Table C-41. Federal obligations for applied research, by detailed field of science and engineering: fiscal years 2001, 2002, and 2003

[Dollars in thousands]

Field of science and engineering	2001	Preliminary	
		2002	2003
Total, all fields	22,755,600	25,635,237	27,400,330
Life sciences, total	10,221,833	11,512,950	13,281,039
Biological (excluding environmental)	4,427,667	NA	NA
Environmental biology	418,991	NA	NA
Agricultural	496,012	NA	NA
Medical	3,776,608	NA	NA
Life sciences, n.e.c.	1,102,555	NA	NA
Psychology, total	448,984	503,030	591,085
Biological aspects	3,220	NA	NA
Social aspects	54,283	NA	NA
Psychological sciences, n.e.c.	391,481	NA	NA
Physical sciences, total	1,273,642	1,481,089	1,331,590
Astronomy	109,040	NA	NA
Chemistry	288,131	NA	NA
Physics	699,466	NA	NA
Physical sciences, n.e.c.	177,005	NA	NA
Environmental sciences, total	1,588,637	1,814,999	1,860,535
Atmospheric	516,378	NA	NA
Geological	273,168	NA	NA
Oceanography	278,714	NA	NA
Environmental sciences, n.e.c.	520,377	NA	NA
Mathematics & computer sciences, total	1,652,777	1,748,853	1,811,587
Mathematics	108,027	NA	NA
Computer sciences	1,437,197	NA	NA
Mathematics & computer sciences, n.e.c.	107,553	NA	NA
Engineering, total	6,285,469	7,042,251	6,986,389
Aeronautical	2,060,348	NA	NA
Astronautical	718,870	NA	NA
Chemical	138,877	NA	NA
Civil	240,529	NA	NA
Electrical	642,777	NA	NA
Mechanical	190,444	NA	NA
Metallurgy & materials	489,737	NA	NA
Engineering, n.e.c.	1,803,887	NA	NA
Social sciences, total	730,190	732,241	745,502
Anthropology	1,548	NA	NA
Economics	191,534	NA	NA
Political science	13,577	NA	NA
Sociology	77,562	NA	NA
Social sciences, n.e.c.	445,969	NA	NA
Other sciences, n.e.c.	554,068	799,824	792,603

KEY: NA = Not available (indicates that the data collected for this table were not recorded at that level in that particular fiscal year)
n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2001, 2002, and 2003