

TABLE 64. Federal obligations for basic research performed at universities and colleges for selected agencies, by detailed field of science and engineering: FY 2003–05

(Dollars in thousands)

Field	2003	Preliminary	
		2004	2005
All fields	13,100,976	13,708,015	13,875,348
Environmental sciences	825,295	859,628	878,348
Atmospheric sciences	177,290	NA	NA
Geological sciences	163,555	NA	NA
Oceanography	281,744	NA	NA
Environmental sciences, nec	202,706	NA	NA
Life sciences	8,143,844	8,696,759	8,802,001
Agricultural sciences	132,608	NA	NA
Biological sciences (excluding environmental biology)	6,017,232	NA	NA
Environmental biology	141,617	NA	NA
Medical sciences	1,559,134	NA	NA
Life sciences, nec	293,253	NA	NA
Mathematics and computer sciences	841,672	849,407	866,313
Computer sciences	614,703	NA	NA
Mathematics	210,498	NA	NA
Mathematics and computer sciences, nec	16,471	NA	NA
Physical sciences	1,368,415	1,402,780	1,407,175
Astronomy	158,859	NA	NA
Chemistry	438,239	NA	NA
Physics	617,099	NA	NA
Physical sciences, nec	154,218	NA	NA
Psychology	304,461	316,911	323,544
Biological aspects	10,207	NA	NA
Social aspects	3,667	NA	NA
Psychological sciences, nec	290,587	NA	NA
Social sciences	183,754	194,655	196,608
Anthropology	9,194	NA	NA
Economics	30,399	NA	NA
Political science	5,909	NA	NA
Sociology	9,971	NA	NA
Social sciences, nec	128,281	NA	NA
Other sciences, nec	439,544	456,108	467,284
Engineering	993,991	931,767	934,075
Aeronautical engineering	51,111	NA	NA
Astronautical engineering	11,293	NA	NA
Chemical engineering	61,655	NA	NA
Civil engineering	41,289	NA	NA
Electrical engineering	175,132	NA	NA
Mechanical engineering	68,993	NA	NA
Metallurgy and materials engineering	235,678	NA	NA
Engineering, nec	348,840	NA	NA

NA = not available (data collected for this table were not recorded at that level in that particular fiscal year).

nec = not elsewhere classified.

NOTES: Only six agencies are required to report data for this section of survey: Departments of Agriculture, Defense, Energy, and Health and Human Services; National Aeronautics and Space Administration; and National Science Foundation. Basic research obligations of these six agencies represented over 99% of total federal basic research obligations to universities and colleges in FY 2003, 2004, and 2005. Data for only those agencies and subdivisions that had obligations in variables represented by this table appear in table.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FY 2003, 2004, and 2005.