

TABLE 55

**Preliminary federal obligations for R&D plant, by agency and R&D performer: FY 2020**

(Dollars in thousands)

Agency	Total	Intramural <sup>a</sup>	Extramural							Foreign
			United States and U.S. territories							
			Industry	Industry-administered FFRDCs	Universities and colleges	University-administered FFRDCs	Other nonprofits	Nonprofit-administered FFRDCs	State, local governments	
All agencies	4,759,030.8	1,652,027.0	207,549.2	350,325.0	427,055.1	799,308.1	241,908.0	1,076,333.0	999.2	3,526.1
Departments										
Department of Agriculture	430,008.0	430,008.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Agricultural Research Service	428,000.0	428,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Forest Service	2,008.0	2,008.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Commerce	618,526.0	618,526.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institute of Standards and Technology	371,979.0	371,979.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Oceanic and Atmospheric Administration	246,547.0	246,547.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Defense	305,580.7	276,884.0	22,202.4	3,833.0	1,686.3	775.0	0.0	200.0	0.0	0.0
Department of the Air Force	160,405.1	146,945.5	13,459.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Navy	134,322.2	120,611.1	7,216.8	3,833.0	1,686.3	775.0	0.0	200.0	0.0	0.0
Other defense agencies	10,853.4	9,327.3	1,526.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Energy	2,403,147.0	34,000.0	11,000.0	346,492.0	41,000.0	796,972.0	97,550.0	1,076,133.0	0.0	0.0
Energy Efficiency and Renewable Energy	418,575.0	0.0	0.0	0.0	0.0	0.0	0.0	418,575.0	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	292,492.0	0.0	11,000.0	281,492.0	0.0	0.0	0.0	0.0	0.0	0.0
Defense Programs	281,492.0	0.0	0.0	281,492.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Defense Nuclear Nonproliferation	11,000.0	0.0	11,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear Energy	65,000.0	0.0	0.0	65,000.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Science	1,598,080.0	5,000.0	0.0	0.0	41,000.0	796,972.0	97,550.0	657,558.0	0.0	0.0
Department of Health and Human Services	265,000.0	191,370.7	0.0	0.0	73,629.3	0.0	0.0	0.0	0.0	0.0
Food and Drug Administration	35,000.0	35,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institutes of Health	230,000.0	156,370.7	0.0	0.0	73,629.3	0.0	0.0	0.0	0.0	0.0

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Department of the Interior	8,397.9	1,373.6	7,024.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bureau of Reclamation	1,150.0	1,150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bureau of Safety and Environmental Enforcement	7,247.9	223.6	7,024.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Transportation	49,418.8	2,137.4	47,222.6	0.0	0.0	0.0	58.8	0.0	0.0	0.0
Federal Aviation Administration	47,682.8	2,137.4	45,486.6	0.0	0.0	0.0	58.8	0.0	0.0	0.0
Federal Railroad Administration	1,736.0	0.0	1,736.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Treasury	1,266.4	266.4	1,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bureau of Engraving and Printing	1,000.0	0.0	1,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.S. Mint	266.4	266.4	0.0	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	86,347.0	55,100.0	26,159.8	0.0	0.0	1,561.1	0.0	0.0	0.0	3,526.1
National Science Foundation	554,280.0	9,801.0	88,441.0	0.0	310,739.5	0.0	144,299.2	0.0	999.2	0.0
Smithsonian Institution	32,560.0	32,560.0	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. FY 2020 preliminary data do not include obligations from 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 2019–20.