

TABLE 71. Federal obligations for basic research performed at universities and colleges in engineering, by selected agency and detailed field: FY 2008

(Dollars in thousands)

Agency	Total	Aeronautical engineering	Astronautical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgy and materials engineering	Engineering, nec
All agencies	1,215,160	17,539	1,131	101,608	103,984	141,300	37,990	234,473	577,135
Departments									
Department of Agriculture	9,199	0	0	197	61	35	44	0	8,862
Agricultural Research Service	394	0	0	197	61	35	44	0	57
Forest Service	150	0	0	0	0	0	0	0	150
National Institute of Food and Agriculture	8,655	0	0	0	0	0	0	0	8,655
Department of Defense	350,859	13,367	184	2,887	579	79,451	32,987	55,146	166,258
Defense agencies and activities	75,295	1,383	184	587	230	22,719	3,312	7,311	39,569
Chemical and Biological Defense	635	0	0	0	0	635	0	0	0
Defense Advanced Research Projects Agency	56,165	0	0	0	0	11,650	0	6,170	38,345
Office of the Secretary of Defense	18,495	1,383	184	587	230	10,434	3,312	1,141	1,224
Department of the Air Force	107,382	1,520	0	0	0	0	0	480	105,382
Department of the Army	81,262	8,189	0	2,300	349	26,860	14,518	28,197	849
Department of the Navy	86,920	2,275	0	0	0	29,872	15,157	19,158	20,458
Department of Energy	24,212	0	0	0	0	0	0	24,212	0
National Nuclear Security Administration	281	0	0	0	0	0	0	281	0
Nonproliferation and Verification	281	0	0	0	0	0	0	281	0
Office of Science	23,931	0	0	0	0	0	0	23,931	0
Department of Health and Human Services	335,078	0	0	0	0	0	0	18,961	316,117
National Institutes of Health	335,078	0	0	0	0	0	0	18,961	316,117
Department of Homeland Security	15,265	213	0	177	988	132	213	265	13,277
Science and Technology Directorate	15,265	213	0	177	988	132	213	265	13,277
Other agencies									
National Aeronautics and Space Administration	6,249	3,959	947	44	4	191	134	221	749
National Science Foundation	474,298	0	0	98,303	102,352	61,491	4,612	135,668	71,872

nec = not elsewhere classified.

NOTES: Seven agencies are required to report data for this section of survey: Departments of Agriculture, Defense, Energy, Health and Human Services, and Homeland Security; National Aeronautics and Space Administration; and National Science Foundation. Basic research obligations of these seven agencies represented approximately 98% of total federal basic research obligations to universities and colleges in FY 2008. Only those agencies and subdivisions that had obligations in variables represented by this table appear in table. See appendix C for additional notes associated with agencies listed in this table.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development: FY 2008–10.