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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 5 U.S.C. 5901–5902; travel expenses; purchase and hire of passenger motor vehicles; and purchase, lease, charter, maintenance, and operation of mission and administrative aircraft, [$5,090,000,000] *$4,911,200,000*, to remain available until September 30, [2013] *2014*, of which up to [$10,000,000] *$14,500,000* shall be available for a reimbursable agreement with the Department of Energy for the purpose of re-establishing facilities to produce fuel required for radioisotope thermoelectric generators to enable future missions[: *Provided*, That NASA shall implement the recommendations of the most recent National Research Council planetary decadal survey and shall follow the decadal survey's recommended decision rules regarding program implementation, including a strict adherence to the recommendation that NASA include in a balanced program a flagship class mission, which may be executed in cooperation with one or more international partners, if such mission can be appropriately de-scoped and all NASA costs for such mission can be accommodated within the overall funding levels appropriated by Congress: *Provided further*, That the formulation and development costs (with development cost as defined under 51 U.S.C. 30104) for the James Webb Space Telescope shall not exceed $8,000,000,000: *Provided further*, That should the individual identified under subparagraph (c)(2)(E) of section 30104 of title 51 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 of title 51]. *(Science Appropriations Act, 2012.)*

Program and Financing (in millions of dollars)

Identification code 80–0120–0–1–252	2011 actual	2012 est.	2013 est.
Obligations by program activity:			
0001 Direct program activity	4,951	5,141	4,914
Budgetary Resources:			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1	59	77	75
1021 Recoveries of prior year unpaid obligations	50	65	.....
1050 Unobligated balance (total)	109	142	75
Budget authority:			
Appropriations, discretionary:			
1100 Appropriation	4,945	5,090	4,911
1120 Appropriations transferred to Cross Agency Support account [80–0122]	–4	.....	.....
1120 Appropriations transferred to CECR account [80–0130]	–12	–11	.....
1130 Appropriations permanently reduced	–10	.....	.....
1131 Unobligated balance of appropriations permanently reduced	.....	–5	.....
1160 Appropriation, discretionary (total)	4,919	5,074	4,911
1930 Total budgetary resources available	5,028	5,216	4,986
Memorandum (non-add) entries:			
1941 Unexpired unobligated balance, end of year	77	75	72
Change in obligated balance:			
Obligated balance, start of year (net):			
3000 Unpaid obligations, brought forward, Oct 1 (gross)	2,651	2,775	2,875
3030 Obligations incurred, unexpired accounts	4,951	5,141	4,914
3031 Obligations incurred, expired accounts	5	.....	.....
3040 Outlays (gross)	–4,774	–4,976	–5,000
3080 Recoveries of prior year unpaid obligations, unexpired	–50	–65	.....
3081 Recoveries of prior year unpaid obligations, expired	–8	.....	.....
Obligated balance, end of year (net):			
3090 Unpaid obligations, end of year (gross)	2,775	2,875	2,789
3100 Obligated balance, end of year (net)	2,775	2,875	2,789
Budget authority and outlays, net:			
Discretionary:			
4000 Budget authority, gross	4,919	5,074	4,911
Outlays, gross:			
4010 Outlays from new discretionary authority	2,402	2,487	2,407
4011 Outlays from discretionary balances	2,372	2,489	2,593
4020 Outlays, gross (total)	4,774	4,976	5,000
4180 Budget authority, net (total)	4,919	5,074	4,911
4190 Outlays, net (total)	4,774	4,976	5,000

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	2011 actual	2012 est.	2013 est.
Direct obligations:			
Personnel compensation:			
11.1 Full-time permanent	209	224	224
11.3 Other than full-time permanent	22	24	24
11.5 Other personnel compensation	1	1	1
11.9 Total personnel compensation	232	249	249
12.1 Civilian personnel benefits	63	68	67
21.0 Travel and transportation of persons	22	19	18
22.0 Transportation of things	3	3	3
23.2 Rental payments to others	8	8	8
23.3 Communications, utilities, and miscellaneous charges	3	3	3
24.0 Printing and reproduction	1	1	1
25.1 Advisory and assistance services	153	152	144
25.2 Other services from non-Federal sources	267	271	258
25.3 Other goods and services from Federal sources	158	164	156
25.4 Operation and maintenance of facilities	23	24	23
25.5 Research and development contracts	3,327	3,461	3,300
25.7 Operation and maintenance of equipment	68	70	67
26.0 Supplies and materials	30	29	28
31.0 Equipment	48	50	47
32.0 Land and structures	9	9	9
41.0 Grants, subsidies, and contributions	534	560	533
99.0 Direct obligations	4,949	5,141	4,914
99.5 Below reporting threshold	2	.....	.....
99.9 Total new obligations	4,951	5,141	4,914

Employment Summary

Identification code 80–0120–0–1–252	2011 actual	2012 est.	2013 est.
1001 Direct civilian full-time equivalent employment	1,918	2,029	1,984

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 5 U.S.C. 5901–5902; travel expenses; purchase and hire of passenger motor vehicles; and purchase, lease, charter, maintenance, and operation of mission and administrative aircraft, [$569,900,000] *$551,500,000*, to remain available until September 30, [2013] *2014*. *(Science Appropriations Act, 2012.)*

Program and Financing (in millions of dollars)

Identification code 80–0126–0–1–402		2011 actual	2012 est.	2013 est.
	Obligations by program activity:			
0001	Direct program activity	561	578	552
	Budgetary Resources:			
	Unobligated balance:			
1000	Unobligated balance brought forward, Oct 1	34	12	11
1021	Recoveries of prior year unpaid obligations	5	8	.....
1050	Unobligated balance (total)	39	20	11
	Budget authority:			
	Appropriations, discretionary:			
1100	Appropriation	535	570	552
1130	Appropriations permanently reduced	–1	.....	.....
1131	Unobligated balance of appropriations permanently reduced	.....	–1	.....
1160	Appropriation, discretionary (total)	534	569	552
1930	Total budgetary resources available	573	589	563
	Memorandum (non-add) entries:			
1941	Unexpired unobligated balance, end of year	12	11	11
	Change in obligated balance:			
	Obligated balance, start of year (net):			
3000	Unpaid obligations, brought forward, Oct 1 (gross)	327	281	283
3030	Obligations incurred, unexpired accounts	561	578	552
3031	Obligations incurred, expired accounts	1	.....	.....
3040	Outlays (gross)	–601	–568	–506
3080	Recoveries of prior year unpaid obligations, unexpired	–5	–8	.....
3081	Recoveries of prior year unpaid obligations, expired	–2	.....	.....
	Obligated balance, end of year (net):			
3090	Unpaid obligations, end of year (gross)	281	283	329
3100	Obligated balance, end of year (net)	281	283	329
	Budget authority and outlays, net:			
	Discretionary:			
4000	Budget authority, gross	534	569	552
	Outlays, gross:			
4010	Outlays from new discretionary authority	312	278	270
4011	Outlays from discretionary balances	289	290	236
4020	Outlays, gross (total)	601	568	506
4180	Budget authority, net (total)	534	569	552
4190	Outlays, net (total)	601	568	506

