

TABLE 8

Federal budget authority for General science and basic research (251) R&D and R&D plant: FYs 2023–25

(Millions of dollars and percent change)

Budget function and agency	2023 actual	2024 preliminary ^a	2025 proposed	2023–24 (% change)	2024–25 (% change)
R&D and R&D plant	15,701	15,419	16,343	-1.8	6.0
Department of Energy	8,090	7,724	8,222	-4.5	6.4
Office of Science	8,090	7,724	8,222	-4.5	6.4
National Science Foundation	7,611	7,695	8,121	1.1	5.5
Arctic Research Commission	0	0	0	-	-
Biological Sciences	794	766	797	-3.5	4.0
CHIPS for America Workforce and Education R&D	16	16	10	0.0	-38.0
Computer and Information Science and Engineering	959	974	986	1.5	1.3
STEM Education ^b	523	519	523	-0.8	0.8
Engineering	731	722	746	-1.2	3.3
Geosciences	1,004	1,001	991	-0.4	-0.9
Integrative Activities	450	451	479	0.2	6.3
International Science and Engineering	43	63	63	44.1	0.8
Major Research Equipment and Facilities and Construction	160	187	300	17.1	60.2
Mathematical and Physical Sciences	1,617	1,556	1,553	-3.7	-0.2
Polar Programs	442	495	545	12.1	10.2
Social, Behavioral and Economic Sciences	225	282	296	25.5	4.8
Technology, Innovation, and Partnerships	648	664	831	2.6	25.1
R&D	13,715	13,325	14,208	-2.8	6.6
Department of Energy	6,585	6,141	6,727	-6.7	9.5
Office of Science	6,585	6,141	6,727	-6.7	9.5
National Science Foundation	7,130	7,184	7,481	0.8	4.1
Arctic Research Commission	0	0	0	-	-
Biological Sciences	722	730	760	1.2	4.0
CHIPS for America Workforce and Education R&D	16	16	10	0.0	-38.0
Computer and Information Science and Engineering	941	928	940	-1.4	1.2
STEM Education ^b	522	518	523	-0.8	0.9
Engineering	729	689	712	-5.5	3.3
Geosciences	987	954	945	-3.3	-0.9
Integrative Activities	301	430	457	42.9	6.3
International Science and Engineering	43	60	60	37.4	0.8
Major Research Equipment and Facilities Construction	0	0	0	-	-
Mathematical and Physical Sciences	1,563	1,484	1,481	-5.0	-0.2
Polar Programs	434	472	520	8.7	10.2
Social, Behavioral and Economic Sciences	224	269	282	20.0	4.7
Technology, Innovation, and Partnerships	648	633	792	-2.2	25.1

^a The preliminary data available from the agencies for FY 2024 at the time of this report reflect the annualized continuing resolution funding levels that existed through early-March 2024 and not those of the finalized appropriations enacted shortly thereafter.

^b Education and Human Resource (EHR) was renamed to STEM Education in the 2023 Presidential Budget Request.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, and supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2025*.