National Aeronautics and Space Administration

Goddard
SPACE FLIGHT CENTER

2023 YEAR IN REVIEW

www.nasa.gov

A MESSAGE FROM THE DIRECTOR

Dating back to our beginnings in 1959 as NASA's first spaceflight center, NASA's Goddard Space Flight Center has grown to comprise six sites across the country, more than 10,000 employees, and one of the world's best portfolios dedicated to the advancement of Earth and space science.

For more than six decades, we have advanced humanity's understanding of the universe, and 2023 was no different. Our flagship telescopes have continued to peer back into the far reaches of the cosmos. One of our missions became the first from the United States to return a sample from an asteroid, hopefully lending insight into the origins of our solar system. For the benefit of our own planet, our Earth science missions are informing scientists and policymakers worldwide about the changing systems here at home. A big year in heliophysics has begun, and Goddard is leading the way. As NASA prepares to send the first woman and first person of color to the Moon, all of our lines of business are playing vital roles in the collective lunar endeavor.

Goddard's storied past is prologue to our present, and our future is set to become even better. While the landscape of space exploration is shifting by the day – to include a more robust presence from industry and bigger players across the international stage – Goddard is embracing change, harnessing the newest challenges to create the greatest opportunities.

Through it all, our mission to serve the public remains the same. We have many stakeholders across the globe, but none will ever be more important than the American public.

Please watch the accompanying video which highlights our achievements over the past year. This print and digital accompaniment outlines the structure, service, and financial health of our center.

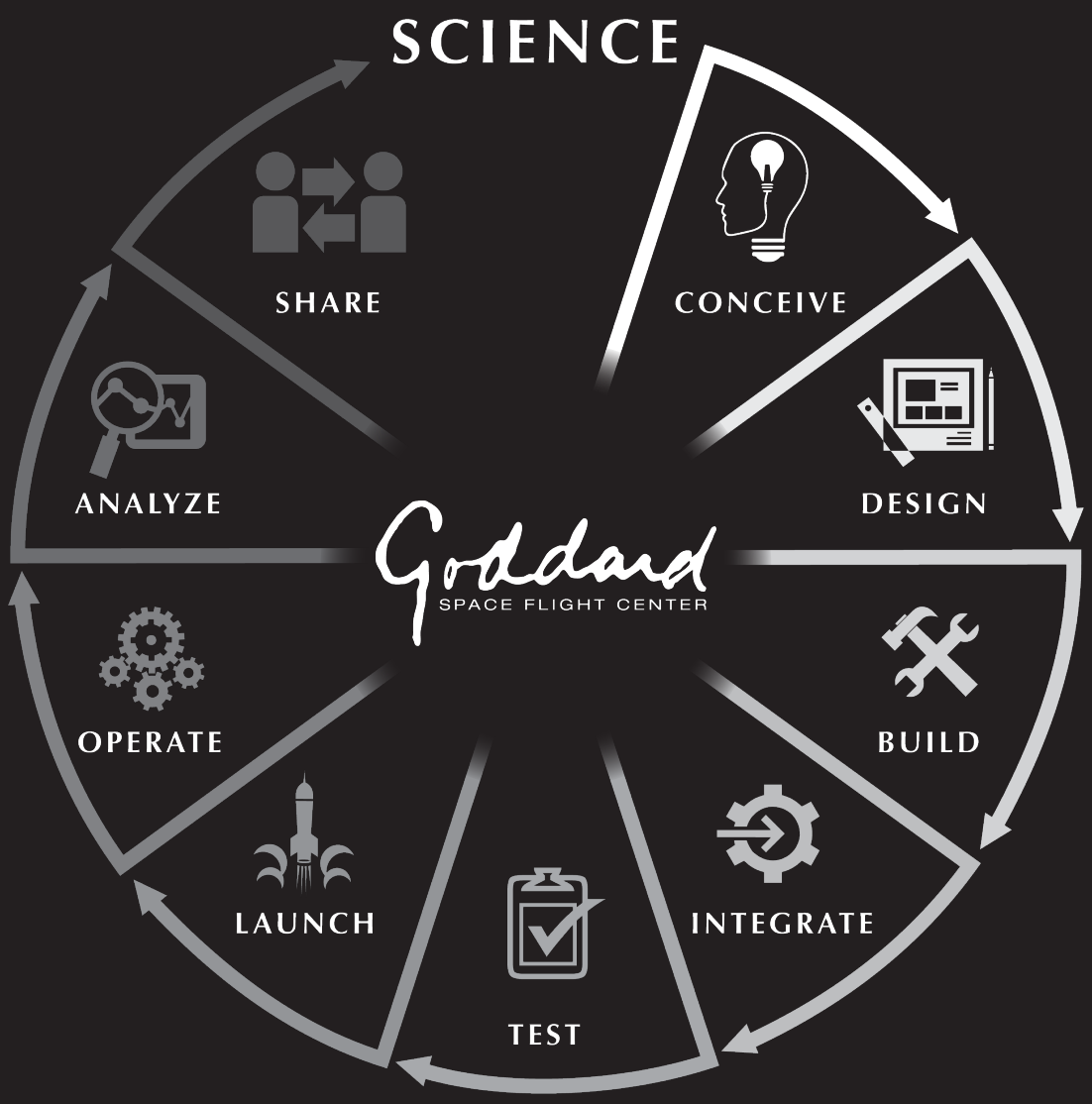
On behalf of the thousands of Goddard employees who are pushing the boundaries of exploration, thank you for your interest in our work. We hope to continue redefining what is possible in the universe.

