

TABLE 9. Federal budget authority for Space flight, research, and supporting activities (252) R&D and R&D plant: FYs 2016–18
(Millions of dollars)

Budget function and agency	2016 actual	2017 preliminary ^a	2018 proposed	2016–17 (% change)	2017–18 (% change)
R&D and R&D plant	12,811	12,853	9,830	0.3	-23.5
National Aeronautics and Space Administration ^b					
Safety, security, and mission services	272	271	269	-0.2	-0.9
Exploration ^c	3,600	3,603	964	0.1	-73.3
Exploration R&D	356	NA	350	NA	NA
Exploration systems development	3,244	NA	614	NA	NA
Science	5,532	5,522	5,652	-0.2	2.3
Astrophysics	724	NA	773	NA	NA
Earth science	1,926	NA	1,754	NA	NA
Heliophysics	649	NA	678	NA	NA
James Webb Space Telescope	620	NA	534	NA	NA
Planetary science	1,613	NA	1,914	NA	NA
Space operations	2,700	2,722	2,140	0.8	-21.4
International Space Station	1,436	NA	1,491	NA	NA
Space flight and support	12	NA	11	NA	NA
Space transportation	1,251	NA	638	NA	NA
Space technology	686	683	679	-0.5	-0.6
Construction, environmental compliance, and remediation	22	52	128	138.5	145.2
R&D	12,789	12,801	9,702	0.1	-24.2
National Aeronautics and Space Administration ^b					
Safety, security, and mission services	272	271	269	-0.2	-0.9
Exploration ^c	3,600	3,603	964	0.1	-73.3
Exploration R&D	356	NA	350	NA	NA
Exploration systems development	3,244	NA	614	NA	NA
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International Space Station	1,436	NA	1,491	NA	NA
Space flight and support	12	NA	11	NA	NA
Space transportation	1,251	NA	638	NA	NA
Space technology	686	683	679	-0.5	-0.6
Construction, environmental compliance, and remediation	0	0	0	--	--

NA = not available.

^a Unless otherwise noted, the FY 2017 figures are official estimates reflecting the continuing resolution funding for FY 2017 and not that of the enacted omnibus spending bill for that year (Consolidated Appropriations Act, 2017, signed 5 May 2017). Most federal agencies did not prepare R&D estimates for FY 2017 based on the final spending figures in the omnibus.

^b While not reflected in the figures displayed above, the National Aeronautics and Space Administration received an approximate 2% increase in the FY 2017 omnibus.

^c The application of a new Experimental Development definition is shown starting in FY 2018. FY 2016 and FY 2017 numbers reflect use of the former Development definition.

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.