

TABLE 3. Federal budget authority for R&D and R&D plant as percentage of total budget authority, by budget function: FYs 2016–18

Budget function	2016 actual	2017 preliminary <sup>a</sup>	2018 proposed
All functions conducting R&D	5.2	5.1	5.3
National defense	12.9	12.3	9.0
Health	6.3	6.1	5.2
General science and basic research	98.9	100.3	88.1
Space flight, research, and supporting activities	60.7	61.0	53.1
Energy	65.5	47.5	-50.0
Natural resources and environment	5.9	6.1	5.9
Agriculture	6.3	11.9	9.2
Transportation	1.5	1.5	1.6
Veterans benefits and services	0.7	0.8	0.7
Administration of justice	1.8	1.5	1.5
Commerce and housing credit <sup>b</sup>	8.8	-4.8	-12.6
Education, training, employment, and social services	0.5	0.3	0.6
International affairs	0.6	0.5	0.3
Medicare	0.0	0.0	0.0
Community and regional development	0.4	0.3	0.5
Income security	0.0	0.0	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.

<sup>b</sup> Total budget authority in the Commerce and housing credit function and the Energy function are negative numbers (i.e., less than zero) in some years, due primarily to large offsetting collections and receipts leading to negative balances in the subfunctions for federal mortgage and credit programs and government-sponsored enterprise (e.g., Fannie Mae or Freddie Mac) purchase programs; repeal of the Advanced Technology Vehicles Manufacturing Loan program; and sales of the Strategic Petroleum Reserve. This makes these functions' R&D and R&D plant as percentages of total budget authority difficult to interpret.

NOTES: Total budget authority includes discretionary and mandatory budget authority, less offsets. Budget functions are ordered as under the table 1 stub entries for "R&D and R&D plant."

SOURCES: 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 2018*, U.S. Government Printing Office (2017).