

# NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

## Federal Funds

### SCIENCE

For necessary expenses, not otherwise provided for, in the conduct and support of science research and development activities, including research, development, operations, support, and services; maintenance and repair, facility planning and design; space flight, spacecraft control, and communications activities; program management; personnel and related costs, including uniforms or allowances therefor, as authorized by sections 5901 and 5902 of title 5, United States Code; travel expenses; purchase and hire of passenger motor vehicles; and purchase, lease, charter, maintenance, and operation of mission and administrative aircraft, **[\$5,151,200,000] \$4,972,000,000**, to remain available until September 30, **[2015: *Provided*, That the formulation and development costs (with development cost as defined under section 30104 of title 51, United States Code) for the James Webb Space Telescope shall not exceed \$8,000,000,000: *Provided further*, That should the individual identified under subsection (c)(2)(E) of section 30104 of title 51, United States Code, as responsible for the James Webb Space Telescope determine that the development cost of the program is likely to exceed that limitation, the individual shall immediately notify the Administrator and the increase shall be treated as if it meets the 30 percent threshold described in subsection (f) of section 30104: *Provided further*, That \$80,000,000 shall be for pre-formulation and/or formulation activities for a mission that meets the science goals outlined for the Jupiter Europa mission in the most recent planetary science decadal survey]** 2016. (*Science Appropriations Act, 2014*.)

### Program and Financing (in millions of dollars)

Identification code 80-0120-0-1-252	2013 actual	2014 est.	2015 est.
<b>Obligations by program activity:</b>			
0001 Direct program activity .....	4,718	5,151	4,972
<b>Budgetary Resources:</b>			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1 .....	63	172	172
1021 Recoveries of prior year unpaid obligations .....	52		
1050 Unobligated balance (total) .....	115	172	172
Budget authority:			
Appropriations, discretionary:			
1100 Appropriation .....	5,144	5,151	4,972
1130 Appropriations permanently reduced .....	-362		
1160 Appropriation, discretionary (total) .....	4,782	5,151	4,972
1930 Total budgetary resources available .....	4,897	5,323	5,144
Memorandum (non-add) entries:			
1940 Unobligated balance expiring .....	-7		
1941 Unexpired unobligated balance, end of year .....	172	172	172
<b>Change in obligated balance:</b>			
Unpaid obligations:			
3000 Unpaid obligations, brought forward, Oct 1 .....	3,074	3,032	3,027
3010 Obligations incurred, unexpired accounts .....	4,718	5,151	4,972
3011 Obligations incurred, expired accounts .....	37		
3020 Outlays (gross) .....	-4,704	-5,156	-5,055
3040 Recoveries of prior year unpaid obligations, unexpired .....	-52		
3041 Recoveries of prior year unpaid obligations, expired .....	-41		
3050 Unpaid obligations, end of year .....	3,032	3,027	2,944
Memorandum (non-add) entries:			
3100 Obligated balance, start of year .....	3,074	3,032	3,027
3200 Obligated balance, end of year .....	3,032	3,027	2,944
<b>Budget authority and outlays, net:</b>			
Discretionary:			
4000 Budget authority, gross .....	4,782	5,151	4,972
Outlays, gross:			
4010 Outlays from new discretionary authority .....	2,054	2,525	2,437
4011 Outlays from discretionary balances .....	2,650	2,631	2,618
4020 Outlays, gross (total) .....	4,704	5,156	5,055
Offsets against gross budget authority and outlays:			
Offsetting collections (collected) from:			
4033 Non-Federal sources .....	-1		

Additional offsets against gross budget authority only:				
4052	Offsetting collections credited to expired accounts .....	1		
4070	Budget authority, net (discretionary) .....	4,782	5,151	4,972
4080	Outlays, net (discretionary) .....	4,703	5,156	5,055
4180	Budget authority, net (total) .....	4,782	5,151	4,972
4190	Outlays, net (total) .....	4,703	5,156	5,055

The Science appropriation provides for NASA's science mission, which is comprised of the agency's Earth and space science programs: Earth Science, Planetary Science, Heliophysics, the James Webb Space Telescope, and Astrophysics. These programs seek to answer fundamental questions concerning the ways in which Earth's climate is changing; the comparison of Earth with other planets in the solar system and around other stars; the connections among the Sun, Earth, and heliosphere; and the origin and evolution of planetary systems, the galaxy, and the universe, including the origin and distribution of life in the universe. Program objectives are pursued through robotic flight missions, ground-based scientific research and data analysis, and the development of new technologies for future missions.

The Science appropriation provides for all of the research, development, operations, salaries and related expenses, and other general and administrative activities required to execute the programs within this account. Costs include labor, travel, procurement, and test and fabrication costs. Detailed performance goals associated with these activities are addressed in NASA's detailed budget request.

### Object Classification (in millions of dollars)

Identification code 80-0120-0-1-252	2013 actual	2014 est.	2015 est.
<b>Direct obligations:</b>			
Personnel compensation:			
11.1 Full-time permanent .....	224	230	231
11.3 Other than full-time permanent .....	13	7	7
11.5 Other personnel compensation .....	2	2	2
11.9 Total personnel compensation .....	239	239	240
12.1 Civilian personnel benefits .....	60	66	67
21.0 Travel and transportation of persons .....	18	20	19
22.0 Transportation of things .....	3	3	3
23.2 Rental payments to others .....	2	2	2
23.3 Communications, utilities, and miscellaneous charges .....	4	4	4
24.0 Printing and reproduction .....	1	1	1
25.1 Advisory and assistance services .....	101	110	107
25.2 Other services from non-Federal sources .....	200	219	212
25.3 Other goods and services from Federal sources .....	179	196	189
25.4 Operation and maintenance of facilities .....	15	16	16
25.5 Research and development contracts .....	3,178	3,485	3,352
25.7 Operation and maintenance of equipment .....	80	88	85
26.0 Supplies and materials .....	26	29	27
31.0 Equipment .....	34	37	36
32.0 Land and structures .....	6	7	6
41.0 Grants, subsidies, and contributions .....	572	629	606
99.9 Total new obligations .....	4,718	5,151	4,972

### Employment Summary

Identification code 80-0120-0-1-252	2013 actual	2014 est.	2015 est.
1001 Direct civilian full-time equivalent employment .....	1,991	1,936	1,899

## AERONAUTICS

For necessary expenses, not otherwise provided for, in the conduct and support of aeronautics research and development activities, including research, development, operations, support, and services; maintenance and repair, facility planning and design; space flight, spacecraft control, and communications activities; program management; personnel and related costs, including uniforms or allowances therefor, as authorized by sections 5901 and 5902 of title 5, United States Code; travel expenses;

## AERONAUTICS—Continued

purchase and hire of passenger motor vehicles; and purchase, lease, charter, maintenance, and operation of mission and administrative aircraft, **[\$566,000,000] \$551,100,000**, to remain available until September 30, **[2015] 2016**. (*Science Appropriations Act, 2014*.)