Dr. Makenzie Lystrup
Center Director

Goddard 2023 Highlights

For Digital Viewers, Click Here

THE GODDARD PROJECT LIFE CYCLE



We begin with SCIENCE and end with SCIENCE.

This icon indicates expanded multimedia content.
An interactive version of this report is also posted at issuu.com/nasagsfc.

2023 IN FIGURES

Figures are for fiscal 2023 unless noted otherwise.

Goddard SPACE FLIGHT CENTER

BEST PLACES TO WORK

in the Federal Government (2022 Rankings)

#1
NASA Ranked Out of 17 Large Agencies
(Eleventh Consecutive Year)

#34
Goddard Ranked Out of 432 Agency Subcomponents

ONE GODDARD

MORE THAN 10,000 PEOPLE

(Including off-site contractors, emeritus employees, and interns)

3,000+ Civil Servants

6,000+ On-Site Contractors

1,000+ Others

BUDGET

$5.05B

Direct Goddard Budget: $4.2B

Interagency Agreement Program Support: $700M*

*From other government and nongovernment entities

INTERNSHIPS

40,374 Applications

411 Selected

48 States and Territories Represented

29.5% From Minority-Serving Institutions

50 MILLION+
Social Media Follows

SATELLITE PARTNERS

7 AGENCIES

GODDARD VISITOR CENTERS

GREENBELT
54,493
In-person and Virtual Visitors

WALLOPS
65,351
In-person and Virtual Visitors

2023 IN FIGURES

WALLOPS FLIGHT FACILITY

11 Sounding Rocket Launches

11 Scientific Balloon Launches

466 Aircraft Flight Hours

1 ISS Resupply Mission Supported

16K+ Launches Since 1945

COLUMBIA SCIENTIFIC BALLOON FACILITY

60 Days of Flight Time for

9 Balloon Missions

KATHERINE JOHNSON IV&V FACILITY

13 NASA Mission Models Supported

6 Severity-One Issues Identified

28 Severity-Two Issues Identified

OSIRIS-REX

>70 Grams of sample from Bennu returned

