

TABLE 41

Federal obligations and outlays for R&D plant, by agency: FYs 2021–22

(Dollars in thousands)

Agency	Obligations		Outlays	
	2021	2022 (preliminary)	2021	2022 (preliminary)
All agencies	4,282,438	4,492,112	3,804,699	4,315,922
Departments				
Department of Agriculture	57,426	19,038	111,441	253,038
Agricultural Research Service	45,525	9,000	99,541	243,000
Forest Service	11,540	10,038	11,540	10,038
Natural Resources Conservation Service	360	0	360	0
Department of Commerce	428,949	620,055	264,772	377,470
National Institute of Standards and Technology	250,591	142,515	120,772	195,470
National Oceanic and Atmospheric Administration	178,358	477,540	144,000	182,000
Department of Defense	168,901	161,628	211,478	166,381
Department of the Air Force	121,334	117,012	163,206	120,161
Department of the Navy	37,246	36,175	37,520	36,442
Other defense agencies	10,322	8,441	10,752	9,778
Department of Energy	2,667,997	2,472,518	2,329,800	2,386,247
Energy Efficiency and Renewable Energy	41,696	60,882	38,234	49,958
Fossil Energy	29,000	29,000	27,700	29,000
National Nuclear Security Administration	967,480	863,041	836,073	772,166
Defense Programs	617,475	437,136	497,539	357,732
Naval Nuclear Propulsion Program	331,000	406,900	331,000	406,900
Office of Defense Nuclear Nonproliferation	19,005	19,005	7,534	7,534
Office of Science	1,629,821	1,519,595	1,427,793	1,535,123
Department of Health and Human Services	398,710	240,556	354,960	340,376
Biomedical Advanced Research and Development Authority	160,005	171	160,005	171
Food and Drug Administration	7,993	9,074	35,411	40,200
Health Resources and Services Administration	1,311	1,311	1,289	1,289
National Institutes of Health	229,400	230,000	158,254	298,716
Department of Homeland Security	19,831	20,000	13,035	27,000
Science and Technology Directorate	18,831	19,000	12,035	26,000
Transportation Security Administration	1,000	1,000	1,000	1,000
Department of the Interior	12,865	7,650	1,500	1,650
Bureau of Reclamation	1,500	1,650	1,500	1,650
Bureau of Safety and Environmental Enforcement	11,365	6,000	0	0
Department of Transportation	37,033	37,997	28,500	30,500
Federal Aviation Administration	35,101	35,735	27,000	28,000
Federal Railroad Administration	1,432	1,762	1,000	2,000
National Highway Traffic Safety Administration	500	500	500	500
Department of the Treasury	0	360	0	360
Mint	0	360	0	360
Other agencies				
Environmental Protection Agency	5,810	5,800	5,810	5,800
National Aeronautics and Space Administration	52,056	99,400	43,303	54,000
National Science Foundation	432,861	807,110	371,000	604,000
Smithsonian Institution	0	0	69,100	69,100

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. FYs 2021 and 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 2021–22.