

Table C-72. Federal obligations for applied research performed at universities and colleges for selected agencies, by detailed field of science and engineering: fiscal years 2000, 2001, and 2002

[Dollars in thousands]

Field of science and engineering	2000	Preliminary	
		2001	2002
Total, all fields	5,566,653	6,424,681	6,912,610
Life sciences, total	3,672,320	4,310,387	4,642,791
Biological (excluding environmental)	2,100,785	NA	NA
Environmental biology	84,625	NA	NA
Agricultural	106,429	NA	NA
Medical	1,124,229	NA	NA
Life sciences, n.e.c.	256,252	NA	NA
Psychology, total	412,329	480,034	543,963
Biological aspects	1,165	NA	NA
Social aspects	941	NA	NA
Psychological sciences, n.e.c.	410,223	NA	NA
Physical sciences, total	344,423	375,161	397,655
Astronomy	84,199	NA	NA
Chemistry	199,278	NA	NA
Physics	49,141	NA	NA
Physical sciences, n.e.c.	11,805	NA	NA
Environmental sciences, total	162,509	184,259	182,888
Atmospheric	15,440	NA	NA
Geological	700	NA	NA
Oceanography	7,950	NA	NA
Environmental sciences, n.e.c.	138,419	NA	NA
Mathematics & computer sciences, total	234,756	247,793	303,363
Mathematics	41,882	NA	NA
Computer sciences	185,584	NA	NA
Mathematics & computer sciences, n.e.c.	7,290	NA	NA
Engineering, total	449,430	486,414	482,964
Aeronautical	31,427	NA	NA
Astronautical	31,352	NA	NA
Chemical	35,903	NA	NA
Civil	14,528	NA	NA
Electrical	56,657	NA	NA
Mechanical	8,848	NA	NA
Metallurgy & materials	46,648	NA	NA
Engineering, n.e.c.	224,067	NA	NA
Social sciences, total	149,177	174,877	173,569
Anthropology	670	NA	NA
Economics	42,511	NA	NA
Political science	531	NA	NA
Sociology	12,093	NA	NA
Social sciences, n.e.c.	93,372	NA	NA
Other sciences, n.e.c.	141,709	165,756	185,417

KEY: NA = Not applicable (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

NOTE: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 94 percent of total Federal applied research obligations to universities and colleges in fiscal years 2000, 2001, and 2002.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2000, 2001, and 2002