

Table 7. Federal obligations for research and experimental development, by agency and performer: FY 2024

(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	194,243	51,072	16,350	69,917	44,407	10,604	795	1,098
Departments								
Department of Agriculture	3,493	2,000	0	48	1,336	67	33	10
Agricultural Marketing Service	29	0	0	0	8	1	20	0
Agricultural Research Service	1,787	1,502	0	0	253	23	*	9
Animal and Plant Health Inspection Service	77	41	0	2	27	4	3	0
Economic Research Service	91	90	0	0	*	1	0	0
Forest Service	320	275	0	1	35	2	7	*
National Agricultural Statistics Service	8	8	0	0	*	*	0	0
National Institute of Food and Agriculture	1,090	9	0	45	999	36	1	0
Natural Resources Conservation Service	91	76	0	*	15	*	*	0
Department of Commerce	2,665	1,961	23	91	559	23	7	1
Census Bureau	360	356	0	0	4	1	0	0
National Institute of Standards and Technology	1,314	1,050	23	51	176	10	3	*
National Oceanic and Atmospheric Administration	966	556	*	27	367	12	4	*
National Telecommunications and Information Administration	26	0	0	13	13	0	0	0
Department of Defense	97,856	30,574	3,139	56,084	5,036	2,372	15	637
Defense Advanced Research Projects Agency	4,177	298	141	2,916	653	146	0	22
Defense Health Agency	3,215	492	18	709	911	983	*	101
Department of the Air Force	30,252	9,092	707	18,960	1,037	378	7	71
Air Force	20,794	8,392	299	10,812	955	334	1	1
Space Force	9,458	700	407	8,148	82	44	7	71
Department of the Army	15,507	2,924	92	12,033	363	90	0	6
Department of the Navy	23,990	10,259	354	11,857	1,319	149	*	51
Other defense agencies	20,716	7,508	1,827	9,609	753	625	7	387
Department of Education	457	0	0	35	245	136	41	0
Department of Energy	16,893	1,725	9,964	2,759	2,137	172	134	3
Advanced Research Projects Agency—Energy	496	1	51	247	174	23	0	0
Electricity Delivery and Energy Reliability	164	1	139	19	2	3	1	0
Energy Efficiency and Renewable Energy	2,474	17	1,397	580	383	67	30	0
Environmental Management	33	*	23	6	4	0	0	0
Fossil Energy	1,484	981	106	0	275	51	70	1
National Nuclear Security Administration	4,483	442	2,785	1,235	20	0	0	0
Defense Programs	3,128	378	2,425	317	8	0	0	0

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Naval Nuclear Propulsion Program	958	62	*	897	0	0	0	0
Office of Defense Nuclear Nonproliferation	397	3	361	22	13	0	0	0
Nuclear Energy	941	53	664	162	57	3	*	1
Office of Cybersecurity, Energy Security, and Emergency Response	104	*	44	12	31	17	0	0
Office of Science	6,713	230	4,753	498	1,191	7	34	*
Department of Health and Human Services	48,793	9,873	616	4,132	27,131	6,502	213	326
Administration for Children and Families	11	*	0	0	2	9	0	0
Administration for Community Living	113	0	0	4	76	32	1	0
Advanced Research Projects Agency for Health	1,039	34	33	347	555	64	0	6
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	1,489	67	0	1,295	56	42	*	29
Centers for Disease Control and Prevention	384	67	0	14	201	32	54	16
Centers for Medicare and Medicaid Services	20	*	0	5	3	13	0	0
Food and Drug Administration	733	475	0	9	91	81	71	6
Health Resources and Services Administration	86	5	0	0	74	5	2	0
National Institutes of Health	44,508	9,140	584	2,289	25,956	6,186	84	269
Office of the Secretary of Health and Human Services	35	3	0	25	*	7	0	0
Office of the Assistant Secretary for Planning and Evaluation	35	3	0	25	*	7	0	0
Department of Homeland Security	536	157	69	161	77	65	0	7
Coast Guard	8	3	0	5	*	0	0	*
Countering Weapons of Mass Destruction Office	52	7	4	30	8	0	0	2
Science and Technology Directorate	459	147	63	110	69	65	0	5
Secret Service	4	0	*	3	0	0	0	0
Transportation Security Administration	13	0	1	12	0	*	0	0
Department of the Interior	494	394	*	9	76	5	8	1
Bureau of Indian Affairs	5	0	0	0	0	0	5	0
Bureau of Land Management	17	9	*	*	5	3	*	*
Bureau of Reclamation	30	9	*	6	11	2	2	0
Bureau of Safety and Environmental Enforcement	9	4	0	2	3	0	0	1
Fish and Wildlife Service	48	48	0	0	0	0	0	0
Geological Survey	378	323	0	1	52	1	1	0
National Park Service	6	2	0	0	5	0	0	0

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Department of Justice	152	9	0	27	49	60	6	0
Bureau of Prisons	9	3	0	0	0	0	6	0
Federal Bureau of Investigation	16	0	0	15	1	0	0	0
Office of Justice Programs	127	7	0	12	48	60	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 State	34	34	0	0	0	0	0	0
Department of Transportation	1,192	221	84	374	194	39	275	5
Federal Aviation Administration	396	45	70	196	63	5	12	5
Federal Highway Administration	437	73	2	76	73	24	189	0
Federal Motor Carrier Safety Administration	16	6	2	8	0	*	0	0
Federal Railroad Administration	35	8	0	11	10	5	*	1
Federal Transit Administration	51	13	0	0	14	1	22	0
National Highway Traffic Safety Administration	108	9	9	59	29	1	0	0
Office of the Secretary of Transportation	129	57	0	18	0	0	53	0
Pipeline and Hazardous Materials Safety Administration	21	9	1	5	4	2	0	0
Department of the Treasury	35	2	6	14	0	0	0	12
Bureau of Engraving and Printing	35	2	6	14	0	0	0	12
Mint	*	0	0	*	0	0	0	0
Department of Veterans Affairs	1,869	1,790	79	0	0	0	0	0
Other agencies								
Agency for Global Media	9	3	0	7	0	0	0	0
Agency for International Development	252	24	0	14	119	32	0	63
Appalachian Regional Commission	1	0	0	1	*	*	0	0
Consumer Product Safety Commission	*	*	0	0	0	0	0	0
Environmental Protection Agency	535	300	1	177	48	9	0	*
Federal Trade Commission	1	1	0	0	0	0	0	0
National Aeronautics and Space Administration	10,905	1,721	2,001	5,165	1,805	187	4	21
National Science Foundation	6,995	61	335	670	5,556	313	47	12
Nuclear Regulatory Commission	73	2	33	13	23	0	0	2
Patient-Centered Outcomes Research Trust Fund	605	0	0	0	0	605	0	0
Postal Service	5	0	0	5	0	0	0	0
RESTORE Act Centers of Excellence Research Grants Program	7	0	0	0	0	0	7	0
Smithsonian Institution	168	168	0	0	0	0	0	0

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Social Security Administration	97	49	0	22	15	5	5	0
Tennessee Valley Authority	117	0	0	108	0	9	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.