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: Fundamental Aeronautics, Aviation Safety, Airspace Systems, Integrated Systems Research, Aeronautics Test, and Aeronautics Strategy and Management. 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		2011 actual	2012 est.	2013 est.
	Direct obligations:			
	Personnel compensation:			
11.1	Full-time permanent	142	146	141
11.3	Other than full-time permanent	11	11	11
11.9	Total personnel compensation	153	157	152
12.1	Civilian personnel benefits	41	42	41
21.0	Travel and transportation of persons	7	7	7
23.3	Communications, utilities, and miscellaneous charges	5	5	5
25.1	Advisory and assistance services	19	18	17
25.2	Other services from non-Federal sources	33	33	30
25.3	Other goods and services from Federal sources	7	7	7
25.4	Operation and maintenance of facilities	26	27	25
25.5	Research and development contracts	192	203	193
25.7	Operation and maintenance of equipment	16	17	16
26.0	Supplies and materials	14	13	12
31.0	Equipment	20	21	20
32.0	Land and structures	4	4	4
41.0	Grants, subsidies, and contributions	23	24	23
99.0	Direct obligations	560	578	552
99.5	Below reporting threshold	1	.....	.....
99.9	Total new obligations	561	578	552

Employment Summary

Identification code 80–0126–0–1–402		2011 actual	2012 est.	2013 est.
1001	Direct civilian full-time equivalent employment	1,371	1,385	1,311

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 5 U.S.C. 5901–5902; travel expenses; purchase and hire of passenger motor vehicles; and purchase, lease, charter, maintenance, and operation of mission and administrative aircraft, [$575,000,000] *$699,000,000*, to remain available until September 30, [2013] *2014*. *(Science Appropriations Act, 2012.)*

Program and Financing (in millions of dollars)

Identification code 80–0131–0–1–252		2011 actual	2012 est.	2013 est.
	Obligations by program activity:			
0001	Direct program activity	.....	537	697
	Budgetary Resources:			
	Unobligated balance:			
1000	Unobligated balance brought forward, Oct 1	.....	.....	11
	Budget authority:			
	Appropriations, discretionary:			
1100	Appropriation	.....	575	699
1120	Appropriations transferred to other accts [80–0124]	.....	–8	.....
1120	Appropriations transferred to other accts [80–0122]	.....	–9	.....
1120	Appropriations transferred to other accts [80–0115]	.....	–10	.....
1160	Appropriation, discretionary (total)	.....	548	699
1930	Total budgetary resources available	.....	548	710
	Memorandum (non-add) entries:			
1941	Unexpired unobligated balance, end of year	.....	11	13
	Change in obligated balance:			
	Obligated balance, start of year (net):			
3000	Unpaid obligations, brought forward, Oct 1 (gross)	.....	.....	345
3030	Obligations incurred, unexpired accounts	.....	537	697
3040	Outlays (gross)	.....	–192	–519
	Obligated balance, end of year (net):			
3090	Unpaid obligations, end of year (gross)	.....	345	523
3100	Obligated balance, end of year (net)	.....	345	523

	Budget authority and outlays, net:			
	Discretionary:			
4000	Budget authority, gross		548	699
	Outlays, gross:			
4010	Outlays from new discretionary authority		192	245
4011	Outlays from discretionary balances			274
4020	Outlays, gross (total)		192	519
4180	Budget authority, net (total)		548	699
4190	Outlays, net (total)		192	519

This appropriation provides for the full costs associated with program activities under the new NASA Office of the Chief Technologist that conducts research in space technologies in support of the broad civilian space community. 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.

NASA's space technology programs will increase the nation's ability to operate in the environment of space by supporting early stage research into critical technologies and innovations that will be of benefit to future NASA missions, other Federal agencies, and the commercial space sector. Space Technology supports several programs including the Small Business Innovative Research (SBIR), Small Business Technology Transfer (STTR) programs, Cross-Cutting Space Technology Development, Partnership Development & Strategic Integration, and Exploration Technology Development.

Object Classification (in millions of dollars)

Identification code 80–0131–0–1–252		2011 actual	2012 est.	2013 est.
	Direct obligations:			
	Personnel compensation:			
11.1	Full-time permanent		88	102
11.3	Other than full-time permanent		4	5
11.5	Other personnel compensation		1	1
11.9	Total personnel compensation		93	108
12.1	Civilian personnel benefits		25	30
21.0	Travel and transportation of persons		3	4
25.1	Advisory and assistance services		37	49
25.2	Other services from non-Federal sources		14	18
25.3	Other goods and services from Federal sources		3	4
25.4	Operation and maintenance of facilities		4	5
25.5	Research and development contracts		332	444
25.7	Operation and maintenance of equipment		2	3
26.0	Supplies and materials		4	5
31.0	Equipment		5	7
41.0	Grants, subsidies, and contributions		15	20
99.9	Total new obligations		537	697

Employment Summary

Identification code 80–0131–0–1–252		2011 actual	2012 est.	2013 est.
1001	Direct civilian full-time equivalent employment		762	839

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 5 U.S.C. 5901–5902; travel expenses; purchase and hire of passenger motor vehicles; and purchase, lease, charter, maintenance, and operation of mission and administrative aircraft, [$3,770,800,000] *$3,932,800,000*, to remain available until September 30, [2013: *Provided*, That not less than $1,200,000,000 shall be for the Orion multipurpose crew vehicle, not less than $1,860,000,000 shall be for the heavy lift launch vehicle system which shall have a lift capability not less than 130 tons and which shall have an upper stage and other core elements developed simultaneously, $406,000,000 shall be for commercial spaceflight activities, and $304,800,000 shall be for exploration research and development: *Provided further*, That not to exceed $316,500,000 of funds provided for the heavy lift launch vehicle system may be used for ground operations: *Provided further*, That $100,000,000 of the funds provided for commercial spaceflight activities shall only be available after the NASA Administrator certifies to the Committees on Appropriations, in writing, that NASA has published the required notifications of NASA contract actions implementing the acquisition strategy for the heavy lift launch vehicle system identified in section 302 of Public Law 111–267 and has begun to execute relevant contract actions in support of development of the heavy lift launch vehicle system: *Provided further*, That not to exceed $58,000,000 may be transferred to "Construction and Environmental Compliance and Restoration" for construction activities related to the Orion multipurpose crew vehicle and the heavy lift launch vehicle system: *Provided further*, That funds so transferred shall not be subject to the 10 percent transfer limitation described in the Administrative Provisions in this Act for the National Aeronautics and Space Administration and shall be treated as a reprogramming under section 505 of this Act] *2014. (Science Appropriations Act, 2012.)*

