

TABLE 48

Federal obligations for research performed at higher education institutions, by agency and field of R&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	39,068,958	1,374,480	2,143,679	20,680,390	514,912	3,827,139	2,978,215	1,141,534	4,164,407	2,244,201
Departments										
Department of Agriculture	1,156,873	9,228	19,907	849,838	4,366	40,701	11,457	76,916	69,428	75,031
Agricultural Research Service	207,271	269	912	190,420	0	13,307	0	497	1,865	0
Animal and Plant Health Inspection Service	7,231	0	0	7,231	0	0	0	0	0	0
Economic Research Service	5,166	0	0	0	0	0	0	5,166	0	0
Forest Service	23,774	1,238	5,820	10,337	0	441	0	5,391	546	0
National Agricultural Statistics Service	54	54	0	0	0	0	0	0	0	0
National Institute of Food and Agriculture	912,622	7,668	13,174	641,096	4,366	26,953	11,457	65,861	67,017	75,031
Natural Resources Conservation Service	755	0	0	755	0	0	0	0	0	0
Department of Commerce	333,042	7,805	227,011	12,557	332	32,742	0	6,961	43,275	2,359
National Institute of Standards and Technology	72,283	6,232	3,247	160	174	23,028	0	374	39,067	0
National Oceanic and Atmospheric Administration	260,759	1,573	223,763	12,397	157	9,714	0	6,587	4,208	2,359
Department of Defense	2,478,391	394,262	240,149	303,373	36,411	152,619	37,034	20,234	906,745	387,566
Defense Advanced Research Projects Agency	511,653	263,464	15,995	138,984	1,040	21,785	10,563	0	59,282	540
Defense Health Agency	36,008	0	0	36,008	0	0	0	0	0	0
Department of the Air Force	586,149	8,389	0	2,643	1,687	12,361	110	648	444,822	115,489
Department of the Army	398,152	45,536	3,274	72,709	8,649	19,540	14,537	1,196	87,615	145,097
Department of the Navy	730,135	51,477	211,941	22,743	10,755	63,927	7,261	5,558	252,698	103,775
Space Force	4,446	0	0	0	0	0	0	0	4,446	0
Other defense agencies	211,848	25,395	8,939	30,287	14,280	35,006	4,562	12,833	57,881	22,665
Department of Education	148,400	0	0	0	0	0	0	0	0	148,400
Department of Energy	1,319,094	36,546	43,536	148,676	10,971	815,511	0	0	258,740	5,114
Advanced Research Projects Agency—Energy	73,287	3,507	0	6,351	0	10,606	0	0	52,823	0
Electricity Delivery and Energy Reliability	4,206	0	0	0	0	0	0	0	4,206	0
Energy Efficiency and Renewable Energy	88,000	0	0	0	0	0	0	0	88,000	0
Fossil Energy	80,418	0	7,640	0	0	12,786	0	0	59,992	0

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National Nuclear Security Administration	24,857	0	0	0	0	19,772	0	0	85	5,000
Defense Programs	9,807	0	0	0	0	9,772	0	0	35	0
Office of Defense Nuclear Nonproliferation	15,050	0	0	0	0	10,000	0	0	50	5,000
Nuclear Energy	53,634	0	0	0	0	0	0	0	53,634	0
Office of Cybersecurity, Energy Security, and Emergency Response	12,194	12,194	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	26,101,914	1,828	376,962	18,535,474	202,488	687,331	2,895,207	825,646	1,818,158	758,822
Administration for Children and Families	1,800	0	0	0	0	0	0	1,800	0	0
Administration for Community Living	77,027	0	0	0	0	0	0	77,027	0	0
Agency for Healthcare Research and Quality	103,809	1,828	0	1,192	0	10,848	0	10,152	79,789	0
Agency for Toxic Substances and Disease Registry	7,529	0	7,529	0	0	0	0	0	0	0
Biomedical Advanced Research and Development Authority	46,050	0	0	46,050	0	0	0	0	0	0
Centers for Disease Control and Prevention	246,564	0	0	199,786	0	0	0	30,180	4,084	12,514
Centers for Medicare and Medicaid Services	2,081	0	0	2,081	0	0	0	0	0	0
Food and Drug Administration	82,155	0	0	82,155	0	0	0	0	0	0
Health Resources and Services Administration	30,121	0	0	30,121	0	0	0	0	0	0
National Institutes of Health	25,504,332	0	369,433	18,174,088	202,488	676,483	2,895,207	706,040	1,734,285	746,308
Office of the Secretary of Health and Human Services	447	0	0	0	0	0	0	447	0	0
Office of the Assistant Secretary for Planning and Evaluation	447	0	0	0	0	0	0	447	0	0
Department of Homeland Security	18,274	1,900	0	1,000	0	4,270	0	0	8,526	2,578
Countering Weapons of Mass Destruction Office	4,720	1,500	0	1,000	0	2,220	0	0	0	0
Science and Technology Directorate	13,554	400	0	0	0	2,050	0	0	8,526	2,578

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Department of the Interior	52,182	282	31,664	10,533	0	1,509	0	6,278	1,514	404
Bureau of Land Management	5,337	0	0	5,337	0	0	0	0	0	0
Bureau of Ocean Energy Management	9,798	282	7,071	0	0	959	0	1,082	0	404
Bureau of Reclamation	1,128	0	0	0	0	0	0	0	1,128	0
Bureau of Safety and Environmental Enforcement	1,011	0	76	0	0	549	0	0	385	0
Geological Survey	24,517	0	24,517	0	0	0	0	0	0	0
National Park Service	10,391	0	0	5,196	0	0	0	5,196	0	0
Department of Justice	42,446	306	0	4,615	266	4,934	2,438	28,005	531	1,350
Federal Bureau of Investigation	1,350	0	0	0	0	0	0	0	0	1,350
Office of Justice Programs	41,096	306	0	4,615	266	4,934	2,438	28,005	531	0
Department of Transportation	116,220	1,028	63	5,439	779	0	1,053	4,930	101,477	1,452
Federal Aviation Administration	67,047	1,028	63	102	779	0	1,053	0	63,071	952
Federal Highway Administration	11,141	0	0	0	0	0	0	0	11,141	0
Federal Railroad Administration	6,526	0	0	0	0	0	0	0	6,526	0
Federal Transit Administration	1,875	0	0	0	0	0	0	0	1,375	500
National Highway Traffic Safety Administration	24,237	0	0	5,337	0	0	0	4,930	13,970	0
Pipeline and Hazardous Materials Safety Administration	5,394	0	0	0	0	0	0	0	5,394	0
Other agencies										
Agency for International Development	32,549	0	0	31,599	0	0	0	0	0	950
Appalachian Regional Commission	162	0	0	0	0	0	0	162	0	0
Environmental Protection Agency	46,217	633	19,049	18,258	351	1,104	0	267	6,555	0
National Aeronautics and Space Administration	1,514,032	0	381,111	24,138	0	989,695	0	0	117,798	1,291
National Science Foundation	5,689,744	920,662	804,229	734,889	258,949	1,096,725	31,027	168,310	816,069	858,884
Nuclear Regulatory Commission	15,592	0	0	0	0	0	0	0	15,592	0
Social Security Administration	3,825	0	0	0	0	0	0	3,825	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. 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.