Table 2
Federally financed R&D expenditures at federally funded research and development centers, by federal agency and FFRDC: FY 2022 (Thousands of current dollars)

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	C
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	C
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	C
National Solar Observatory	33,800	46	0	0	0	0	868	32,886	C
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				0	0	0		71	
Laboratory SLAC National Accelerator	119,828	137	118,758	U	U	U	862	/ 1	0
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	150.074	0	150.074	0	0	0	0		
Accelerator Facility Nonprofit-administered FFRDCs	150,374 8,998,910	2,949,887	150,374 4,285,051	322,251	437,387	173,138	130,648	6,630	693,918
Aerospace Federally Funded	0,990,910	2,545,007	4,203,031	322,231	437,307	173,130	130,040	0,030	093,910
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		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
Center for Naval Analyses	93,567	93,567	0	0	0	0	0	0	C
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	C
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

Table 2
Federally financed R&D expenditures at federally funded research and development centers, by federal agency and FFRDC: FY 2022 (Thousands of current dollars)

FFRDC	All federal R&D expenditures	DOD	DOE	HHS	DHS	DOT	NASA	NSF	Other
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 2021.