

TABLE 42

Federal obligations for R&D plant, by agency and performer: FY 2023

(Dollars in thousands)

Agency	Total	Intramural		Extramural				
		Federal agencies ^a	FFRDCs	United States and U.S. territories				Non-U.S. performers
				Businesses	Higher education ^b	Nonprofit organizations	State and local governments	
All agencies	5,663,969	1,420,473	2,570,187	1,087,987	458,139	113,860	13,202	121
Departments								
Department of Agriculture	63,568	63,568	0	0	0	0	0	0
Agricultural Research Service	48,360	48,360	0	0	0	0	0	0
Forest Service	14,334	14,334	0	0	0	0	0	0
Natural Resources Conservation Service	873	873	0	0	0	0	0	0
Department of Commerce	810,365	595,813	0	214,552	0	0	0	0
National Institute of Standards and Technology	143,098	143,098	0	0	0	0	0	0
National Oceanic and Atmospheric Administration	665,904	451,352	0	214,552	0	0	0	0
National Telecommunications and Information Administration	1,363	1,363	0	0	0	0	0	0
Department of Defense	291,067	271,322	0	14,745	5,000	0	0	0
Department of the Air Force	218,838	213,198	0	5,640	0	0	0	0
Department of the Navy	57,773	50,057	0	2,716	5,000	0	0	0
Other defense agencies	14,456	8,067	0	6,389	0	0	0	0
Department of Energy	3,292,348	57,407	2,550,387	665,626	6,825	0	12,102	0
Energy Efficiency and Renewable Energy	89,064	0	89,064	0	0	0	0	0
Fossil Energy	25,200	25,200	0	0	0	0	0	0
National Nuclear Security Administration	1,096,362	31,183	403,191	661,956	33	0	0	0
Defense Programs	494,720	31,183	378,772	84,733	33	0	0	0
Naval Nuclear Propulsion Program	577,223	0	0	577,223	0	0	0	0
Office of Defense Nuclear Nonproliferation	24,419	0	24,419	0	0	0	0	0
Nuclear Energy	477,388	1,024	473,722	1,088	75	0	1,478	0
Office of Science	1,604,333	0	1,584,410	2,582	6,717	0	10,624	0
Department of Health and Human Services	483,949	335,301	0	60,649	75,201	12,798	0	0
Biomedical Advanced Research and Development Authority	60,649	0	0	60,649	0	0	0	0
Food and Drug Administration	16,280	16,280	0	0	0	0	0	0
Health Resources and Services Administration	2,020	2,020	0	0	0	0	0	0
National Institutes of Health	405,000	317,001	0	0	75,201	12,798	0	0
Department of Homeland Security	15,878	11,375	0	3,402	0	0	1,100	0
Science and Technology Directorate	14,878	11,375	0	2,402	0	0	1,100	0
Transportation Security Administration	1,000	0	0	1,000	0	0	0	0
Department of the Interior	5,951	1,501	0	4,384	0	66	0	0
Bureau of Reclamation	1,666	1,260	0	340	0	66	0	0
Bureau of Safety and Environmental Enforcement	4,285	241	0	4,044	0	0	0	0

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Department of Transportation	34,695	17	0	34,113	526	0	0	39
Federal Aviation Administration	31,401	17	0	31,345	0	0	0	39
Federal Highway Administration	526	0	0	0	526	0	0	0
Federal Railroad Administration	2,768	0	0	2,768	0	0	0	0
Other agencies								
Environmental Protection Agency	2,300	0	0	2,300	0	0	0	0
National Aeronautics and Space Administration	109,019	1,900	19,800	87,319	0	0	0	0
National Science Foundation	480,830	8,269	0	896	370,587	100,996	0	82
Smithsonian Institution	74,000	74,000	0	0	0	0	0	0

FFRDC = federally funded research and development center.

^a Federal agencies' activities cover costs associated with the administration of federal R&D performance and R&D procurements from nonfederal performers by federal personnel, transfers of funds to other federal agencies for purposes related to R&D, and actual federal performance.^b Higher education includes both public and private institutions as well as University Affiliated Research Centers.**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.