

TABLE 37. Federal obligations for basic research in engineering, by agency and detailed field: FY 2009
(Dollars in thousands)

Agency	Total	Aeronautical engineering	Astronautical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgy	Engineering, nec
								and materials engineering	
All agencies	3,408,752	185,717	35,324	167,644	185,523	297,681	84,316	1,112,864	1,339,684
Departments									
Department of Agriculture	18,599	0	0	2,611	799	456	571	0	14,162
Agricultural Research Service	5,136	0	0	2,568	799	456	571	0	742
Forest Service	5,691	0	0	43	0	0	0	0	5,648
National Institute of Food and Agriculture	7,772	0	0	0	0	0	0	0	7,772
Department of Commerce	11,985	0	0	343	0	4,039	0	2,826	4,777
National Institute of Standards and Technology	11,985	0	0	343	0	4,039	0	2,826	4,777
Department of Defense	680,278	65,982	6,673	5,762	7,110	181,493	67,220	129,044	216,994
Defense agencies and activities	136,554	3,267	0	1,319	2,280	46,132	6,559	23,614	53,383
Chemical and Biological Defense	246	0	0	0	0	246	0	0	0
Defense Advanced Research Projects Agency	104,950	0	0	0	0	32,265	0	20,606	52,079
Office of the Secretary of Defense	31,359	3,267	0	1,319	2,280	13,621	6,559	3,008	1,304
Department of the Air Force	231,575	37,169	6,673	0	0	25,951	5,968	25,481	130,334
Department of the Army	151,907	20,928	0	4,443	4,830	52,381	25,077	41,847	2,401
Department of the Navy	160,242	4,619	0	0	0	57,028	29,616	38,102	30,876
Department of Energy	765,265	0	0	75	0	982	50	763,153	1,005
Bonneville Power Administration	982	0	0	0	0	982	0	0	0
National Nuclear Security Administration	5,657	0	0	75	0	0	50	4,527	1,005
Nonproliferation and Verification	5,657	0	0	75	0	0	50	4,527	1,005
Office of Science	758,625	0	0	0	0	0	0	758,625	0
Department of Health and Human Services	948,649	0	0	0	0	0	0	27,932	920,717
National Institutes of Health	948,649	0	0	0	0	0	0	27,932	920,717
Department of Homeland Security	27,768	0	0	0	6,154	3,703	5,104	2,544	10,264
Science and Technology Directorate	27,768	0	0	0	6,154	3,703	5,104	2,544	10,264
Department of the Interior	19	0	0	0	16	3	0	0	0
U.S. Geological Survey	19	0	0	0	16	3	0	0	0
Department of Veterans Affairs	6,099	0	0	0	0	0	0	0	6,099
Other agencies									
Environmental Protection Agency	3,186	0	0	1,566	0	0	0	0	1,620
National Aeronautics and Space Administration	189,005	119,735	28,651	1,318	117	5,789	4,044	6,691	22,661
National Science Foundation	757,899	0	0	155,969	171,327	101,216	7,328	180,675	141,384

nec = not elsewhere classified.

NOTES: 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 2009-11.