

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION FY 2022
SPENDING PLAN FOR APPROPRIATIONS PROVIDED BY P.L. 117-103
July 2022
(Budget Authority, \$ in millions)**

	FY 2022 NASA Spending Plan
NASA	24,041.3
SCIENCE	7,610.9
<u>Earth Science</u>	2,061.2
<u>Earth Science Research</u>	541.0
Earth Science Research & Analysis.....	375.9
<i>Carbon Monitoring (non-add)</i>	10.0
Computing & Management	165.1
<u>Earth Systematic Missions</u>	703.8
NASA/ISRO SAR (NISAR).....	70.0
Surface Water and Ocean Topography.....	27.8
Sentinel-6.....	22.8
Landsat 9.....	14.8
PACE.....	54.9
Other Missions and Data Analysis.....	513.5
<i>Climate Absolute Radiance Refractivity Observatory Pathfinder (non-add)</i>	18.5
<i>Decadal Survey (non-add)</i>	100.2
<i>DSCOVR (non-add)</i>	1.7
<u>Earth System Explorers: Other Missions and Data Analysis</u>	4.6
<u>Earth System Science Pathfinder</u>	312.7
Venture Class Missions.....	257.8
<i>GeoCarb (non-add)</i>	39.7
<i>GLIMR (non-add)</i>	43.6
Other Missions and Data Analysis	54.9
<u>Earth Science Data Systems</u>	339.4
<u>Earth Science Technology</u>	86.1
<u>Applied Sciences</u>	73.5
<u>Planetary Science</u>	3,120.4
<u>Planetary Science Research</u>	309.0
Planetary Science Research & Analysis.....	221.3
Other Missions & Data Analysis.....	87.8

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION FY 2022
SPENDING PLAN FOR APPROPRIATIONS PROVIDED BY P.L. 117-103
July 2022
(Budget Authority, \$ in millions)**

	FY 2022 NASA Spending Plan
<u>Planetary Defense</u>	166.0
DART.....	13.8
Planetary Defense OM&DA.....	152.2
<i>NEO Surveyor (non-add)</i>	110.0
<u>Lunar Discovery and Exploration</u>	478.8
VIPER.....	112.2
Other Missions & Data Analysis.....	366.5
<i>Lunar Reconnaissance Orbiter (LRO) (non-add)</i>	22.1
<i>Commercial Lunar Payload Service (CLPS) (non-add)</i>	244.3
<u>Discovery</u>	331.8
Lucy.....	44.6
Psyche.....	163.8
Other Missions & Data Analysis.....	123.4
<i>Venus Technology (non-add)</i>	6.6
<u>New Frontiers</u>	283.7
Dragonfly	219.1
Other Missions & Data Analysis.....	64.6
<u>Mars Exploration</u>	265.0
<u>Mars Sample Return</u>	653.2
<u>Outer Planets and Ocean Worlds</u>	484.3
Jupiter Europa Clipper.....	472.1
Other Missions & Data Analysis.....	12.2
<i>Icy Satellites Surface Technology (non-add)</i>	3.2
<u>Radioisotope Power</u>	148.6
Astrophysics	1,393.5
<u>Astrophysics Research</u>	267.4
Astrophysics Research & Analysis.....	107.4
Balloon Project.....	45.8
Science Activation.....	50.6
Other Missions & Data Analysis.....	63.6

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION FY 2022
SPENDING PLAN FOR APPROPRIATIONS PROVIDED BY P.L. 117-103
July 2022
(Budget Authority, \$ in millions)**

	FY 2022 NASA Spending Plan
<u>Cosmic Origins</u>	188.7
Hubble Space Telescope.....	98.3
Stratospheric Observatory for Infrared Astronomy (SOFIA).....	75.0
Other Missions & Data Analysis.....	15.4
<i>Search for Life Tech Development (non-add)</i>	-
<u>Physics of the Cosmos: Other Missions & Data Analysis</u>	160.0
<u>Exoplanet Exploration</u>	543.0
Nancy Roman Space Telescope.....	501.6
Other Missions & Data Analysis.....	41.4
<i>Search for Life Tech Development (non-add)</i>	-
<u>Astrophysics Explorer</u>	234.4
SPHEREx.....	97.9
Other Missions & Data Analysis.....	136.5
James Webb Space Telescope	175.4
Heliophysics	777.9
<u>Heliophysics Research</u>	218.4
Heliophysics Research & Analysis.....	42.8
Sounding Rockets.....	69.6
Research Range.....	35.9
Other Missions & Data Analysis.....	70.2
<u>Living With a Star</u>	119.7
Other Missions & Data Analysis.....	119.7
<i>Space Weather Science Applications (non-add)</i>	25.0
<u>Solar Terrestrial Probes</u>	229.7
Interstellar Mapping and Acceleration Probe (IMAP).....	166.3
Other Missions & Data Analysis.....	63.4
<i>Magnetospheric MultiScale (non-add)</i>	17.0
<u>Heliophysics Explorer</u>	189.2
<u>Heliophysics Technology</u>	20.9

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION FY 2022
SPENDING PLAN FOR APPROPRIATIONS PROVIDED BY P.L. 117-103
July 2022
(Budget Authority, \$ in millions)**

