

TABLE 15

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

(Dollars in thousands)

Agency	R&D				R&D plant			
	Total	Industry-administered FFRDCs	University-administered FFRDCs	Nonprofit-administered FFRDCs	Total	Industry-administered FFRDCs	University-administered FFRDCs	Nonprofit-administered FFRDCs
All agencies	16,388,877	4,888,361	6,684,817	4,815,698	2,570,187	858,803	997,031	714,353
Departments								
Department of Commerce	25,929	0	9,173	16,756	0	0	0	0
National Institute of Standards and Technology	16,756	0	0	16,756	0	0	0	0
National Oceanic and Atmospheric Administration	9,173	0	9,173	0	0	0	0	0
Department of Defense	2,415,826	418,599	848,749	1,148,478	0	0	0	0
Defense Advanced Research Projects Agency	136,724	38,987	66,821	30,916	0	0	0	0
Defense Health Agency	6,809	0	300	6,509	0	0	0	0
Department of the Air Force	290,418	87,812	64,521	138,085	0	0	0	0
Department of the Army	171,591	23,201	73,609	74,782	0	0	0	0
Department of the Navy	302,078	130,972	53,364	117,742	0	0	0	0
Space Force	290,504	8,868	25,606	256,031	0	0	0	0
Other defense agencies	1,217,702	128,759	564,529	524,414	0	0	0	0
Department of Energy	9,827,716	3,542,273	2,953,756	3,331,687	2,550,387	858,803	977,231	714,353
Advanced Research Projects Agency—Energy	48,459	11,431	9,515	27,514	0	0	0	0
Electricity Delivery and Energy Reliability	123,301	35,033	18,949	69,319	0	0	0	0
Energy Efficiency and Renewable Energy	1,655,627	248,255	327,548	1,079,823	89,064	0	0	89,064
Environmental Management	33,362	24,741	2,076	6,544	0	0	0	0
Fossil Energy	93,379	35,392	15,903	42,083	0	0	0	0
National Nuclear Security Administration	2,603,986	2,365,276	32,967	205,743	403,191	384,181	141	18,869
Defense Programs	2,240,888	2,131,838	7,448	101,602	378,772	376,439	141	2,191
Naval Nuclear Propulsion Program	320	320	0	0	0	0	0	0
Office of Defense Nuclear Nonproliferation	362,778	233,118	25,519	104,141	24,419	7,742	0	16,677
Nuclear Energy	576,621	469,148	43,342	64,131	473,722	473,722	0	0

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Office of Cybersecurity, Energy Security, and Emergency Response	135,503	64,116	23,478	47,909	0	0	0	0
Office of Science	4,557,478	288,880	2,479,977	1,788,621	1,584,410	900	977,090	606,421
Department of Health and Human Services	921,201	859,967	29,485	31,749	0	0	0	0
National Institutes of Health	921,201	859,967	29,485	31,749	0	0	0	0
Department of Homeland Security	29,341	18,011	6,000	5,330	0	0	0	0
Countering Weapons of Mass Destruction Office	17,628	7,628	6,000	4,000	0	0	0	0
Cybersecurity and Infrastructure Security Agency	1,280	1,280	0	0	0	0	0	0
Science and Technology Directorate	7,103	7,103	0	0	0	0	0	0
Secret Service	330	0	0	330	0	0	0	0
Transportation Security Administration	3,000	2,000	0	1,000	0	0	0	0
Department of the Interior	223	0	223	0	0	0	0	0
Bureau of Land Management	1	0	1	0	0	0	0	0
Bureau of Reclamation	222	0	222	0	0	0	0	0
Department of Transportation	86,493	4,106	830	81,557	0	0	0	0
Federal Aviation Administration	80,621	0	0	80,621	0	0	0	0
Federal Highway Administration	830	0	830	0	0	0	0	0
Federal Motor Carrier Safety Administration	37	0	0	37	0	0	0	0
Federal Railroad Administration	648	0	0	648	0	0	0	0
National Highway Traffic Safety Administration	2,471	2,471	0	0	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	1,885	1,635	0	250	0	0	0	0
Department of the Treasury	6,000	6,000	0	0	0	0	0	0
Bureau of Engraving and Printing	6,000	6,000	0	0	0	0	0	0

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Department of Veterans Affairs	126,793	0	0	126,793	0	0	0	0
Other agencies								
Environmental Protection Agency	1,116	779	152	185	0	0	0	0
National Aeronautics and Space Administration	2,561,537	21,803	2,486,316	53,417	19,800	0	19,800	0
National Science Foundation	353,613	0	347,709	5,904	0	0	0	0
Nuclear Regulatory Commission	33,090	16,824	2,424	13,842	0	0	0	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.