

TABLE 5

Federally financed R&D expenditures at federally funded research and development centers, by federal agency and FFRDC: FY 2022

(Dollars in thousands)

FFRDC	All federal R&D expenditures	DOD	DOE	HHS	DHS	DOT	NASA	NSF	Other
All FFRDCs	25,962,005	5,407,751	14,479,448	1,279,292	610,137	209,850	2,661,826	345,218	968,483
University-administered FFRDCs	7,015,547	1,160,040	2,840,006	39,594	79,188	35,427	2,460,192	338,588	62,512
Ames Laboratory	38,032	0	38,032	0	0	0	0	0	0
Argonne National Laboratory	934,724	28,240	854,246	6,148	23,701	5,476	421	224	16,268
Fermi National Accelerator Laboratory	329,131	0	329,131	0	0	0	0	0	0
Green Bank Observatory	10,384	0	0	0	0	0	14	10,370	0
Jet Propulsion Laboratory	2,417,556	0	0	0	0	0	2,417,556	0	0
Lawrence Berkeley National Laboratory	971,554	11,871	930,980	21,589	1,436	899	3,888	0	891
Lincoln Laboratory	1,119,338	1,027,000	6,870	2,654	18,808	24,478	20,563	0	18,965
National Center for Atmospheric Research	171,310	3,918	2,981	0	0	4,310	14,704	127,181	18,216
National Radio Astronomy Observatory	91,913	407	0	0	0	0	168	91,338	0
National Solar Observatory	33,800	46	0	0	0	0	868	32,886	0
NSF's National Optical-Infrared Astronomy Research Laboratory (NSF's NOIRLab)	79,193	79	3,684	0	0	0	400	75,030	0
Princeton Plasma Physics Laboratory	119,828	137	118,758	0	0	0	862	71	0
SLAC National Accelerator Laboratory	419,094	3,822	403,644	7,753	920	0	748	1,488	719
Software Engineering Institute	129,316	84,520	1,306	1,450	34,323	264	0	0	7,453
Thomas Jefferson National Accelerator Facility	150,374	0	150,374	0	0	0	0	0	0
Nonprofit-administered FFRDCs	8,998,910	2,949,887	4,285,051	322,251	437,387	173,138	130,648	6,630	693,918
Aerospace Federally Funded Research and Development Center	1,147,041	1,003,373	20,974	0	612	3,697	85,201	163	33,021
Arroyo Center	40,856	40,856	0	0	0	0	0	0	0
Brookhaven National Laboratory	639,527	1,184	610,346	3,092	1,459	0	8,783	0	14,663
Center for Advanced Aviation System Development	164,992	0	0	0	0	164,750	242	0	0
Center for Communications and Computing	74,759	74,759	0	0	0	0	0	0	0
Center for Enterprise Modernization	235,317	0	17	0	0	0	885	0	234,415

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FFRDC	All federal R&D expenditures	DOD	DOE	HHS	DHS	DOT	NASA	NSF	Other
Center for Naval Analyses	93,567	93,567	0	0	0	0	0	0	0
Center for Nuclear Waste Regulatory Analyses	3,595	36	138	0	0	102	0	0	3,319
CMS Alliance to Modernize Healthcare	286,693	0	0	286,693	0	0	0	0	0
Homeland Security Operational Analysis Center	52,984	0	0	0	52,456	0	0	0	528
Homeland Security Systems Engineering and Development Institute	181,702	0	0	0	179,618	0	0	0	2,084
Idaho National Laboratory	630,446	96,483	449,996	0	62,565	835	4,606	0	15,961
National Biodefense Analysis and Countermeasures Center	45,869	1,119	0	1,119	29,510	0	0	0	14,121
National Cybersecurity Center of Excellence	27,955	0	0	0	0	0	0	0	27,955
National Defense Research Institute	61,097	59,151	0	0	0	212	0	0	1,734
National Renewable Energy Laboratory	536,683	11,882	505,161	145	4,652	780	953	0	13,110
National Security Engineering Center	1,282,762	1,091,302	0	0	0	0	0	0	191,460
Oak Ridge National Laboratory	1,789,100	54,508	1,574,496	6,379	11,040	2,762	27,561	244	112,110
Pacific Northwest National Laboratory	1,266,328	172,623	969,783	24,010	80,943	0	1,811	632	16,526
Project Air Force	46,517	46,517	0	0	0	0	0	0	0
Savannah River National Laboratory	179,848	23,503	151,107	0	2,108	0	0	0	3,130
Science and Technology Policy Institute	10,593	66	292	813	650	0	414	5,591	2,767
Systems and Analyses Center	200,679	178,958	2,741	0	11,774	0	192	0	7,014
Industry-administered FFRDCs	9,947,548	1,297,824	7,354,391	917,447	93,562	1,285	70,986	0	212,053
Frederick National Laboratory for Cancer Research	904,182	154	0	904,027	0	0	0	0	1
Lawrence Livermore National Laboratory	1,633,185	307,749	1,278,991	6,652	26,985	0	5,227	0	7,581
Los Alamos National Laboratory	3,629,955	73,607	3,395,021	5,056	3,843	0	64,508	0	87,920
Sandia National Laboratories	3,780,226	916,314	2,680,379	1,712	62,734	1,285	1,251	0	116,551

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 2022.