	FY 2022 NASA Spending Plan
Biological and Physical Sciences	82.5
AERONAUTICS	880.7
Aeronautics	880.7
<u>Airspace Operations and Safety Program</u>	99.1
<u>Advanced Air Vehicles Program</u>	250.3
<i>Hypersonics Technology Project (non-add)</i>	50.0
<i>Hypersonics Advanced Materials (non-add)</i>	-
<i>High-Rate Composite A/C Manufacturing (HiCAM) (non-add)</i>	32.0
<u>Integrated Aviation Systems Program</u>	271.4
<u>Transformative Aero Concepts Program</u>	142.8
<i>Advanced Materials Research</i>	25.0
<u>Aerosciences Evaluation and Test Capabilities (AETC)</u>	117.0
SPACE TECHNOLOGY	1,100.0
Space Technology	1,100.0
<u>Early Stage Innovation and Partnerships</u>	126.3
Agency Technology and Innovation.....	7.4
Early Stage Innovation	99.4
Partnerships and Technology Transfers	19.5
<i>Regional Economic Development (non-add)</i>	6.0
<u>Technology Maturation</u>	257.7
<i>Additive Manufacturing (non-add)</i>	-
<i>On Surface Manufacturing (non-add)</i>	8.8
<i>Lunar Surface Innovation Initiative (LSII) (non-add)</i>	-
<i>Innovative Nanomaterials (non-add)</i>	2.5
<u>Technology Demonstration</u>	489.0
RESTORE/Space Infrastructure Dexterous Robot (OSAM-1).....	227.0
Solar Electric Propulsion (SEP).....	24.2
Small Spacecraft, Flight Opportunities & Other Tech Demonstration	237.8
<i>OSAM-2 (non-add)</i>	8.6
<i>Flight Opportunities (non-add)</i>	27.0
<i>STEM and Early Career Research (non-add)</i>	5.0

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION FY 2022
SPENDING PLAN FOR APPROPRIATIONS PROVIDED BY P.L. 117-103
July 2022
(Budget Authority, \$ in millions)**

	FY 2022 NASA Spending Plan
<i>Nuclear Propulsion (non-add).....</i>	110.0
<i>Flight Demonstration System (non-add).....</i>	80.0
<i>Fission Surface Power (non-add).....</i>	16.9
SBIR & STTR	227.0
EXPLORATION	6,855.1
Human Exploration Capabilities	4,590.7
<u>Orion Program</u>	1,401.7
<u>Space Launch System</u>	2,600.0
SLS Program Integration	73.1
Launch Vehicle Development.....	2,526.9
<i>Block 1B (non-add).....</i>	636.7
<u>Exploration Ground Systems</u>	589.0
Exploration Ground System Development.....	578.9
<i>Second Mobile Launch Platform (MLP-2) non-add.....</i>	65.3
EGS Program Integration and Support.....	10.1
Exploration Research and Development	2,264.4
<u>Advanced Exploration Systems</u>	187.4
<u>Gateway</u>	742.5
<u>Adv Cislunar and Surface Capabilities</u>	70.1
<u>Human Research Program</u>	69.4
<i>Advanced Technologies to Support Air Revitalization Initiative.....</i>	-
<u>Human Landing System</u>	1,195.0
<i>Lunar Lander office (non-add).....</i>	117.0
SPACE OPERATIONS	3,976.9
International Space Station	1,261.8
<u>International Space Station Program</u>	1,261.8
ISS Systems Operations & Maintenance.....	982.4
ISS Research.....	279.4

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION FY 2022
SPENDING PLAN FOR APPROPRIATIONS PROVIDED BY P.L. 117-103
July 2022
(Budget Authority, \$ in millions)**

	FY 2022 NASA Spending Plan
Space Transportation	1,717.9
<u>Crew and Cargo Program</u>	1,569.7
<u>Commercial Crew Program</u>	148.2
Exploration Operations	5.0
<u>Exploration Operations</u>	5.0
Space & Flight Support	891.1
<u>21st Century Space Launch Complex</u>	5.0
<u>Space Communications & Navigation (SCaN)</u>	522.6
Space Communications Networks.....	405.1
Space Communications Support.....	117.5
<u>Human Space Flight Operations</u>	100.8
<u>Launch Services</u>	102.3
<u>Rocket Propulsion Test</u>	47.8
<u>Communications Services Program</u>	42.0
<u>Human Research Program</u>	70.6
Commercial LEO Development	101.1
STEM ENGAGEMENT	137.0
STEM Engagement	137.0
<u>STEM Engagement Program</u>	137.0
NASA Space Grant.....	54.5
EPSCoR.....	26.0
Minority University Research Education Program.....	43.0
Next Gen STEM (STEM Education & Accountability Projects).....	13.5
SAFETY, SECURITY AND MISSION SERVICES	3,020.6

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION FY 2022
SPENDING PLAN FOR APPROPRIATIONS PROVIDED BY P.L. 117-103
July 2022
(Budget Authority, \$ in millions)**

	FY 2022 NASA Spending Plan
Mission Services and Capabilities	1,987.2
<u>Information Technology</u>	581.4
<u>Mission Enabling Services</u>	733.8
<u>Infrastructure & Technical Capabilities</u>	672.0
Engineering, Safety and Operations	1,033.4
<u>Agency Technical Authority</u>	190.0
IV&V	39.4
<u>Center Engineering, Safety & Operations</u>	843.4
Community Projects/Special Projects (non-add).....	22.7
STT Education Trust Fund Grant Disbursements (non-add).....	1.0
CONSTRUCTION & ENVIRONMENTAL COMPLIANCE & REST.	414.8
Construction of Facilities (CoF)	340.1
<u>Aeronautics CoF</u>	-
<u>Institutional CoF</u>	225.8
<u>Exploration CoF</u>	90.3
<u>Space Operations CoF</u>	20.5
<u>Science CoF</u>	3.5
Environmental Compliance & Restoration	74.7
OFFICE OF INSPECTOR GENERAL	45.3