

TABLE 30

Preliminary federal obligations for basic 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	48,467,014	2,430,647	3,991,137	20,388,014	615,566	9,750,710	2,433,629	822,119	3,923,050	4,112,141
Departments										
Department of Agriculture	1,602,692	8,128	8,932	1,357,684	3,882	82,632	364	38,146	63,070	39,854
Agricultural Research Service	929,000	1,208	0	857,560	0	59,642	0	2,230	8,361	0
Animal and Plant Health Inspection Service	26,244	0	0	26,244	0	0	0	0	0	0
Forest Service	88,125	0	2,778	67,345	0	3,732	0	10,027	4,243	*
National Institute of Food and Agriculture	543,648	6,921	6,154	391,035	3,882	19,158	364	25,889	50,467	39,779
Natural Resources Conservation Service	15,675	0	0	15,500	0	100	0	0	0	75
Department of Commerce	311,154	14,750	2,034	16,871	4,797	222,673	0	0	50,029	0
National Institute of Standards and Technology	311,154	14,750	2,034	16,871	4,797	222,673	0	0	50,029	0
Department of Defense	3,541,126	569,795	223,156	335,984	87,693	221,825	42,157	36,063	1,062,267	962,187
Defense Advanced Research Projects Agency	517,425	299,771	18,781	124,305	6,099	13,252	5,746	0	40,763	8,707
Defense Health Agency	13,518	0	0	13,121	0	0	0	0	397	0
Department of the Air Force	994,200	30,329	0	9,699	6,388	45,968	417	2,290	461,729	437,380
Department of the Army	620,430	80,628	5,860	123,558	13,099	47,340	22,205	2,973	49,388	275,380
Department of the Navy	879,264	64,496	183,956	31,310	15,411	82,530	11,629	8,559	280,006	201,365
Space Force	55,037	0	0	0	0	0	0	0	55,037	0
Other defense agencies	461,252	94,571	14,559	33,990	46,695	32,735	2,161	22,241	174,947	39,355
Department of Education	27,867	0	0	0	0	0	0	0	0	27,867
Department of Energy	6,523,381	975,405	279,003	598,676	4,703	4,168,214	0	0	12,920	484,460
Electricity Delivery and Energy Reliability	12,530	0	0	0	0	0	0	0	12,530	0
National Nuclear Security Administration	123,694	2,085	1,958	0	4,703	109,308	0	0	390	5,250
Office of Defense Nuclear Nonproliferation	123,694	2,085	1,958	0	4,703	109,308	0	0	390	5,250
Office of Cybersecurity, Energy Security, and Emergency Response	12,320	12,320	0	0	0	0	0	0	0	0
Office of Science	6,374,837	961,000	277,045	598,676	0	4,058,906	0	0	0	479,210
Department of Health and Human Services	23,787,817	0	320,188	16,345,958	223,295	568,352	2,353,873	502,303	1,806,471	1,667,377

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Centers for Disease Control and Prevention	82,950	0	654	53,676	0	2,138	425	0	10,922	15,135
Centers for Medicare and Medicaid Services	427,487	0	0	427,487	0	0	0	0	0	0
Health Resources and Services Administration	2,455	0	0	2,455	0	0	0	0	0	0
National Institutes of Health	23,274,924	0	319,534	15,862,339	223,295	566,214	2,353,448	502,303	1,795,549	1,652,242
Department of Homeland Security	69,501	17,201	10,000	2,600	0	5,057	0	0	25,643	9,000
Countering Weapons of Mass Destruction Office	9,251	2,251	0	2,000	0	5,000	0	0	0	0
Science and Technology Directorate	60,000	14,700	10,000	600	0	57	0	0	25,643	9,000
Secret Service	250	250	0	0	0	0	0	0	0	0
Department of the Interior	101,215	0	96,915	3,362	0	581	0	0	356	0
Bureau of Land Management	1,587	0	0	1,587	0	0	0	0	0	0
Bureau of Safety and Environmental Enforcement	1,000	0	63	0	0	581	0	0	356	0
Geological Survey	98,628	0	96,853	1,775	0	0	0	0	0	0
Department of Justice	15,615	0	0	0	0	550	1,100	13,965	0	0
Office of Justice Programs	15,615	0	0	0	0	550	1,100	13,965	0	0
Department of State	2,000	0	0	0	0	0	0	2,000	0	0
Department of Transportation	3,753	37	0	0	0	1,000	0	470	1,700	546
Office of the Secretary of Transportation	37	37	0	0	0	0	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	3,716	0	0	0	0	1,000	0	470	1,700	546
Department of Veterans Affairs	760,629	0	0	760,629	0	0	0	0	0	0
Other agencies										
National Aeronautics and Space Administration	5,089,938	0	1,913,388	34,420	0	3,009,949	0	0	71,949	60,232
National Science Foundation	6,388,325	845,331	1,107,370	857,100	291,196	1,424,316	36,135	200,753	781,146	844,977
Smithsonian Institution	242,000	0	30,150	74,730	0	45,560	0	28,420	47,500	15,640

* = amount greater than \$0 but less than \$500.

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.