

TABLE 8. Federal obligations for science and engineering to universities and colleges, by agency and type of activity: FY 2008

(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 ^a	Advanced technology development ^a	Major systems development ^a					
All agencies	28,424,681	25,481,946	na	na	na	274,807	3,694	862,301	299,684	1,502,249
Department of Agriculture	1,251,225	715,924	na	na	na	10	908	49,984	0	484,399
Department of Commerce	325,895	158,703	na	na	na	47,698	0	8,502	5,269	105,723
Department of Defense	2,823,434	2,512,499	1,742,785	296,247	473,467	750	464	5,323	149,432	154,966
Department of the Air Force	504,169	460,965	398,346	15,044	47,575	0	464	0	0	42,740
Department of the Army	937,394	748,585	643,225	62,866	42,494	750	0	5,201	147,305	35,553
Department of the Navy	1,125,906	1,049,719	514,879	153,435	381,405	0	0	0	433	75,754
Other Department of Defense	255,965	253,230	186,335	64,902	1,993	0	0	122	1,694	919
Department of Education	253,393	89,152	na	na	na	0	0	54,831	0	109,410
Department of Energy	1,089,363	1,083,846	na	na	na	5,517	0	0	0	0
Department of Health and Human Services	17,180,017	16,329,382	na	na	na	41,597	0	683,128	116,374	9,536
Administration for Children and Families	9,787	9,787	na	na	na	0	0	0	0	0
Agency for Healthcare Research and Quality	79,531	78,726	na	na	na	0	0	805	0	0
Agency for Toxic Substances and Disease Registry	1,398	848	na	na	na	0	0	0	0	550
Centers for Disease Control and Prevention	269,738	263,597	na	na	na	0	0	545	0	5,596
Centers for Medicare & Medicaid Services	3,230	3,230	na	na	na	0	0	0	0	0
Food and Drug Administration	20,342	13,953	na	na	na	0	0	0	6,389	0
Health Resources and Services Administration	42,863	6,600	na	na	na	36,263	0	0	0	0
Indian Health Service	1,766	0	na	na	na	0	0	1,766	0	0
National Institutes of Health	16,748,277	15,949,556	na	na	na	5,334	0	680,012	109,985	3,390
Office of the Assistant Secretary, Planning and Evaluation	3,085	3,085	na	na	na	0	0	0	0	0
Department of Homeland Security	86,843	85,185	na	na	na	1,658	0	0	0	0
Directorate for Science and Technology	86,369	85,185	na	na	na	1,184	0	0	0	0
U.S. Coast Guard	474	0	na	na	na	474	0	0	0	0
Department of Housing and Urban Development	401	401	na	na	na	0	0	0	0	0
Department of the Interior	97,806	97,605	na	na	na	0	0	0	40	161
Department of Labor	528	528	na	na	na	0	0	0	0	0

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		Total	Research ^a	Advanced technology development ^a	Major systems development ^a					
Department of Transportation	127,003	115,644	na	na	na	2,187	2,322	6,831	0	19
Other agencies										
Agency for International Development	25,740	25,740	na	na	na	0	0	0	0	0
Appalachian Regional Commission	174	174	na	na	na	0	0	0	0	0
Environmental Protection Agency	75,555	70,461	na	na	na	0	0	5,094	0	0
National Aeronautics and Space Administration	673,321	673,321	na	na	na	0	0	0	0	0
National Science Foundation	4,404,398	3,515,554	na	na	na	175,390	0	47,936	27,483	638,035
Nuclear Regulatory Commission	2,199	2,199	na	na	na	0	0	0	0	0
Office of Justice Programs	3,616	3,616	na	na	na	0	0	0	0	0
Social Security Administration	3,770	2,012	na	na	na	0	0	672	1,086	0

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

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.

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 2008.