

TABLE 27

Preliminary federal obligations for basic research, by agency and performer: FY 2023

(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	
All agencies	48,467,014	8,377,974	7,904,213	4,560,136	22,750,751	4,114,384	555,443	204,113
Departments								
Department of Agriculture	1,602,692	955,545	0	20,674	595,848	22,392	5,904	2,329
Agricultural Research Service	929,000	831,944	0	0	86,363	8,371	34	2,289
Animal and Plant Health Inspection Service	26,244	18,697	0	0	7,547	0	0	0
Forest Service	88,125	81,792	0	200	4,000	120	2,000	13
National Institute of Food and Agriculture	543,648	7,437	0	20,474	497,938	13,901	3,871	27
Natural Resources Conservation Service	15,675	15,675	0	0	0	0	0	0
Department of Commerce	311,154	269,766	0	2,204	36,751	2,037	0	397
National Institute of Standards and Technology	311,154	269,766	0	2,204	36,751	2,037	0	397
Department of Defense	3,541,126	736,715	165,950	542,380	1,769,317	265,251	18,533	42,981
Defense Advanced Research Projects Agency	517,425	18,290	27,990	165,682	236,628	56,606	0	12,229
Defense Health Agency	13,518	1,975	*	2,558	2,022	6,963	0	0
Department of the Air Force	994,200	260,674	0	23,569	535,250	164,018	10,690	0
Department of the Army	620,430	126,530	451	167,301	301,489	15,890	0	8,770
Department of the Navy	879,264	270,742	1,326	43,077	524,119	12,882	7,843	19,276
Space Force	55,037	3,940	3,640	47,457	0	0	0	0
Other defense agencies	461,252	54,564	132,543	92,736	169,810	8,893	0	2,706
Department of Education	27,867	0	0	376	23,524	3,494	473	0
Department of Energy	6,523,381	116,176	5,926,213	82,380	351,191	16,563	30,859	0
Electricity Delivery and Energy Reliability	12,530	287	9,017	1,452	860	876	39	0
National Nuclear Security Administration	123,694	0	101,291	2,903	19,500	0	0	0
Office of Defense Nuclear Nonproliferation	123,694	0	101,291	2,903	19,500	0	0	0
Office of Cybersecurity, Energy Security, and Emergency Response	12,320	0	9,058	0	3,262	0	0	0
Office of Science	6,374,837	115,889	5,806,847	78,025	327,569	15,687	30,820	0
Department of Health and Human Services	23,787,817	4,452,351	383,696	1,269,386	13,645,237	3,413,807	484,339	139,001
Centers for Disease Control and Prevention	82,950	32,386	0	230	35,680	3,103	10,221	1,330
Centers for Medicare and Medicaid Services	427,487	0	0	8,326	2,123	8,563	408,475	0
Health Resources and Services Administration	2,455	850	0	1,605	0	0	0	0
National Institutes of Health	23,274,924	4,419,115	383,696	1,259,224	13,607,434	3,402,141	65,643	137,671
Department of Homeland Security	69,501	5,450	15,310	35,500	13,184	57	0	0

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Countering Weapons of Mass Destruction Office	9,251	0	0	3,000	6,251	0	0	0
Science and Technology Directorate	60,000	5,200	15,310	32,500	6,933	57	0	0
Secret Service	250	250	0	0	0	0	0	0
Department of the Interior	101,215	92,884	0	287	6,390	454	1,201	0
Bureau of Land Management	1,587	614	0	0	716	258	0	0
Bureau of Safety and Environmental Enforcement	1,000	441	0	132	427	0	0	0
Geological Survey	98,628	91,829	0	155	5,247	196	1,201	0
Department of Justice	15,615	1,741	0	527	7,943	5,404	0	0
Office of Justice Programs	15,615	1,741	0	527	7,943	5,404	0	0
Department of State	2,000	2,000	0	0	0	0	0	0
Department of Transportation	3,753	1,153	400	1,100	1,100	0	0	0
Office of the Secretary of Transportation	37	37	0	0	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	3,716	1,116	400	1,100	1,100	0	0	0
Department of Veterans Affairs	760,629	760,629	0	0	0	0	0	0
Other agencies								
National Aeronautics and Space Administration	5,089,938	712,591	1,068,887	2,290,472	916,189	101,799	0	0
National Science Foundation	6,388,325	28,973	343,758	314,849	5,384,078	283,127	14,134	19,405
Smithsonian Institution	242,000	242,000	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. 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.