

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 2022

(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	15,380,951	4,328,059	6,688,760	4,364,133	3,436,961	686,135	1,499,111	1,251,715
Departments								
Department of Commerce	19,845	0	6,787	13,058	0	0	0	0
National Institute of Standards and Technology	13,058	0	0	13,058	0	0	0	0
National Oceanic and Atmospheric Administration	6,787	0	6,787	0	0	0	0	0
Department of Defense	3,022,562	348,347	1,373,140	1,301,075	50,538	0	50,538	0
Defense Advanced Research Projects Agency	155,578	64,227	52,026	39,325	0	0	0	0
Defense Health Agency	9,467	3,114	0	6,354	0	0	0	0
Department of the Air Force	564,128	98,819	50,857	414,452	0	0	0	0
Department of the Army	123,092	22,170	22,614	78,308	0	0	0	0
Department of the Navy	211,036	64,805	46,973	99,259	0	0	0	0
Space Force	275,166	4,776	38,712	231,678	0	0	0	0
Other defense agencies	1,684,093	90,437	1,161,958	431,699	50,538	0	50,538	0
Department of Energy	8,705,607	3,251,486	2,688,746	2,765,374	3,368,327	686,135	1,440,572	1,241,619
Advanced Research Projects Agency—Energy	49,299	15,227	12,393	21,679	0	0	0	0
Electricity Delivery and Energy Reliability	81,910	20,080	4,801	57,028	0	0	0	0
Energy Efficiency and Renewable Energy	996,961	134,240	197,676	665,045	48,601	0	0	48,601
Environmental Management	29,095	25,805	895	2,395	0	0	0	0
Fossil Energy	85,349	38,834	13,484	33,032	0	0	0	0
National Nuclear Security Administration	2,533,161	2,323,398	21,622	188,141	351,146	337,776	38	13,332
Defense Programs	2,211,281	2,122,591	443	88,247	336,211	333,041	38	3,132
Naval Nuclear Propulsion Program	1,650	1,560	0	90	0	0	0	0
Office of Defense Nuclear Nonproliferation	320,231	199,247	21,180	99,804	14,935	4,735	0	10,200
Nuclear Energy	549,485	422,428	40,152	86,905	367,962	348,208	0	19,754

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Office of Cybersecurity, Energy Security, and Emergency Response	15,787	7,477	0	8,310	0	0	0	0
Office of Science	4,364,560	263,997	2,397,724	1,702,840	2,600,618	151	1,440,535	1,159,932
Department of Health and Human Services	719,159	654,612	25,502	39,045	0	0	0	0
National Institutes of Health	719,159	654,612	25,502	39,045	0	0	0	0
Department of Homeland Security	59,466	31,181	2,750	25,535	10,096	0	0	10,096
Countering Weapons of Mass Destruction Office	20,601	12,550	2,750	5,301	0	0	0	0
Science and Technology Directorate	38,866	18,631	0	20,234	10,096	0	0	10,096
Transportation Security Administration	*	0	0	*	0	0	0	0
Department of the Interior	49	0	49	0	0	0	0	0
Bureau of Land Management	49	0	49	0	0	0	0	0
Department of Transportation	80,267	0	1,670	78,597	0	0	0	0
Federal Aviation Administration	76,319	0	0	76,319	0	0	0	0
Federal Highway Administration	1,878	0	1,225	653	0	0	0	0
Federal Motor Carrier Safety Administration	1,625	0	0	1,625	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	445	0	445	0	0	0	0	0
Department of the Treasury	8,850	5,900	0	2,950	0	0	0	0
Bureau of Engraving and Printing	8,850	5,900	0	2,950	0	0	0	0
Department of Veterans Affairs	74,313	0	0	74,313	0	0	0	0
Other agencies								
Administrative Office of the U.S. Courts	1,443	0	0	1,443	0	0	0	0
Environmental Protection Agency	1,118	225	430	463	0	0	0	0
National Aeronautics and Space Administration	2,340,349	20,896	2,277,659	41,795	8,000	0	8,000	0

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National Science Foundation	315,499	0	310,333	5,166	*	0	*	0
Nuclear Regulatory Commission	32,425	15,413	1,693	15,319	0	0	0	0

* = amount greater than \$0 but less than \$500.

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. FY 2022 obligations include additional funding provided by supplemental COVID-19 pandemic-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act). 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 2022–23.