

TABLE 1

Federal budget authority for R&D and R&D plant, by budget function, ordered by FY 2018 R&D and R&D plant total: FYs 2018–20

(Millions of dollars and percent change)

Budget function	2018 actual	2019 preliminary ^a	2020 proposed	2018–19 (% change)	2019–20 (% change)
R&D and R&D plant	144,459	147,945	142,377	2.4	-3.8
National defense	68,916	70,587	75,421	2.4	6.8
Health	37,316	39,147	33,648	4.9	-14.0
General science and basic research	12,559	12,832	11,198	2.2	-12.7
Space flight, research, and supporting activities	10,552	10,128	10,686	-4.0	5.5
Energy	4,233	4,458	1,895	5.3	-57.5
Natural resources and environment	2,662	2,598	1,892	-2.4	-27.2
Agriculture	2,346	2,397	2,235	2.2	-6.8
Transportation	1,594	1,638	1,624	2.8	-0.9
Veterans benefits and services	1,286	1,342	1,325	4.4	-1.3
Commerce and housing credit	1,184	1,017	1,116	-14.1	9.7
Administration of justice	690	700	472	1.5	-32.6
Education, training, employment, and social services	614	594	533	-3.3	-10.3
International affairs	238	231	78	-2.9	-66.2
Income security	106	105	106	-0.9	1.0
Community and regional development	144	152	148	5.6	-2.6
Medicare	20	20	0	0.0	-100.0
R&D	140,700	144,074	139,000	2.4	-3.5
National defense	68,325	69,899	74,743	2.3	6.9
Health	37,151	38,894	33,399	4.7	-14.1
General science and basic research	10,692	10,791	9,689	0.9	-10.2
Space flight, research, and supporting activities	10,455	10,011	10,599	-4.2	5.9
Energy	4,212	4,435	1,872	5.3	-57.8
Natural resources and environment	2,383	2,347	1,689	-1.5	-28.1
Agriculture	2,074	2,135	2,064	2.9	-3.3
Transportation	1,551	1,600	1,586	3.1	-0.9
Veterans benefits and services	1,286	1,342	1,325	4.4	-1.3
Commerce and housing credit	840	887	743	5.6	-16.2
Administration of justice	690	700	472	1.5	-32.6
Education, training, employment, and social services	534	525	487	-1.7	-7.2
International affairs	238	231	78	-2.9	-66.2
Income security	106	105	106	-0.9	1.0
Community and regional development	144	152	148	5.6	-2.6
Medicare	20	20	0	0.0	-100.0
R&D plant	3,759	3,871	3,377	3.0	-12.8
National defense	591	688	678	16.5	-1.4
Health	165	253	249	53.5	-1.6
General science and basic research	1,866	2,041	1,509	9.4	-26.1
Space flight, research, and supporting activities	97	117	87	20.4	-25.6
Energy	21	23	23	5.7	2.2
Natural resources and environment	280	250	204	-10.6	-18.6
Agriculture	272	262	171	-3.7	-34.7
Transportation	43	38	38	-11.1	-0.3
Veterans benefits and services	0	0	0	–	–
Commerce and housing credit	344	131	372	-62.0	185.3
Administration of justice	0	0	0	–	–

TABLE 1

Federal budget authority for R&D and R&D plant, by budget function, ordered by FY 2018 R&D and R&D plant total: FYs 2018–20

(Millions of dollars and percent change)

Budget function	2018 actual	2019 preliminary ^a	2020 proposed	2018–19 (% change)	2019–20 (% change)
Education, training, employment, and social services	80	69	46	-13.8	-33.3
International affairs	0	0	0	--	--
Income security	0	0	0	--	--
Community and regional development	0	0	0	--	--
Medicare	0	0	0	--	--

^a The FY 2019 data for some functions include official estimates reflecting continuing resolution funding for FY 2019 and not the enacted omnibus spending bill for that year (Consolidated Appropriations Act, 2019, signed 15 February 2019). Most federal agencies included in this omnibus did not prepare R&D estimates based on the final spending figures for FY 2019.

Note(s)

Detail may not add to total because of rounding. Percent change is calculated on unrounded data. The data for each of the years reflects the application of the narrowed definition of development described by OMB in its Circular A-11 of July 2016.

Source(s)

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.