LANDSAT 9

>10 Years in Operation

Images captured to date: **2.5+ MILLION**

ATMOSPHERIC WAVES EXPERIMENT

1ST Space weather station aboard International Space Station

ROMAN SPACE TELESCOPE

500 Terabytes of test data collected

GISS

123,637 Years simulated to date via climate models

WHITE SANDS COMPLEX SPACE RELAY

128,184 Events

160,002 Service Hours

LUCY

11 Asteroid Targets

NEAR SPACE NETWORK

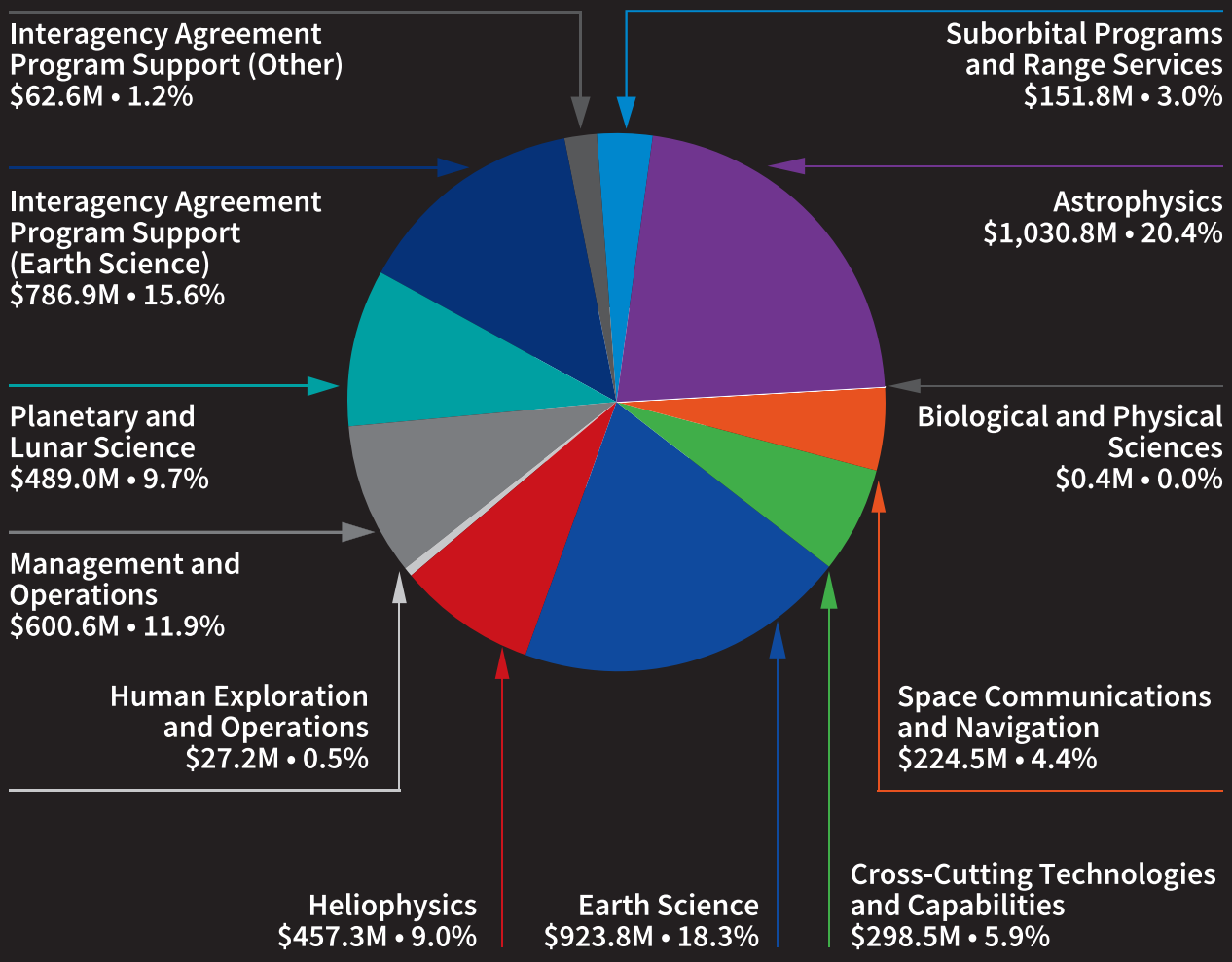
24 Launches supported

BUDGET

GODDARD PROGRAM YEAR 2023 BUDGET

Categorized by Lines of Business (as of Sept. 30, 2023)

Nationally, NASA supports hundreds of thousands of jobs and contributes billions of dollars of tax base for states and the nation. A major contributor to NASA's national impact, Goddard is the most geographically diverse of all NASA centers with its main campus in Maryland in addition to its five component facilities in Virginia, New York, Texas, New Mexico, and West Virginia. With more than 10,000 employees and a budget nearing $5 billion, Goddard's spending and overall economic impact spans 27 states. A powerhouse in the field of space science, Goddard also provides assured access to space for government and commercial customers and leads in space weather and Earth systems applications for the benefit of all humanity.



BUDGET: $5.05B

DIRECT BUDGET: $4.2B

INTERAGENCY AGREEMENT PROGRAM SUPPORT: $850M

ECONOMIC IMPACT

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

All numbers are based on NASA Procurement Data View and Federal Procurement Data System obligation data for fiscal 2023 as of October 13, 2023. Obligated funds, both Goddard and NASA Shared Services Center.

