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NASA Appropriations and Authorizations: A Fact Sheet

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In the current fiscal environment, congressional deliberations about the National Aeronautics and Space Administration (NASA) often focus on the availability of funding. This fact sheet provides data on past and current NASA appropriations as well as proposed NASA appropriations for FY2015 and proposed authorizations of NASA appropriations for FY2015 and FY2016.

NASA issues of congressional interest are discussed further in CRS Report R43144, *NASA: Issues for Authorization, Appropriations, and Oversight in the 113th Congress*. Additional information on appropriations legislation affecting NASA is provided in CRS Report R43509, *Commerce, Justice, Science, and Related Agencies: FY2015 Appropriations*, and similar reports for other years.¹

Table 1 shows appropriations for NASA from FY2010 through FY2014. The data for FY2010 through FY2013 include supplemental appropriations, rescissions, transfers, reprogramming, and, in the case of FY2013, sequestration. They are taken from NASA's congressional budget justifications for FY2012 through FY2015. Congressional budget justifications are available on the NASA website (<http://www.nasa.gov/news/budget/>) for the current year and for previous years back to FY2002. The table data for FY2014 are as enacted by the Consolidated Appropriations Act, 2014 (P.L. 113-76), before any reprogramming or other modifications. For amounts not specified in the act, see pp. H515-H517 of the joint explanatory statement, published in the *Congressional Record* on January 15, 2014.

Table 2 shows enacted appropriations for FY2014 (as above); the Administration's request for FY2015 and additional FY2015 funds proposed under the Opportunity, Growth, and Security Initiative (as given in NASA's FY2015 congressional budget justification); FY2015 appropriations proposed in H.R. 4660 as passed by the House on May 30, 2014; and the authorizations of appropriations for FY2015 and FY2016 in three versions of the NASA Authorization Act of 2013: the House majority bill (H.R. 2687) as ordered reported on July 18, 2013 (does not include amounts for FY2016); the Senate majority bill (S. 1317) as ordered reported on July 30, 2013; and the House minority bill (H.R. 2616) as introduced on July 8, 2013. Because FY2014 appropriations were enacted on January 17, 2014, the amounts that these three authorization bills would authorize for FY2014 are not shown.²

Figure 1 shows NASA's total annual budget authority from the agency's establishment in FY1958 to FY2014, in both current dollars and inflation-adjusted FY2014 dollars.

¹ See, for example, CRS Report R43080, *Commerce, Justice, Science, and Related Agencies: FY2014 Appropriations*; CRS Report R42440, *Commerce, Justice, Science, and Related Agencies: FY2013 Appropriations*; CRS Report R41721, *Commerce, Justice, Science, and Related Agencies: FY2012 Appropriations*; CRS Report R41161, *Commerce, Justice, Science, and Related Agencies: FY2011 Appropriations*; and CRS Report R40644, *Commerce, Justice, Science, and Related Agencies: FY2010 Appropriations*.

² A fourth bill, the NASA Authorization Act of 2014 (H.R. 4412), was ordered reported by a voice vote of the House Committee on Science, Space, and Technology on April 29, 2014, and may effectively supersede H.R. 2687 and H.R. 2616. H.R. 4412 is not included in the table as it would authorize appropriations only for FY2014.

Table I. NASA Appropriations, FY2010-FY2014

(budget authority in \$ millions)

	FY2010	FY2011	FY2012	FY2013	FY2014
Science	\$4,498	\$4,920	\$5,074	\$4,782	\$5,151
Earth Science	1,439	1,722	1,761	1,659	1,826
Planetary Science	1,364	1,451	1,501	1,275	1,345
Astrophysics	647	631	648	617	668
James Webb Space Telescope	439	477	519	628	658
Heliophysics	608	639	645	603	654
Aeronautics	497	534	569	530	566
Space Technology	275	456	574	615	576
Exploration	3,626	3,821	3,707	3,706	4,113
Exploration Systems Development	3,288	2,982	3,002	2,884	3,115
- Orion MPCV	—	1,196	1,200	1,114	1,197
- Space Launch System	—	1,536	1,497	1,415	1,600
- Exploration Ground Systems	—	250	305	355	318
Commercial Spaceflight	39	607	406	525	696
Exploration R&D	299	232	300	297	302
Space Operations	6,142	5,146	4,184	3,725	3,778
Space Shuttle	3,101	1,593	596	39	— ^a
International Space Station	2,313	2,714	2,790	2,776	— ^a
Space and Flight Support	728	840	798	910	— ^a
Education	180	145	136	116	117
Space Grant	46	46	39	37	40
EPSCoR	25	25	17	17	18
MUREP	31	29	30	28	30
Other	79	47	50	34	29
Cross-Agency Support	3,018	2,956	2,994	2,711	2,793
Construction and EC&R	453	433	495	661^b	515
Inspector General	36	36	38	35	38
Total	18,724	18,448	17,770^c	16,879^b	17,647

Sources: FY2010-FY2013 from NASA FY2012-FY2015 congressional budget justifications. FY2014 from P.L. 113-76 and pp. H515-H517 of the joint explanatory statement, *Congressional Record*, January 15, 2014.

