

TABLE 16

Federal obligations for research and experimental development to federally funded research and development centers, by FFRDC and agency: FY 2023

(Dollars in thousands)

FFRDC	Total	DHS	DOC	DOD	DOE	HHS	NASA	NSF	Other ^a
All FFRDCs	16,388,877	29,341	25,929	2,415,826	9,827,716	921,201	2,561,537	353,613	253,715
Administered by industrial firms ^b	4,169,377	16,893	0	363,537	2,889,781	859,967	21,542	0	17,656
Frederick National Laboratory for Cancer Research	848,259	0	0	0	0	848,259	0	0	0
Lawrence Livermore National Laboratory	1,234,384	10,623	0	76,401	1,137,599	3,939	2,586	0	3,236
Los Alamos National Laboratory	912,622	3,000	0	36,232	845,469	6,559	18,956	0	2,406
Sandia National Laboratories	1,174,112	3,270	0	250,904	906,713	1,210	0	0	12,015
Administered by universities and colleges ^c	6,684,817	6,000	9,173	848,749	2,953,756	29,485	2,486,316	347,709	3,629
Ames Laboratory	30,205	0	0	994	29,209	0	0	0	1
Argonne National Laboratory	881,361	2,000	0	4,917	865,946	6,228	195	0	2,076
Fermi National Accelerator Laboratory	337,112	0	0	12	337,100	0	0	0	0
Green Bank Observatory	13,616	0	0	0	0	0	0	13,616	0
Jet Propulsion Laboratory	2,488,889	0	0	4,083	0	0	2,484,805	0	0
Lawrence Berkeley National Laboratory	1,029,654	3,000	0	8,506	996,615	20,271	763	0	500
Lincoln Laboratory	762,138	1,000	0	760,796	0	0	343	0	0
NSF's National Optical-Infrared Astronomy Research Laboratory	92,429	0	0	0	0	0	0	92,429	0
National Center for Atmospheric Research	126,845	0	9,173	251	0	0	0	117,200	222
National Radio Astronomy Observatory	103,905	0	0	0	0	0	210	103,695	0
National Solar Observatory	20,770	0	0	0	0	0	0	20,770	0
Princeton Plasma Physics Laboratory	126,544	0	0	0	126,544	0	0	0	0
SLAC National Accelerator Laboratory	424,273	0	0	1,757	419,529	2,987	0	0	0
Software Engineering Institute	67,434	0	0	67,434	0	0	0	0	0
Thomas Jefferson National Accelerator Facility	179,643	0	0	0	178,813	0	0	0	830
Administered by nonprofit institutions ^{b,d}	5,534,683	6,448	16,756	1,203,539	3,984,178	31,749	53,678	5,904	232,430
Aerospace FFRDC	320,048	0	0	270,604	0	0	49,220	224	0
Arroyo Center	31,616	0	0	31,616	0	0	0	0	0
Brookhaven National Laboratory	586,920	3,000	0	0	575,860	3,600	3,675	0	785
CMS Alliance to Modernize Healthcare	17,230	0	0	746	0	16,484	0	0	0
Center for Advanced Aviation System Development	37,763	0	0	37,763	0	0	0	0	0
Center for Communications and Computing	20,625	0	0	20,625	0	0	0	0	0
Center for Enterprise Modernization	113,325	0	0	113,325	0	0	0	0	0
Center for Naval Analyses	54,182	0	0	54,182	0	0	0	0	0
Center for Nuclear Waste Regulatory Analyses	28,505	0	0	26,233	0	0	0	0	2,273
Homeland Security Systems Engineering and Development Institute	481	80	0	401	0	0	0	0	0
Idaho National Laboratory	627,395	1,118	0	37,898	578,065	0	261	0	10,052
NSEC—Bedford, MA	205,353	0	0	124,732	0	0	0	0	80,621
NSEC—McLean, VA	223,413	0	0	96,620	0	0	0	0	126,793

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FFRDC	Total	DHS	DOC	DOD	DOE	HHS	NASA	NSF	Other ^a
National Cybersecurity Center of Excellence	21,241	0	16,756	4,485	0	0	0	0	0
National Defense Research Institute	9,271	0	0	9,271	0	0	0	0	0
National Renewable Energy Laboratory	714,596	0	0	18,469	695,479	0	0	0	648
Oak Ridge National Laboratory	1,452,826	0	0	11,256	1,436,177	228	0	0	5,165
Pacific Northwest National Laboratory	661,761	2,000	0	18,061	624,171	11,436	0	0	6,092
Project Air Force	48,700	0	0	48,700	0	0	0	0	0
Savannah River National Laboratory	91,589	0	0	17,163	74,426	0	0	0	0
Science and Technology Policy Institute	6,202	0	0	0	0	0	522	5,680	0
Systems and Analyses Center	261,643	250	0	261,393	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.

^a Other includes data for the Departments of the Interior, Transportation, the Treasury, and Veterans Affairs; the Environmental Protection Agency; and the Nuclear Regulatory Commission.

^b As of volume 73 (FYs 2023–24), two FFRDCs, Idaho National Laboratory and Savannah River National Laboratory, were moved from Administered by industrial firms to Administered by nonprofit institutions.

^c Universities and colleges includes university consortia.

^d Nonprofit institutions excludes 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 2023–24.