

Table 50. Federal obligations for basic research performed at higher education institutions, by agency and field of R&D: FY 2024

(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	22,047,213	894,470	1,327,081	9,637,680	394,141	3,182,257	1,788,182	977,294	2,321,444	1,524,665
Departments										
Department of Agriculture	638,159	31,039	9,277	443,297	2,892	20,590	0	35,534	60,027	35,503
Agricultural Research Service	126,424	164	556	116,146	0	8,116	0	303	1,138	0
Animal and Plant Health Inspection Service	6,445	0	0	6,445	0	0	0	0	0	0
Forest Service	15,871	15	915	12,720	175	287	0	137	1,622	0
National Institute of Food and Agriculture	489,056	30,860	7,805	307,623	2,717	12,186	0	35,094	57,267	35,503
Natural Resources Conservation Service	363	0	0	363	0	0	0	0	0	0
Department of Commerce	60,703	59	0	454	0	13,994	0	0	46,196	0
National Institute of Standards and Technology	60,703	59	0	454	0	13,994	0	0	46,196	0
Department of Defense	1,003,752	99,040	89,215	74,910	25,216	88,938	7,612	14,685	519,677	84,459
Defense Advanced Research Projects Agency	125,010	31,066	0	42,700	4,448	19,390	1,190	0	25,008	1,208
Defense Health Agency	1,409	0	0	1,409	0	0	0	0	0	0
Department of the Air Force	367,247	1,233	0	345	14	1,988	1	164	362,070	1,432
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Department of the Navy	387,143	33,550	84,355	16,158	12,815	48,578	3,995	2,441	103,431	81,819
Other defense agencies	122,942	33,190	4,860	14,298	7,938	18,981	2,426	12,081	29,168	0
Department of Education	22,555	0	0	0	0	0	0	0	0	22,555
Department of Energy	1,202,030	41,197	49,069	188,090	22,816	895,186	0	0	173	5,498
Electricity Delivery and Energy Reliability	173	0	0	0	0	0	0	0	173	0
National Nuclear Security Administration	10,588	0	0	0	0	5,288	0	0	0	5,300
Office of Defense Nuclear Nonproliferation	10,588	0	0	0	0	5,288	0	0	0	5,300
Office of Science	1,191,268	41,197	49,069	188,090	22,816	889,898	0	0	0	198
Department of Health and Human Services	13,316,489	0	273,865	8,251,624	111,549	439,062	1,750,163	756,088	1,051,888	682,249
Centers for Disease Control and Prevention	45,617	0	0	41,790	0	0	0	0	3,827	0
Centers for Medicare and Medicaid Services	2,683	0	0	2,683	0	0	0	0	0	0
Health Resources and Services Administration	30,650	0	0	30,650	0	0	0	0	0	0
National Institutes of Health	13,237,539	0	273,865	8,176,501	111,549	439,062	1,750,163	756,088	1,048,061	682,249

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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
Department of Homeland Security	20,993	999	0	605	0	3,149	0	4,600	6,957	4,683
Countering Weapons of Mass Destruction Office	4,753	999	0	605	0	3,149	0	0	0	0
Science and Technology Directorate	16,240	0	0	0	0	0	0	4,600	6,957	4,683
Department of the Interior	957	0	0	918	0	39	0	0	0	0
Bureau of Land Management	918	0	0	918	0	0	0	0	0	0
Bureau of Safety and Environmental Enforcement	39	0	0	0	0	39	0	0	0	0
Department of Justice	8,761	0	0	969	0	0	0	7,792	0	0
Office of Justice Programs	8,761	0	0	969	0	0	0	7,792	0	0
Department of Transportation	22,504	0	0	0	0	0	0	0	22,504	0
National Highway Traffic Safety Administration	22,504	0	0	0	0	0	0	0	22,504	0
Other agencies										
Agency for International Development	1,355	0	0	0	0	0	0	0	0	1,355
National Aeronautics and Space Administration	1,042,737	0	284,080	5,650	0	743,499	0	0	1,396	8,112
National Science Foundation	4,706,218	722,136	621,575	671,162	231,668	977,799	30,408	158,594	612,626	680,250

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. For additional notes associated with the agencies listed in this table, see technical table A-2 at <https://nces.nsf.gov/surveys/federal-funds-research-development/2024-2025#technical-tables>.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2024–25.