Notes: Some totals may not add because of rounding. MPCV = Multipurpose Crew Vehicle. R&D = Research and Development. EPSCoR = Experimental Program to Stimulate Competitive Research. MUREP = Minority University Research Education Program. EC&R = Environmental Compliance and Remediation.

- Not specified in P.L. 113-76 or the joint explanatory statement. As of March 10, 2014, NASA's operating plan for FY2014 included no funding for Space Shuttle, \$2,964 million for International Space Station, and \$812 million for Space and Flight Support, with the remaining \$2 million transferred to other accounts.
- Includes \$14 million (after sequestration) of supplemental funding from the Disaster Relief Appropriations Act, 2013 (P.L. 113-2) that is not shown in the NASA FY2015 congressional budget justification.
- Includes rescission of \$1 million from prior-year accounts not shown in the table.

Table 2. NASA Appropriations, FY2014-FY2015, and Authorizations, FY2015-FY2016
(budget authority in \$ millions)

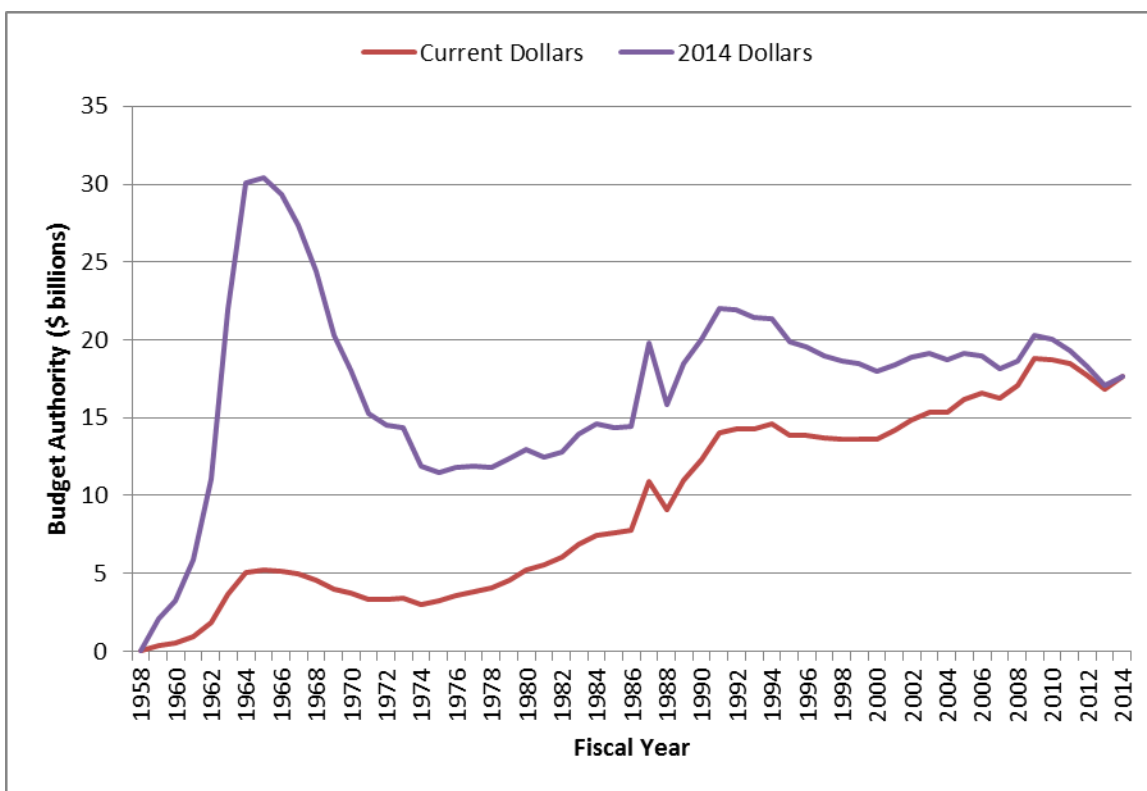
	Appropriations				Authorizations				
	FY2014	FY2015			H.R. 2687	S. 1317		H.R. 2616	
	Enacted	Request	OGSI	House	FY2015	FY2015	FY2016	FY2015	FY2016
Science	\$5,151	\$4,972	\$187	\$5,193	\$4,627	\$5,234	\$5,316	\$5,293	\$5,306
Earth Science	1,826	1,770	—	1,750	1,200	1,836	1,872	1,855	1,849
Planetary Science	1,345	1,280	—	1,450	1,500	1,450	1,500	1,500	1,500
Astrophysics	668	607	—	680	642	670	687	660	700
James Webb Space Tel.	658	645	—	645	658	645	620	645	620
Heliophysics	654	669	—	668	626	633	637	633	637
Aeronautics	566	551	44	666	566	581	593	581	594
Space Technology	576	706	100	627	500	650	665	645	720
Exploration	4,113	3,976	350	4,167	4,007	4,522	4,660	4,436	4,534
Exploration Sys. Devt.	3,115	2,784	100	3,055	3,002	3,375	3,485	3,393	3,474
- Orion MPCV	1,197	1,053	—	1,140	1,200	1,225	1,250	1,235	1,260
- Space Launch System	1,600	1,380	—	1,600	1,484	1,725	1,800	1,750	1,800
- Explor. Ground Systems	318	351	—	315	318	425	435	408	414
Commercial Spaceflight	696	848	250	785	700	815	825	700	700
Exploration R&D	302	343	0	327	305	332	350	343	360
Space Operations	3,778	3,905	101	3,878^a	3,818	3,948	4,010	4,042	4,133
Internatl. Space Station	— ^b	3,051	101	3,040	2,984	3,103	3,196	3,197	3,320
Space and Flight Support	— ^b	855	0	845	834	845	814	845	814
Education	117	89	10	106	125	140	142	136	136
Space Grant	40	24	0	30	—	—	—	—	—
EPSCoR	18	9	0	9	—	—	—	—	—
MUREP	30	30	0	32	—	—	—	—	—
Other	29	26	10	35	—	—	—	—	—
Cross-Agency Suppt.^c	2,793	2,779	0	2,779	2,600	2,907	2,965	2,850	2,937
Construction & EC&R	515	446	94	446	587	441	441	441	471
Inspector General	38	37	0	34	35	39	39	37	37
Total	17,647	17,461	886	17,896	16,865	18,462	18,831	18,462	18,868

