

TABLE 5

Federally financed R&D expenditures at federally funded research and development centers, by federal agency and FFRDC: FY 2023

(Dollars in thousands)

FFRDC	All federal R&D expenditures	DOD	DOE	HHS	DHS	DOT	NASA	NSF	Other
All FFRDCs	28,880,018	5,976,325	16,379,939	1,318,421	619,487	213,764	2,921,144	382,460	1,068,478
University-administered FFRDCs	8,010,234	1,304,978	3,400,432	45,944	68,927	34,755	2,704,050	374,958	76,190
Ames Laboratory	40,091	122	39,592	0	0	0	0	0	377
Argonne National Laboratory	1,205,264	30,665	1,114,827	8,694	20,967	6,802	683	0	22,626
Fermi National Accelerator Laboratory	400,573	1,353	399,204	0	0	0	3	13	0
Green Bank Observatory	11,909	0	0	0	0	0	75	11,834	0
Jet Propulsion Laboratory	2,671,305	0	0	0	0	0	2,671,305	0	0
Lawrence Berkeley National Laboratory	1,131,175	16,553	1,085,067	22,336	1,558	1,185	2,596	0	1,880
Lincoln Laboratory	1,234,615	1,154,563	8,511	2,466	15,692	22,246	15,181	0	15,956
National Center for Atmospheric Research	184,647	4,906	4,712	0	0	4,252	10,404	135,298	25,075
National Radio Astronomy Observatory	102,104	681	0	0	0	0	355	101,068	0
National Solar Observatory	39,719	24	0	0	0	0	843	38,852	0
NSF's National Optical-Infrared Astronomy Research Laboratory (NSF's NOIRLab)	92,841	87	4,261	0	0	0	1,299	87,194	0
Princeton Plasma Physics Laboratory	127,260	316	125,885	0	0	0	1,010	49	0
SLAC National Accelerator Laboratory	469,601	8,299	448,382	11,165	173	0	296	650	636
Software Engineering Institute	130,141	87,409	1,002	1,283	30,537	270	0	0	9,640
Thomas Jefferson National Accelerator Facility	168,989	0	168,989	0	0	0	0	0	0
Nonprofit-administered FFRDCs	9,879,651	3,173,584	4,839,352	321,207	445,675	177,059	145,341	7,337	770,096
Aerospace Federally Funded Research and Development Center	1,251,725	1,080,782	26,945	0	789	4,466	100,321	313	38,109
Arroyo Center	42,433	42,433	0	0	0	0	0	0	0
Brookhaven National Laboratory	678,623	3,782	646,750	5,130	714	0	9,353	0	12,894
Center for Advanced Aviation System Development	166,246	0	0	0	0	166,244	2	0	0

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Center for Communications and Computing	77,391	77,391	0	0	0	0	0	0	0
Center for Enterprise Modernization	258,155	0	2	0	0	0	918	0	257,235
Center for Naval Analyses	96,103	96,103	0	0	0	0	0	0	0
Center for Nuclear Waste Regulatory Analyses	3,467	11	129	0	0	87	0	0	3,240
CMS Alliance to Modernize Healthcare	281,709	0	0	281,709	0	0	0	0	0
Homeland Security Operational Analysis Center	66,264	0	0	0	65,674	0	0	0	590
Homeland Security Systems Engineering and Development Institute	216,456	0	0	0	201,186	0	0	0	15,270
Idaho National Laboratory	642,971	91,415	509,880	0	21,217	1,772	336	0	18,351
National Biodefense Analysis and Countermeasures Center	41,321	401	0	1,533	26,737	0	0	0	12,650
National Cybersecurity Center of Excellence	23,010	0	0	0	0	0	0	0	23,010
National Defense Research Institute	67,157	62,235	0	0	0	581	0	0	4,341
National Renewable Energy Laboratory	648,671	16,694	609,883	0	4,810	862	715	0	15,707
National Security Engineering Center	1,367,998	1,168,542	0	0	0	0	0	0	199,456
Oak Ridge National Laboratory	2,000,646	55,208	1,768,996	6,696	9,265	3,047	31,385	252	125,797
Pacific Northwest National Laboratory	1,424,969	199,322	1,068,347	25,432	99,217	0	1,453	317	30,881
Project Air Force	48,729	48,729	0	0	0	0	0	0	0
Savannah River National Laboratory	241,518	29,269	206,719	0	2,609	0	0	0	2,921
Science and Technology Policy Institute	9,977	202	119	707	0	0	699	6,455	1,795
Systems and Analyses Center	224,112	201,065	1,582	0	13,457	0	159	0	7,849
Industry-administered FFRDCs	10,990,133	1,497,763	8,140,155	951,270	104,885	1,950	71,753	165	222,192
Frederick National Laboratory for Cancer Research	929,754	118	0	929,635	0	0	0	0	1

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Lawrence Livermore National Laboratory	2,079,762	360,585	1,673,949	8,069	22,915	0	7,886	0	6,358
Los Alamos National Laboratory	3,742,718	77,067	3,483,875	11,510	5,916	0	62,957	165	101,228
Sandia National Laboratories	4,237,899	1,059,993	2,982,331	2,056	76,054	1,950	910	0	114,605

DHS = Department of Homeland Security; DOD = Department of Defense; DOE = Department of Energy; DOT = Department of Transportation; FFRDC = federally funded research and development center; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation.

Source(s):

National Center for Science and Engineering Statistics, FFRDC Research and Development Survey, FY 2023.