TABLE 8

Federal obligations for science and engineering to universities and colleges, by agency and type of activity: FY 2022

(Dollars in thousands)

Agency	All federal obligations	R&D[a]				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	44,628,417	41,303,924	2,458,641	1,287,520	753,806	512,849	17,885	1,942,928	850,831
Department of Agriculture	1,905,757	1,184,208	na	na	na	0	0	139,826	581,724
Department of Commerce	513,921	417,646	na	na	na	0	0	33,430	62,846
Department of Defense	4,528,476	4,499,967	2,458,641	1,287,520	753,806	0	11,885	853	15,771
Department of the Air Force	759,525	731,016	584,810	30,046	116,160	0	11,885	853	15,771
Department of the Army	586,806	586,806	398,152	103,332	85,322	0	0	0	0
Department of the Navy	1,189,586	1,189,586	730,135	100,771	358,680	0	0	0	0
Other Department of Defense	1,992,558	1,992,558	745,544	1,053,371	193,644	0	0	0	0
Department of Education	195,882	191,852	na	na	na	0	0	0	4,030
Department of Energy	1,477,289	1,476,523	na	na	na	66	0	0	700
Department of Health and Human Services	26,694,087	25,303,729	na	na	na	157,980	0	1,136,253	96,124
Administration for Children and Families	1,800	1,800	na	na	na	0	0	0	0
Administration for Community Living	77,027	77,027	na	na	na	0	0	0	0
Agency for Healthcare Research and Quality	96,014	96,014	na	na	na	0	0	0	0
Agency for Toxic Substances and Disease Registry	7,529	7,529	na	na	na	0	0	0	0
Biomedical Advanced Research and Development Authority	46,150	46,150	na	na	na	0	0	0	0
Centers for Disease Control and Prevention	248,510	248,510	na	na	na	0	0	0	0
Centers for Medicare and Medicaid Services	2,081	2,081	na	na	na	0	0	0	0
Food and Drug Administration	82,155	82,155	na	na	na	0	0	0	0
Health Resources and Services Administration	432,303	27,240	na	na	na	0	0	405,063	0

TABLE 8

Federal obligations for science and engineering to universities and colleges, by agency and type of activity: FY 2022

(Dollars in thousands)

Agency	All federal obligations	R&D[a]				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				
National Institutes of Health	25,700,070	24,714,775	na	na	na	157,980	0	731,190	96,124
Office of the Assistant Secretary for Planning and Evaluation	447	447	na	na	na	0	0	0	0
Department of Homeland Security	19,995	19,995	na	na	na	0	0	0	0
Science and Technology Directorate	19,995	19,995	na	na	na	0	0	0	0
Department of the Interior	60,960	60,960	na	na	na	0	0	0	0
Department of Justice	21,103	21,103	na	na	na	0	0	0	0
Department of Transportation	126,355	116,819	na	na	na	831	6,000	1,582	1,123
Other agencies									
Agency for International Development	53,831	53,831	na	na	na	0	0	0	0
Appalachian Regional Commission	162	162	na	na	na	0	0	0	0
Environmental Protection Agency	33,058	33,058	na	na	na	0	0	0	0
National Aeronautics and Space Administration	2,057,512	2,057,512	na	na	na	0	0	0	0
National Science Foundation	6,920,665	5,847,197	na	na	na	353,971	0	630,984	88,514
Nuclear Regulatory Commission	15,537	15,537	na	na	na	0	0	0	0
Social Security Administration	3,825	3,825	na	na	na	0	0	0	0

na = not applicable; data were not collected at this level of detail.

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 2022 module of the FYs 2022–23 Survey of Federal Funds for Research and Development.