

TABLE 11. Federal budget authority for Natural resources and environment (300) R&D and R&D plant: FYs 2016–18
(Millions of dollars)

Budget function and agency	2016 actual	2017 preliminary ^a	2018 proposed	2016–17 (% change)	2017–18 (% change)
R&D and R&D plant	2,471	2,592	2,007	4.9	-22.6
Conservation and land management (302)	472	426	378	-9.7	-11.3
Department of the Interior ^b	168	162	125	-3.6	-22.8
Department of Agriculture	304	264	253	-13.2	-4.2
Forest Service	304	264	253	-13.2	-4.2
Pollution control and abatement (304)	515	515	278	-0.1	-45.9
Environmental Protection Agency ^c	513	513	276	-0.1	-46.1
Oil spill response research	1	1	0	10.5	-39.7
Science and technology	494	493	264	-0.1	-46.6
Superfund	19	19	12	-0.6	-34.0
Coast Guard (DHS)	2	2	2	0.0	0.0
Recreational resources (303)	27	27	26	0.0	-3.7
National Park Service (DOI)	27	27	26	0.0	-3.7
Water resources (301)	105	129	92	22.9	-28.7
Army Corps of Engineers (DOD)	9	9	11	0.0	22.2
Bureau of Reclamation (DOI)	96	120	81	25.0	-32.5
Other natural resources (306)	1,352	1,496	1,232	10.7	-17.6
National Oceanic and Atmospheric Administration (DOC) ^d	675	808	671	19.8	-16.9
National Environmental Satellite, Data, and Information Service	23	26	29	12.9	12.7
National Marine Fisheries Service	70	71	55	0.8	-21.6
National Ocean Service	67	74	59	11.1	-20.2
National Weather Service	26	23	13	-10.2	-42.6
Office of Oceanic and Atmospheric Research	403	447	350	10.7	-21.6
Office of Marine and Aviation Operations	86	168	164	95.2	-2.2
Geological Survey (DOI) ^e	677	688	561	1.6	-18.4
Administration and enterprise information	0.5	0.5	0.4	0.0	-15.4
Climate and land use change	102	104	73	2.1	-30.2
Core science systems	86	88	72	3.1	-19.0
Ecosystems	160	160	132	-0.3	-17.3
Energy, minerals, and environmental health	95	94	92	-0.2	-3.0
Natural hazards	113	118	98	4.1	-16.8
Water resources	121	123	95	1.6	-23.0
R&D	2,294	2,335	1,754	1.8	-24.9
Conservation and land management (302)	460	415	367	-9.8	-11.6
Department of the Interior ^b	166	160	123	-3.6	-23.1
Department of Agriculture	294	255	244	-13.3	-4.3
Forest Service	294	255	244	-13.3	-4.3
Pollution control and abatement (304)	512	512	278	-0.1	-45.7
Environmental Protection Agency ^c	510	510	276	-0.1	-45.9
Oil spill response research	1	1	0	10.5	-39.7
Science and technology	491	490	263	-0.1	-46.3
Superfund	19	19	12	0.0	-34.0
Coast Guard (DHS)	2	2	2	0.0	0.0
Recreational resources (303)	27	27	26	0.0	-3.7
National Park Service (DOI)	27	27	26	0.0	-3.7
Water resources (301)	107	131	92	22.4	-29.8
Army Corps of Engineers (DOD)	11	11	11	0.0	0.0
Bureau of Reclamation (DOI)	96	120	81	25.0	-32.5
Other natural resources (306)	1,188	1,250	991	5.2	-20.7
National Oceanic and Atmospheric Administration (DOC) ^d	511	563	430	10.0	-23.6
National Environmental Satellite, Data, and Information Service	23	26	29	12.9	12.7
National Marine Fisheries Service	70	71	55	0.8	-21.6
National Ocean Service	67	74	59	11.1	-20.2
National Weather Service	22	21	12	-3.5	-40.8
Office of Oceanic and Atmospheric Research	330	371	274	12.4	-26.2
Office of Marine and Aviation Operations	0	0	0	--	--

TABLE 11. Federal budget authority for Natural resources and environment (300) R&D and R&D plant: FYs 2016–18
(Millions of dollars)

Budget function and agency	2016 actual	2017 preliminary ^a	2018 proposed	2016–17 (% change)	2017–18 (% change)
Geological Survey (DOI) ^e	677	688	561	1.6	-18.4
Administration and enterprise information	0.5	0.5	0.4	0.0	-15.4
Climate and land use change	102	104	73	2.1	-30.2
Core science systems	86	88	72	3.1	-19.0
Ecosystems	160	160	132	-0.3	-17.3
Energy, minerals, and environmental health	95	94	92	-0.2	-3.0
Natural hazards	113	118	98	4.1	-16.8
Water resources	121	123	95	1.6	-23.0

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

^a Unless otherwise noted, the FY 2017 figures are official estimates reflecting the continuing resolution funding for FY 2017 and not that of the enacted omnibus spending bill for that year (Consolidated Appropriations Act, 2017, signed 5 May 2017). Most federal agencies did not prepare R&D estimates for FY 2017 based on the final spending figures in the omnibus.

^b 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.

^c While not reflected in the figures displayed above, the Environmental Protection Agency budget was reduced by approximately 1% in the FY 2017 omnibus.

^d While not reflected in the figures displayed above, the overall National Oceanic and Atmospheric Administration budget was reduced by approximately 2% in the FY 2017 omnibus, though the Office of Oceanic and Atmospheric Research budget was increased by approximately 7%.

^e FY 2017 figures for U.S. Geological Survey are enacted omnibus figures, not continuing resolution estimates.

NOTES: Detail may not add to total because of rounding. Percentage change calculated on unrounded data.

SOURCES: 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.