

TABLE 30

Preliminary federal obligations for basic research, by agency and field of R&D: FY 2024

(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	47,472,596	2,306,780	3,718,843	18,350,638	650,236	9,990,658	2,502,812	1,149,638	4,178,441	4,624,549
Departments										
Department of Agriculture	1,657,608	17,317	10,009	1,325,887	4,386	83,360	559	62,454	88,558	65,078
Agricultural Research Service	938,500	1,220	0	866,329	0	60,252	0	2,252	8,447	0
Animal and Plant Health Inspection Service	25,500	0	0	25,500	0	0	0	0	0	0
Forest Service	86,116	0	2,715	65,810	0	3,647	0	9,799	4,146	0
National Institute of Food and Agriculture	600,000	16,097	7,294	360,756	4,386	19,462	559	50,403	75,966	65,078
Natural Resources Conservation Service	7,493	0	0	7,493	0	0	0	0	0	0
Department of Commerce	361,102	17,152	177	16,446	4,344	248,422	0	0	74,561	0
National Institute of Standards and Technology	361,102	17,152	177	16,446	4,344	248,422	0	0	74,561	0
Department of Defense	3,605,923	528,956	163,640	328,492	89,873	337,611	32,657	37,901	1,236,599	850,193
Defense Advanced Research Projects Agency	397,591	189,349	5,390	101,602	2,841	16,015	2,337	0	16,044	64,014
Defense Health Agency	47,299	0	0	47,299	0	0	0	0	0	0
Department of the Air Force	1,397,690	105,876	0	29,769	3,845	166,391	1,505	6,992	801,563	281,749
Department of the Army	547,113	71,100	5,167	108,957	11,551	41,746	19,581	2,622	43,551	242,838
Department of the Navy	702,609	53,459	131,883	16,664	10,946	63,084	6,704	2,311	222,256	195,303
Other defense agencies	513,621	109,172	21,201	24,201	60,690	50,377	2,530	25,976	153,184	66,289
Department of Education	35,712	0	0	0	0	0	0	0	0	35,712
Department of Energy	6,659,975	972,652	271,155	604,548	52,803	4,207,857	0	0	16,064	534,895
Electricity Delivery and Energy Reliability	15,604	0	0	0	0	0	0	0	15,604	0
National Nuclear Security Administration	127,054	7,138	1,890	805	621	110,190	0	0	460	5,950
Office of Defense Nuclear Nonproliferation	127,054	7,138	1,890	805	621	110,190	0	0	460	5,950
Office of Cybersecurity, Energy Security, and Emergency Response	24,697	24,697	0	0	0	0	0	0	0	0
Office of Science	6,492,620	940,818	269,265	603,743	52,182	4,097,667	0	0	0	528,945
Department of Health and Human Services	22,743,650	0	376,277	14,394,849	251,514	445,137	2,437,441	810,359	1,925,896	2,102,177
Centers for Disease Control and Prevention	75,713	0	422	50,723	0	1,034	110	0	8,213	15,211
Centers for Medicare and Medicaid Services	35,622	0	0	35,622	0	0	0	0	0	0
Health Resources and Services Administration	33,313	0	0	31,698	0	0	0	0	0	1,615
National Institutes of Health	22,599,002	0	375,855	14,276,806	251,514	444,103	2,437,331	810,359	1,917,683	2,085,352
Department of Homeland Security	73,593	19,895	5,506	2,500	0	8,000	0	0	20,599	17,092
Coast Guard	2,243	450	200	0	0	0	0	0	1,593	0
Countering Weapons of Mass Destruction Office	11,000	0	0	2,000	0	8,000	0	0	0	1,000
Science and Technology Directorate	60,000	19,095	5,306	500	0	0	0	0	19,007	16,092
Secret Service	350	350	0	0	0	0	0	0	0	0
Department of the Interior	42,961	0	24,526	16,434	0	772	274	0	955	0
Bureau of Land Management	1,328	0	0	1,328	0	0	0	0	0	0

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Bureau of Safety and Environmental Enforcement	987	0	0	0	0	772	0	0	215	0
Geological Survey	40,646	0	24,526	15,106	0	0	274	0	740	0
Department of Justice	19,102	0	0	0	0	0	0	19,102	0	0
Office of Justice Programs	19,102	0	0	0	0	0	0	19,102	0	0
Department of State	1,146	0	0	0	0	0	0	1,146	0	0
Department of Transportation	26,029	0	0	0	0	1,660	0	0	24,369	0
Federal Motor Carrier Safety Administration	1,000	0	0	0	0	1,000	0	0	0	0
Office of the Secretary of Transportation	24,369	0	0	0	0	0	0	0	24,369	0
Pipeline and Hazardous Materials Safety Administration	660	0	0	0	0	660	0	0	0	0
Department of Veterans Affairs	781,784	0	0	781,784	0	0	0	0	0	0
Other agencies										
Agency for International Development	2,909	0	0	0	0	0	0	0	0	2,909
National Aeronautics and Space Administration	5,411,384	0	1,865,624	90,005	0	3,339,498	0	0	76,175	40,082
National Science Foundation	5,795,618	750,807	970,271	711,226	247,315	1,270,502	31,882	188,835	664,791	959,988
Smithsonian Institution	254,100	0	31,658	78,467	0	47,838	0	29,841	49,875	16,422

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.