

TABLE 35

Preliminary federal obligations for applied 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	51,146,662	3,019,539	2,190,056	21,890,875	336,689	2,948,862	2,470,311	1,564,928	11,251,302	5,474,100
Departments										
Department of Agriculture	1,676,893	17,665	14,259	1,189,476	3,021	69,952	10,294	178,897	83,342	109,987
Agricultural Marketing Service	6,970	0	0	6,970	0	0	0	0	0	0
Agricultural Research Service	750,800	976	0	693,063	0	48,201	0	1,802	6,757	0
Economic Research Service	90,612	0	0	0	0	0	0	90,612	0	0
Forest Service	162,205	0	2,315	125,653	0	2,886	0	26,249	5,101	0
National Agricultural Statistics Service	6,243	6,243	0	0	0	0	0	0	0	0
National Institute of Food and Agriculture	650,000	10,446	11,944	353,726	3,021	18,865	10,294	60,234	71,484	109,987
Natural Resources Conservation Service	10,063	0	0	10,063	0	0	0	0	0	0
Department of Commerce	1,611,483	220,220	720,407	94,002	16,365	101,411	0	149,525	289,734	19,820
Census Bureau	175,167	28,461	0	0	12,741	0	0	133,958	0	6
National Institute of Standards and Technology	567,629	186,793	11,836	33,786	1,170	69,278	0	388	264,377	0
National Oceanic and Atmospheric Administration	856,482	4,966	708,570	60,216	2,454	32,132	0	15,178	13,152	19,814
National Telecommunications and Information Administration	12,205	0	0	0	0	0	0	0	12,205	0
Department of Defense	8,228,340	1,636,260	400,798	980,398	65,393	371,801	85,089	19,663	3,221,882	1,447,058
Defense Advanced Research Projects Agency	1,762,630	902,506	34,986	267,612	0	86,473	14,715	11,707	363,630	81,000
Defense Health Agency	260,381	0	0	260,081	0	0	0	0	0	300
Department of the Air Force	2,252,143	187,452	0	40,739	15,874	71,302	104	323	1,122,798	813,550
Department of the Army	1,712,491	151,018	10,566	265,171	38,956	5,725	64,600	0	780,854	395,601
Department of the Navy	1,201,392	101,716	353,144	11,854	590	58,711	5,670	3,035	629,208	37,464
Other defense agencies	1,039,304	293,567	2,102	134,939	9,973	149,590	0	4,599	325,390	119,143
Department of Education	281,326	0	0	0	0	0	0	0	0	281,326
Department of Energy	5,745,917	605,781	112,546	6,554	868	1,632,276	0	0	3,387,893	0
Advanced Research Projects Agency—Energy	230,000	10,914	263	6,507	0	25,049	0	0	187,267	0
Electricity Delivery and Energy Reliability	71,974	0	0	0	0	0	0	0	71,974	0
Energy Efficiency and Renewable Energy	979,915	0	0	0	0	0	0	0	979,915	0
Environmental Management	12,728	0	12,728	0	0	0	0	0	0	0
Fossil Energy	999,631	0	94,965	0	0	158,941	0	0	745,725	0
National Nuclear Security Administration	2,665,832	457,536	4,590	46	868	1,448,285	0	0	754,507	0
Defense Programs	2,363,145	439,426	0	0	0	1,329,342	0	0	594,377	0
Naval Nuclear Propulsion Program	150,900	0	0	0	0	0	0	0	150,900	0
Office of Defense Nuclear Nonproliferation	151,787	18,110	4,590	46	868	118,943	0	0	9,230	0
Nuclear Energy	648,506	0	0	0	0	0	0	0	648,506	0
Office of Cybersecurity, Energy Security, and Emergency Response	137,331	137,331	0	0	0	0	0	0	0	0
Department of Health and Human Services	26,662,466	270,486	366,029	17,460,818	240,997	425,941	2,343,714	1,001,461	1,850,123	2,702,898

