

TABLE 53

Federal obligations and outlays for R&D plant, by agency: FYs 2020–21

(Dollars in thousands)

Agency	Obligations		Outlays	
	2020	2021 (preliminary)	2020	2021 (preliminary)
All agencies	6,150,070.1	5,942,874.4	4,785,758.2	6,700,908.1
Departments				
Department of Agriculture	789,827.6	31,684.4	75,466.5	159,684.4
Agricultural Research Service	780,407.1	20,000.0	66,046.0	148,000.0
Forest Service	9,420.5	11,684.4	9,420.5	11,684.4
Department of Commerce	359,142.7	548,567.0	261,362.6	344,658.0
National Institute of Standards and Technology	142,897.3	309,748.0	94,310.6	163,658.0
National Oceanic and Atmospheric Administration	216,245.4	238,819.0	167,052.0	181,000.0
Department of Defense	311,736.4	158,613.9	506,856.3	706,281.6
Defense Health Agency	15,460.0	0.0	15,460.0	0.0
Department of the Air Force	240,734.5	110,518.0	192,785.5	132,215.7
Department of the Navy	44,688.0	37,479.0	284,390.3	562,078.9
Other defense agencies	10,853.9	10,616.9	14,220.5	11,987.0
Department of Energy	2,324,950.3	2,171,214.4	1,789,823.3	2,407,143.0
Energy Efficiency and Renewable Energy	53,288.0	38,707.0	54,547.0	31,571.0
Fossil Energy	28,675.0	29,000.0	23,899.0	27,700.0
National Nuclear Security Administration	573,916.7	520,846.4	511,873.3	739,399.0
Defense Programs	326,936.7	189,846.4	255,893.3	396,950.0
Naval Nuclear Propulsion Program	246,980.0	331,000.0	246,980.0	331,000.0
Office of Defense Nuclear Nonproliferation	0.0	0.0	9,000.0	11,449.0
Office of Science	1,669,070.6	1,582,661.0	1,199,504.0	1,608,473.0
Department of Health and Human Services	1,769,029.1	2,354,850.0	1,501,594.1	2,442,076.3
Biomedical Advanced Research and Development Authority	1,295,716.2	2,100,076.8	1,295,716.2	2,100,076.8
Food and Drug Administration	20,312.9	24,773.2	27,878.0	33,999.5
National Institutes of Health	453,000.0	230,000.0	178,000.0	308,000.0
Department of Homeland Security	0.0	0.0	69,704.2	10,000.0
Science and Technology Directorate	0.0	0.0	69,704.2	10,000.0
Department of the Interior	7,156.6	12,000.0	5,001.2	9,105.5
Bureau of Reclamation	1,704.5	1,150.0	1,704.5	1,150.0
Bureau of Safety and Environmental Enforcement	5,452.1	10,850.0	3,296.7	7,955.5
Department of Transportation	40,321.8	28,823.8	51,923.2	36,762.0
Federal Aviation Administration	38,380.9	26,787.1	50,000.0	35,000.0
Federal Railroad Administration	1,940.9	2,036.7	1,923.2	1,762.0
Department of the Treasury	0.0	0.0	2,126.4	344.0
Bureau of Engraving and Printing	0.0	0.0	1,860.0	0.0
U.S. Mint	0.0	0.0	266.4	344.0
Other agencies				
Environmental Protection Agency	4,499.0	2,310.0	4,499.0	2,310.0
National Aeronautics and Space Administration	35,801.5	34,111.8	27,365.6	13,953.4
National Science Foundation	441,365.1	533,259.1	423,000.0	501,000.0
Nuclear Regulatory Commission	0.0	0.0	795.7	150.0
Smithsonian Institution	66,240.0	67,440.0	66,240.0	67,440.0

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. FYs 2020 and 2021 obligations include additional funding provided by supplemental COVID-19 related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act).

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2020–21.