



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 (H.R. 2687) on July 18. The Senate Commerce, Science and Transportation Committee marked up its bill (S. 1317) on July 30.

NASA is requesting \$105 million for an **Asteroid Redirect Mission** (initially referred to as the Asteroid Return Mission), 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. The House appropriations bill provides no funding, but does not prohibit NASA for spending money on it. The Senate authorization bill and appropriations bills are silent on ARM, neither supporting nor prohibiting it.

With regard to FY2013 funding, 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. NASA submitted an operating plan to Congress in May, but it took until August for the two sides to agree on the final allocation of funding (with just 6 weeks remaining in the fiscal year). NASA has not released the operating plan to the public, but on August 29, 2013, at the request of SpacePolicyOnline.com, NASA did provide the funding figures that appear in the tables in this fact sheet.

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 (ord. rpt.) | Final | House HR 2787 H Rpt. 113-171 | Senate S 1329 S. Rpt 113-78 | Final |
| Science | 4,781.6 | 5,017.8 | 4,626.9 | 5,154.0 | | 4,781.0 | 5,154.2 | |
| <i>Earth Science</i> | 1,659.2 | 1,846.1 | 1,200.0 | 1,800.0 | | 1,659.0 | 1,846.2 | |
| <i>Planetary Science</i> | 1,271.5 | 1,217.5 | 1,500.0 | 1,400.0 | | 1,315.0 | 1,317.6 | |
| <i>Astrophysics</i> | 617.0 | 642.3 | 642.3 | 642.0 | | 622.0 | 678.4 | |
| <i>JWST</i> | 627.6 | 658.2 | 658.2 | 658.0 | | 584.0 | 658.2 | |
| <i>Heliophysics</i> | 606.3 | 653.7 | 626.4 | 654.0 | | 601.0 | 653.8 | |
| Aeronautics | 529.5 | 565.7 | 565.7 | 570.0 | | 566.0 | 558.7 | |
| Space Technology | 614.5 | 742.6 | 500.0 | 635.0 | | 576.0 | 670.1 | |
| Exploration⁴ | 3,705.6 | 3,915.5 | 4,007.4 | 4,275.0 | | 3,612.0 | 4,209.3 | |
| <i>Expl Sys Dev²</i> | 2,883.8 | 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> | (1,414.9) | (1,384.9) | (1,802.4) | (1,600.0) | | (1,476.0) | 1,600.0 | |
| <i>(Orion)</i> | (1,113.8) | (1,026.8) | (1,200.0) | (1,200.0) | | (1,050.0) | 1,200.0 | |
| <i>(Expl Ground Sys)⁵</i> | (355.1) | (318.2) | <i>not shown</i> | (350.0) | | (299.0) | 318.2 | |
| <i>Commercial Spfltt</i> | 525.0 | 821.4 | 700.0 | 800.0 | | 500.0 | 775.0 | |
| <i>Expl R&D</i> | 296.7 | 364.2 | 305.0 | 325.0 | | 287.0 | 316.1 | |
| Space Operations | 3,724.9 | 3,882.9 | 3,817.9 | 3,832.0 | | 3,670.0 | 3,882.9 | |
| <i>Space Shuttle</i> | 38.8 | N/A | N/A | N/A | | N/A | N/A | |
| <i>ISS</i> | 2,775.9 | 3,049.1 | 2,984.1 | 3,000.0 | | 2,860.0 | 3,049.1 | |
| <i>Space & Flt Support</i> | 910.2 | 833.8 | 833.8 | 832.0 | | 810.0 | 833.8 | |
| Education⁴ | 116.3 | 94.2 | 125.0 | 136.0 | | 122.0 | 116.6 | |
| <i>Aersp Res & Career Dev</i> | 54.0 | 33.0 | <i>not shown</i> | <i>not shown</i> | | 33.0 | ⁴ <i>not shown</i> | |
| <i>(Space Grant)</i> | (37.2) | (24.0) | <i>not shown</i> | <i>not shown</i> | | (24.0) | 40.0 | |
| <i>(EPSCoR)</i> | (16.7) | (9.0) | <i>not shown</i> | <i>not shown</i> | | (9.0) | 18.0 | |
| <i>STEM Ed & Acntability</i> | 62.3 | 61.2 | <i>not shown</i> | <i>not shown</i> | | 89.0 | ⁴ <i>not shown</i> | |
| <i>(MUREP)</i> | (27.9) | (30.0) | <i>not shown</i> | <i>not shown</i> | | (30.0) | 30.0 | |
| <i>Stem Ed & Acnt Projects⁴</i> | (25.1) | (31.2) | <i>not shown</i> | <i>not shown</i> | | ⁴ (59.0) | 28.6 | |
| <i>Informal Education⁴</i> | (9.3) | <i>not shown</i> | <i>not shown</i> | <i>not shown</i> | | <i>not shown</i> | <i>not shown</i> | |
| Cross Agency Support | 2,711.0 | 2,850.3 | 2,600.0 | 2,850.0 | | 2,711.0 | 2,793.6 | |
| CECR⁵ | 646.6 | 609.4 | 587.0 | 610.0 | | 525.0 | 586.9 | |
| Inspector General | 35.3 | 37.0 | 35.3 | 38.0 | | 35.3 | 38.0 | |
| Total | 16,865.2 | 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 FY2013 were provided by NASA to SpacePolicyOnline.com at our request on August 29, 2013 based on the congressionally approved FY2013 operating plan. Figures for the FY2014 request are from NASA's budget documents at <http://www.nasa.gov/budget>. Figures for congressional action are from the bills and reports from the relevant congressional committee.

(2) CECR = Construction, Environmental Compliance and Remediation. CoF = Construction of Facilities. N/A = not applicable. "Exploration Systems Development" was labeled "Human Exploration Capabilities" in the FY2013 operating plan figures provided by NASA.

(3) The **Asteroid Redirect Mission** (or Asteroid Retrieval Mission or Asteroid Return 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, but does not prohibit spending on it. The Senate authorization and appropriations bills are silent on it, neither approving nor prohibiting 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. The category "informal education" appears in the figures provided by NASA to SpacePolicyOnline.com for FY2013 spending. It does not appear in any of the other budget documentation.

(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 if 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 | 1,414.9 | 1,384.9 | 1,802.4 | 1,600.0 | | 1,476.0 | 1,600.0 | |
| Exploration: Expl Ground Systems | 355.1 | 318.2 | included in \$1.802.4 (above) | 350.0 | | 299.0 | 318.2 | |
| CECR: Exploration CoF | 252.6 | 142.3 | not shown | not shown | | 142.0 | 142.3 | |
| Total | 2,022.6 | 1,845.4 | | | | 1,917.0 | 2,060.5 | |