Program and Financing (in millions of dollars)

Identification code 80–0124–0–1–252		2011 actual	2012 est.	2013 est.
	Obligations by program activity:			
0001	Direct program activity	3,926	3,890	3,933
0801	Reimbursable program activity		4	4
0900	Total new obligations	3,926	3,894	3,937
	Budgetary Resources:			
	Unobligated balance:			
1000	Unobligated balance brought forward, Oct 1	144	186	71
1021	Recoveries of prior year unpaid obligations	41	54	
1050	Unobligated balance (total)	185	240	71
	Budget authority:			
	Appropriations, discretionary:			
1100	Appropriation	3,808	3,771	3,933
1120	Appropriations transferred to Space Ops [80–0115]		–2	
1120	Appropriations transferred to CECR account [80–0130]	–9	–52	
1120	Appropriations transferred to Cross Agency Support account [80–0122]	–3		
1121	Appropriations transferred from Space Operations account [80–0115]	140		
1121	Appropriations transferred from other accts [80–0131]		8	
1130	Appropriations permanently reduced	–8		
1131	Unobligated balance of appropriations permanently reduced		–4	
1160	Appropriation, discretionary (total)	3,928	3,721	3,933
	Spending authority from offsetting collections, discretionary:			
1700	Collected		4	
1750	Spending auth from offsetting collections, disc (total)		4	
1900	Budget authority (total)	3,928	3,725	3,933
1930	Total budgetary resources available	4,113	3,965	4,004
	Memorandum (non-add) entries:			
1940	Unobligated balance expiring	–1		
1941	Unexpired unobligated balance, end of year	186	71	67
	Change in obligated balance:			
	Obligated balance, start of year (net):			
3000	Unpaid obligations, brought forward, Oct 1 (gross)	1,354	1,731	1,749
3030	Obligations incurred, unexpired accounts	3,926	3,894	3,937
3031	Obligations incurred, expired accounts	8		
3040	Outlays (gross)	–3,507	–3,822	–3,859
3080	Recoveries of prior year unpaid obligations, unexpired	–41	–54	
3081	Recoveries of prior year unpaid obligations, expired	–9		
	Obligated balance, end of year (net):			
3090	Unpaid obligations, end of year (gross)	1,731	1,749	1,827
3100	Obligated balance, end of year (net)	1,731	1,749	1,827
	Budget authority and outlays, net:			
	Discretionary:			
4000	Budget authority, gross	3,928	3,725	3,933

EXPLORATION—Continued

Program and Financing—Continued

Identification code 80–0124–0–1–252		2011 actual	2012 est.	2013 est.
	Outlays, gross:			
4010	Outlays from new discretionary authority	2,123	2,237	2,360
4011	Outlays from discretionary balances	1,384	1,585	1,499
4020	Outlays, gross (total)	3,507	3,822	3,859
	Offsets against gross budget authority and outlays:			
	Offsetting collections (collected) from:			
4030	Federal sources	.....	–4	.....
4180	Budget authority, net (total)	3,928	3,721	3,933
4190	Outlays, net (total)	3,507	3,818	3,859

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

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		2011 actual	2012 est.	2013 est.
	Direct obligations:			
	Personnel compensation:			
11.1	Full-time permanent	320	325	334
11.3	Other than full-time permanent	15	15	16
11.5	Other personnel compensation	1	1	1
11.9	Total personnel compensation	336	341	351
12.1	Civilian personnel benefits	93	94	97
21.0	Travel and transportation of persons	15	11	11
22.0	Transportation of things	18	18	18
23.3	Communications, utilities, and miscellaneous charges	6	6	6
25.1	Advisory and assistance services	275	266	268
25.2	Other services from non-Federal sources	40	35	35
25.3	Other goods and services from Federal sources	29	29	29
25.4	Operation and maintenance of facilities	90	89	90
25.5	Research and development contracts	2,838	2,819	2,844
25.7	Operation and maintenance of equipment	63	62	63
26.0	Supplies and materials	17	15	15
31.0	Equipment	23	23	23
32.0	Land and structures	3	3	3
41.0	Grants, subsidies, and contributions	80	79	80
99.0	Direct obligations	3,926	3,890	3,933
99.0	Reimbursable obligations	.....	4	4
99.9	Total new obligations	3,926	3,894	3,937

Employment Summary

Identification code 80–0124–0–1–252		2011 actual	2012 est.	2013 est.
1001	Direct civilian full-time equivalent employment	2,945	2,943	2,976

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 5 U.S.C. 5901–5902; travel expenses; purchase and hire of passenger motor vehicles; and purchase, lease, charter, maintenance, and operation of mission and administrative aircraft, [$138,400,000] *$100,000,000*, to remain available until September 30, [2013, of which $18,400,000 shall be for the Experimental Program to Stimulate Competitive Research and $40,000,000 shall be for the National Space Grant College program] *2014. (Science Appropriations Act, 2012.)*

Program and Financing (in millions of dollars)

Identification code 80–0128–0–1–252		2011 actual	2012 est.	2013 est.
	Obligations by program activity:			
0001	Direct program activity	126	163	102
	Budgetary Resources:			
	Unobligated balance:			
1000	Unobligated balance brought forward, Oct 1	6	28	7
1021	Recoveries of prior year unpaid obligations	2	6	.....
1050	Unobligated balance (total)	8	34	7
	Budget authority:			
	Appropriations, discretionary:			
1100	Appropriation	146	138	100
1131	Unobligated balance of appropriations permanently reduced	.....	–2	.....
1160	Appropriation, discretionary (total)	146	136	100
1930	Total budgetary resources available	154	170	107
	Memorandum (non-add) entries:			
1941	Unexpired unobligated balance, end of year	28	7	5
	Change in obligated balance:			
	Obligated balance, start of year (net):			
3000	Unpaid obligations, brought forward, Oct 1 (gross)	224	186	191
3030	Obligations incurred, unexpired accounts	126	163	102
3040	Outlays (gross)	–161	–152	–173
3080	Recoveries of prior year unpaid obligations, unexpired	–2	–6	.....
3081	Recoveries of prior year unpaid obligations, expired	–1	.....	.....
	Obligated balance, end of year (net):			
3090	Unpaid obligations, end of year (gross)	186	191	120
3100	Obligated balance, end of year (net)	186	191	120
	Budget authority and outlays, net:			
	Discretionary:			
4000	Budget authority, gross	146	136	100
	Outlays, gross:			
4010	Outlays from new discretionary authority	30	27	20
4011	Outlays from discretionary balances	131	125	153
4020	Outlays, gross (total)	161	152	173
4180	Budget authority, net (total)	146	136	100
4190	Outlays, net (total)	161	152	173

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.

