

Table 34. Federal obligations for applied 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	52,062,246	2,771,181	2,198,576	21,015,375	279,898	3,312,084	2,625,250	1,806,558	13,622,322	4,431,002
Departments										
Department of Agriculture	1,643,281	15,805	15,104	1,230,116	8,043	63,307	5,353	166,221	59,190	80,143
Agricultural Marketing Service	14,628	0	0	14,628	0	0	0	0	0	0
Agricultural Research Service	714,979	929	3,146	656,851	0	45,902	0	1,716	6,435	0
Animal and Plant Health Inspection Service	22,331	0	0	22,331	0	0	0	0	0	0
Economic Research Service	90,612	0	0	0	0	0	0	90,612	0	0
Forest Service	156,672	0	2,236	121,367	0	2,787	0	25,354	4,927	0
National Agricultural Statistics Service	4,584	0	0	0	4,584	0	0	0	0	0
National Institute of Food and Agriculture	548,930	14,875	9,721	324,393	3,459	14,618	5,353	48,540	47,828	80,143
Natural Resources Conservation Service	90,545	0	0	90,545	0	0	0	0	0	0
Department of Commerce	1,578,983	222,205	651,157	80,255	16,616	94,483	15	186,774	312,690	14,789
Census Bureau	194,832	10,675	0	0	15,256	0	15	168,821	0	65
National Institute of Standards and Technology	617,003	207,335	12,006	32,556	1,151	65,330	0	374	298,251	0
National Oceanic and Atmospheric Administration	763,197	4,195	639,151	47,699	210	29,153	0	17,579	10,487	14,724
National Telecommunications and Information Administration	3,952	0	0	0	0	0	0	0	3,952	0
Department of Defense	8,494,073	1,255,515	405,520	1,103,774	47,076	364,192	68,036	31,095	4,223,643	995,222
Defense Advanced Research Projects Agency	1,457,228	761,219	20,896	147,496	0	98,270	5,206	27,180	312,260	84,701
Defense Health Agency	550,510	0	0	548,704	0	0	1,435	0	0	371
Department of the Air Force	2,357,143	1,710	0	22	30	1,127	*	*	1,887,114	467,141
Air Force	2,357,143	1,710	0	22	30	1,127	*	*	1,887,114	467,141
Department of the Army	1,525,156	146,091	9,231	231,546	37,685	4,934	55,667	0	700,012	339,989
Department of the Navy	1,362,151	129,143	375,170	30,307	650	92,405	5,487	770	682,985	45,234
Other defense agencies	1,241,885	217,352	224	145,698	8,711	167,456	240	3,146	641,272	57,786
Department of Education	323,055	0	0	0	0	0	0	0	0	323,055
Department of Energy	7,154,199	768,892	158,844	7,069	8,134	1,710,905	0	0	4,496,648	3,707
Advanced Research Projects Agency –Energy	248,211	11,778	284	7,023	0	27,032	0	0	202,094	0
Electricity Delivery and Energy Reliability	67,647	0	0	0	0	0	0	0	67,647	0

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Energy Efficiency and Renewable Energy	1,496,665	0	0	0	0	0	0	0	1,496,665	0
Environmental Management	10,795	0	10,795	0	0	0	0	0	0	0
Fossil Energy	1,484,208	0	141,000	0	0	235,989	0	0	1,107,219	0
National Nuclear Security Administration	2,837,070	652,753	4,590	46	8,134	1,435,528	0	0	736,018	0
Defense Programs	2,530,526	638,310	0	0	0	1,315,758	0	0	576,458	0
Naval Nuclear Propulsion Program	150,900	0	0	0	0	0	0	0	150,900	0
Office of Defense Nuclear Nonproliferation	155,644	14,444	4,590	46	8,134	119,771	0	0	8,659	0
Nuclear Energy	729,806	0	0	0	0	0	0	0	729,806	0
Office of Cybersecurity, Energy Security, and Emergency Response	104,361	104,361	0	0	0	0	0	0	0	0
Office of Science	175,438	0	2,175	0	0	12,355	0	0	157,200	3,707
Department of Health and Human Services	25,942,267	295,406	426,426	16,448,505	190,631	730,302	2,508,518	1,212,345	2,104,166	2,025,969
Administration for Children and Families	10,682	0	0	0	0	0	0	10,682	0	0
Administration for Community Living	112,987	0	0	0	0	0	0	112,987	0	0
Advanced Research Projects Agency for Health	1,039,001	246,031	0	553,346	0	27,232	0	0	164,521	47,871
Agency for Healthcare Research and Quality	337,445	49,189	0	192,974	0	0	7,799	20,813	803	65,867
Agency for Toxic Substances and Disease Registry	2,798	0	2,798	0	0	0	0	0	0	0
Biomedical Advanced Research and Development Authority	1,488,789	0	0	1,488,789	0	0	0	0	0	0
Centers for Disease Control and Prevention	278,964	186	0	180,315	0	564	529	48,693	14,028	34,651
Food and Drug Administration	732,711	0	0	732,711	0	0	0	0	0	0
Health Resources and Services Administration	51,808	0	0	49,599	0	0	0	0	0	2,209
National Institutes of Health	21,852,081	0	423,628	13,250,772	190,631	702,507	2,500,190	984,169	1,924,814	1,875,372
Office of the Secretary of Health and Human Services	35,000	0	0	0	0	0	0	35,000	0	0
Office of the Assistant Secretary for Planning and Evaluation	35,000	0	0	0	0	0	0	35,000	0	0
Department of Homeland Security	164,521	19,098	14,128	33,927	0	22,771	0	160	70,273	4,165
Coast Guard	7,439	256	0	220	0	2	0	0	6,757	203

