

Table 83. Federal obligations for development, by agency: FYs 2016–25

(Dollars in millions)

Agency	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025 (preliminary)
All agencies	48,728	49,103	54,837	61,306	82,098	103,724	96,634	84,820	94,687	98,815
Departments										
Department of Agriculture	202	202	222	230	255	237	275	304	295	284
Agricultural Marketing Service	3	4	4	4	3	7	0	7	15	9
Agricultural Research Service	114	117	120	129	142	151	165	174	179	179
Animal and Plant Health Inspection Service	21	21	21	21	21	21	21	22	43	43
Forest Service	60	57	74	72	85	53	84	96	54	49
National Agricultural Statistics Service	4	4	4	4	4	4	5	5	4	4
Natural Resources Conservation Service	NA	NA	NA	NA	NA	1	*	0	*	0
Department of Commerce	198	310	210	253	261	307	321	469	731	7,959
Census Bureau	110	164	54	66	73	53	51	133	165	165
National Institute of Standards and Technology	5	25	10	9	17	101	82	90	341	7,184
National Oceanic and Atmospheric Administration	84	121	146	177	170	153	188	241	203	199
National Telecommunications and Information Administration	0	0	0	0	0	0	0	5	22	410
Department of Defense	37,597	37,695	45,321	50,511	57,780	60,971	62,186	74,312	84,669	82,114
Defense Advanced Research Projects Agency	1,397	1,385	1,338	1,578	1,658	1,761	1,811	1,872	2,367	2,303
Defense Health Agency	NA	NA	NA	NA	2,706	2,719	1,991	2,428	2,615	1,999
Department of the Air Force	5,559	6,386	9,298	12,970	13,820	15,247	15,748	20,449	25,179	26,795
Air Force	5,559	6,386	9,298	12,970	9,434	10,003	10,973	12,234	15,752	16,175
Space Force	na	na	na	na	4,386	5,243	4,776	8,216	9,427	10,620
Department of the Army	4,850	5,847	6,892	8,319	8,880	10,007	10,256	12,304	13,458	12,866
Department of the Navy	15,084	13,696	13,897	13,751	17,416	15,080	15,749	19,356	21,943	20,513
Other defense agencies	10,706	10,380	13,895	13,894	13,299	16,159	16,631	17,902	19,108	17,639
Department of Education	81	88	76	47	51	101	102	89	105	105
Department of Energy	2,743	2,724	2,324	3,007	2,928	2,676	2,589	3,571	3,058	2,668
Advanced Research Projects Agency—Energy	127	123	80	202	219	157	201	235	248	115
Bonneville Power Administration	9	5	NA	NA	NA	NA	NA	NA	NA	NA
Electricity Delivery and Energy Reliability	43	53	52	51	61	67	53	77	81	93
Energy Efficiency and Renewable Energy	711	588	401	425	848	719	931	1,701	977	977
Environmental Management	20	21	25	18	15	20	24	25	22	26
Fossil Energy	377	375	0	0	0	0	0	0	0	0
National Nuclear Security Administration	1,358	1,357	1,413	2,070	1,590	1,605	1,217	1,290	1,518	1,271
Defense Programs	97	85	150	226	143	375	501	473	597	372
Naval Nuclear Propulsion Program	1,216	1,220	1,206	1,789	1,387	1,140	616	700	807	780
Office of Defense Nuclear Nonproliferation	46	52	56	56	59	90	100	117	114	119
Nuclear Energy	97	203	353	228	181	108	147	200	211	186
Office of Cybersecurity, Energy Security, and Emergency Response	na	na	0	12	14	0	15	43	0	0
Department of Health and Human Services	87	97	110	837	15,772	33,933	25,825	47	56	52

