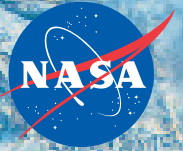


National Aeronautics and Space Administration



2024 YEAR IN REVIEW

Goddard
SPACE FLIGHT CENTER

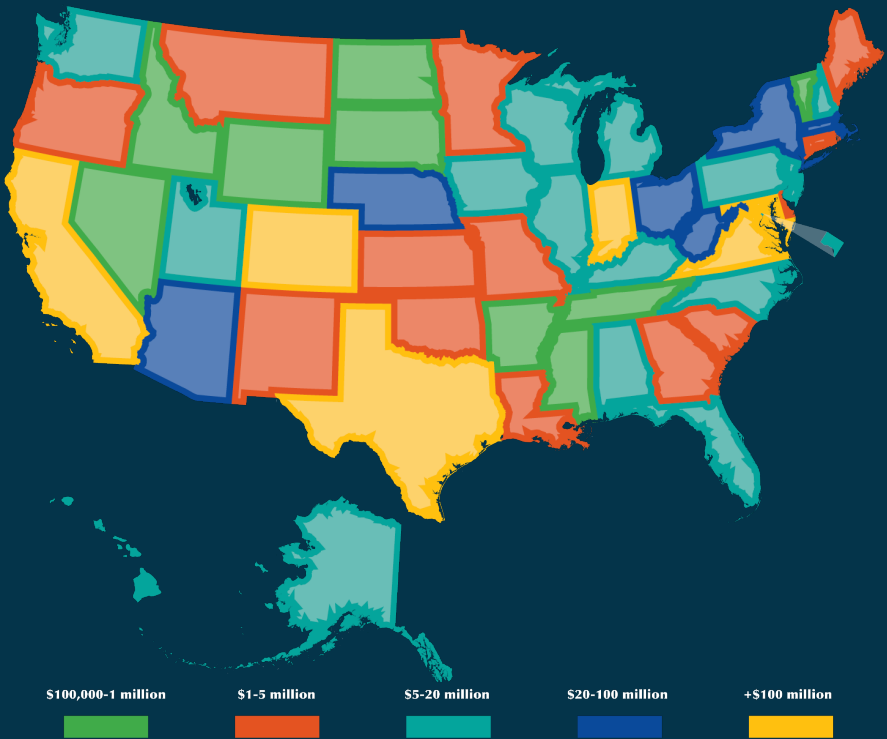


www.nasa.gov

Economic Impact

Goddard invests more than 80% of every dollar it receives in American companies, academia, and nonprofit organizations.

Figures are based on NASA Procurement Data View and Federal Procurement Data System obligation data for fiscal year 2024 as of Oct. 31, 2024. Obligated funds, both Goddard and NASA Shared Services Center.



Goddard's Top Contractors

Peraton Inc.	\$369.6 million
Lockheed Martin Corporation	\$246.1 million
Science Systems and Applications, Inc.....	\$190.7 million
Association of Universities for Research in Astronomy, Inc.....	\$177.1 million
KBR Wyle Services, LLC	\$167.8 million
Space Network Solutions LLC	\$125.3 million
Ball Aerospace & Technologies Corporation.....	\$115.3 million
ASRC Federal System Solutions, LLC.....	\$109.8 million
Raytheon Company.....	\$107.5 million
L3 Harris Technologies, Inc.....	\$105.1 million

\$819M

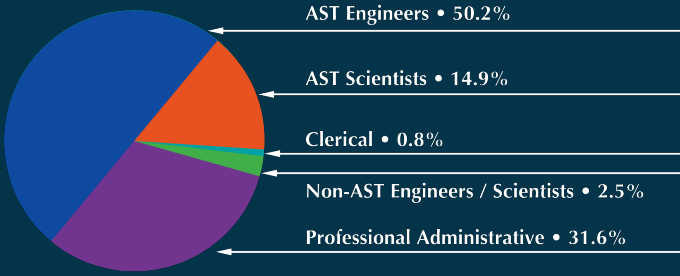
AWARDED TO
SMALL BUSINESS

\$237M

SPENT ON EFFORTS RELATED TO
COLLEGES AND UNIVERSITIES

State of the Workforce

Goddard Civil Servants by Skill Mix



Goddard Civil Servants by Location

Greenbelt	2,688	84.5%
Wallops	271	8.5%
IV&V	46	1.5%
GISS	28	0.9%
White Sands	7	0.2%
Other	141	4.4%
Grand Total	3,181	100.0%



10,000+

WORKFORCE

(Civil Servants, Contractors, Others)

\$4.7

BUDGET
(Billion)

