

TABLE C-64. Federal obligations for basic research performed at universities and colleges for selected agencies, by detailed field of science and engineering: FYs 2002-04
(Dollars in thousands)

Field of science and engineering	2002	Preliminary	
		2003	2004
All fields	12,615,462	13,504,063	13,656,193
Life sciences	7,984,815	8,686,773	8,727,062
Biological (excluding environmental)	4,955,182	NA	NA
Environmental biology	151,769	NA	NA
Agricultural	130,606	NA	NA
Medical	1,914,872	NA	NA
Life sciences, nec	832,386	NA	NA
Psychology	268,020	298,091	301,328
Biological aspects	7,036	NA	NA
Social aspects	4,659	NA	NA
Psychological sciences, nec	256,325	NA	NA
Physical sciences	1,304,820	1,348,013	1,404,831
Astronomy	155,271	NA	NA
Chemistry	404,971	NA	NA
Physics	591,618	NA	NA
Physical sciences, nec	152,960	NA	NA
Environmental sciences	779,809	788,004	849,007
Atmospheric	182,514	NA	NA
Geological	157,065	NA	NA
Oceanography	245,876	NA	NA
Environmental sciences, nec	194,354	NA	NA
Mathematics and computer sciences	738,218	777,505	811,679
Mathematics	184,223	NA	NA
Computer sciences	538,098	NA	NA
Mathematics and computer sciences, nec	15,897	NA	NA
Engineering	924,158	961,643	887,870
Aeronautical	46,317	NA	NA
Astronautical	9,282	NA	NA
Chemical	54,602	NA	NA
Civil	37,795	NA	NA
Electrical	159,821	NA	NA
Mechanical	61,258	NA	NA
Metallurgy and materials	226,603	NA	NA
Engineering, nec	328,480	NA	NA
Social sciences	190,482	203,450	213,439
Anthropology	10,697	NA	NA
Economics	28,144	NA	NA
Political science	5,646	NA	NA
Sociology	9,266	NA	NA
Social sciences, nec	136,729	NA	NA
Other sciences, nec	425,140	440,584	460,977

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.

NOTES: Only the following six agencies are required to report data for 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. Basic research obligations of the six agencies included in this table represent over 99 percent of total Federal basic research obligations to universities and colleges in FYs 2002, 2003, and 2004. Data for only those agencies that had obligations in the variables represented by this table appear in the table.

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