

TABLE 29

Federal obligations for basic research, by agency and field of R&D: FY 2023

(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	47,335,244	2,342,308	3,660,536	18,352,752	670,949	9,531,796	2,512,992	1,165,896	4,344,616	4,753,399
Departments										
Department of Agriculture	1,597,892	17,231	13,909	1,266,965	4,386	79,183	559	62,524	88,058	65,078
Agricultural Research Service	872,119	1,134	3,837	801,216	0	55,990	0	2,093	7,849	0
Animal and Plant Health Inspection Service	25,463	0	0	25,463	0	0	0	0	0	0
Forest Service	88,125	*	2,778	67,345	0	3,732	0	10,027	4,243	0
National Institute of Food and Agriculture	601,645	16,097	7,294	362,400	4,386	19,462	559	50,403	75,966	65,078
Natural Resources Conservation Service	10,540	0	0	10,540	0	0	0	0	0	0
Department of Commerce	302,271	12,351	149	13,863	3,662	209,399	0	0	62,848	0
National Institute of Standards and Technology	302,271	12,351	149	13,863	3,662	209,399	0	0	62,848	0
Department of Defense	3,823,104	551,688	164,990	354,197	87,865	387,256	41,601	37,662	1,334,086	863,760
Defense Advanced Research Projects Agency	464,147	221,046	6,292	118,610	3,317	18,696	2,728	0	18,730	74,729
Defense Health Agency	48,648	0	0	48,646	0	0	0	0	0	2
Department of the Air Force	1,388,310	102,166	0	28,624	3,697	159,991	1,447	6,724	795,642	290,020
Department of the Army	601,994	78,233	5,685	119,886	12,710	45,933	21,545	2,885	47,920	267,198
Department of the Navy	717,920	54,624	134,757	17,027	11,184	64,458	6,850	2,362	227,100	199,559
Other defense agencies	602,084	95,620	18,255	21,404	56,957	98,178	9,031	25,693	244,695	32,252
Department of Education	31,872	0	0	0	0	0	0	0	0	31,872
Department of Energy	6,469,860	924,099	290,513	580,271	54,624	4,092,781	0	0	21,903	505,669
Electricity Delivery and Energy Reliability	6,752	0	0	0	0	0	0	0	6,752	0
National Nuclear Security Administration	123,858	6,649	1,958	0	140	109,472	0	0	390	5,250
Office of Defense Nuclear Nonproliferation	123,858	6,649	1,958	0	140	109,472	0	0	390	5,250
Office of Cybersecurity, Energy Security, and Emergency Response	26,800	26,800	0	0	0	0	0	0	0	0
Office of Science	6,312,450	890,650	288,556	580,271	54,484	3,983,309	0	0	14,761	500,419
Department of Health and Human Services	22,737,627	0	376,255	14,389,934	251,316	445,582	2,435,861	809,721	1,927,864	2,101,092
Centers for Disease Control and Prevention	87,037	0	696	57,089	0	1,829	447	0	11,690	15,286
Centers for Medicare and Medicaid Services	34,924	0	0	34,924	0	0	0	0	0	0
Health Resources and Services Administration	34,441	0	0	32,346	0	0	0	0	0	2,095
National Institutes of Health	22,581,225	0	375,559	14,265,576	251,316	443,753	2,435,414	809,721	1,916,174	2,083,711
Department of Homeland Security	76,466	20,108	5,686	2,574	0	8,624	0	0	21,583	17,890
Coast Guard	2,243	563	3	0	0	0	0	0	1,678	0
Countering Weapons of Mass Destruction Office	12,171	0	0	2,047	0	8,624	0	0	0	1,500
Science and Technology Directorate	61,803	19,295	5,684	527	0	0	0	0	19,906	16,391
Secret Service	250	250	0	0	0	0	0	0	0	0
Department of the Interior	44,230	0	25,233	17,128	0	646	282	0	941	0
Bureau of Land Management	1,587	0	0	1,587	0	0	0	0	0	0

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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
Bureau of Safety and Environmental Enforcement	826	0	0	0	0	646	0	0	180	0
Geological Survey	41,817	0	25,233	15,541	0	0	282	0	761	0
Department of Justice	17,392	0	0	0	0	0	0	17,392	0	0
Office of Justice Programs	17,392	0	0	0	0	0	0	17,392	0	0
Department of State	6,079	0	0	0	0	0	0	6,079	0	0
Department of Transportation	37,603	0	0	0	0	1,060	0	0	36,543	0
Federal Motor Carrier Safety Administration	848	0	0	0	0	848	0	0	0	0
Office of the Secretary of Transportation	36,543	0	0	0	0	0	0	0	36,543	0
Pipeline and Hazardous Materials Safety Administration	211	0	0	0	0	211	0	0	0	0
Department of Veterans Affairs	842,419	0	0	842,419	0	0	0	0	0	0
Other agencies										
Agency for International Development	2,909	0	0	0	0	0	0	0	0	2,909
National Aeronautics and Space Administration	4,798,144	0	1,701,845	32,540	0	2,879,871	0	0	76,975	106,913
National Science Foundation	6,305,376	816,831	1,055,723	773,864	269,097	1,382,314	34,690	205,466	723,264	1,044,127
Smithsonian Institution	242,000	0	26,233	78,996	0	45,080	0	27,052	50,550	14,090

* = amount greater than \$0 but less than \$500.

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. 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, FYs 2023–24.