

TABLE 8. Federal budget authority for General science and basic research (251) R&D and R&D plant: FYs 2016–18
(Millions of dollars)

Budget function and agency	2016 actual	2017 preliminary ^a	2018 proposed	2016–17 (% change)	2017–18 (% change)
R&D and R&D plant	11,328	11,401	9,803	0.6	-14.0
Department of Energy					
Office of Science	5,305	5,295	4,433	-0.2	-16.3
National Science Foundation ^b	6,022	6,106	5,370	1.4	-12.1
Arctic Research Commission	1	NA	1	NA	NA
Biological Sciences	724	NA	672	NA	NA
Computer and Information Science and Engineering	935	NA	839	NA	NA
Education and Human Resources	884	878	761	-0.7	-13.4
Engineering	916	NA	833	NA	NA
Geosciences	1,325	NA	1,192	NA	NA
Integrative Activities	427	NA	316	NA	NA
International Science and Engineering	49	NA	44	NA	NA
Major Research Equipment and Facilities	242	200	183	-17.2	-8.6
Mathematical and Physical Sciences	1,349	NA	1,219	NA	NA
Social, Behavioral and Economic Sciences	272	NA	244	NA	NA
Budget authority adjustment ^c	-1,101	NA	-935	NA	NA
R&D	10,042	10,164	8,780	1.2	-13.6
Department of Energy					
Office of Science	4,452	4,514	3,830	1.4	-15.2
National Science Foundation ^d	5,589	5,650	4,950	1.1	-12.4
Arctic Research Commission	1	NA	1	NA	NA
Biological Sciences	724	NA	672	NA	NA
Computer and Information Science and Engineering	935	NA	839	NA	NA
Education and Human Resources	884	878	761	-0.7	-13.4
Engineering	916	NA	833	NA	NA
Geosciences	1,325	NA	1,192	NA	NA
Integrative Activities	427	NA	316	NA	NA
International Science and Engineering	49	NA	44	NA	NA
Major Research Equipment and Facilities	242	200	183	-17.2	-8.6
Mathematical and Physical Sciences	1,349	NA	1,219	NA	NA
Social, Behavioral and Economic Sciences	272	NA	244	NA	NA
Budget authority adjustment ^e	-1,534	NA	-1,355	NA	NA

NA= not available.

^a Unless otherwise noted, the 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.

^b Total National Science Foundation (NSF) budget shown here includes only R&D and R&D plant; however, subaccount budgets (Arctic Research Commission, Biological Sciences, etc.) include some non-R&D and non-R&D plant funding. FY 2017 R&D and R&D plant figures come from Office of Management and Budget MAX Schedule C reporting; other years come from NSF budget justification.

^c Budget authority adjustment subtracts non-R&D and non-R&D plant spending (such as support and overhead) from subaccount budgets.

^d Total NSF budget shown here includes funding for only R&D; however, subaccount budgets (Arctic Research Commission, Biological Sciences, etc.) include some non-R&D funding. FY 2017 R&D figures come from Office of Management and Budget MAX Schedule C reporting; other years come from NSF budget justification.

^e Budget authority adjustment subtracts non-R&D spending (such as support, overhead, and R&D plant) from subaccount budgets.

NOTES: Detail may not add to total because of rounding. Percentage change calculated on unrounded data.

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.