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Countering Weapons of Mass Destruction Office	24,778	4,124	0	10,984	0	9,669	0	0	0	0
Science and Technology Directorate	132,305	14,717	14,128	22,723	0	13,099	0	160	63,516	3,962
Department of the Interior	412,933	0	116,866	249,394	0	5,667	0	10,683	30,073	250
Bureau of Indian Affairs	5,000	0	0	5,000	0	0	0	0	0	0
Bureau of Land Management	14,718	0	0	14,718	0	0	0	0	0	0
Bureau of Reclamation	26,297	0	0	3,084	0	0	0	0	23,213	0
Bureau of Safety and Environmental Enforcement	7,449	0	0	0	0	588	0	0	6,860	0
Fish and Wildlife Service	48,000	0	0	48,000	0	0	0	0	0	0
Geological Survey	305,105	0	116,866	172,477	0	5,078	0	10,683	0	0
National Park Service	6,365	0	0	6,115	0	0	0	0	0	250
Department of Justice	109,374	940	0	5,343	304	14,749	412	84,920	520	2,187
Bureau of Prisons	1,960	0	0	0	0	0	0	0	0	1,960
Office of Justice Programs	107,414	940	0	5,343	304	14,749	412	84,920	520	227
Department of Labor	2,354	0	0	0	0	0	0	2,354	0	0
Employee Benefits Security Administration	2,354	0	0	0	0	0	0	2,354	0	0
Department of State	21,779	0	0	21,779	0	0	0	0	0	0
Department of Transportation	754,609	11,235	16,262	5,879	5,402	11,832	42,917	0	628,717	32,366
Federal Aviation Administration	205,194	8,943	16,262	5,879	4,902	0	15,222	0	132,973	21,014
Federal Highway Administration	394,977	0	0	0	0	0	0	0	394,977	0
Federal Motor Carrier Safety Administration	10,853	0	0	0	0	10,853	0	0	0	0
Federal Railroad Administration	28,788	2,292	0	0	0	0	0	0	23,766	2,731
Federal Transit Administration	37,501	0	0	0	0	0	0	0	32,383	5,118
National Highway Traffic Safety Administration	63,205	0	0	0	0	0	27,696	0	33,220	2,290
Pipeline and Hazardous Materials Safety Administration	14,090	0	0	0	500	978	0	0	11,398	1,214
Department of the Treasury	121	0	0	0	0	0	0	0	121	0
Mint	121	0	0	0	0	0	0	0	121	0
Department of Veterans Affairs	1,037,952	0	0	1,037,952	0	0	0	0	0	0
Other agencies										
Agency for Global Media	9,449	0	0	0	0	0	0	9,449	0	0
Agency for International Development	196,662	0	0	0	0	0	0	0	0	196,662
Appalachian Regional Commission	1,190	0	0	0	0	0	0	1,190	0	0
Consumer Product Safety Commission	47	0	0	0	0	0	0	0	47	0
Environmental Protection Agency	414,880	5,683	170,997	163,904	3,155	9,906	0	2,397	58,839	0

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Federal Trade Commission	834	50	0	14	0	0	0	755	0	15
National Aeronautics and Space Administration	1,805,165	0	211,217	104	0	263,354	0	0	1,194,117	136,373
National Science Foundation	1,190,286	175,832	12,054	15,357	538	20,616	0	1,576	348,214	616,098
Nuclear Regulatory Commission	72,668	521	0	0	0	0	0	0	72,147	0
Patient-Centered Outcomes Research Trust Fund	605,450	0	0	605,450	0	0	0	0	0	0
Postal Service	4,918	0	0	0	0	0	0	0	4,918	0
RESTORE Act Centers of Excellence Research Grants Program	6,556	0	0	6,556	0	0	0	0	0	0
Social Security Administration	96,639	0	0	0	0	0	0	96,639	0	0
Tennessee Valley Authority	18,000	0	0	0	0	0	0	0	18,000	0

* = 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. For additional notes associated with the agencies listed in this table, see technical table A-2 at <https://ncses.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.