

TABLE 4

**Federal obligations and outlays for research and experimental development, by agency: FYs 2023–24**

(Dollars in millions)

Agency	Obligations		Outlays	
	2023	2024 (preliminary)	2023	2024 (preliminary)
All agencies	186,417	195,656	169,086	180,014
Departments				
Department of Agriculture	3,529	3,607	3,059	3,491
Agricultural Marketing Service	13	14	6	6
Agricultural Research Service	1,744	1,877	1,662	1,946
Animal and Plant Health Inspection Service	48	47	47	45
Economic Research Service	93	91	93	91
Forest Service	350	300	307	300
National Agricultural Statistics Service	11	11	11	11
National Institute of Food and Agriculture	1,249	1,250	911	1,073
Natural Resources Conservation Service	21	18	22	19
Department of Commerce	2,348	8,777	2,273	2,642
Census Bureau	284	312	284	312
National Institute of Standards and Technology	898	7,366	857	1,355
National Oceanic and Atmospheric Administration	1,149	1,066	1,125	953
National Telecommunications and Information Administration	16	33	6	21
Department of Defense	85,890	93,001	75,554	87,417
Defense Advanced Research Projects Agency	3,779	4,739	4,036	4,388
Defense Health Agency	2,738	2,883	2,248	2,225
Department of the Air Force	15,848	17,583	13,511	15,129
Department of the Army	14,470	15,799	11,516	15,485
Department of the Navy	21,302	23,409	19,626	22,653
Space Force	8,216	9,667	7,077	9,329
Other defense agencies	19,537	18,921	17,540	18,207
Department of Education	372	417	327	367
Department of Energy	16,145	15,435	13,087	14,013
Advanced Research Projects Agency—Energy	471	460	399	0
Electricity Delivery and Energy Reliability	139	176	114	167
Energy Efficiency and Renewable Energy	2,933	2,187	1,411	1,935
Environmental Management	37	39	43	39
Fossil Energy	1,012	1,000	818	903
National Nuclear Security Administration	4,078	4,054	3,905	4,263
Defense Programs	2,832	2,705	2,759	2,914
Naval Nuclear Propulsion Program	841	958	741	958
Office of Defense Nuclear Nonproliferation	405	391	405	391
Nuclear Energy	836	811	291	283
Office of Cybersecurity, Energy Security, and Emergency Response	149	216	66	84
Office of Science	6,491	6,493	6,041	6,340
Department of Health and Human Services	52,528	49,578	50,958	47,019
Administration for Children and Families	7	7	7	7
Administration for Community Living	113	113	113	113
Advanced Research Projects Agency for Health	794	1,644	0	0
Agency for Healthcare Research and Quality	374	374	374	374
Agency for Toxic Substances and Disease Registry	19	6	0	0
Biomedical Advanced Research and Development Authority	5,913	1,926	5,913	1,926
Centers for Disease Control and Prevention	454	399	198	175
Centers for Medicare and Medicaid Services	35	36	4	4
Food and Drug Administration	710	707	636	633
Health Resources and Services Administration	81	79	72	64
National Institutes of Health	43,994	44,253	43,608	43,690

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Agency	Obligations		Outlays	
	2023	2024 (preliminary)	2023	2024 (preliminary)
Office of the Secretary of Health and Human Services	34	35	34	35
Office of the Assistant Secretary for Planning and Evaluation	34	35	34	35
Department of Homeland Security	648	553	584	524
Coast Guard	7	7	7	7
Countering Weapons of Mass Destruction Office	67	65	67	65
Cybersecurity and Infrastructure Security Agency	8	5	8	5
Science and Technology Directorate	530	461	470	432
Secret Service	4	2	*	2
Transportation Security Administration	32	14	32	14
Department of the Interior	516	509	515	506
Bureau of Indian Affairs	5	5	5	5
Bureau of Land Management	13	12	13	12
Bureau of Reclamation	32	30	32	30
Bureau of Safety and Environmental Enforcement	10	11	10	9
Fish and Wildlife Service	41	48	41	48
Geological Survey	409	398	409	398
National Park Service	5	5	4	4
Department of Justice	115	125	21	23
Bureau of Prisons	*	*	*	*
Federal Bureau of Investigation	6	6	6	6
Office of Justice Programs	108	119	15	17
Department of Labor	2	2	1	1
Employee Benefits Security Administration	2	2	1	1
Department of State	56	34	56	34
Department of Transportation	1,173	1,167	854	889
Federal Aviation Administration	439	460	290	329
Federal Highway Administration	435	420	292	283
Federal Motor Carrier Safety Administration	16	17	13	14
Federal Railroad Administration	50	51	50	51
Federal Transit Administration	8	8	23	21
National Highway Traffic Safety Administration	93	109	77	83
Office of the Secretary of Transportation	94	81	89	81
Pipeline and Hazardous Materials Safety Administration	38	22	20	27
Department of the Treasury	53	57	53	57
Bureau of Engraving and Printing	52	57	52	57
Mint	1	*	1	*
Department of Veterans Affairs	1,916	1,954	1,761	1,812
Other agencies				
Agency for Global Media	9	9	9	9
Agency for International Development	252	252	252	252
Appalachian Regional Commission	2	*	1	1
Consumer Product Safety Commission	*	*	*	*
Environmental Protection Agency	572	535	572	535
Federal Trade Commission	3	10	3	10
Library of Congress	3	5	3	5
National Aeronautics and Space Administration	11,715	11,661	11,281	11,714
National Science Foundation	7,490	6,883	6,780	7,580
Nuclear Regulatory Commission	47	46	69	67
Patient-Centered Outcomes Research Trust Fund	553	543	555	546
Postal Service	7	6	7	6

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RESTORE Act Centers of Excellence Research Grants Program	23	1	5	6
Smithsonian Institution	242	254	242	254
Social Security Administration	96	111	91	111
Tennessee Valley Authority	111	121	111	121

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

**Note(s):**

Because of rounding, detail may not add to total. Only those agencies and subdivisions that had obligations or outlays 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.