

TABLE 8. Federal budget authority for General science and basic research (251) R&D and R&D plant: FY 2011–13
(Millions of dollars)

Budget function and agency	2011 actual	2012 preliminary	2013 proposed	2011–12 (% change)	2012–13 (% change)
R&D and R&D plant	10,581	10,610	10,440	0.3	-1.6
Department of Energy					
Office of Science	4,461	4,463	4,568	0.0	2.4
Department of Homeland Security ^a	626	533	na	-14.9	-
National Science Foundation ^b	5,494	5,614	5,872	2.2	4.6
Arctic Research Commission	2	1	1	-8.2	-4.1
Biological Sciences	712	712	734	0.0	3.0
Computer and Information Science and Engineering	636	654	710	2.8	8.6
Education and Human Resources	861	829	876	-3.7	5.6
Engineering	763	826	876	8.2	6.1
Geosciences	885	885	906	0.0	2.4
Integrative Activities	260	350	432	34.7	23.4
International Science and Engineering	49	50	51	1.7	2.9
Major Research Equipment and Facilities	125	197	196	57.2	-0.5
Mathematical and Physical Sciences	1,312	1,309	1,345	-0.3	2.8
Office of Cyberinfrastructure	301	212	218	-29.6	3.1
Social, Behavioral, and Economic Sciences	247	254	260	2.8	2.1
U.S. Polar Research Programs	441	436	450	-1.1	3.2
Budget authority adjustment ^c	-1,101	-1,101	-1,183	na	na
R&D	9,483	9,372	9,433	-1.2	0.7
Department of Energy					
Office of Science	3,899	3,839	4,010	-1.5	4.5
Department of Homeland Security ^a	486	356	na	-26.7	-
National Science Foundation ^d	5,098	5,177	5,423	1.6	4.8
Arctic Research Commission	2	1	1	-8.2	-4.1
Biological Sciences	712	712	734	0.0	3.0
Computer and Information Science and Engineering	636	654	710	2.8	8.6
Education and Human Resources	861	829	876	-3.7	5.6
Engineering	763	826	876	8.2	6.1
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Social, Behavioral, and Economic Sciences	247	254	260	2.8	2.1
U.S. Polar Research Programs	441	436	450	-1.1	3.2
Budget authority adjustment ^e	-1,372	-1,341	-1,436	na	na

na = not applicable.

^a Office of Management and Budget (OMB) reclassified Department of Homeland Security Science and Technology Directorate as subfunction 751 (Justice) beginning in FY 2013.

^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 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.

^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. Not all federally sponsored basic research is categorized in subfunction 251.

SOURCES: Agencies' submissions to OMB per MAX Schedule C, agencies' budget justification documents, and supplemental data obtained from agencies' budget offices.