

TABLE 8

Federal budget authority for General science and basic research (251) R&D and R&D plant: FYs 2022–24

(Millions of dollars and percent change)

Budget function and agency	2022 actual	2023 preliminary	2024 proposed	2022–23 (% change)	2023–24 (% change)
R&D and R&D plant	16,390	15,880	17,710	-3.1	11.5
Department of Energy	9,062	7,902	8,404	-12.8	6.4
Office of Science	9,062	7,902	8,404	-12.8	6.4
National Science Foundation	7,328	7,978	9,306	8.9	16.6
Arctic Research Commission	0	0	0	na	na
Biological Sciences	841	785	891	-6.6	13.5
CHIPS for America Workforce & Education R&D	0	18	17	na	-5.6
Computer and Information Science and Engineering	960	963	1,074	0.3	11.6
STEM Education ^a	508	599	718	18.0	19.8
Engineering	771	741	889	-3.9	19.9
Geosciences	1,008	979	1,133	-2.9	15.8
Integrative Activities	388	501	592	29.1	18.2
International Science and Engineering	37	64	65	72.8	2.7
Major Research Equipment and Facilities and Construction	191	187	305	-1.8	62.7
Mathematical and Physical Sciences	1,635	1,545	1,683	-5.5	8.9
Polar Programs	389	501	520	28.9	3.8
Social, Behavioral and Economic Sciences	224	287	331	28.1	15.1
Technology, Innovation, and Partnerships	376	807	1,087	114.7	34.7
R&D	13,246	13,819	15,449	4.3	11.8
Department of Energy	6,448	6,397	6,821	-0.8	6.6
Office of Science	6,448	6,397	6,821	-0.8	6.6
National Science Foundation	6,798	7,422	8,628	9.2	16.2
Arctic Research Commission	0	0	0	na	na
Biological Sciences	772	745	851	-3.5	14.2
CHIPS for America Workforce & Education R&D	0	18	17	na	-5.6
Computer and Information Science and Engineering	944	913	1,026	-3.2	12.3
STEM Education ^a	508	599	718	18.0	19.8
Engineering	770	703	849	-8.6	20.7
Geosciences	991	929	1,082	-6.3	16.5
Integrative Activities	243	476	566	95.6	18.9
International Science and Engineering	37	60	62	63.9	3.4
Major Research Equipment and Facilities Construction	0	0	0	na	na
Mathematical and Physical Sciences	1,573	1,466	1,607	-6.8	9.6
Polar Programs	361	476	497	31.8	4.4
Social, Behavioral and Economic Sciences	224	272	316	21.5	15.9
Technology, Innovation, and Partnerships	376	765	1,038	103.7	35.6

na = not applicable.

^a Education and Human Resource (EHR) was renamed to STEM Education in the 2023 Presidential Budget Request.**Note(s):**

2022 actual amounts include supplemental appropriations from the American Rescue Plan and Extending Government Funding and Delivering Emergency Assistance Act. 2023 preliminary subaccount amounts were estimated using 2023 Current Plan estimates. 2024 preliminary subaccount amounts were estimated based on the FY 2024 Congressional Request. 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 per MAX Schedule C, agencies' budget justification documents, and supplemental data obtained from agencies' budget offices.