

TABLE 77

Federal obligations for research, by agency: FYs 2014–23

(Dollars in millions)

Agency	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 (preliminary)
All agencies	63,191	63,825	67,105	69,871	74,588	81,118	85,305	85,896	93,807	99,481
Departments										
Department of Agriculture	2,060	2,128	2,156	2,216	2,257	2,407	2,388	2,661	2,860	3,221
Agricultural Marketing Service	3	3	3	4	4	4	3	7	10	9
Agricultural Research Service	1,010	1,018	1,030	1,053	1,081	1,163	1,281	1,359	1,486	1,672
Animal and Plant Health Inspection Service	19	20	20	19	18	19	19	21	24	26
Economic Research Service	78	85	85	86	86	86	82	85	88	93
Foreign Agricultural Service	*	1	*	*	0	0	0	0	0	0
Forest Service	277	260	281	271	254	255	257	233	246	254
Grain Inspection, Packers, and Stockyards Administration	6	6	6	*	na	na	na	na	na	na
National Agricultural Statistics Service	5	5	5	5	5	5	5	5	6	6
National Institute of Food and Agriculture	657	726	721	774	805	871	738	937	986	1,145
Natural Resources Conservation Service	NA	NA	NA	NA	NA	NA	NA	12	15	16
Rural Business-Cooperative Service	6	4	4	3	4	4	3	0	0	0
Department of Commerce	1,277	1,154	1,153	1,302	1,229	1,282	1,361	1,506	1,690	2,066
Census Bureau	227	41	90	56	56	29	38	56	150	222
National Institute of Standards and Technology	599	631	625	691	676	703	717	784	780	916
National Oceanic and Atmospheric Administration	442	470	428	547	488	542	598	659	748	915
National Telecommunications and Information Administration	10	12	11	8	9	8	8	7	11	13
Department of Defense	6,704	6,691	7,152	7,178	7,653	8,268	8,915	9,735	10,166	11,933
Defense Advanced Research Projects Agency	1,536	1,485	1,536	1,509	1,680	1,743	2,006	1,845	1,798	2,194
Defense Health Agency	NA	NA	NA	NA	NA	NA	164	133	145	178
Department of the Air Force	1,574	1,609	1,762	1,713	1,905	2,107	2,249	2,387	2,926	3,027
Department of the Army	1,418	1,390	1,522	1,684	1,689	1,956	1,907	1,914	1,804	2,396
Department of the Navy	1,483	1,465	1,560	1,540	1,549	1,591	1,698	1,654	1,739	2,355
Space Force	na	na	na	na	na	na	0	98	175	156
Other defense agencies	693	742	771	732	829	871	892	1,704	1,579	1,626
Department of Education	208	160	163	174	190	189	189	262	299	264
Department of Energy	8,092	8,642	9,465	9,584	10,508	11,370	10,525	10,777	11,109	12,309
Advanced Research Projects Agency—Energy	150	139	172	151	80	202	219	157	201	235
Bonneville Power Administration	7	7	7	9	NA	NA	NA	NA	NA	NA
Electricity Delivery and Energy Reliability	65	63	69	80	94	87	78	62	61	75
Energy Efficiency and Renewable Energy	540	473	576	853	1,285	1,270	1,248	1,395	679	724
Environmental Management	16	8	10	10	13	9	7	10	12	14
Fossil Energy	162	199	231	230	662	659	679	691	559	938
National Nuclear Security Administration	2,770	2,705	3,210	3,078	2,645	3,670	2,394	2,608	2,794	2,988
Defense Programs	2,519	2,527	3,010	2,881	2,422	3,434	2,155	2,328	2,337	2,554
Naval Nuclear Propulsion Program	0	0	0	0	0	0	0	0	191	141
Office of Defense Nuclear Nonproliferation	251	178	199	197	223	236	239	280	266	293
Nuclear Energy	296	639	665	688	763	378	392	346	657	914
Office of Cybersecurity, Energy Security, and Emergency Response	na	na	na	na	0	40	37	2	21	45
Office of Science	4,085	4,409	4,524	4,485	4,968	5,054	5,470	5,506	6,124	6,375
Department of Health and Human Services	30,587	30,197	32,129	33,677	36,802	38,354	44,234	42,718	48,271	49,215
Administration for Children and Families	3	2	3	2	3	2	2	5	5	9

