

TABLE A-7. Imputed amounts for total R&D expenditures at universities and colleges, by science and engineering field: FY 2009

(Dollars in millions)

Science and engineering field	All separately budgeted R&D expenditures	Imputed amount	Imputed amount as % of total
All science and engineering	54,935	71	0.1
Computer sciences	1,592	2	0.1
Environmental sciences	2,940	20	0.7
Atmospheric sciences	415	10	2.5
Earth sciences	1,027	6	0.6
Oceanography	1,087	32	2.9
Environmental sciences, nec	411	22	5.5
Life sciences	32,791	57	0.2
Agricultural sciences	3,057	12	0.4
Biological sciences	10,153	42	0.4
Medical sciences	18,240	3	0.0
Life sciences, nec	1,341	0	0.0
Mathematical sciences	553	1	0.1
Physical sciences	4,294	14	0.3
Astronomy	580	1	0.1
Chemistry	1,589	9	0.6
Physics	1,874	3	0.2
Physical sciences, nec	252	0	0.2
Psychology	979	8	0.8
Social sciences	2,075	7	0.3
Economics	379	1	0.4
Political sciences	369	1	0.2
Sociology	408	5	1.3
Social sciences, nec	919	8	0.9
Sciences, nec	1,060	6	0.6
Engineering	8,651	14	0.2
Aeronautical/astronautical engineering	614	91	14.8
Bioengineering/biomedical engineering	650	28	4.3
Chemical engineering	695	18	2.5
Civil engineering	978	14	1.4
Electrical engineering	1,846	202	10.9
Mechanical engineering	1,244	140	11.3
Metallurgical/materials engineering	689	1	0.2
Engineering, nec	1,934	224	11.6

nec = not elsewhere classified.

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

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2009.