

TABLE 35

Preliminary federal obligations for applied research, by agency and field of R&D: FY 2023

(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	51,013,890	3,028,848	2,720,823	21,942,239	313,354	2,914,046	2,446,475	1,338,309	12,835,206	3,474,589
Departments										
Department of Agriculture	1,618,507	13,591	10,908	1,191,817	6,351	68,098	11,975	171,244	60,682	83,840
Agricultural Marketing Service	9,455	0	0	9,455	0	0	0	0	0	0
Agricultural Research Service	743,200	966	0	686,048	0	47,713	0	1,784	6,689	0
Economic Research Service	92,612	0	0	0	0	0	0	92,612	0	0
Forest Service	165,989	0	2,369	128,585	0	2,953	0	26,862	5,220	0
National Agricultural Statistics Service	6,376	6,376	0	0	0	0	0	0	0	0
National Institute of Food and Agriculture	600,874	6,249	8,538	367,729	6,351	17,431	11,975	49,987	48,773	83,840
Department of Commerce	1,755,115	281,790	757,118	88,630	12,070	103,460	0	160,109	312,862	39,074
Census Bureau	222,038	74,195	0	0	8,432	0	0	139,410	0	0
National Institute of Standards and Technology	605,126	202,463	10,194	26,376	1,102	70,253	0	5,012	287,704	2,021
National Oceanic and Atmospheric Administration	915,351	5,132	746,924	62,254	2,536	33,207	0	15,687	12,558	37,052
National Telecommunications and Information Administration	12,600	0	0	0	0	0	0	0	12,600	0
Department of Defense	8,391,914	1,594,027	493,762	809,519	50,794	265,815	75,251	29,054	4,454,801	618,890
Defense Advanced Research Projects Agency	1,677,011	913,382	97,501	186,257	0	72,890	3,050	17,824	360,196	25,910
Defense Health Agency	164,749	0	0	161,954	0	0	0	0	2,628	168
Department of the Air Force	2,032,976	27,331	0	8,980	122	16,568	1	2	1,971,022	8,950
Department of the Army	1,775,695	156,592	10,956	274,958	40,393	5,936	66,984	0	809,673	410,201
Department of the Navy	1,475,266	168,929	378,755	30,901	0	58,061	3,823	6,358	777,639	50,800
Space Force	101,354	0	0	0	0	0	0	0	101,354	0
Other defense agencies	1,164,863	327,793	6,549	146,470	10,278	112,360	1,392	4,871	432,290	122,861
Department of Education	235,979	0	0	0	0	0	0	0	0	235,979
Department of Energy	5,785,748	749,262	108,340	12,476	13,194	1,547,442	0	0	3,355,034	0
Advanced Research Projects Agency--Energy	235,000	7,141	959	12,476	0	27,478	0	0	186,945	0
Electricity Delivery and Energy Reliability	62,350	0	0	0	0	0	0	0	62,350	0
Energy Efficiency and Renewable Energy	724,182	0	0	0	0	0	0	0	724,182	0
Environmental Management	14,190	0	14,190	0	0	0	0	0	0	0
Fossil Energy	938,163	0	89,125	0	0	149,168	0	0	699,870	0
National Nuclear Security Administration	2,864,740	708,951	4,065	0	13,194	1,370,796	0	0	767,734	0
Defense Programs	2,554,182	694,538	0	0	0	1,237,149	0	0	622,495	0

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Naval Nuclear Propulsion Program	141,400	0	0	0	0	0	0	0	141,400	0
Office of Defense Nuclear Nonproliferation	169,158	14,413	4,065	0	13,194	133,647	0	0	3,840	0
Nuclear Energy	913,953	0	0	0	0	0	0	0	913,953	0
Office of Cybersecurity, Energy Security, and Emergency Response	33,170	33,170	0	0	0	0	0	0	0	0
Department of Health and Human Services	25,426,706	49,307	328,442	17,707,417	221,410	562,747	2,340,689	718,221	1,794,401	1,704,074
Administration for Children and Families	9,405	0	0	0	0	0	0	9,405	0	0
Administration for Community Living	112,862	0	0	0	0	0	0	112,862	0	0
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	11,777	0	11,777	0	0	0	0	0	0	0
Biomedical Advanced Research and Development Authority	817,834	0	0	817,834	0	0	0	0	0	0
Centers for Disease Control and Prevention	360,652	118	0	303,901	120	1,617	574	39,348	14,173	801
Food and Drug Administration	629,764	0	0	629,764	0	0	0	0	0	0
Health Resources and Services Administration	43,043	0	0	43,043	0	0	0	0	0	0
National Institutes of Health	23,065,925	0	316,665	15,719,902	221,290	561,130	2,332,315	497,792	1,779,425	1,637,406
Office of the Secretary of Health and Human Services	38,000	0	0	0	0	0	0	38,000	0	0
Office of the Assistant Secretary for Planning and Evaluation	38,000	0	0	0	0	0	0	38,000	0	0
Department of Homeland Security	169,286	42,110	10,003	11,700	0	31,003	0	0	45,471	29,000
Coast Guard	2,243	563	3	0	0	0	0	0	1,678	0
Countering Weapons of Mass Destruction Office	29,753	7,050	0	7,700	0	15,003	0	0	0	0
Cybersecurity and Infrastructure Security Agency	4,290	3,497	0	0	0	0	0	0	793	0
Science and Technology Directorate	133,000	31,000	10,000	4,000	0	16,000	0	0	43,000	29,000
Department of the Interior	776,253	5,974	608,333	81,949	0	6,449	0	31,519	39,569	2,460
Bureau of Indian Affairs	5,000	0	0	5,000	0	0	0	0	0	0
Bureau of Land Management	11,472	0	0	11,472	0	0	0	0	0	0
Bureau of Ocean Energy Management	71,666	5,974	43,958	0	0	4,253	0	15,021	0	2,460
Bureau of Reclamation	27,922	0	0	0	0	0	0	0	27,922	0

