

Table 31. Federal obligations for applied research, by agency and performer: FY 2024

(Dollars in thousands)

Agency	Total	Intramural		Extramural				
				United States and U.S. territories				Non-U.S. performers
		Federal agencies ^a	FFRDCs	Businesses	Higher education ^b	Nonprofit organizations	State and local governments	
All agencies	52,062,246	14,417,151	5,167,761	8,334,624	18,456,109	4,849,333	528,602	308,665
Departments								
Department of Agriculture	1,643,281	926,838	0	19,396	650,045	27,530	15,387	4,084
Agricultural Marketing Service	14,628	0	0	0	4,134	250	10,244	0
Agricultural Research Service	714,979	600,888	0	0	101,140	9,200	88	3,663
Animal and Plant Health Inspection Service	22,331	19,842	0	20	1,980	329	161	0
Economic Research Service	90,612	89,757	0	0	160	695	0	0
Forest Service	156,672	131,366	0	299	18,652	1,761	4,174	421
National Agricultural Statistics Service	4,584	4,288	0	0	22	273	0	0
National Institute of Food and Agriculture	548,930	4,842	0	18,975	509,472	14,922	720	0
Natural Resources Conservation Service	90,545	75,855	0	103	14,487	100	0	0
Department of Commerce	1,578,983	1,096,729	23,292	59,512	375,409	17,765	5,848	428
Census Bureau	194,832	190,730	0	0	3,746	356	0	0
National Institute of Standards and Technology	617,003	455,920	23,291	28,649	100,438	6,329	1,963	414
National Oceanic and Atmospheric Administration	763,197	450,079	1	26,912	271,225	11,080	3,885	14
National Telecommunications and Information Administration	3,952	0	0	3,952	0	0	0	0
Department of Defense	8,494,073	3,479,549	761,587	2,566,760	1,266,424	375,696	1,956	42,102
Defense Advanced Research Projects Agency	1,457,228	98,454	86,605	903,629	293,908	63,116	0	11,515
Defense Health Agency	550,510	184,662	7,359	112,174	64,516	164,827	4	16,968
Department of the Air Force	2,357,143	1,964,225	51,200	10,684	246,071	84,088	376	500
Air Force	2,357,143	1,964,225	51,200	10,684	246,071	84,088	376	500
Department of the Army	1,525,156	528,544	26,882	750,004	214,048	5,153	0	524
Department of the Navy	1,362,151	444,008	8,256	447,126	401,581	51,360	76	9,744
Other defense agencies	1,241,885	259,655	581,285	343,143	46,299	7,152	1,500	2,851
Department of Education	323,055	0	0	24,320	169,394	103,015	26,325	0
Department of Energy	7,154,199	1,306,257	3,882,660	1,071,310	652,650	151,240	88,195	1,888
Advanced Research Projects Agency—Energy	248,211	541	25,563	123,474	87,130	11,502	0	0
Electricity Delivery and Energy Reliability	67,647	399	57,215	7,659	769	1,396	210	0
Energy Efficiency and Renewable Energy	1,496,665	10,010	844,895	351,145	205,227	67,400	17,988	0
Environmental Management	10,795	16	7,673	1,914	1,191	0	0	0
Fossil Energy	1,484,208	981,219	106,259	0	274,528	51,158	69,998	1,046
National Nuclear Security Administration	2,837,070	274,871	2,245,192	307,704	9,303	0	0	0
Defense Programs	2,530,526	273,138	2,101,268	148,308	7,811	0	0	0
Naval Nuclear Propulsion Program	150,900	0	180	150,720	0	0	0	0

