

TABLE 3

**Federal obligations and outlays for research, experimental development, and R&D plant, by agency: FYs 2022–23**

(Dollars in millions)

Agency	Obligations		Outlays	
	2022	2023 (preliminary)	2022	2023 (preliminary)
All agencies	196,595	192,969	183,064	177,595
Departments				
Department of Agriculture	3,315	3,546	2,958	3,695
Agricultural Marketing Service	10	9	5	5
Agricultural Research Service	1,821	1,900	1,594	2,160
Animal and Plant Health Inspection Service	45	49	45	49
Economic Research Service	88	93	88	93
Forest Service	339	323	306	323
National Agricultural Statistics Service	11	11	11	11
National Institute of Food and Agriculture	986	1,145	908	1,054
Natural Resources Conservation Service	16	16	1	*
Department of Commerce	2,390	4,058	2,336	3,003
Census Bureau	202	312	202	312
National Institute of Standards and Technology	958	1,563	992	1,159
National Oceanic and Atmospheric Administration	1,218	2,169	1,130	1,518
National Telecommunications and Information Administration	13	14	13	14
Department of Defense	72,607	89,221	68,968	81,931
Defense Advanced Research Projects Agency	3,609	4,191	3,703	3,938
Defense Health Agency	2,136	2,562	2,112	2,013
Department of the Air Force	14,029	16,153	13,099	14,779
Department of the Army	12,060	15,518	11,284	14,418
Department of the Navy	17,551	22,157	16,450	20,131
Space Force	4,951	8,626	4,319	8,237
Other defense agencies	18,272	20,014	18,000	18,415
Department of Education	402	354	285	274
Department of Energy	17,977	18,586	15,068	16,766
Advanced Research Projects Agency—Energy	403	470	339	386
Electricity Delivery and Energy Reliability	114	156	111	141
Energy Efficiency and Renewable Energy	1,659	1,828	1,469	1,618
Environmental Management	36	43	22	26
Fossil Energy	588	963	629	798
National Nuclear Security Administration	5,219	5,546	4,630	4,934
Defense Programs	3,456	3,702	3,245	3,114
Naval Nuclear Propulsion Program	1,382	1,419	1,018	1,419
Office of Defense Nuclear Nonproliferation	381	426	366	402
Nuclear Energy	1,176	1,636	866	1,349
Office of Cybersecurity, Energy Security, and Emergency Response	37	63	*	*
Office of Science	8,746	7,882	7,003	7,513
Department of Health and Human Services	74,388	49,677	69,148	45,077
Administration for Children and Families	5	9	4	4
Administration for Community Living	107	113	107	113
Agency for Healthcare Research and Quality	350	374	350	374
Agency for Toxic Substances and Disease Registry	12	12	12	12
Biomedical Advanced Research and Development Authority	28,414	818	28,414	818
Centers for Disease Control and Prevention	565	459	232	190
Centers for Medicare and Medicaid Services	419	427	270	275
Food and Drug Administration	571	641	536	602
Health Resources and Services Administration	40	50	40	36
National Institutes of Health	43,869	46,736	39,148	42,616
Office of the Secretary of Health and Human Services	36	38	36	38

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	2022	2023 (preliminary)	2022	2023 (preliminary)
Office of the Assistant Secretary for Planning and Evaluation	36	38	36	38
Department of Homeland Security	581	599	549	724
Coast Guard	7	7	7	7
Countering Weapons of Mass Destruction Office	66	65	66	65
Cybersecurity and Infrastructure Security Agency	6	9	6	9
Science and Technology Directorate	502	514	470	643
Secret Service	1	4	1	*
Transportation Security Administration	*	*	*	*
Department of the Interior	947	1,050	929	1,037
Bureau of Indian Affairs	5	5	5	5
Bureau of Land Management	12	13	12	13
Bureau of Ocean Energy Management	86	88	66	84
Bureau of Reclamation	29	46	29	46
Bureau of Safety and Environmental Enforcement	14	22	19	21
Fish and Wildlife Service	35	44	35	41
Geological Survey	737	803	737	803
National Park Service	28	28	25	25
Department of Justice	111	139	18	31
Bureau of Prisons	*	*	*	*
Federal Bureau of Investigation	9	21	9	21
Office of Justice Programs	102	118	9	11
Department of Labor	4	4	3	3
Employee Benefits Security Administration	2	2	1	1
Occupational Safety and Health Administration	2	2	2	2
Department of State	65	60	65	60
Department of Transportation	1,111	1,266	701	817
Federal Aviation Administration	511	520	250	340
Federal Highway Administration	383	463	263	237
Federal Motor Carrier Safety Administration	24	15	11	15
Federal Railroad Administration	40	49	46	48
Federal Transit Administration	13	49	27	27
National Highway Traffic Safety Administration	92	96	70	76
Office of the Secretary of Transportation	24	51	25	51
Pipeline and Hazardous Materials Safety Administration	24	22	9	22
Department of the Treasury	47	90	48	90
Bureau of Engraving and Printing	47	90	48	90
Department of Veterans Affairs	1,696	1,930	1,610	1,641
Other agencies				
Administrative Office of the U.S. Courts	1	0	1	0
Agency for Global Media	8	8	8	8
Agency for International Development	221	221	221	221
Appalachian Regional Commission	1	1	1	1
Consumer Product Safety Commission	*	*	*	*
Environmental Protection Agency	531	574	531	574
Federal Trade Commission	3	10	3	10
Library of Congress	3	3	3	3
National Aeronautics and Space Administration	11,750	11,858	12,199	13,141
National Science Foundation	7,425	8,518	6,386	7,297
Nuclear Regulatory Commission	61	83	82	95
Patient-Centered Outcomes Research Trust Fund	522	560	522	560

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	2022	2023 (preliminary)	2022	2023 (preliminary)
Postal Service	14	14	14	14
RESTORE Act Centers of Excellence Research Grants Program	7	23	4	4
Smithsonian Institution	297	316	297	316
Social Security Administration	79	106	79	106
Tennessee Valley Authority	28	94	28	94

\* = 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. FY 2022 obligations include additional funding provided by supplemental COVID-19 pandemic-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act). 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 2022–23.