

**Table 81. Federal obligations for applied research, by agency: FYs 2016–25**

(Dollars in millions)

Agency	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025 (preliminary)
All agencies	34,812	36,600	38,392	41,101	43,758	43,649	48,418	54,274	52,062	49,879
Departments										
Department of Agriculture	1,221	1,251	1,270	1,350	1,225	1,362	1,443	1,627	1,643	1,510
Agricultural Marketing Service	3	4	4	4	3	7	10	7	15	9
Agricultural Research Service	458	468	480	517	569	604	660	698	715	716
Animal and Plant Health Inspection Service	0	0	0	0	0	0	0	0	22	20
Economic Research Service	85	86	86	86	82	85	88	93	91	91
Foreign Agricultural Service	*	*	0	0	0	0	0	NA	NA	NA
Forest Service	191	182	169	170	172	154	161	166	157	143
Grain Inspection, Packers, and Stockyards Administration	6	*	na	na	na	na	na	na	na	na
National Agricultural Statistics Service	5	5	5	5	5	5	6	6	5	5
National Institute of Food and Agriculture	469	502	521	564	390	505	518	647	549	504
Natural Resources Conservation Service	NA	NA	NA	NA	NA	1	1	10	91	23
Rural Business-Cooperative Service	4	3	4	4	3	0	0	NA	NA	NA
Department of Commerce	906	1,056	1,001	1,029	1,110	1,228	1,417	1,577	1,579	1,591
Census Bureau	90	56	56	29	38	56	150	151	195	195
National Institute of Standards and Technology	377	445	449	450	466	507	507	506	617	519
National Oceanic and Atmospheric Administration	428	547	488	542	598	659	748	909	763	873
National Telecommunications and Information Administration	11	8	9	8	8	7	11	11	4	5
Department of Defense	4,913	5,068	5,263	5,758	6,416	6,901	7,016	7,755	8,494	8,226
Defense Advanced Research Projects Agency	1,158	1,118	1,222	1,265	1,524	1,336	1,358	1,444	1,457	1,703
Defense Health Agency	NA	NA	NA	NA	153	115	135	261	551	471
Department of the Air Force	1,240	1,244	1,341	1,547	1,729	1,684	2,060	2,226	2,357	2,444
Air Force	1,240	1,244	1,341	1,547	1,729	1,684	1,956	2,226	2,357	2,444
Space Force	na	na	na	na	0	0	104	0	0	0
Department of the Army	1,060	1,233	1,217	1,462	1,383	1,372	1,290	1,563	1,525	1,109
Department of the Navy	924	971	953	935	1,057	1,023	1,077	1,228	1,362	1,308
Other defense agencies	531	502	530	549	571	1,371	1,096	1,033	1,242	1,191
Department of Education	140	141	135	131	136	233	267	251	323	323
Department of Energy	4,880	5,084	5,507	6,295	5,024	5,277	5,001	6,104	7,154	6,549
Advanced Research Projects Agency—Energy	172	151	80	202	219	157	201	235	248	345
Bonneville Power Administration	3	4	NA	NA	NA	NA	NA	NA	NA	NA
Electricity Delivery and Energy Reliability	67	74	82	72	65	50	53	55	68	73
Energy Efficiency and Renewable Energy	576	853	1,285	1,270	1,248	1,395	679	1,232	1,497	1,497
Environmental Management	10	10	13	9	7	10	12	12	11	13
Fossil Energy	225	224	629	626	645	689	559	1,012	1,484	1,160
National Nuclear Security Administration	3,127	2,997	2,556	3,568	2,279	2,485	2,672	2,664	2,837	2,819
Defense Programs	3,010	2,881	2,422	3,434	2,155	2,328	2,337	2,359	2,531	2,535

