

TABLE 19

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

(Dollars in thousands)

FFRDC	Total R&D	Funding agency							
		DHS	DOC	DOD	DOE	HHS	NASA	NSF	Other ^a
All agencies sponsoring FFRDCs	15,380,951	59,466	19,845	3,022,562	8,705,607	719,159	2,340,349	315,499	198,464
Departments									
Department of Commerce	16,866	0	13,058	3,808	0	0	0	0	0
National Cybersecurity Center of Excellence	16,866	0	13,058	3,808	0	0	0	0	0
Department of Defense	2,649,396	2,000	0	2,524,407	11,210	0	35,274	186	76,319
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
Center for Communications and Computing	20,910	0	0	20,910	0	0	0	0	0
Center for Naval Analyses	44,659	0	0	44,659	0	0	0	0	0
Lincoln Laboratory	1,076,266	2,000	0	1,074,266	0	0	0	0	0
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 Defense Research Institute	14,774	0	0	14,774	0	0	0	0	0
Project Air Force	50,582	0	0	50,582	0	0	0	0	0
Software Engineering Institute	283,330	0	0	283,330	0	0	0	0	0
Systems and Analyses Center	256,470	0	0	256,470	0	0	0	0	0
Department of Energy	9,243,708	27,840	0	392,855	8,694,397	57,811	28,887	0	41,917
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
Brookhaven National Laboratory	571,657	525	0	0	558,804	5,802	5,991	0	535
Fermi National Accelerator Laboratory	320,213	0	0	0	320,213	0	0	0	0
Idaho National Laboratory	496,903	2,536	0	34,435	452,085	0	250	0	7,596
Lawrence Berkeley National Laboratory	954,580	0	0	4,751	930,520	17,758	1,552	0	0
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
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
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
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
Thomas Jefferson National Accelerator Facility	167,054	0	0	0	165,829	0	0	0	1,225
Department of Health and Human Services	671,265	9,917	0	0	0	661,348	0	0	0
CMS Alliance to Modernize Healthcare	16,909	0	0	0	0	16,909	0	0	0
Frederick National Laboratory for Cancer Research	654,356	9,917	0	0	0	644,439	0	0	0
Department of Homeland Security	21,895	18,943	0	2	0	0	0	0	2,950
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
National Biodefense Analysis and Countermeasures Center	2	0	0	2	0	0	0	0	0
Department of Justice	75,756	0	0	0	0	0	0	0	75,756
Judiciary Engineering and Modernization Center	75,756	0	0	0	0	0	0	0	75,756
Department of Transportation	13,146	0	0	13,146	0	0	0	0	0

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Center for Advanced Aviation System Development	13,146	0	0	13,146	0	0	0	0	0
Departments of Treasury and Veterans Affairs, and the Social Security Administration	50,440	0	0	50,440	0	0	0	0	0
Center for Enterprise Modernization	50,440	0	0	50,440	0	0	0	0	0
Other agencies									
National Aeronautics and Space Administration	2,281,720	0	0	6,062	0	0	2,275,658	0	0
Jet Propulsion Laboratory	2,281,720	0	0	6,062	0	0	2,275,658	0	0
National Science Foundation	334,246	767	6,787	10,849	0	0	530	315,313	0
Green Bank Observatory	15,530	0	0	0	0	0	0	15,530	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
Science and Technology Policy Institute	16,277	767	0	10,000	0	0	530	4,980	0
Nuclear Regulatory Commission	22,513	0	0	20,992	0	0	0	0	1,522
Center for Nuclear Waste Regulatory Analyses	22,513	0	0	20,992	0	0	0	0	1,522

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 Aeronautical and Space Administration; NSF = National Science Foundation.

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

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.