Obligations by State

Alaska	$14,722,945
Alabama	$4,999,999
Arizona	$59,716,159
California	$298,605,604
Colorado	$233,986,618
Washington DC	$314,306
Florida	$6,244,540
Hawaii	$400,600
Iowa	$13,487,678
Illinois	$875,000
Indiana	$142,892,303
Kansas	$1,232,070
Massachusetts	$9,239,147
Maryland	$1,591,748,862
Michigan	$4,475,015
Minnesota	$19,225
New Hampshire	$3,794,952
New Jersey	$10,468,805
New Mexico	$1,310,415
New York	$56,508,839
Oregon	$957,623
Pennsylvania	$1,907,104
Texas	$72,423,259
Utah	$3,594,703
Virginia	$318,086,254
West Virginia	$39,219,588
Wisconsin	$3,890,805
Grand Total	$2,895,002,454

Goddard's Top Contractors

Peraton Inc.
$336.7M

Science Applications International Corporation
$238M

Science Systems & Applications, Inc.
$224.4M

L3 Harris Technologies, Inc.
$188.8M

Association of Universities for Research in Astronomy
$169.3M

Lockheed Main Corporation
$142.9M

KBRwyle Services, LLC
$141.7M

Aerodyne-SGT Engineering Services., LLC
$136.3M

Ball Aerospace & Technologies Corporation
$128.2M

ASRC Federal System Solutions, LLC
$104.6M

STATE OF THE WORKFORCE

NASA's Goddard Space Flight Center strives to enable a culture of inclusion in which all employees feel welcome, respected, connected, and engaged.

One Goddard

More than 10,000 people (including off-site contractors, emeritus employees, and interns).

