

TABLE C-56. Federal obligations for 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	19,767,659	21,812,774	22,354,937
Life sciences	13,443,050	15,153,136	15,590,219
Biological (excluding environmental)	8,279,116	NA	NA
Environmental biology	215,174	NA	NA
Agricultural	280,616	NA	NA
Medical	3,237,735	NA	NA
Life sciences, nec	1,430,409	NA	NA
Psychology	456,026	522,609	543,067
Biological aspects	8,224	NA	NA
Social aspects	6,320	NA	NA
Psychological sciences, nec	441,482	NA	NA
Physical sciences	1,665,411	1,739,749	1,795,284
Astronomy	302,535	NA	NA
Chemistry	544,059	NA	NA
Physics	603,563	NA	NA
Physical sciences, nec	215,254	NA	NA
Environmental sciences	932,663	947,835	1,005,779
Atmospheric	198,869	NA	NA
Geological	163,804	NA	NA
Oceanography	259,645	NA	NA
Environmental sciences, nec	310,345	NA	NA
Mathematics and computer sciences	980,618	1,031,971	1,073,107
Mathematics	200,758	NA	NA
Computer sciences	755,675	NA	NA
Mathematics and computer sciences, nec	24,185	NA	NA
Engineering	1,396,650	1,465,269	1,349,876
Aeronautical	73,674	NA	NA
Astronautical	27,629	NA	NA
Chemical	80,998	NA	NA
Civil	54,335	NA	NA
Electrical	231,675	NA	NA
Mechanical	71,013	NA	NA
Metallurgy and materials	270,691	NA	NA
Engineering, nec	586,635	NA	NA
Social sciences	312,690	339,425	352,699
Anthropology	11,131	NA	NA
Economics	58,115	NA	NA
Political science	6,284	NA	NA
Sociology	16,928	NA	NA
Social sciences, nec	220,232	NA	NA
Other sciences, nec	580,551	612,780	644,906

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. Research obligations of the six agencies included in this table represent approximately 97 percent of total Federal 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.