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Agency	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025 (preliminary)
Naval Nuclear Propulsion Program	0	0	0	0	0	0	191	141	151	125
Office of Defense Nuclear Nonproliferation	117	116	135	134	124	157	144	164	156	158
Nuclear Energy	631	688	763	378	392	346	657	636	730	505
Office of Cybersecurity, Energy Security, and Emergency Response	na	na	0	39	36	0	16	79	104	138
Office of Science	70	83	101	130	131	144	151	178	175	0
Department of Health and Human Services	16,483	16,977	18,561	19,255	22,425	21,210	25,861	29,744	25,942	25,208
Administration for Children and Families	3	2	3	2	2	5	5	7	11	11
Administration for Community Living	66	66	66	66	71	107	107	113	113	112
Advanced Research Projects Agency for Health	NA	NA	NA	NA	NA	NA	NA	794	1,039	1,097
Agency for Healthcare Research and Quality	306	300	306	308	308	308	314	337	337	337
Agency for Toxic Substances and Disease Registry	2	3	2	7	10	11	12	19	3	3
Biomedical Advanced Research and Development Authority	NA	NA	NA	0	0	0	2,644	5,913	1,489	819
Centers for Disease Control and Prevention	409	364	322	289	371	592	461	357	279	291
Centers for Medicare and Medicaid Services	30	29	231	133	224	0	0	0	0	0
Food and Drug Administration	486	375	478	493	464	589	561	710	733	667
Health Resources and Services Administration	24	27	34	30	32	30	32	47	52	46
National Institutes of Health	15,140	15,794	17,103	17,909	20,927	19,551	21,689	21,413	21,852	21,787
Office of the Secretary of Health and Human Services	18	17	17	17	16	17	36	34	35	37
Office of the Assistant Secretary for Planning and Evaluation	18	17	17	17	16	17	36	34	35	37
Department of Homeland Security	194	264	309	233	178	187	261	180	165	181
Coast Guard	7	6	6	6	1	3	2	5	7	9
Countering Weapons of Mass Destruction Office	25	23	9	26	18	15	26	26	25	5
Cybersecurity and Infrastructure Security Agency	na	na	7	13	7	9	3	3	0	1
Science and Technology Directorate	163	235	286	188	152	159	227	145	132	165
Secret Service	NA	NA	0	0	0	0	0	0	0	1
Transportation Security Administration	NA	NA	0	0	0	1	2	0	0	0
Department of Housing and Urban Development	43	41	40	22	NA	NA	NA	NA	NA	NA
Department of the Interior	672	668	570	608	614	668	691	430	413	361
Bureau of Indian Affairs	NA	NA	5	5	*	5	5	5	5	5
Bureau of Land Management	17	17	13	13	14	9	9	11	15	11
Bureau of Ocean Energy Management	60	63	66	65	59	63	66	0	NA	NA
Bureau of Reclamation	19	23	17	17	19	18	18	28	26	27
Bureau of Safety and Environmental Enforcement	24	8	4	7	4	19	5	6	7	3
Fish and Wildlife Service	32	33	33	33	33	33	35	41	48	6
Geological Survey	512	515	424	459	476	495	527	334	305	304
National Park Service	8	9	9	9	9	27	27	5	6	6
Office of Surface Mining Reclamation and Enforcement	NA	NA	0	*	1	0	NA	NA	NA	NA
Department of Justice	144	85	75	84	84	72	88	86	109	107

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Agency	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025 (preliminary)
Bureau of Prisons	3	2	1	1	2	1	2	2	2	2
Federal Bureau of Investigation	0	0	3	1	5	4	9	6	0	0
Office of Justice Programs	141	83	71	82	77	67	77	78	107	105
Department of Labor	6	5	5	4	5	3	4	2	2	2
Employee Benefits Security Administration	5	3	3	3	3	1	2	2	2	2
Occupational Safety and Health Administration	1	2	2	2	2	2	2	NA	NA	NA
Pension Benefit Guaranty Corporation	*	0	0	NA	NA	NA	NA	NA	NA	NA
Department of State	2	2	62	62	30	40	38	33	22	0
Department of Transportation	625	696	751	746	900	839	806	868	755	711
Federal Aviation Administration	207	212	195	193	247	267	261	231	205	211
Federal Highway Administration	247	305	420	415	472	373	342	392	395	390
Federal Motor Carrier Safety Administration	10	11	9	8	9	11	21	9	11	8
Federal Railroad Administration	31	34	33	32	35	35	32	46	29	15
Federal Transit Administration	35	55	10	3	40	42	12	6	38	5
National Highway Traffic Safety Administration	87	69	76	76	69	66	92	93	63	65
Office of the Secretary of Transportation	4	3	3	8	12	30	24	57	0	0
Pipeline and Hazardous Materials Safety Administration	5	5	6	11	17	15	22	32	14	15
Department of the Treasury	81	1	27	36	44	41	37	0	*	*
Bureau of Engraving and Printing	14	0	27	36	44	41	37	0	0	0
Internal Revenue Service	65	0	0	0	0	NA	NA	NA	NA	NA
Mint	2	1	0	*	*	*	0	0	*	*
Department of Veterans Affairs	458	395	792	849	918	936	941	1,038	1,038	1,044
Other agencies										
Administrative Office of the U.S. Courts	7	8	7	6	5	4	1	NA	NA	NA
Agency for Global Media	NA	NA	NA	6	5	5	8	9	9	0
Agency for International Development	148	191	120	172	135	51	153	197	197	0
Appalachian Regional Commission	1	*	1	1	1	1	1	2	1	*
Consumer Product Safety Commission	2	2	1	1	*	*	*	*	*	*
Environmental Protection Agency	430	417	413	405	412	403	406	445	415	415
Federal Communications Commission	5	6	5	2	2	0	NA	NA	NA	NA
Federal Trade Commission	3	6	6	6	6	8	3	3	1	*
Library of Congress	1	1	1	1	1	1	1	*	na	na
National Aeronautics and Space Administration	2,332	2,319	2,011	2,423	2,555	2,578	2,247	1,995	1,805	1,725
National Archives and Records Administration	1	1	1	1	0	NA	NA	NA	NA	NA
National Science Foundation	760	779	760	784	889	934	1,033	1,185	1,190	1,217
Nuclear Regulatory Commission	80	66	76	74	66	77	61	47	73	41
Patient-Centered Outcomes Research Trust Fund	115	884	492	578	470	460	522	553	605	583
Postal Service	29	73	53	27	18	15	14	7	5	3

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Agency	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025 (preliminary)
RESTORE Act Centers of Excellence Research Grants Program	na	na	na	na	9	0	7	23	7	5
Social Security Administration	129	110	72	146	70	105	79	96	97	58
Tennessee Valley Authority	NA	3	6	6	6	9	12	18	18	21

\* = 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. 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.