To achieve this goal, NASA will continue to support projects that seek to: (1) strengthen the Nation's future STEM workforce through a portfolio of initiatives for students at all levels, especially underserved and underrepresented communities; (2) attract and retain students in STEM disciplines and encourage their pursuit of higher education in disciplines critical to NASA's scientific and technical needs; (3) engage Americans in NASA's

mission by building strategic partnerships and linkages between STEM formal and informal education providers; and (4) engage and support the STEM education community.

Object Classification (in millions of dollars)

Identification code 80–0128–0–1–252		2011 actual	2012 est.	2013 est.
	Direct obligations:			
11.1	Personnel compensation: Full-time permanent	2	5	6
12.1	Civilian personnel benefits	1	3	3
21.0	Travel and transportation of persons	1	1	1
25.1	Advisory and assistance services	5	5	3
25.2	Other services from non-Federal sources	10	12	7
25.4	Operation and maintenance of facilities	1	1	1
25.5	Research and development contracts	8	10	6
25.7	Operation and maintenance of equipment	2	3	1
26.0	Supplies and materials	1	1	1
41.0	Grants, subsidies, and contributions	95	122	73
99.9	Total new obligations	126	163	102

Employment Summary

Identification code 80–0128–0–1–252		2011 actual	2012 est.	2013 est.
1001	Direct civilian full-time equivalent employment	21	57	58

CROSS AGENCY SUPPORT

For necessary expenses, not otherwise provided for, in the conduct and support of science, aeronautics, 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 5 U.S.C. 5901–5902; 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, [$2,995,000,000] *$2,847,500,000*, to remain available until September 30, [2013, of which $1,000,000 shall be transferred to "National Aeronautics and Space Administration, Office of Inspector General" and used by the Inspector General to commission a comprehensive independent assessment of NASA's strategic direction and agency management: *Provided*, That not less than $39,100,000 shall be available for independent verification and validation activities] *2014*. *(Science Appropriations Act, 2012.)*

Program and Financing (in millions of dollars)

Identification code 80–0122–0–1–252		2011 actual	2012 est.	2013 est.
	Obligations by program activity:			
0001	Direct program activity	3,145	2,937	2,899
0801	Reimbursable program	1,875	2,196	2,250
0900	Total new obligations	5,020	5,133	5,149
	Budgetary Resources:			
	Unobligated balance:			
1000	Unobligated balance brought forward, Oct 1	21	7	78
1011	Unobligated balance transferred from Mission Support account [80–0112]	1		
1021	Recoveries of prior year unpaid obligations	3	1	
1050	Unobligated balance (total)	25	8	78
	Budget authority:			
	Appropriations, discretionary:			
1100	Appropriation	3,111	2,995	2,848
1120	Appropriations transferred to OIG [80–0109]		–1	
1121	Appropriations transferred from Exploration account [80–0124]	3		
1121	Appropriations transferred from Science account [80–0120]	4		
1121	Appropriations transferred from Space Ops account [80–0115]	4		
1121	Appropriations transferred from CECR account [80–0130]	14		
1121	Appropriations transferred from other accts [80–0131]		9	
1130	Appropriations permanently reduced	–6		
1160	Appropriation, discretionary (total)	3,130	3,003	2,848
	Spending authority from offsetting collections, discretionary:			
1700	Collected	1,118	2,200	2,300
1701	Change in uncollected payments, Federal sources	778		
1750	Spending auth from offsetting collections, disc (total)	1,896	2,200	2,300
1900	Budget authority (total)	5,026	5,203	5,148
1930	Total budgetary resources available	5,051	5,211	5,226
	Memorandum (non-add) entries:			
1940	Unobligated balance expiring	–24		
1941	Unexpired unobligated balance, end of year	7	78	77
	Change in obligated balance:			
	Obligated balance, start of year (net):			
3000	Unpaid obligations, brought forward, Oct 1 (gross)	1,811	1,924	1,860
3010	Uncollected pymts, Fed sources, brought forward, Oct 1	–757	–832	–832
3020	Obligated balance, start of year (net)	1,054	1,092	1,028
3030	Obligations incurred, unexpired accounts	5,020	5,133	5,149
3031	Obligations incurred, expired accounts	70		
3040	Outlays (gross)	–4,936	–5,196	–5,221
3050	Change in uncollected pymts, Fed sources, unexpired	–778		
3051	Change in uncollected pymts, Fed sources, expired	703		
3080	Recoveries of prior year unpaid obligations, unexpired	–3	–1	
3081	Recoveries of prior year unpaid obligations, expired	–38		
	Obligated balance, end of year (net):			
3090	Unpaid obligations, end of year (gross)	1,924	1,860	1,788
3091	Uncollected pymts, Fed sources, end of year	–832	–832	–832
3100	Obligated balance, end of year (net)	1,092	1,028	956
	Budget authority and outlays, net:			
	Discretionary:			
4000	Budget authority, gross	5,026	5,203	5,148
	Outlays, gross:			
4010	Outlays from new discretionary authority	3,420	4,602	4,578
4011	Outlays from discretionary balances	1,516	594	643
4020	Outlays, gross (total)	4,936	5,196	5,221
	Offsets against gross budget authority and outlays:			
	Offsetting collections (collected) from:			
4030	Federal sources	–1,736	–2,044	–2,137
4033	Non-Federal sources	–125	–156	–163
4040	Offsets against gross budget authority and outlays (total)	–1,861	–2,200	–2,300
	Additional offsets against gross budget authority only:			
4050	Change in uncollected pymts, Fed sources, unexpired	–778		
4052	Offsetting collections credited to expired accounts	743		
4060	Additional offsets against budget authority only (total)	–35		
4070	Budget authority, net (discretionary)	3,130	3,003	2,848
4080	Outlays, net (discretionary)	3,075	2,996	2,921
4180	Budget authority, net (total)	3,130	3,003	2,848
4190	Outlays, net (total)	3,075	2,996	2,921

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 five 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 NASAs 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

