



NASA's FY2014 Budget Request

President Obama is requesting \$17.71 billion for NASA in FY2014. Congressional action on that request is summarized in the table on the next page.

The House and Senate Appropriations Committees completed markup of their respective, and very different, versions of the Commerce-Justice-Science (CJS) appropriations bill, which includes NASA, on July 17 and July 18, 2013 respectively.

The House and Senate committees that authorize NASA activities also are working on a new authorization bill for the agency. Authorization bills set policy and recommend funding levels, but do not actually provide any money; only appropriations acts provide money. The House Science, Space and Technology Committee marked up its 2013 NASA authorization bill on July 18. The Senate version was introduced on July 17 and the Senate Commerce, Science and Transportation Committee may mark it up before the end of July.

As of the date of this fact sheet, the outcome of NASA's FY2013 funding – the fiscal year now underway -- remains unclear. The final FY2013 appropriations bill (P.L. 113-6) was signed into law in March 2013, but the amount approved for NASA (\$17.86 billion) was subject to reductions required by sections at the end of that bill including across-the-board cuts due to the sequester and two rescissions. In total, they require a reduction of about 7 percent. The total for NASA is thought to be in the \$16.6-\$16.9 billion range. How the cuts are being applied continues to be debated among the White House Office of Management and Budget (OMB), NASA and Congress. Hence, in the following table funding figures for FY2013 are shown as "pending."

NASA is requesting \$105 million for an **Asteroid Return Mission** (or Asteroid Retrieval Mission or Asteroid Redirect Mission – all abbreviated ARM), but it is not identified separately in the FY2014 budget request. NASA states that the \$105 million is comprised of \$20 million in the planetary science line for additional funds to locate asteroids (on top of \$20 million already planned); \$45 million in the Space Technology line for development of high power solar electric propulsion and other technologies; and \$40 million in the Exploration account for studies. The House authorization bill specifically prohibits spending any funds on this mission, and the House appropriations bill provides no funding. The Senate authorization bill does not address ARM, neither supporting nor prohibiting it. The Senate appropriations bill is silent on it.

FY2014 NASA Budget Request
(in \$ millions; see notes on next page)

Account ³	2013	2014 Req	Authorization			Appropriation		
			House HR 2687 (ord. rept.)	Senate S 1317 (introduced)	Final	House H.R. 2787 H Rpt. 113-171	Senate S 1329, S. Rpt 113-78	Final
Science	pending	5,017.8	4,626.9	5,154.0		4,781.0	5,154.2	
<i>Earth Science</i>	pending	1,846.1	1,200.0	1,800.0		1,659.0	1,846.2	
<i>Planetary Science</i>	pending	1,217.5	1,500.0	1,400.0		1,315.0	1,317.6	
<i>Astrophysics</i>	pending	642.3	642.3	642.0		622.0	678.4	
<i>JWST</i>	pending	658.2	658.2	658.0		584.0	658.2	
<i>Heliophysics</i>	pending	653.7	626.4	654.0		601.0	653.8	
Aeronautics	pending	565.7	565.7	570.0		566.0	558.7	
Space Technology	pending	742.6	500.0	635.0		576.0	670.1	
Exploration⁴	pending	3,915.5	4,007.4	4,275.0		3,612.0	4,209.3	
<i>Expl Sys Dev</i>	pending	2,730.0	3,002.4	<i>not shown</i>		2,825.0	⁴ <i>not shown</i>	
<i>(Space Lnc Sys - SLS)⁵</i>	pending	(1,384.9)	(1,802.4)	(1,600.0)		(1,476.0)	1,600.0	
<i>(Orion)</i>	pending	(1,026.8)	(1,200.0)	(1,200.0)		(1,050.0)	1,200.0	
<i>(Expl Ground Sys)⁵</i>	pending	(318.2)	<i>not shown</i>	(350.0)		(299.0)	318.2	
<i>Commercial Spfltt</i>	pending	821.4	700.0	800.0		500.0	775.0	
<i>Expl R&D</i>	pending	364.2	305.0	325.0		287.0	316.1	
Space Operations	pending	3,882.9	3,817.9	3,832.0		3,670.0	3,882.9	
<i>ISS</i>	pending	3,049.1	2,984.1	3,000.0		2,860.0	3,049.1	
<i>Space & Flt Support</i>	pending	833.8	833.8	832.0		810.0	833.8	
Education⁴	pending	94.2	125.0	136.0		122.0	116.6	
<i>Aersp Res & Career Dev</i>	pending	33.0	<i>not shown</i>	<i>not shown</i>		33.0	⁴ <i>not shown</i>	
<i>(Space Grant)</i>	pending	(24.0)	<i>not shown</i>	<i>not shown</i>		(24.0)	40.0	
<i>(EPSCoR)</i>	pending	(9.0)	<i>not shown</i>	<i>not shown</i>		(9.0)	18.0	
<i>STEM Ed & Acctability</i>	pending	61.2	<i>not shown</i>	<i>not shown</i>		89.0	⁴ <i>not shown</i>	
<i>(MUREP)</i>	pending	(30.0)	<i>not shown</i>	<i>not shown</i>		(30.0)	30.0	
<i>Stem Ed & Acct Projects⁴</i>	pending	(31.2)	<i>not shown</i>	<i>not shown</i>		⁴ (59.0)	28.6	
Cross Agency Support	pending	2,850.3	2,600.0	2,850.0		2,711.0	2,793.6	
CECR⁵	pending	609.4	587.0	610.0		525.0	586.9	
Inspector General	pending	37.0	35.3	38.0		35.3	38.0	
Total	pending	17,715.4	16,865.2	18,100.0		16,598.3	18,010.3	

