

TABLE 21

## Federal obligations for research, by agency and performer: FY 2023

(Dollars in thousands)

Agency	Total	Intramural		Extramural				
		Federal agencies <sup>a</sup>	FFRDCs	United States and U.S. territories				Non-U.S. performers
				Businesses	Higher education <sup>b</sup>	Nonprofit organizations	State and local governments	
All agencies	101,608,036	20,398,721	11,575,108	17,148,831	41,779,688	9,573,829	584,050	547,810
Departments								
Department of Agriculture	3,224,710	1,662,547	0	55,132	1,424,909	57,815	13,464	10,843
Agricultural Marketing Service	6,638	3,133	0	0	399	0	3,075	32
Agricultural Research Service	1,569,814	1,320,334	0	0	218,917	22,118	97	8,349
Animal and Plant Health Inspection Service	25,463	13,035	0	0	12,429	0	0	0
Economic Research Service	92,612	86,347	0	25	2,798	3,442	0	0
Forest Service	254,115	211,332	0	567	32,627	2,077	7,066	446
National Agricultural Statistics Service	6,255	5,785	0	0	152	319	0	0
National Institute of Food and Agriculture	1,248,935	12,070	0	54,466	1,147,308	29,858	3,217	2,016
Natural Resources Conservation Service	20,877	10,512	0	75	10,280	0	10	0
Department of Commerce	1,879,411	1,339,358	8,040	56,255	456,129	16,955	2,146	529
Census Bureau	151,257	151,257	0	0	0	0	0	0
National Institute of Standards and Technology	808,741	688,071	0	32,145	80,569	7,434	0	523
National Oceanic and Atmospheric Administration	908,572	489,189	8,040	24,110	375,560	9,521	2,146	6
National Telecommunications and Information Administration	10,842	10,842	0	0	0	0	0	0
Department of Defense	11,577,947	2,705,624	661,393	3,918,119	3,264,850	935,170	2,895	89,895
Defense Advanced Research Projects Agency	1,907,755	91,629	74,254	1,065,364	532,344	123,508	1,250	19,406
Defense Health Agency	309,860	86,067	4,758	106,747	41,622	65,682	0	4,983
Department of the Air Force	3,614,554	1,218,891	45,701	790,320	982,183	550,746	171	26,542
Department of the Army	2,165,195	242,588	58,677	1,182,729	582,431	88,159	0	10,610
Department of the Navy	1,945,628	693,781	16,774	291,370	848,852	67,366	1,474	26,010
Other defense agencies	1,634,955	372,668	461,230	481,588	277,417	39,708	0	2,344
Department of Education	282,943	0	0	20,245	136,227	84,444	42,028	0
Department of Energy	12,573,696	1,161,258	8,226,119	1,247,180	1,730,856	130,704	75,570	2,009
Advanced Research Projects Agency—Energy	235,264	3,973	24,229	117,034	82,586	7,442	0	0
Electricity Delivery and Energy Reliability	61,456	363	54,685	811	4,695	712	191	0
Energy Efficiency and Renewable Energy	1,232,081	8,240	695,533	289,069	201,163	23,269	14,808	0
Environmental Management	12,249	7	11,009	1,233	0	0	0	0
Fossil Energy	1,012,156	646,562	93,379	0	162,936	80,664	28,202	414
National Nuclear Security Administration	2,787,879	241,070	2,214,782	299,763	32,265	0	0	0
Defense Programs	2,358,963	239,511	1,959,376	147,861	12,215	0	0	0
Naval Nuclear Propulsion Program	141,400	0	320	141,080	0	0	0	0
Office of Defense Nuclear Nonproliferation	287,516	1,559	255,086	10,822	20,050	0	0	0