CROSS AGENCY SUPPORT—Continued

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		2011 actual	2012 est.	2013 est.
	Direct obligations:			
	Personnel compensation:			
11.1	Full-time permanent	915	862	881
11.3	Other than full-time permanent	41	39	39
11.5	Other personnel compensation	35	33	34
11.9	Total personnel compensation	991	934	954
12.1	Civilian personnel benefits	258	243	248
13.0	Benefits for former personnel	1	1	1
21.0	Travel and transportation of persons	31	23	22
22.0	Transportation of things	4	4	4
23.1	Rental payments to GSA	29	27	26
23.2	Rental payments to others	3	3	3
23.3	Communications, utilities, and miscellaneous charges	76	71	68
24.0	Printing and reproduction	5	5	4
25.1	Advisory and assistance services	205	175	169
25.2	Other services from non-Federal sources	383	344	332
25.3	Other goods and services from Federal sources	54	50	48
25.4	Operation and maintenance of facilities	269	330	319
25.5	Research and development contracts	319	144	140
25.6	Medical care	5	5	4
25.7	Operation and maintenance of equipment	365	447	431
26.0	Supplies and materials	21	14	14
31.0	Equipment	45	42	40
32.0	Land and structures	54	50	49
41.0	Grants, subsidies, and contributions	27	25	23
99.0	Direct obligations	3,145	2,937	2,899
99.0	Reimbursable obligations	1,875	2,196	2,250
99.9	Total new obligations	5,020	5,133	5,149

Employment Summary

Identification code 80–0122–0–1–252		2011 actual	2012 est.	2013 est.
1001	Direct civilian full-time equivalent employment	8,691	8,071	7,986
2001	Reimbursable civilian full-time equivalent employment	302	261	295

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, [$390,000,000] *$619,200,000*, to remain available until September 30, [2017] *2018*: *Provided*, That [hereafter,] notwithstanding section 315 of the National Aeronautics and Space Act of 1958 ([42 U.S.C. 2459j] *51 U.S.C. 20145*), all proceeds from leases entered into under that section shall be deposited into this account and shall be available for a period of 5 years[, to the extent provided in annual appropriations Acts]: *Provided further*, That such proceeds *referred to in the previous proviso* shall be available for obligation for fiscal year [2012] *2013* in an amount not to exceed [$3,960,000] *$3,791,000*: *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 ([42 U.S.C. 2459j] *51 U.S.C. 20145*). *(Science Appropriations Act, 2012.)*

Program and Financing (in millions of dollars)

Identification code 80–0130–0–1–252		2011 actual	2012 est.	2013 est.
	Obligations by program activity:			
0001	Direct program activity	420	502	556
0801	Reimbursable program	5	4	4
0900	Total new obligations	425	506	560
	Budgetary Resources:			
	Unobligated balance:			
1000	Unobligated balance brought forward, Oct 1	85	109	108
1021	Recoveries of prior year unpaid obligations	10	15	.....
1050	Unobligated balance (total)	95	124	108
	Budget authority:			
	Appropriations, discretionary:			
1100	Appropriation	394	390	619
1120	Appropriations transferred to Mission Support account [80–0122]	–14	.....	.....
1121	Appropriations transferred from Science account [80–0120]	12	11	.....
1121	Appropriations transferred from Space Operations account [80–0115]	33	38	.....
1121	Appropriations transferred from Exploration account [80–0124]	9	52	.....
1130	Appropriations permanently reduced	–1	.....	.....
1131	Unobligated balance of appropriations permanently reduced	.....	–5	.....
1160	Appropriation, discretionary (total)	433	486	619
	Spending authority from offsetting collections, discretionary:			
1700	Collected	6	4	4
1750	Spending auth from offsetting collections, disc (total)	6	4	4
1900	Budget authority (total)	439	490	623
1930	Total budgetary resources available	534	614	731
	Memorandum (non-add) entries:			
1941	Unexpired unobligated balance, end of year	109	108	171
	Change in obligated balance:			
	Obligated balance, start of year (net):			
3000	Unpaid obligations, brought forward, Oct 1 (gross)	302	460	668
3030	Obligations incurred, unexpired accounts	425	506	560
3040	Outlays (gross)	–257	–283	–549
3080	Recoveries of prior year unpaid obligations, unexpired	–10	–15	.....
	Obligated balance, end of year (net):			
3090	Unpaid obligations, end of year (gross)	460	668	679
3100	Obligated balance, end of year (net)	460	668	679
	Budget authority and outlays, net:			
	Discretionary:			
4000	Budget authority, gross	439	490	623
	Outlays, gross:			
4010	Outlays from new discretionary authority	51	74	94
4011	Outlays from discretionary balances	206	209	455
4020	Outlays, gross (total)	257	283	549
	Offsets against gross budget authority and outlays:			
	Offsetting collections (collected) from:			
4033	Non-Federal sources	–6	–4	–4
4180	Budget authority, net (total)	433	486	619
4190	Outlays, net (total)	251	279	545

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 full 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		2011 actual	2012 est.	2013 est.
	Direct obligations:			
25.1	Advisory and assistance services	33	39	44
25.2	Other services from non-Federal sources	9	11	12
25.3	Other goods and services from Federal sources	43	51	57
25.4	Operation and maintenance of facilities	74	89	98
25.5	Research and development contracts	58	69	76
25.7	Operation and maintenance of equipment	8	10	11
26.0	Supplies and materials	2	2	3
31.0	Equipment	1	1	1
32.0	Land and structures	192	230	254
99.0	Direct obligations	420	502	556

99.0	Reimbursable obligations	5	4	4
99.9	Total new obligations	425	506	560

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 5 U.S.C. 5901–5902; travel expenses; purchase and hire of passenger motor vehicles; and purchase, lease, charter, maintenance and operation of mission and administrative aircraft, [$4,233,600,000] *$4,013,200,000*, to remain available until September 30, [2013: *Provided*, That not to exceed $41,000,000 may be transferred to "Construction and Environmental Compliance and Restoration" for construction activities only at NASA-owned facilities: *Provided further*, That funds so transferred shall not be subject to the 10 percent transfer limitation described in the Administrative Provisions in this Act for the National Aeronautics and Space Administration and shall be treated as a reprogramming under section 505 of this Act: *Provided further*, That acquisition of the Tracking and Data Relay Satellite-M may be funded incrementally in fiscal year 2012 and thereafter] *2014*. *(Science Appropriations Act, 2012.)*

Program and Financing (in millions of dollars)

