

TABLE 79

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

(Dollars in millions)

Agency	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 (preliminary)
All agencies	31,527	32,293	33,271	36,195	40,017	41,547	42,266	45,414	47,335	47,473
Departments										
Department of Agriculture	925	935	965	986	1,057	1,164	1,299	1,417	1,598	1,658
Agricultural Research Service	566	572	585	600	646	712	755	825	872	939
Animal and Plant Health Inspection Service	20	20	19	18	19	19	21	24	25	26
Foreign Agricultural Service	*	*	*	0	0	0	0	0	NA	NA
Forest Service	85	91	89	84	85	85	79	85	88	86
National Institute of Food and Agriculture	254	252	273	283	307	348	432	468	602	600
Natural Resources Conservation Service	NA	NA	NA	NA	NA	NA	11	15	11	7
Department of Commerce	232	247	246	227	253	251	278	273	302	361
National Institute of Standards and Technology	232	247	246	227	253	251	278	273	302	361
Department of Defense	2,133	2,239	2,110	2,390	2,510	2,499	2,835	3,150	3,823	3,606
Defense Advanced Research Projects Agency	360	378	391	458	478	482	510	440	464	398
Defense Health Agency	NA	NA	NA	NA	NA	11	18	11	49	47
Department of the Air Force	501	522	469	564	559	520	703	970	1,388	1,398
Department of the Army	449	462	450	472	495	524	542	514	602	547
Department of the Navy	620	637	569	596	656	641	631	662	718	703
Space Force	na	na	na	na	na	0	98	71	0	0
Other defense agencies	203	240	230	299	322	321	333	482	602	514
Department of Education	22	23	33	55	57	54	30	32	32	36
Department of Energy	4,460	4,586	4,500	5,001	5,075	5,502	5,500	6,108	6,470	6,660
Bonneville Power Administration	4	4	5	NA	NA	NA	NA	NA	NA	NA
Electricity Delivery and Energy Reliability	6	3	6	13	15	13	13	8	7	16
Fossil Energy	5	6	6	33	33	34	2	0	0	0
National Nuclear Security Administration	68	83	81	88	102	114	123	121	124	127
Office of Defense Nuclear Nonproliferation	68	83	81	88	102	114	123	121	124	127
Nuclear Energy	43	35	0	0	0	0	0	0	0	0
Office of Cybersecurity, Energy Security, and Emergency Response	na	na	na	0	1	1	2	5	27	25
Office of Science	4,334	4,455	4,402	4,867	4,924	5,339	5,361	5,973	6,312	6,493
Department of Health and Human Services	15,077	15,645	16,700	18,241	19,100	21,809	21,508	22,411	22,738	22,744
Agency for Toxic Substances and Disease Registry	0	0	0	1	0	0	0	0	0	0
Centers for Disease Control and Prevention	95	85	72	64	77	70	89	90	87	76
Centers for Medicare and Medicaid Services	0	0	0	0	0	0	421	419	35	36
Health Resources and Services Administration	3	3	3	3	3	2	3	2	34	33
National Institutes of Health	14,979	15,558	16,625	18,173	19,020	21,737	20,995	21,899	22,581	22,599
Department of Homeland Security	12	13	12	61	46	47	51	69	76	74

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Agency	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 (preliminary)
Coast Guard	0	0	0	0	0	0	0	0	2	2
Countering Weapons of Mass Destruction Office	12	13	12	5	5	6	6	9	12	11
Science and Technology Directorate	0	0	0	55	41	41	45	60	62	60
Secret Service	NA	NA	NA	0	0	0	0	*	*	*
Department of Housing and Urban Development	0	0	0	0	39	NA	NA	NA	NA	NA
Department of the Interior	53	54	54	80	81	84	86	94	44	43
Bureau of Land Management	0	0	0	1	1	0	*	2	2	1
Bureau of Safety and Environmental Enforcement	0	0	0	1	*	1	2	1	1	1
Geological Survey	53	54	54	77	80	82	84	91	42	41
National Park Service	0	0	0	1	1	1	0	0	0	0
Department of Justice	5	13	2	16	21	1	8	17	17	19
Office of Justice Programs	5	13	2	16	21	1	8	17	17	19
Department of State	0	0	0	0	0	0	4	7	6	1
Department of Transportation	0	0	0	0	0	0	2	23	38	26
Federal Motor Carrier Safety Administration	0	0	0	0	0	0	1	0	1	1
Office of the Secretary of Transportation	0	0	0	0	0	0	0	21	37	24
Pipeline and Hazardous Materials Safety Administration	0	0	0	0	0	0	1	2	*	1
Department of the Treasury	*	2	0	11	10	6	5	0	0	0
Bureau of Engraving and Printing	*	2	0	11	10	6	5	0	0	0
Mint	0	0	0	0	*	*	0	0	0	0
Department of Veterans Affairs	227	219	274	528	629	618	625	665	842	782
Other agencies										
Agency for International Development	0	0	1	0	0	*	0	0	3	3
Federal Communications Commission	0	0	*	0	0	0	0	NA	NA	NA
National Aeronautics and Space Administration	3,210	3,281	3,426	3,282	5,689	3,839	4,201	5,058	4,798	5,411
National Science Foundation	4,974	4,829	4,739	5,089	5,212	5,462	5,771	5,863	6,305	5,796
Nuclear Regulatory Commission	0	*	1	1	1	2	0	0	0	0
Smithsonian Institution	196	206	208	228	236	210	63	227	242	254

* = 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.