

TABLE 54

## Federal obligations for experimental development performed at higher education institutions, by agency and field of R&amp;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	3,238,460	85,845	151,829	977,638	6,481	336,958	6,888	7,905	1,180,458	484,458
Departments										
Department of Agriculture	35,726	124	0	11,298	0	0	0	0	0	24,305
Agricultural Marketing Service	399	0	0	399	0	0	0	0	0	0
Agricultural Research Service	24,305	0	0	0	0	0	0	0	0	24,305
Animal and Plant Health Inspection Service	10,899	0	0	10,899	0	0	0	0	0	0
National Agricultural Statistics Service	124	124	0	0	0	0	0	0	0	0
Department of Commerce	129,205	418	97,609	3,188	418	2,464	0	5,591	18,931	585
National Institute of Standards and Technology	14,058	0	0	0	0	58	0	0	14,000	0
National Oceanic and Atmospheric Administration	111,157	418	97,609	3,188	418	2,406	0	5,591	942	585
National Telecommunications and Information Administration	3,990	0	0	0	0	0	0	0	3,990	0
Department of Defense	2,412,862	77,226	34,462	951,839	6,062	207,892	6,888	1,552	747,181	379,760
Defense Advanced Research Projects Agency	87,463	438	0	0	0	445	0	0	44,417	42,163
Defense Health Agency	881,260	0	0	881,260	0	0	0	0	0	0
Department of the Air Force	230,647	0	0	0	1,999	11,241	0	0	140,172	77,235
Department of the Army	192,451	25,010	1,818	38,326	4,063	14,684	6,888	922	15,320	85,420
Department of the Navy	541,563	8,148	23,484	8,062	0	158,853	0	0	199,150	143,865
Space Force	51,950	0	900	0	0	0	0	0	44,654	6,396
Other defense agencies	427,527	43,629	8,260	24,191	0	22,669	0	630	303,467	24,681
Department of Education	41,958	0	0	0	0	0	0	0	0	41,958
Department of Energy	379,634	1,130	0	3,084	0	10,821	0	0	364,599	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	5,892	0	0	0	0	0	0	0	5,892	0
Energy Efficiency and Renewable Energy	277,680	0	0	0	0	0	0	0	277,680	0
Nuclear Energy	12,607	0	0	0	0	0	0	0	12,607	0
Office of Cybersecurity, Energy Security, and Emergency Response	870	870	0	0	0	0	0	0	0	0
Department of Health and Human Services	3,835	0	0	3,835	0	0	0	0	0	0
Centers for Disease Control and Prevention	3,835	0	0	3,835	0	0	0	0	0	0
Department of Homeland Security	38,272	6,947	4,383	0	0	2,138	0	0	22,141	2,664
Science and Technology Directorate	38,272	6,947	4,383	0	0	2,138	0	0	22,141	2,664
Department of the Interior	6,441	0	0	64	0	575	0	0	2,336	3,467
Bureau of Land Management	64	0	0	64	0	0	0	0	0	0
Bureau of Reclamation	1,435	0	0	0	0	0	0	0	1,435	0
Bureau of Safety and Environmental Enforcement	1,476	0	0	0	0	575	0	0	901	0
Geological Survey	3,467	0	0	0	0	0	0	0	0	3,467
Department of Justice	5,983	0	0	3,550	0	1,670	0	763	0	0

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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 Justice Programs	5,983	0	0	3,550	0	1,670	0	763	0	0
Department of Transportation	13,227	0	0	488	0	0	0	0	602	12,138
Federal Aviation Administration	12,138	0	0	0	0	0	0	0	0	12,138
Federal Railroad Administration	506	0	0	0	0	0	0	0	506	0
Federal Transit Administration	583	0	0	488	0	0	0	0	96	0
Other agencies										
Agency for International Development	18,135	0	0	0	0	0	0	0	0	18,135
National Aeronautics and Space Administration	153,180	0	15,374	293	0	111,397	0	0	24,668	1,447

**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.