Identification code 80–0115–0–1–252		2011 actual	2012 est.	2013 est.
	Obligations by program activity:			
0001	Space operations	5,379	4,247	4,016
	Budgetary Resources:			
	Unobligated balance:			
1000	Unobligated balance brought forward, Oct 1	103	88	97
1011	Unobligated balance transfer from other accts [80–0111]	2		
1021	Recoveries of prior year unpaid obligations	42	60	
1050	Unobligated balance (total)	147	148	97
	Budget authority:			
	Appropriations, discretionary:			
1100	Appropriation	5,509	4,234	4,013
1120	Appropriations transferred to other accts [80–0124]	–140		
1120	Appropriations transferred to other accts [80–0122]	–4		
1120	Appropriations transferred to other accts [80–0130]	–33	–38	
1121	Appropriations transferred from other accts [80–0124]		2	
1121	Appropriations transferred from other accts [80–0131]		10	
1130	Appropriations permanently reduced	–11		
1131	Unobligated balance of appropriations permanently reduced		–12	
1160	Appropriation, discretionary (total)	5,321	4,196	4,013
1930	Total budgetary resources available	5,468	4,344	4,110
	Memorandum (non-add) entries:			
1940	Unobligated balance expiring	–1		
1941	Unexpired unobligated balance, end of year	88	97	94
	Change in obligated balance:			
	Obligated balance, start of year (net):			
3000	Unpaid obligations, brought forward, Oct 1 (gross)	1,724	2,017	1,659
3010	Uncollected pymts, Fed sources, brought forward, Oct 1	–12	–5	–5
3020	Obligated balance, start of year (net)	1,712	2,012	1,654
3030	Obligations incurred, unexpired accounts	5,379	4,247	4,016
3031	Obligations incurred, expired accounts	21		
3040	Outlays (gross)	–5,058	–4,545	–4,271
3051	Change in uncollected pymts, Fed sources, expired	7		
3080	Recoveries of prior year unpaid obligations, unexpired	–42	–60	
3081	Recoveries of prior year unpaid obligations, expired	–7		
	Obligated balance, end of year (net):			
3090	Unpaid obligations, end of year (gross)	2,017	1,659	1,404
3091	Uncollected pymts, Fed sources, end of year	–5	–5	–5
3100	Obligated balance, end of year (net)	2,012	1,654	1,399
	Budget authority and outlays, net:			
	Discretionary:			
4000	Budget authority, gross	5,321	4,196	4,013
	Outlays, gross:			
4010	Outlays from new discretionary authority	3,333	3,146	3,009
4011	Outlays from discretionary balances	1,725	1,399	1,262
4020	Outlays, gross (total)	5,058	4,545	4,271
	Offsets against gross budget authority and outlays:			
	Offsetting collections (collected) from:			
4030	Federal sources	–4		
4033	Non-Federal sources	–8		
4040	Offsets against gross budget authority and outlays (total)	–12		
	Additional offsets against gross budget authority only:			
4052	Offsetting collections credited to expired accounts	12		
4070	Budget authority, net (discretionary)	5,321	4,196	4,013
4080	Outlays, net (discretionary)	5,046	4,545	4,271
4180	Budget authority, net (total)	5,321	4,196	4,013
4190	Outlays, net (total)	5,046	4,545	4,271

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 Space Shuttle program transition and retirement, International Space Station, and Space and Flight Support. Detailed performance goals associated with these activities are addressed in NASA's detailed budget request.

The Space Shuttle has been retired after helping to build the International Space Station. 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 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.

Object Classification (in millions of dollars)

Identification code 80–0115–0–1–252		2011 actual	2012 est.	2013 est.
	Direct obligations:			
	Personnel compensation:			
11.1	Full-time permanent	329	286	267
11.3	Other than full-time permanent	13	11	11
11.5	Other personnel compensation	3	3	2
11.9	Total personnel compensation	345	300	280
12.1	Civilian personnel benefits	95	83	77
21.0	Travel and transportation of persons	21	8	7
22.0	Transportation of things	854	1,185	1,256
23.2	Rental payments to others	1	1	1
23.3	Communications, utilities, and miscellaneous charges	17	11	10
24.0	Printing and reproduction	1	1	1
25.1	Advisory and assistance services	190	118	105
25.2	Other services from non-Federal sources	120	74	66
25.3	Other goods and services from Federal sources	82	54	48
25.4	Operation and maintenance of facilities	105	69	62
25.5	Research and development contracts	3,153	2,087	1,873
25.7	Operation and maintenance of equipment	300	197	176
26.0	Supplies and materials	46	27	24
31.0	Equipment	25	16	15
32.0	Land and structures	9	6	6
41.0	Grants, subsidies, and contributions	15	10	9
99.9	Total new obligations	5,379	4,247	4,016

SPACE OPERATIONS—Continued

Employment Summary

Identification code 80–0115–0–1–252	2011 actual	2012 est.	2013 est.
1001 Direct civilian full-time equivalent employment	2,988	2,563	2,343

OFFICE OF INSPECTOR GENERAL

For necessary expenses of the Office of Inspector General in carrying out the Inspector General Act of 1978, [$37,300,000] *$37,000,000*, of which $500,000 shall remain available until September 30, [2013] *2014*. *(Science Appropriations Act, 2012.)*

Program and Financing (in millions of dollars)

Identification code 80–0109–0–1–252	2011 actual	2012 est.	2013 est.
Obligations by program activity:			
0001 Direct program activity	37	39	37
0801 Reimbursable program activity	1	1	1
0900 Total new obligations	38	40	38
Budgetary Resources:			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1	2	1	.....
Budget authority:			
Appropriations, discretionary:			
1100 Appropriation	36	37	37
1121 Appropriations transferred from other accts [80–0122]	.....	1	.....
1160 Appropriation, discretionary (total)	36	38	37
Spending authority from offsetting collections, discretionary:			
1700 Collected	1	1	1
1750 Spending auth from offsetting collections, disc (total)	1	1	1
1900 Budget authority (total)	37	39	38
1930 Total budgetary resources available	39	40	38
Memorandum (non-add) entries:			
1941 Unexpired unobligated balance, end of year	1	.....	.....
Change in obligated balance:			
Obligated balance, start of year (net):			
3000 Unpaid obligations, brought forward, Oct 1 (gross)	6	4	4
3030 Obligations incurred, unexpired accounts	38	40	38
3040 Outlays (gross)	–40	–40	–38
Obligated balance, end of year (net):			
3090 Unpaid obligations, end of year (gross)	4	4	4
3100 Obligated balance, end of year (net)	4	4	4
Budget authority and outlays, net:			
Discretionary:			
4000 Budget authority, gross	37	39	38
Outlays, gross:			
4010 Outlays from new discretionary authority	34	35	34
4011 Outlays from discretionary balances	6	5	4
4020 Outlays, gross (total)	40	40	38
Offsets against gross budget authority and outlays:			
Offsetting collections (collected) from:			
4030 Federal sources	–1	–1	–1
4180 Budget authority, net (total)	36	38	37
4190 Outlays, net (total)	39	39	37

