

TABLE A-16

Imputed amounts for total and federally financed higher education R&D expenditures at institutions in the short form population, by R&D field: FY 2019

(Dollars in thousands)

R&D field	Total			Federally financed		
	All R&D expenditures	Imputed amount	Imputed amount as % of total	All R&D expenditures	Imputed amount	Imputed amount as % of total
All R&D fields	156,858	8,026	5.1	78,377	3,734	4.8
All science and engineering	123,177	9,089	7.4	69,199	4,798	6.9
Computer and information sciences	4,724	225	4.8	3,839	164	4.3
Geosciences, atmospheric sciences, and ocean sciences	10,061	290	2.9	6,749	253	3.7
Life sciences	52,908	5,075	9.6	29,309	3,067	10.5
Mathematics and statistics	5,121	195	3.8	2,505	138	5.5
Physical sciences	19,748	926	4.7	12,370	501	4.1
Psychology	5,203	323	6.2	2,898	204	7.0
Social sciences	10,420	776	7.4	4,706	264	5.6
Sciences nec	5,000	67	1.3	1,553	52	3.3
Engineering	9,992	1,212	12.1	5,270	155	2.9
All non-science and engineering	33,681	1,880	5.6	9,178	454	4.9

nec = not elsewhere classified.

Note(s):

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

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2019.