

Table 6. Total and federally financed R&D expenditures at federally funded research and development centers, by type of R&D and FFRDC: FY 2025

(Dollars in thousands)

FFRDC	Sponsor	Location	Total				Federally financed											
			All R&D expenditures	Basic research	Applied research	Experimental development	All R&D expenditures	Basic research	Applied research	Experimental development								
All FFRDCs	-	-	31,833,205		6,610,656		12,507,017		12,715,532		31,332,192		6,510,157		12,253,849		12,568,186	
University-administered FFRDCs	-	-	8,288,028		3,242,136		1,566,564		3,479,328		8,122,658		3,164,621		1,499,926		3,458,111	
Ames National Laboratory	DOE	Ames, IA	49,079		20,837		26,643		1,599		48,401		20,665		26,523		1,213	
Argonne National Laboratory	DOE	Argonne, IL	1,248,328		236,887		528,324		483,117		1,214,360		236,887		494,759		482,714	
Fermi National Accelerator Laboratory	DOE	Batavia, IL	392,036		382,842		9,194		0		389,129		382,723		6,406		0	
Jet Propulsion Laboratory	NASA	Pasadena, CA	2,281,569		228,157		228,157		1,825,255		2,281,569		228,157		228,157		1,825,255	
Lawrence Berkeley National Laboratory	DOE	Berkeley, CA	1,231,251		1,126,067		101,412		3,772		1,164,340		1,069,416		91,561		3,363	
Lincoln Laboratory	DOD, OSD	Lexington, MA	1,504,118		12,523		607,947		883,648		1,490,895		12,523		607,947		870,425	
National Radio Astronomy Observatory	NSF	Charlottesville, VA	129,001		114,208		911		13,882		128,107		114,131		442		13,534	
National Solar Observatory	NSF	Boulder, CO	39,822		39,822		0		0		39,766		39,766		0		0	
NSF National Center for Atmospheric Research	NSF	Boulder, CO	213,463		62,716		30,501		120,246		189,694		59,482		16,414		113,798	
NSF National Optical-Infrared Astronomy Research Laboratory	NSF	Tucson, AZ	117,630		117,630		0		0		116,122		116,122		0		0	
Princeton Plasma Physics Laboratory	DOE	Princeton, NJ	138,610		138,196		414		0		134,477		134,477		0		0	
SLAC National Accelerator Laboratory	DOE	Menlo Park, CA	600,450		572,368		28,082		0		586,167		563,429		22,738		0	
Software Engineering Institute	DOD, OSD	Pittsburgh, PA	157,001		4,213		4,979		147,809		157,001		4,213		4,979		147,809	
Thomas Jefferson National Accelerator Facility	DOE	Newport News, VA	185,670		185,670		0		0		182,630		182,630		0		0	
Nonprofit-administered FFRDCs	-	-	11,754,881		2,563,666		3,911,253		5,279,962		11,563,275		2,550,188		3,820,107		5,192,980	
Aerospace Federally Funded Research and Development Center	DOD, Air Force	El Segundo, CA	1,386,475		24,857		141,838		1,219,780		1,375,531		24,310		131,441		1,219,780	
Arroyo Center	DOD, Army	Santa Monica, CA	45,514		0		45,514		0		45,514		0		45,514		0	
Brookhaven National Laboratory	DOE	Upton, NY	760,892		558,032		97,517		105,343		748,362		557,091		95,104		96,167	
Center for Advanced Aviation System Development	DOT, FAA	McLean, VA	200,867		0		7,821		193,046		178,207		0		7,282		170,925	
Center for Communications and Computing	DOD, NSA/CSS	Alexandria, VA	89,010		22,253		44,505		22,252		89,010		22,253		44,505		22,252	
Center for Enterprise Modernization	Treasury/IRS, VA, SSA, DOC	McLean, VA	202,634		0		10,587		192,047		202,236		0		10,577		191,659	
Center for Naval Analyses	DOD, Navy	Arlington, VA	109,637		0		109,637		0		109,637		0		109,637		0	
Center for Nuclear Waste Regulatory Analyses	NRC	San Antonio, TX	5,281		0		5,281		0		5,102		0		5,102		0	
CMS Alliance to Modernize Healthcare	HHS, CMS	Baltimore, MD	188,326		0		4,418		183,908		188,326		0		4,418		183,908	
Homeland Security Operational Analysis Center	DHS, S&T	Arlington, VA	56,663		0		56,663		0		56,663		0		56,663		0	
Homeland Security Systems Engineering and Development Institute	DHS, S&T	McLean, VA	162,439		0		4,170		158,269		162,060		0		4,160		157,900	
Idaho National Laboratory	DOE	Idaho Falls, ID	NA		NA		NA		NA		NA		NA		NA		NA	
National Biodefense Analysis and Countermeasures Center	DHS, S&T	Frederick, MD	44,266		0		44,266		0		44,266		0		44,266		0	
National Cybersecurity Center of Excellence	DOC, NIST	Rockville, MD	29,616		0		659		28,957		29,616		0		659		28,957	
National Defense Research Institute	DOD, OSD	Santa Monica, CA	79,304		0		79,304		0		79,304		0		79,304		0	
National Renewable Energy Laboratory	DOE	Golden, CO	879,428		124,101		486,290		269,037		827,343		124,101		455,039		248,203	
National Security Engineering Center	DOD,OSD	McLean, VA	1,504,115		0		84,993		1,419,122		1,493,714		0		84,695		1,409,019	
Oak Ridge National Laboratory	DOE	Oak Ridge, TN	2,286,846		1,057,326		1,229,520		0		2,258,500		1,057,326		1,201,174		0	
Pacific Northwest National Laboratory	DOE	Richland, WA	1,630,715		304,968		409,341		916,406		1,602,283		299,651		402,204		900,428	
Project Air Force	DOD, Air Force	Santa Monica, CA	54,987		0		54,987		0		54,987		0		54,987		0	

