

TABLE 13

Federal obligations for research and experimental development to federally funded research and development centers, by FFRDC and agency: FY 2019

(Dollars in thousands)

FFRDC	Total	DHS	DOC	DOD	DOE	HHS	NASA	NSF	Other ^a
All FFRDCs	14,691,030.2	69,443.0	29,428.3	1,551,156.2	9,632,400.0	548,509.3	2,358,911.8	308,907.7	192,274.0
Administered by industrial firms	6,077,581.3	13,427.5	0.0	379,985.2	5,170,580.3	495,720.0	4,989.8	0.0	12,878.5
Frederick National Laboratory for Cancer Research	492,255.4	0.0	0.0	1,316.4	0.0	490,939.0	0.0	0.0	0.0
Idaho National Laboratory	2,140,631.3	1,532.4	0.0	13,026.7	2,119,704.8	0.0	0.0	0.0	6,367.5
Lawrence Livermore National Laboratory	1,049,427.2	5,929.6	0.0	90,122.4	950,111.5	3,169.2	75.2	0.0	19.3
Los Alamos National Laboratory	845,660.7	1,608.2	0.0	21,286.5	817,851.4	0.0	4,914.6	0.0	0.0
Sandia National Laboratories	1,515,400.6	3,202.1	0.0	247,878.7	1,256,241.2	1,611.8	0.0	0.0	6,466.8
Savannah River National Laboratory	34,206.1	1,155.3	0.0	6,354.4	26,671.4	0.0	0.0	0.0	25.0
Administered by universities and colleges ^b	5,351,919.6	6,321.3	9,928.6	450,700.5	2,240,021.1	20,551.4	2,315,936.7	303,201.7	5,258.3
Ames Laboratory	29,851.2	0.0	0.0	379.6	29,471.6	0.0	0.0	0.0	0.0
Argonne National Laboratory	640,037.0	1,108.3	0.0	2,253.0	632,031.7	0.0	0.0	0.0	4,644.0
Fermi National Accelerator Laboratory	315,886.4	0.0	0.0	0.0	315,886.4	0.0	0.0	0.0	0.0
Jet Propulsion Laboratory	2,315,344.0	914.7	0.0	11,893.8	0.0	0.0	2,302,535.5	0.0	0.0
Lawrence Berkeley National Laboratory	757,025.3	0.0	0.0	1,584.1	734,889.9	20,551.4	0.0	0.0	0.0
Lincoln Laboratory	397,940.7	2,100.8	0.0	395,839.9	0.0	0.0	0.0	0.0	0.0
National Center for Atmospheric Research	176,293.3	0.0	9,928.6	0.0	0.0	0.0	13,401.2	152,349.2	614.4
National Optical Astronomy Observatory	29,159.5	0.0	0.0	0.0	0.0	0.0	0.0	29,159.5	0.0
National Radio Astronomy Observatory	105,300.2	0.0	0.0	0.0	0.0	0.0	0.0	105,300.2	0.0
National Solar Observatory	16,392.8	0.0	0.0	0.0	0.0	0.0	0.0	16,392.8	0.0
Princeton Plasma Physics Laboratory	127,714.1	0.0	0.0	2,206.1	125,508.0	0.0	0.0	0.0	0.0
SLAC National Accelerator Laboratory	274,281.9	1,947.4	0.0	1,616.0	270,718.5	0.0	0.0	0.0	0.0
Software Engineering Institute	35,178.0	250.0	0.0	34,928.0	0.0	0.0	0.0	0.0	0.0
Thomas Jefferson National Accelerator Facility	131,515.1	0.0	0.0	0.0	131,515.1	0.0	0.0	0.0	0.0
Administered by nonprofit institutions ^c	3,261,529.2	49,694.2	19,499.7	720,470.5	2,221,798.7	32,237.8	37,985.2	5,706.0	174,137.1
Aerospace FFRDC	259,675.9	333.3	0.0	229,907.5	0.0	0.0	28,469.1	966.0	0.0
Arroyo Center	21,788.9	0.0	0.0	21,788.9	0.0	0.0	0.0	0.0	0.0
Brookhaven National Laboratory	479,732.3	0.0	0.0	389.0	465,142.1	3,600.0	9,516.1	0.0	1,085.2
Center for Advanced Aviation System Development	96,961.9	0.0	0.0	17,677.3	0.0	0.0	0.0	0.0	79,284.6
Center for Communications and Computing	55,859.9	333.3	450.0	55,076.6	0.0	0.0	0.0	0.0	0.0

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FFRDC	Total	DHS	DOC	DOD	DOE	HHS	NASA	NSF	Other ^a
Center for Enterprise Modernization	138,385.2	0.0	0.0	54,495.8	0.0	12,837.6	0.0	0.0	71,051.9
Center for Naval Analyses	72,034.0	1,213.3	0.0	70,820.7	0.0	0.0	0.0	0.0	0.0
Center for Nuclear Waste Regulatory Analyses	5,300.5	0.0	0.0	4,024.6	0.0	0.0	0.0	0.0	1,275.8
CMS Alliance to Modernize Healthcare	*	0.0	0.0	0.0	0.0	*	0.0	0.0	0.0
Homeland Security Operational Analysis Center	6,252.4	3,517.0	0.0	2,735.4	0.0	0.0	0.0	0.0	0.0
Homeland Security Systems Engineering and Development Institute	21,734.5	21,734.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Judiciary Engineering and Modernization Center	7,478.3	0.0	0.0	1,030.0	0.0	0.0	0.0	0.0	6,448.3
National Biodefense Analysis and Countermeasures Center	17,510.3	17,314.3	0.0	196.0	0.0	0.0	0.0	0.0	0.0
National Cybersecurity Center of Excellence	18,952.9	0.0	18,752.9	200.0	0.0	0.0	0.0	0.0	0.0
National Defense Research Institute	13,406.8	0.0	0.0	13,406.8	0.0	0.0	0.0	0.0	0.0
National Renewable Energy Laboratory	347,383.6	0.0	0.0	3,546.1	343,637.5	0.0	0.0	0.0	200.0
National Security Engineering Center	164,966.8	0.0	0.0	164,966.8	0.0	0.0	0.0	0.0	0.0
Oak Ridge National Laboratory	1,073,088.2	1,912.9	0.0	9,948.6	1,054,455.8	340.8	0.0	0.0	6,430.0
Pacific Northwest National Laboratory	413,897.1	3,335.5	296.8	27,880.6	358,563.3	15,459.5	0.0	0.0	8,361.4
Project Air Force	2,226.0	0.0	0.0	2,226.0	0.0	0.0	0.0	0.0	0.0
Science and Technology Policy Institute	7,222.9	0.0	0.0	2,482.9	0.0	0.0	0.0	4,740.0	0.0
Systems and Analyses Center	37,670.8	0.0	0.0	37,670.8	0.0	0.0	0.0	0.0	0.0

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

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.

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

^b Includes university consortia.

^c 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. 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.