



Together, we make **bold** things happen.

Marshall Space Flight Center Economic Impact

As Marshall delivers on NASA's bold space missions, it infuses millions of dollars into research and development. This drives an innovation-based economy in Alabama and across the United States.

Marshall manages the Space Launch System (SLS), an entirely new capability for taking humans beyond Earth orbit. Marshall and the SLS program support tens of thousands of jobs, creating a significant economic impact to a full spectrum of industries from manufacturing to food service.

Locally,

Marshall is the third largest employer in the Huntsville metro area, with approximately 6,000 federal and on-site contract employees. The center's activity in Madison County generates more than **14,000 jobs** and a corresponding \$1.1 billion in income. With \$1.2 billion in contracts sourced within the county, Marshall's total impact in Madison County is **\$2.5 billion**. Marshall's impact in terms of gross product exceeds the share of many other important sectors in the county, including retail trade, finance and industry, health care, and insurance.

In Alabama's 5th Congressional District,

Marshall is responsible for about 16,000 jobs and contributes more than \$62 million in state and local tax revenues annually. The total economic impact in the 5th district is **\$2.8 billion**, with 43% resulting from SLS program activities.

Across Alabama,

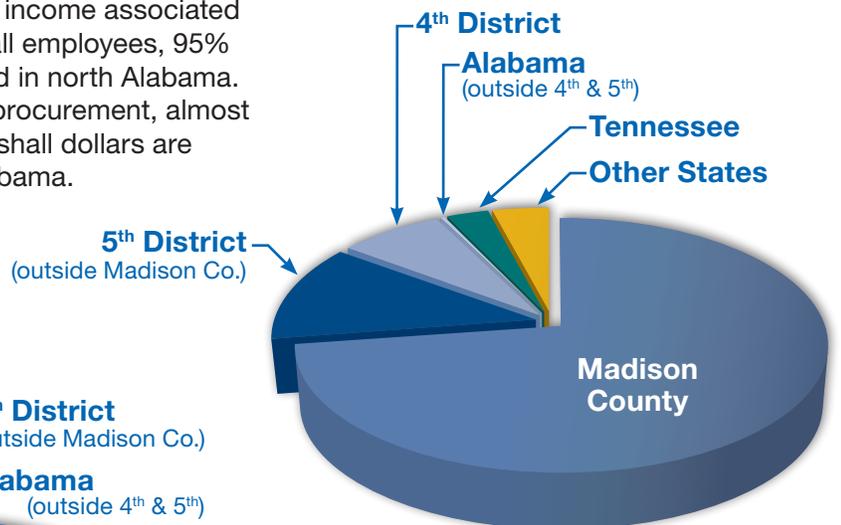
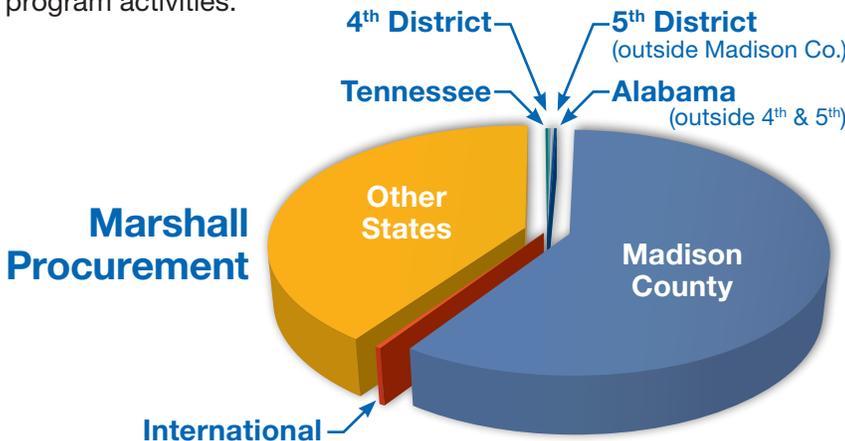
the total employment impact from Marshall's activities is nearly **20,000 jobs**, with more than 8,600 of these jobs resulting from the SLS program. 58% of SLS procurements and nearly half of the overall SLS impacts occur within the state of Alabama.

Marshall's total economic impact in the state of Alabama is **\$3.3 billion**. This impact is greater than the economic output of the entire agricultural industry of Alabama, including the hunting and fishing industries.

Of the labor income associated with Marshall employees, 95% is distributed in north Alabama. In terms of procurement, almost 60% of Marshall dollars are spent in Alabama.

Across the nation,

for every civil service job at Marshall, nearly 14.2 full-time-equivalent jobs are generated, totaling more than **40,000 jobs**. The center generates an estimated \$808 million in federal, state, and local tax revenues annually, and has a total economic impact of **\$6.73 billion**.



Making **bold** things happen...

Beyond the impact of Federal dollars flowing into the economy, Marshall is making things happen for the future. Marshall is preparing tomorrow's workforce, sharing technologies to benefit life on Earth, and giving back to the community.

Preparing students for a **bold** future

Marshall bolsters America's future by nurturing students' interest in the fields of Science, Technology, Engineering and Mathematics (STEM). To support the education pipeline, Marshall provides activities and programs that touch students from elementary school through college, and into their early careers.



The first annual Human Exploration Rover Challenge, formerly known as "The Great Moonbuggy Race," was held April 11-12 at the U.S. Space and Rocket Center. The competition engages students and provides valuable experiences in the technologies and concepts that will be needed in future exploration missions.

Spinoff technologies help save lives

Marshall has developed more than 60 technologies that have been featured as NASA spinoffs. These technologies have led to improvements in many ways from farming to manufacturing and from firefighting to nursing.



An instrument developed for measuring thermal properties of materials used in space helps ensure consistent warmth for newborn babies in neonatal intensive care units. This instrument, called the Spectrafire, provides precise measurements to ensure that baby warmers emit just the right amount of heat. The instrument was funded by a Marshall Small Business Innovation Research contract.

A **bold** Impact in the community

Marshall team members make bold things happen in the community as well. They contributed more than \$677,000 to the Combined Federal Campaign (CFC) in 2013. Workers also volunteer their time to help local non-profits as part of the CFC Community Days.



Teams from Marshall framed houses for Habitat for Humanity during their Community Service Day.

To learn more about Marshall's impacts, visit:

www.nasa.gov/marshallimpact



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