

TABLE 52

Federal obligations for applied research performed at higher education institutions, by agency and field of R&D: FY 2023

(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	18,002,174	408,922	885,369	9,503,074	151,046	577,402	1,534,976	876,723	2,550,770	1,513,893
Departments										
Department of Agriculture	717,071	10,203	14,214	419,999	3,204	18,604	10,968	66,990	59,933	112,955
Agricultural Marketing Service	399	0	0	399	0	0	0	0	0	0
Agricultural Research Service	97,219	126	428	89,315	0	6,241	0	233	875	0
Economic Research Service	2,798	0	0	0	0	0	0	2,798	0	0
Forest Service	19,761	0	1,945	10,443	344	282	0	6,274	473	0
National Agricultural Statistics Service	152	152	0	0	0	0	0	0	0	0
National Institute of Food and Agriculture	596,727	9,925	11,841	319,827	2,860	12,080	10,968	57,685	58,586	112,955
Natural Resources Conservation Service	15	0	0	15	0	0	0	0	0	0
Department of Commerce	421,397	11,293	326,054	24,693	249	15,689	0	10,319	32,381	719
National Institute of Standards and Technology	45,837	8,806	3,155	7,822	0	328	0	0	25,727	0
National Oceanic and Atmospheric Administration	375,560	2,488	322,898	16,871	249	15,362	0	10,319	6,655	719
Department of Defense	1,210,695	182,509	184,420	213,554	6,475	64,399	21,973	65,446	450,154	21,764
Defense Advanced Research Projects Agency	324,645	132,375	9,586	109,562	0	10,947	10,211	0	41,571	10,393
Defense Health Agency	39,351	0	0	39,351	0	0	0	0	0	0
Department of the Air Force	110,258	1,466	0	0	70	21,903	0	0	86,258	561
Department of the Army	280,881	24,770	1,733	43,493	6,389	939	10,596	64,886	128,075	0
Department of the Navy	410,400	20,826	173,101	7,100	15	18,224	1,167	435	186,543	2,989
Other defense agencies	45,160	3,072	0	14,048	0	12,386	0	125	7,707	7,821
Department of Education	112,567	0	0	0	0	0	0	0	0	112,567
Department of Energy	503,856	1,850	15,479	3,084	0	49,443	0	0	434,001	0
Advanced Research Projects Agency—Energy	82,586	260	0	3,084	0	10,821	0	0	68,421	0
Electricity Delivery and Energy Reliability	4,179	0	0	0	0	0	0	0	4,179	0
Energy Efficiency and Renewable Energy	201,163	0	0	0	0	0	0	0	201,163	0
Fossil Energy	162,936	0	15,479	0	0	25,907	0	0	121,550	0
National Nuclear Security Administration	12,765	0	0	0	0	12,715	0	0	50	0
Defense Programs	12,215	0	0	0	0	12,215	0	0	0	0
Office of Defense Nuclear Nonproliferation	550	0	0	0	0	500	0	0	50	0
Nuclear Energy	38,637	0	0	0	0	0	0	0	38,637	0
Office of Cybersecurity, Energy Security, and Emergency Response	1,590	1,590	0	0	0	0	0	0	0	0
Department of Health and Human Services	13,391,367	18,212	232,243	8,787,819	137,523	261,810	1,498,393	697,154	1,148,682	609,531
Administration for Children and Families	1,820	0	0	0	0	0	0	1,820	0	0
Administration for Community Living	79,749	0	0	0	0	0	0	79,749	0	0
Advanced Research Projects Agency for Health	413,892	16,384	0	249,472	0	0	0	0	148,035	0
Agency for Healthcare Research and Quality	115,908	1,828	0	1,192	0	16,848	0	10,152	85,888	0

TABLE 52

Federal obligations for applied research performed at higher education institutions, by agency and field of R&D: FY 2023

(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
Agency for Toxic Substances and Disease Registry	10,832	0	10,832	0	0	0	0	0	0	0
Biomedical Advanced Research and Development Authority	117,358	0	0	117,358	0	0	0	0	0	0
Centers for Disease Control and Prevention	186,115	0	0	145,272	0	0	0	40,843	0	0
Food and Drug Administration	87,510	0	0	87,510	0	0	0	0	0	0
Health Resources and Services Administration	42,205	0	0	42,205	0	0	0	0	0	0
National Institutes of Health	12,335,899	0	221,411	8,144,810	137,523	244,963	1,498,393	564,510	914,758	609,531
Office of the Secretary of Health and Human Services	80	0	0	0	0	0	0	80	0	0
Office of the Assistant Secretary for Planning and Evaluation	80	0	0	0	0	0	0	80	0	0
Department of Homeland Security	13,283	8,411	0	227	0	0	0	0	4,426	219
Cybersecurity and Infrastructure Security Agency	423	423	0	0	0	0	0	0	0	0
Science and Technology Directorate	12,860	7,988	0	227	0	0	0	0	4,426	219
Department of the Interior	72,527	0	0	5,088	0	0	0	0	9,294	58,145
Bureau of Land Management	3,169	0	0	3,169	0	0	0	0	0	0
Bureau of Reclamation	6,559	0	0	168	0	0	0	0	6,391	0
Bureau of Safety and Environmental Enforcement	2,903	0	0	0	0	0	0	0	2,903	0
Geological Survey	57,888	0	0	0	0	0	0	0	0	57,888
National Park Service	2,008	0	0	1,751	0	0	0	0	0	257
Department of Justice	32,524	286	0	2,637	1,221	3,808	167	22,862	167	1,377
Federal Bureau of Investigation	1,377	0	0	0	0	0	0	0	0	1,377
Office of Justice Programs	31,147	286	0	2,637	1,221	3,808	167	22,862	167	0
Department of Transportation	154,586	2,050	3,890	8,112	1,214	0	3,444	0	135,876	0
Federal Aviation Administration	48,979	2,050	3,890	6,813	1,214	0	3,444	0	31,568	0
Federal Highway Administration	67,650	0	0	0	0	0	0	0	67,650	0
Federal Railroad Administration	5,822	0	0	0	0	0	0	0	5,822	0
Federal Transit Administration	1,661	0	0	1,300	0	0	0	0	361	0
National Highway Traffic Safety Administration	24,489	0	0	0	0	0	0	0	24,489	0
Pipeline and Hazardous Materials Safety Administration	5,985	0	0	0	0	0	0	0	5,985	0
Other agencies										
Agency for International Development	99,289	0	0	0	0	0	0	0	0	99,289
Appalachian Regional Commission	264	0	0	0	0	0	0	264	0	0
Environmental Protection Agency	68,096	942	28,343	26,496	523	1,642	0	397	9,753	0
National Aeronautics and Space Administration	339,440	0	68,785	0	0	143,419	0	0	102,919	24,317
National Science Foundation	852,857	173,165	11,940	11,365	637	18,588	31	1,651	162,470	473,011
Nuclear Regulatory Commission	715	0	0	0	0	0	0	0	715	0
Social Security Administration	11,641	0	0	0	0	0	0	11,641	0	0

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. 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 2023–24.