

TABLE 8. Federal obligations for science and engineering to universities and colleges, by agency and type of activity: FY 2005

(Dollars in thousands)

Agency	All federal obligations	Research and development					Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
		Total	Research ^a	Advanced technology development ^a	Major systems development ^a	R&D plant ^b				
All agencies	28,041,903	24,683,582	na	na	na	421,772	39,987	1,045,486	388,914	1,462,162
Department of Agriculture	1,229,297	722,988	na	na	na	0	800	42,529	1,026	461,954
Department of Commerce	402,735	222,526	na	na	na	46,478	0	12,426	33,007	88,298
Department of Defense	2,395,496	2,162,480	1,596,320	254,285	311,875	177	8,558	6,217	1,176	216,888
Department of the Air Force	271,348	233,824	168,052	31,331	34,441	139	8,558	237	889	27,701
Department of the Army	962,053	911,051	781,034	76,888	53,129	38	0	5,017	0	45,947
Department of the Navy	1,006,152	865,690	541,175	102,309	222,206	0	0	963	0	139,499
Other Department of Defense	155,943	151,915	106,059	43,757	2,099	0	0	0	287	3,741
Department of Education	306,575	153,603	na	na	na	0	0	70,121	0	82,851
Department of Energy	939,608	935,529	na	na	na	4,079	0	0	0	0
Department of Health and Human Services	17,215,932	15,835,881	na	na	na	187,798	0	858,069	289,214	44,970
Administration for Children and Families	22,517	22,517	na	na	na	0	0	0	0	0
Agency for Healthcare Research and Quality	60,771	60,643	na	na	na	0	0	0	0	128
Agency for Toxic Substances and Disease Registry	4,639	3,004	na	na	na	0	0	0	1,635	0
Centers for Disease Control and Prevention	270,654	128,941	na	na	na	0	0	19,804	118,300	3,609
Centers for Medicare & Medicaid Services	5,387	5,387	na	na	na	0	0	0	0	0
Food and Drug Administration	15,226	11,443	na	na	na	0	0	0	3,783	0
Health Resources and Services Administration	210,902	48,894	na	na	na	0	0	162,008	0	0
Indian Health Service	3,480	0	na	na	na	0	0	3,480	0	0
National Institutes of Health	16,604,683	15,537,467	na	na	na	187,798	0	672,689	165,496	41,233
Office of the Assistant Secretary, Planning and Evaluation	5,572	5,572	na	na	na	0	0	0	0	0
Substance Abuse and Mental Health Services Administration	12,101	12,013	na	na	na	0	0	88	0	0
Department of Homeland Security	40,382	37,339	na	na	na	3,043	0	0	0	0
Directorate for Science and Technology	37,364	34,672	na	na	na	2,692	0	0	0	0
Transportation Security Administration	2,561	2,561	na	na	na	0	0	0	0	0
U.S. Coast Guard	457	106	na	na	na	351	0	0	0	0
Department of Housing and Urban Development	1,081	1,081	na	na	na	0	0	0	0	0
Department of the Interior	71,007	69,328	na	na	na	27	295	0	1,160	197

TABLE 8. Federal obligations for science and engineering to universities and colleges, by agency and type of activity: FY 2005

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Agency	All federal obligations	Research and development					Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
		Total	Research ^a	Advanced technology development ^a	Major systems development ^a	R&D plant ^b				
Department of Labor	35,534	35,348	na	na	na	0	0	186	0	0
Department of Transportation	140,181	72,224	na	na	na	688	21,675	2,903	42,691	0
Other agencies										
Agency for International Development	27,442	13,359	na	na	na	0	0	0	13,864	219
Appalachian Regional Commission	199	199	na	na	na	0	0	0	0	0
Environmental Protection Agency	157,549	144,965	na	na	na	0	0	12,584	0	0
National Aeronautics and Space Administration	1,090,624	1,087,421	na	na	na	3,203	0	0	0	0
National Science Foundation	3,949,761	3,151,972	na	na	na	176,279	8,659	40,306	6,776	565,769
Nuclear Regulatory Commission	3,745	3,745	na	na	na	0	0	0	0	0
Office of Justice Programs	27,019	26,874	na	na	na	0	0	145	0	0
Social Security Administration	7,736	6,720	na	na	na	0	0	0	0	1,016

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

S&E = science and engineering.

^a 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.

^b See Technical Notes, "Changes in Reporting."

NOTES: 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 2005.