## Program and Financing (in millions of dollars)

Identification code 80–0126–0–1–402	2013 actual	2014 est.	2015 est.
<b>Obligations by program activity:</b>			
0001 Direct program activity .....	542	566	551
<b>Budgetary Resources:</b>			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1 .....	17	13	13
1021 Recoveries of prior year unpaid obligations .....	8		
1050 Unobligated balance (total) .....	25	13	13
Budget authority:			
Appropriations, discretionary:			
1100 Appropriation .....	570	566	551
1130 Appropriations permanently reduced .....	–40		
1160 Appropriation, discretionary (total) .....	530	566	551
1930 Total budgetary resources available .....	555	579	564
Memorandum (non-add) entries:			
1941 Unexpired unobligated balance, end of year .....	13	13	13
<b>Change in obligated balance:</b>			
Unpaid obligations:			
3000 Unpaid obligations, brought forward, Oct 1 .....	259	234	330
3010 Obligations incurred, unexpired accounts .....	542	566	551
3020 Outlays (gross) .....	–558	–470	–558
3040 Recoveries of prior year unpaid obligations, unexpired .....	–8		
3041 Recoveries of prior year unpaid obligations, expired .....	–1		
3050 Unpaid obligations, end of year .....	234	330	323
Memorandum (non-add) entries:			
3100 Obligated balance, start of year .....	259	234	330
3200 Obligated balance, end of year .....	234	330	323
<b>Budget authority and outlays, net:</b>			
Discretionary:			
4000 Budget authority, gross .....	530	566	551
Outlays, gross:			
4010 Outlays from new discretionary authority .....	326	277	270
4011 Outlays from discretionary balances .....	232	193	288
4020 Outlays, gross (total) .....	558	470	558
4180 Budget authority, net (total) .....	530	566	551
4190 Outlays, net (total) .....	558	470	558

This appropriation provides for the full costs associated with NASA's Aeronautics Research mission which aims to expand the boundaries of aeronautical knowledge for the benefit of the nation and the broad aeronautics community. The mission is managed by NASA's Aeronautics Research Mission Directorate, and consists of the following integrated research programs: Airspace Operations and Safety, Advanced Air Vehicles, Integrated Aviation Systems, and Transformative Aeronautics Concepts. Full costs of these programs cover all of the research; development; operations; salaries and related expenses; and other general and administrative activities required to execute the programs. Costs include labor, travel, procurement, test, and fabrication costs. Detailed performance goals associated with these activities are addressed in NASA's detailed budget request.

## Object Classification (in millions of dollars)

Identification code 80–0126–0–1–402	2013 actual	2014 est.	2015 est.
Direct obligations:			
Personnel compensation:			
11.1 Full-time permanent .....	136	145	144
11.3 Other than full-time permanent .....	6	4	5
11.9 Total personnel compensation .....	142	149	149
12.1 Civilian personnel benefits .....	39	41	39
21.0 Travel and transportation of persons .....	6	6	6
22.0 Transportation of things .....	1	1	1

23.3 Communications, utilities, and miscellaneous charges .....	7	7	7
25.1 Advisory and assistance services .....	9	10	9
25.2 Other services from non-Federal sources .....	22	23	22
25.3 Other goods and services from Federal sources .....	8	8	8
25.4 Operation and maintenance of facilities .....	30	31	29
25.5 Research and development contracts .....	187	196	190
25.7 Operation and maintenance of equipment .....	26	27	26
26.0 Supplies and materials .....	9	9	9
31.0 Equipment .....	23	24	23
32.0 Land and structures .....	5	5	5
41.0 Grants, subsidies, and contributions .....	28	29	28
99.9 Total new obligations .....	542	566	551

## Employment Summary

Identification code 80–0126–0–1–402	2013 actual	2014 est.	2015 est.
1001 Direct civilian full-time equivalent employment .....	1,321	1,282	1,247

## SPACE TECHNOLOGY

For necessary expenses, not otherwise provided for, in the conduct and support of space research and technology development activities, including research, development, operations, support, and services; maintenance and repair, facility planning and design; space flight, spacecraft control, and communications activities; program management; personnel and related costs, including uniforms or allowances therefor, as authorized by sections 5901 and 5902 of title 5, United States Code; travel expenses; purchase and hire of passenger motor vehicles; and purchase, lease, charter, maintenance, and operation of mission and administrative aircraft, **[\$576,000,000] \$705,500,000**, to remain available until September 30, **[2015] 2016**. (*Science Appropriations Act, 2014*.)

## Program and Financing (in millions of dollars)

Identification code 80–0131–0–1–252	2013 actual	2014 est.	2015 est.
<b>Obligations by program activity:</b>			
0001 Direct program activity .....	624	576	706
<b>Budgetary Resources:</b>			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1 .....	14	12	12
1021 Recoveries of prior year unpaid obligations .....	7		
1050 Unobligated balance (total) .....	21	12	12
Budget authority:			
Appropriations, discretionary:			
1100 Appropriation .....	642	576	706
1121 Appropriations transferred from Space Operations [80–0115] .....	9		
1121 Appropriations transferred from Education [80–0128] .....	6		
1130 Appropriations permanently reduced .....	–42		
1160 Appropriation, discretionary (total) .....	615	576	706
1930 Total budgetary resources available .....	636	588	718
Memorandum (non-add) entries:			
1941 Unexpired unobligated balance, end of year .....	12	12	12
<b>Change in obligated balance:</b>			
Unpaid obligations:			
3000 Unpaid obligations, brought forward, Oct 1 .....	293	357	456
3010 Obligations incurred, unexpired accounts .....	624	576	706
3020 Outlays (gross) .....	–553	–477	–657
3040 Recoveries of prior year unpaid obligations, unexpired .....	–7		
3050 Unpaid obligations, end of year .....	357	456	505
Memorandum (non-add) entries:			
3100 Obligated balance, start of year .....	293	357	456
3200 Obligated balance, end of year .....	357	456	505
<b>Budget authority and outlays, net:</b>			
Discretionary:			
4000 Budget authority, gross .....	615	576	706
Outlays, gross:			
4010 Outlays from new discretionary authority .....	303	202	247
4011 Outlays from discretionary balances .....	250	275	410
4020 Outlays, gross (total) .....	553	477	657
4180 Budget authority, net (total) .....	615	576	706
4190 Outlays, net (total) .....	553	477	657

This appropriation provides for the full costs associated with program activities under the NASA Space Technology Mission Directorate which conducts research and development in space technologies serving multiple customers within NASA, private industry, academia, and other government agencies. The full costs provide for all of the research; development; operations; salaries and related expenses; and other general and administrative activities required to execute the programs within this account. Costs include labor, travel, procurement, and those associated with fabrication, tests and flight demonstrations. The Space Technology appropriation also supports the operations of the NASA Office of the Chief Technologist.

The programs within Space Technology enable new missions by drawing on talent from the NASA workforce, academia, small businesses and the broader space enterprise to deliver innovative solutions that dramatically improve technological capabilities for NASA and the Nation. The appropriation funds several programs, including Partnership Development & Strategic Integration, Small Business Innovative Research (SBIR), Small Business Technology Transfer (STTR), Crosscutting Space Technology Development, and Exploration Technology Development.

#### Object Classification (in millions of dollars)

Identification code 80-0131-0-1-252	2013 actual	2014 est.	2015 est.
Direct obligations:			
Personnel compensation:			
11.1 Full-time permanent .....	102	95	91
11.3 Other than full-time permanent .....	6	2	2
11.5 Other personnel compensation .....	3	1	1
11.9 Total personnel compensation .....	111	98	94
12.1 Civilian personnel benefits .....	31	28	26
21.0 Travel and transportation of persons .....	5	5	5
22.0 Transportation of things .....	1	1	1
25.1 Advisory and assistance services .....	28	26	26
25.2 Other services from non-Federal sources .....	23	21	21
25.3 Other goods and services from Federal sources .....	4	4	4
25.4 Operation and maintenance of facilities .....	5	5	5
25.5 Research and development contracts .....	372	346	471
25.7 Operation and maintenance of equipment .....	5	5	6
26.0 Supplies and materials .....	5	5	6
31.0 Equipment .....	6	6	7
41.0 Grants, subsidies, and contributions .....	25	23	30
99.0 Direct obligations .....	621	573	702
99.5 Below reporting threshold .....	3	3	4
99.9 Total new obligations .....	624	576	706

#### Employment Summary

Identification code 80-0131-0-1-252	2013 actual	2014 est.	2015 est.
1001 Direct civilian full-time equivalent employment .....	846	837	784

