

TABLE 3

Federal budget authority for R&D and R&D plant as a percentage of total budget authority, by budget function: FYs 2019–21
(Percent share)

Budget function	2019 actual	2020 preliminary ^a	2021 proposed
All functions conducting R&D	3.4	3.6	3.3
National defense	9.7	10.7	10.1
Health ^b	6.4	6.5	5.8
General science and basic research	88.5	89.0	88.1
Space flight, research, and supporting activities	48.8	61.9	52.0
Energy ^c	65.6	67.9	-106.3
Natural resources and environment	6.1	5.8	5.0
Agriculture	6.5	6.3	8.6
Transportation	1.5	1.7	1.2
Veterans benefits and services	0.7	0.6	0.6
Commerce and housing credit	14.4	4.3	6.3
Administration of justice	0.9	0.8	0.6
Education, training, employment, and social services	0.4	0.3	0.5
International affairs	0.3	0.4	0.1
Community and regional development	0.5	0.5	1.1
Income security	*	*	*
Medicare	*	*	*

* = value less than 0.05%.

^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.

^c Net budget authority in the Energy function would be negative in FY 2021, mainly because of canceled loan subsidies through the Advanced Technology Vehicles Manufacturing Loan Program, the proposed sale of federal energy transmission assets, and other changes.

Note(s):

Total budget authority includes discretionary and mandatory budget authority, less offsets. 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 (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2021*, U.S. Government Printing Office (2020).