

TABLE 9. Federal budget authority for Space flight, research, and supporting activities (252) R&D and R&D plant: FYs 2015–17
(Millions of dollars)

Budget function and agency	2015 actual	2016 preliminary	2017 proposed	2015–16 (% change)	2016–17 (% change)
R&D and R&D plant	10,928	12,811	12,227	17.2	-4.6
National Aeronautics and Space Administration ^a					
Safety, security, and mission services ^b	267	272	265	1.7	-2.4
Exploration	3,967	3,600	2,907	-9.3	-19.2
Exploration R&D	309	356	477	15.1	34.3
Exploration systems development	2,854	3,244	2,430	13.7	-25.1
Commercial space flight ^c	804	na	na	-	-
Science	4,691	5,532	5,561	17.9	0.5
Astrophysics	639	724	756	13.2	4.5
Earth science	1,532	1,926	2,032	25.7	5.5
Heliophysics	589	649	699	10.1	7.7
James Webb Space Telescope	579	620	569	7.0	-8.2
Planetary science	1,351	1,613	1,504	19.4	-6.8
Space operations	1,421	2,700	2,630	90.0	-2.6
International Space Station	1,415	1,436	1,431	1.5	-0.4
Space flight and support	6	12	14	113.0	16.4
Space transportation ^c	na	1,251	1,185	-	-5.3
Space technology	530	686	827	29.6	20.4
Construction, environmental compliance, and remediation	52	22	37	-58.4	71.1
R&D	10,875	12,789	12,189	17.6	-4.7
National Aeronautics and Space Administration ^a					
Safety, security, and mission services ^b	267	272	265	1.7	-2.4
Exploration	3,967	3,600	2,907	-9.3	-19.2
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Space transportation ^c	na	1,251	1,185	-	-5.3
Space technology	530	686	827	29.6	20.4
Construction, environmental compliance, and remediation	0	0	0	-	-

na = not applicable.

^a The proposed FY 2017 budget includes mandatory funding components: \$582 million for R&D in the Science, Exploration, and Space Technology National Aeronautics and Space Administration accounts.

^b Cross-agency support was renamed to Safety, security, and mission services beginning in FY 2016.

^c Congress moved Commercial space flight from the Exploration account heading to the Space operations account heading and renamed it Space transportation beginning in FY 2016.

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

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