

TABLE 22

**Preliminary federal obligations for research, by agency and performer: FY 2023**

(Dollars in thousands)

Agency	Total	Intramural		Extramural				Non-U.S. performers
		Federal agencies <sup>a</sup>	FFRDCs	United States and U.S. territories				
				Businesses	Higher education <sup>b</sup>	Nonprofit organizations	State and local governments	
All agencies	99,480,903	22,913,186	12,865,470	11,541,852	41,529,097	9,257,095	849,857	524,347
Departments								
Department of Agriculture	3,221,199	1,865,020	0	40,272	1,255,774	45,356	10,366	4,412
Agricultural Marketing Service	9,455	9,443	0	0	12	0	0	0
Agricultural Research Service	1,672,200	1,497,499	0	0	155,453	15,068	60	4,119
Animal and Plant Health Inspection Service	26,244	18,697	0	0	7,547	0	0	0
Economic Research Service	92,612	86,001	0	0	4,309	2,301	0	0
Forest Service	254,115	217,112	0	450	29,000	2,818	4,500	235
National Agricultural Statistics Service	6,376	5,963	0	0	94	319	0	0
National Institute of Food and Agriculture	1,144,522	14,630	0	39,822	1,059,359	24,849	5,806	57
Natural Resources Conservation Service	15,675	15,675	0	0	0	0	0	0
Department of Commerce	2,066,269	1,525,643	18,971	57,794	435,398	24,944	2,354	1,164
Census Bureau	222,038	222,038	0	0	0	0	0	0
National Institute of Standards and Technology	916,280	781,456	13,257	32,410	78,237	9,530	230	1,160
National Oceanic and Atmospheric Administration	915,351	509,549	5,714	25,384	357,161	15,415	2,125	4
National Telecommunications and Information Administration	12,600	12,600	0	0	0	0	0	0
Department of Defense	11,933,040	4,260,247	928,935	3,048,973	2,980,628	615,385	20,409	78,462
Defense Advanced Research Projects Agency	2,194,436	120,443	122,126	1,131,955	619,876	174,251	556	25,228
Defense Health Agency	178,268	45,716	2,364	35,033	36,056	51,412	0	7,687
Department of the Air Force	3,027,176	2,135,493	48,584	35,593	595,733	201,071	10,703	0
Department of the Army	2,396,124	756,476	11,723	1,047,218	505,975	62,485	0	12,247
Department of the Navy	2,354,530	787,865	26,721	416,694	1,000,208	83,308	9,151	30,583
Space Force	156,391	97,282	11,652	47,457	0	0	0	0
Other defense agencies	1,626,115	316,972	705,766	335,022	222,780	42,857	0	2,717
Department of Education	263,846	0	0	18,167	130,916	85,866	28,898	0
Department of Energy	12,309,129	1,317,610	9,280,032	782,028	766,281	128,115	33,124	1,939
Advanced Research Projects Agency—Energy	235,000	1,092	28,750	110,746	85,479	8,933	0	0
Electricity Delivery and Energy Reliability	74,880	1,715	53,884	8,679	5,137	5,234	232	0
Energy Efficiency and Renewable Energy	724,182	6,971	448,391	137,381	83,683	45,994	1,761	0
Environmental Management	14,190	0	11,494	2,554	0	142	0	0
Fossil Energy	938,163	729,761	90,939	0	79,678	37,193	39	553

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National Nuclear Security Administration	2,988,434	410,267	2,132,945	338,610	98,107	8,505	0	0
Defense Programs	2,554,182	408,708	1,872,495	186,416	78,057	8,505	0	0
Naval Nuclear Propulsion Program	141,400	0	980	140,420	0	0	0	0
Office of Defense Nuclear Nonproliferation	292,852	1,559	259,470	11,774	20,050	0	0	0
Nuclear Energy	913,953	51,915	673,337	106,033	74,583	6,427	272	1,386
Office of Cybersecurity, Energy Security, and Emergency Response	45,490	0	33,445	0	12,045	0	0	0
Office of Science	6,374,837	115,889	5,806,847	78,025	327,569	15,687	30,820	0
Department of Health and Human Services	49,214,523	9,489,778	765,193	3,232,634	27,719,730	7,106,835	580,013	320,339
Administration for Children and Families	9,405	35	0	0	1,820	7,550	0	0
Administration for Community Living	112,862	0	0	3,299	89,109	20,022	432	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	11,777	0	0	0	7,529	2,500	1,250	498
Biomedical Advanced Research and Development Authority	817,834	143,362	0	483,869	41,760	136,694	0	12,148
Centers for Disease Control and Prevention	443,602	82,459	624	38,176	213,178	48,659	35,793	24,714
Centers for Medicare and Medicaid Services	427,487	0	0	8,326	2,123	8,563	408,475	0
Food and Drug Administration	629,764	445,118	0	15,831	92,240	64,760	3,165	8,650
Health Resources and Services Administration	45,498	2,294	0	2,373	40,830	0	0	0
National Institutes of Health	46,340,849	8,767,957	764,569	2,509,184	27,114,755	6,779,252	130,803	274,329
Office of the Secretary of Health and Human Services	38,000	1,625	0	27,172	478	8,725	0	0
Office of the Assistant Secretary for Planning and Evaluation	38,000	1,625	0	27,172	478	8,725	0	0
Department of Homeland Security	238,787	57,318	35,310	117,743	24,359	3,328	161	568
Coast Guard	2,243	0	0	2,243	0	0	0	0
Countering Weapons of Mass Destruction Office	39,004	5,000	9,000	13,000	12,004	0	0	0
Cybersecurity and Infrastructure Security Agency	4,290	3,868	0	0	422	0	0	0
Science and Technology Directorate	193,000	48,200	26,310	102,500	11,933	3,328	161	568

