

Table 9. Federal obligations for extramural R&D and R&D plant, by type of agreement and agency: FY 2024

(Dollars in thousands)

Agency	Total R&D and R&D plant		R&D		R&D plant	
	Contracts	Grants	Contracts	Grants	Contracts	Grants
All agencies	74,429,244	53,861,062	73,580,149	53,240,450	849,095	620,612
Departments						
Department of Agriculture	285,423	1,208,174	285,227	1,208,174	196	0
Agricultural Marketing Service	0	29,256	0	29,256	0	0
Agricultural Research Service	285,227	0	285,227	0	0	0
Animal and Plant Health Inspection Service	0	35,763	0	35,763	0	0
Economic Research Service	0	855	0	855	0	0
Forest Service	0	45,009	0	45,009	0	0
National Agricultural Statistics Service	0	537	0	537	0	0
National Institute of Food and Agriculture	0	1,081,397	0	1,081,397	0	0
Natural Resources Conservation Service	196	15,357	0	15,357	196	0
Department of Commerce	238,060	736,088	58,452	622,075	179,608	114,014
Census Bureau	4,409	0	4,409	0	0	0
National Institute of Standards and Technology	33,954	206,405	33,954	206,405	0	0
National Oceanic and Atmospheric Administration	187,058	394,762	15,315	394,762	171,743	0
National Telecommunications and Information Administration	12,639	134,921	4,774	20,907	7,865	114,014
Department of Defense	58,654,474	5,501,203	58,642,224	5,501,203	12,250	0
Defense Advanced Research Projects Agency	3,475,811	261,620	3,475,811	261,620	0	0
Defense Health Agency	946,495	1,757,373	946,495	1,757,373	0	0
Department of the Air Force	18,642,394	1,817,379	18,635,900	1,817,379	6,494	0
Air Force	10,292,006	1,817,379	10,285,547	1,817,379	6,459	0
Space Force	8,350,388	0	8,350,353	0	35	0
Department of the Army	12,491,564	0	12,491,564	0	0	0
Department of the Navy	12,371,160	1,010,659	12,366,218	1,010,659	4,942	0
Other defense agencies	10,727,050	654,172	10,726,236	654,172	814	0
Department of Education	33,623	422,923	33,623	422,923	0	0
Department of Energy	2,828,885	2,868,524	2,340,870	2,864,006	488,015	4,518
Advanced Research Projects Agency—Energy	30,669	413,545	30,669	413,545	0	0
Electricity Delivery and Energy Reliability	24,319	0	24,319	0	0	0
Energy Efficiency and Renewable Energy	212,167	848,668	212,167	848,668	0	0
Environmental Management	9,409	0	9,409	0	0	0
Fossil Energy	0	396,731	0	396,731	0	0
National Nuclear Security Administration	1,732,460	10,100	1,245,240	10,100	487,220	0
Defense Programs	556,825	0	324,688	0	232,136	0
Naval Nuclear Propulsion Program	1,151,634	0	896,550	0	255,084	0
Office of Defense Nuclear Nonproliferation	24,002	10,100	24,002	10,100	0	0
Nuclear Energy	21,461	204,685	20,666	203,245	795	1,440

