Table C-30. Federal obligations for basic 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	21,958,136	24,173,530	25,976,554
Life sciences, total	12,835,472	14,355,435	15,391,745
Biological (excluding environmental)	7,952,287	NA	NA
Environmental biology	309,811	NA	NA
Agricultural	511,674	NA	NA
Medical	2,808,590	NA	NA
Life sciences, n.e.c.	1,253,110	NA	NA
Psychology, total	292,942	335,607	364,086
Biological aspects	10,419	NA	NA
Social aspects	5,516	NA	NA
Psychological sciences, n.e.c.	277,007	NA	NA
Physical sciences, total	3,327,128	3,664,069	3,868,855
Astronomy	650,155	NA	NA
Chemistry	736,787	NA	NA
Physics	1,762,281	NA	NA
Physical sciences, n.e.c.	177,905	NA	NA
Environmental sciences, total	1,663,039	1,852,504	2,018,258
Atmospheric	597,181	NA	NA
Geological	400,614	NA	NA
Oceanography	402,370	NA	NA
Environmental sciences, n.e.c.	262,874	NA	NA
Mathematics & computer sciences, total	957,826	1,002,402	1,054,504
Mathematics	288,354	NA	NA
Computer sciences	585,585	NA	NA
Mathematics & computer sciences, n.e.c.	83,887	NA	NA
Engineering, total	1,911,549	1,909,149	2,174,250
Aeronautical	369,707	NA	NA
Astronautical	33,862	NA	NA
Chemical	60,159	NA	NA
Civil	47,893	NA	NA
Electrical	246,943	NA	NA
Mechanical	128,805	NA	NA
Metallurgy & materials	591,085	NA	NA
Engineering, n.e.c.	433,095	NA	NA
Social sciences, total	278,442	294,945	304,825
Anthropology	14,058	NA	NA
Economics	42,530	NA	NA
Political science	5,941	NA	NA
Sociology	17,909	NA	NA
Social sciences, n.e.c.	198,004	NA	NA
Other sciences, n.e.c.	691,738	759,419	800,031

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