

TABLE 16

Federal obligations for research and experimental development to federally funded research and development centers, by FFRDC and agency: FY 2022

(Dollars in thousands)

FFRDC	Total	DHS	DOC	DOD	DOE	HHS	NASA	NSF	Other ^a
All FFRDCs	15,380,951	59,466	19,845	3,022,562	8,705,607	719,159	2,340,349	315,499	198,464
Administered by industrial firms	4,328,059	31,181	0	348,347	3,251,486	654,612	20,896	0	21,538
Frederick National Laboratory for Cancer Research	654,356	9,917	0	0	0	644,439	0	0	0
Idaho National Laboratory	496,903	2,536	0	34,435	452,085	0	250	0	7,596
Lawrence Livermore National Laboratory	1,139,545	13,528	0	60,442	1,057,302	3,123	1,913	0	3,236
Los Alamos National Laboratory	923,009	3,100	0	36,797	856,545	5,834	18,732	0	2,000
Sandia National Laboratories	990,269	1,600	0	164,785	813,963	1,215	0	0	8,705
Savannah River National Laboratory	123,978	500	0	51,887	71,590	0	0	0	0
Administered by universities and colleges ^b	6,688,760	2,750	6,787	1,373,140	2,688,746	25,502	2,277,659	310,333	3,842
Ames Laboratory	34,996	0	0	0	34,947	0	0	0	49
Argonne National Laboratory	776,723	100	0	969	768,410	4,228	449	0	2,568
Fermi National Accelerator Laboratory	320,213	0	0	0	320,213	0	0	0	0
Green Bank Observatory	15,530	0	0	0	0	0	0	15,530	0
Jet Propulsion Laboratory	2,281,720	0	0	6,062	0	0	2,275,658	0	0
Lawrence Berkeley National Laboratory	954,580	0	0	4,751	930,520	17,758	1,552	0	0
Lincoln Laboratory	1,076,266	2,000	0	1,074,266	0	0	0	0	0
NSF's National Optical-Infrared Astronomy Research Laboratory	56,388	0	0	0	0	0	0	56,388	0
National Center for Atmospheric Research	116,625	0	6,787	679	0	0	0	109,159	0
National Radio Astronomy Observatory	102,712	0	0	0	0	0	0	102,712	0
National Solar Observatory	26,715	0	0	170	0	0	0	26,545	0
Princeton Plasma Physics Laboratory	104,751	0	0	0	104,751	0	0	0	0
SLAC National Accelerator Laboratory	371,157	650	0	2,913	364,077	3,517	0	0	0
Software Engineering Institute	283,330	0	0	283,330	0	0	0	0	0
Thomas Jefferson National Accelerator Facility	167,054	0	0	0	165,829	0	0	0	1,225
Administered by nonprofit institutions ^c	4,364,133	25,535	13,058	1,301,075	2,765,374	39,045	41,795	5,166	173,085
Aerospace FFRDC	592,047	0	0	545,377	11,210	0	35,274	186	0
Arroyo Center	33,675	0	0	33,675	0	0	0	0	0
Brookhaven National Laboratory	571,657	525	0	0	558,804	5,802	5,991	0	535
CMS Alliance to Modernize Healthcare	16,909	0	0	0	0	16,909	0	0	0
Center for Advanced Aviation System Development	13,146	0	0	13,146	0	0	0	0	0
Center for Communications and Computing	20,910	0	0	20,910	0	0	0	0	0
Center for Enterprise Modernization	50,440	0	0	50,440	0	0	0	0	0
Center for Naval Analyses	44,659	0	0	44,659	0	0	0	0	0
Center for Nuclear Waste Regulatory Analyses	22,513	0	0	20,992	0	0	0	0	1,522
Homeland Security Operational Analysis Center	8,066	8,066	0	0	0	0	0	0	0
Homeland Security Systems Engineering and Development Institute	13,827	10,877	0	0	0	0	0	0	2,950
Judiciary Engineering and Modernization Center	75,756	0	0	0	0	0	0	0	75,756
NSEC—Bedford, MA	126,297	0	0	49,979	0	0	0	0	76,319
NSEC—McLean, VA	150,384	0	0	150,384	0	0	0	0	0
National Biodefense Analysis and Countermeasures Center	2	0	0	2	0	0	0	0	0
National Cybersecurity Center of Excellence	16,866	0	13,058	3,808	0	0	0	0	0
National Defense Research Institute	14,774	0	0	14,774	0	0	0	0	0

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National Renewable Energy Laboratory	427,283	0	0	6,179	421,104	0	0	0	0
Oak Ridge National Laboratory	1,281,667	2,400	0	6,794	1,262,292	598	0	0	9,584
Pacific Northwest National Laboratory	559,924	2,901	0	22,903	511,965	15,736	0	0	6,420
Project Air Force	50,582	0	0	50,582	0	0	0	0	0
Science and Technology Policy Institute	16,277	767	0	10,000	0	0	530	4,980	0
Systems and Analyses Center	256,470	0	0	256,470	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 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.

^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. FY 2022 obligations include additional funding provided by supplemental COVID-19 pandemic-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 2022–23.