

TABLE 50

## Federal obligations for basic research performed at higher education institutions, by agency and field of R&amp;D: FY 2022

(Dollars in thousands)

Agency	Total	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
All agencies	22,260,098	974,835	1,438,969	10,607,163	404,997	3,347,125	1,508,304	568,185	2,148,585	1,261,936
Departments										
Department of Agriculture	554,375	4,488	6,857	439,371	918	21,285	105	21,157	35,099	25,095
Agricultural Research Service	115,150	150	507	105,789	0	7,393	0	276	1,036	0
Animal and Plant Health Inspection Service	7,231	0	0	7,231	0	0	0	0	0	0
Forest Service	3,012	75	1,117	1,456	0	125	0	73	166	0
National Institute of Food and Agriculture	428,868	4,263	5,233	324,782	918	13,768	105	20,808	33,897	25,095
Natural Resources Conservation Service	114	0	0	114	0	0	0	0	0	0
Department of Commerce	32,162	1,527	1,000	45	174	22,123	0	0	7,293	0
National Institute of Standards and Technology	32,162	1,527	1,000	45	174	22,123	0	0	7,293	0
Department of Defense	1,531,224	192,084	94,815	136,801	33,029	128,380	22,788	20,039	564,044	339,246
Defense Advanced Research Projects Agency	201,279	102,951	4,085	56,594	1,040	17,816	2,399	0	16,394	0
Defense Health Agency	1,743	0	0	1,743	0	0	0	0	0	0
Department of the Air Force	528,832	7,999	0	2,515	1,685	12,124	110	648	388,390	115,361
Department of the Army	249,573	32,433	2,357	49,702	5,269	19,043	8,932	1,196	19,867	110,774
Department of the Navy	382,598	29,440	79,786	8,018	10,755	52,384	7,009	5,558	88,441	101,207
Space Force	4,446	0	0	0	0	0	0	0	4,446	0
Other defense agencies	162,753	19,260	8,587	18,228	14,280	27,013	4,338	12,638	46,506	11,903
Department of Education	26,666	0	0	0	0	0	0	0	0	26,666
Department of Energy	1,000,966	23,769	35,896	142,325	10,971	782,347	0	0	543	5,114
Electricity Delivery and Energy Reliability	543	0	0	0	0	0	0	0	543	0
National Nuclear Security Administration	15,000	0	0	0	0	10,000	0	0	0	5,000
Office of Defense Nuclear Nonproliferation	15,000	0	0	0	0	10,000	0	0	0	5,000

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(Dollars in thousands)

Agency	Total	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
Office of Cybersecurity, Energy Security, and Emergency Response	2,924	2,924	0	0	0	0	0	0	0	0
Office of Science	982,499	20,846	35,896	142,325	10,971	772,347	0	0	0	114
Department of Health and Human Services	12,842,865	0	185,455	9,147,798	101,649	339,595	1,453,394	354,432	873,381	387,161
Centers for Disease Control and Prevention	37,609	0	0	22,324	0	0	0	0	2,770	12,514
Centers for Medicare and Medicaid Services	2,081	0	0	2,081	0	0	0	0	0	0
National Institutes of Health	12,803,175	0	185,455	9,123,392	101,649	339,595	1,453,394	354,432	870,611	374,646
Department of Homeland Security	11,665	1,500	0	1,000	0	2,220	0	0	4,428	2,518
Countering Weapons of Mass Destruction Office	4,720	1,500	0	1,000	0	2,220	0	0	0	0
Science and Technology Directorate	6,946	0	0	0	0	0	0	0	4,428	2,518
Department of the Interior	5,570	0	4,031	990	0	549	0	0	0	0
Bureau of Land Management	990	0	0	990	0	0	0	0	0	0
Bureau of Safety and Environmental Enforcement	549	0	0	0	0	549	0	0	0	0
Geological Survey	4,031	0	4,031	0	0	0	0	0	0	0
Department of Justice	7,221	0	0	0	0	0	1,000	6,221	0	0
Office of Justice Programs	7,221	0	0	0	0	0	1,000	6,221	0	0
Other agencies										
National Aeronautics and Space Administration	1,305,903	0	320,580	9,432	0	972,383	0	0	2,228	1,280
National Science Foundation	4,941,482	751,467	790,334	729,401	258,256	1,078,244	31,018	166,336	661,569	474,856

**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.