

TABLE 54

Federal obligations for R&D plant, by agency and R&D performer: FY 2020

(Dollars in thousands)

Agency	Total	Intramural ^a	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	6,150,070.1	3,105,970.3	677,515.5	222,083.8	350,607.7	867,811.2	125,270.3	793,747.5	6,652.9	410.9
Departments										
Department of Agriculture	789,827.6	789,827.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Agricultural Research Service	780,407.1	780,407.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Forest Service	9,420.5	9,420.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Commerce	359,142.7	359,142.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institute of Standards and Technology	142,897.3	142,897.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Oceanic and Atmospheric Administration	216,245.4	216,245.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Defense	311,736.4	297,404.6	14,331.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Defense Health Agency	15,460.0	3,335.2	12,124.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Air Force	240,734.5	240,734.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Navy	44,688.0	44,688.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other defense agencies	10,853.9	8,646.9	2,206.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Energy	2,324,950.3	42,675.0	369,832.9	222,083.8	40,000.0	850,611.2	0.0	793,747.5	6,000.0	0.0
Energy Efficiency and Renewable Energy	53,288.0	0.0	0.0	0.0	0.0	0.0	0.0	53,288.0	0.0	0.0
Fossil Energy	28,675.0	28,675.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Nuclear Security Administration	573,916.7	0.0	365,832.9	203,883.8	0.0	0.0	0.0	4,200.0	0.0	0.0
Defense Programs	326,936.7	0.0	118,852.9	203,883.8	0.0	0.0	0.0	4,200.0	0.0	0.0
Naval Nuclear Propulsion Program	246,980.0	0.0	246,980.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Science	1,669,070.6	14,000.0	4,000.0	18,199.9	40,000.0	850,611.2	0.0	736,259.5	6,000.0	0.0
Department of Health and Human Services	1,769,029.1	1,532,057.3	181,928.7	0.0	55,043.1	0.0	0.0	0.0	0.0	0.0

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Biomedical Advanced Research and Development Authority	1,295,716.2	1,113,787.5	181,928.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Food and Drug Administration	20,312.9	20,312.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institutes of Health	453,000.0	397,956.9	0.0	0.0	55,043.1	0.0	0.0	0.0	0.0	0.0
Department of the Interior	7,156.6	1,526.9	5,553.2	0.0	0.0	0.0	0.0	0.0	76.5	0.0
Bureau of Reclamation	1,704.5	1,178.0	450.0	0.0	0.0	0.0	0.0	0.0	76.5	0.0
Bureau of Safety and Environmental Enforcement	5,452.1	348.9	5,103.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Transportation	40,321.8	5,802.8	34,519.0	0.0	0.0	0.0	*	0.0	0.0	0.0
Federal Aviation Administration	38,380.9	4,011.8	34,369.0	0.0	0.0	0.0	*	0.0	0.0	0.0
Federal Railroad Administration	1,940.9	1,790.9	150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other agencies										
Environmental Protection Agency	4,499.0	0.0	4,499.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	35,801.5	216.4	18,385.0	0.0	0.0	17,200.0	0.0	0.0	0.0	0.0
National Science Foundation	441,365.1	11,077.0	48,465.9	0.0	255,564.6	0.0	125,270.3	0.0	576.4	410.9
Smithsonian Institution	66,240.0	66,240.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

* = amount greater than \$0 but less than \$50.

FFRDC = federally funded research and development center.

^a 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 2020 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.