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Savannah River National Laboratory	DOE	Aiken, SC	249,166		12,459		124,582		112,125		245,815		12,291		122,907		110,617	
Science and Technology Policy Institute	NSF	Washington, DC	8,350		0		8,350		0		8,350		0		8,350		0	
Systems and Analyses Center	DOD, OSD	Alexandria, VA	248,119		0		248,119		0		247,901		0		247,901		0	
Industry-administered FFRDCs	-	-	11,790,296		804,854		7,029,200		3,956,242		11,646,259		795,348		6,933,816		3,917,095	
Frederick National Laboratory for Cancer Research	HHS, NIH	Frederick, MD	865,189		150,331		464,814		250,044		865,189		150,331		464,814		250,044	
Lawrence Livermore National Laboratory	DOE	Livermore, CA	2,179,730		125,370		1,537,147		517,213		2,136,131		119,509		1,499,409		517,213	
Los Alamos National Laboratory	DOE	Los Alamos, NM	4,076,960		326,157		3,710,033		40,770		4,031,401		322,512		3,668,575		40,314	
Sandia National Laboratories	DOE	Albuquerque, NM	4,668,417		202,996		1,317,206		3,148,215		4,613,538		202,996		1,301,018		3,109,524	

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

CMS = Centers for Medicare and Medicaid Services; DHS = Department of Homeland Security; DOC = Department of Commerce; DOD = Department of Defense; DOE = Department of Energy; DOT = Department of Transportation; FAA = Federal Aviation Administration; FFRDC = federally funded research and development center; HHS = Department of Health and Human Services; IRS = Internal Revenue Service; NASA = National Aeronautics and Space Administration; NIH = National Institutes of Health; NIST = National Institute of Science and Technology; NRC = Nuclear Regulatory Commission; NSA/CSS = National Security Agency/Central Security Service; NSF = National Science Foundation; OSD = Office of the Secretary of Defense; S&T = Science and Technology Directorate; SSA = Social Security Administration; Treasury = Department of Treasury; VA = Department of Veterans Affairs.

Source(s):
National Center for Science and Engineering Statistics, FFRDC Research and Development Survey, FY 2025.