

TABLE 77

Federal obligations for research, by agency: FYs 2015–24

(Dollars in millions)

Agency	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 (preliminary)
All agencies	63,825	67,105	69,871	74,588	81,118	85,305	85,914	93,830	101,608	98,619
Departments										
Department of Agriculture	2,128	2,156	2,216	2,257	2,407	2,388	2,661	2,860	3,225	3,335
Agricultural Marketing Service	3	3	4	4	4	3	7	10	7	7
Agricultural Research Service	1,018	1,030	1,053	1,081	1,163	1,281	1,359	1,486	1,570	1,689
Animal and Plant Health Inspection Service	20	20	19	18	19	19	21	24	25	26
Economic Research Service	85	85	86	86	86	82	85	88	93	91
Foreign Agricultural Service	1	*	*	0	0	0	0	0	NA	NA
Forest Service	260	281	271	254	255	257	233	246	254	248
Grain Inspection, Packers, and Stockyards Administration	6	6	*	na	na	na	na	na	na	na
National Agricultural Statistics Service	5	5	5	5	5	5	5	6	6	6
National Institute of Food and Agriculture	726	721	774	805	871	738	937	986	1,249	1,250
Natural Resources Conservation Service	NA	NA	NA	NA	NA	NA	12	15	21	18
Rural Business-Cooperative Service	4	4	3	4	4	3	0	0	NA	NA
Department of Commerce	1,154	1,153	1,302	1,229	1,282	1,361	1,506	1,690	1,879	1,973
Census Bureau	41	90	56	56	29	38	56	150	151	175
National Institute of Standards and Technology	631	625	691	676	703	717	784	780	809	929
National Oceanic and Atmospheric Administration	470	428	547	488	542	598	659	748	909	856
National Telecommunications and Information Administration	12	11	8	9	8	8	7	11	11	12
Department of Defense	6,691	7,152	7,178	7,653	8,268	8,915	9,735	10,166	11,578	11,834
Defense Advanced Research Projects Agency	1,485	1,536	1,509	1,680	1,743	2,006	1,845	1,798	1,908	2,160
Defense Health Agency	NA	NA	NA	NA	NA	164	133	145	310	308
Department of the Air Force	1,609	1,762	1,713	1,905	2,107	2,249	2,387	2,926	3,615	3,650
Department of the Army	1,390	1,522	1,684	1,689	1,956	1,907	1,914	1,804	2,165	2,260
Department of the Navy	1,465	1,560	1,540	1,549	1,591	1,698	1,654	1,739	1,946	1,904
Space Force	na	na	na	na	na	0	98	175	0	0
Other defense agencies	742	771	732	829	871	892	1,704	1,579	1,635	1,553
Department of Education	160	163	174	190	189	189	262	299	283	317
Department of Energy	8,642	9,465	9,584	10,508	11,370	10,525	10,777	11,109	12,574	12,406
Advanced Research Projects Agency—Energy	139	172	151	80	202	219	157	201	235	230
Bonneville Power Administration	7	7	9	NA	NA	NA	NA	NA	NA	NA
Electricity Delivery and Energy Reliability	63	69	80	94	87	78	62	61	61	88
Energy Efficiency and Renewable Energy	473	576	853	1,285	1,270	1,248	1,395	679	1,232	980
Environmental Management	8	10	10	13	9	7	10	12	12	13
Fossil Energy	199	231	230	662	659	679	691	559	1,012	1,000
National Nuclear Security Administration	2,705	3,210	3,078	2,645	3,670	2,394	2,608	2,794	2,788	2,793

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Agency	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 (preliminary)
Defense Programs	2,527	3,010	2,881	2,422	3,434	2,155	2,328	2,337	2,359	2,363
Naval Nuclear Propulsion Program	0	0	0	0	0	0	0	191	141	151
Office of Defense Nuclear Nonproliferation	178	199	197	223	236	239	280	266	288	279
Nuclear Energy	639	665	688	763	378	392	346	657	636	649
Office of Cybersecurity, Energy Security, and Emergency Response	na	na	na	0	40	37	2	21	106	162
Office of Science	4,409	4,524	4,485	4,968	5,054	5,470	5,506	6,124	6,491	6,493
Department of Health and Human Services	30,197	32,129	33,677	36,802	38,354	44,234	42,718	48,271	52,481	49,406
Administration for Children and Families	2	3	2	3	2	2	5	5	7	7
Administration for Community Living	72	66	66	66	66	71	107	107	113	113
Advanced Research Projects Agency for Health	NA	NA	NA	NA	NA	NA	NA	NA	794	1,516
Agency for Healthcare Research and Quality	335	306	300	306	308	308	308	314	337	337
Agency for Toxic Substances and Disease Registry	2	2	3	3	7	10	11	12	19	6
Biomedical Advanced Research and Development Authority	NA	NA	NA	NA	0	0	0	2,644	5,913	1,926
Centers for Disease Control and Prevention	460	494	436	386	366	441	682	550	444	392
Centers for Medicare and Medicaid Services	24	30	29	231	133	224	421	419	35	36
Food and Drug Administration	376	486	375	478	493	464	589	561	710	707
Health Resources and Services Administration	27	26	30	36	33	35	33	35	81	79
National Institutes of Health	28,880	30,698	32,419	35,276	36,929	42,664	40,546	43,589	43,994	44,253
Office of the Secretary of Health and Human Services	18	18	17	17	17	16	17	36	34	35
Office of the Assistant Secretary for Planning and Evaluation	18	18	17	17	17	16	17	36	34	35
Department of Homeland Security	217	208	276	369	280	225	238	330	256	240
Coast Guard	6	7	6	6	6	1	3	2	7	7
Countering Weapons of Mass Destruction Office	37	38	34	14	31	24	21	35	38	38
Cybersecurity and Infrastructure Security Agency	na	na	na	7	13	7	9	3	3	1
Science and Technology Directorate	173	163	235	342	229	193	204	287	207	193
Secret Service	NA	NA	NA	0	0	0	0	*	*	*
Transportation Security Administration	NA	NA	NA	0	0	0	1	2	0	0
Department of Housing and Urban Development	38	43	41	40	61	NA	NA	NA	NA	NA
Department of the Interior	680	726	722	650	690	698	754	785	475	467
Bureau of Indian Affairs	NA	NA	NA	5	5	*	5	5	5	5
Bureau of Land Management	15	17	17	14	14	14	9	11	13	10
Bureau of Ocean Energy Management	44	60	63	66	65	59	63	66	0	0
Bureau of Reclamation	7	19	23	17	17	19	18	18	28	26
Bureau of Safety and Environmental Enforcement	17	24	8	5	8	5	20	6	7	8
Fish and Wildlife Service	30	32	33	33	33	33	33	35	41	48
Geological Survey	560	566	569	501	539	558	579	617	376	365

