

TABLE 42

Federal obligations for R&D plant, by agency and performer: FY 2022

(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	6,173,332	1,095,957	3,436,961	1,020,424	462,769	148,648	7,707	866
Departments								
Department of Agriculture	179,440	179,440	0	0	0	0	0	0
Agricultural Research Service	170,061	170,061	0	0	0	0	0	0
Forest Service	9,379	9,379	0	0	0	0	0	0
Department of Commerce	379,425	379,425	0	0	0	0	0	0
National Institute of Standards and Technology	96,158	96,158	0	0	0	0	0	0
National Oceanic and Atmospheric Administration	281,767	281,767	0	0	0	0	0	0
National Telecommunications and Information Administration	1,500	1,500	0	0	0	0	0	0
Department of Defense	255,660	178,926	50,538	26,195	0	0	0	0
Department of the Air Force	130,765	120,759	0	10,006	0	0	0	0
Department of the Navy	62,776	49,862	0	12,914	0	0	0	0
Other defense agencies	62,118	8,305	50,538	3,275	0	0	0	0
Department of Energy	4,279,970	75,119	3,368,327	829,679	66	0	6,779	0
Energy Efficiency and Renewable Energy	48,601	0	48,601	0	0	0	0	0
Fossil Energy	29,000	29,000	0	0	0	0	0	0
National Nuclear Security Administration	1,207,904	36,782	351,146	819,914	61	0	0	0
Defense Programs	618,449	36,782	336,211	245,394	61	0	0	0
Naval Nuclear Propulsion Program	574,520	0	0	574,520	0	0	0	0
Office of Defense Nuclear Nonproliferation	14,935	0	14,935	0	0	0	0	0
Nuclear Energy	372,184	1,973	367,962	765	5	0	1,479	0
Office of Science	2,622,282	7,364	2,600,618	9,000	0	0	5,300	0
Department of Health and Human Services	291,447	127,510	0	93	157,980	5,863	0	0
Biomedical Advanced Research and Development Authority	1,031	938	0	93	0	0	0	0
Food and Drug Administration	10,415	10,415	0	0	0	0	0	0
National Institutes of Health	280,000	116,157	0	0	157,980	5,863	0	0
Department of Homeland Security	10,818	0	10,096	137	0	0	0	586
Science and Technology Directorate	10,818	0	10,096	137	0	0	0	586
Department of the Interior	6,872	1,780	0	5,092	0	0	0	0
Bureau of Reclamation	1,650	800	0	850	0	0	0	0
Bureau of Safety and Environmental Enforcement	5,222	980	0	4,242	0	0	0	0

TABLE 42

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(Dollars in thousands)

Agency	Total	Intramural		Extramural				Non-U.S. performers
		Federal agencies ^a	FFRDCs	United States and U.S. territories				
				Businesses	Higher education ^b	Nonprofit organizations	State and local governments	
Department of Transportation	37,918	1,019	0	35,402	831	546	0	120
Federal Aviation Administration	33,387	11	0	33,257	0	0	0	120
Federal Railroad Administration	4,031	1,009	0	1,646	831	546	0	0
National Highway Traffic Safety Administration	500	0	0	500	0	0	0	0
Other agencies								
Environmental Protection Agency	5,800	0	0	5,800	0	0	0	0
National Aeronautics and Space Administration	126,953	0	8,000	118,026	0	0	928	0
National Science Foundation	529,429	83,136	*	0	303,892	142,240	0	161
Smithsonian Institution	69,600	69,600	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. 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.