

TABLE A-5. Imputed amounts for federally financed R&D expenditures at universities and colleges, by science and engineering field: FY 2003

(Dollars in millions)

Science and engineering field	All separately budgeted federal R&D expenditures	Imputed amount	Imputed amount as percent of total
All science and engineering	24,734	85	0.3
Computer sciences	936	4	0.4
Environmental sciences	1,440	8	0.6
Atmospheric sciences	297	12	4.0
Earth sciences	440	33	7.5
Oceanography	536	30	5.6
Environmental sciences, nec	166	40	24.1
Life sciences	14,645	114	0.8
Agricultural sciences	762	37	4.9
Biological sciences	5,017	42	0.8
Medical sciences	8,249	69	0.8
Life sciences, nec	617	11	1.8
Mathematical sciences	295	4	1.4
Physical sciences	2,353	18	0.8
Astronomy	272	1	0.4
Chemistry	816	10	1.2
Physics	1,088	14	1.3
Physical sciences, nec	177	2	1.1
Psychology	553	3	0.5
Social sciences	667	9	1.3
Economics	108	4	3.7
Political sciences	92	0	0.0
Sociology	183	3	1.6
Social sciences, nec	284	6	2.1
Sciences, nec	238	7	2.9
Engineering	3,608	31	0.9
Aeronautical/astronautical engineering	306	42	13.7
Bioengineering/biomedical engineering	190	14	7.4
Chemical engineering	248	16	6.5
Civil engineering	327	14	4.3
Electrical engineering	925	126	13.6
Mechanical engineering	533	89	16.7
Metallurgical/materials engineering	303	3	1.0
Engineering, nec	776	134	17.3

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.