

TABLE 7

Federal obligations for research and experimental development, by agency and performer: FY 2023

(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	186,417	43,697	16,389	67,990	45,018	11,861	683	778
Departments								
Department of Agriculture	3,529	1,924	0	55	1,461	61	17	12
Agricultural Marketing Service	13	6	0	0	1	0	6	*
Agricultural Research Service	1,744	1,467	0	0	243	25	*	9
Animal and Plant Health Inspection Service	48	24	0	0	23	0	0	0
Economic Research Service	93	86	0	*	3	3	0	0
Forest Service	350	307	0	1	33	2	7	*
National Agricultural Statistics Service	11	11	0	0	*	1	0	0
National Institute of Food and Agriculture	1,249	12	0	54	1,147	30	3	2
Natural Resources Conservation Service	21	11	0	*	10	0	*	0
Department of Commerce	2,348	1,638	26	77	585	18	4	1
Census Bureau	284	284	0	0	0	0	0	0
National Institute of Standards and Technology	898	746	17	33	95	7	0	1
National Oceanic and Atmospheric Administration	1,149	597	9	43	487	10	4	*
National Telecommunications and Information Administration	16	11	0	1	4	0	0	0
Department of Defense	85,890	24,376	2,416	50,006	5,678	3,110	25	280
Defense Advanced Research Projects Agency	3,779	259	137	2,594	620	146	1	22
Defense Health Agency	2,738	296	7	627	923	831	0	54
Department of the Air Force	15,848	4,850	290	8,807	1,213	658	4	27
Department of the Army	14,470	3,249	172	9,540	775	718	*	16
Department of the Navy	21,302	8,466	302	10,860	1,390	225	3	55
Space Force	8,216	576	291	7,267	52	21	6	3
Other defense agencies	19,537	6,680	1,218	10,310	705	511	11	102
Department of Education	372	0	0	35	178	108	51	0
Department of Energy	16,145	1,319	9,828	2,616	2,110	172	97	3
Advanced Research Projects Agency—Energy	471	8	48	234	165	15	0	0
Electricity Delivery and Energy Reliability	139	1	123	2	11	2	*	0
Energy Efficiency and Renewable Energy	2,933	20	1,656	688	479	55	35	0
Environmental Management	37	*	33	4	0	0	0	0
Fossil Energy	1,012	647	93	0	163	81	28	*
National Nuclear Security Administration	4,078	371	2,604	1,070	32	0	0	0
Defense Programs	2,832	310	2,241	268	12	0	0	0
Naval Nuclear Propulsion Program	841	59	*	783	0	0	0	0

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Office of Defense Nuclear Nonproliferation	405	3	363	19	20	0	0	0
Nuclear Energy	836	48	577	153	51	4	2	2
Office of Cybersecurity, Energy Security, and Emergency Response	149	3	136	4	3	3	0	0
Office of Science	6,491	222	4,557	461	1,206	13	30	*
Department of Health and Human Services	52,528	9,273	921	8,245	26,489	7,052	204	344
Administration for Children and Families	7	*	0	0	2	5	0	0
Administration for Community Living	113	0	0	6	80	26	*	0
Advanced Research Projects Agency for Health	794	0	0	332	414	48	0	0
Agency for Healthcare Research and Quality	374	83	0	144	116	30	*	0
Agency for Toxic Substances and Disease Registry	19	0	0	0	11	5	2	*
Biomedical Advanced Research and Development Authority	5,913	187	0	5,198	117	367	0	43
Centers for Disease Control and Prevention	454	68	0	49	232	56	26	24
Centers for Medicare and Medicaid Services	35	15	0	18	2	*	0	0
Food and Drug Administration	710	437	0	10	88	100	70	7
Health Resources and Services Administration	81	4	0	1	74	2	1	0
National Institutes of Health	43,994	8,478	921	2,462	25,353	6,405	105	270
Office of the Secretary of Health and Human Services	34	3	0	25	*	7	0	0
Office of the Assistant Secretary for Planning and Evaluation	34	3	0	25	*	7	0	0
Department of Homeland Security	648	245	29	282	74	8	5	6
Coast Guard	7	0	0	7	0	0	0	0
Countering Weapons of Mass Destruction Office	67	0	18	37	12	0	0	0
Cybersecurity and Infrastructure Security Agency	8	1	1	0	*	5	0	0
Science and Technology Directorate	530	238	7	211	61	2	5	6
Secret Service	4	2	*	1	0	0	0	0
Transportation Security Administration	32	3	3	25	0	1	0	0
Department of the Interior	516	410	*	11	80	5	9	*
Bureau of Indian Affairs	5	0	0	0	0	0	5	0
Bureau of Land Management	13	7	*	*	4	2	*	0
Bureau of Reclamation	32	15	*	5	8	1	3	0
Bureau of Safety and Environmental Enforcement	10	2	0	4	4	*	0	*
Fish and Wildlife Service	41	41	0	0	0	0	0	0
Geological Survey	409	344	0	2	62	1	1	0
National Park Service	5	2	0	0	2	1	0	0
Department of Justice	115	5	0	21	51	33	4	0

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Bureau of Prisons	*	*	0	0	0	0	*	0
Federal Bureau of Investigation	6	0	0	5	1	0	0	0
Office of Justice Programs	108	5	0	16	50	33	4	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	56	56	0	0	0	0	0	0
Department of Transportation	1,173	261	86	392	168	47	217	2
Federal Aviation Administration	439	59	81	214	61	5	19	2
Federal Highway Administration	435	68	1	81	68	22	195	0
Federal Motor Carrier Safety Administration	16	11	*	5	0	*	0	0
Federal Railroad Administration	50	8	1	30	6	4	1	0
Federal Transit Administration	8	1	0	0	2	2	2	0
National Highway Traffic Safety Administration	93	2	2	52	24	12	0	0
Office of the Secretary of Transportation	94	89	0	5	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	38	23	2	5	6	2	0	0
Department of the Treasury	53	3	6	23	0	0	0	21
Bureau of Engraving and Printing	52	2	6	23	0	0	0	21
Mint	1	1	0	0	0	0	0	0
Department of Veterans Affairs	1,916	1,789	127	0	0	0	0	0
Other agencies								
Agency for Global Media	9	1	0	7	0	0	0	1
Agency for International Development	252	24	0	14	119	32	0	63
Appalachian Regional Commission	2	0	0	1	*	*	0	0
Consumer Product Safety Commission	*	*	0	0	0	0	0	0
Environmental Protection Agency	572	286	1	204	68	13	0	*
Federal Trade Commission	3	3	0	0	0	0	0	0
Library of Congress	3	3	0	0	0	0	0	0
National Aeronautics and Space Administration	11,715	1,677	2,562	5,346	1,896	204	3	28
National Science Foundation	7,490	109	354	513	6,048	427	22	17
Nuclear Regulatory Commission	47	2	33	9	1	1	0	2
Patient-Centered Outcomes Research Trust Fund	553	0	0	0	0	553	0	0
Postal Service	7	0	0	7	0	0	0	0
RESTORE Act Centers of Excellence Research Grants Program	23	0	0	0	0	0	23	0
Smithsonian Institution	242	242	0	0	0	0	0	0

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Social Security Administration	96	49	0	24	12	9	3	0
Tennessee Valley Authority	111	0	0	102	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. 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.