

TABLE 4

Federal budget authority for basic research, by budget function: FYs 2019–21

(Millions of dollars and percent change)

Budget function	2019 actual	2020 preliminary ^a	2021 proposed	2019–20 (% change)	2020–21 (% change)
All functions conducting R&D	39,352	43,351	40,573	10.2	-6.4
National defense	2,613	2,746	2,495	5.1	-9.2
Health ^b	19,056	20,457	19,128	7.4	-6.5
General science and basic research	10,177	10,647	9,752	4.6	-8.4
Space flight, research, and supporting activities	4,948	6,880	6,110	39.0	-11.2
Energy	49	51	575	4.3	1,032.5
Natural resources and environment	330	335	272	1.8	-19.0
Agriculture	965	1,013	1,050	5.0	3.7
Transportation	0	16	18	--	12.5
Veterans benefits and services	600	559	576	-6.8	3.0
Commerce and housing credit	233	242	208	4.1	-14.0
Administration of justice	52	57	37	9.6	-35.1
Education, training, employment, and social services	329	346	351	5.2	1.4
International affairs	0	0	0	--	--
Community and regional development	2	2	2	0.0	0.0
Income security	0	0	0	--	--
Medicare	0	0	0	--	--

^a Excludes most R&D funded as part of the emergency coronavirus (COVID-19) response legislation in the 2020 calendar year.

^b In March 2020, the White House issued an FY 2021 budget amendment adding \$1.3 billion to the proposed budget for the Centers for Disease Control and Prevention, and \$440 million to the proposed budget for the National Institute of Allergy and Infectious Diseases, part of the National Institutes of Health. R&D contained in these additional proposals is not reflected in the FY 2021 Health function.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data. Budget functions in this table are ordered as the stub entries for R&D and R&D plant in table 1.

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.