

TABLE 4

R&D expenditures at federally funded research and development centers, by source of funds and FFRDC: FY 2020

(Dollars in thousands)

FFRDC	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	All other sources
All FFRDCs	23,514,241	23,133,501	43,995	172,866	47,056	116,823
University-administered FFRDCs	7,003,132	6,867,741	15,445	47,427	19,034	53,485
Ames Laboratory	32,844	32,302	299	243	0	0
Argonne National Laboratory	859,658	840,237	0	14,882	381	4,158
Fermi National Accelerator Laboratory	300,002	299,811	0	108	32	51
Jet Propulsion Laboratory	2,638,412	2,638,412	0	0	0	0
Lawrence Berkeley National Laboratory	916,082	862,965	10,791	22,342	4,857	15,127
Lincoln Laboratory	1,115,927	1,093,081	0	1,731	0	21,115
National Center for Atmospheric Research	188,484	175,316	0	4,920	8,248	0
National Radio Astronomy Observatory	100,078	98,458	0	243	808	569
National Solar Observatory	16,892	16,472	0	0	0	420
NSF's National Optical-Infrared Astronomy Research Laboratory	72,686	69,685	0	0	0	3,001
Princeton Plasma Physics Laboratory	107,662	103,856	0	87	0	3,719
SLAC National Accelerator Laboratory	382,264	366,936	3,048	2,294	4,696	5,290
Software Engineering Institute	141,291	141,291	0	0	0	0
Thomas Jefferson National Accelerator Facility	130,850	128,919	1,307	577	12	35
Nonprofit-administered FFRDCs	7,419,509	7,279,066	26,063	62,498	27,432	24,450
Aerospace Federally Funded Research and Development Center	1,114,741	1,109,291	0	4,867	0	583
Arroyo Center	35,248	35,248	0	0	0	0
Brookhaven National Laboratory	595,466	569,925	17,174	4,482	404	3,481
Center for Advanced Aviation System Development	180,634	163,497	97	4,175	1,126	11,739
Center for Communications and Computing	67,072	67,072	0	0	0	0
Center for Enterprise Modernization	190,408	190,408	0	0	0	0
Center for Naval Analyses	95,874	95,874	0	0	0	0
Center for Nuclear Waste Regulatory Analyses	6,762	6,359	53	311	16	23
CMS Alliance to Modernize Healthcare	228,162	228,162	0	0	0	0
Homeland Security Operational Analysis Center	44,736	44,736	0	0	0	0
Homeland Security Systems Engineering and Development Institute	136,874	135,713	248	14	385	514
Judiciary Engineering and Modernization Center	6,765	6,708	57	0	0	0
National Biodefense Analysis and Countermeasures Center	42,330	42,330	0	0	0	0
National Cybersecurity Center of Excellence	23,557	23,557	0	0	0	0
National Defense Research Institute	64,134	64,134	0	0	0	0
National Renewable Energy Laboratory	511,585	456,336	5,983	33,885	15,381	0
National Security Engineering Center	1,143,701	1,142,013	0	0	841	847
Oak Ridge National Laboratory	1,632,684	1,616,580	232	8,943	1,756	5,173
Pacific Northwest National Laboratory	1,071,249	1,053,982	2,219	5,821	7,523	1,704
Project Air Force	46,936	46,936	0	0	0	0
Science and Technology Policy Institute	9,256	9,256	0	0	0	0
Systems and Analyses Center	171,335	170,949	0	0	0	386
Industry-administered FFRDCs	9,091,600	8,986,694	2,487	62,941	590	38,888
Frederick National Laboratory for Cancer Research	745,726	745,726	0	0	0	0
Idaho National Laboratory	494,094	481,146	717	4,585	150	7,496
Lawrence Livermore National Laboratory	1,558,071	1,526,467	935	17,292	440	12,937
Los Alamos National Laboratory	2,722,375	2,701,388	0	20,987	0	0
Sandia National Laboratories	3,395,241	3,358,481	835	17,574	NA	18,351

TABLE 4

R&D expenditures at federally funded research and development centers, by source of funds and FFRDC: FY 2020

(Dollars in thousands)

FFRDC	All R&D expenditures	Federal government	State and local government	Business	Nonprofit organizations	All other sources
Savannah River National Laboratory	176,093	173,486	0	2,503	0	104

NA = not available; data were not provided by institution.

FFRDC = federally funded research and development center; NSF = National Science Foundation.

Source(s):

National Center for Science and Engineering Statistics, FFRDC Research and Development Survey, FY 2020.