

Table 8. Total and federally financed R&D expenditures at federally funded research and development centers, by FFRDC: FYs 2022–25

(Dollars in thousands)

FFRDC	Total				Federally financed			
	2022	2023	2024	2025	2022	2023	2024	2025
All FFRDCs	26,006,971	29,316,897	31,724,628	31,833,205	25,605,479	28,880,018	31,246,822	31,332,192
University-administered FFRDCs	7,165,067	8,179,862	8,276,949	8,288,028	7,015,547	8,010,234	8,115,251	8,122,658
Ames National Laboratory	38,520	40,638	39,563	49,079	38,032	40,091	38,720	48,401
Argonne National Laboratory	962,973	1,234,635	1,106,000	1,248,328	934,724	1,205,264	1,075,816	1,214,360
Fermi National Accelerator Laboratory	330,294	402,122	425,393	392,036	329,131	400,573	423,663	389,129
Green Bank Observatory ^a	10,752	12,326	13,582	na	10,384	11,909	13,376	na
Jet Propulsion Laboratory	2,417,556	2,671,305	2,647,837	2,281,569	2,417,556	2,671,305	2,647,837	2,281,569
Lawrence Berkeley National Laboratory	1,031,716	1,190,504	1,206,851	1,231,251	971,554	1,131,175	1,140,346	1,164,340
Lincoln Laboratory	1,142,615	1,265,060	1,377,063	1,504,118	1,119,338	1,234,615	1,360,550	1,490,895
National Radio Astronomy Observatory	92,476	102,863	105,183	129,001	91,913	102,104	104,211	128,107
National Solar Observatory	33,849	39,856	38,632	39,822	33,800	39,719	38,503	39,766
NSF National Center for Atmospheric Research	188,238	210,233	201,507	213,463	171,310	184,647	176,986	189,694
NSF National Optical-Infrared Astronomy Research Laboratory	81,505	94,257	104,871	117,630	79,193	92,841	103,034	116,122
Princeton Plasma Physics Laboratory	120,347	131,042	140,958	138,610	119,828	127,260	135,705	134,477
SLAC National Accelerator Laboratory	432,078	483,193	539,118	600,450	419,094	469,601	527,402	586,167
Software Engineering Institute	129,316	130,141	147,400	157,001	129,316	130,141	147,400	157,001
Thomas Jefferson National Accelerator Facility	152,832	171,687	182,991	185,670	150,374	168,989	181,702	182,630
Nonprofit-administered FFRDCs	9,171,826	10,052,536	11,730,895	11,754,881	8,998,910	9,879,651	11,546,942	11,563,275
Aerospace Federally Funded Research and Development Center	1,152,833	1,259,428	1,318,429	1,386,475	1,147,041	1,251,725	1,309,782	1,375,531
Arroyo Center	40,856	42,433	37,714	45,514	40,856	42,433	37,714	45,514
Brookhaven National Laboratory	655,988	691,417	760,512	760,892	639,527	678,623	747,451	748,362
Center for Advanced Aviation System Development	189,490	186,163	186,463	200,867	164,992	166,246	163,783	178,207
Center for Communications and Computing	74,759	77,391	85,168	89,010	74,759	77,391	85,168	89,010
Center for Enterprise Modernization	235,436	258,155	281,401	202,634	235,317	258,155	281,230	202,236
Center for Naval Analyses	93,567	96,103	100,011	109,637	93,567	96,103	100,011	109,637
Center for Nuclear Waste Regulatory Analyses	4,323	4,405	5,031	5,281	3,595	3,467	4,407	5,102
CMS Alliance to Modernize Healthcare	286,693	281,709	248,842	188,326	286,693	281,709	248,842	188,326
Homeland Security Operational Analysis Center	52,984	66,264	77,563	56,663	52,984	66,264	77,563	56,663
Homeland Security Systems Engineering and Development Institute	183,261	217,908	255,498	162,439	181,702	216,456	250,334	162,060
Idaho National Laboratory ^b	637,579	653,100	1,617,015	NA	630,446	642,971	1,594,132	NA
National Biodefense Analysis and Countermeasures Center	45,870	41,321	50,470	44,266	45,869	41,321	50,470	44,266
National Cybersecurity Center of Excellence	27,955	23,010	23,557	29,616	27,955	23,010	23,557	29,616
National Defense Research Institute	61,097	67,157	71,499	79,304	61,097	67,157	71,499	79,304
National Renewable Energy Laboratory	603,356	718,852	898,498	879,428	536,683	648,671	847,755	827,343
National Security Engineering Center	1,286,520	1,370,949	1,442,573	1,504,115	1,282,762	1,367,998	1,431,657	1,493,714
Oak Ridge National Laboratory	1,803,543	2,019,259	2,113,418	2,286,846	1,789,100	2,000,646	2,091,191	2,258,500
Pacific Northwest National Laboratory	1,294,614	1,449,496	1,609,117	1,630,715	1,266,328	1,424,969	1,585,695	1,602,283

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(Dollars in thousands)

FFRDC	Total				Federally financed			
	2022	2023	2024	2025	2022	2023	2024	2025
Project Air Force	46,517	48,729	47,810	54,987	46,517	48,729	47,810	54,987
Savannah River National Laboratory	182,654	244,736	253,483	249,166	179,848	241,518	250,382	245,815
Science and Technology Policy Institute	10,593	9,977	11,952	8,350	10,593	9,977	11,952	8,350
Systems and Analyses Center	201,338	224,574	234,871	248,119	200,679	224,112	234,557	247,901
Industry-administered FFRDCs	9,670,078	11,084,499	11,716,784	11,790,296	9,591,022	10,990,133	11,584,629	11,646,259
Frederick National Laboratory for Cancer Research	904,182	929,754	893,491	865,189	904,182	929,754	893,491	865,189
Lawrence Livermore National Laboratory	1,659,808	2,110,938	2,230,018	2,179,730	1,633,185	2,079,762	2,188,825	2,136,131
Los Alamos National Laboratory	3,294,559	3,768,323	3,958,302	4,076,960	3,273,429	3,742,718	3,918,269	4,031,401
Sandia National Laboratories	3,811,529	4,275,484	4,634,973	4,668,417	3,780,226	4,237,899	4,584,044	4,613,538

na = not applicable. NA = not available; imputed data not reported at this level.

FFRDC = federally funded research and development center.

^a On 1 October 2024, Green Bank Observatory was reincorporated into the National Radio Astronomy Observatory and is no longer a separate FFRDC.

^b In FY 2024, Idaho National Laboratory (INL) revised reporting methodology to align with reporting practices of other Department of Energy laboratories. INL now categorizes all work as R&D, except for manufacturing and security or protection projects.

Source(s):
National Center for Science and Engineering Statistics, FFRDC Research and Development Survey.