

TABLE A-4. Imputed amounts for total R&D expenditures at universities and colleges, by science and engineering field: FY 2003

(Dollars in millions)

Science and engineering field	All separately budgeted R&D expenditures	Imputed amount	Imputed amount as percent of total
All science and engineering	40,077	159	0.4
Computer sciences	1,304	8	0.6
Environmental sciences	2,188	18	0.8
Atmospheric sciences	396	15	3.8
Earth sciences	724	43	5.9
Oceanography	774	36	4.7
Environmental sciences, nec	294	52	17.7
Life sciences	23,764	160	0.7
Agricultural sciences	2,555	50	2.0
Biological sciences	7,392	63	0.9
Medical sciences	12,787	96	0.8
Life sciences, nec	1,030	17	1.7
Mathematical sciences	429	9	2.1
Physical sciences	3,273	39	1.2
Astronomy	392	1	0.3
Chemistry	1,220	22	1.8
Physics	1,420	21	1.5
Physical sciences, nec	240	9	3.8
Psychology	769	5	0.7
Social sciences	1,661	20	1.2
Economics	314	7	2.2
Political sciences	289	2	0.7
Sociology	372	9	2.4
Social sciences, nec	686	14	2.0
Sciences, nec	691	35	5.1
Engineering	5,999	71	1.2
Aeronautical/astronautical engineering	402	47	11.7
Bioengineering/biomedical engineering	314	17	5.4
Chemical engineering	454	25	5.5
Civil engineering	776	20	2.6
Electrical engineering	1,402	134	9.6
Mechanical engineering	822	100	12.2
Metallurgical/materials engineering	535	3	0.6
Engineering, nec	1,295	150	11.6

nec = not elsewhere classified.

NOTES: The imputation rate at the total level is lower than the imputation rates at the science and engineering field levels because many institutions could provide totals but not the science and engineering field details. Because of rounding, detail may not add to total.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2003.