#### EXPLORATION

For necessary expenses, not otherwise provided for, in the conduct and support of exploration research and development activities, including research, development, operations, support, and services; maintenance and repair, facility planning and design; space flight, spacecraft control, and communications activities; program management; personnel and related costs, including uniforms or allowances therefor, as authorized by sections 5901 and 5902 of title 5, United States Code; travel expenses; purchase and hire of passenger motor vehicles; and purchase, lease, charter, maintenance, and operation of mission and administrative aircraft, **[\$4,113,200,000]** \$3,976,000,000, to remain available until September 30, **[2015: Provided, That not less than \$1,197,000,000 shall be for the Orion Multi-Purpose Crew Vehicle: Provided further, That not less than \$1,918,200,000 shall be for the Space Launch System, which shall have a lift capability not less than 130 metric tons and which shall have an upper stage and other core elements developed simultaneously:**

*Provided further, That of the funds made available for the Space Launch System, \$1,600,000,000 shall be for launch vehicle development and \$318,200,000 shall be for exploration ground systems: Provided further, That funds made available for the Orion Multi-Purpose Crew Vehicle and Space Launch System are in addition to funds provided for these programs under the "Construction and Environmental Compliance and Restoration" heading: Provided further, That \$696,000,000 shall be for commercial spaceflight activities, of which \$171,000,000 shall be made available after the Administrator of the National Aeronautics and Space Administration has certified that the commercial crew program has undergone an independent benefit-cost analysis that takes into consideration the total Federal investment in the commercial crew program and the expected operational life of the International Space Station as described in the explanatory statement described in section 4 (in the matter preceding division A of this consolidated Act): Provided further, That \$302,000,000 shall be for exploration research and development.] 2016. (Science Appropriations Act, 2014.)*

#### Program and Financing (in millions of dollars)

Identification code 80-0124-0-1-252	2013 actual	2014 est.	2015 est.
<b>Obligations by program activity:</b>			
0001 Direct program activity .....	3,797	3,942	3,976
<b>Budgetary Resources:</b>			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1 .....	91	34	205
1021 Recoveries of prior year unpaid obligations .....	46		
1050 Unobligated balance (total) .....	137	34	205
Budget authority:			
Appropriations, discretionary:			
1100 Appropriation .....	3,887	4,113	3,976
1120 Appropriations transferred to Space Operations [80-0115] .....	-3		
1120 Appropriations transferred to CECR [80-0130] .....	-50		
1121 Appropriations transferred from Space Operations [80-0115] .....	92		
1121 Appropriations transferred from CECR [80-0130] .....	50		
1130 Appropriations permanently reduced .....	-270		
1160 Appropriation, discretionary (total) .....	3,706	4,113	3,976
1900 Budget authority (total) .....	3,706	4,113	3,976
1930 Total budgetary resources available .....	3,843	4,147	4,181
Memorandum (non-add) entries:			
1940 Unobligated balance expiring .....	-12		
1941 Unexpired unobligated balance, end of year .....	34	205	205
<b>Change in obligated balance:</b>			
Unpaid obligations:			
3000 Unpaid obligations, brought forward, Oct 1 .....	1,950	1,672	1,621
3010 Obligations incurred, unexpired accounts .....	3,797	3,942	3,976
3011 Obligations incurred, expired accounts .....	5		
3020 Outlays (gross) .....	-4,028	-3,993	-4,007
3040 Recoveries of prior year unpaid obligations, unexpired .....	-46		
3041 Recoveries of prior year unpaid obligations, expired .....	-6		
3050 Unpaid obligations, end of year .....	1,672	1,621	1,590
Memorandum (non-add) entries:			
3100 Obligated balance, start of year .....	1,950	1,672	1,621
3200 Obligated balance, end of year .....	1,672	1,621	1,590
<b>Budget authority and outlays, net:</b>			
Discretionary:			
4000 Budget authority, gross .....	3,706	4,113	3,976
Outlays, gross:			
4010 Outlays from new discretionary authority .....	2,098	2,468	2,386
4011 Outlays from discretionary balances .....	1,930	1,525	1,621
4020 Outlays, gross (total) .....	4,028	3,993	4,007
4180 Budget authority, net (total) .....	3,706	4,113	3,976
4190 Outlays, net (total) .....	4,028	3,993	4,007

This appropriation provides for costs associated with NASA's development of systems and capabilities required for human exploration of space, including U.S. crew access to the International Space Station. The systems and capabilities include launch and crew vehicles for missions beyond low Earth orbit, an affordable, competitive commercial crew capability that offers access to the Space Station, technologies and countermeasures to keep astro-

## EXPLORATION—Continued

nauts healthy and functional during deep space missions, and technologies to reduce launch mass and the cost of deep space missions. The full costs provide for the research; development; operations; salaries and related expenses; and other general and administrative activities required to execute the programs within this account. Costs include labor, travel, procurement, test and fabrication costs. Detailed performance goals associated with these activities are addressed in NASA's detailed budget request.

NASA's human space exploration programs include the Space Launch System, the Orion Multi-Purpose Crew Vehicle, Exploration Ground Systems, Commercial Crew, Advanced Exploration Systems, and Human Research. The programs are managed by NASA's Human Exploration and Operations Mission Directorate, which also manages programs in the Space Operations account.

## Object Classification (in millions of dollars)

Identification code 80-0124-0-1-252	2013 actual	2014 est.	2015 est.
Direct obligations:			
Personnel compensation:			
11.1 Full-time permanent .....	337	340	342
11.3 Other than full-time permanent .....	7	3	3
11.5 Other personnel compensation .....	1	1	1
11.9 Total personnel compensation .....	345	344	346
12.1 Civilian personnel benefits .....	98	100	101
13.0 Benefits for former personnel .....	1	1	1
21.0 Travel and transportation of persons .....	13	14	14
22.0 Transportation of things .....	1	1	1
23.3 Communications, utilities, and miscellaneous charges .....	8	8	8
25.1 Advisory and assistance services .....	222	231	234
25.2 Other services from non-Federal sources .....	26	27	27
25.3 Other goods and services from Federal sources .....	42	44	44
25.4 Operation and maintenance of facilities .....	144	150	152
25.5 Research and development contracts .....	2,705	2,822	2,846
25.7 Operation and maintenance of equipment .....	75	78	79
26.0 Supplies and materials .....	25	26	26
31.0 Equipment .....	18	19	19
32.0 Land and structures .....	5	5	5
41.0 Grants, subsidies, and contributions .....	68	71	72
99.0 Direct obligations .....	3,796	3,941	3,975
99.5 Below reporting threshold .....	1	1	1
99.9 Total new obligations .....	3,797	3,942	3,976

## Employment Summary

Identification code 80-0124-0-1-252	2013 actual	2014 est.	2015 est.
1001 Direct civilian full-time equivalent employment .....	2,973	2,959	2,907

## EDUCATION

For necessary expenses, not otherwise provided for, in carrying out aerospace and aeronautical education research and development activities, including research, development, operations, support, and services; program management; personnel and related costs, including uniforms or allowances therefor, as authorized by sections 5901 and 5902 of title 5, United States Code; travel expenses; purchase and hire of passenger motor vehicles; and purchase, lease, charter, maintenance, and operation of mission and administrative aircraft, **[\$116,600,000] \$88,900,000**, to remain available until September 30, **[2015, of which \$18,000,000 shall be for the Experimental Program to Stimulate Competitive Research and \$40,000,000 shall be for the National Space Grant College program] 2016. (Science Appropriations Act, 2014.)**

## Program and Financing (in millions of dollars)

Identification code 80-0128-0-1-252	2013 actual	2014 est.	2015 est.
Obligations by program activity:			
0001 Direct program activity .....	120	117	89

## Budgetary Resources:

Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1 .....	18	15	15
1021 Recoveries of prior year unpaid obligations .....	1		
1050 Unobligated balance (total) .....	19	15	15
Budget authority:			
Appropriations, discretionary:			
1100 Appropriation .....	125	117	89
1120 Appropriations transferred to other accts [80-0131] .....	-6		
1130 Appropriations permanently reduced .....	-3		
1160 Appropriation, discretionary (total) .....	116	117	89
1930 Total budgetary resources available .....	135	132	104
Memorandum (non-add) entries:			
1941 Unexpired unobligated balance, end of year .....	15	15	15

