

Table 18. Federal obligations to federally funded research and development centers, by sponsoring agency, type of R&D, and R&D plant: FY 2024

(Dollars in thousands)

FFRDC	Total R&D and R&D plant	Type of R&D				R&D plant
		Total R&D	Basic research	Applied research	Experimental development	
All agencies sponsoring FFRDCs	18,714,810	16,350,372	6,621,796	5,167,761	4,560,815	2,364,439
Departments						
Department of Commerce	106,920	106,920	0	23,291	83,629	0
National Cybersecurity Center of Excellence	106,920	106,920	0	23,291	83,629	0
Department of Defense	2,438,156	2,438,156	59,596	660,272	1,718,288	0
Aerospace FFRDC	368,729	368,729	14,624	6,193	347,912	0
Arroyo Center	3,235	3,235	0	0	3,235	0
Center for Communications and Computing	6,343	6,343	76	4,067	2,200	0
Center for Naval Analyses	144,531	144,531	30,894	28,082	85,556	0
Lincoln Laboratory	825,077	825,077	8,040	486,392	330,646	0
NSEC—McLean, VA	803,503	803,503	1,041	11,522	790,940	0
National Defense Research Institute	9,533	9,533	1,300	1,160	7,073	0
Project Air Force	51,200	51,200	0	51,200	0	0
Software Engineering Institute	31,093	31,093	250	2,203	28,640	0
Systems and Analyses Center	194,911	194,911	3,372	69,453	122,086	0
Department of Energy	13,078,466	10,714,577	4,935,035	4,069,972	1,709,571	2,363,889
Ames Laboratory	44,249	33,774	31,449	1,949	375	10,475
Argonne National Laboratory	988,504	946,073	684,273	170,824	90,976	42,431
Brookhaven National Laboratory	731,770	598,550	576,966	6,159	15,425	133,220
Fermi National Accelerator Laboratory	766,391	354,552	353,786	380	385	411,839
Idaho National Laboratory	989,953	664,885	13,867	513,900	137,119	325,068
Lawrence Berkeley National Laboratory	1,089,539	892,023	834,220	32,599	25,204	197,516
Lawrence Livermore National Laboratory	1,562,725	1,353,924	121,804	1,014,183	217,936	208,801
Los Alamos National Laboratory	1,089,938	1,003,780	146,058	740,728	116,994	86,157
National Renewable Energy Laboratory	991,023	933,393	43,160	521,656	368,577	57,630
Oak Ridge National Laboratory	1,847,017	1,279,313	976,434	100,736	202,144	567,704
Pacific Northwest National Laboratory	767,001	740,478	278,232	301,856	160,390	26,523
Princeton Plasma Physics Laboratory	149,162	123,162	118,725	4,297	140	26,000
SLAC National Accelerator Laboratory	695,644	497,438	464,714	25,714	7,010	198,206
Sandia National Laboratories	1,071,492	1,039,871	102,225	607,380	330,266	31,621
Savannah River National Laboratory	74,929	72,474	10,818	25,278	36,377	2,455
Thomas Jefferson National Accelerator Facility	219,130	180,888	178,304	2,334	250	38,242
Department of Health and Human Services	547,809	547,809	273,823	273,986	0	0
CMS Alliance to Modernize Healthcare	16,342	16,342	2,774	13,567	0	0
Frederick National Laboratory for Cancer Research	531,467	531,467	271,048	260,419	0	0
Department of Homeland Security	45,418	45,418	1,816	13,994	29,608	0
Homeland Security Systems Engineering and Development Institute	35,728	35,728	1,816	12,994	20,917	0
National Biodefense Analysis and Countermeasures Center	9,691	9,691	0	1,000	8,691	0
Department of Transportation	30,670	30,670	0	0	30,670	0
Center for Advanced Aviation System Development	30,670	30,670	0	0	30,670	0
Department of the Treasury	136,225	136,225	79,406	11,155	45,664	0
Center for Enterprise Modernization	136,225	136,225	79,406	11,155	45,664	0
Other agencies						

Table 18. Federal obligations to federally funded research and development centers, by sponsoring agency, type of R&D, and R&D plant: FY 2024

(Dollars in thousands)

FFRDC	Total R&D and R&D plant	Type of R&D				R&D plant
		Total R&D	Basic research	Applied research	Experimental development	
National Aeronautics and Space Administration	1,955,256	1,954,706	936,732	106,074	911,899	550
Jet Propulsion Laboratory	1,955,256	1,954,706	936,732	106,074	911,899	550
National Science Foundation	350,706	350,706	335,388	399	14,919	0
Green Bank Observatory	9,550	9,550	9,550	0	0	0
NSF's National Optical-Infrared Astronomy Research Laboratory	66,120	66,120	66,120	0	0	0
National Center for Atmospheric Research	128,812	128,812	128,260	301	251	0
National Radio Astronomy Observatory	98,513	98,513	98,438	75	0	0
National Solar Observatory	27,670	27,670	27,670	0	0	0
Science and Technology Policy Institute	20,042	20,042	5,350	23	14,669	0
Nuclear Regulatory Commission	25,183	25,183	0	8,617	16,566	0
Center for Nuclear Waste Regulatory Analyses	25,183	25,183	0	8,617	16,566	0

FFRDC = federally funded research and development center.

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. For additional notes associated with the agencies listed in this table, see technical table A-2 at <https://ncses.nsf.gov/surveys/federal-funds-research-development/2024-2025#technical-tables>.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2024–25.