

TABLE 25

Preliminary federal obligations for research, by agency and field of R&D: FY 2022

(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	88,464,235	5,876,825	6,051,877	38,511,237	732,546	11,112,001	3,775,941	1,449,146	13,860,763	7,093,900
Departments										
Department of Agriculture	3,017,477	33,439	38,158	2,289,693	11,675	124,789	15,660	230,978	125,974	147,110
Agricultural Marketing Service	7,484	0	0	7,484	0	0	0	0	0	0
Agricultural Research Service	1,439,100	1,871	0	1,328,433	0	92,390	0	3,454	12,952	0
Animal and Plant Health Inspection Service	23,363	0	0	23,363	0	0	0	0	0	0
Economic Research Service	90,389	0	0	0	0	0	0	90,389	0	0
Forest Service	289,864	0	5,382	226,453	0	6,202	0	42,194	9,632	*
National Agricultural Statistics Service	6,327	6,327	0	0	0	0	0	0	0	0
National Institute of Food and Agriculture	1,147,558	25,242	32,476	690,866	11,675	26,196	15,660	94,942	103,390	147,110
Natural Resources Conservation Service	13,393	0	300	13,093	0	0	0	0	0	0
Department of Commerce	1,760,243	201,766	668,036	104,460	13,187	303,663	*	100,956	327,521	40,615
Census Bureau	110,367	16,146	0	0	7,139	0	0	87,081	0	0
National Institute of Standards and Technology	817,126	181,051	8,405	40,274	3,763	273,973	*	399	308,980	240
National Oceanic and Atmospheric Administration	825,550	4,568	659,630	64,186	2,284	29,690	0	13,476	11,341	40,375
National Telecommunications and Information Administration	7,200	0	0	0	0	0	0	0	7,200	0
Department of Defense	10,377,359	2,822,519	613,831	1,166,868	33,651	606,299	119,925	39,853	3,734,924	1,239,488
Defense Advanced Research Projects Agency	1,996,794	1,046,489	73,015	309,333	4,007	81,305	22,723	186	349,285	110,451
Defense Health Agency	174,400	0	0	172,579	0	0	67	0	0	1,754
Department of the Air Force	2,421,989	217,574	0	104,116	0	307,967	300	12,994	1,635,112	143,926
Department of the Army	2,088,619	974,535	14,807	349,389	12,379	49,760	77,655	2,809	0	607,285
Department of the Navy	2,081,951	225,229	521,505	86,803	15,757	60,169	14,994	9,259	910,159	238,076
Space Force	76,353	0	0	0	0	0	0	0	76,353	0
Other defense agencies	1,537,252	358,691	4,505	144,648	1,508	107,099	4,186	14,605	764,015	137,995
Department of Education	293,433	0	0	0	0	0	0	0	0	293,433
Department of Energy	10,470,369	1,619,017	336,234	579,713	53,396	5,176,482	0	0	2,230,027	475,500
Advanced Research Projects Agency –Energy	225,000	21,888	2,262	37,489	0	0	0	0	163,362	0

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Electricity Delivery and Energy Reliability	67,762	0	0	0	0	0	0	0	67,762	0
Energy Efficiency and Renewable Energy	677,946	0	0	0	0	0	0	0	677,946	0
Environmental Management	11,550	0	0	0	0	0	0	0	0	11,550
Fossil Energy	736,176	0	69,937	0	0	117,052	0	0	549,187	0
National Nuclear Security Administration	2,526,955	668,235	5,983	1,520	2,538	1,401,732	0	0	440,947	6,000
Defense Programs	2,257,778	642,993	0	0	0	1,178,976	0	0	435,808	0
Office of Defense Nuclear Nonproliferation	269,177	25,242	5,983	1,520	2,538	222,756	0	0	5,138	6,000
Nuclear Energy	330,824	0	0	0	0	0	0	0	330,824	0
Office of Cybersecurity, Energy Security, and Emergency Response	98,751	98,751	0	0	0	0	0	0	0	0
Office of Science	5,795,405	830,142	258,053	540,704	50,858	3,657,698	0	0	0	457,950
Department of Health and Human Services	42,670,457	51,705	498,386	30,986,815	342,965	232,537	3,587,720	637,392	2,831,200	3,501,737
Administration for Children and Families	4,265	0	0	0	0	0	0	4,265	0	0
Administration for Community Living	110,863	0	0	0	0	0	0	110,863	0	0
Agency for Healthcare Research and Quality	314,345	49,189	0	172,974	0	0	7,799	20,813	803	62,767
Agency for Toxic Substances and Disease Registry	10,935	0	10,935	0	0	0	0	0	0	0
Centers for Disease Control and Prevention	648,587	2,516	0	534,567	452	3,764	1,025	41,513	38,224	26,526
Centers for Medicare and Medicaid Services	420,703	0	0	420,703	0	0	0	0	0	0
Food and Drug Administration	669,007	0	0	669,007	0	0	0	0	0	0
Health Resources and Services Administration	38,189	0	0	38,189	0	0	0	0	0	0
National Institutes of Health	40,436,064	0	487,451	29,151,377	342,513	228,773	3,578,896	459,939	2,792,173	3,394,944
Office of the Secretary of Health and Human Services	17,500	0	0	0	0	0	0	0	0	17,500
Office of the Assistant Secretary for Planning and Evaluation	17,500	0	0	0	0	0	0	0	0	17,500
Department of Homeland Security	315,700	85,627	11,645	10,711	0	20,319	0	0	107,060	80,338
Coast Guard	2,243	763	0	67	0	0	0	0	1,413	0