## Change in obligated balance:

Unpaid obligations:			
3000 Unpaid obligations, brought forward, Oct 1 .....	178	164	146
3010 Obligations incurred, unexpired accounts .....	120	117	89
3011 Obligations incurred, expired accounts .....	2		
3020 Outlays (gross) .....	-132	-135	-126
3040 Recoveries of prior year unpaid obligations, unexpired .....	-1		
3041 Recoveries of prior year unpaid obligations, expired .....	-3		
3050 Unpaid obligations, end of year .....	164	146	109
Memorandum (non-add) entries:			
3100 Obligated balance, start of year .....	178	164	146
3200 Obligated balance, end of year .....	164	146	109

## Budget authority and outlays, net:

Discretionary:			
4000 Budget authority, gross .....	116	117	89
Outlays, gross:			
4010 Outlays from new discretionary authority .....	27	23	18
4011 Outlays from discretionary balances .....	105	112	108
4020 Outlays, gross (total) .....	132	135	126
4180 Budget authority, net (total) .....	116	117	89
4190 Outlays, net (total) .....	132	135	126

This appropriation provides for the full costs associated with NASA's education activities within the Office of Education. NASA's Education program works to educate and inspire students at all levels to pursue careers in the fields of science, technology, engineering, and mathematics (STEM). The full costs provide for all of the research; development; operations; salaries and related expenses; and other general and administrative activities required to execute the programs within this account. Costs include labor, travel, procurement, test and fabrication costs.

The Budget continues NASA's efforts to consolidate its education efforts into a more focused portfolio funded through the Office of Education. Additionally, the Budget provides \$15 million to NASA's Science Mission Directorate to fund the best application of NASA Science assets to meet the Nation's STEM education goals. In support of the Administration's STEM reorganization initiative, NASA will continue to work closely with other agencies and stakeholders to reach a wider group of students and teachers and to support key areas identified by the Federal STEM Education 5-Year Strategic Plan.

NASA's Education appropriation funds a portfolio of activities that provides opportunities to a diverse audience of educators and learners, including women, minorities, and persons with disabilities. NASA will continue to improve STEM education through an internal competitive process that invests in NASA's most effective education programs. NASA's investments will include support for Minority Serving Institutions and community colleges, which generally serve a high proportion of minority students, preparing them for study at a four-year institution.

## Object Classification (in millions of dollars)

Identification code 80-0128-0-1-252	2013 actual	2014 est.	2015 est.
Direct obligations:			
11.1 Personnel compensation: Full-time permanent .....	5	6	7
12.1 Civilian personnel benefits .....	2	2	2

21.0	Travel and transportation of persons .....	1	1	1
25.1	Advisory and assistance services .....	3	3	2
25.2	Other services from non-Federal sources .....	5	5	4
25.4	Operation and maintenance of facilities .....	1	1	1
25.5	Research and development contracts .....	7	7	6
25.7	Operation and maintenance of equipment .....	3	3	2
41.0	Grants, subsidies, and contributions .....	93	89	64
99.9	Total new obligations .....	120	117	89

**Employment Summary**

Identification code 80-0128-0-1-252	2013 actual	2014 est.	2015 est.
1001 Direct civilian full-time equivalent employment .....	50	59	59

**CROSS AGENCY SUPPORT**

For necessary expenses, not otherwise provided for, in the conduct and support of science, aeronautics, *space technology*, exploration, space operations and education research and development activities, including research, development, operations, support, and services; maintenance and repair, facility planning and design; space flight, spacecraft control, and communications activities; program management; personnel and related costs, including uniforms or allowances therefor, as authorized by sections 5901 and 5902 of title 5, United States Code; travel expenses; purchase and hire of passenger motor vehicles; not to exceed \$63,000 for official reception and representation expenses; and purchase, lease, charter, maintenance, and operation of mission and administrative aircraft, **[\$2,793,000,000] \$2,778,600,000**, to remain available until September 30, **[2015: *Provided*, That not less than \$39,100,000 shall be available for independent verification and validation activities] 2016. (Science Appropriations Act, 2014.)**

**Program and Financing** (in millions of dollars)

Identification code 80-0122-0-1-252	2013 actual	2014 est.	2015 est.
<b>Obligations by program activity:</b>			
0001 Direct program activity .....	2,736	2,793	2,779
0801 Reimbursable program .....	2,303	2,738	2,586
0900 Total new obligations .....	5,039	5,531	5,365
<b>Budgetary Resources:</b>			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1 .....	370	281	210
1021 Recoveries of prior year unpaid obligations .....	35		
1050 Unobligated balance (total) .....	405	281	210
Budget authority:			
Appropriations, discretionary:			
1100 Appropriation .....	2,823	2,793	2,779
1130 Appropriations permanently reduced .....	-112		
1160 Appropriation, discretionary (total) .....	2,711	2,793	2,779
Spending authority from offsetting collections, discretionary:			
1700 Collected .....	2,393	2,667	2,670
1701 Change in uncollected payments, Federal sources .....	-187		
1750 Spending auth from offsetting collections, disc (total) .....	2,206	2,667	2,670
1900 Budget authority (total) .....	4,917	5,460	5,449
1930 Total budgetary resources available .....	5,322	5,741	5,659
Memorandum (non-add) entries:			
1940 Unobligated balance expiring .....	-2		
1941 Unexpired unobligated balance, end of year .....	281	210	294
<b>Change in obligated balance:</b>			
Unpaid obligations:			
3000 Unpaid obligations, brought forward, Oct 1 .....	2,086	1,816	2,312
3010 Obligations incurred, unexpired accounts .....	5,039	5,531	5,365
3011 Obligations incurred, expired accounts .....	11		
3020 Outlays (gross) .....	-5,274	-5,035	-5,571
3040 Recoveries of prior year unpaid obligations, unexpired .....	-35		
3041 Recoveries of prior year unpaid obligations, expired .....	-11		
3050 Unpaid obligations, end of year .....	1,816	2,312	2,106
Uncollected payments:			
3060 Uncollected pymts, Fed sources, brought forward, Oct 1 .....	-1,313	-1,048	-1,048
3070 Change in uncollected pymts, Fed sources, unexpired .....	187		
3071 Change in uncollected pymts, Fed sources, expired .....	78		

3090 Uncollected pymts, Fed sources, end of year .....	-1,048	-1,048	-1,048
Memorandum (non-add) entries:			
3100 Obligated balance, start of year .....	773	768	1,264
3200 Obligated balance, end of year .....	768	1,264	1,058

**Budget authority and outlays, net:**

Discretionary:			
4000 Budget authority, gross .....	4,917	5,460	5,449
Outlays, gross:			
4010 Outlays from new discretionary authority .....	3,166	4,369	4,360
4011 Outlays from discretionary balances .....	2,108	666	1,211
4020 Outlays, gross (total) .....	5,274	5,035	5,571
Offsets against gross budget authority and outlays:			
Offsetting collections (collected) from:			
4030 Federal sources .....	-2,292	-2,427	-2,427
4033 Non-Federal sources .....	-183	-240	-243
4040 Offsets against gross budget authority and outlays (total) ....	-2,475	-2,667	-2,670
Additional offsets against gross budget authority only:			
4050 Change in uncollected pymts, Fed sources, unexpired .....	187		
4052 Offsetting collections credited to expired accounts .....	82		
4060 Additional offsets against budget authority only (total) .....	269		
4070 Budget authority, net (discretionary) .....	2,711	2,793	2,779
4080 Outlays, net (discretionary) .....	2,799	2,368	2,901
4180 Budget authority, net (total) .....	2,711	2,793	2,779
4190 Outlays, net (total) .....	2,799	2,368	2,901

This appropriation provides for NASA's supporting functions associated with the science, aeronautics, space technology, education, space operations, exploration, and construction and environmental compliance and restoration activities of the agency. This account provides for the operations and maintenance; salaries and related expenses; and other general and administrative activities supporting the programs within the Agency's six mission accounts.