Notes: (1) Text and numbers in italics are subsets. Text and numbers in italics and parentheses are sub-subsets. Columns may not add due to rounding. Figures for the request are from NASA's budget documents at <http://www.nasa.gov/budget>. The other figures are from the bills and reports from the relevant congressional committee.

(2) CECR = Construction, Environmental Compliance and Remediation.

(3) The **Asteroid Return Mission** (or Asteroid Retrieval Mission or Asteroid Redirect Mission) is not identified separately in the FY2014 budget request. NASA states that it is requesting \$105 million for ARM: \$20 million in the planetary science line for additional funds to locate asteroids (on top of \$20 million already planned); \$45 million in the Space Technology line for development of solar electric propulsion and other technologies for the mission; and \$40 million in Exploration for studies. The House authorization bill prohibits spending any funds on this mission. The House appropriations bill provides no funding for this mission. The Senate authorization bill does not specifically address this mission so neither approves nor prohibits it. The Senate appropriations bill is silent on it.

(4) The Senate appropriations bill does not show the line items under Exploration or those under Education as sub-subsets as do the other bills and the request, but only as subsets, thus they are not in parentheses in this table. The House Appropriations report creates the STEM Facilitation and Coordination subaccount (instead of STEM Education and Accountability Projects) as "the agency's exclusive source of appropriated funds for education and public outreach activities other than Space Grant, EPSCoR and MUREP" as an "internal consolidation." Language in the Senate report suggests that although they did not rename the account, it does also represent a consolidation of education activities.

(5) The Space Launch System program includes funds listed in the request and most of the bills as "Space Launch System" and "Exploration Ground Systems," both in the Exploration account, as well as related funding for construction of facilities in the CECR account. The following table compares the complete total for SLS in the request and bills. The House and Senate authorization bills do not indicate some of the amounts. They will be added when they become available, perhaps when the associated reports are released.

Space Launch System Funding (in \$ millions)

Account	FY2013	FY2014 Req	House Auth	Senate Auth	Final	House App	Sen App	Final
Exploration: Expl Systems Development/ SLS	pending	1,384.9	1,802.4	1,600.0		1,476.0	1,600.0	
Exploration: Expl Ground Systems	pending	318.2	included in \$1,802.4 (above)	350.0		299.0	318.2	
CECR: Exploration CoF	pending	142.3	not shown	not shown		142.0	142.3	
Total	pending	1,845.4				1,917.0	2,060.5	

CECR = Construction, Environmental Compliance and Remediation. CoF = Construction of Facilities