

**TABLE 55**  
**Preliminary federal obligations for R&D plant, by agency and R&D performer: FY 2021**

(Dollars in thousands)

Agency	Total	Intramural <sup>a</sup>	Extramural							
			United States and U.S. territories							Foreign
			Industry	Industry-administered FFRDCs	Universities and colleges	University-administered FFRDCs	Other nonprofits	Nonprofit-administered FFRDCs	State, local governments	
All agencies	5,942,874.4	1,088,406.7	2,720,362.2	30,521.9	343,383.5	809,760.0	151,352.0	792,591.6	6,000.0	496.5
Departments										
Department of Agriculture	31,684.4	31,684.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Agricultural Research Service	20,000.0	20,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Forest Service	11,684.4	11,684.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Commerce	548,567.0	548,567.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institute of Standards and Technology	309,748.0	309,748.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Oceanic and Atmospheric Administration	238,819.0	238,819.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Defense	158,613.9	156,954.7	1,659.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Air Force	110,518.0	110,518.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Navy	37,479.0	37,479.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other defense agencies	10,616.9	8,957.7	1,659.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Energy	2,171,214.4	40,114.3	489,735.7	30,521.9	6,662.4	806,385.0	0.0	792,591.6	5,203.5	0.0
Energy Efficiency and Renewable Energy	38,707.0	0.0	0.0	0.0	0.0	0.0	0.0	38,707.0	0.0	0.0
Fossil Energy	29,000.0	29,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Nuclear Security Administration	520,846.4	8,046.4	483,600.0	29,200.0	0.0	0.0	0.0	0.0	0.0	0.0
Defense Programs	189,846.4	8,046.4	152,600.0	29,200.0	0.0	0.0	0.0	0.0	0.0	0.0
Naval Nuclear Propulsion Program	331,000.0	0.0	331,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Science	1,582,661.0	3,067.8	6,135.7	1,321.9	6,662.4	806,385.0	0.0	753,884.6	5,203.5	0.0
Department of Health and Human Services	2,354,850.0	226,826.3	2,100,076.8	0.0	27,946.8	0.0	0.0	0.0	0.0	0.0
Biomedical Advanced Research and Development Authority	2,100,076.8	0.0	2,100,076.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Food and Drug Administration	24,773.2	24,773.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institutes of Health	230,000.0	202,053.2	0.0	0.0	27,946.8	0.0	0.0	0.0	0.0	0.0
Department of the Interior	12,000.0	958.0	10,942.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
Bureau of Reclamation	1,150.0	600.0	450.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0

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			United States and U.S. territories								
			Industry	Industry-administered FFRDCs	Universities and colleges	University-administered FFRDCs	Other nonprofits	Nonprofit-administered FFRDCs	State, local governments		
Bureau of Safety and Environmental Enforcement	10,850.0	358.0	10,492.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Transportation	28,823.8	2,386.3	26,437.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Aviation Administration	26,787.1	499.6	26,287.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Railroad Administration	2,036.7	1,886.7	150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other agencies											
Environmental Protection Agency	2,310.0	0.0	2,310.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	34,111.8	92.4	30,644.5	0.0	0.0	3,375.0	0.0	0.0	0.0	0.0	0.0
National Science Foundation	533,259.1	13,383.3	58,556.7	0.0	308,774.2	0.0	151,352.0	0.0	696.4	496.5	0.0
Smithsonian Institution	67,440.0	67,440.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

FFRDC = federally funded research and development center.

<sup>a</sup> Intramural activities cover costs associated with the administration of intramural R&D programs and extramural R&D procurements by federal personnel as well as actual intramural performance.**Note(s):**

Because of rounding, detail may not add to total. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. Federal intramural amounts for the Biomedical Advanced Research and Development Authority are transfers to the other agencies in support of Operation Warp Speed. FYs 2021 obligations include additional funding provided by supplemental COVID-19 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 2020–21.