Cross Agency Support provides a strategic focus for managing agency mission support functions and some of NASA's unique research facilities. Center Management and Operations includes the basic costs to manage and operate each of the nine NASA field centers and to maintain the technical capabilities required to support the Agency's Mission. This Budget is not directly identified or aligned to a specific program or project requirement, but is necessary for efficient and effective administration and operation of the NASA Centers.

Agency Management and Operations provides for the management and oversight of Agency programs, the performance of Agency-wide activities and functions, and the maintenance of unique research capabilities and facilities. Responsibilities include the determination of programs and projects; establishment of management policies, procedures, and performance criteria; evaluation of progress; and the coordination and integration of all phases of the Agency's mission.

**Object Classification** (in millions of dollars)

Identification code 80-0122-0-1-252	2013 actual	2014 est.	2015 est.
<b>Direct obligations:</b>			
Personnel compensation:			
11.1 Full-time permanent .....	798	899	910
11.3 Other than full-time permanent .....	27	23	23
11.5 Other personnel compensation .....	26	7	7
11.8 Special personal services payments .....	2	1	1
Total personnel compensation .....	853	930	941
12.1 Civilian personnel benefits .....	226	257	260
13.0 Benefits for former personnel .....	8	3	3
21.0 Travel and transportation of persons .....	15	15	15
22.0 Transportation of things .....	5	5	5
23.1 Rental payments to GSA .....	31	31	30
23.2 Rental payments to others .....	3	3	3
23.3 Communications, utilities, and miscellaneous charges .....	74	73	72
24.0 Printing and reproduction .....	4	4	4
25.1 Advisory and assistance services .....	176	174	171
25.2 Other services from non-Federal sources .....	272	269	261
25.3 Other goods and services from Federal sources .....	46	45	45
25.4 Operation and maintenance of facilities .....	251	248	240

## CROSS AGENCY SUPPORT—Continued

## Object Classification—Continued

Identification code 80-0122-0-1-252		2013 actual	2014 est.	2015 est.
25.5	Research and development contracts .....	193	191	188
25.6	Medical care .....	6	6	6
25.7	Operation and maintenance of equipment .....	447	414	411
26.0	Supplies and materials .....	17	17	17
31.0	Equipment .....	35	35	34
32.0	Land and structures .....	55	54	54
41.0	Grants, subsidies, and contributions .....	19	19	19
99.0	Direct obligations .....	2,736	2,793	2,779
99.0	Reimbursable obligations .....	2,303	2,738	2,586
99.9	Total new obligations .....	5,039	5,531	5,365

## Employment Summary

Identification code 80-0122-0-1-252		2013 actual	2014 est.	2015 est.
1001	Direct civilian full-time equivalent employment .....	7,662	7,883	7,795
2001	Reimbursable civilian full-time equivalent employment .....	418	327	327

## CONSTRUCTION AND ENVIRONMENTAL COMPLIANCE AND RESTORATION

For necessary expenses for construction of facilities including repair, rehabilitation, revitalization, and modification of facilities, construction of new facilities and additions to existing facilities, facility planning and design, and restoration, and acquisition or condemnation of real property, as authorized by law, and environmental compliance and restoration, **[\$515,000,000] \$446,100,000**, to remain available until September 30, **[2019] 2020: Provided**, That, *notwithstanding section 20145(b)(2)(A) of title 51, United States Code*, proceeds from leases deposited into this account shall be available for a period of 5 years **[to the extent and in amounts as provided in annual appropriations Acts: Provided further**, That such proceeds referred to in the preceding proviso shall be available for obligation for fiscal year 2014 in an amount not to exceed **\$9,584,100]**: *Provided further*, That each annual budget request shall include an annual estimate of gross receipts and collections and proposed use of all funds collected pursuant to section **[315 of the National Aeronautics and Space Act of 1958 (51 U.S.C. 20145)] 20145 of title 51, United States Code. (*Science Appropriations Act, 2014.*)**

## Program and Financing (in millions of dollars)

Identification code 80-0130-0-1-252		2013 actual	2014 est.	2015 est.
<b>Obligations by program activity:</b>				
0001	Direct program activity .....	597	515	446
0801	Reimbursable program .....	4	5	5
0900	Total new obligations .....	601	520	451
<b>Budgetary Resources:</b>				
Unobligated balance:				
1000	Unobligated balance brought forward, Oct 1 .....	172	246	246
1021	Recoveries of prior year unpaid obligations .....	11		
1050	Unobligated balance (total) .....	183	246	246
Budget authority:				
Appropriations, discretionary:				
1100	Appropriation .....	695	515	446
1120	Appropriations transferred to Exploration [80-0124] .....	-50		
1121	Appropriations transferred from Exploration account [80-0124] .....	50		
1130	Appropriations permanently reduced .....	-34		
1160	Appropriation, discretionary (total) .....	661	515	446
Spending authority from offsetting collections, discretionary:				
1700	Collected .....	3	5	5
1750	Spending auth from offsetting collections, disc (total) .....	3	5	5
1900	Budget authority (total) .....	664	520	451
1930	Total budgetary resources available .....	847	766	697
Memorandum (non-add) entries:				
1941	Unexpired unobligated balance, end of year .....	246	246	246

## Change in obligated balance:

Unpaid obligations:				
3000	Unpaid obligations, brought forward, Oct 1 .....	511	724	585
3010	Obligations incurred, unexpired accounts .....	601	520	451
3011	Obligations incurred, expired accounts .....	1		
3020	Outlays (gross) .....	-377	-659	-562
3040	Recoveries of prior year unpaid obligations, unexpired .....	-11		
3041	Recoveries of prior year unpaid obligations, expired .....	-1		
3050	Unpaid obligations, end of year .....	724	585	474
Memorandum (non-add) entries:				
3100	Obligated balance, start of year .....	511	724	585
3200	Obligated balance, end of year .....	724	585	474

## Budget authority and outlays, net:

Discretionary:				
4000	Budget authority, gross .....	664	520	451
Outlays, gross:				
4010	Outlays from new discretionary authority .....	31	19	54
4011	Outlays from discretionary balances .....	346	640	508
4020	Outlays, gross (total) .....	377	659	562
Offsets against gross budget authority and outlays:				
Offsetting collections (collected) from:				
4033	Non-Federal sources .....	-3	-5	-5
4180	Budget authority, net (total) .....	661	515	446
4190	Outlays, net (total) .....	374	654	557

This appropriation provides for NASA's construction and environmental compliance and restoration activities, and allows the agency to use the net proceeds from Enhanced Use Leases for maintenance, capital revitalization, and improvement of real property assets and related personal property at NASA Centers under the authority of section 315 of the National Aeronautics Space Act of 1958 (51 U.S.C. 20145). The costs provide for all of the research; development; operations; design, repair, rehabilitation, modification of facilities, and construction of new facilities; and other general and administrative activities required to execute the programs within this account.

