The program is the cross-center team responsible for the procurement of the rapid development and crewed demonstration of systems that will carry the first woman and next man to the Moon's surface by 2024. In April 2020, NASA awarded contracts to Blue Origin, Dynetics (a Leidos company), and SpaceX to design and develop the systems for the agency's Artemis program. The human landing system is a vital part of NASA's deep space exploration plans, along with the SLS rocket, Orion spacecraft, and Gateway.



Shaping Alabama's Business Landscape And Its Future Workforce

- Since 1977, **49 companies** in Alabama have generated spinoff technologies. Of those, **32** worked with Marshall.
- From 2000 to 2019, NASA awarded **332** Phase I, II and post-phase II contracts to firms in Alabama. Marshall managed **982** contracts with firms in Alabama and across the nation, as part of the Small Business Innovation Research and Small Business Technology Transfer Program.
- Marshall actively engages students across Alabama and the region in STEM activities such as Human Exploration Rover Challenge and Student Launch Initiative, as well as provides grants, fellowships, and internships. This engagement instills the importance of and builds excitement for STEM careers in our future workforce.



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