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Office of Cybersecurity, Energy Security, and Emergency Response	1,532	58,335	1,532	58,335	0	0
Office of Science	796,867	936,461	796,867	933,382	0	3,079
Department of Health and Human Services	4,660,784	33,732,030	4,658,382	33,645,198	2,402	86,832
Administration for Children and Families	0	10,647	0	10,647	0	0
Administration for Community Living	0	112,987	0	112,987	0	0
Advanced Research Projects Agency for Health	778,256	194,127	778,256	194,127	0	0
Agency for Healthcare Research and Quality	46,928	243,589	46,928	243,589	0	0
Agency for Toxic Substances and Disease Registry	0	2,798	0	2,798	0	0
Biomedical Advanced Research and Development Authority	1,424,639	0	1,422,237	0	2,402	0
Centers for Disease Control and Prevention	53,683	262,857	53,683	262,857	0	0
Centers for Medicare and Medicaid Services	19,920	0	19,920	0	0	0
Food and Drug Administration	0	258,039	0	258,039	0	0
Health Resources and Services Administration	1,287	79,543	1,287	79,543	0	0
National Institutes of Health	2,310,904	32,560,170	2,310,904	32,473,338	0	86,832
Office of the Secretary of Health and Human Services	25,167	7,274	25,167	7,274	0	0
Office of the Assistant Secretary for Planning and Evaluation	25,167	7,274	25,167	7,274	0	0
Department of Homeland Security	250,359	61,627	248,609	61,627	1,751	0
Coast Guard	5,751	0	5,250	0	501	0
Countering Weapons of Mass Destruction Office	33,437	7,330	33,437	7,330	0	0
Science and Technology Directorate	194,486	54,298	194,256	54,298	230	0
Secret Service	3,480	0	3,480	0	0	0
Transportation Security Administration	13,205	0	12,185	0	1,020	0
Department of the Interior	12,593	92,984	6,691	92,912	5,902	73
Bureau of Indian Affairs	0	5,000	0	5,000	0	0
Bureau of Land Management	260	8,081	260	8,081	0	0
Bureau of Reclamation	2,385	19,528	1,894	19,455	491	73
Bureau of Safety and Environmental Enforcement	8,298	2,234	2,887	2,234	5,410	0
Geological Survey	1,650	53,347	1,650	53,347	0	0
National Park Service	0	4,795	0	4,795	0	0
Department of Justice	41,500	101,559	41,500	101,559	0	0
Bureau of Prisons	6,287	0	6,287	0	0	0
Federal Bureau of Investigation	16,475	0	16,475	0	0	0
Office of Justice Programs	18,738	101,559	18,738	101,559	0	0
Department of Labor	1,304	0	1,304	0	0	0
Employee Benefits Security Administration	1,304	0	1,304	0	0	0
Department of Transportation	508,796	415,604	472,080	415,114	36,716	490
Federal Aviation Administration	256,934	52,328	228,840	52,328	28,094	0

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Federal Highway Administration	103,541	259,342	103,541	258,852	0	490
Federal Motor Carrier Safety Administration	8,117	0	8,117	0	0	0
Federal Railroad Administration	35,957	0	27,335	0	8,622	0
Federal Transit Administration	0	37,265	0	37,265	0	0
National Highway Traffic Safety Administration	77,684	11,750	77,684	11,750	0	0
Office of the Secretary of Transportation	18,373	52,716	18,373	52,716	0	0
Pipeline and Hazardous Materials Safety Administration	8,189	2,201	8,189	2,201	0	0
Department of the Treasury	26,598	0	26,598	0	0	0
Bureau of Engraving and Printing	26,477	0	26,477	0	0	0
Mint	121	0	121	0	0	0
Other agencies						
Agency for Global Media	6,534	0	6,534	0	0	0
Agency for International Development	0	227,737	0	227,737	0	0
Appalachian Regional Commission	1,190	0	1,190	0	0	0
Environmental Protection Agency	181,938	57,533	177,138	57,533	4,800	0
National Aeronautics and Space Administration	6,181,396	1,062,653	6,120,043	1,062,653	61,353	0
National Science Foundation	353,778	6,715,414	297,675	6,300,729	56,103	414,685
Nuclear Regulatory Commission	15,008	22,882	15,008	22,882	0	0
Patient-Centered Outcomes Research Trust Fund	0	605,450	0	605,450	0	0
Postal Service	4,918	0	4,918	0	0	0
RESTORE Act Centers of Excellence Research Grants Program	0	6,556	0	6,556	0	0
Social Security Administration	25,085	22,120	25,085	22,120	0	0
Tennessee Valley Authority	117,000	0	117,000	0	0	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. For additional notes associated with the agencies listed in this table, see technical table A-2 at <https://ncses.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.