## Object Classification (in millions of dollars)

Identification code 80-0130-0-1-252		2013 actual	2014 est.	2015 est.
Direct obligations:				
23.3	Communications, utilities, and miscellaneous charges .....	1	1	1
25.1	Advisory and assistance services .....	23	20	17
25.2	Other services from non-Federal sources .....	10	9	8
25.3	Other goods and services from Federal sources .....	12	10	9
25.4	Operation and maintenance of facilities .....	109	93	82
25.5	Research and development contracts .....	32	28	24
25.7	Operation and maintenance of equipment .....	3	3	2
31.0	Equipment .....	1	1	1
32.0	Land and structures .....	406	351	304
99.0	Direct obligations .....	597	516	448
99.0	Reimbursable obligations .....	4	4	3
99.9	Total new obligations .....	601	520	451

## SPACE OPERATIONS

For necessary expenses, not otherwise provided for, in the conduct and support of space operations research and development activities, including research, development, operations, support and services; space flight, spacecraft control and communications activities, including operations, production, and services; maintenance and repair, facility planning and design; program management; personnel and related costs, including uniforms or allowances therefor, as authorized by sections 5901 and 5902 of title 5, United States Code; travel expenses; purchase and hire of passenger motor vehicles; and purchase, lease, charter, maintenance and operation of mission and administrative aircraft, **[\$3,778,000,000] \$3,905,400,000**, to remain available until September 30, **[2015] 2016**. (*Science Appropriations Act, 2014.*)

**Program and Financing** (in millions of dollars)

Identification code 80-0115-0-1-252	2013 actual	2014 est.	2015 est.
<b>Obligations by program activity:</b>			
0001 Direct program activity .....	3,761	3,778	3,905
<b>Budgetary Resources:</b>			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1 .....	62	114	114
1021 Recoveries of prior year unpaid obligations .....	90		
1050 Unobligated balance (total) .....	152	114	114
Budget authority:			
Appropriations, discretionary:			
1100 Appropriation .....	3,953	3,778	3,905
1120 Appropriations transferred to other accts Space Technology [80-0131] .....	-9		
1120 Appropriations transferred to other accts Exploration [80-0124] .....	-92		
1121 Appropriations transferred from other accts Exploration [80-0124] .....	3		
1130 Appropriations permanently reduced .....	-131		
1160 Appropriation, discretionary (total) .....	3,724	3,778	3,905
1900 Budget authority (total) .....	3,724	3,778	3,905
1930 Total budgetary resources available .....	3,876	3,892	4,019
Memorandum (non-add) entries:			
1940 Unobligated balance expiring .....	-1		
1941 Unexpired unobligated balance, end of year .....	114	114	114
<b>Change in obligated balance:</b>			
Unpaid obligations:			
3000 Unpaid obligations, brought forward, Oct 1 .....	1,755	1,602	1,623
3010 Obligations incurred, unexpired accounts .....	3,761	3,778	3,905
3011 Obligations incurred, expired accounts .....	15		
3020 Outlays (gross) .....	-3,819	-3,757	-4,175
3040 Recoveries of prior year unpaid obligations, unexpired .....	-90		
3041 Recoveries of prior year unpaid obligations, expired .....	-20		
3050 Unpaid obligations, end of year .....	1,602	1,623	1,353
Memorandum (non-add) entries:			
3100 Obligated balance, start of year .....	1,755	1,602	1,623
3200 Obligated balance, end of year .....	1,602	1,623	1,353
<b>Budget authority and outlays, net:</b>			
Discretionary:			
4000 Budget authority, gross .....	3,724	3,778	3,905
Outlays, gross:			
4010 Outlays from new discretionary authority .....	2,179	2,833	2,928
4011 Outlays from discretionary balances .....	1,640	924	1,247
4020 Outlays, gross (total) .....	3,819	3,757	4,175
Offsets against gross budget authority and outlays:			
Offsetting collections (collected) from:			
4033 Non-Federal sources .....	-4		
Additional offsets against gross budget authority only:			
4052 Offsetting collections credited to expired accounts .....	4		
4070 Budget authority, net (discretionary) .....	3,724	3,778	3,905
4080 Outlays, net (discretionary) .....	3,815	3,757	4,175
4180 Budget authority, net (total) .....	3,724	3,778	3,905
4190 Outlays, net (total) .....	3,815	3,757	4,175

This appropriation provides for the full costs associated with the space operations activities of the agency. The full costs include all labor, travel, procurement, test and fabrication costs to execute these programs, which provide for all of the research; development; operations; salaries and related expenses; and other general and administrative activities supporting the programs within this account. Major themes within the Space Operations account include the International Space Station and Space and Flight Support. Detailed performance goals associated with these activities are addressed in NASA's detailed budget request.

The International Space Station is a complex of research laboratories in low Earth orbit in which America and its international partners, including Russia, Canada, Europe, and Japan, conduct unique scientific and technological investigations in a microgravity environment. The objective of the International Space Station is to support human space exploration and conduct

science experiments and technology development unique to the on-orbit attributes of the facility.

Space and Flight Support is comprised of multiple capabilities that provide on-going customer support for a wide range of services. The programs include Space Communications and Navigation, Human Space Flight Operations, Launch Services, Rocket Propulsion Testing, and the multi-user 21st Century Space Launch Complex. They are provided to a wide range of customers including NASA, other U.S. Federal agencies, foreign governments, and commercial customers. The programs are managed by NASA's Human Exploration and Operations Mission Directorate, which also manages programs in the Exploration account.

**Object Classification** (in millions of dollars)

Identification code 80-0115-0-1-252	2013 actual	2014 est.	2015 est.
<b>Direct obligations:</b>			
Personnel compensation:			
11.1 Full-time permanent .....	267	267	269
11.3 Other than full-time permanent .....	5	3	3
11.5 Other personnel compensation .....	1	1	1
11.9 Total personnel compensation .....	273	271	273
12.1 Civilian personnel benefits .....	68	78	78
13.0 Benefits for former personnel .....	1	1	1
21.0 Travel and transportation of persons .....	11	11	12
22.0 Transportation of things .....	991	996	1,034
23.2 Rental payments to others .....	2	2	2
23.3 Communications, utilities, and miscellaneous charges .....	4	4	4
24.0 Printing and reproduction .....	1	1	1
25.1 Advisory and assistance services .....	94	95	98
25.2 Other services from non-Federal sources .....	83	83	86
25.3 Other goods and services from Federal sources .....	40	40	42
25.4 Operation and maintenance of facilities .....	95	96	99
25.5 Research and development contracts .....	1,823	1,824	1,887
25.7 Operation and maintenance of equipment .....	220	221	230
26.0 Supplies and materials .....	19	19	20
31.0 Equipment .....	13	13	14
32.0 Land and structures .....	7	7	7
41.0 Grants, subsidies, and contributions .....	16	16	17
99.9 Total new obligations .....	3,761	3,778	3,905

**Employment Summary**

Identification code 80-0115-0-1-252	2013 actual	2014 est.	2015 est.
1001 Direct civilian full-time equivalent employment .....	2,289	2,276	2,236

**OFFICE OF INSPECTOR GENERAL**

For necessary expenses of the Office of Inspector General in carrying out the Inspector General Act of 1978, **[\$37,500,000]** *\$37,000,000*, of which \$500,000 shall remain available until September 30, **[2015]** *2016*. (*Science Appropriations Act, 2014.*)

**Program and Financing** (in millions of dollars)

Identification code 80-0109-0-1-252	2013 actual	2014 est.	2015 est.
<b>Obligations by program activity:</b>			
0001 Direct program activity .....	35	37	37
0801 Reimbursable program activity .....	1	1	1
0900 Total new obligations .....	36	38	38
<b>Budgetary Resources:</b>			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1 .....	1	1	2
Budget authority:			
Appropriations, discretionary:			
1100 Appropriation .....	38	38	37
1130 Appropriations permanently reduced .....	-3		
1160 Appropriation, discretionary (total) .....	35	38	37
Spending authority from offsetting collections, discretionary:			
1700 Collected .....	1	1	1
1750 Spending auth from offsetting collections, disc (total) .....	1	1	1

OFFICE OF INSPECTOR GENERAL—Continued  
Program and Financing—Continued

Identification code 80-0109-0-1-252		2013 actual	2014 est.	2015 est.
1900	Budget authority (total) .....	36	39	38
1930	Total budgetary resources available .....	37	40	40
Memorandum (non-add) entries:				
1941	Unexpired unobligated balance, end of year .....	1	2	2
<b>Change in obligated balance:</b>				
Unpaid obligations:				
3000	Unpaid obligations, brought forward, Oct 1 .....	5	4	2
3010	Obligations incurred, unexpired accounts .....	36	38	38
3020	Outlays (gross) .....	-37	-40	-39
3050	Unpaid obligations, end of year .....	4	2	1
Memorandum (non-add) entries:				
3100	Obligated balance, start of year .....	5	4	2
3200	Obligated balance, end of year .....	4	2	1
<b>Budget authority and outlays, net:</b>				
Discretionary:				
4000	Budget authority, gross .....	36	39	38
Outlays, gross:				
4010	Outlays from new discretionary authority .....	32	36	35
4011	Outlays from discretionary balances .....	5	4	4
4020	Outlays, gross (total) .....	37	40	39
Offsets against gross budget authority and outlays:				
Offsetting collections (collected) from:				
4030	Federal sources .....	-1	-1	-1
4180	Budget authority, net (total) .....	35	38	37
4190	Outlays, net (total) .....	36	39	38

This appropriation provides for the full costs associated with the operations of the NASA Office of Inspector General. The mission of the Office of Inspector General is to conduct audits and investigations of agency activities to prevent and detect fraud, waste, abuse, and mismanagement. The Inspector General keeps the Administrator and the Congress informed of problems and deficiencies in agency programs and operations.