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Agency	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025 (preliminary)
Administration for Community Living	17	17	17	17	20	0	0	0	0	0
Agency for Healthcare Research and Quality	28	24	28	30	30	30	36	36	36	36
Biomedical Advanced Research and Development Authority	NA	NA	NA	736	15,666	33,881	25,769	0	0	0
Centers for Disease Control and Prevention	28	39	65	54	56	14	15	11	20	16
Health Resources and Services Administration	15	17	0	0	0	8	6	0	0	0
Department of Homeland Security	365	581	542	368	282	291	259	392	299	127
Coast Guard	16	15	15	14	3	7	5	0	*	1
Countering Weapons of Mass Destruction Office	25	35	16	50	14	11	31	28	15	7
Cybersecurity and Infrastructure Security Agency	na	na	0	0	1	3	2	5	0	0
Science and Technology Directorate	323	531	490	281	229	240	204	323	267	106
Secret Service	NA	NA	1	2	13	1	1	4	4	3
Transportation Security Administration	NA	NA	20	21	23	28	16	32	13	11
Department of Housing and Urban Development	24	23	22	0	NA	NA	NA	NA	NA	NA
Department of the Interior	131	141	116	137	139	148	155	41	37	42
Bureau of Land Management	1	1	7	7	7	1	1	*	*	2
Bureau of Ocean Energy Management	12	12	13	20	14	14	19	0	NA	NA
Bureau of Reclamation	2	5	5	7	8	20	10	4	4	5
Bureau of Safety and Environmental Enforcement	4	3	*	2	3	*	3	3	*	2
Geological Survey	111	119	91	101	107	112	120	34	32	32
National Park Service	1	1	0	0	0	1	1	0	NA	0
Department of Justice	51	40	15	16	12	13	12	24	29	33
Bureau of Prisons	8	8	4	5	6	6	3	11	7	6
Federal Bureau of Investigation	13	2	0	0	0	0	0	0	16	21
Office of Justice Programs	30	30	11	10	6	6	8	13	5	6
Department of Labor	4	0	0	NA	NA	NA	NA	NA	NA	NA
Pension Benefit Guaranty Corporation	4	0	0	NA	NA	NA	NA	NA	NA	NA
Department of State	0	0	0	0	10	20	20	17	11	0
Department of Transportation	312	253	295	267	284	285	265	268	310	348
Federal Aviation Administration	196	186	181	194	185	240	217	208	191	197
Federal Highway Administration	85	46	71	37	40	37	41	42	42	40
Federal Motor Carrier Safety Administration	1	1	1	0	0	*	3	6	5	3
Federal Railroad Administration	11	10	14	7	12	7	4	4	6	7
Federal Transit Administration	0	0	0	0	0	1	1	2	13	2
Office of the Secretary of Transportation	14	8	13	12	22	0	0	0	53	100
Pipeline and Hazardous Materials Safety Administration	5	2	16	17	25	0	0	6	0	0
Department of the Treasury	3	7	0	11	11	8	10	53	35	64
Bureau of Engraving and Printing	3	7	0	11	11	7	10	52	35	64
Mint	0	0	0	0	0	*	0	1	0	0

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Agency	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025 (preliminary)
Department of Veterans Affairs	18	13	29	30	29	137	91	36	36	36
Other agencies										
Agency for International Development	44	0	46	49	59	30	68	52	52	0
Environmental Protection Agency	78	76	74	81	77	117	119	128	120	120
Federal Communications Commission	0	1	1	0	0	0	NA	NA	NA	NA
Library of Congress	1	1	2	1	2	2	3	3	na	na
National Aeronautics and Space Administration	6,791	6,849	5,424	5,459	4,144	4,436	4,318	4,922	4,743	4,798
Nuclear Regulatory Commission	0	0	0	0	1	3	0	0	0	0
Tennessee Valley Authority	NA	3	7	4	2	8	17	93	99	64

* = amount greater than \$0 but less than \$500,000. na = not applicable; data were not collected at this level of detail for this agency or subagency. NA = not available; agency did not provide data.

Note(s):

Because of rounding, detail may not add to total. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. Beginning with FY 2016, the totals reported for development obligations represent a refinement to this category by more narrowly defining it to be "experimental development." Most notably, totals for development do not include the Department of Defense (DOD) Budget Activity 7 (Operational System Development) nor Budget Activity 8 (Software and Digital Technology Pilot Programs) obligations. Those funds, previously included in DOD's development obligation totals, support the development efforts to upgrade systems that have been fielded or have received approval for full-rate production and anticipate production funding in the current or subsequent fiscal year. Therefore, the data are not directly comparable with totals reported in previous years. FYs 2020, 2021, and 2022 obligations include additional funding provided by supplemental COVID-19 pandemic-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act). For additional notes associated with the agencies listed in this table, see technical table A-2 at <https://ncses.nsf.gov/surveys/federal-funds-research-development/2024-2025#technical-tables>.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development.