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Agency	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 (preliminary)
National Park Service	8	8	9	10	10	10	27	27	5	5
Office of Surface Mining Reclamation and Enforcement	NA	NA	NA	0	*	1	0	NA	NA	NA
Department of Justice	128	157	87	91	105	85	79	103	102	112
Bureau of Prisons	3	3	2	1	1	2	*	*	*	*
Federal Bureau of Investigation	0	0	0	3	1	5	4	9	6	6
Office of Justice Programs	126	154	85	87	103	78	75	94	96	106
Department of Labor	10	6	5	5	4	5	3	4	2	2
Employee Benefits Security Administration	7	5	3	3	3	3	1	2	2	2
Occupational Safety and Health Administration	3	1	2	2	2	2	2	2	NA	NA
Pension Benefit Guaranty Corporation	*	*	0	0	NA	NA	NA	NA	NA	NA
Department of State	2	2	2	62	62	30	44	45	39	23
Department of Transportation	663	625	696	751	746	900	841	829	905	915
Federal Aviation Administration	207	207	212	195	193	247	267	261	231	241
Federal Highway Administration	273	247	305	420	415	472	373	342	392	402
Federal Motor Carrier Safety Administration	8	10	11	9	8	9	12	21	10	12
Federal Railroad Administration	33	31	34	33	32	35	35	32	46	47
Federal Transit Administration	72	35	55	10	3	40	42	12	6	6
National Highway Traffic Safety Administration	63	87	69	76	76	69	66	92	93	109
Office of the Secretary of Transportation	2	4	3	3	8	12	30	45	94	81
Pipeline and Hazardous Materials Safety Administration	5	5	5	6	11	17	16	24	33	18
Department of the Treasury	73	82	1	38	46	50	47	37	0	0
Bureau of Engraving and Printing	9	16	0	38	46	49	47	37	0	0
Internal Revenue Service	64	65	0	0	0	0	NA	NA	NA	NA
Mint	*	2	1	0	*	*	*	0	0	0
Department of Veterans Affairs	643	677	669	1,320	1,478	1,536	1,561	1,606	1,880	1,915
Other agencies										
Administrative Office of the U.S. Courts	NA	7	8	7	6	5	4	1	NA	NA
Agency for Global Media	NA	NA	NA	NA	6	5	5	8	9	9
Agency for International Development	212	148	192	120	172	135	51	153	200	200
Appalachian Regional Commission	*	1	*	1	1	1	1	1	2	*
Consumer Product Safety Commission	2	2	2	1	1	*	*	*	*	*
Environmental Protection Agency	440	430	417	413	405	412	403	406	445	415
Federal Communications Commission	5	5	6	5	2	2	0	NA	NA	NA
Federal Trade Commission	2	3	6	6	6	6	8	3	3	10
Library of Congress	1	1	1	1	1	1	1	1	*	1
National Aeronautics and Space Administration	5,539	5,613	5,745	5,293	8,111	6,394	6,779	7,305	6,793	7,181

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Agency	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 (preliminary)
National Archives and Records Administration	1	1	1	1	1	0	NA	NA	NA	NA
National Science Foundation	5,670	5,589	5,518	5,849	5,996	6,351	6,705	6,896	7,490	6,883
Nuclear Regulatory Commission	92	81	67	78	75	68	77	61	47	46
Patient-Centered Outcomes Research Trust Fund	152	115	884	492	578	470	460	522	553	543
Postal Service	28	29	73	53	27	18	15	14	7	6
RESTORE Act Centers of Excellence Research Grants Program	na	na	na	na	na	9	0	7	23	1
Smithsonian Institution	196	206	208	228	236	210	63	227	242	254
Social Security Administration	59	129	110	72	146	70	105	79	96	111
Tennessee Valley Authority	NA	NA	3	6	6	6	9	12	18	14

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