

TABLE 32

Preliminary federal obligations for applied 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	51,146,662	12,751,646	4,444,962	9,967,048	18,572,923	4,838,064	313,290	258,729
Departments								
Department of Agriculture	1,676,893	913,690	0	26,928	687,560	35,451	9,112	4,151
Agricultural Marketing Service	6,970	3,064	0	0	499	100	3,175	132
Agricultural Research Service	750,800	667,640	0	0	72,914	7,431	32	2,783
Economic Research Service	90,612	86,712	0	0	1,400	2,500	0	0
Forest Service	162,205	135,393	0	317	19,761	1,866	4,422	446
National Agricultural Statistics Service	6,243	5,763	0	0	184	295	0	0
National Institute of Food and Agriculture	650,000	5,130	0	26,611	592,727	23,259	1,483	790
Natural Resources Conservation Service	10,063	9,988	0	0	75	0	0	0
Department of Commerce	1,611,483	1,152,227	6,707	57,738	380,035	11,121	3,515	139
Census Bureau	175,167	175,167	0	0	0	0	0	0
National Institute of Standards and Technology	567,629	482,778	0	30,922	51,010	2,791	0	129
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	8,228,340	2,334,954	531,439	3,499,518	1,331,878	495,683	2,433	32,434
Defense Advanced Research Projects Agency	1,762,630	99,732	60,052	1,075,445	396,388	112,699	1,526	16,789
Defense Health Agency	260,381	75,304	4,102	82,468	37,451	57,056	0	4,000
Department of the Air Force	2,252,143	1,142,131	50,757	765,878	112,203	181,000	173	0
Department of the Army	1,712,491	256,232	20,476	1,051,162	307,852	75,397	0	1,372
Department of the Navy	1,201,392	468,712	14,797	247,528	401,648	57,699	734	10,273
Other defense agencies	1,039,304	292,843	381,254	277,036	76,337	11,834	0	0
Department of Education	281,326	0	0	20,761	121,113	103,455	35,996	0
Department of Energy	5,745,917	1,149,164	3,239,375	856,978	427,083	58,524	14,132	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	71,974	1,648	51,792	8,342	4,937	5,031	223	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	2,665,832	257,552	1,948,343	360,912	92,675	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	151,787	1,257	140,342	8,696	1,492	0	0	0
Nuclear Energy	648,506	48,417	496,216	101,287	1,404	794	0	389

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Office of Cybersecurity, Energy Security, and Emergency Response	137,331	2,900	66,931	48,000	19,500	0	0	0
Department of Health and Human Services	26,662,466	4,719,646	484,896	3,700,110	14,108,130	3,346,124	147,649	155,912
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	315,978	31,693	0	19,924	182,935	38,333	24,037	19,056
Food and Drug Administration	706,883	434,793	0	9,723	87,125	99,461	69,217	6,565
Health Resources and Services Administration	45,991	1,487	0	716	41,432	1,607	750	0
National Institutes of Health	21,654,002	4,091,882	444,726	1,188,708	12,655,542	3,091,940	50,912	130,291
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	166,064	8,793	4,900	142,848	7,523	2,000	0	0
Coast Guard	5,233	0	0	5,233	0	0	0	0
Countering Weapons of Mass Destruction Office	26,615	0	3,000	23,615	0	0	0	0
Cybersecurity and Infrastructure Security Agency	1,216	793	0	0	423	0	0	0
Science and Technology Directorate	133,000	8,000	1,900	114,000	7,100	2,000	0	0
Department of the Interior	423,687	332,636	215	8,643	70,130	3,889	8,172	2
Bureau of Indian Affairs	5,000	0	0	0	0	0	5,000	0
Bureau of Land Management	8,440	3,404	6	102	3,678	1,078	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	6,565	984	0	3,579	2,000	0	0	2
Fish and Wildlife Service	48,000	48,000	0	0	0	0	0	0
Geological Survey	324,365	264,854	0	1,325	56,267	784	1,135	0
National Park Service	5,020	2,008	0	0	2,008	1,004	0	0
Department of Justice	93,200	1,309	0	14,796	37,222	35,946	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
Office of Justice Programs	87,120	1,308	0	8,718	37,222	35,946	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	21,779	21,779	0	0	0	0	0	0

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Department of Transportation	889,083	194,964	12,344	405,196	157,107	35,425	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	11,000	6,500	500	4,000	0	0	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	56,275	50,450	0	5,825	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	17,319	6,085	1,000	6,663	2,000	1,571	0	0
Department of Veterans Affairs	1,133,582	1,133,582	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	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	1,769,978	458,661	143,488	809,969	301,579	49,995	226	6,061
National Science Foundation	1,087,464	1,891	0	207,715	784,052	88,064	4,870	872
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
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.