

TABLE 22

Preliminary federal obligations for research, by agency and performer: FY 2024

(Dollars in thousands)

Agency	Total	Intramural		Extramural				
		Federal agencies ^a	FFRDCs	United States and U.S. territories				Non-U.S. performers
				Businesses	Higher education ^b	Nonprofit organizations	State and local governments	
All agencies	98,619,257	20,872,651	12,204,733	13,949,755	41,663,872	9,007,049	431,680	489,518
Departments								
Department of Agriculture	3,334,501	1,838,417	0	54,079	1,352,949	66,804	13,433	8,820
Agricultural Marketing Service	6,970	3,064	0	0	499	100	3,175	132
Agricultural Research Service	1,689,300	1,502,190	0	0	164,057	16,719	73	6,262
Animal and Plant Health Inspection Service	25,500	12,831	0	0	12,669	0	0	0
Economic Research Service	90,612	86,712	0	0	1,400	2,500	0	0
Forest Service	248,321	206,354	0	567	31,810	2,077	7,066	446
National Agricultural Statistics Service	6,243	5,763	0	0	184	295	0	0
National Institute of Food and Agriculture	1,250,000	11,515	0	53,483	1,135,192	45,112	2,719	1,979
Natural Resources Conservation Service	17,556	9,988	0	30	7,138	0	400	0
Department of Commerce	1,972,585	1,458,392	6,707	62,917	422,497	17,934	3,515	622
Census Bureau	175,167	175,167	0	0	0	0	0	0
National Institute of Standards and Technology	928,731	788,942	0	36,101	93,472	9,604	0	612
National Oceanic and Atmospheric Administration	856,482	482,078	6,707	26,816	329,025	8,330	3,515	10
National Telecommunications and Information Administration	12,205	12,205	0	0	0	0	0	0
Department of Defense	11,834,263	2,739,407	682,651	4,068,789	3,299,249	952,921	3,141	88,105
Defense Advanced Research Projects Agency	2,160,221	108,253	81,528	1,233,545	574,304	139,431	1,526	21,634
Defense Health Agency	307,681	93,163	5,179	100,570	39,456	65,313	0	4,000
Department of the Air Force	3,649,832	1,229,038	54,369	798,839	990,596	550,000	173	26,819
Department of the Army	2,259,604	264,133	56,816	1,254,019	580,735	94,025	0	9,877
Department of the Navy	1,904,001	678,732	16,416	285,276	830,749	67,978	1,443	23,407
Other defense agencies	1,552,924	366,087	468,342	396,541	283,410	36,174	0	2,370
Department of Education	317,038	0	0	21,164	148,039	110,284	37,551	0
Department of Energy	12,405,891	1,403,223	8,846,815	931,833	1,102,303	70,947	50,111	659
Advanced Research Projects Agency—Energy	230,000	3,884	23,687	114,415	80,738	7,276	0	0
Electricity Delivery and Energy Reliability	87,578	2,006	63,021	10,150	6,008	6,122	271	0
Energy Efficiency and Renewable Energy	979,915	6,532	553,202	221,732	164,331	26,001	8,117	0
Environmental Management	12,728	0	10,309	2,291	0	127	0	0
Fossil Energy	999,631	828,232	88,895	0	63,497	12,945	5,792	270
National Nuclear Security Administration	2,792,886	257,575	2,060,936	364,784	103,241	6,351	0	0
Defense Programs	2,363,145	256,294	1,807,816	201,500	91,184	6,351	0	0
Naval Nuclear Propulsion Program	150,900	0	184	150,716	0	0	0	0
Office of Defense Nuclear Nonproliferation	278,841	1,280	252,936	12,568	12,057	0	0	0

