

TABLE 1. Federal budget authority for R&D and R&D plant, by budget function, ordered by FY 2016 R&D and R&D plant total: FYs 2016–18  
(Millions of dollars)

Budget function	2016 actual	2017 preliminary <sup>a</sup>	2018 proposed	2016–17 (% change)	2017–18 (% change)
R&D and R&D plant	150,392	151,380	117,762	0.7	-22.2
National defense	80,202	80,428	60,719	0.3	-24.5
Health	32,526	32,835	26,643	0.9	-18.9
Space flight, research, and supporting activities	12,811	12,853	9,830	0.3	-23.5
General science and basic research	11,328	11,401	9,803	0.6	-14.0
Energy	3,492	3,472	1,780	-0.6	-48.7
Natural resources and environment	2,471	2,592	2,007	4.9	-22.6
Agriculture	2,350	2,347	1,849	-0.1	-21.2
Transportation	1,361	1,370	1,418	0.6	3.5
Veterans benefits and services	1,222	1,346	1,357	10.1	0.8
Commerce and housing credit	1,033	1,030	925	-0.3	-10.2
Administration of justice	613	728	570	18.7	-21.7
Education, training, employment, and social services	505	512	550	1.4	7.4
International affairs	288	263	110	-8.7	-58.2
Income security	105	117	118	11.4	0.9
Community and regional development	65	65	65	0.0	0.0
Medicare	21	21	18	0.0	-14.3
R&D	147,813	148,734	115,591	0.6	-22.3
National defense	79,828	80,125	60,368	0.4	-24.7
Health	32,365	32,597	26,499	0.7	-18.7
Space flight, research, and supporting activities	12,789	12,801	9,702	0.1	-24.2
General science and basic research	10,042	10,164	8,780	1.2	-13.6
Energy	3,473	3,453	1,757	-0.6	-49.1
Natural resources and environment	2,294	2,335	1,754	1.8	-24.9
Agriculture	2,030	2,026	1,841	-0.2	-9.1
Transportation	1,326	1,334	1,386	0.6	3.9
Veterans benefits and services	1,222	1,346	1,357	10.1	0.8
Commerce and housing credit	887	884	794	-0.3	-10.2
Administration of justice	605	728	570	20.3	-21.7
Education, training, employment, and social services	474	475	472	0.2	-0.6
International affairs	288	263	110	-8.7	-58.2
Income security	105	117	118	11.4	0.9
Community and regional development	65	65	65	0.0	0.0
Medicare	21	21	18	0.0	-14.3
R&D plant	2,579	2,646	2,171	2.6	-18.0
National defense	374	303	351	-19.0	15.7
Health	161	238	144	48.0	-39.5
Space flight, research, and supporting activities	22	52	128	138.5	145.2
General science and basic research	1,286	1,237	1,022	-3.8	-17.3
Energy	19	19	23	0.0	21.1
Natural resources and environment	177	258	253	45.9	-1.8
Agriculture	320	321	8	0.3	-97.4
Transportation	36	36	33	-0.4	-8.7
Veterans benefits and services	0	0	0	--	--
Commerce and housing credit	146	146	131	-0.2	-10.1
Administration of justice	8	0	0	-100.0	--
Education, training, employment, and social services	31	37	78	19.4	110.8
International affairs	0	0	0	--	--

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Income security	0	0	0	--	--
Community and regional development	0	0	0	--	--
Medicare	0	0	0	--	--

<sup>a</sup> Most 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.

NOTES: Detail may not add to total because of rounding. Percentage change calculated on unrounded data. The application of a new Experimental Development definition is shown starting in FY 2018. FY 2016 and 2017 numbers reflect use of the former *development* definition.

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.