## Object Classification (in millions of dollars)

Identification code 80-0109-0-1-252		2013 actual	2014 est.	2015 est.
Direct obligations:				
11.1	Personnel compensation: Full-time permanent .....	19	26	26
12.1	Civilian personnel benefits .....	8	9	9
21.0	Travel and transportation of persons .....	1	1	1
25.2	Other services from non-Federal sources .....	4	1	1
25.3	Other goods and services from Federal sources .....	1	.....	.....
31.0	Equipment .....	1	.....	.....
99.0	Direct obligations .....	34	37	37
99.0	Reimbursable obligations .....	1	1	1
99.5	Below reporting threshold .....	1	.....	.....
99.9	Total new obligations .....	36	38	38

## Employment Summary

Identification code 80-0109-0-1-252		2013 actual	2014 est.	2015 est.
1001	Direct civilian full-time equivalent employment .....	197	213	213
2001	Reimbursable civilian full-time equivalent employment .....	.....	7	7

## SCIENCE, AERONAUTICS, AND EXPLORATION

## Program and Financing (in millions of dollars)

Identification code 80-0114-0-1-999		2013 actual	2014 est.	2015 est.
<b>Obligations by program activity:</b>				
0001	Direct program activity .....	1	1	1
0900	Total new obligations (object class 32.0) .....	1	1	1

## Budgetary Resources:

Unobligated balance:				
1000	Unobligated balance brought forward, Oct 1 .....	1	2	1
1021	Recoveries of prior year unpaid obligations .....	2	.....	.....
1050	Unobligated balance (total) .....	3	2	1
1930	Total budgetary resources available .....	3	2	1
Memorandum (non-add) entries:				
1941	Unexpired unobligated balance, end of year .....	2	1	.....

## Change in obligated balance:

Unpaid obligations:				
3000	Unpaid obligations, brought forward, Oct 1 .....	55	20	9
3010	Obligations incurred, unexpired accounts .....	1	1	1
3011	Obligations incurred, expired accounts .....	3	.....	.....
3020	Outlays (gross) .....	-21	-12	-8
3040	Recoveries of prior year unpaid obligations, unexpired .....	-2	.....	.....
3041	Recoveries of prior year unpaid obligations, expired .....	-16	.....	.....
3050	Unpaid obligations, end of year .....	20	9	2
Uncollected payments:				
3060	Uncollected pymts, Fed sources, brought forward, Oct 1 .....	-4	-2	-2
3071	Change in uncollected pymts, Fed sources, expired .....	2	.....	.....
3090	Uncollected pymts, Fed sources, end of year .....	-2	-2	-2
Memorandum (non-add) entries:				
3100	Obligated balance, start of year .....	51	18	7
3200	Obligated balance, end of year .....	18	7	.....

## Budget authority and outlays, net:

Discretionary:				
Outlays, gross:				
4011	Outlays from discretionary balances .....	21	12	8
Offsets against gross budget authority and outlays:				
Offsetting collections (collected) from:				
4030	Federal sources .....	-2	.....	.....
4033	Non-Federal sources .....	-1	.....	.....
4040	Offsets against gross budget authority and outlays (total) ....	-3	.....	.....
Additional offsets against gross budget authority only:				
4052	Offsetting collections credited to expired accounts .....	3	.....	.....
4080	Outlays, net (discretionary) .....	18	12	8
4190	Outlays, net (total) .....	18	12	8

NASA's Science, Aeronautics and Exploration account formerly included Science, Aeronautics Research, Exploration Systems and Cross Agency Support Programs. Beginning in 2009, Science, Aeronautics, Exploration, Education and Cross Agency Support were split into five separate appropriation accounts. The Science, Aeronautics, and Exploration account shows spending from balances prior to the account restructuring.

## HUMAN SPACE FLIGHT

## Program and Financing (in millions of dollars)

Identification code 80-0111-0-1-252		2013 actual	2014 est.	2015 est.
<b>Change in obligated balance:</b>				
Unpaid obligations:				
3000	Unpaid obligations, brought forward, Oct 1 .....	3	3	.....
3020	Outlays (gross) .....	.....	-3	.....
3050	Unpaid obligations, end of year .....	3	.....	.....
Memorandum (non-add) entries:				
3100	Obligated balance, start of year .....	3	3	.....
3200	Obligated balance, end of year .....	3	.....	.....

## Budget authority and outlays, net:

Discretionary:				
Outlays, gross:				
4011	Outlays from discretionary balances .....	.....	3	.....
4190	Outlays, net (total) .....	.....	3	.....

NASA's Human Space Flight account formerly included the International Space Station; Space Shuttle Payload and Expendable Launch Vehicle Support; Human Exploration and Development of Space Investments and Support; Space Communications and Data Systems; and Safety, Mission Assurance and Engineering. Beginning in 2004, Safety, Mission Assurance, and Engineering.



engineering was allocated as an indirect charge to all programs and all other programs (along with the Crosscutting Technologies portion of the Aerospace Technology Enterprise) were rolled into the Space Flight Capabilities account. In 2005, the Space Flight Capabilities account was renamed the Exploration Capabilities account. In 2009, the Exploration Capabilities account was renamed Space Operations. The Human Space Flight account shows spending from balances prior to the account restructuring.

## SCIENCE, AERONAUTICS AND TECHNOLOGY

## Program and Financing (in millions of dollars)

Identification code 80-0110-0-1-999	2013 actual	2014 est.	2015 est.
<b>Budgetary Resources:</b>			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1 .....	1	1	1
1050 Unobligated balance (total) .....	1	1	1
1930 Total budgetary resources available .....	1	1	1
Memorandum (non-add) entries:			
1941 Unexpired unobligated balance, end of year .....	1	1	1
<b>Change in obligated balance:</b>			
Unpaid obligations:			
3000 Unpaid obligations, brought forward, Oct 1 .....	1	1	1
3050 Unpaid obligations, end of year .....	1	1	1
Memorandum (non-add) entries:			
3100 Obligated balance, start of year .....	1	1	1
3200 Obligated balance, end of year .....	1	1	1

NASA's Science, Aeronautics and Technology account formerly included Space Science, Biological and Physical Research, Earth Science, Aerospace Technology, and Education. Beginning in 2004, Space Science, Biological and Physical Research, Earth Science, the Aeronautics portion of Aerospace Technology, and Education were rolled into the Science, Aeronautics and Exploration account. These programs are now funded by the Aeronautics, Education, Science, and Exploration accounts. The Science, Aeronautics, and Technology account shows spending from balances prior to the account restructuring.

## MISSION SUPPORT

## Program and Financing (in millions of dollars)

Identification code 80-0112-0-1-999	2013 actual	2014 est.	2015 est.
<b>Change in obligated balance:</b>			
Unpaid obligations:			
3000 Unpaid obligations, brought forward, Oct 1 .....	1	1	1
3050 Unpaid obligations, end of year .....	1	1	1
Memorandum (non-add) entries:			
3100 Obligated balance, start of year .....	1	1	1
3200 Obligated balance, end of year .....	1	1	1

NASA's Mission Support account formerly included Research and Program Management and Construction of Facilities. The Mission Support account shows spending from residual construction of facilities balances from prior to 2004.

