

TABLE 83

Federal obligations for development, by agency: FYs 2013–22

(Dollars in millions)

Agency	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 (preliminary)
All agencies	66,188	67,370	64,928	48,728	49,103	54,837	61,306	82,098	103,907	100,595
Departments										
Department of Agriculture	151	198	213	202	202	222	230	255	237	249
Agricultural Marketing Service	2	3	3	3	4	4	4	3	7	7
Agricultural Research Service	101	112	113	114	117	120	129	142	151	160
Animal and Plant Health Inspection Service	19	21	21	21	21	21	21	21	21	21
Forest Service	28	59	72	60	57	74	72	85	53	55
National Agricultural Statistics Service	0	4	4	4	4	4	4	4	4	5
Natural Resources Conservation Service	NA	NA	NA	NA	NA	NA	NA	NA	1	0
Department of Commerce	69	98	177	198	310	210	253	261	307	283
Census Bureau	16	32	101	110	164	54	66	73	53	39
National Institute of Standards and Technology	9	3	3	5	25	10	9	17	101	74
National Oceanic and Atmospheric Administration	44	63	74	84	121	146	177	170	153	170
Department of Defense	57,602	58,276	54,822	37,597	37,695	45,321	50,511	57,780	60,971	65,096
Defense Advanced Research Projects Agency	1,104	1,286	1,331	1,397	1,385	1,338	1,578	1,658	1,761	1,812
Defense Health Agency	na	NA	NA	NA	NA	NA	NA	2,706	2,719	2,363
Department of the Air Force	22,022	22,637	20,711	5,559	6,386	9,298	12,970	9,434	10,003	10,823
Department of the Army	6,626	5,914	5,374	4,850	5,847	6,892	8,319	8,880	10,007	10,845
Department of the Navy	14,124	14,084	14,025	15,084	13,696	13,897	13,751	17,416	15,080	16,587
Space Force	na	na	na	na	na	na	na	4,386	5,243	4,517
Other defense agencies	13,727	14,355	13,382	10,706	10,380	13,895	13,894	13,299	16,159	18,149
Department of Education	108	114	92	81	88	76	47	51	101	113
Department of Energy	2,508	2,434	2,749	2,743	2,724	2,324	3,007	2,928	2,676	3,441
Advanced Research Projects Agency–Energy	90	111	103	127	123	80	202	219	157	225
Bonneville Power Administration	2	9	9	9	5	NA	NA	NA	NA	NA
Electricity Delivery and Energy Reliability	29	38	34	43	53	52	51	61	67	59
Energy Efficiency and Renewable Energy	388	326	607	711	588	401	425	848	719	1,384
Environmental Management	6	11	17	20	21	25	18	15	20	23
Fossil Energy	188	264	325	377	375	0	0	0	0	0
National Nuclear Security Administration	1,776	1,647	1,566	1,358	1,357	1,413	2,070	1,590	1,605	1,580
Defense Programs	745	507	449	97	85	150	226	143	375	235
Naval Nuclear Propulsion Program	994	1,094	1,083	1,216	1,220	1,206	1,789	1,387	1,140	1,246
Office of Defense Nuclear Nonproliferation	37	46	34	46	52	56	56	59	90	99
Nuclear Energy	27	28	89	97	203	353	228	181	108	149
Office of Cybersecurity, Energy Security, and Emergency Response	na	na	na	na	na	0	12	14	0	21
Department of Health and Human Services	68	69	75	87	97	110	837	15,772	33,933	26,482
Administration for Community Living	0	0	4	17	17	17	17	20	0	0
Agency for Healthcare Research and Quality	29	29	29	28	24	28	30	30	30	36
Biomedical Advanced Research and Development Authority	NA	NA	NA	NA	NA	NA	736	15,666	33,881	26,433
Centers for Disease Control and Prevention	29	30	29	28	39	65	54	56	14	13
Health Resources and Services Administration	10	10	14	15	17	0	0	0	8	0

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Agency	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 (preliminary)
Department of Homeland Security	250	327	525	365	581	542	368	282	291	285
Coast Guard	15	18	13	16	15	15	14	3	7	5
Countering Weapons of Mass Destruction Office	NA	5	34	25	35	16	50	14	11	8
Cybersecurity and Infrastructure Security Agency	na	na	na	na	na	0	0	1	3	8
Science and Technology Directorate	235	304	478	323	531	490	281	229	240	229
Secret Service	NA	NA	NA	NA	NA	1	2	13	1	2
Transportation Security Administration	NA	NA	NA	NA	NA	20	21	23	28	33
Department of Housing and Urban Development	23	18	20	24	23	22	0	NA	NA	NA
Department of the Interior	106	108	120	131	141	116	137	139	148	174
Bureau of Land Management	NA	NA	1	1	1	7	7	7	1	1
Bureau of Ocean Energy Management	0	0	6	12	12	13	20	14	14	16
Bureau of Reclamation	3	3	2	2	5	5	7	8	20	20
Bureau of Safety and Environmental Enforcement	1	*	3	4	3	*	2	3	*	*
Geological Survey	102	104	106	111	119	91	101	107	112	135
National Park Service	1	1	1	1	1	0	0	0	1	1
Department of Justice	41	18	21	51	40	15	16	12	6	6
Bureau of Prisons	9	9	8	8	8	4	5	6	*	*
Federal Bureau of Investigation	32	10	13	13	2	0	0	0	0	0
Office of Justice Programs	0	*	0	30	30	11	10	6	6	6
Department of Labor	2	3	4	4	0	0	NA	NA	NA	NA
Pension Benefit Guaranty Corp.	2	3	4	4	0	0	NA	NA	NA	NA
Department of State	0	NA	0	0	0	0	0	10	20	20
Department of Transportation	200	175	193	312	253	295	267	284	285	284
Federal Aviation Administration	95	83	106	196	186	181	194	185	240	245
Federal Highway Administration	70	59	40	85	46	71	37	40	37	30
Federal Motor Carrier Safety Administration	1	*	0	1	1	1	0	0	*	1
Federal Railroad Administration	11	10	11	11	10	14	7	12	7	9
Federal Transit Administration	3	0	9	0	0	0	0	0	1	0
Office of the Secretary of Transportation	11	11	10	14	8	13	12	22	0	0
Pipeline and Hazardous Materials Safety Administration	9	12	17	5	2	16	17	25	0	0
Research and Innovative Technology Administration	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Department of the Treasury	1	1	1	3	7	0	11	11	8	15
Bureau of Engraving and Printing	1	1	1	3	7	0	11	11	7	14
Mint	0	0	0	0	0	0	0	0	*	1
Department of Veterans Affairs	35	35	18	18	13	29	30	29	137	158
Other agencies										
Agency for International Development	0	0	0	44	0	46	49	59	30	30
Environmental Protection Agency	77	77	75	78	76	74	81	77	117	119
Federal Communications Commission	0	0	0	0	1	1	0	0	0	0
Library of Congress	1	1	1	1	1	2	1	2	2	2
National Aeronautics and Space Administration	4,946	5,418	5,821	6,791	6,849	5,424	5,459	4,144	4,625	3,805
Nuclear Regulatory Commission	0	0	0	0	0	0	0	1	3	4
Tennessee Valley Authority	NA	NA	NA	NA	3	7	4	2	8	28

* = amount greater than \$0 but less than \$500,000. na = not applicable; agency or subagency did not exist as such or in that organization in that year. NA = not available; data were not collected at that level for that fiscal year.

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 Systems Development) 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). See technical table A-2 for additional notes associated with the agencies listed in this table.

Source(s):

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