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Agency	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 (preliminary)
Administration for Community Living	0	72	66	66	66	66	71	107	107	113
Agency for Healthcare Research and Quality	335	335	306	300	306	308	308	308	314	337
Agency for Toxic Substances and Disease Registry	1	2	2	3	3	7	10	11	12	12
Biomedical Advanced Research and Development Authority	NA	NA	NA	NA	NA	0	0	0	2,644	818
Centers for Disease Control and Prevention	379	460	494	436	386	366	441	682	550	444
Centers for Medicare and Medicaid Services	34	24	30	29	231	133	224	421	419	427
Food and Drug Administration	389	376	486	375	478	493	464	589	561	630
Health Resources and Services Administration	28	27	26	30	36	33	35	33	35	45
National Institutes of Health	29,400	28,880	30,698	32,419	35,276	36,929	42,664	40,546	43,589	46,341
Office of the Secretary of Health and Human Services	19	18	18	17	17	17	16	17	36	38
Office of the Assistant Secretary for Planning and Evaluation	19	18	18	17	17	17	16	17	36	38
Department of Homeland Security	256	217	208	276	369	280	225	238	328	239
Coast Guard	8	6	7	6	6	6	1	3	2	2
Countering Weapons of Mass Destruction Office	79	37	38	34	14	31	24	21	35	39
Cybersecurity and Infrastructure Security Agency	na	na	na	na	7	13	7	9	3	4
Science and Technology Directorate	168	173	163	235	342	229	193	204	287	193
Secret Service	NA	NA	NA	NA	0	0	0	0	*	*
Transportation Security Administration	NA	NA	NA	NA	0	0	0	1	*	0
Department of Housing and Urban Development	36	38	43	41	40	61	NA	NA	NA	NA
Department of the Interior	649	680	726	722	650	690	698	754	785	877
Bureau of Indian Affairs	NA	NA	NA	NA	5	5	*	5	5	5
Bureau of Land Management	NA	15	17	17	14	14	14	9	11	13
Bureau of Ocean Energy Management	48	44	60	63	66	65	59	63	66	72
Bureau of Reclamation	9	7	19	23	17	17	19	18	18	28
Bureau of Safety and Environmental Enforcement	33	17	24	8	5	8	5	20	6	15
Fish and Wildlife Service	NA	30	32	33	33	33	33	33	35	44
Geological Survey	546	560	566	569	501	539	558	579	617	673
National Park Service	14	8	8	9	10	10	10	27	27	27
Office of Surface Mining Reclamation and Enforcement	NA	NA	NA	NA	0	*	1	0	NA	NA
Department of Justice	142	128	157	87	91	105	85	79	103	124
Bureau of Prisons	2	3	3	2	1	1	2	*	*	*
Federal Bureau of Investigation	0	0	0	0	3	1	5	4	9	21
Office of Justice Programs	140	126	154	85	87	103	78	75	94	104
Department of Labor	11	10	6	5	5	4	5	3	4	4
Employee Benefits Security Administration	7	7	5	3	3	3	3	1	2	2
Occupational Safety and Health Administration	4	3	1	2	2	2	2	2	2	2
Pension Benefit Guaranty Corp.	*	*	*	0	0	NA	NA	NA	NA	NA
Department of State	NA	2	2	2	62	62	30	44	45	40
Department of Transportation	653	663	625	696	751	746	900	823	808	960
Federal Aviation Administration	197	207	207	212	195	193	247	267	261	256

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Agency	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 (preliminary)
Federal Highway Administration	339	273	247	305	420	415	472	373	342	436
Federal Motor Carrier Safety Administration	7	8	10	11	9	8	9	12	21	12
Federal Railroad Administration	30	33	31	34	33	32	35	35	32	40
Federal Transit Administration	8	72	35	55	10	3	40	42	12	48
National Highway Traffic Safety Administration	65	63	87	69	76	76	69	66	92	96
Office of the Secretary of Transportation	4	2	4	3	3	8	12	12	24	51
Pipeline and Hazardous Materials Safety Administration	2	5	5	5	6	11	17	16	24	22
Department of the Treasury	73	73	82	1	38	46	50	47	37	48
Bureau of Engraving and Printing	9	9	16	0	38	46	49	47	37	48
Internal Revenue Service	64	64	65	0	0	0	0	NA	NA	NA
Mint	1	*	2	1	0	*	*	*	0	0
Department of Veterans Affairs	553	643	677	669	1,320	1,478	1,536	1,561	1,606	1,837
Other agencies										
Administrative Office of the U.S. Courts	NA	NA	7	8	7	6	5	4	1	0
Agency for Global Media	NA	NA	NA	NA	NA	6	5	5	8	8
Agency for International Development	60	212	148	192	120	172	135	51	153	153
Appalachian Regional Commission	1	*	1	*	1	1	1	1	1	1
Consumer Product Safety Commission	2	2	2	2	1	1	*	*	*	*
Environmental Protection Agency	453	440	430	417	413	405	412	403	406	445
Federal Communications Commission	7	5	5	6	5	2	2	0	NA	NA
Federal Trade Commission	3	2	3	6	6	6	6	8	3	10
Library of Congress	1	1	1	1	1	1	1	1	1	*
National Aeronautics and Space Administration	5,336	5,539	5,613	5,745	5,293	8,111	6,394	6,779	7,305	6,831
National Archives and Records Administration	1	1	1	1	1	1	0	NA	NA	NA
National Science Foundation	5,403	5,670	5,589	5,518	5,849	5,996	6,351	6,705	6,896	7,854
Nuclear Regulatory Commission	85	92	81	67	78	75	68	77	61	83
Patient-Centered Outcomes Research Trust Fund	283	152	115	884	492	578	470	460	522	560
Postal Service	NA	28	29	73	53	27	18	15	14	14
RESTORE Act Centers of Excellence Research Grants Program	na	na	na	na	na	na	9	0	7	23
Smithsonian Institution	195	196	206	208	228	236	210	63	227	242
Social Security Administration	60	59	129	110	72	146	70	105	79	106
Tennessee Valley Authority	NA	NA	NA	3	6	6	6	9	12	13

* = 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.