

TABLE 33. Federal research and development and R&D plant 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	8,407	8,412	0.1
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	2,854	2,588	-9.3
Advanced Capabilities	341	286	0	-100.0
Commercial Spaceflight	0	0	0	-
Constellation Systems	3,137	2,568	0	-100.0
Exploration Research and Development	0	0	281	-
Human Exploration Capabilities	0	0	2,306	-
Science	2,979	3,401	3,255	-4.3
Astrophysics	660	753	312	-58.5
Earth Science	910	1,184	1,184	-0.1
Heliophysics	370	420	392	-6.8
James Webb Space Telescope ^b	0	0	516	-
Planetary Science	1,041	1,044	852	-18.4
Space Operations	1,685	1,981	1,706	-13.9
21st Century Launch Complex	0	152	0	-100.0
International Space Station	1,685	1,828	1,706	-6.7
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.