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Countering Weapons of Mass Destruction Office	30,955	7,719	0	10,644	0	12,593	0	0	0	0
Cybersecurity and Infrastructure Security Agency	3,502	2,709	0	0	0	0	0	0	793	0
Science and Technology Directorate	277,000	74,436	11,645	0	0	7,726	0	0	104,854	78,338
Transportation Security Administration	2,000	0	0	0	0	0	0	0	0	2,000
Department of the Interior	991,033	0	865,204	72,313	0	0	0	16,498	37,018	0
Bureau of Indian Affairs	4,000	0	0	4,000	0	0	0	0	0	0
Bureau of Land Management	10,583	0	0	10,583	0	0	0	0	0	0
Bureau of Ocean Energy Management	67,918	0	67,918	0	0	0	0	0	0	0
Bureau of Reclamation	21,500	0	0	0	0	0	0	0	21,500	0
Bureau of Safety and Environmental Enforcement	15,518	0	0	0	0	0	0	0	15,518	0
Fish and Wildlife Service	32,650	0	0	32,650	0	0	0	0	0	0
Geological Survey	811,642	0	797,286	14,356	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	82,297	2,148	474	3,395	396	6,220	0	58,979	5,078	5,605
Bureau of Prisons	*	0	0	0	0	0	0	*	0	0
Federal Bureau of Investigation	5,396	0	0	0	0	0	0	0	0	5,396
Office of Justice Programs	76,899	2,148	474	3,395	396	6,220	0	58,977	5,078	209
Department of Labor	3,803	0	0	0	0	0	0	3,803	0	0
Employee Benefits Security Administration	1,569	0	0	0	0	0	0	1,569	0	0
Occupational Safety and Health Administration	2,234	0	0	0	0	0	0	2,234	0	0
Department of State	47,000	0	0	45,000	0	0	0	2,000	0	0
Department of Transportation	812,341	16,566	16,160	18,397	5,167	19,048	18,187	12,518	700,266	6,033
Federal Aviation Administration	271,685	13,349	15,989	8,093	5,167	0	18,016	0	210,060	1,011
Federal Highway Administration	361,044	0	0	0	0	0	0	0	361,044	0
Federal Motor Carrier Safety Administration	15,000	*	0	0	0	14,990	0	0	0	0
Federal Railroad Administration	42,112	0	171	0	0	0	171	0	41,770	0
Federal Transit Administration	33,000	0	0	0	0	0	0	3,000	25,000	5,000
National Highway Traffic Safety Administration	50,000	3,207	0	10,304	0	0	0	9,518	26,971	0

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Office of the Secretary of Transportation	15,022	0	0	0	0	0	0	0	15,000	*
Pipeline and Hazardous Materials Safety Administration	24,479	0	0	0	0	4,058	0	0	20,421	0
Department of the Treasury	50,034	0	0	0	0	49,981	0	0	53	0
Bureau of Engraving and Printing	49,981	0	0	0	0	49,981	0	0	0	0
Mint	53	0	0	0	0	0	0	0	53	0
Department of Veterans Affairs	1,673,109	0	0	1,673,109	0	0	0	0	0	0
Other agencies										
Administrative Office of the U.S. Courts	1,443	1,443	0	0	0	0	0	0	0	0
Agency for Global Media	7,884	0	0	0	0	0	0	7,884	0	0
Agency for International Development	51,211	0	0	43,631	0	0	0	4,331	0	3,250
Appalachian Regional Commission	122	0	0	0	0	0	0	122	0	0
Consumer Product Safety Commission	440	0	0	0	0	0	0	0	440	0
Environmental Protection Agency	406,371	5,566	167,490	160,542	3,090	9,703	0	2,348	57,633	0
Federal Trade Commission	8,571	0	0	0	0	0	0	8,571	0	0
Library of Congress	493	0	0	0	0	493	0	0	0	0
National Aeronautics and Space Administration	7,598,407	0	1,721,197	29,923	0	3,188,694	0	0	2,526,071	132,522
National Science Foundation	7,035,853	1,037,030	1,097,961	792,951	269,019	1,363,323	34,410	216,153	1,070,696	1,154,309
Nuclear Regulatory Commission	78,147	0	0	0	0	0	0	0	78,147	0
Patient-Centered Outcomes Research Trust Fund	481,465	0	0	481,465	0	0	0	0	0	0
Postal Service	15,702	0	0	0	0	0	0	0	15,702	0
RESTORE Act Centers of Excellence Research Grants Program	6,960	0	0	0	0	0	0	0	0	6,960
Smithsonian Institution	95,000	0	17,100	52,250	0	10,450	0	8,200	0	7,000
Social Security Administration	98,560	0	0	0	0	0	0	98,560	0	0
Tennessee Valley Authority	12,952	0	0	0	0	0	0	0	12,952	0

* = amount greater than \$0 but less than \$50,000.

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. FY 2022 obligations include additional funding provided by supplemental COVID-19 pandemic-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act). See technical table A-2 for additional notes associated with the agencies listed in this table. As of volume 71 (FYs 2021–22), the fields of R&D (formerly, "fields of science and engineering") were revised for consistency with other National Center for Science and Engineering Statistics surveys; some fields were added, merged, or split, and some fields were renamed. Therefore, the data are not directly comparable with totals reported in previous years. See technical table A-3 for additional notes associated with the taxonomy changes to the fields listed in this table.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2021–22.