

TABLE 41

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

(Dollars in thousands)

Agency	Obligations		Outlays	
	2022	2023 (preliminary)	2022	2023 (preliminary)
All agencies	6,173,332	6,520,860	4,184,640	5,705,619
Departments				
Department of Agriculture	179,440	58,275	109,460	133,275
Agricultural Research Service	170,061	42,000	100,081	117,000
Forest Service	9,379	16,275	9,378	16,275
Department of Commerce	379,425	1,252,736	402,451	640,563
National Institute of Standards and Technology	96,158	198,424	184,951	149,063
National Oceanic and Atmospheric Administration	281,767	1,052,812	216,000	490,000
National Telecommunications and Information Administration	1,500	1,500	1,500	1,500
Department of Defense	255,660	356,552	251,464	263,679
Department of the Air Force	130,765	269,778	164,182	223,656
Department of the Navy	62,776	75,905	25,638	31,000
Other defense agencies	62,118	10,869	61,644	9,024
Department of Energy	4,279,970	3,479,651	2,607,617	3,140,263
Energy Efficiency and Renewable Energy	48,601	66,078	43,047	58,149
Fossil Energy	29,000	25,200	18,674	27,400
National Nuclear Security Administration	1,207,904	1,364,110	687,513	1,068,419
Defense Programs	618,449	763,313	417,857	452,371
Naval Nuclear Propulsion Program	574,520	577,223	269,641	616,025
Office of Defense Nuclear Nonproliferation	14,935	23,574	15	24
Nuclear Energy	372,184	517,551	304,289	473,995
Office of Science	2,622,282	1,506,712	1,554,094	1,512,299
Department of Health and Human Services	291,447	406,694	221,411	344,462
Biomedical Advanced Research and Development Authority	1,031	0	1,031	0
Food and Drug Administration	10,415	11,694	33,704	37,841
National Institutes of Health	280,000	395,000	186,675	306,621
Department of Homeland Security	10,818	55,000	12,217	99,000
Science and Technology Directorate	10,818	55,000	12,217	99,000
Department of the Interior	6,872	6,166	12,781	6,666
Bureau of Reclamation	1,650	1,666	1,650	1,666
Bureau of Safety and Environmental Enforcement	5,222	4,500	11,131	5,000
Department of Transportation	37,918	39,427	33,071	37,338
Federal Aviation Administration	33,387	33,989	28,000	32,000
Federal Railroad Administration	4,031	4,938	4,571	4,838
National Highway Traffic Safety Administration	500	500	500	500
Department of the Treasury	0	18,282	0	18,282
Bureau of Engraving and Printing	0	18,282	0	18,282
Other agencies				
Environmental Protection Agency	5,800	2,300	5,800	2,300
National Aeronautics and Space Administration	126,953	107,500	61,769	240,792
National Science Foundation	529,429	664,277	397,000	705,000
Smithsonian Institution	69,600	74,000	69,600	74,000

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.