

Table 6. Preliminary federal obligations for research and experimental development, by agency and type of R&D: FY 2025

(Dollars in thousands)

Agency	Total R&D	Basic research	Applied research	Experimental development		
				Total	Advanced technology	Major systems
All agencies	194,055,664	45,361,068	49,879,449	98,815,147	11,503,829	70,609,720
Departments						
Department of Agriculture	3,293,995	1,499,495	1,510,094	284,406	na	na
Agricultural Marketing Service	18,398	0	9,199	9,199	na	na
Agricultural Research Service	1,790,000	895,000	716,000	179,000	na	na
Animal and Plant Health Inspection Service	72,328	8,792	20,453	43,083	na	na
Economic Research Service	90,612	0	90,612	0	na	na
Forest Service	291,000	99,289	142,677	49,034	na	na
National Agricultural Statistics Service	9,090	0	5,000	4,091	na	na
National Institute of Food and Agriculture	1,000,000	496,414	503,586	0	na	na
Natural Resources Conservation Service	22,566	0	22,566	0	na	na
Department of Commerce	9,848,169	298,057	1,591,253	7,958,860	na	na
Census Bureau	359,951	0	194,832	165,119	na	na
National Institute of Standards and Technology	8,000,822	298,057	518,721	7,184,044	na	na
National Oceanic and Atmospheric Administration	1,072,149	0	872,879	199,270	na	na
National Telecommunications and Information Administration	415,247	0	4,820	410,426	na	na
Department of Defense	93,352,986	3,013,668	8,225,769	82,113,549	11,503,829	70,609,720
Defense Advanced Research Projects Agency	4,403,986	398,429	1,702,867	2,302,690	2,120,906	181,784
Defense Health Agency	2,509,065	39,771	470,533	1,998,761	1,638,884	359,877
Department of the Air Force	30,233,891	995,532	2,443,731	26,794,628	1,758,141	25,036,487
Air Force	19,576,152	957,562	2,443,731	16,174,860	1,331,197	14,843,663
Space Force	10,657,738	37,970	0	10,619,768	426,944	10,192,824
Department of the Army	14,469,601	494,190	1,109,495	12,865,916	1,509,493	11,356,423
Department of the Navy	22,481,116	660,401	1,307,665	20,513,050	1,323,651	19,189,399
Other defense agencies	19,255,327	425,346	1,191,478	17,638,504	3,152,754	14,485,749
Department of Education	456,546	28,226	323,055	105,265	na	na
Department of Energy	16,031,439	6,814,866	6,548,697	2,667,875	na	na
Advanced Research Projects Agency—Energy	460,000	0	345,000	115,000	na	na
Electricity Delivery and Energy Reliability	178,165	12,753	72,746	92,666	na	na
Energy Efficiency and Renewable Energy	2,474,000	0	1,496,665	977,335	na	na
Environmental Management	38,569	0	12,728	25,841	na	na
Fossil Energy	1,159,690	0	1,159,690	0	na	na
National Nuclear Security Administration	4,212,860	122,601	2,818,840	1,271,419	na	na
Defense Programs	2,907,731	0	2,535,483	372,248	na	na
Naval Nuclear Propulsion Program	905,624	0	125,414	780,210	na	na
Office of Defense Nuclear Nonproliferation	399,504	122,601	157,943	118,961	na	na
Nuclear Energy	690,607	0	504,992	185,614	na	na
Office of Cybersecurity, Energy Security, and Emergency Response	138,036	0	138,036	0	na	na
Office of Science	6,679,513	6,679,513	0	0	na	na
Department of Health and Human Services	47,718,849	22,458,606	25,208,015	52,228	na	na
Administration for Children and Families	10,733	0	10,733	0	na	na
Administration for Community Living	112,185	0	112,185	0	na	na
Advanced Research Projects Agency for Health	1,097,000	0	1,097,000	0	na	na
Agency for Healthcare Research and Quality	373,500	0	337,445	36,055	na	na
Agency for Toxic Substances and Disease Registry	2,798	0	2,798	0	na	na

Table 6. Preliminary federal obligations for research and experimental development, by agency and type of R&D: FY 2025

(Dollars in thousands)

