

TABLE 11

## Federal budget authority for Natural resources and environment (300) R&amp;D and R&amp;D plant: FYs 2018–20

(Millions of dollars and percent change)

Budget function and agency	2018 actual	2019 preliminary <sup>a</sup>	2020 proposed	2018–19 (% change)	2019–20 (% change)
R&D and R&D plant	2,662	2,598	1,892	-2.4	-27.2
Conservation and land management (302)	423	429	352	1.4	-17.9
Department of the Interior <sup>b</sup>	151	160	123	6.0	-23.1
Department of Agriculture	272	269	229	-1.1	-14.9
Forest Service	272	269	229	-1.1	-14.9
Pollution control and abatement (304)	494	500	287	1.2	-42.6
Environmental Protection Agency	492	498	285	1.2	-42.8
Oil spill response research	1	1	1	0.0	-10.0
Science and technology	476	482	266	1.2	-44.7
Superfund	16	16	18	0.0	14.8
Coast Guard (DHS)	2	2	2	0.0	0.0
Recreational resources (303)	26	27	26	3.8	-3.7
National Park Service (DOI)	26	27	26	3.8	-3.7
Water resources (301)	114	111	95	-2.6	-14.4
Army Corps of Engineers (DOD)	24	11	11	-54.2	0.0
Bureau of Reclamation (DOI)	90	100	84	11.1	-16.0
Other natural resources (306)	1,605	1,531	1,133	-4.6	-26.0
National Oceanic and Atmospheric Administration (DOC)	1,005	938	651	-6.6	-30.6
National Environmental Satellite, Data, and Information Service	40	31	28	-22.5	-10.2
National Marine Fisheries Service	68	85	55	25.1	-34.9
National Ocean Service	102	103	54	1.7	-47.5
National Weather Service	42	26	18	-37.4	-29.9
Office of Oceanic and Atmospheric Research	613	531	335	-13.3	-36.9
Office of Marine and Aviation Operations	140	161	160	14.9	-0.6
Geological Survey (DOI) <sup>c</sup>	600	593	481	-1.3	-18.8
Land resources <sup>d</sup>	NA	NA	NA	NA	NA
Core science systems	75	75	73	0.0	-2.7
Ecosystems	217	217	141	0.0	-35.1
Energy, minerals, and environmental health	70	70	75	0.0	8.0
Natural hazards	112	104	106	-7.1	2.5
Water resources	126	126	85	0.0	-32.4
R&D	2,383	2,347	1,689	-1.5	-28.1
Conservation and land management (302)	412	414	341	0.5	-17.6
Department of the Interior <sup>b</sup>	149	154	121	3.4	-21.4
Department of Agriculture	263	260	220	-1.1	-15.4
Forest Service	263	260	220	-1.1	-15.4
Pollution control and abatement (304)	492	500	287	1.7	-42.6
Environmental Protection Agency	490	498	285	1.7	-42.8
Oil spill response research	1	1	1	0.0	-10.0
Science and technology	473	482	266	1.8	-44.7
Superfund	16	16	18	0.0	14.8
Coast Guard (DHS)	2	2	2	0.0	0.0
Recreational resources (303)	26	27	26	3.8	-3.7
National Park Service (DOI) <sup>d</sup>	26	27	26	3.8	-3.7
Water resources (301)	114	111	95	-2.6	-14.4
Army Corps of Engineers (DOD)	24	11	11	-54.2	0.0
Bureau of Reclamation (DOI)	90	100	84	11.1	-16.0
Other natural resources (306)	1,339	1,295	940	-3.2	-27.4

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**Federal budget authority for Natural resources and environment (300) R&D and R&D plant: FYs 2018–20**

(Millions of dollars and percent change)

Budget function and agency	2018 actual	2019 preliminary <sup>a</sup>	2020 proposed	2018–19 (% change)	2019–20 (% change)
National Oceanic and Atmospheric Administration (DOC)	738	703	459	-4.8	-34.8
National Environmental Satellite, Data, and Information Service	40	31	28	-22.5	-10.2
National Marine Fisheries Service	68	60	55	-11.6	-7.9
National Ocean Service	102	103	54	1.7	-47.5
National Weather Service	30	25	18	-14.3	-30.8
Office of Oceanic and Atmospheric Research	499	483	304	-3.2	-37.2
Office of Marine and Aviation Operations	0	0	0	--	--
Geological Survey (DOI) <sup>c</sup>	600	593	481	-1.3	-18.8
Land resources <sup>d</sup>	NA	NA	NA	NA	NA
Core science systems	75	75	73	0.0	-2.7
Ecosystems	217	217	141	0.0	-35.1
Energy, minerals, and environmental health	70	70	75	0.0	8.0
Natural hazards	112	104	106	-7.1	2.5
Water resources	126	126	85	0.0	-32.4

NA = not available.

DHS = Department of Homeland Security; DOC = Department of Commerce; DOD = Department of Defense; DOI = Department of the Interior.

<sup>a</sup> The FY 2019 data for Coast Guard and the National Oceanic and Atmospheric Administration reflect the enacted omnibus spending bill for that year (Consolidated Appropriations Act, 2019, signed 15 February 2019). Figures for the other agencies are official estimates reflecting continuing resolution funding for FY 2019 and not the enacted omnibus. Most federal agencies included in this omnibus did not prepare R&D estimates based on the final spending figures for FY 2019.

<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 Wildland Fire Management.

<sup>c</sup> Although not reflected in the data displayed here, the U.S. Geological Survey budget was increased by 1.1% in the FY 2019 omnibus.

<sup>d</sup> Land Resources is recommended for elimination in the FY 2020 budget request. The R&D and R&D plant spending for all years is presented on a comparable basis.

**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 per MAX Schedule C, agencies' budget justification documents, and supplemental data obtained from agencies' budget offices.