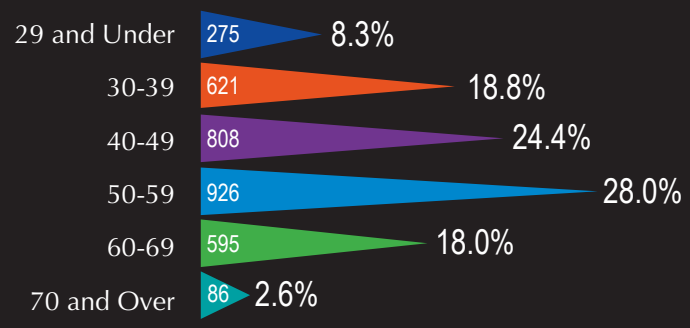
BY GENDER

36.8% Female
63.2% Male

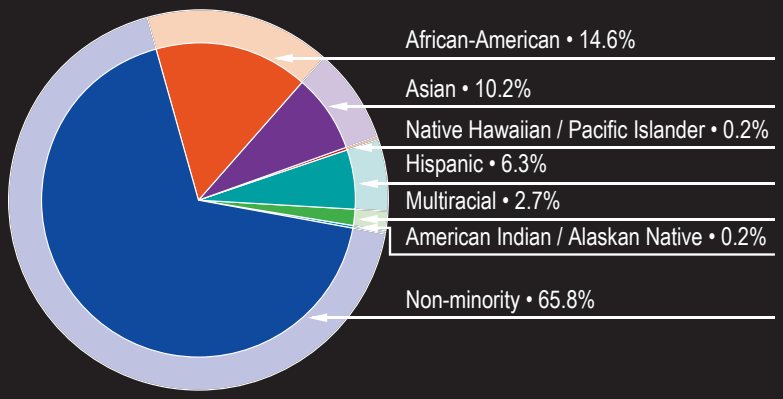
BY DISABILITY

Targeted Disability 2.9%
Non-targeted Disability 7.5%

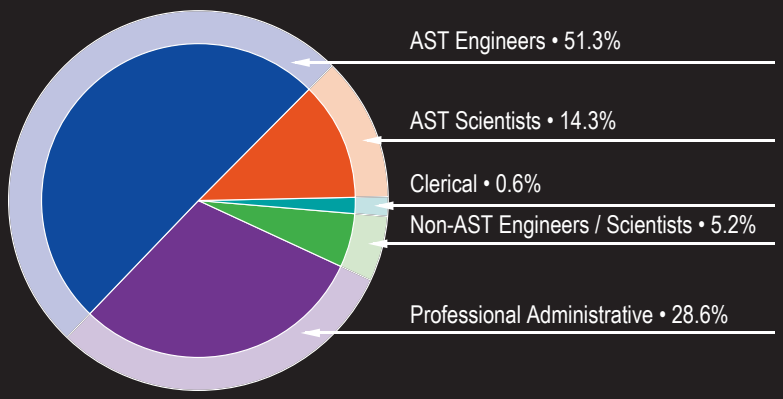
BY AGE GROUP



BY ETHNICITY

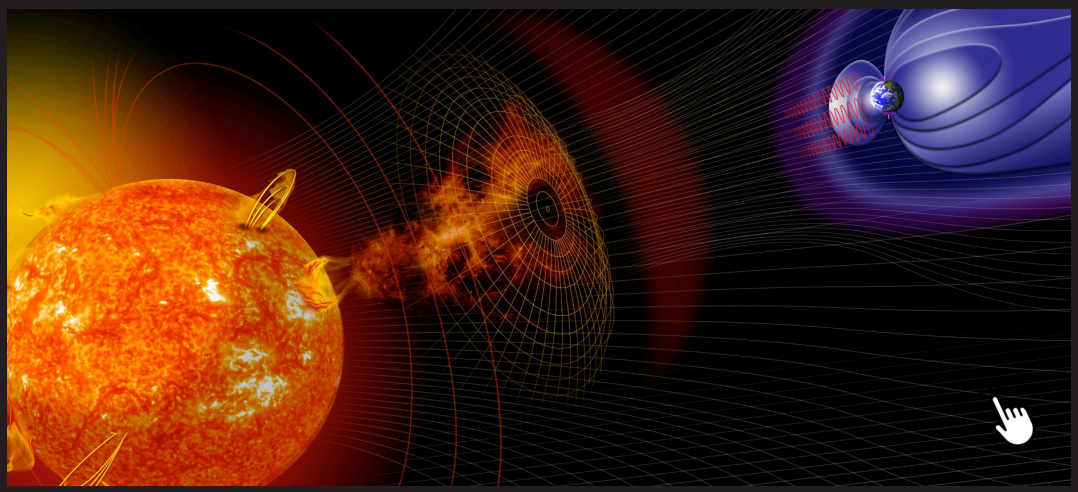


BY SKILL MIX



2023 HIGHLIGHTS

Clockwise from Top, left to right: ROMAN Space Telescope Mission Highlights, DAVINCI Mission Highlights, Heliophysics Focus Area: Space Weather, Webb Space Telescope Image Gallery, OSIRIS-REx TAGs Surface of Asteroid Bennu, and Lucy Mission Highlights.



ONE WORLD-CLASS SCIENCE AND ENGINEERING ORGANIZATION

GODDARD SPACE FLIGHT CENTER MAIN CAMPUS

Greenbelt, Maryland

With its main campus in Greenbelt, Maryland, Goddard is NASA's premier spaceflight complex and home to the nation's largest organization of scientists, engineers, and technologists who build spacecraft, instruments, and new technology to study Earth, the Sun, our solar system, and the universe.

KATHERINE JOHNSON INDEPENDENT VERIFICATION AND VALIDATION FACILITY

Fairmont, West Virginia

The Katherine Johnson Independent Verification & Validation Facility is the home of NASA's Independent Verification & Validation Program, which assures the safety and success of software for the agency's high-profile missions.

WALLOPS FLIGHT FACILITY

Wallops Island, Virginia

Wallops Flight Facility 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.

SIX DISTINCTIVE FACILITIES AND INSTALLATIONS

WHITE SANDS COMPLEX
Las Cruces, New Mexico

The White Sands Complex and its satellite ground terminals provide the hardware and software necessary to ensure uninterrupted communications between spacecraft and control centers.

GODDARD INSTITUTE FOR SPACE STUDIES
New York, New York

Research at the Goddard Institute for Space Studies 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.

COLUMBIA SCIENTIFIC BALLOON FACILITY
Palestine, Texas

The Columbia Scientific Balloon Facility provides the services for launching large research balloons, as well as tracking and recovering the scientific experiments suspended beneath them, for NASA centers and universities worldwide.

FRONT COVER: The OSIRIS-REx capsule lands in the Utah Desert in September 2023.

VISION

Exploring the secrets of the universe for the benefit of all.

MISSION

NASA explores the unknown in air and space, innovates for the benefit of humanity, and inspires the world through discovery.

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For more information, please visit our website:
www.nasa.gov/goddard

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