

TABLE 11

Federal budget authority for Natural resources and environment (300) R&D and R&D plant: FYs 2017–19

(Millions of dollars and percent change)

Budget function and agency	2017 actual	2018 preliminary ^a	2019 proposed ^b	2017–18 (% change)	2018–19 (% change)
R&D and R&D plant	2,533	2,582	1,876	1.9	-27.3
Conservation and land management (302)	431	425	355	-1.4	-16.5
Department of the Interior ^c	149	144	120	-3.4	-16.7
Department of Agriculture	282	281	235	-0.4	-16.4
Forest Service	282	281	235	-0.4	-16.4
Pollution control and abatement (304)	500	497	277	-0.7	-44.3
Environmental Protection Agency	498	495	275	-0.7	-44.5
Oil spill response research	1	1	1	0.0	-20.0
Science and technology	482	479	256	-0.7	-46.4
Superfund	15	15	17	-0.6	13.1
Coast Guard (DHS)	2	2	2	0.0	0.0
Recreational resources (303)	27	26	24	-3.7	-7.7
National Park Service (DOI) ^d	27	26	24	-3.7	-7.7
Water resources (301)	81	113	94	39.5	-16.8
Army Corps of Engineers (DOD)	9	9	11	0.0	22.2
Bureau of Reclamation (DOI)	72	104	83	44.4	-20.2
Other natural resources (306)	1,494	1,521	1,126	1.8	-25.9
National Oceanic and Atmospheric Administration (DOC) ^e	806	838	624	3.9	-25.6
National Environmental Satellite, Data, and Information Service	30	31	29	3.0	-4.4
National Marine Fisheries Service	70	81	55	15.7	-32.6
National Ocean Service	82	94	75	14.7	-20.3
National Weather Service	23	22	13	-5.4	-39.4
Office of Oceanic and Atmospheric Research	501	481	322	-4.0	-33.1
Office of Marine and Aviation Operations	100	129	129	28.7	0.4
Geological Survey (DOI) ^f	688	683	503	-0.7	-26.4
Administration and enterprise information	0.5	0.5	0.4	-0.8	-16.0
Land resources ^g	104	103	63	-0.8	-38.6
Core science systems	88	88	71	-0.7	-18.7
Ecosystems	160	159	96	-0.7	-39.4
Energy, minerals, and environmental health	94	94	84	-0.7	-10.2
Natural hazards	118	117	98	-0.7	-16.8
Water resources	123	122	90	-0.7	-26.4
R&D	2,378	2,389	1,691	0.4	-29.2
Conservation and land management (302)	420	416	344	-1.0	-17.3
Department of the Interior ^c	147	144	118	-2.0	-18.1
Department of Agriculture	273	272	226	-0.4	-16.9
Forest Service	273	272	226	-0.4	-16.9
Pollution control and abatement (304)	498	495	276	-0.7	-44.2
Environmental Protection Agency	496	493	274	-0.7	-44.3
Oil spill response research	1	1	1	0.0	-20.0
Science and technology	480	476	256	-0.7	-46.3
Superfund	15	15	17	-0.6	13.7
Coast Guard (DHS)	2	2	2	0.0	0.0
Recreational resources (303)	27	26	24	-3.7	-7.7
National Park Service (DOI) ^d	27	26	24	-3.7	-7.7
Water resources (301)	83	115	94	38.6	-18.3
Army Corps of Engineers (DOD)	11	11	11	0.0	0.0
Bureau of Reclamation (DOI)	72	104	83	44.4	-20.2
Other natural resources (306)	1,350	1,337	953	-1.0	-28.7

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Budget function and agency	2017 actual	2018 preliminary ^a	2019 proposed ^b	2017–18 (% change)	2018–19 (% change)
National Oceanic and Atmospheric Administration (DOC) ^e	663	654	450	-1.3	-31.2
National Environmental Satellite, Data, and Information Service	30	31	29	3.0	-4.4
National Marine Fisheries Service	70	81	55	15.7	-32.6
National Ocean Service	82	94	75	15.1	-20.3
National Weather Service	21	21	12	-0.2	-40.8
Office of Oceanic and Atmospheric Research	459	427	278	-7.1	-34.7
Office of Marine and Aviation Operations	0	0	0	–	–
Geological Survey (DOI) ^f	688	683	503	-0.7	-26.4
Administration and enterprise information	0.5	0.5	0.4	-0.8	-16.0
Land resources ^g	104	103	63	-0.8	-38.6
Core science systems	88	88	71	-0.7	-18.7
Ecosystems	160	159	96	-0.7	-39.4
Energy, minerals, and environmental health	94	94	84	-0.7	-10.2
Natural hazards	118	117	98	-0.7	-16.8
Water resources	123	122	90	-0.7	-26.4

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

^a The FY 2018 data are official estimates reflecting continuing resolution funding for FY 2018 and not the enacted omnibus spending bill for that year (Consolidated Appropriations Act, 2018, signed 23 March 2018). Most federal agencies did not prepare R&D estimates for FY 2018 based on the final spending figures in the omnibus.

^b Along with the regular budget request, the Administration issued an addendum adding \$75 billion to the total of nondefense spending in FY 2019, distributed among several agencies (but not all for increased R&D spending). The additional sums for R&D are reflected in the data above.

^c 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.

^d The National Park Service received an additional \$271 million in discretionary spending in the Administration's addendum to the FY 2019 request. The FY 2019 data above do reflect this additional funding.

^e While not reflected in the data displayed above, the overall National Oceanic and Atmospheric Administration budget was increased by approximately 4% in the FY 2018 omnibus; the Office of Oceanic and Atmospheric Research budget was increased by approximately 7%.

^f While not reflected in the data displayed above, the U.S. Geological Survey budget was increased by approximately 6% in the FY 2018 omnibus.

^g Renamed from "Climate and Land Use Change."

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.