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Nuclear Energy	636,181	36,917	478,818	75,148	38,637	3,461	1,873	1,327
Office of Cybersecurity, Energy Security, and Emergency Response	105,711	2,144	96,207	3,099	2,130	2,130	0	0
Office of Science	6,490,719	221,983	4,557,478	461,022	1,206,444	13,026	30,497	268
Department of Health and Human Services	52,481,292	9,233,998	921,201	8,243,492	26,485,331	7,049,739	204,221	343,312
Administration for Children and Families	6,766	35	0	0	1,820	4,911	0	0
Administration for Community Living	112,533	0	0	6,228	79,749	26,124	432	0
Advanced Research Projects Agency for Health	794,246	0	0	332,088	413,892	48,267	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	18,556	0	0	0	10,832	4,981	2,250	494
Biomedical Advanced Research and Development Authority	5,913,137	186,795	0	5,198,330	117,358	367,329	0	43,325
Centers for Disease Control and Prevention	443,892	64,903	0	47,595	228,475	54,190	25,712	23,017
Centers for Medicare and Medicaid Services	34,924	14,953	0	17,503	2,428	40	0	0
Food and Drug Administration	710,003	436,712	0	9,766	87,510	99,900	69,522	6,594
Health Resources and Services Administration	81,132	3,509	0	716	73,903	2,255	750	0
National Institutes of Health	43,994,460	8,477,663	921,201	2,462,274	25,353,376	6,404,606	105,459	269,883
Office of the Secretary of Health and Human Services	34,196	2,500	0	24,589	80	7,027	0	0
Office of the Assistant Secretary for Planning and Evaluation	34,196	2,500	0	24,589	80	7,027	0	0
Department of Homeland Security	256,248	116,815	7,060	92,730	35,484	584	2,756	818
Coast Guard	7,476	0	0	7,476	0	0	0	0
Countering Weapons of Mass Destruction Office	38,450	0	3,358	22,922	12,171	0	0	0
Cybersecurity and Infrastructure Security Agency	3,071	1,368	1,280	0	423	0	0	0
Science and Technology Directorate	207,001	115,447	2,172	62,332	22,891	584	2,756	818
Secret Service	250	0	250	0	0	0	0	0
Department of the Interior	474,698	378,794	222	8,716	73,428	5,079	8,336	123
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 Reclamation	27,922	14,062	222	3,885	6,559	1,086	2,108	0
Bureau of Safety and Environmental Enforcement	7,171	1,115	0	3,005	2,928	0	0	123
Fish and Wildlife Service	41,000	41,000	0	0	0	0	0	0
Geological Survey	375,526	313,880	0	1,624	58,048	806	1,168	0
National Park Service	5,020	2,008	0	0	2,008	1,004	0	0
Department of Justice	102,125	2,881	0	19,255	45,344	31,076	3,570	0
Bureau of Prisons	2	1	0	0	0	0	*	0
Federal Bureau of Investigation	6,315	0	0	4,938	1,377	0	0	0

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Office of Justice Programs	95,808	2,880	0	14,316	43,967	31,076	3,570	0
Department of Labor	1,898	880	0	1,018	0	0	0	0
Employee Benefits Security Administration	1,898	880	0	1,018	0	0	0	0
Department of State	39,076	39,076	0	0	0	0	0	0
Department of Transportation	905,390	215,192	12,755	297,372	154,586	46,004	177,953	1,528
Federal Aviation Administration	231,338	26,593	7,185	123,997	48,979	4,562	18,496	1,528
Federal Highway Administration	392,264	63,828	830	80,924	67,650	21,769	157,263	0
Federal Motor Carrier Safety Administration	10,089	6,187	37	3,788	0	77	0	0
Federal Railroad Administration	45,847	7,789	596	27,777	5,822	3,330	534	0
Federal Transit Administration	6,034	1,053	0	0	1,661	1,661	1,661	0
National Highway Traffic Safety Administration	93,330	1,967	2,471	52,238	24,489	12,164	0	0
Office of the Secretary of Transportation	93,822	88,974	0	4,848	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	32,665	18,802	1,635	3,802	5,985	2,441	0	0
Department of Veterans Affairs	1,880,077	1,753,284	126,793	0	0	0	0	0
Other agencies								
Agency for Global Media	9,076	800	0	7,402	0	0	0	874
Agency for International Development	199,571	18,504	0	7,013	100,644	16,076	0	57,334
Appalachian Regional Commission	1,541	0	0	965	264	312	0	0
Consumer Product Safety Commission	374	374	0	0	0	0	0	0
Environmental Protection Agency	444,513	222,552	1,116	139,918	68,096	12,820	0	11
Federal Trade Commission	3,133	3,133	0	0	0	0	0	0
Library of Congress	495	495	0	0	0	0	0	0
National Aeronautics and Space Administration	6,792,898	1,141,684	1,223,707	2,464,290	1,743,114	195,559	2,666	21,878
National Science Foundation	7,490,087	108,759	353,613	513,305	6,048,071	427,331	22,448	16,561
Nuclear Regulatory Commission	47,200	1,650	33,090	8,979	715	671	0	2,095
Patient-Centered Outcomes Research Trust Fund	553,441	0	0	0	0	553,441	0	0
Postal Service	6,923	0	0	6,923	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	96,274	49,063	0	23,961	11,641	8,610	3,000	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.

<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 2023–24.