

TABLE 13

**Federal obligations for research and experimental development to federally funded research and development centers, by FFRDC and agency: FY 2020**

(Dollars in thousands)

FFRDC	Total	DHS	DOC	DOD	DOE	HHS	NASA	NSF	Other <sup>a</sup>
All FFRDCs	13,149,898.4	91,608.3	24,018.5	1,822,049.2	7,566,095.5	930,545.7	2,265,696.9	267,164.9	182,719.4
Administered by industrial firms	4,118,731.7	17,280.1	0.0	442,165.3	2,771,094.8	862,133.3	10,204.4	0.0	15,853.8
Frederick National Laboratory for Cancer Research	856,993.0	0.0	0.0	1,641.8	0.0	855,351.2	0.0	0.0	0.0
Idaho National Laboratory	306,498.7	5,837.6	0.0	21,440.1	273,751.1	0.0	0.0	0.0	5,469.8
Lawrence Livermore National Laboratory	1,111,769.5	9,161.3	0.0	125,631.9	972,770.2	1,406.0	0.0	0.0	2,800.0
Los Alamos National Laboratory	800,178.4	1,327.0	0.0	28,032.2	755,170.6	3,944.2	10,204.4	0.0	1,500.0
Sandia National Laboratories	1,016,903.2	440.0	0.0	264,735.7	744,211.7	1,431.9	0.0	0.0	6,084.0
Savannah River National Laboratory	26,388.9	514.2	0.0	683.5	25,191.2	0.0	0.0	0.0	0.0
Administered by universities and colleges <sup>b</sup>	5,355,210.2	4,788.0	4,167.5	463,067.9	2,375,117.2	20,303.2	2,220,445.9	262,424.9	4,895.7
Ames Laboratory	34,595.1	0.0	0.0	199.1	34,396.1	0.0	0.0	0.0	0.0
Argonne National Laboratory	696,155.6	0.0	0.0	4,694.8	682,801.4	3,876.8	0.0	0.0	4,782.6
Fermi National Accelerator Laboratory	301,527.3	0.0	0.0	0.0	301,527.3	0.0	0.0	0.0	0.0
Jet Propulsion Laboratory	2,207,774.4	0.0	0.0	5,853.5	0.0	0.0	2,201,920.9	0.0	0.0
Lawrence Berkeley National Laboratory	813,185.1	0.0	0.0	23,423.0	773,335.7	16,426.4	0.0	0.0	0.0
Lincoln Laboratory	390,498.8	3,107.8	0.0	387,391.0	0.0	0.0	0.0	0.0	0.0
National Center for Atmospheric Research	122,519.3	0.0	4,167.5	13.8	0.0	0.0	18,524.9	99,700.0	113.0
National Optical Astronomy Observatory	45,765.4	0.0	0.0	0.0	0.0	0.0	0.0	45,765.4	0.0
National Radio Astronomy Observatory	95,168.7	0.0	0.0	0.0	0.0	0.0	0.0	95,168.7	0.0
National Solar Observatory	21,790.8	0.0	0.0	0.0	0.0	0.0	0.0	21,790.8	0.0
Princeton Plasma Physics Laboratory	118,966.1	0.0	0.0	2,992.5	115,973.6	0.0	0.0	0.0	0.0
SLAC National Accelerator Laboratory	336,317.3	1,680.2	0.0	4,437.5	330,199.6	0.0	0.0	0.0	0.0
Software Engineering Institute	34,062.8	0.0	0.0	34,062.8	0.0	0.0	0.0	0.0	0.0
Thomas Jefferson National Accelerator Facility	136,883.5	0.0	0.0	0.0	136,883.5	0.0	0.0	0.0	0.0
Administered by nonprofit institutions <sup>c</sup>	3,675,956.5	69,540.3	19,851.0	916,816.1	2,419,883.5	48,109.2	35,046.7	4,740.0	161,969.9
Aerospace FFRDC	252,366.8	0.0	0.0	225,665.4	0.0	0.0	26,701.3	0.0	0.0
Arroyo Center	59,189.6	0.0	0.0	59,189.6	0.0	0.0	0.0	0.0	0.0
Brookhaven National Laboratory	531,554.4	0.0	0.0	3,599.6	515,506.4	3,600.0	8,068.4	0.0	780.0
Center for Advanced Aviation System Development	200,440.1	0.0	0.0	131,168.4	0.0	0.0	0.0	0.0	69,271.7
Center for Communications and Computing	48,438.4	0.0	0.0	48,438.4	0.0	0.0	0.0	0.0	0.0
Center for Enterprise Modernization	121,255.0	0.0	0.0	37,327.0	0.0	11,856.9	0.0	0.0	72,071.1
Center for Naval Analyses	71,228.0	0.0	0.0	71,228.0	0.0	0.0	0.0	0.0	0.0

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FFRDC	Total	DHS	DOC	DOD	DOE	HHS	NASA	NSF	Other <sup>a</sup>
Center for Nuclear Waste Regulatory Analyses	2,723.9	0.0	0.0	272.2	0.0	0.0	0.0	0.0	2,451.7
CMS Alliance to Modernize Healthcare	14,420.5	0.0	0.0	0.0	0.0	14,420.5	0.0	0.0	0.0
Homeland Security Operational Analysis Center	3,561.6	3,561.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Homeland Security Systems Engineering and Development Institute	31,329.6	27,259.9	0.0	4,069.7	0.0	0.0	0.0	0.0	0.0
Judiciary Engineering and Modernization Center	5,045.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,045.5
National Biodefense Analysis and Countermeasures Center	37,381.6	37,104.7	0.0	0.0	0.0	0.0	276.9	0.0	0.0
National Cybersecurity Center of Excellence	21,158.4	0.0	19,558.0	1,600.4	0.0	0.0	0.0	0.0	0.0
National Defense Research Institute	66,337.2	0.0	0.0	66,337.2	0.0	0.0	0.0	0.0	0.0
National Renewable Energy Laboratory	423,632.9	0.0	0.0	1,401.8	422,231.1	0.0	0.0	0.0	0.0
National Security Engineering Center	143,348.6	0.0	0.0	143,348.6	0.0	0.0	0.0	0.0	0.0
Oak Ridge National Laboratory	1,089,869.2	279.9	0.0	11,344.7	1,069,652.9	421.8	0.0	0.0	8,170.0
Pacific Northwest National Laboratory	466,309.4	1,334.2	293.0	30,199.1	412,493.1	17,809.9	0.0	0.0	4,180.0
Project Air Force	46,982.6	0.0	0.0	46,982.6	0.0	0.0	0.0	0.0	0.0
Science and Technology Policy Institute	9,939.0	0.0	0.0	5,199.0	0.0	0.0	0.0	4,740.0	0.0
Systems and Analyses Center	29,444.5	0.0	0.0	29,444.5	0.0	0.0	0.0	0.0	0.0

DHS = Department of Homeland Security; DOC = Department of Commerce; DOD = Department of Defense; DOE = Department of Energy; FFRDC = federally funded research and development center; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation.

<sup>a</sup> Includes data for the Departments of the Interior, Transportation, the Treasury, and Veterans Affairs; the Administrative Office of the U.S. Courts; the Environmental Protection Agency; and the Nuclear Regulatory Commission.

<sup>b</sup> Includes university consortia.

<sup>c</sup> Other than universities and colleges.

**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. 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.