

## NASA'S FY2011 BUDGET REQUEST

Table 1 tracks President Obama's FY2011 budget request for NASA as it works its way through Congress. Budget details are available on NASA's website at (<http://www.nasa.gov/budget>.) NASA states that the FY2011 request adds \$6 billion to the NASA budget over the next 5 years. This is a comparison between President Obama's FY2010 budget and its projection for FY2011-2015 compared to the FY2011 budget and its 5-year projection. Table 2 shows the projected NASA funding levels in those two budgets.

**Table 1: NASA's FY2011 Budget Request  
(in \$ millions)**

Account	FY2010 Approp*	FY2011 Request*	House	Senate	Final
<b>Science</b>	<b>4,493</b>	<b>5,006</b>			
<i>Earth Sci</i>	1,420	1,802			
<i>Planetary Sci</i>	1,341	1,486			
<i>Astrophysics</i>	1,104	1,076			
<i>Heliophysics</i>	627	642			
<b>Aeronautics &amp; Space Res &amp; Tech**</b>	<b>*682</b>	<b>*1,152</b>			
<i>Aeronautics Res.</i>	507	580			
<i>Space Tech.</i>	175	572			
<b>Exploration***</b>	<b>***3,780</b>	<b>4,263</b>			
<i>Tech. Demonstration</i>		652			
<i>Robotic Precursor</i>		125			
<i>Heavy Lift &amp; Propulsion     Tech</i>		559			
<i>Commercial Spflt</i>		812			
<i>Human Res Prog</i>		215			
<i>Constellation Closeout</i>		†1,900			
<b>Space Ops</b>	<b>6,181</b>	<b>4,888</b>			
<i>Space Shuttle</i>	3,139	989			
<i>Space Station</i>	2,317	2,780			
<i>Space &amp; Flt Spprt</i>	724	1,118			
<b>Education</b>	<b>184</b>	<b>146</b>			
<b>Cross Agency Support</b>	<b>2,920</b>	<b>3,111</b>			
<b>Constr &amp; Env Compliance &amp; Restor</b>	<b>448</b>	<b>397</b>			
<b>Inspector General</b>	<b>36</b>	<b>37</b>			
<b>Total</b>	<b>18,724</b>	<b>19,000</b>			

\*Source: NASA budget materials at <http://www.nasa.gov/budget>

\*\* For FY2010, this account was only Aeronautics. For FY2011, NASA is proposing to expand the account to include space technology. For most of NASA's history, aeronautics and space technology were combined into a single office; they were separated in FY2004. Most recently, space technology was in the Exploration account and the current Exploration account also

includes substantial sums for technology. What is in each account, and the origin of the \$175 million shown by NASA for “space technology” in FY2010 are not clear. It also is not clear if ARMD itself is being renamed and expanded to include these new responsibilities.

\*\*\* NASA has proposed a dramatic change to its exploration plans, killing the Constellation program and replacing it with a commercial crew initiative and technology development activities. Its FY2011 budget request does not show a breakdown for exploration funding for FY2010, only for the new program it is proposing for FY2011.

† A total of \$2.5 billion is requested for termination costs associated with killing Constellation: \$1.9 billion in FY2011 and \$600 million in FY2012.

Totals may not add due to rounding, and in the case of the FY2010 appropriations, also due to transfers of funds from most of the accounts into the new “construction and environmental compliance” account created by Congress.

**Table 2: Projected NASA Funding in President Obama’s  
FY2010 and FY2011 Budget Requests  
(in \$ millions)**

	FY2011	FY2012	FY2013	FY2014	FY2015
<b>FY2010 Budget</b>	<b>18,631</b>	<b>18,613</b>	<b>18,607</b>	<b>18,858</b>	<b>Not public*</b>
<i>Yr to Yr change</i>	<i>-0.3%</i>	<i>-0.1%</i>	<i>0.0%</i>	<i>1.3%</i>	<i>Not public</i>
<b>FY2011 Budget</b>	<b>19,000</b>	<b>19,450</b>	<b>19,960</b>	<b>20,600</b>	<b>20,990</b>
<i>Yr to Yr change</i>	<i>1.5%</i>	<i>2.4%</i>	<i>2.6%</i>	<i>3.2%</i>	<i>1.9%</i>
<b>Difference</b>	<b>+369</b>	<b>+837</b>	<b>+1,353</b>	<b>+1,742</b>	<b>(presumably* +1,699)</b>

\* The public budget documents provide a budget “run-out” of 5 years, so in the FY2010 budget only the years through FY2014 were provided. The figure of \$1,699 million shown in this table was calculated using simple arithmetic to reach the \$6 billion level by which NASA says its 5-year budget was increased.