

TABLE C-19. Federal obligations for research, by detailed field of science and engineering: FYs 2002-04
(Dollars in thousands)

Field of science and engineering	2002	Preliminary	
		2003	2004
All fields	48,006,711	52,568,504	54,071,836
Life sciences	25,476,802	28,441,949	29,340,480
Agricultural	1,047,642	NA	NA
Biological (excluding environmental)	14,498,524	NA	NA
Environmental biology	778,884	NA	NA
Medical	6,427,390	NA	NA
Life sciences, nec	2,724,362	NA	NA
Psychology	905,874	1,009,388	1,050,388
Biological aspects	10,619	NA	NA
Social aspects	52,502	NA	NA
Psychological sciences, nec	842,753	NA	NA
Physical sciences	4,983,230	5,105,284	5,416,951
Astronomy	751,527	NA	NA
Chemistry	1,181,738	NA	NA
Physics	2,621,366	NA	NA
Physical sciences, nec	428,599	NA	NA
Environmental sciences	3,418,276	3,689,783	3,761,564
Atmospheric	1,163,517	NA	NA
Geological	674,893	NA	NA
Oceanography	784,648	NA	NA
Environmental sciences, nec	795,218	NA	NA
Mathematics and computer sciences	2,630,661	2,738,202	2,828,846
Computer sciences	2,043,190	NA	NA
Mathematics	401,997	NA	NA
Mathematics and computer sciences, nec	185,474	NA	NA
Engineering	8,274,904	9,074,012	9,127,071
Aeronautical	2,157,141	NA	NA
Astronautical	760,786	NA	NA
Chemical	201,578	NA	NA
Civil	302,654	NA	NA
Electrical	808,667	NA	NA
Mechanical	265,916	NA	NA
Metallurgy and materials	1,000,525	NA	NA
Engineering, nec	2,777,637	NA	NA
Social sciences	1,038,517	1,176,317	1,202,930
Anthropology	16,398	NA	NA
Economics	227,335	NA	NA
Political science	18,447	NA	NA
Sociology	96,108	NA	NA
Social sciences, nec	680,229	NA	NA
Other sciences, nec	1,278,447	1,333,569	1,343,606

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FYs 2002, 2003, and 2004.