

TABLE 54

Federal obligations for experimental development performed at higher education institutions, by agency and field of R&D: FY 2021

(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	2,739,770	58,620	77,330	884,162	5,440	208,214	475	6,229	1,116,901	382,398
Departments										
Department of Agriculture	28,830	182	0	9,642	0	0	0	0	0	19,006
Agricultural Marketing Service	2,509	0	0	2,509	0	0	0	0	0	0
Agricultural Research Service	19,006	0	0	0	0	0	0	0	0	19,006
Animal and Plant Health Inspection Service	6,233	0	0	6,233	0	0	0	0	0	0
National Agricultural Statistics Service	182	182	0	0	0	0	0	0	0	0
Natural Resources Conservation Service	900	0	0	900	0	0	0	0	0	0
Department of Commerce	144,134	175	46,253	84,336	88	1,139	0	2,639	9,310	195
National Institute of Standards and Technology	91,900	0	0	83,000	0	0	0	0	8,900	0
National Oceanic and Atmospheric Administration	52,234	175	46,253	1,336	88	1,139	0	2,639	410	195
Department of Defense	2,003,619	43,045	17,943	750,490	5,353	72,166	472	2,033	911,521	200,596
Defense Advanced Research Projects Agency	62,804	2,100	0	0	0	1,693	0	0	32,528	26,483
Defense Health Agency	720,054	0	0	720,054	0	0	0	0	0	0
Department of the Air Force	146,439	722	0	0	0	3,723	0	0	117,454	24,540
Department of the Army	121,795	1,583	487	10,474	5,237	7,186	0	1,218	6,333	89,276
Department of the Navy	442,748	9,785	12,235	9,584	115	42,349	472	0	351,073	17,134
Space Force	31,943	0	0	0	0	0	0	0	31,943	0
Other defense agencies	477,836	28,855	5,221	10,377	0	17,215	0	815	372,189	43,164
Department of Education	42,146	0	0	0	0	0	0	0	0	42,146
Department of Energy	207,867	7,615	4,476	16,360	0	175	0	0	179,240	0
Advanced Research Projects Agency—Energy	53,383	7,615	1,126	16,360	0	0	0	0	28,281	0

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Geological Survey	7,207	0	7,207	0	0	0	0	0	0	0
National Park Service	447	0	0	224	0	0	0	224	0	0
Department of Justice	2,985	485	0	0	0	1,167	0	1,333	0	0
Office of Justice Programs	2,985	485	0	0	0	1,167	0	1,333	0	0
Department of Transportation	5,388	0	*	0	0	200	*	0	1,816	3,365
Federal Aviation Administration	3,365	0	0	0	0	0	0	0	0	3,365
Federal Motor Carrier Safety Administration	200	0	0	0	0	200	0	0	0	0
Federal Railroad Administration	1,070	0	*	0	0	0	*	0	1,064	0
Federal Transit Administration	752	0	0	0	0	0	0	0	752	0
Other agencies										
Agency for International Development	12,075	0	0	10,075	0	0	0	0	0	2,000
National Aeronautics and Space Administration	246,965	0	1,387	0	0	132,853	0	0	2,413	110,313
Nuclear Regulatory Commission	3,418	0	0	0	0	0	0	0	3,418	0

* = amount greater than \$0 but less than \$50,000.

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 2021 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. As of volume 71 (FYs 2021–22), the fields of R&D (formerly, "fields of science and engineering") were revised for consistency with other National Center for Science and Engineering Statistics surveys; some fields were added, merged, or split, and some fields were renamed. Therefore, the data are not directly comparable with totals reported in previous years. See technical table A-3 for additional notes associated with the taxonomy changes to the fields listed in this table.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2021–22.