

TABLE 30

Preliminary federal obligations for basic research, by agency and field of R&D: FY 2022

(Dollars in thousands)

Agency	Total	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
All agencies	43,790,457	2,383,428	3,567,880	19,188,161	535,798	8,737,145	1,929,607	541,744	3,231,480	3,675,215
Departments										
Department of Agriculture	1,458,701	16,242	13,846	1,195,875	3,062	68,880	1,531	43,472	68,389	47,403
Agricultural Research Service	799,500	1,039	0	738,018	0	51,328	0	1,919	7,196	0
Animal and Plant Health Inspection Service	23,363	0	0	23,363	0	0	0	0	0	0
Forest Service	95,083	0	3,182	72,689	0	3,564	0	11,306	4,342	*
National Institute of Food and Agriculture	527,876	15,203	10,663	348,926	3,062	13,989	1,531	30,247	56,852	47,403
Natural Resources Conservation Service	12,878	0	0	12,878	0	0	0	0	0	0
Department of Commerce	287,118	12,001	1,631	13,421	2,523	215,094	0	0	42,448	0
National Institute of Standards and Technology	287,118	12,001	1,631	13,421	2,523	215,094	0	0	42,448	0
Department of Defense	2,976,752	639,958	201,025	342,584	33,311	221,941	44,663	30,806	893,086	569,378
Defense Advanced Research Projects Agency	512,844	316,297	15,419	87,017	3,666	40,573	9,465	0	33,249	7,158
Defense Health Agency	15,570	0	0	15,418	0	0	0	0	0	152
Department of the Air Force	724,626	53,047	0	30,875	0	102,937	300	12,994	425,824	98,649
Department of the Army	586,322	122,868	5,537	116,765	12,379	44,737	20,984	2,809	0	260,242
Department of the Navy	852,383	88,411	175,753	65,663	15,757	23,595	11,386	7,472	273,474	190,872
Space Force	76,353	0	0	0	0	0	0	0	76,353	0
Other defense agencies	208,654	59,335	4,315	26,845	1,508	10,099	2,528	7,531	84,186	12,307
Department of Education	33,255	0	0	0	0	0	0	0	0	33,255
Department of Energy	5,947,161	855,763	260,485	541,469	51,283	3,765,319	0	0	8,892	463,950
Electricity Delivery and Energy Reliability	8,401	0	0	0	0	0	0	0	8,401	0
National Nuclear Security Administration	123,085	5,351	2,432	765	425	107,621	0	0	491	6,000
Office of Defense Nuclear Nonproliferation	123,085	5,351	2,432	765	425	107,621	0	0	491	6,000

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Office of Cybersecurity, Energy Security, and Emergency Response	20,270	20,270	0	0	0	0	0	0	0	0
Office of Science	5,795,405	830,142	258,053	540,704	50,858	3,657,698	0	0	0	457,950
Department of Health and Human Services	21,411,636	2,403	251,838	15,542,501	177,072	119,519	1,849,014	237,714	1,459,455	1,772,119
Centers for Disease Control and Prevention	96,501	2,403	0	57,528	115	1,326	0	90	16,897	18,143
Centers for Medicare and Medicaid Services	420,703	0	0	420,703	0	0	0	0	0	0
Health Resources and Services Administration	3,399	0	0	3,399	0	0	0	0	0	0
National Institutes of Health	20,891,033	0	251,838	15,060,872	176,957	118,194	1,849,014	237,624	1,442,558	1,753,976
Department of Homeland Security	67,631	1,749	11,645	1,089	0	3,793	0	0	42,122	7,233
Countering Weapons of Mass Destruction Office	6,631	1,749	0	1,089	0	3,793	0	0	0	0
Science and Technology Directorate	61,000	0	11,645	0	0	0	0	0	42,122	7,233
Department of the Interior	174,008	0	167,488	5,020	0	0	0	0	1,500	0
Bureau of Land Management	2,004	0	0	2,004	0	0	0	0	0	0
Bureau of Safety and Environmental Enforcement	1,500	0	0	0	0	0	0	0	1,500	0
Geological Survey	170,504	0	167,488	3,016	0	0	0	0	0	0
Department of Justice	8,265	0	0	0	0	0	0	8,265	0	0
Office of Justice Programs	8,265	0	0	0	0	0	0	8,265	0	0
Department of State	7,000	0	0	7,000	0	0	0	0	0	0
Department of Transportation	9,016	0	0	0	0	4,958	0	0	4,058	0
Federal Motor Carrier Safety Administration	900	0	0	0	0	900	0	0	0	0

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Pipeline and Hazardous Materials Safety Administration	8,116	0	0	0	0	4,058	0	0	4,058	0
Department of the Treasury	5,900	0	0	0	0	5,900	0	0	0	0
Bureau of Engraving and Printing	5,900	0	0	0	0	5,900	0	0	0	0
Department of Veterans Affairs	670,701	0	0	670,701	0	0	0	0	0	0
Other agencies										
National Aeronautics and Space Administration	4,588,766	0	1,561,526	29,923	0	2,979,886	0	0	0	17,431
National Science Foundation	6,049,547	855,311	1,081,295	786,329	268,548	1,341,403	34,400	213,286	711,529	757,446
Smithsonian Institution	95,000	0	17,100	52,250	0	10,450	0	8,200	0	7,000

* = amount greater than \$0 but less than \$50,000.

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. FY 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. As of volume 71 (FYs 2021–22), the fields of R&D (formerly, "fields of science and engineering") were revised for consistency with other National Center for Science and Engineering Statistics surveys; some fields were added, merged, or split, and some fields were renamed. Therefore, the data are not directly comparable with totals reported in previous years. See technical table A-3 for additional notes associated with the taxonomy changes to the fields listed in this table.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2021–22.