

TABLE 18

Federal obligations to federally funded research and development centers, by sponsoring agency, type of R&D, and R&D plant: FY 2023

(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	18,959,064	16,388,877	6,857,966	4,717,143	4,813,768	2,570,187
Departments						
Department of Commerce	21,241	21,241	0	0	21,241	0
National Cybersecurity Center of Excellence	21,241	21,241	0	0	21,241	0
Department of Defense	2,004,421	2,004,421	272,774	447,436	1,284,211	0
Aerospace FFRDC	320,048	320,048	15,850	4,304	299,893	0
Arroyo Center	31,616	31,616	0	0	31,616	0
Center for Communications and Computing	20,625	20,625	2,695	5,621	12,309	0
Center for Naval Analyses	54,182	54,182	192	2,528	51,461	0
Lincoln Laboratory	762,138	762,138	103,435	197,333	461,370	0
NSEC—Bedford, MA	205,353	205,353	0	7,185	198,168	0
NSEC—McLean, VA	223,413	223,413	126,793	9,486	87,133	0
National Defense Research Institute	9,271	9,271	0	703	8,568	0
Project Air Force	48,700	48,700	0	41,882	6,818	0
Software Engineering Institute	67,434	67,434	19,953	10,878	36,603	0
Systems and Analyses Center	261,643	261,643	3,855	167,515	90,272	0
Department of Energy	13,015,384	10,464,997	4,759,132	3,671,762	2,034,102	2,550,387
Ames Laboratory	36,237	30,205	27,950	911	1,343	6,032
Argonne National Laboratory	923,853	881,361	629,422	133,749	118,191	42,492
Brookhaven National Laboratory	732,813	586,920	563,384	12,093	11,443	145,893
Fermi National Accelerator Laboratory	726,529	337,112	336,350	0	762	389,417
Idaho National Laboratory	1,101,269	627,395	16,591	426,335	184,468	473,875
Lawrence Berkeley National Laboratory	1,316,131	1,029,654	797,333	112,177	120,144	286,477
Lawrence Livermore National Laboratory	1,498,856	1,234,384	117,919	955,340	161,124	264,473
Los Alamos National Laboratory	988,746	912,622	153,534	642,840	116,249	76,124
National Renewable Energy Laboratory	803,660	714,596	43,619	289,780	381,197	89,064
Oak Ridge National Laboratory	1,892,189	1,452,826	963,967	204,760	284,099	439,364
Pacific Northwest National Laboratory	701,793	661,761	270,557	195,601	195,603	40,033
Princeton Plasma Physics Laboratory	158,518	126,544	126,160	236	148	31,974
SLAC National Accelerator Laboratory	604,149	424,273	416,050	5,952	2,271	179,876
Sandia National Laboratories	1,215,402	1,174,112	107,036	665,009	402,067	41,289
Savannah River National Laboratory	94,633	91,589	10,446	26,149	54,994	3,043
Thomas Jefferson National Accelerator Facility	220,605	179,643	178,813	830	0	40,963
Department of Health and Human Services	865,489	865,489	443,613	421,800	76	0
CMS Alliance to Modernize Healthcare	17,230	17,230	8,456	8,698	76	0
Frederick National Laboratory for Cancer Research	848,259	848,259	435,157	413,102	0	0
Department of Homeland Security	481	481	0	0	481	0
Homeland Security Systems Engineering and Development Institute	481	481	0	0	481	0
Department of Transportation	37,763	37,763	0	0	37,763	0
Center for Advanced Aviation System Development	37,763	37,763	0	0	37,763	0
Department of the Treasury	113,325	113,325	3,945	5,144	104,236	0

TABLE 18

Federal obligations to federally funded research and development centers, by sponsoring agency, type of R&D, and R&D plant: FY 2023

(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
Center for Enterprise Modernization	113,325	113,325	3,945	5,144	104,236	0
Other agencies						
National Aeronautics and Space Administration	2,508,689	2,488,889	1,024,903	154,000	1,309,987	19,800
Jet Propulsion Laboratory	2,508,689	2,488,889	1,024,903	154,000	1,309,987	19,800
National Science Foundation	363,766	363,766	353,599	8,784	1,383	0
Green Bank Observatory	13,616	13,616	13,616	0	0	0
NSF's National Optical-Infrared Astronomy Research Laboratory	92,429	92,429	92,429	0	0	0
National Center for Atmospheric Research	126,845	126,845	117,200	8,262	1,383	0
National Radio Astronomy Observatory	103,905	103,905	103,905	0	0	0
National Solar Observatory	20,770	20,770	20,770	0	0	0
Science and Technology Policy Institute	6,202	6,202	5,680	522	0	0
Nuclear Regulatory Commission	28,505	28,505	0	8,217	20,288	0
Center for Nuclear Waste Regulatory Analyses	28,505	28,505	0	8,217	20,288	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. See technical table A-2 for additional notes associated with the agencies listed in this table.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2023–24.