National Aeronautics and Space Administration

MICHIGAN

NASA Overall State Impact [1]

• Jobs Supported	785
• Economic Output	$142,574,000
• State Tax Revenue	$4,843,000

Moon to Mars Campaign State Impacts

• Jobs Supported	23
• Economic Output	$5,131,000
• State Tax Revenue	$168,000

Investments in Climate Change Research & Technology State Impacts

• Jobs Supported	347
• Economic Output	$62,676,000
• State Tax Revenue	$2,143,000

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

FY21 State Procurement Investments [2] — $45 M

Sample Obligations [3]

Business	**$9,094,139**
• Other Than Small Business	$3,114,413
• Small Business	$5,979,726
– 8(A) Program	$0
– Economically Disadvantaged Women Owned Small Business	$1,105,405
– Historically Underutilized Business (HUBZone)	$799,861
– Service Disabled Veteran Owned Small Business	$83,052
– Small Business Innovative Research	$2,710,414
– Small Disadvantaged Business	$3,204,696
– Veteran Owned Small Business	$83,052
– Woman Owned Small Business	$1,837,011
– Small Business Only	$1,174,417
Educational	**$25,887,055**
Government	**$0**
Non-profit Institutions	**$552,890**

Leading State-based NASA Business Contractors

Global Knowledge Solutions, LLC	$1,180,434
Byers and Associates, LLC	$1,105,405
Amphionic, LLC	$884,759
Michigan Aerospace Corporation	$749,970
Thermoanalytics, Inc.	$749,848

Leading State-based NASA Education Funding

University of Michigan	$16,388,646
Michigan State University	$4,603,196
Michigan Technological University	$4,584,480
Western Michigan University	$146,729
Wayne State University	$125,138

Space Grant Consortium

University of Michigan	$799,918

[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)

MICHIGAN

785
NASA Jobs Supported

There are 13 NASA federal jobs and 442* contractors in the state of Michigan.

For every NASA federal job located in Michigan, an additional 59.4** jobs are supported in the state economy. For every million dollars' worth of economic output generated by NASA federal jobs, an additional $20.8** 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
(Former)

Domonic "Tony" Antonelli

Michael Bloomfield

Roger Chaffee

Brent Jett

David Leestmarmer

Jerry Linenger

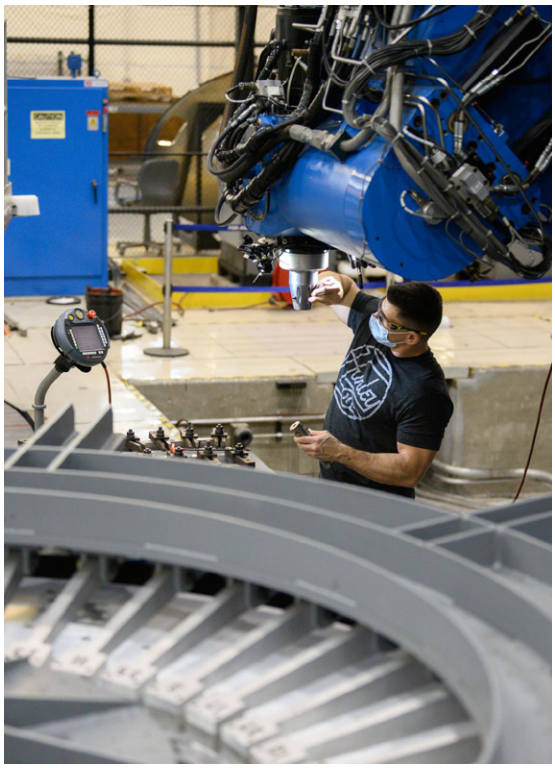
Jack Lousma

Donald McMonagle

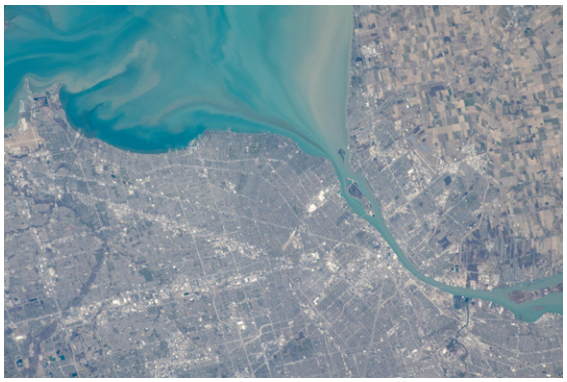
Richard Searfoss

Brewster Shaw

Al Worden

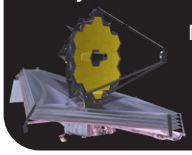


Forty-two Michigan suppliers contributed to NASA's Artemis program. An example of the state's contributions is the covering for the tunnel of the SLS rocket's core stage system.



The Detroit River, pictured from the International Space Station as it orbited 264 miles above, separates Detroit, Michigan, from Windsor in Ontario, Canada. The Detroit River also connects to Lake St. Clair (pictured at top) and Lake Erie (out of frame).

James Webb Space Telescope
Cycle 1 Hours of Access



Michigan Institutions
1332.2
Hours

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

National Aeronautics and Space Administration

NASA Headquarters
300 E Street, SW
Washington, DC 20546

www.nasa.gov/centers

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