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	2011 actual	2012 est.	2013 est.
Direct obligations:			
11.1 Personnel compensation: Full-time permanent	22	24	24
12.1 Civilian personnel benefits	8	8	8
21.0 Travel and transportation of persons	1	1	1
25.2 Other services from non-Federal sources	3	6	4
99.0 Direct obligations	34	39	37
99.0 Reimbursable obligations	1	1	1
99.5 Below reporting threshold	3	.....	.....
99.9 Total new obligations	38	40	38

Employment Summary

Identification code 80–0109–0–1–252	2011 actual	2012 est.	2013 est.
1001 Direct civilian full-time equivalent employment	201	208	208
2001 Reimbursable civilian full-time equivalent employment	5	5	5

SCIENCE, AERONAUTICS, AND EXPLORATION

Program and Financing (in millions of dollars)

Identification code 80–0114–0–1–999	2011 actual	2012 est.	2013 est.
Obligations by program activity:			
0001 Direct program activity	6	.....	3
0293 Direct program activities, subtotal	6	.....	3
Budgetary Resources:			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1	5	.....	3
1021 Recoveries of prior year unpaid obligations	1	3	.....
1050 Unobligated balance (total)	6	3	3
1930 Total budgetary resources available	6	3	3
Memorandum (non-add) entries:			
1941 Unexpired unobligated balance, end of year	.....	3	.....
Change in obligated balance:			
Obligated balance, start of year (net):			
3000 Unpaid obligations, brought forward, Oct 1 (gross)	338	113	6
3010 Uncollected pymts, Fed sources, brought forward, Oct 1	–52	–13	–13
3020 Obligated balance, start of year (net)	286	100	–7
3030 Obligations incurred, unexpired accounts	6	.....	3
3031 Obligations incurred, expired accounts	16	.....	.....
3040 Outlays (gross)	–210	–104	–3
3051 Change in uncollected pymts, Fed sources, expired	39	.....	.....
3080 Recoveries of prior year unpaid obligations, unexpired	–1	–3	.....
3081 Recoveries of prior year unpaid obligations, expired	–36	.....	.....
Obligated balance, end of year (net):			
3090 Unpaid obligations, end of year (gross)	113	6	6
3091 Uncollected pymts, Fed sources, end of year	–13	–13	–13
3100 Obligated balance, end of year (net)	100	–7	–7
Budget authority and outlays, net:			
Discretionary:			
Outlays, gross:			
4011 Outlays from discretionary balances	210	104	3
Offsets against gross budget authority and outlays:			
Offsetting collections (collected) from:			
4030 Federal sources	–34	.....	.....
4033 Non-Federal sources	–3	.....	.....
4040 Offsets against gross budget authority and outlays (total)	–37	.....	.....
Additional offsets against gross budget authority only:			
4052 Offsetting collections credited to expired accounts	37	.....	.....
4080 Outlays, net (discretionary)	173	104	3
4190 Outlays, net (total)	173	104	3

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.

Object Classification (in millions of dollars)

Identification code 80–0114–0–1–999	2011 actual	2012 est.	2013 est.
Direct obligations:			
25.4 Operation and maintenance of facilities	3		2
32.0 Land and structures	3		1
99.9 Total new obligations	6		3

Human Space Flight

Program and Financing (in millions of dollars)

Identification code 80–0111–0–1–252	2011 actual	2012 est.	2013 est.
Budgetary Resources:			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1	2		
1010 Unobligated balance transfer to other accts [80–0115]	–2		
Change in obligated balance:			
Obligated balance, start of year (net):			
3000 Unpaid obligations, brought forward, Oct 1 (gross)	4	4	
3031 Obligations incurred, expired accounts	1		
3040 Outlays (gross)	–1	–4	
Obligated balance, end of year (net):			
3090 Unpaid obligations, end of year (gross)	4		
3100 Obligated balance, end of year (net)	4		
Budget authority and outlays, net:			
Discretionary:			
Outlays, gross:			
4011 Outlays from discretionary balances	1	4	
4190 Outlays, net (total)	1	4	

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 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	2011 actual	2012 est.	2013 est.
Change in obligated balance:			
Obligated balance, start of year (net):			
3000 Unpaid obligations, brought forward, Oct 1 (gross)	2	2	
3040 Outlays (gross)		–2	
Obligated balance, end of year (net):			
3090 Unpaid obligations, end of year (gross)	2		
3100 Obligated balance, end of year (net)	2		
Budget authority and outlays, net:			
Discretionary:			
Outlays, gross:			
4011 Outlays from discretionary balances		2	
4190 Outlays, net (total)		2	

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	2011 actual	2012 est.	2013 est.
Budgetary Resources:			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1	1	1	1
1010 Unobligated balance transfer to other accts [80–0122]	–1		
1021 Recoveries of prior year unpaid obligations	1	1	
1050 Unobligated balance (total)	1	2	1
Budget authority:			
Appropriations, discretionary:			
1131 Unobligated balance of appropriations permanently reduced		–1	
1160 Appropriation, discretionary (total)		–1	
1930 Total budgetary resources available	1	1	1
Memorandum (non-add) entries:			
1941 Unexpired unobligated balance, end of year	1	1	1
Change in obligated balance:			
Obligated balance, start of year (net):			
3000 Unpaid obligations, brought forward, Oct 1 (gross)	2	1	
3080 Recoveries of prior year unpaid obligations, unexpired	–1	–1	
Obligated balance, end of year (net):			
3090 Unpaid obligations, end of year (gross)	1		
3100 Obligated balance, end of year (net)	1		
Budget authority and outlays, net:			
Discretionary:			
4000 Budget authority, gross		–1	
4180 Budget authority, net (total)		–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	2011 actual	2012 est.	2013 est.
Obligations by program activity:			
0801 Reimbursable program activity	85	316	402
Budgetary Resources:			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1	5	5	23
1021 Recoveries of prior year unpaid obligations	1	2	
1050 Unobligated balance (total)	6	7	23
Budget authority:			
Spending authority from offsetting collections, discretionary:			
1700 Collected	84	332	403
1750 Spending auth from offsetting collections, disc (total)	84	332	403
1930 Total budgetary resources available	90	339	426
Memorandum (non-add) entries:			
1941 Unexpired unobligated balance, end of year	5	23	24
Change in obligated balance:			
Obligated balance, start of year (net):			
3000 Unpaid obligations, brought forward, Oct 1 (gross)	31	27	28

WORKING CAPITAL FUND—Continued

Program and Financing—Continued

Identification code 80–4546–0–4–252		2011 actual	2012 est.	2013 est.
3030	Obligations incurred, unexpired accounts	85	316	402
3040	Outlays (gross)	–88	–313	–394
3080	Recoveries of prior year unpaid obligations, unexpired	–1	–2	
	Obligated balance, end of year (net):			
3090	Unpaid obligations, end of year (gross)	27	28	36
3100	Obligated balance, end of year (net)	27	28	36
	Budget authority and outlays, net:			
	Discretionary:			
4000	Budget authority, gross	84	332	403
	Outlays, gross:			
4010	Outlays from new discretionary authority	83	282	343
4011	Outlays from discretionary balances	5	31	51
4020	Outlays, gross (total)	88	313	394
	Offsets against gross budget authority and outlays:			
	Offsetting collections (collected) from:			
4030	Federal sources	–74	–321	–393
4033	Non-Federal sources	–10	–11	–10
4040	Offsets against gross budget authority and outlays (total)	–84	–332	–403
4080	Outlays, net (discretionary)	4	–19	–9
4190	Outlays, net (total)	4	–19	–9

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.