Agency	Total R&D	Basic research	Applied research	Experimental development		
				Total	Advanced technology	Major systems
Biomedical Advanced Research and Development Authority	819,408	0	819,408	0	na	na
Centers for Disease Control and Prevention	369,153	61,529	291,451	16,173	na	na
Centers for Medicare and Medicaid Services	20,391	20,391	0	0	na	na
Food and Drug Administration	667,181	0	667,181	0	na	na
Health Resources and Services Administration	79,889	34,000	45,889	0	na	na
National Institutes of Health	44,129,381	22,342,687	21,786,695	0	na	na
Office of the Secretary of Health and Human Services	37,229	0	37,229	0	na	na
Office of the Assistant Secretary for Planning and Evaluation	37,229	0	37,229	0	na	na
Department of Homeland Security	353,046	44,580	180,988	127,479	na	na
Coast Guard	9,744	0	9,196	548	na	na
Countering Weapons of Mass Destruction Office	15,068	3,680	4,598	6,790	na	na
Cybersecurity and Infrastructure Security Agency	793	0	793	0	na	na
Science and Technology Directorate	311,000	40,000	165,000	106,000	na	na
Secret Service	5,734	900	1,400	3,434	na	na
Transportation Security Administration	10,707	0	0	10,707	na	na
Department of the Interior	446,217	42,924	361,284	42,008	na	na
Bureau of Indian Affairs	5,000	0	5,000	0	na	na
Bureau of Land Management	14,860	1,699	10,800	2,361	na	na
Bureau of Reclamation	31,615	0	26,547	5,068	na	na
Bureau of Safety and Environmental Enforcement	5,613	817	2,565	2,230	na	na
Fish and Wildlife Service	6,000	0	6,000	0	na	na
Geological Survey	376,764	40,408	304,007	32,349	na	na
National Park Service	6,365	0	6,365	0	na	na
Department of Justice	154,043	14,007	106,667	33,368	na	na
Bureau of Prisons	7,888	0	1,805	6,083	na	na
Federal Bureau of Investigation	20,849	0	0	20,849	na	na
Office of Justice Programs	125,306	14,007	104,862	6,437	na	na
Department of Labor	1,857	0	1,857	0	na	na
Employee Benefits Security Administration	1,857	0	1,857	0	na	na
Department of Transportation	1,201,433	143,162	710,643	347,629	na	na
Federal Aviation Administration	408,087	0	211,350	196,737	na	na
Federal Highway Administration	430,735	793	390,424	39,518	na	na
Federal Motor Carrier Safety Administration	10,482	0	7,553	2,928	na	na
Federal Railroad Administration	22,000	0	15,400	6,600	na	na
Federal Transit Administration	7,100	0	5,254	1,846	na	na
National Highway Traffic Safety Administration	123,007	57,725	65,282	0	na	na
Office of the Secretary of Transportation	178,107	78,107	0	100,000	na	na
Pipeline and Hazardous Materials Safety Administration	21,916	6,537	15,379	0	na	na
Department of the Treasury	64,495	0	83	64,412	na	na
Bureau of Engraving and Printing	64,412	0	0	64,412	na	na
Mint	83	0	83	0	na	na
Department of Veterans Affairs	1,880,000	800,000	1,044,000	36,000	na	na
Other agencies						
Appalachian Regional Commission	237	0	237	0	na	na

Table 6. Preliminary federal obligations for research and experimental development, by agency and type of R&D: FY 2025

(Dollars in thousands)

Agency	Total R&D	Basic research	Applied research	Experimental development		
				Total	Advanced technology	Major systems
Consumer Product Safety Commission	1	0	1	0	na	na
Environmental Protection Agency	534,900	0	415,027	119,873	na	na
Federal Trade Commission	347	0	347	0	na	na
National Aeronautics and Space Administration	10,936,174	4,413,316	1,724,663	4,798,195	na	na
National Science Foundation	6,825,141	5,608,162	1,216,979	0	na	na
Nuclear Regulatory Commission	40,667	0	40,667	0	na	na
Patient-Centered Outcomes Research Trust Fund	582,864	0	582,864	0	na	na
Postal Service	2,837	0	2,837	0	na	na
RESTORE Act Centers of Excellence Research Grants Program	4,783	0	4,783	0	na	na
Smithsonian Institution	182,000	182,000	0	0	na	na
Social Security Administration	57,641	0	57,641	0	na	na
Tennessee Valley Authority	85,000	0	21,000	64,000	na	na

na = not applicable; data were not collected at this level of detail for this agency or subagency.

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. For additional notes associated with the agencies listed in this table, see technical table A-2 at <https://nces.nsf.gov/surveys/federal-funds-research-development/2024-2025#technical-tables>.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2024–25.