

TABLE 43

Preliminary federal obligations for R&D plant, by agency and performer: FY 2024

(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	5,272,560	1,486,145	2,517,169	709,129	397,735	159,277	2,992	113
Departments								
Department of Agriculture	90,827	90,827	0	0	0	0	0	0
Agricultural Research Service	79,000	79,000	0	0	0	0	0	0
Forest Service	11,060	11,060	0	0	0	0	0	0
Natural Resources Conservation Service	767	767	0	0	0	0	0	0
Department of Commerce	762,914	640,712	0	114,014	5,688	2,500	0	0
National Institute of Standards and Technology	144,269	144,269	0	0	0	0	0	0
National Oceanic and Atmospheric Administration	504,631	496,443	0	0	5,688	2,500	0	0
National Telecommunications and Information Administration	114,014	0	0	114,014	0	0	0	0
Department of Defense	219,806	195,849	0	23,957	0	0	0	0
Department of the Air Force	161,125	139,450	0	21,674	0	0	0	0
Department of the Navy	49,272	49,272	0	0	0	0	0	0
Other defense agencies	9,409	7,126	0	2,283	0	0	0	0
Department of Energy	3,052,200	107,460	2,508,212	422,647	11,352	537	1,992	0
Energy Efficiency and Renewable Energy	60,612	0	60,612	0	0	0	0	0
Fossil Energy	25,000	25,000	0	0	0	0	0	0
National Nuclear Security Administration	1,030,719	78,778	526,292	416,896	8,216	537	0	0
Defense Programs	751,543	78,778	502,200	161,812	8,216	537	0	0
Naval Nuclear Propulsion Program	255,084	0	0	255,084	0	0	0	0
Office of Defense Nuclear Nonproliferation	24,092	0	24,092	0	0	0	0	0
Nuclear Energy	418,133	3,682	411,674	751	33	0	1,992	0
Office of Science	1,517,737	0	1,509,634	5,000	3,103	0	0	0
Department of Health and Human Services	477,228	315,661	0	79,000	70,559	12,008	0	0
Biomedical Advanced Research and Development Authority	79,000	0	0	79,000	0	0	0	0
Food and Drug Administration	16,207	16,207	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	380,000	297,433	0	0	70,559	12,008	0	0
Department of Homeland Security	56,000	47,000	3,000	3,000	2,000	0	1,000	0
Science and Technology Directorate	55,000	47,000	3,000	2,000	2,000	0	1,000	0
Transportation Security Administration	1,000	0	0	1,000	0	0	0	0
Department of the Interior	6,450	2,428	0	3,905	0	117	0	0
Bureau of Reclamation	2,950	2,231	0	602	0	117	0	0
Bureau of Safety and Environmental Enforcement	3,500	197	0	3,303	0	0	0	0

TABLE 43

Preliminary federal obligations for R&D plant, by agency and performer: FY 2024

(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	
Department of Transportation	31,226	15	0	30,676	500	0	0	35
Federal Aviation Administration	27,820	15	0	27,770	0	0	0	35
Federal Highway Administration	500	0	0	0	500	0	0	0
Federal Railroad Administration	2,906	0	0	2,906	0	0	0	0
Other agencies								
Environmental Protection Agency	4,800	0	0	4,800	0	0	0	0
National Aeronautics and Space Administration	32,800	572	5,957	26,271	0	0	0	0
National Science Foundation	460,609	7,921	0	858	307,636	144,115	0	79
Smithsonian Institution	77,700	77,700	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.