

TABLE 8. Federal obligations for science and engineering to universities and colleges, by agency and type of activity: FY 2007

(Dollars in thousands)

Agency	All federal obligations	Research and development				R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
		Total	Research <sup>a</sup>	Advanced technology development <sup>a</sup>	Major systems development <sup>a</sup>					
All agencies	28,181,929	24,997,977	na	na	na	279,065	13,262	1,101,018	221,735	1,568,872
Department of Agriculture	1,252,672	732,196	na	na	na	0	1,458	42,420	0	476,598
Department of Commerce	339,942	211,348	na	na	na	45,976	117	9,100	29,191	44,210
Department of Defense	2,819,562	2,644,578	1,949,032	338,950	356,596	30	9,616	3,132	887	161,319
Department of the Air Force	511,140	465,880	406,014	15,368	44,498	0	9,616	100	0	35,544
Department of the Army	989,079	943,870	846,259	57,415	40,196	30	0	3,032	0	42,147
Department of the Navy	1,100,960	1,018,464	547,016	202,457	268,991	0	0	0	4	82,492
Other Department of Defense	218,383	216,364	149,743	63,710	2,911	0	0	0	883	1,136
Department of Education	268,917	126,327	na	na	na	0	0	92,555	0	50,035
Department of Energy	814,271	812,131	na	na	na	2,140	0	0	0	0
Department of Health and Human Services	17,527,222	16,259,892	na	na	na	23,920	0	811,651	165,988	265,771
Administration for Children and Families	9,275	9,275	na	na	na	0	0	0	0	0
Agency for Healthcare Research and Quality	71,803	71,739	na	na	na	0	0	64	0	0
Agency for Toxic Substances and Disease Registry	2,197	1,148	na	na	na	0	0	0	0	1,049
Centers for Disease Control and Prevention	513,262	227,146	na	na	na	0	0	26,133	0	259,983
Centers for Medicare & Medicaid Services	8,147	8,147	na	na	na	0	0	0	0	0
Food and Drug Administration	16,017	9,017	na	na	na	0	0	0	7,000	0
Health Resources and Services Administration	246,590	138,004	na	na	na	0	0	108,586	0	0
Indian Health Service	1,774	0	na	na	na	0	0	1,774	0	0
National Institutes of Health	16,646,582	15,783,841	na	na	na	23,920	0	675,094	158,988	4,739
Office of the Assistant Secretary, Planning and Evaluation	3,441	3,441	na	na	na	0	0	0	0	0
Substance Abuse and Mental Health Services Administration	8,134	8,134	na	na	na	0	0	0	0	0
Department of Homeland Security	33,227	29,668	na	na	na	3,559	0	0	0	0
Directorate for Science and Technology	32,582	29,593	na	na	na	2,989	0	0	0	0
U.S. Coast Guard	645	75	na	na	na	570	0	0	0	0
Department of Housing and Urban Development	399	399	na	na	na	0	0	0	0	0
Department of the Interior	89,027	86,074	na	na	na	1,274	10	0	1,441	228

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		Total	Research <sup>a</sup>	Advanced technology development <sup>a</sup>	Major systems development <sup>a</sup>	R&D plant				
Department of Labor	31,332	31,312	na	na	na	0	0	0	0	20
Department of Transportation	105,757	96,010	na	na	na	1,112	2,061	4,780	13	1,781
Other agencies										
Agency for International Development	29,883	29,883	na	na	na	0	0	0	0	0
Appalachian Regional Commission	204	204	na	na	na	0	0	0	0	0
Environmental Protection Agency	91,138	85,409	na	na	na	0	0	5,729	0	0
National Aeronautics and Space Administration	552,963	552,963	na	na	na	0	0	0	0	0
National Science Foundation	4,209,787	3,286,003	na	na	na	200,925	0	130,992	22,957	568,910
Nuclear Regulatory Commission	3,115	3,115	na	na	na	0	0	0	0	0
Office of Justice Programs	6,462	6,333	na	na	na	129	0	0	0	0
Social Security Administration	6,049	4,132	na	na	na	0	0	659	1,258	0

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

S&E = science and engineering.

<sup>a</sup> Department of Defense (DOD) research is reported separately from DOD development. 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: After the close of the FY 2007 survey cycle, the Department of Defense (DOD) discovered a programming error that was made during the FY 2005 survey cycle and caused each advanced technology development dollar to be reported twice, as advanced technology development and also as major systems development. This table contains any necessary corrections to DOD data and the most up-to-date data for all agencies.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, FY 2007.