

TABLE 8

Preliminary federal obligations for research and experimental development, by agency and performer: FY 2024

(Dollars in millions)

Agency	Total R&D	Intramural		Extramural				
		Federal agencies ^a	FFRDCs	United States and U.S. territories				Non-U.S. performers
				Businesses	Higher education ^b	Nonprofit organizations	State and local governments	
All agencies	195,656	45,549	16,709	75,330	44,929	11,346	487	1,306
Departments								
Department of Agriculture	3,607	2,075	0	54	1,383	69	17	10
Agricultural Marketing Service	14	6	0	0	1	*	6	*
Agricultural Research Service	1,877	1,669	0	0	182	19	*	7
Animal and Plant Health Inspection Service	47	24	0	0	23	0	0	0
Economic Research Service	91	87	0	0	1	3	0	0
Forest Service	300	258	0	1	32	2	7	*
National Agricultural Statistics Service	11	10	0	0	*	1	0	0
National Institute of Food and Agriculture	1,250	12	0	53	1,135	45	3	2
Natural Resources Conservation Service	18	10	0	*	7	0	*	0
Department of Commerce	8,777	1,802	26	6,387	534	22	5	1
Census Bureau	312	312	0	0	0	0	0	0
National Institute of Standards and Technology	7,366	899	17	6,332	108	10	0	1
National Oceanic and Atmospheric Administration	1,066	579	9	50	414	10	5	*
National Telecommunications and Information Administration	33	12	0	6	13	2	0	0
Department of Defense	93,001	25,924	2,627	54,530	5,861	3,168	20	871
Defense Advanced Research Projects Agency	4,739	291	174	3,370	703	173	2	26
Defense Health Agency	2,883	417	7	596	918	890	0	55
Department of the Air Force	17,583	4,902	301	10,085	1,253	670	4	368
Department of the Army	15,799	3,568	177	10,371	836	830	*	16
Department of the Navy	23,409	8,978	332	12,457	1,321	241	3	77
Space Force	9,667	541	335	8,638	51	26	7	70
Other defense agencies	18,921	7,227	1,302	9,013	780	337	6	257
Department of Education	417	0	0	37	194	141	45	0
Department of Energy	15,435	1,542	10,069	2,247	1,399	117	60	1
Advanced Research Projects Agency—Energy	460	8	47	229	161	15	0	0
Electricity Delivery and Energy Reliability	176	4	127	20	12	12	1	0
Energy Efficiency and Renewable Energy	2,187	15	1,234	495	367	58	18	0
Environmental Management	39	0	31	7	0	*	0	0
Fossil Energy	1,000	828	89	0	63	13	6	*
National Nuclear Security Administration	4,054	366	2,360	1,218	104	6	0	0
Defense Programs	2,705	302	2,005	300	91	6	0	0
Naval Nuclear Propulsion Program	958	62	*	897	0	0	0	0

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Office of Defense Nuclear Nonproliferation	391	2	355	22	13	0	0	0
Nuclear Energy	811	64	599	145	2	1	0	1
Office of Cybersecurity, Energy Security, and Emergency Response	216	5	121	64	26	0	0	0
Office of Science	6,493	253	5,460	69	664	11	36	0
Department of Health and Human Services	49,578	9,072	949	5,096	27,386	6,577	204	293
Administration for Children and Families	7	*	0	0	3	3	0	0
Administration for Community Living	113	0	0	5	81	27	*	0
Advanced Research Projects Agency for Health	1,644	23	40	623	915	43	0	0
Agency for Healthcare Research and Quality	374	83	0	144	116	30	*	0
Agency for Toxic Substances and Disease Registry	6	0	0	0	3	1	2	0
Biomedical Advanced Research and Development Authority	1,926	88	0	1,812	23	3	*	0
Centers for Disease Control and Prevention	399	59	0	29	220	43	27	20
Centers for Medicare and Medicaid Services	36	15	0	18	2	*	0	0
Food and Drug Administration	707	435	0	10	87	99	69	7
Health Resources and Services Administration	79	3	0	1	73	2	1	0
National Institutes of Health	44,253	8,364	909	2,429	25,862	6,319	104	266
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	553	51	23	373	98	8	0	1
Coast Guard	7	0	0	7	0	0	0	0
Countering Weapons of Mass Destruction Office	65	0	16	38	11	0	0	0
Cybersecurity and Infrastructure Security Agency	5	1	0	0	*	3	0	0
Science and Technology Directorate	461	48	6	316	87	5	0	1
Secret Service	2	2	*	0	0	0	0	0
Transportation Security Administration	14	1	1	12	0	0	0	0
Department of the Interior	509	405	*	12	78	5	9	*
Bureau of Indian Affairs	5	0	0	0	0	0	5	0
Bureau of Land Management	12	5	*	*	5	2	*	0
Bureau of Reclamation	30	14	*	5	8	1	2	0
Bureau of Safety and Environmental Enforcement	11	2	0	5	4	*	0	*
Fish and Wildlife Service	48	48	0	0	0	0	0	0
Geological Survey	398	334	0	2	60	1	1	0
National Park Service	5	2	0	0	2	1	0	0
Department of Justice	125	4	0	16	58	42	5	0

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Bureau of Prisons	*	*	0	0	0	0	*	0
Federal Bureau of Investigation	6	0	0	6	0	0	0	0
Office of Justice Programs	119	4	0	10	58	42	5	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	1,167	268	89	502	171	38	97	2
Federal Aviation Administration	460	65	84	218	65	6	20	2
Federal Highway Administration	420	97	0	176	65	9	74	0
Federal Motor Carrier Safety Administration	17	10	1	5	0	1	0	0
Federal Railroad Administration	51	9	1	31	6	4	1	0
Federal Transit Administration	8	2	0	0	2	2	2	0
National Highway Traffic Safety Administration	109	1	2	59	31	15	0	0
Office of the Secretary of Transportation	81	75	0	6	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	22	10	2	7	2	2	0	0
Department of the Treasury	57	2	6	28	0	0	0	21
Bureau of Engraving and Printing	57	2	6	28	0	0	0	21
Mint	*	*	0	0	0	0	0	0
Department of Veterans Affairs	1,954	1,954	0	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	*	0	0	*	*	*	0	0
Consumer Product Safety Commission	*	*	0	0	0	0	0	0
Environmental Protection Agency	535	300	0	178	48	9	0	0
Federal Trade Commission	10	10	0	0	0	0	0	0
Library of Congress	5	5	0	0	0	0	0	0
National Aeronautics and Space Administration	11,661	1,650	2,559	5,182	2,028	211	3	28
National Science Foundation	6,883	104	339	491	5,560	351	22	16
Nuclear Regulatory Commission	46	10	22	14	0	0	0	*
Patient-Centered Outcomes Research Trust Fund	543	0	0	0	0	543	0	0
Postal Service	6	0	0	6	0	0	0	0
RESTORE Act Centers of Excellence Research Grants Program	1	0	0	0	0	0	1	0
Smithsonian Institution	254	254	0	0	0	0	0	0

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Social Security Administration	111	52	0	43	11	4	0	0
Tennessee Valley Authority	121	0	0	111	0	10	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. 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.