

TABLE 11

**Federal budget authority for Natural resources and environment (300) R&D and R&D plant: FYs 2021–23**

(Millions of dollars and percent change)

Budget function and agency	2021 actual	2022 preliminary <sup>a</sup>	2023 proposed	2021–22 (% change)	2022–23 (% change)
R&D and R&D plant	3,637	3,977	4,668	9.3	17.4
Conservation and land management (302)	424	542	599	27.8	10.5
Department of the Interior <sup>b</sup>	166	195	231	17.5	18.5
Department of Agriculture	258	347	368	34.5	6.1
Forest Service	258	347	368	34.5	6.1
Pollution control and abatement (304)	534	533	614	-0.2	15.2
Environmental Protection Agency	524	523	604	-0.2	15.5
Oil spill response research	1	1	1	0.0	0.0
Science and technology	492	492	573	0.0	16.5
Superfund	31	30	30	-3.2	0.0
Department of Homeland Security	10	10	10	0.0	0.0
Coast Guard	10	10	10	0.0	0.0
Recreational resources (303)	28	28	34	0.0	21.4
Department of the Interior <sup>b</sup>	28	28	34	0.0	21.4
National Park Service	28	28	34	0.0	21.4
Water resources (301)	146	138	146	-5.5	5.8
Department of Defense	30	21	21	-30.0	0.0
Army Corps of Engineers	30	21	21	-30.0	0.0
Department of Interior <sup>b</sup>	116	117	125	0.9	6.8
Bureau of Reclamation	116	117	125	0.9	6.8
Other natural resources (306)	2,505	2,736	3,275	9.2	19.7
Department of Commerce	1,813	2,044	2,297	12.7	12.4
National Oceanic and Atmospheric Administration	1,813	2,044	2,297	12.7	12.4
Mission Support / Spectrum	15	33	59	120.0	78.8
National Environmental Satellite, Data, and Information Service	58	84	140	44.8	66.7
National Marine Fisheries Service	152	154	144	1.3	-6.5
National Ocean Service	206	216	257	4.9	19.0
National Weather Service	48	42	72	-12.5	71.4
Office of Oceanic and Atmospheric Research	1,094	1,201	1,355	9.8	12.8
Office of Marine and Aviation Operations	240	314	270	30.8	-14.0
Department of the Interior <sup>b</sup>	692	692	978	0.0	41.3
Geological Survey	692	692	978	0.0	41.3
Core science systems	93	93	157	0.0	68.8
Ecosystems	258	258	373	0.0	44.6
Energy, minerals, and environmental health	78	78	127	0.0	62.8
Natural hazards	128	128	165	0.0	28.9
Water resources	135	135	156	0.0	15.6
R&D	3,395	3,644	4,294	7.3	17.8
Conservation and land management (302)	422	540	597	28.0	10.6
Department of the Interior <sup>b</sup>	164	193	229	17.7	18.7
Department of Agriculture	258	347	368	34.5	6.1
Forest Service	258	347	368	34.5	6.1
Pollution control and abatement (304)	534	533	614	-0.2	15.2
Environmental Protection Agency	524	523	604	-0.2	15.5
Oil spill response research	1	1	1	0.0	0.0
Science and technology	492	492	573	0.0	16.5
Superfund	31	30	30	-3.2	0.0
Department of Homeland Security	10	10	10	0.0	0.0

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Coast Guard	10	10	10	0.0	0.0
Recreational resources (303)	28	28	34	0.0	21.4
Department of the Interior <sup>b</sup>	28	28	34	0.0	21.4
National Park Service	28	28	34	0.0	21.4
Water resources (301)	146	138	146	-5.5	5.8
Department of Defense	30	21	21	-30.0	0.0
Army Corps of Engineers	30	21	21	-30.0	0.0
Department of the Interior <sup>b</sup>	116	117	125	0.9	6.8
Bureau of Reclamation	116	117	125	0.9	6.8
Other natural resources (306)	2,265	2,405	2,903	6.2	20.7
Department of Commerce	1,573	1,713	1,925	8.9	12.4
National Oceanic and Atmospheric Administration	1,573	1,713	1,925	8.9	12.4
Mission Support / Spectrum	0	0	0	-	-
National Environmental Satellite, Data, and Information Service	58	84	140	44.8	66.7
National Marine Fisheries Service	152	154	144	1.3	-6.5
National Ocean Service	206	216	257	4.9	19.0
National Weather Service	47	41	72	-12.8	75.6
Office of Oceanic and Atmospheric Research	1,042	1,145	1,239	9.9	8.2
Office of Marine and Aviation Operations	68	73	73	7.4	0.0
Department of the Interior <sup>b</sup>	692	692	978	0.0	41.3
Geological Survey	692	692	978	0.0	41.3
Core science systems	93	93	157	0.0	68.8
Ecosystems	258	258	373	0.0	44.6
Energy, minerals, and environmental health	78	78	127	0.0	62.8
Natural hazards	128	128	165	0.0	28.9
Water resources	135	135	156	0.0	15.6

<sup>a</sup> The preliminary data available from the agencies for FY 2022 at the time of this report reflect mainly the continuing resolution funding levels that existed through mid-March 2022 and not yet those of the finalized appropriations enacted shortly thereafter.

<sup>b</sup> Includes Bureau of Land Management, Office of Surface Mining Reclamation and Enforcement, Fish and Wildlife Service, Bureau of Ocean Energy Management, Bureau of Safety and Environmental Enforcement, and Office of Wildland Fire.

**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, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2023*.