

TABLE 34. Federal research and development budget authority for space research and technology (252): FY 2010–12

(Millions of dollars)

Agency	2010 actual	2011 preliminary	2012 proposed	2011–12 (% change)
Total	8,232	8,398	8,258	-1.7
National Aeronautics and Space Administration (NASA) ^a				
Cross-agency Support	90	172	0	-100.0
Innovative Partnerships	90	172	0	-100.0
Exploration	3,478	2,844	2,588	-9.0
Advanced Capabilities	341	286	0	-100.0
Commercial Spaceflight	0	0	0	-
Constellation Systems	3,137	2,559	0	-100.0
Exploration Research and Development	0	0	281	-
Human Exploration Capabilities	0	0	2,306	-
Science	2,979	3,401	3,254	-4.3
Astrophysics	660	753	312	-58.5
Earth Science	910	1,184	1,184	-0.1
Heliophysics	370	420	391	-7.1
James Webb Space Telescope ^b	0	0	516	-
Planetary Science	1,041	1,044	852	-18.4
Space Operations	1,685	1,981	1,554	-21.5
21st Century Launch Complex	0	152	0	-100.0
International Space Station	1,685	1,828	1,554	-15.0
Space Technology	0	0	863	-

^a NASA adjusted their R&D reporting in FY 2011 to more closely match survey data reported to National Science Foundation. All years are adjusted for comparability.

^b NASA separated the funding for James Webb Space Telescope from Astrophysics in FY 2012.

NOTES: Detail may not add to total because of rounding. Percentage change calculated on unrounded data.

SOURCES: Agencies' submissions to Office of Management and Budget per MAX Schedule C, agencies' budget justification documents, and supplemental data obtained from agencies' budget offices.