

TABLE 79

Federal obligations for basic research, by agency: FYs 2013–22

(Dollars in millions)

Agency	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 (preliminary)
All agencies	29,779	31,588	31,527	32,293	33,271	36,195	40,017	41,547	42,494	43,790
Departments										
Department of Agriculture	844	908	925	935	965	986	1,057	1,164	1,299	1,459
Agricultural Research Service	507	561	566	572	585	600	646	712	755	800
Animal and Plant Health Inspection Service	18	19	20	20	19	18	19	19	21	23
Economic Research Service	7	7	0	0	0	0	0	0	0	0
Foreign Agricultural Service	*	*	*	*	*	0	0	0	0	0
Forest Service	97	90	85	91	89	84	85	85	79	95
National Agricultural Statistics Service	3	0	0	0	0	0	0	0	0	0
National Institute of Food and Agriculture	213	231	254	252	273	283	307	348	432	528
Natural Resources Conservation Service	NA	NA	NA	NA	NA	NA	NA	NA	11	13
Department of Commerce	191	215	232	247	246	227	253	251	278	287
National Institute of Standards and Technology	191	215	232	247	246	227	253	251	278	287
Department of Defense	1,863	2,074	2,133	2,239	2,110	2,390	2,510	2,499	2,835	2,977
Defense Advanced Research Projects Agency	285	347	360	378	391	458	478	482	510	513
Defense Health Agency	na	NA	NA	NA	NA	NA	NA	11	18	16
Department of the Air Force	448	501	501	522	469	564	559	520	703	725
Department of the Army	398	436	449	462	450	472	495	524	542	586
Department of the Navy	556	611	620	637	569	596	656	641	631	852
Space Force	na	na	na	na	na	na	na	0	98	76
Other defense agencies	177	178	203	240	230	299	322	321	333	209
Department of Education	24	25	22	23	33	55	57	54	30	33
Department of Energy	3,851	4,075	4,460	4,586	4,500	5,001	5,075	5,502	5,500	5,947
Bonneville Power Administration	9	5	4	4	5	NA	NA	NA	NA	NA
Electricity Delivery and Energy Reliability	4	4	6	3	6	13	15	13	13	8
Fossil Energy	3	4	5	6	6	33	33	34	2	0
National Nuclear Security Administration	49	56	68	83	81	88	102	114	123	123
Defense Programs	7	0	0	0	0	0	0	0	0	0
Office of Defense Nuclear Nonproliferation	43	56	68	83	81	88	102	114	123	123
Nuclear Energy	0	0	43	35	0	0	0	0	0	0
Office of Cybersecurity, Energy Security, and Emergency Response	na	na	na	na	na	0	1	1	2	20
Office of Science	3,786	4,006	4,334	4,455	4,402	4,867	4,924	5,339	5,361	5,795
Department of Health and Human Services	15,288	16,005	15,077	15,645	16,700	18,241	19,100	21,809	21,508	21,412
Agency for Toxic Substances and Disease Registry	0	0	0	0	0	1	0	0	0	0
Centers for Disease Control and Prevention	58	71	95	85	72	64	77	70	89	97
Centers for Medicare and Medicaid Services	0	0	0	0	0	0	0	0	421	421
Health Resources and Services Administration	2	2	3	3	3	3	3	2	3	3
National Institutes of Health	15,228	15,932	14,979	15,558	16,625	18,173	19,020	21,737	20,995	20,891
Department of Homeland Security	0	42	12	13	12	61	46	47	51	68
Countering Weapons of Mass Destruction Office	NA	42	12	13	12	5	5	6	6	7
Science and Technology Directorate	0	0	0	0	0	55	41	41	45	61

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Agency	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 (preliminary)
Department of Housing and Urban Development	0	0	0	0	0	0	39	NA	NA	NA
Department of the Interior	51	52	53	54	54	80	81	84	86	174
Bureau of Land Management	NA	NA	0	0	0	1	1	0	*	2
Bureau of Safety and Environmental Enforcement	0	0	0	0	0	1	*	1	2	2
Geological Survey	51	52	53	54	54	77	80	82	84	171
National Park Service	0	0	0	0	0	1	1	1	0	0
Department of Justice	21	8	5	13	2	16	21	1	8	8
Federal Bureau of Investigation	4	0	0	0	0	0	0	0	0	0
Office of Justice Programs	16	8	5	13	2	16	21	1	8	8
Department of State	0	NA	0	0	0	0	0	0	4	7
Department of Transportation	7	9	0	0	0	0	0	0	2	9
Federal Highway Administration	7	1	0	0	0	0	0	0	0	0
Federal Motor Carrier Safety Administration	0	0	0	0	0	0	0	0	1	1
Federal Transit Administration	0	8	0	0	0	0	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	0	0	0	0	0	0	0	0	1	8
Department of the Treasury	*	*	*	2	0	11	10	6	5	6
Bureau of Engraving and Printing	*	*	*	2	0	11	10	6	5	6
Mint	0	0	0	0	0	0	*	*	0	0
Department of Veterans Affairs	249	232	227	219	274	528	629	618	625	671
Other agencies										
Agency for International Development	9	1	0	0	1	0	0	*	0	0
Federal Communications Commission	0	0	0	0	*	0	0	0	0	0
National Aeronautics and Space Administration	2,824	3,023	3,210	3,281	3,426	3,282	5,689	3,839	4,429	4,589
National Science Foundation	4,362	4,725	4,974	4,829	4,739	5,089	5,212	5,462	5,771	6,050
Nuclear Regulatory Commission	0	0	0	*	1	1	1	2	0	0
Smithsonian Institution	195	195	196	206	208	228	236	210	63	95

* = 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.