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Office of Defense Nuclear Nonproliferation	155,644	1,732	143,744	8,676	1,492	0	0	0
Nuclear Energy	729,806	38,899	551,446	92,274	43,245	3,101	*	842
Office of Cybersecurity, Energy Security, and Emergency Response	104,361	76	44,417	11,929	31,256	16,682	0	0
Office of Science	175,438	227	0	175,211	0	0	0	0
Department of Health and Human Services	25,942,267	5,180,672	318,710	2,956,437	13,802,747	3,328,797	168,077	186,828
Administration for Children and Families	10,682	35	0	0	1,600	9,047	0	0
Administration for Community Living	112,987	0	0	3,785	76,469	31,734	1,000	0
Advanced Research Projects Agency for Health	1,039,001	33,957	32,661	346,694	555,339	64,100	0	6,250
Agency for Healthcare Research and Quality	337,445	46,928	0	144,403	115,908	30,111	95	0
Agency for Toxic Substances and Disease Registry	2,798	0	0	0	1,518	981	0	300
Biomedical Advanced Research and Development Authority	1,488,789	66,552	0	1,295,447	56,195	41,713	179	28,703
Centers for Disease Control and Prevention	278,964	31,893	0	10,219	143,571	26,870	52,133	14,278
Food and Drug Administration	732,711	474,672	0	9,271	90,790	81,155	71,300	5,523
Health Resources and Services Administration	51,808	2,321	0	0	42,855	4,572	2,060	0
National Institutes of Health	21,852,081	4,521,755	286,048	1,121,451	12,718,419	3,031,322	41,311	131,775
Office of the Secretary of Health and Human Services	35,000	2,559	0	25,167	82	7,192	0	0
Office of the Assistant Secretary for Planning and Evaluation	35,000	2,559	0	25,167	82	7,192	0	0
Department of Homeland Security	164,521	43,786	20,890	62,146	16,916	16,372	0	4,411
Coast Guard	7,439	2,208	0	5,160	58	0	0	13
Countering Weapons of Mass Destruction Office	24,778	6,607	985	15,609	1,577	0	0	0
Science and Technology Directorate	132,305	34,970	19,905	41,378	15,281	16,372	0	4,398
Department of the Interior	412,933	322,129	426	7,524	69,101	5,006	8,063	684
Bureau of Indian Affairs	5,000	0	0	0	0	0	5,000	0
Bureau of Land Management	14,718	7,845	0	260	4,066	2,470	77	0
Bureau of Reclamation	26,297	8,035	426	5,311	8,800	1,905	1,819	0
Bureau of Safety and Environmental Enforcement	7,449	3,017	0	1,054	2,694	0	0	684
Fish and Wildlife Service	48,000	48,000	0	0	0	0	0	0
Geological Survey	305,105	253,662	0	899	48,747	631	1,167	0
National Park Service	6,365	1,570	0	0	4,795	0	0	0
Department of Justice	109,374	5,874	0	10,091	39,181	53,303	925	0
Bureau of Prisons	1,960	1,035	0	0	0	0	925	0
Office of Justice Programs	107,414	4,839	0	10,091	39,181	53,303	0	0
Department of Labor	2,354	1,050	0	1,304	0	0	0	0

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Employee Benefits Security Administration	2,354	1,050	0	1,304	0	0	0	0
Department of State	21,779	21,779	0	0	0	0	0	0
Department of Transportation	754,609	123,619	18,550	243,070	147,231	38,115	179,260	4,765
Federal Aviation Administration	205,194	22,134	6,357	109,407	45,519	4,878	12,133	4,765
Federal Highway Administration	394,977	67,997	2,039	76,324	73,363	24,180	151,073	0
Federal Motor Carrier Safety Administration	10,853	3,400	250	6,779	0	424	0	0
Federal Railroad Administration	28,788	7,772	0	8,787	7,305	4,925	0	0
Federal Transit Administration	37,501	9,924	0	0	10,425	1,098	16,053	0
National Highway Traffic Safety Administration	63,205	9,328	8,925	37,511	6,719	722	0	0
Pipeline and Hazardous Materials Safety Administration	14,090	3,064	978	4,263	3,899	1,887	0	0
Department of the Treasury	121	0	0	121	0	0	0	0
Mint	121	0	0	121	0	0	0	0
Department of Veterans Affairs	1,037,952	1,037,952	0	0	0	0	0	0
Other agencies								
Agency for Global Media	9,449	2,916	0	6,534	0	0	0	0
Agency for International Development	196,662	18,504	0	6,642	99,289	15,543	0	56,684
Appalachian Regional Commission	1,190	0	0	713	325	152	0	0
Consumer Product Safety Commission	47	47	0	0	0	0	0	0
Environmental Protection Agency	414,880	232,343	848	124,135	48,450	9,083	0	21
Federal Trade Commission	834	834	0	0	0	0	0	0
National Aeronautics and Space Administration	1,805,165	535,786	108,004	899,687	231,533	25,168	337	4,652
National Science Foundation	1,190,286	29,075	0	217,775	849,683	70,174	23,172	406
Nuclear Regulatory Commission	72,668	1,984	32,795	13,296	22,882	0	0	1,712
Patient-Centered Outcomes Research Trust Fund	605,450	0	0	0	0	605,450	0	0
Postal Service	4,918	0	0	4,918	0	0	0	0
RESTORE Act Centers of Excellence Research Grants Program	6,556	0	0	0	0	0	6,556	0
Social Security Administration	96,639	49,434	0	22,372	14,849	5,485	4,500	0
Tennessee Valley Authority	18,000	0	0	16,560	0	1,440	0	0

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

FFRDC = federally funded research and development center.

^a Federal agencies' activities cover costs associated with the administration of federal R&D performance and R&D procurements from nonfederal performers by federal personnel, transfers of funds to other federal agencies for purposes related to R&D, and actual federal performance.

^b Higher education includes both public and private institutions as well as University Affiliated Research Centers.

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.