

Table 29. Federal obligations for basic research, by agency and field of R&D: FY 2024

(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	47,493,585	3,892,726	3,494,035	17,606,212	585,476	9,446,936	2,661,016	1,330,958	3,928,766	4,547,461
Departments										
Department of Agriculture	1,555,396	30,188	16,346	1,255,415	3,727	77,880	200	50,074	83,253	38,312
Agricultural Research Service	893,724	1,162	3,932	821,064	0	57,377	0	2,145	8,044	0
Animal and Plant Health Inspection Service	11,486	0	0	11,486	0	0	0	0	0	0
Forest Service	108,711	0	3,427	83,077	0	4,604	0	12,370	5,234	0
National Institute of Food and Agriculture	541,111	29,026	8,987	339,425	3,727	15,899	200	35,559	69,976	38,312
Natural Resources Conservation Service	363	0	0	363	0	0	0	0	0	0
Department of Commerce	355,423	11,042	18	22,274	3,149	228,245	0	0	90,695	0
National Institute of Standards and Technology	355,423	11,042	18	22,274	3,149	228,245	0	0	90,695	0
Department of Defense	4,692,643	2,164,016	167,053	269,125	74,078	258,687	37,218	21,315	889,231	811,920
Defense Advanced Research Projects Agency	352,404	175,131	0	65,188	12,744	34,739	5,585	0	51,942	7,075
Defense Health Agency	49,239	0	0	46,516	0	0	0	0	0	2,723
Department of the Air Force	2,715,829	1,782,749	225	1,294	785	7,742	87	593	451,394	470,960
Air Force	2,684,428	1,752,962	225	1,294	785	7,742	87	593	451,394	469,345
Space Force	31,402	29,786	0	0	0	0	0	0	0	1,615
Department of the Army	524,159	82,205	5,759	121,296	13,355	45,355	21,120	2,819	49,077	183,174
Department of the Navy	684,855	52,766	152,474	23,631	13,098	114,084	5,416	4,020	174,025	145,341
Other defense agencies	366,157	71,166	8,595	11,201	34,095	56,767	5,009	13,883	162,793	2,648
Department of Education	28,226	0	0	0	0	0	0	0	0	28,226
Department of Energy	6,681,089	937,196	292,392	602,190	65,990	4,207,486	0	0	36,252	539,582
Electricity Delivery and Energy Reliability	15,247	0	0	0	0	0	0	0	15,247	0
National Nuclear Security Administration	127,872	1,520	1,933	684	6,374	110,923	0	0	488	5,950
Office of Defense Nuclear Nonproliferation	127,872	1,520	1,933	684	6,374	110,923	0	0	488	5,950
Office of Science	6,537,971	935,676	290,460	601,506	59,616	4,096,563	0	0	20,518	533,632
Department of Health and Human Services	22,794,933	0	439,872	13,862,089	197,644	729,506	2,592,302	1,020,380	2,005,806	1,947,334
Centers for Disease Control and Prevention	84,553	0	657	72,449	0	1,152	123	0	10,172	0
Centers for Medicare and Medicaid Services	19,991	0	0	19,991	0	0	0	0	0	0

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Health Resources and Services Administration	34,305	0	0	31,343	0	0	0	0	0	2,962
National Institutes of Health	22,656,084	0	439,214	13,738,307	197,644	728,354	2,592,179	1,020,380	1,995,634	1,944,372
Department of Homeland Security	72,292	10,998	1,093	12,286	0	9,146	0	5,233	23,839	9,697
Countering Weapons of Mass Destruction Office	12,834	2,923	0	1,787	0	8,124	0	0	0	0
Science and Technology Directorate	59,208	7,825	1,093	10,499	0	1,022	0	5,233	23,839	9,697
Secret Service	250	250	0	0	0	0	0	0	0	0
Department of the Interior	43,857	0	25,807	16,985	0	46	281	0	739	0
Bureau of Land Management	2,036	0	0	2,036	0	0	0	0	0	0
Bureau of Safety and Environmental Enforcement	1,267	0	1,221	0	0	46	0	0	0	0
Geological Survey	40,554	0	24,586	14,949	0	0	281	0	739	0
Department of Justice	14,069	0	0	969	0	0	0	13,099	0	0
Office of Justice Programs	14,069	0	0	969	0	0	0	13,099	0	0
Department of State	1,146	0	0	0	0	0	0	1,146	0	0
Department of Transportation	127,043	0	0	0	0	315	0	230	84,093	42,405
National Highway Traffic Safety Administration	44,482	0	0	0	0	0	0	0	22,017	22,464
Office of the Secretary of Transportation	75,813	0	0	0	0	0	0	0	56,980	18,833
Pipeline and Hazardous Materials Safety Administration	6,748	0	0	0	0	315	0	230	5,095	1,108
Department of Veterans Affairs	795,235	0	0	795,235	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	4,356,036	0	1,551,346	32,803	0	2,689,135	0	0	41,859	40,893
National Science Foundation	5,804,939	739,285	952,751	723,903	240,887	1,213,172	31,015	174,941	667,306	1,061,678
Smithsonian Institution	168,350	0	47,357	12,935	0	33,320	0	44,539	5,694	24,504

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. For additional notes associated with the agencies listed in this table, see technical table A-2 at <https://nces.nsf.gov/surveys/federal-funds-research-development/2024-2025#technical-tables>.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2024–25.