## WORKING CAPITAL FUND

## Program and Financing (in millions of dollars)

Identification code 80-4546-0-4-252	2013 actual	2014 est.	2015 est.
<b>Obligations by program activity:</b>			
0801 Reimbursable program activity .....	396	390	390

## Budgetary Resources:

Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1 .....	7	7	5
1021 Recoveries of prior year unpaid obligations .....	2		
1050 Unobligated balance (total) .....	9	7	5
Budget authority:			
Spending authority from offsetting collections, discretionary:			
1700 Collected .....	394	388	388
1750 Spending auth from offsetting collections, disc (total) .....	394	388	388
1930 Total budgetary resources available .....	403	395	393
Memorandum (non-add) entries:			
1941 Unexpired unobligated balance, end of year .....	7	5	3

## Change in obligated balance:

Unpaid obligations:			
3000 Unpaid obligations, brought forward, Oct 1 .....	111	140	129
3010 Obligations incurred, unexpired accounts .....	396	390	390
3020 Outlays (gross) .....	-365	-401	-396
3040 Recoveries of prior year unpaid obligations, unexpired .....	-2		
3050 Unpaid obligations, end of year .....	140	129	123
Memorandum (non-add) entries:			
3100 Obligated balance, start of year .....	111	140	129
3200 Obligated balance, end of year .....	140	129	123

## Budget authority and outlays, net:

Discretionary:			
4000 Budget authority, gross .....	394	388	388
Outlays, gross:			
4010 Outlays from new discretionary authority .....	252	330	330
4011 Outlays from discretionary balances .....	113	71	66
4020 Outlays, gross (total) .....	365	401	396
Offsets against gross budget authority and outlays:			
Offsetting collections (collected) from:			
4030 Federal sources .....	-385	-378	-378
4033 Reimbursable program .....	-9	-10	-10
4040 Offsets against gross budget authority and outlays (total) ....	-394	-388	-388
4080 Outlays, net (discretionary) .....	-29	13	8
4190 Outlays, net (total) .....	-29	13	8

The Working Capital Fund provides goods and services on a reimbursable basis. The Fund consists of three program activities:

The Solutions for Enterprise-wide Procurement program finances, on an agency-wide basis, scientific and engineering workstation procurement.

The Information Technology Infrastructure Integration Program consolidates and centralizes management of NASA information technology services in the areas of Tier 1 service desk and ordering, web services and technologies, enterprise business and management applications, integrated network/communications services, end user services, and data center services. This program initiated operations in early FY 2012.

The NASA Shared Services Center performs selected financial management, human resources, information technology, and procurement services for NASA Headquarters and Centers.

## Object Classification (in millions of dollars)

Identification code 80-4546-0-4-252	2013 actual	2014 est.	2015 est.
Reimbursable obligations:			
11.1 Personnel compensation: Full-time permanent .....	14	13	13
12.1 Civilian personnel benefits .....	4	4	4
21.0 Travel and transportation of persons .....	2	2	2
25.2 Other services from non-Federal sources .....	89	88	88
25.4 Operation and maintenance of facilities .....	7	7	7
25.7 Operation and maintenance of equipment .....	280	276	276
99.9 Total new obligations .....	396	390	390

WORKING CAPITAL FUND—Continued  
Employment Summary

Identification code 80-4546-0-4-252	2013 actual	2014 est.	2015 est.
2001 Reimbursable civilian full-time equivalent employment .....	148	141	138

**Trust Funds**

## SCIENCE, SPACE, AND TECHNOLOGY EDUCATION TRUST FUND

## Special and Trust Fund Receipts (in millions of dollars)

Identification code 80-8978-0-7-503	2013 actual	2014 est.	2015 est.
0100 Balance, start of year .....	15	15	15
Receipts:			
0240 Earnings on Investments, Science, Space and Technology Education Trust Fund .....	1	1	1
0400 Total: Balances and collections .....	16	16	16
Appropriations:			
0500 Science, Space, and Technology Education Trust Fund .....	-1	-1	-1
0799 Balance, end of year .....	15	15	15

## Program and Financing (in millions of dollars)

Identification code 80-8978-0-7-503	2013 actual	2014 est.	2015 est.
<b>Obligations by program activity:</b>			
0001 Direct program activity .....	1	1	1
0900 Total new obligations (object class 41.0) .....	1	1	1
<b>Budgetary Resources:</b>			
Budget authority:			
Appropriations, mandatory:			
1201 Appropriation (special or trust fund) .....	1	1	1
1260 Appropriations, mandatory (total) .....	1	1	1
1930 Total budgetary resources available .....	1	1	1
<b>Change in obligated balance:</b>			
Unpaid obligations:			
3010 Obligations incurred, unexpired accounts .....	1	1	1
3020 Outlays (gross) .....	-1	-1	-1
<b>Budget authority and outlays, net:</b>			
Mandatory:			
4090 Budget authority, gross .....	1	1	1
Outlays, gross:			
4100 Outlays from new mandatory authority .....	1	1	1
4101 Outlays from mandatory balances .....	1	1	1
4110 Outlays, gross (total) .....	1	1	1
4180 Budget authority, net (total) .....	1	1	1
4190 Outlays, net (total) .....	1	1	1
<b>Memorandum (non-add) entries:</b>			
5000 Total investments, SOY: Federal securities: Par value .....	15	15	15
5001 Total investments, EOY: Federal securities: Par value .....	15	15	15

## NATIONAL SPACE GRANT PROGRAM

## Program and Financing (in millions of dollars)

Identification code 80-8977-0-7-252	2013 actual	2014 est.	2015 est.
<b>Budgetary Resources:</b>			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1 .....	1	1	1
1930 Total budgetary resources available .....	1	1	1
Memorandum (non-add) entries:			
1941 Unexpired unobligated balance, end of year .....	1	1	1
<b>Change in obligated balance:</b>			
Unpaid obligations:			
3000 Unpaid obligations, brought forward, Oct 1 .....	1	1	1
3050 Unpaid obligations, end of year .....	1	1	1
Memorandum (non-add) entries:			
3100 Obligated balance, start of year .....	1	1	1
3200 Obligated balance, end of year .....	1	1	1

## ADMINISTRATIVE PROVISIONS

Funds for announced prizes otherwise authorized shall remain available, without fiscal year limitation, until [the] a prize is claimed or the offer is withdrawn.

Not to exceed 5 percent of any appropriation made available for the current fiscal year for the National Aeronautics and Space Administration in this Act may be transferred between such appropriations, but no such appropriation, except as otherwise specifically provided, shall be increased by more than 10 percent by any such transfers. *Any funds transferred to "Construction and Environmental Compliance and Restoration" for construction activities shall not increase that account by more than 20 percent.* Balances so transferred shall be merged with and available for the same purposes and the same time period as the appropriations to which transferred. Any transfer pursuant to this provision shall be treated as a reprogramming of funds under section [505] 504 of this Act and shall not be available for obligation except in compliance with the procedures set forth in that section.

The spending plan required by this Act shall be provided by NASA at the theme, program, project and activity level. The spending plan, as well as any subsequent change of an amount established in that spending plan that meets the notification requirements of section [505] 504 of this Act, shall be treated as a reprogramming under section [505] 504 of this Act and shall not be available for obligation or expenditure except in compliance with the procedures set forth in that section. (*Science Appropriations Act, 2014.*)

## GENERAL FUND RECEIPT ACCOUNTS

(in millions of dollars)

	2013 actual	2014 est.	2015 est.
Offsetting receipts from the public:			
80-32200 All Other General Fund Proprietary Receipts Including Budget Clearing Accounts .....	10	15	15
General Fund Offsetting receipts from the public .....	10	15	15
Intragovernmental payments:			
80-38850 Undistributed Intragovernmental Payments and Receivables from Cancelled Accounts .....	3		
General Fund Intragovernmental payments .....	3		