

Table 8. Preliminary federal obligations for research and experimental development, by agency and performer: FY 2025

(Dollars in millions)

Agency	Total R&D	Intramural		Extramural				Non-U.S. performers
		Federal agencies ^a	FFRDCs	United States and U.S. territories				
				Businesses	Higher education ^b	Nonprofit organizations	State and local governments	
All agencies	194,056	55,387	17,819	65,715	42,683	10,967	716	769
Departments								
Department of Agriculture	3,294	1,991	0	45	1,170	56	25	7
Agricultural Marketing Service	18	0	0	0	5	*	13	0
Agricultural Research Service	1,790	1,576	0	0	190	17	*	7
Animal and Plant Health Inspection Service	72	38	0	2	25	4	3	0
Economic Research Service	91	90	0	*	1	0	0	0
Forest Service	291	250	0	1	31	2	7	*
National Agricultural Statistics Service	9	9	0	0	*	0	0	0
National Institute of Food and Agriculture	1,000	8	0	41	916	33	1	0
Natural Resources Conservation Service	23	20	0	*	2	0	*	0
Department of Commerce	9,848	8,598	22	665	465	58	5	35
Census Bureau	360	356	0	0	4	1	0	0
National Institute of Standards and Technology	8,001	7,602	22	311	58	8	0	*
National Oceanic and Atmospheric Administration	1,072	640	*	21	394	12	5	*
National Telecommunications and Information Administration	415	0	0	332	10	38	0	35
Department of Defense	93,353	29,047	3,262	52,634	5,241	2,821	16	334
Defense Advanced Research Projects Agency	4,404	291	157	3,051	719	162	0	24
Defense Health Agency	2,509	444	21	582	678	711	*	74
Department of the Air Force	30,234	8,421	741	19,554	1,054	372	9	83
Air Force	19,576	7,613	346	10,302	965	347	1	1
Space Force	10,658	807	395	9,251	88	25	8	83
Department of the Army	14,470	4,035	177	8,563	847	830	*	16
Department of the Navy	22,481	8,504	439	12,038	1,260	196	*	43
Other defense agencies	19,255	7,353	1,726	8,847	682	549	6	92
Department of Education	457	0	0	35	245	136	41	0
Department of Energy	16,031	1,217	11,366	2,192	1,041	145	69	1
Advanced Research Projects Agency—Energy	460	1	47	229	161	21	0	0
Electricity Delivery and Energy Reliability	178	1	151	20	2	4	1	0
Energy Efficiency and Renewable Energy	2,474	17	1,397	580	383	67	30	0
Environmental Management	39	0	27	11	0	0	0	0
Fossil Energy	1,160	769	354	0	7	23	6	1
National Nuclear Security Administration	4,213	351	2,537	1,215	108	2	0	0
Defense Programs	2,908	287	2,181	351	87	2	0	0

