

TABLE 4

R&D expenditures at federally funded research and development centers, by source of funds and FFRDC: FY 2022

(Dollars in thousands)

FFRDC	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	All other sources
All FFRDCs	26,524,014	25,962,005	38,591	367,712	49,120	106,586
University-administered FFRDCs	7,165,067	7,015,547	16,502	65,210	19,726	48,082
Ames Laboratory	38,520	38,032	146	337	0	5
Argonne National Laboratory	962,973	934,724	1,129	20,725	326	6,069
Fermi National Accelerator Laboratory	330,294	329,131	0	489	205	469
Green Bank Observatory	10,752	10,384	0	29	210	129
Jet Propulsion Laboratory	2,417,556	2,417,556	0	0	0	0
Lawrence Berkeley National Laboratory	1,031,716	971,554	11,074	23,723	7,458	17,907
Lincoln Laboratory	1,142,615	1,119,338	51	7,673	1,211	14,342
National Center for Atmospheric Research	188,238	171,310	1,398	6,956	8,566	8
National Radio Astronomy Observatory	92,476	91,913	0	307	174	82
National Solar Observatory	33,849	33,800	0	0	0	49
NSF's National Optical-Infrared Astronomy Research Laboratory (NSF's NOIRLab)	81,505	79,193	0	0	0	2,312
Princeton Plasma Physics Laboratory	120,347	119,828	0	372	0	147
SLAC National Accelerator Laboratory	432,078	419,094	825	4,096	1,563	6,500
Software Engineering Institute	129,316	129,316	0	0	0	0
Thomas Jefferson National Accelerator Facility	152,832	150,374	1,879	503	13	63
Nonprofit-administered FFRDCs	9,171,826	8,998,910	21,734	90,827	28,847	31,508
Aerospace Federally Funded Research and Development Center	1,152,833	1,147,041	0	4,707	0	1,085
Arroyo Center	40,856	40,856	0	0	0	0
Brookhaven National Laboratory	655,988	639,527	7,369	6,264	140	2,688
Center for Advanced Aviation System Development	189,490	164,992	866	5,382	1,966	16,284
Center for Communications and Computing	74,759	74,759	0	0	0	0
Center for Enterprise Modernization	235,436	235,317	0	0	119	0
Center for Naval Analyses	93,567	93,567	0	0	0	0
Center for Nuclear Waste Regulatory Analyses	4,323	3,595	15	295	0	418
CMS Alliance to Modernize Healthcare	286,693	286,693	0	0	0	0
Homeland Security Operational Analysis Center	52,984	52,984	0	0	0	0
Homeland Security Systems Engineering and Development Institute	183,261	181,702	823	516	75	145
Idaho National Laboratory	637,579	630,446	388	5,803	195	747
National Biodefense Analysis and Countermeasures Center	45,870	45,869	0	0	1	0
National Cybersecurity Center of Excellence	27,955	27,955	0	0	0	0
National Defense Research Institute	61,097	61,097	0	0	0	0
National Renewable Energy Laboratory	603,356	536,683	3,278	46,963	16,432	0
National Security Engineering Center	1,286,520	1,282,762	0	423	519	2,816
Oak Ridge National Laboratory	1,803,543	1,789,100	527	8,144	1,714	4,058
Pacific Northwest National Laboratory	1,294,614	1,266,328	8,468	9,524	7,686	2,608
Project Air Force	46,517	46,517	0	0	0	0
Savannah River National Laboratory	182,654	179,848	0	2,806	0	0
Science and Technology Policy Institute	10,593	10,593	0	0	0	0
Systems and Analyses Center	201,338	200,679	0	0	0	659
Industry-administered FFRDCs	10,187,121	9,947,548	355	211,675	547	26,996
Frederick National Laboratory for Cancer Research	904,182	904,182	0	0	0	0
Lawrence Livermore National Laboratory	1,659,808	1,633,185	187	11,498	547	14,391
Los Alamos National Laboratory	3,811,602	3,629,955	0	181,647	0	0
Sandia National Laboratories	3,811,529	3,780,226	168	18,530	0	12,605

FFRDC = federally funded research and development center; NSF = National Science Foundation.

Source(s):

National Center for Science and Engineering Statistics, FFRDC Research and Development Survey, FY 2022.