Within the NASA Administrative Provisions, an amendment to 51 U.S.C. 30102(c) is proposed to clarify that rebates received by NASA pursuant to government-sponsored and contractor-issued credit card programs (for example, government travel cards and low-dollar procurement purchase cards) may be deposited in the Working Capital Fund at the NASA Shared Services Center, which administers these programs. In a recent audit of the credit card program, the NASA Inspector General concluded that in the absence of such statutory authority, rebates would have to be credited to the appropriation funding the travel or purchase. This conclusion was based on a similar finding and opinion by Department of Treasury's Inspector General for Tax Administration. Enactment of the provisions would eliminate a costly and time-intensive process that largely undercuts the modest financial gain received from the rebate program.

Object Classification (in millions of dollars)

Identification code 80–4546–0–4–252		2011 actual	2012 est.	2013 est.
	Reimbursable obligations:			
11.1	Personnel compensation: Full-time permanent	12	13	13
12.1	Civilian personnel benefits	4	4	4
21.0	Travel and transportation of persons	1	4	6
23.3	Communications, utilities, and miscellaneous charges	1		
25.1	Advisory and assistance services	1	4	6
25.2	Other services from non-Federal sources	52	230	292
25.4	Operation and maintenance of facilities	3	13	17
25.7	Operation and maintenance of equipment	9	40	52
31.0	Equipment	1	4	6
32.0	Land and structures	1	4	6
99.9	Total new obligations	85	316	402

Employment Summary

Identification code 80–4546–0–4–252		2011 actual	2012 est.	2013 est.
2001	Reimbursable civilian full-time equivalent employment	136	145	145

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		2011 actual	2012 est.	2013 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		2011 actual	2012 est.	2013 est.
	Obligations by program activity:			
0001	Direct program activity	1	1	1
0900	Total new obligations (object class 41.0)	1	1	1
	Budgetary Resources:			
	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
	Change in obligated balance:			
3030	Obligations incurred, unexpired accounts	1	1	1
3040	Outlays (gross)	–1	–1	–1
	Budget authority and outlays, net:			
	Mandatory:			
4090	Budget authority, gross	1	1	1
	Outlays, gross:			
4100	Outlays from new mandatory authority		1	1
4101	Outlays from mandatory balances	1		
4110	Outlays, gross (total)	1	1	1
4180	Budget authority, net (total)	1	1	1
4190	Outlays, net (total)	1	1	1
	Memorandum (non-add) entries:			
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		2011 actual	2012 est.	2013 est.
	Obligations by program activity:			
0001	Direct program activity	1		
0900	Total new obligations (object class 41.0)	1		
	Budgetary Resources:			
	Unobligated balance:			
1000	Unobligated balance brought forward, Oct 1	2	1	1

1930	Total budgetary resources available	2	1	1
	Memorandum (non-add) entries:			
1941	Unexpired unobligated balance, end of year	1	1	1
	Change in obligated balance:			
	Obligated balance, start of year (net):			
3000	Unpaid obligations, brought forward, Oct 1 (gross)	1	1	1
3030	Obligations incurred, unexpired accounts	1		
3040	Outlays (gross)	–1		
	Obligated balance, end of year (net):			
3090	Unpaid obligations, end of year (gross)	1	1	1
3100	Obligated balance, end of year (net)	1	1	1
	Budget authority and outlays, net:			
	Discretionary:			
	Outlays, gross:			
4011	Outlays from discretionary balances	1		
4190	Outlays, net (total)	1		

ADMINISTRATIVE PROVISIONS

Funds for announced prizes otherwise authorized shall remain available, without fiscal year limitation, until the 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*:* **[**.**]** **[**Balances**]** *Provided, That any funds transferred to "Construction and Environmental Compliance and Restoration" for construction activities shall not increase that account by more than 20 percent: Provided further, That 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**]** *: Provided further, That any* transfer pursuant to this provision shall be treated as a reprogramming of funds under section 505 of this Act and shall not be available for obligation except in compliance with the procedures set forth in that section.

[The unexpired balances of previous accounts, for activities for which funds are provided under this Act, may be transferred to the new accounts established in this Act that provide such activity. Balances so transferred shall be merged with the funds in the newly established accounts, but shall be available under the same terms, conditions and period of time as previously appropriated.**]**

[Section 40902 of title 51, United States Code, is amended by adding at the end the following:"(d)Availability of Funds.—The interest accruing from the National Aeronautics and Space Administration Endeavor Teacher Fellowship Trust Fund principal shall be available in fiscal year 2012 for the purpose of the Endeavor Science Teacher Certificate Program.".51 U.S.C. 20145(b)(1) is amended by inserting "(A)" before "A person" and by adding at the end thereof the following new subparagraph (B) as follows:"(B) Notwithstanding subparagraph (A), the Administrator may accept in-kind consideration for leases entered into for the purpose of developing renewable energy production facilities.".The spending plan required by section 538 of 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 of this Act, shall be treated as a reprogramming under section 505 of this Act and shall not be available for obligation or expenditure except in compliance with the procedures set forth in that section.**]**

Section 30102(c) of title 51 of the United States Code, is amended by striking "and" at the end of paragraph (2) and inserting before the period at the end: "; and (4) refunds or rebates received on an on-going basis from a credit card services provider under the National Aeronautics and Space Administration's credit card programs." (Science Appropriations Act, 2012.)

GENERAL FUND RECEIPT ACCOUNT

(in millions of dollars)

	2011 actual	2012 est.	2013 est.
Offsetting receipts from the public:			
80–322000 All Other General Fund Proprietary Receipts Including Budget Clearing Accounts	7	15	15
General Fund Offsetting receipts from the public	7	15	15
Intragovernmental payments:			
80–388500 Undistributed Intragovernmental Payments and Receivables from Cancelled Accounts	9	5	5
General Fund Intragovernmental payments	9	5	5