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Secret Service	250	250	0	0	0	0	0	0
Department of the Interior	877,468	766,188	0	21,835	65,647	7,020	16,429	348
Bureau of Indian Affairs	5,000	0	0	0	0	0	5,000	0
Bureau of Land Management	13,059	6,728	0	203	3,885	2,183	60	0
Bureau of Ocean Energy Management	71,666	55,800	0	6,718	4,036	3,867	1,027	218
Bureau of Reclamation	27,922	20,130	0	5,195	1,818	0	649	130
Bureau of Safety and Environmental Enforcement	15,003	1,870	0	8,757	4,376	0	0	0
Fish and Wildlife Service	44,411	44,411	0	0	0	0	0	0
Geological Survey	673,185	623,638	0	962	37,921	971	9,693	0
National Park Service	27,222	13,611	0	0	13,611	0	0	0
Department of Justice	124,365	3,485	0	25,160	53,506	41,612	602	0
Bureau of Prisons	1	1	0	0	0	0	0	0
Federal Bureau of Investigation	20,549	0	0	20,549	0	0	0	0
Office of Justice Programs	103,814	3,484	0	4,611	53,506	41,612	602	0
Department of Labor	4,066	2,936	0	1,130	0	0	0	0
Employee Benefits Security Administration	2,244	1,114	0	1,130	0	0	0	0
Occupational Safety and Health Administration	1,822	1,822	0	0	0	0	0	0
Department of State	40,000	40,000	0	0	0	0	0	0
Department of Transportation	960,304	209,027	7,434	291,174	293,911	42,058	114,226	2,473
Federal Aviation Administration	255,833	62,705	3,575	114,055	65,728	7,530	0	2,240
Federal Highway Administration	435,999	67,695	1,959	83,805	179,783	12,531	90,226	0
Federal Motor Carrier Safety Administration	12,000	5,000	1,500	4,000	0	1,500	0	0
Federal Railroad Administration	39,550	10,779	0	15,254	7,674	5,609	0	233
Federal Transit Administration	48,000	12,000	0	0	12,000	0	24,000	0
National Highway Traffic Safety Administration	95,500	0	0	58,307	25,225	11,968	0	0
Office of the Secretary of Transportation	51,443	45,279	0	6,164	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	21,979	5,569	400	9,590	3,500	2,920	0	0
Department of the Treasury	48,012	3,238	7,700	14,552	0	500	0	22,022
Bureau of Engraving and Printing	48,012	3,238	7,700	14,552	0	500	0	22,022
Department of Veterans Affairs	1,836,641	1,836,641	0	0	0	0	0	0
Other agencies								
Agency for Global Media	7,917	748	0	7,170	0	0	0	0

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Agency for International Development	152,853	18,441	0	8,296	32,549	30,635	0	62,932
Appalachian Regional Commission	827	0	0	435	0	392	0	0
Consumer Product Safety Commission	374	374	0	0	0	0	0	0
Environmental Protection Agency	444,513	222,552	0	141,044	64,930	15,986	0	0
Federal Trade Commission	10,465	10,465	0	0	0	0	0	0
Library of Congress	495	495	0	0	0	0	0	0
National Aeronautics and Space Administration	6,830,700	956,298	1,434,447	3,073,815	1,229,526	136,614	0	0
National Science Foundation	7,854,096	30,134	343,758	588,507	6,445,932	400,749	20,277	24,738
Nuclear Regulatory Commission	82,729	1,399	43,689	11,682	21,009	0	0	4,950
Patient-Centered Outcomes Research Trust Fund	560,397	0	0	0	0	560,397	0	0
Postal Service	13,620	0	0	13,620	0	0	0	0
RESTORE Act Centers of Excellence Research Grants Program	22,996	0	0	0	0	0	22,996	0
Smithsonian Institution	242,000	242,000	0	0	0	0	0	0
Social Security Administration	106,316	53,147	0	33,903	9,000	10,266	0	0
Tennessee Valley Authority	12,955	0	0	11,919	0	1,036	0	0

FFRDC = federally funded research and development center.

<sup>a</sup> 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.

<sup>b</sup> 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 2022–23.