

TABLE 26

Federal obligations for basic research, 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	45,392,702	7,819,749	6,730,777	3,857,770	22,260,098	3,981,842	543,639	198,828
Departments								
Department of Agriculture	1,417,114	812,842	0	17,883	554,375	23,228	5,677	3,110
Agricultural Research Service	825,287	695,942	0	0	115,150	11,098	45	3,051
Animal and Plant Health Inspection Service	23,598	16,367	0	0	7,231	0	0	0
Forest Service	85,255	79,502	0	250	3,012	156	2,300	35
National Institute of Food and Agriculture	468,236	6,406	0	17,633	428,868	11,974	3,332	23
Natural Resources Conservation Service	14,738	14,624	0	0	114	0	0	0
Department of Commerce	273,297	236,945	0	1,991	32,162	1,840	0	359
National Institute of Standards and Technology	273,297	236,945	0	1,991	32,162	1,840	0	359
Department of Defense	3,149,547	649,651	157,923	523,176	1,531,224	237,639	16,004	33,930
Defense Advanced Research Projects Agency	440,129	15,558	23,809	140,932	201,279	48,150	0	10,403
Defense Health Agency	10,713	779	258	1,823	1,743	6,110	0	0
Department of the Air Force	969,884	250,648	0	20,277	528,832	159,847	10,279	0
Department of the Army	513,592	104,741	373	138,492	249,573	13,153	0	7,260
Department of the Navy	661,985	217,775	968	31,445	382,598	9,404	5,725	14,071
Space Force	70,945	6,238	5,696	54,563	4,446	0	0	0
Other defense agencies	482,300	53,911	126,820	135,644	162,753	975	0	2,197
Department of Education	31,589	0	0	427	26,666	3,960	537	0
Department of Energy	6,107,867	200,262	4,473,639	368,620	1,000,966	33,923	29,913	544
Electricity Delivery and Energy Reliability	7,920	181	5,700	918	543	554	25	0
National Nuclear Security Administration	121,426	1,868	101,178	3,380	15,000	0	0	0
Office of Defense Nuclear Nonproliferation	121,426	1,868	101,178	3,380	15,000	0	0	0
Office of Cybersecurity, Energy Security, and Emergency Response	5,126	0	2,202	0	2,924	0	0	0
Office of Science	5,973,395	198,213	4,364,560	364,322	982,499	33,369	29,888	544
Department of Health and Human Services	22,410,508	4,193,698	361,018	1,196,472	12,842,865	3,213,516	472,125	130,814
Centers for Disease Control and Prevention	89,675	34,922	0	1,905	37,609	4,061	9,896	1,281
Centers for Medicare and Medicaid Services	419,105	0	0	8,163	2,081	8,395	400,466	0
Health Resources and Services Administration	2,455	850	0	1,605	0	0	0	0
National Institutes of Health	21,899,274	4,157,926	361,018	1,184,799	12,803,175	3,201,060	61,763	129,534
Department of Homeland Security	69,204	5,572	15,320	36,589	11,665	58	0	0

TABLE 26

Federal obligations for basic research, by agency and performer: FY 2022

(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	
Countering Weapons of Mass Destruction Office	8,720	0	0	4,000	4,720	0	0	0
Science and Technology Directorate	60,235	5,322	15,320	32,589	6,946	58	0	0
Secret Service	250	250	0	0	0	0	0	0
Department of the Interior	93,945	86,720	0	417	5,570	312	925	0
Bureau of Land Management	2,004	677	0	125	990	131	81	0
Bureau of Safety and Environmental Enforcement	1,286	567	0	170	549	0	0	0
Geological Survey	90,655	85,476	0	122	4,031	181	844	0
Department of Justice	16,931	4,318	0	480	7,221	4,913	0	0
Office of Justice Programs	16,931	4,318	0	480	7,221	4,913	0	0
Department of State	7,000	7,000	0	0	0	0	0	0
Department of Transportation	2,117	997	445	675	0	0	0	0
Office of the Secretary of Transportation	21	21	0	0	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	2,096	976	445	675	0	0	0	0
Department of Veterans Affairs	665,094	665,094	0	0	0	0	0	0
Other agencies								
National Aeronautics and Space Administration	5,057,913	702,660	1,406,932	1,422,072	1,305,903	202,600	5,486	12,260
National Science Foundation	5,863,175	26,592	315,499	288,967	4,941,482	259,852	12,973	17,810
Smithsonian Institution	227,400	227,400	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. 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.