

TABLE 79

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

(Dollars in millions)

Agency	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 (preliminary)
All agencies	31,588	31,527	32,293	33,271	36,195	40,017	41,547	42,266	45,393	48,467
Departments										
Department of Agriculture	908	925	935	965	986	1,057	1,164	1,299	1,417	1,603
Agricultural Research Service	561	566	572	585	600	646	712	755	825	929
Animal and Plant Health Inspection Service	19	20	20	19	18	19	19	21	24	26
Economic Research Service	7	0	0	0	0	0	0	0	0	0
Foreign Agricultural Service	*	*	*	*	0	0	0	0	0	0
Forest Service	90	85	91	89	84	85	85	79	85	88
National Institute of Food and Agriculture	231	254	252	273	283	307	348	432	468	544
Natural Resources Conservation Service	NA	NA	NA	NA	NA	NA	NA	11	15	16
Department of Commerce	215	232	247	246	227	253	251	278	273	311
National Institute of Standards and Technology	215	232	247	246	227	253	251	278	273	311
Department of Defense	2,074	2,133	2,239	2,110	2,390	2,510	2,499	2,835	3,150	3,541
Defense Advanced Research Projects Agency	347	360	378	391	458	478	482	510	440	517
Defense Health Agency	NA	NA	NA	NA	NA	NA	11	18	11	14
Department of the Air Force	501	501	522	469	564	559	520	703	970	994
Department of the Army	436	449	462	450	472	495	524	542	514	620
Department of the Navy	611	620	637	569	596	656	641	631	662	879
Space Force	na	na	na	na	na	na	0	98	71	55
Other defense agencies	178	203	240	230	299	322	321	333	482	461
Department of Education	25	22	23	33	55	57	54	30	32	28
Department of Energy	4,075	4,460	4,586	4,500	5,001	5,075	5,502	5,500	6,108	6,523
Bonneville Power Administration	5	4	4	5	NA	NA	NA	NA	NA	NA
Electricity Delivery and Energy Reliability	4	6	3	6	13	15	13	13	8	13
Fossil Energy	4	5	6	6	33	33	34	2	0	0
National Nuclear Security Administration	56	68	83	81	88	102	114	123	121	124
Office of Defense Nuclear Nonproliferation	56	68	83	81	88	102	114	123	121	124
Nuclear Energy	0	43	35	0	0	0	0	0	0	0
Office of Cybersecurity, Energy Security, and Emergency Response	na	na	na	na	0	1	1	2	5	12
Office of Science	4,006	4,334	4,455	4,402	4,867	4,924	5,339	5,361	5,973	6,375
Department of Health and Human Services	16,005	15,077	15,645	16,700	18,241	19,100	21,809	21,508	22,411	23,788
Agency for Toxic Substances and Disease Registry	0	0	0	0	1	0	0	0	0	0
Centers for Disease Control and Prevention	71	95	85	72	64	77	70	89	90	83
Centers for Medicare and Medicaid Services	0	0	0	0	0	0	0	421	419	427
Health Resources and Services Administration	2	3	3	3	3	3	2	3	2	2
National Institutes of Health	15,932	14,979	15,558	16,625	18,173	19,020	21,737	20,995	21,899	23,275
Department of Homeland Security	42	12	13	12	61	46	47	51	69	70
Countering Weapons of Mass Destruction Office	42	12	13	12	5	5	6	6	9	9
Science and Technology Directorate	0	0	0	0	55	41	41	45	60	60
Secret Service	NA	NA	NA	NA	0	0	0	0	*	*
Department of Housing and Urban Development	0	0	0	0	0	39	NA	NA	NA	NA

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Agency	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 (preliminary)
Department of the Interior	52	53	54	54	80	81	84	86	94	101
Bureau of Land Management	NA	0	0	0	1	1	0	*	2	2
Bureau of Safety and Environmental Enforcement	0	0	0	0	1	*	1	2	1	1
Geological Survey	52	53	54	54	77	80	82	84	91	99
National Park Service	0	0	0	0	1	1	1	0	0	0
Department of Justice	8	5	13	2	16	21	1	8	17	16
Office of Justice Programs	8	5	13	2	16	21	1	8	17	16
Department of State	NA	0	0	0	0	0	0	4	7	2
Department of Transportation	9	0	0	0	0	0	0	2	2	4
Federal Highway Administration	1	0	0	0	0	0	0	0	0	0
Federal Motor Carrier Safety Administration	0	0	0	0	0	0	0	1	0	0
Federal Transit Administration	8	0	0	0	0	0	0	0	0	0
Office of the Secretary of Transportation	0	0	0	0	0	0	0	0	*	*
Pipeline and Hazardous Materials Safety Administration	0	0	0	0	0	0	0	1	2	4
Department of the Treasury	*	*	2	0	11	10	6	5	0	0
Bureau of Engraving and Printing	*	*	2	0	11	10	6	5	0	0
Mint	0	0	0	0	0	*	*	0	0	0
Department of Veterans Affairs	232	227	219	274	528	629	618	625	665	761
Other agencies										
Agency for International Development	1	0	0	1	0	0	*	0	0	0
Federal Communications Commission	0	0	0	*	0	0	0	0	NA	NA
National Aeronautics and Space Administration	3,023	3,210	3,281	3,426	3,282	5,689	3,839	4,201	5,058	5,090
National Science Foundation	4,725	4,974	4,829	4,739	5,089	5,212	5,462	5,771	5,863	6,388
Nuclear Regulatory Commission	0	0	*	1	1	1	2	0	0	0
Smithsonian Institution	195	196	206	208	228	236	210	63	227	242

* = 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.