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Nuclear Energy	648,506	48,417	496,216	101,287	1,404	794	0	389
Office of Cybersecurity, Energy Security, and Emergency Response	162,028	3,750	90,778	48,000	19,500	0	0	0
Office of Science	6,492,620	252,829	5,459,771	69,174	663,584	11,332	35,930	0
Department of Health and Human Services	49,406,116	9,032,320	948,995	4,966,554	27,383,514	6,577,496	204,123	293,113
Administration for Children and Families	6,882	35	0	0	3,350	3,497	0	0
Administration for Community Living	112,658	0	0	5,065	80,625	26,500	468	0
Advanced Research Projects Agency for Health	1,515,995	22,500	40,170	494,875	915,091	43,358	0	0
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	5,891	0	0	0	2,920	981	1,991	0
Biomedical Advanced Research and Development Authority	1,925,740	87,768	0	1,811,529	23,120	3,144	179	0
Centers for Disease Control and Prevention	391,692	55,619	0	28,028	217,331	43,041	27,381	20,292
Centers for Medicare and Medicaid Services	35,622	15,252	0	17,853	2,477	41	0	0
Food and Drug Administration	706,883	434,793	0	9,723	87,125	99,461	69,217	6,565
Health Resources and Services Administration	79,305	3,102	0	716	73,130	1,607	750	0
National Institutes of Health	44,253,003	8,363,763	908,825	2,429,195	25,862,356	6,318,565	104,042	266,257
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	239,657	16,393	5,150	147,091	69,023	2,000	0	0
Coast Guard	7,476	0	0	7,476	0	0	0	0
Countering Weapons of Mass Destruction Office	37,615	0	3,000	23,615	11,000	0	0	0
Cybersecurity and Infrastructure Security Agency	1,216	793	0	0	423	0	0	0
Science and Technology Directorate	193,000	15,500	1,900	116,000	57,600	2,000	0	0
Secret Service	350	100	250	0	0	0	0	0
Department of the Interior	466,648	373,405	215	9,630	70,665	4,407	8,172	153
Bureau of Indian Affairs	5,000	0	0	0	0	0	5,000	0
Bureau of Land Management	9,768	3,869	6	102	4,022	1,597	172	0
Bureau of Reclamation	26,297	13,387	209	3,636	6,177	1,023	1,865	0
Bureau of Safety and Environmental Enforcement	7,552	1,049	0	4,314	2,036	0	0	153
Fish and Wildlife Service	48,000	48,000	0	0	0	0	0	0
Geological Survey	365,011	305,092	0	1,578	56,423	784	1,135	0
National Park Service	5,020	2,008	0	0	2,008	1,004	0	0
Department of Justice	112,302	2,589	0	14,796	51,324	39,666	3,927	0
Bureau of Prisons	1	1	0	0	0	0	*	0
Federal Bureau of Investigation	6,078	0	0	6,078	0	0	0	0

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Office of Justice Programs	106,222	2,588	0	8,718	51,324	39,666	3,927	0
Department of Labor	2,419	1,113	0	1,306	0	0	0	0
Employee Benefits Security Administration	2,419	1,113	0	1,306	0	0	0	0
Department of State	22,925	22,925	0	0	0	0	0	0
Department of Transportation	915,111	220,292	12,644	405,496	157,107	35,525	82,257	1,790
Federal Aviation Administration	241,094	29,163	7,920	125,306	51,396	5,345	20,174	1,790
Federal Highway Administration	402,255	92,499	0	175,677	65,079	8,912	60,088	0
Federal Motor Carrier Safety Administration	12,000	6,800	800	4,300	0	100	0	0
Federal Railroad Administration	46,764	7,944	608	28,332	5,939	3,396	545	0
Federal Transit Administration	5,799	1,450	0	0	1,450	1,450	1,450	0
National Highway Traffic Safety Administration	108,577	872	2,316	59,394	31,244	14,750	0	0
Office of the Secretary of Transportation	80,644	74,819	0	5,825	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	17,979	6,745	1,000	6,663	2,000	1,571	0	0
Department of Veterans Affairs	1,915,366	1,915,366	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	199,571	18,504	0	7,013	100,644	16,076	0	57,334
Appalachian Regional Commission	369	0	0	18	325	26	0	0
Consumer Product Safety Commission	47	47	0	0	0	0	0	0
Environmental Protection Agency	414,945	232,343	0	125,049	48,435	9,118	0	0
Federal Trade Commission	10,381	10,381	0	0	0	0	0	0
Library of Congress	562	562	0	0	0	0	0	0
National Aeronautics and Space Administration	7,181,362	1,163,288	1,341,217	2,559,718	1,886,004	205,158	2,946	23,031
National Science Foundation	6,883,083	104,185	338,742	491,470	5,560,332	350,986	21,504	15,864
Nuclear Regulatory Commission	45,713	10,410	21,597	13,680	0	0	0	25
Patient-Centered Outcomes Research Trust Fund	542,680	0	0	0	0	542,680	0	0
Postal Service	6,479	0	0	6,479	0	0	0	0
RESTORE Act Centers of Excellence Research Grants Program	1,000	0	0	0	0	0	1,000	0
Smithsonian Institution	254,100	254,100	0	0	0	0	0	0
Social Security Administration	110,695	52,075	0	43,259	11,461	3,900	0	0
Tennessee Valley Authority	14,000	0	0	12,880	0	1,120	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. 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.