TABLE 35

Preliminary federal obligations for applied 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
Administration for Children and Families	6,882	0	0	0	0	0	0	6,882	0	0
Administration for Community Living	112,658	0	0	0	0	0	0	112,658	0	0
Advanced Research Projects Agency for Health	1,515,995	221,104	0	656,147	0	0	0	0	827	637,918
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	5,891	0	5,891	0	0	0	0	0	0	0
Biomedical Advanced Research and Development Authority	1,925,740	0	0	1,925,740	0	0	0	0	0	0
Centers for Disease Control and Prevention	315,978	194	0	253,561	0	409	502	49,635	11,000	677
Food and Drug Administration	706,883	0	0	706,883	0	0	0	0	0	0
Health Resources and Services Administration	45,991	0	0	45,706	0	0	0	0	0	285
National Institutes of Health	21,654,002	0	360,138	13,679,807	240,997	425,532	2,335,412	776,473	1,837,493	1,998,150
Office of the Secretary of Health and Human Services	35,000	0	0	0	0	0	0	35,000	0	0
Office of the Assistant Secretary for Planning and Evaluation	35,000	0	0	0	0	0	0	35,000	0	0
Department of Homeland Security	166,064	66,711	7,001	8,842	0	25,770	0	1,405	44,076	12,259
Coast Guard	5,233	1,286	400	0	0	0	0	0	3,547	0
Countering Weapons of Mass Destruction Office	26,615	0	0	6,000	0	12,615	0	0	0	8,000
Cybersecurity and Infrastructure Security Agency	1,216	793	0	0	0	0	0	0	423	0
Science and Technology Directorate	133,000	64,632	6,601	2,842	0	13,155	0	1,405	40,107	4,259
Department of the Interior	423,687	0	115,501	262,339	0	5,149	0	10,564	29,878	257
Bureau of Indian Affairs	5,000	0	0	5,000	0	0	0	0	0	0
Bureau of Land Management	8,440	0	0	8,440	0	0	0	0	0	0
Bureau of Reclamation	26,297	0	0	2,984	0	0	0	0	23,313	0
Bureau of Safety and Environmental Enforcement	6,565	0	0	0	0	0	0	0	6,565	0
Fish and Wildlife Service	48,000	0	0	48,000	0	0	0	0	0	0
Geological Survey	324,365	0	115,501	193,152	0	5,149	0	10,564	0	0
National Park Service	5,020	0	0	4,763	0	0	0	0	0	257
Department of Justice	93,200	4,586	0	3,231	1,344	11,424	183	66,172	183	6,078
Bureau of Prisons	1	0	0	0	0	0	0	1	0	0
Federal Bureau of Investigation	6,078	0	0	0	0	0	0	0	0	6,078
Office of Justice Programs	87,120	4,586	0	3,231	1,344	11,424	183	66,170	183	0
Department of Labor	2,419	0	0	0	0	0	0	2,419	0	0
Employee Benefits Security Administration	2,419	0	0	0	0	0	0	2,419	0	0
Department of State	21,779	0	0	21,779	0	0	0	0	0	0
Department of Transportation	889,083	19,220	19,506	12,497	4,941	13,000	31,003	0	761,547	27,368
Federal Aviation Administration	241,094	12,081	19,506	12,182	4,941	0	13,991	0	158,157	20,237
Federal Highway Administration	402,255	0	0	0	0	0	0	0	402,255	0
Federal Motor Carrier Safety Administration	11,000	0	0	0	0	11,000	0	0	0	0

TABLE 35

Preliminary federal obligations for applied 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
Federal Railroad Administration	46,764	7,139	0	0	0	0	0	0	39,625	0
Federal Transit Administration	5,799	0	0	315	0	0	0	0	4,698	786
National Highway Traffic Safety Administration	108,577	0	0	0	0	0	17,013	0	86,581	4,982
Office of the Secretary of Transportation	56,275	0	0	0	0	0	0	0	56,275	0
Pipeline and Hazardous Materials Safety Administration	17,319	0	0	0	0	2,000	0	0	13,956	1,363
Department of Veterans Affairs	1,133,582	0	0	1,133,582	0	0	0	0	0	0
Other agencies										
Agency for Global Media	9,449	0	0	0	0	0	0	9,449	0	0
Agency for International Development	196,662	0	0	0	0	0	0	0	0	196,662
Appalachian Regional Commission	369	0	0	0	0	0	0	369	0	0
Consumer Product Safety Commission	47	0	0	0	0	0	0	0	47	0
Environmental Protection Agency	414,945	5,683	171,023	163,930	3,155	9,908	0	2,397	58,848	0
Federal Trade Commission	10,381	0	0	0	0	0	0	10,381	0	0
Library of Congress	562	0	0	0	0	562	0	0	0	0
National Aeronautics and Space Administration	1,769,978	0	249,284	0	0	264,203	0	0	1,114,084	142,407
National Science Foundation	1,087,464	172,401	13,703	10,748	605	17,466	28	1,532	343,999	526,981
Nuclear Regulatory Commission	45,713	526	0	0	0	0	0	0	45,187	0
Patient-Centered Outcomes Research Trust Fund	542,680	0	0	542,680	0	0	0	0	0	0
Postal Service	6,479	0	0	0	0	0	0	0	6,479	0
RESTORE Act Centers of Excellence Research Grants Program	1,000	0	0	0	0	0	0	0	0	1,000
Social Security Administration	110,695	0	0	0	0	0	0	110,695	0	0
Tennessee Valley Authority	14,000	0	0	0	0	0	0	0	14,000	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 2023–24.