

Table 8. Federal obligations for science and engineering to universities and colleges, by agency and type of activity: FY 2024

(Dollars in thousands)

Agency	All federal obligations	R&D				R&D plant	Facilities and equipment for instruction in S&E	S&E fellowships, traineeships, and training grants	Other general support for S&E
		Total	Research	Advanced technology development	Major systems development				
All agencies	46,854,308	43,907,552	2,267,621	1,831,861	1,029,943	433,587	6,678	2,114,719	391,772
Department of Agriculture	1,347,627	1,322,477	na	na	na	0	0	25,150	0
Department of Commerce	807,539	562,610	na	na	na	0	0	55,509	189,420
Department of Defense ^a	5,130,616	5,129,425	2,267,621	1,831,861	1,029,943	0	678	0	513
Department of the Air Force	1,036,688	1,035,497	611,860	160,220	263,416	0	678	0	513
Department of the Army	362,682	362,682	214,048	100,456	48,178	0	0	0	0
Department of the Navy	1,317,052	1,317,052	788,724	149,633	378,695	0	0	0	0
Other Department of Defense	2,414,195	2,414,195	652,989	1,421,552	339,654	0	0	0	0
Department of Education	245,396	245,396	na	na	na	0	0	0	0
Department of Energy	2,137,283	2,137,257	na	na	na	26	0	0	0
Department of Health and Human Services	27,874,081	26,282,998	na	na	na	79,100	0	1,399,690	112,294
Administration for Children and Families	1,600	1,600	na	na	na	0	0	0	0
Administration for Community Living	76,469	76,469	na	na	na	0	0	0	0
Advanced Research Projects Agency for Health	552,006	552,006	na	na	na	0	0	0	0
Agency for Healthcare Research and Quality	116,637	116,637	na	na	na	0	0	0	0
Agency for Toxic Substances and Disease Registry	1,518	1,518	na	na	na	0	0	0	0
Biomedical Advanced Research and Development Authority	56,195	56,195	na	na	na	0	0	0	0
Centers for Disease Control and Prevention	200,701	200,701	na	na	na	0	0	0	0
Centers for Medicare and Medicaid Services	2,683	2,683	na	na	na	0	0	0	0
Food and Drug Administration	90,790	90,790	na	na	na	0	0	0	0
Health Resources and Services Administration	712,988	73,505	na	na	na	0	0	639,483	0
National Institutes of Health	26,062,411	25,110,810	na	na	na	79,100	0	760,207	112,294
Office of the Assistant Secretary for Planning and Evaluation	82	82	na	na	na	0	0	0	0
Department of Homeland Security	77,329	77,329	na	na	na	0	0	0	0
Coast Guard	58	58	na	na	na	0	0	0	0
Countering Weapons of Mass Destruction Office	8,167	8,167	na	na	na	0	0	0	0
Science and Technology Directorate	69,104	69,104	na	na	na	0	0	0	0
Department of the Interior	75,381	75,381	na	na	na	0	0	0	0
Department of Justice	49,414	49,414	na	na	na	0	0	0	0
Department of Transportation	206,050	194,017	na	na	na	490	6,000	4,512	1,031
Other agencies									
Agency for International Development	94,874	94,874	na	na	na	0	0	0	0
Appalachian Regional Commission	325	325	na	na	na	0	0	0	0
Environmental Protection Agency	48,450	48,450	na	na	na	0	0	0	0
National Aeronautics and Space Administration	1,804,934	1,804,934	na	na	na	0	0	0	0
National Science Foundation	6,918,179	5,845,835	na	na	na	353,971	0	629,859	88,514
Nuclear Regulatory Commission	22,882	22,882	na	na	na	0	0	0	0

Table 8. Federal obligations for science and engineering to universities and colleges, by agency and type of activity: FY 2024

(Dollars in thousands)

Agency	All federal obligations	R&D				R&D plant	Facilities and equipment for instruction in S&E	S&E fellowships, traineeships, and training grants	Other general support for S&E
		Total	Research	Advanced technology development	Major systems development				
Social Security Administration	13,949	13,949	na	na	na	0	0	0	0

na = not applicable; data were not collected at this level of detail for this agency or subagency.

S&E = science and engineering.

^a The Department of Defense (DOD) states that more than 90% of its development obligations reported for universities and colleges are performed at university-administered laboratories that are separate from academic departments. Furthermore, DOD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DOD total development obligations are therefore not comparable with development obligations at other federal agencies. Refer to table 14 for DOD obligations to individual institutions, by R&D breakdown.

Note(s):

Detail may not add to total because of rounding.

Source(s):

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