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Bureau of Safety and Environmental Enforcement	14,003	0	160	0	0	2,196	0	0	11,647	0
Fish and Wildlife Service	44,411	0	0	44,411	0	0	0	0	0	0
Geological Survey	574,557	0	564,215	10,342	0	0	0	0	0	0
National Park Service	27,222	0	0	10,724	0	0	0	16,498	0	0
Department of Justice	108,750	444	0	6,830	293	13,537	1,582	64,930	584	20,549
Bureau of Prisons	1	0	0	0	0	0	0	1	0	0
Federal Bureau of Investigation	20,549	0	0	0	0	0	0	0	0	20,549
Office of Justice Programs	88,199	444	0	6,830	293	13,537	1,582	64,929	584	0
Department of Labor	4,066	0	0	0	0	0	0	4,066	0	0
Employee Benefits Security Administration	2,244	0	0	0	0	0	0	2,244	0	0
Occupational Safety and Health Administration	1,822	0	0	0	0	0	0	1,822	0	0
Department of State	38,000	0	0	38,000	0	0	0	0	0	0
Department of Transportation	956,551	21,728	15,056	27,405	4,865	14,200	16,965	33,275	799,743	23,315
Federal Aviation Administration	255,833	12,570	15,056	7,621	4,865	0	16,965	0	178,805	19,952
Federal Highway Administration	435,999	0	0	0	0	0	0	0	435,999	0
Federal Motor Carrier Safety Administration	12,000	0	0	0	0	12,000	0	0	0	0
Federal Railroad Administration	39,550	0	0	0	0	0	0	0	39,550	0
Federal Transit Administration	48,000	3,000	0	0	0	0	0	15,000	28,000	2,000
National Highway Traffic Safety Administration	95,500	6,158	0	19,784	0	0	0	18,275	51,283	0
Office of the Secretary of Transportation	51,406	0	0	0	0	0	0	0	51,406	0
Pipeline and Hazardous Materials Safety Administration	18,263	0	0	0	0	2,200	0	0	14,700	1,363
Department of the Treasury	48,012	0	0	0	0	48,012	0	0	0	0
Bureau of Engraving and Printing	48,012	0	0	0	0	48,012	0	0	0	0
Department of Veterans Affairs	1,076,012	0	0	1,076,012	0	0	0	0	0	0
Other agencies										
Agency for Global Media	7,917	0	0	0	0	0	0	7,917	0	0
Agency for International Development	152,853	0	0	146,214	0	0	0	5,329	0	1,310
Appalachian Regional Commission	827	0	0	0	0	0	0	827	0	0
Consumer Product Safety Commission	374	0	0	0	0	0	0	0	374	0
Environmental Protection Agency	444,513	6,088	183,210	175,611	3,380	10,614	0	2,568	63,041	0
Federal Trade Commission	10,465	0	0	0	0	10,465	0	0	0	0

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Library of Congress	495	0	0	0	0	495	0	0	0	0
National Aeronautics and Space Administration	1,740,762	0	180,386	0	0	204,630	0	0	1,324,902	30,844
National Science Foundation	1,465,771	263,997	25,266	8,261	996	27,079	14	2,933	474,967	662,259
Nuclear Regulatory Commission	82,729	530	0	0	0	0	0	0	82,199	0
Patient-Centered Outcomes Research Trust Fund	560,397	0	0	560,397	0	0	0	0	0	0
Postal Service	13,620	0	0	0	0	0	0	0	13,620	0
RESTORE Act Centers of Excellence Research Grants Program	22,996	0	0	0	0	0	0	0	0	22,996
Social Security Administration	106,316	0	0	0	0	0	0	106,316	0	0
Tennessee Valley Authority	12,955	0	0	0	0	0	0	0	12,955	0

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.