417

INTERNSHIPS

9

PATENTS

171

NEW TECHNOLOGY
REPORTS

2024 Budget

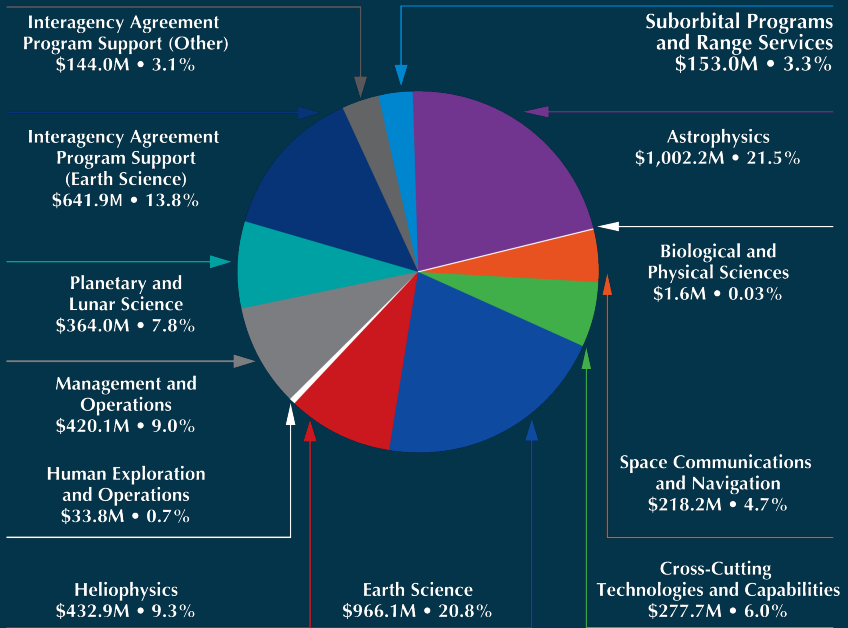
Goddard Program Year 2024 Budget

Categorized by Lines of Business (as of Sept. 30, 2024)

Budget: \$4.7 Billion

Direct Budget: \$3.9 Billion

Interagency Agreement Program Support Budget: \$0.8 Billion



One World-Class Science and Engineering Organization

Main Campus – Greenbelt, Maryland

Established in 1959, Goddard's main campus oversees the work across the center's core areas, which include the scientific fields of astrophysics, Earth science, heliophysics, and planetary science.

Wallops Flight Facility – Wallops Island, Virginia

Wallops provides agile, low-cost flight and launch range services to meet government and commercial sector needs for accessing flight regimes worldwide, from Earth's surface to the Moon and beyond.

Goddard Institute for Space Studies (GISS) – New York, New York

GISS emphasizes a broad study of global change, an interdisciplinary initiative addressing natural and man-made changes in our environment that occur on various time scales and that affect the habitability of our planet.

Katherine Johnson Independent Verification & Validation Facility (IV&V) – Fairmont, West Virginia

Home of NASA's Independent Verification & Validation Program, IV&V assures the safety and success of software on NASA's highest-profile missions.

White Sands Complex – Las Cruces, New Mexico

The complex operates the Near Space Network's Tracking and Data Relay Satellite (TDRS) fleet, which provides missions with robust communications and navigation support. Missions include the Hubble Space Telescope, International Space Station, Commercial Crew vehicles, and more.

Columbia Scientific Balloon Facility – Palestine, Texas

The facility provides services for launching large, uncrewed, high-altitude scientific balloons – as well as the tracking and recovery of the experiments suspended beneath them – from worldwide locations in support of the science community.



2024 Highlights

Habitable Worlds Observatory Project Office

Goddard stood up the technology maturation project office for the Habitable Worlds Observatory in August 2024, a critical first step in bringing the leadership of NASA's next astrophysics flagship mission to the center. Goddard will lead development of critical emerging technologies, science, and architecture studies necessary for this future observatory, which will be specifically designed to search for signs of life on Earth-like planets.

OSIRIS-REx Sample from Benu

The OSIRIS-REx mission brought a sample from the asteroid Benu to Earth in September 2023. The sample has since been dispersed across scientific institutions worldwide – including at Goddard – for further study on the formation and evolution of the solar system.

PACE Launch and First Images

The Plankton, Aerosol, Cloud, ocean Ecosystem (PACE) mission launched in February 2024 to advance NASA's assessment of ocean health and atmospheric aerosols. The first images from the mission were released two months later.

Total Solar Eclipse Across North America

Goddard joined the rest of the agency in mobilizing engagement efforts across the United States and informing the public about NASA's work in heliophysics and other fields during the total solar eclipse on April 8, 2024. Totality extended from Mexico to Canada, passing through the United States from Texas to Maine and several states in between.

Dragonfly Mission Confirmed

The Dragonfly mission, scheduled to launch in 2028, will send a robotic rotorcraft to explore Saturn's moon Titan. NASA confirmed in April 2024 that Goddard will make key contributions to the mission alongside mission lead – the Johns Hopkins University Applied Physics Laboratory – and other partners.

Integration of Roman Space Telescope

The Nancy Grace Roman Space Telescope, scheduled for launch by 2027, will reveal billions of cosmic objects and shine a light on mysterious phenomena. All major hardware elements were delivered in 2024, and mission integration is rolling.

ILLUMA-T/LCRD Demonstration

The ILLUMA-T payload, hosted on the exterior of the International Space Station for six months, completed NASA's first two-way, end-to-end laser relay system with the in-space LCRD payload. Together, they demonstrated the benefits laser communications can have for human spaceflight.

GOES-U Launch

The Geostationary Operational Environmental Satellites (GOES) program is a collaborative endeavor between the National Oceanic and Atmospheric Administration and NASA. GOES-U, the fourth of the GOES-R series of satellites, launched in June 2024, thereby being renamed GOES-19.

Artemis Science

NASA's Artemis campaign will send the first woman and first person of color to the Moon. Goddard has been leading many science efforts for Artemis II, scheduled to launch in 2026, and subsequent missions for the campaign.

GUSTO Balloon Mission

The GUSTO scientific balloon mission set the record for a NASA heavy-lift, long-duration balloon flight at more than 57 days.

University Agreements

Goddard signed official agreements with Salisbury University in Maryland, the Laboratory for Atmospheric and Space Physics at the University of Colorado Boulder, and Columbia University in the City of New York to expand collaborative research and workforce development opportunities among the institutions.