

TABLE C-41. Federal obligations for applied research, by detailed field of science and engineering: FYs 2002-04
(Dollars in thousands)

Field of science and engineering	2002	Preliminary	
		2003	2004
Total, all fields	24,338,366	26,968,563	27,428,744
Life sciences	11,452,665	13,251,858	13,912,035
Agricultural	517,069	NA	NA
Biological (excluding environmental)	6,118,801	NA	NA
Environmental biology	444,375	NA	NA
Medical	3,066,379	NA	NA
Life sciences, nec	1,306,041	NA	NA
Psychology	441,257	498,107	524,053
Biological aspects	2,819	NA	NA
Social aspects	47,681	NA	NA
Psychological sciences, nec	390,757	NA	NA
Physical sciences	1,577,362	1,443,443	1,479,876
Astronomy	148,225	NA	NA
Chemistry	432,920	NA	NA
Physics	759,639	NA	NA
Physical sciences, nec	236,578	NA	NA
Environmental sciences	1,584,973	1,725,297	1,668,491
Atmospheric	479,375	NA	NA
Geological	248,871	NA	NA
Oceanography	357,608	NA	NA
Environmental sciences, nec	499,119	NA	NA
Mathematics and computer sciences	1,631,972	1,672,476	1,705,228
Computer sciences	1,406,252	NA	NA
Mathematics	76,431	NA	NA
Mathematics and computer sciences, nec	149,289	NA	NA
Engineering	6,409,993	7,020,996	6,793,019
Aeronautical	1,827,014	NA	NA
Astronautical	692,645	NA	NA
Chemical	139,244	NA	NA
Civil	256,140	NA	NA
Electrical	595,635	NA	NA
Mechanical	176,682	NA	NA
Metallurgy and materials	492,753	NA	NA
Engineering, nec	2,229,880	NA	NA
Social sciences	676,865	774,122	803,610
Anthropology	1,244	NA	NA
Economics	182,051	NA	NA
Political science	12,726	NA	NA
Sociology	76,635	NA	NA
Social sciences, nec	404,209	NA	NA
Other sciences, nec	563,279	582,264	542,432

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.