

TABLE 43

Preliminary 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	6,520,860	2,137,729	2,408,808	1,144,004	632,532	190,305	7,157	324
Departments								
Department of Agriculture	58,275	58,275	0	0	0	0	0	0
Agricultural Research Service	42,000	42,000	0	0	0	0	0	0
Forest Service	16,275	16,275	0	0	0	0	0	0
Department of Commerce	1,252,736	1,252,736	0	0	0	0	0	0
National Institute of Standards and Technology	198,424	198,424	0	0	0	0	0	0
National Oceanic and Atmospheric Administration	1,052,812	1,052,812	0	0	0	0	0	0
National Telecommunications and Information Administration	1,500	1,500	0	0	0	0	0	0
Department of Defense	356,552	296,681	0	59,871	0	0	0	0
Department of the Air Force	269,778	232,481	0	37,296	0	0	0	0
Department of the Navy	75,905	56,246	0	19,659	0	0	0	0
Other defense agencies	10,869	7,954	0	2,916	0	0	0	0
Department of Energy	3,479,651	138,387	2,375,233	950,042	8,050	783	7,157	0
Energy Efficiency and Renewable Energy	66,078	0	66,078	0	0	0	0	0
Fossil Energy	25,200	25,200	0	0	0	0	0	0
National Nuclear Security Administration	1,364,110	110,443	295,863	948,979	8,043	783	0	0
Defense Programs	763,313	110,443	272,289	371,756	8,043	783	0	0
Naval Nuclear Propulsion Program	577,223	0	0	577,223	0	0	0	0
Office of Defense Nuclear Nonproliferation	23,574	0	23,574	0	0	0	0	0
Nuclear Energy	517,551	2,744	511,680	1,063	7	0	2,057	0
Office of Science	1,506,712	0	1,501,612	0	0	0	5,100	0
Department of Health and Human Services	406,694	175,558	0	0	222,865	8,271	0	0
Food and Drug Administration	11,694	11,694	0	0	0	0	0	0
National Institutes of Health	395,000	163,864	0	0	222,865	8,271	0	0
Department of Homeland Security	55,000	19,500	11,000	24,500	0	0	0	0
Science and Technology Directorate	55,000	19,500	11,000	24,500	0	0	0	0
Department of the Interior	6,166	1,644	0	4,522	0	0	0	0
Bureau of Reclamation	1,666	800	0	866	0	0	0	0
Bureau of Safety and Environmental Enforcement	4,500	844	0	3,656	0	0	0	0
Department of Transportation	39,427	1,580	0	36,113	989	622	0	122
Federal Aviation Administration	33,989	11	0	33,856	0	0	0	122

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Federal Railroad Administration	4,938	1,569	0	1,757	989	622	0	0
National Highway Traffic Safety Administration	500	0	0	500	0	0	0	0
Department of the Treasury	18,282	0	0	18,282	0	0	0	0
Bureau of Engraving and Printing	18,282	0	0	18,282	0	0	0	0
Other agencies								
Environmental Protection Agency	2,300	0	0	2,300	0	0	0	0
National Aeronautics and Space Administration	107,500	15,050	22,575	48,375	19,350	2,150	0	0
National Science Foundation	664,277	104,318	*	0	381,278	178,480	0	202
Smithsonian Institution	74,000	74,000	0	0	0	0	0	0

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

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 2022–23.