Sources: FY2014 enacted from P.L. 113-76 and pp. H515-H517 of the joint explanatory statement, *Congressional Record*, January 15, 2014. FY2015 request and OGS from NASA FY2015 congressional budget justification. FY2015 House from H.R. 4660 as passed by the House and H.Rept. 113-448. Authorizations from H.R. 2687 as ordered reported, S. 1317 as ordered reported, and H.R. 2616 as introduced.

Notes: Some totals may not add because of rounding. OGS = Opportunity, Growth, and Security Initiative. MPCV = Multipurpose Crew Vehicle. R&D = Research and Development. EPSCoR = Experimental Program to Stimulate Competitive Research. MUREP = Minority University Research Education Program. EC&R = Environmental Compliance and Remediation.

- A floor amendment reduced the amount for Space Operations without specifying how the reduction should be allocated. As a result, the amounts for I and Space and Flight Support do not add to the amount for Space Operations.
- Not specified in P.L. 113-76 or the joint explanatory statement. As of March 20, 2014, NASA's operating plan for FY2014 included \$2,964 million for International Space Station and \$812 million for Space and Flight Support, with the remaining \$2 million transferred to other accounts.
- Cross-Agency Support is called Safety, Security, and Mission Services in H.R. 4660.

Figure I. NASA Funding, FY1958-FY2014



Source: FY1958-FY2008 from National Aeronautics and Space Administration, *Aeronautics and Space Report of the President: Fiscal Year 2008 Activities*, <http://history.nasa.gov/presrep2008.pdf>, Table D-1A. FY2009-FY2013 from NASA congressional budget justifications, FY2011-FY2015. FY2014 from P.L. 113-76. Current dollars deflated to FY2014 dollars using GDP (chained) price index from President’s budget for FY2015, Historical Table 10.1, <http://www.whitehouse.gov/omb/budget/Historicals>.

Note: Transition quarter between FY1976 and FY1977 not shown.

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