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Naval Nuclear Propulsion Program	906	62	*	844	0	0	0	0
Office of Defense Nuclear Nonproliferation	400	2	356	20	21	0	0	0
Nuclear Energy	691	50	580	59	0	2	0	*
Office of Cybersecurity, Energy Security, and Emergency Response	138	*	59	16	41	22	0	0
Office of Science	6,680	29	6,215	62	338	3	33	0
Department of Health and Human Services	47,719	9,766	599	3,418	26,895	6,500	207	334
Administration for Children and Families	11	*	0	0	2	9	0	0
Administration for Community Living	112	0	0	3	76	31	1	0
Advanced Research Projects Agency for Health	1,097	38	20	354	570	116	0	0
Agency for Healthcare Research and Quality	374	83	0	144	116	30	*	0
Agency for Toxic Substances and Disease Registry	3	0	0	0	2	1	0	*
Biomedical Advanced Research and Development Authority	819	73	0	613	43	43	0	47
Centers for Disease Control and Prevention	369	51	0	13	200	34	55	15
Centers for Medicare and Medicaid Services	20	*	0	5	3	13	0	0
Food and Drug Administration	667	432	0	8	83	74	65	5
Health Resources and Services Administration	80	6	0	0	67	5	2	0
National Institutes of Health	44,129	9,063	579	2,269	25,735	6,134	84	267
Office of the Secretary of Health and Human Services	37	20	0	8	0	9	0	0
Office of the Assistant Secretary for Planning and Evaluation	37	20	0	8	0	9	0	0
Department of Homeland Security	353	101	48	113	45	41	0	6
Coast Guard	10	3	0	6	0	0	0	0
Countering Weapons of Mass Destruction Office	15	*	*	15	0	0	0	0
Cybersecurity and Infrastructure Security Agency	1	1	0	0	0	0	0	0
Science and Technology Directorate	311	94	43	82	45	41	0	6
Secret Service	6	2	2	2	*	0	0	0
Transportation Security Administration	11	1	2	7	0	0	0	0
Department of the Interior	446	351	1	9	70	6	9	*
Bureau of Indian Affairs	5	0	0	0	0	0	5	0
Bureau of Land Management	15	6	*	*	6	2	*	0
Bureau of Reclamation	32	12	*	5	9	3	2	0
Bureau of Safety and Environmental Enforcement	6	2	0	3	*	0	0	*
Fish and Wildlife Service	6	6	0	0	0	0	0	0
Geological Survey	377	322	0	1	52	1	1	0

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National Park Service	6	3	0	0	3	0	0	0
Department of Justice	154	7	0	29	52	61	5	0
Bureau of Prisons	8	3	0	0	0	0	5	0
Federal Bureau of Investigation	21	0	0	20	1	0	0	0
Office of Justice Programs	125	5	0	9	51	61	0	0
Department of Labor	2	1	0	1	0	0	0	0
Employee Benefits Security Administration	2	1	0	1	0	0	0	0
Department of Transportation	1,201	193	72	432	167	43	290	5
Federal Aviation Administration	408	46	70	204	65	5	12	5
Federal Highway Administration	431	51	1	146	56	1	176	0
Federal Motor Carrier Safety Administration	10	5	*	5	*	*	0	0
Federal Railroad Administration	22	3	0	12	3	3	1	0
Federal Transit Administration	7	0	0	0	5	2	*	0
National Highway Traffic Safety Administration	123	19	0	41	33	30	0	0
Office of the Secretary of Transportation	178	61	0	17	0	0	100	0
Pipeline and Hazardous Materials Safety Administration	22	8	1	7	4	2	0	0
Department of the Treasury	64	3	8	39	0	0	0	14
Bureau of Engraving and Printing	64	3	8	39	0	0	0	14
Mint	*	0	0	*	0	0	0	*
Department of Veterans Affairs	1,880	1,800	80	0	0	0	0	0
Other agencies								
Appalachian Regional Commission	*	0	0	*	0	*	0	0
Consumer Product Safety Commission	*	*	0	0	0	0	0	0
Environmental Protection Agency	535	308	0	171	44	11	0	0
Federal Trade Commission	*	*	0	0	0	0	0	0
National Aeronautics and Space Administration	10,936	1,712	2,019	5,177	1,814	188	4	21
National Science Foundation	6,825	61	324	660	5,415	306	47	12
Nuclear Regulatory Commission	41	1	19	7	13	0	0	0
Patient-Centered Outcomes Research Trust Fund	583	0	0	0	0	583	0	0
Postal Service	3	0	0	3	0	0	0	0
RESTORE Act Centers of Excellence Research Grants Program	5	0	0	0	5	0	*	0
Smithsonian Institution	182	182	0	0	0	0	0	0
Social Security Administration	58	46	0	8	0	4	0	0
Tennessee Valley Authority	85	0	0	78	0	7	0	0

* = amount greater than \$0 but less than \$500,000.

FFRDC = federally funded research and development center.

^a Federal agencies' activities cover costs associated with the administration of federal R&D performance and R&D procurements from nonfederal performers by federal personnel, transfers of funds to other federal agencies for purposes related to R&D, and actual federal performance.

^b Higher education includes both public and private institutions as well as University Affiliated Research Centers.

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.