

TABLE 8. Federal budget authority for General science and basic research (251) R&D and R&D plant: FYs 2015–17
(Millions of dollars)

Budget function and agency	2015 actual	2016 preliminary	2017 proposed	2015–16 (% change)	2016–17 (% change)
R&D and R&D plant	11,088	11,422	12,152	3.0	6.4
Department of Energy					
Office of Science ^a	5,099	5,305	5,623	4.1	6.0
National Science Foundation ^{b,c}	5,990	6,117	6,530	2.1	6.8
Arctic Research Commission	1	1	1	1.4	0.0
Biological Sciences	736	744	791	1.1	6.2
Computer and Information Science and Engineering	933	936	995	0.3	6.3
Education and Human Resources	886	880	953	-0.7	8.3
Engineering	924	916	1,003	-0.8	9.4
Geosciences	1,319	1,319	1,399	0.0	6.1
Integrative Activities	427	447	460	4.6	2.9
International Science and Engineering	48	49	52	1.3	6.0
Major Research Equipment and Facilities	145	200	193	38.4	-3.6
Mathematical and Physical Sciences	1,376	1,349	1,436	-2.0	6.5
Social, Behavioral and Economic Sciences	276	272	289	-1.4	6.1
Budget authority adjustment ^d	-1,083	-997	-1,042	-7.9	4.5
R&D	10,068	10,198	10,898	1.3	6.9
Department of Energy					
Office of Science ^a	4,399	4,505	4,827	2.4	7.2
National Science Foundation ^{c,e}	5,670	5,692	6,071	0.4	6.6
Arctic Research Commission	1	1	1	1.4	0.0
Biological Sciences	736	744	791	1.1	6.2
Computer and Information Science and Engineering	933	936	995	0.3	6.3
Education and Human Resources	886	880	953	-0.7	8.3
Engineering	924	916	1,003	-0.8	9.4
Geosciences	1,319	1,319	1,399	0.0	6.1
Integrative Activities	427	447	460	4.6	2.9
International Science and Engineering	48	49	52	1.3	6.0
Major Research Equipment and Facilities	0	0	0	-	-
Mathematical and Physical Sciences	1,376	1,349	1,436	-2.0	6.5
Social, Behavioral and Economic Sciences	276	272	289	-1.4	6.1
Budget authority adjustment ^f	-1,258	-1,221	-1,308	-2.9	7.1

^a The proposed FY 2017 budget includes a mandatory funding component: \$100 million for Office of Science R&D.

^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.

^c The proposed FY 2017 budget includes mandatory funding components: \$363 million for NSF R&D and \$7 million for NSF R&D plant.

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

^e 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.

^f 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.