

TABLE A-12

**Imputed amounts for total and federally financed higher education R&D expenditures, by type of R&D: FY 2019**

(Dollars in millions)

Type of R&D	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 types of R&D	83,496	69	0.1	44,455	33	0.1
Basic research	52,262	9,942	19.0	28,500	6,321	22.2
Applied research	23,510	4,207	17.9	12,656	2,580	20.4
Experimental development	7,725	1,214	15.7	3,300	659	20.0

**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. This table includes only institutions reporting \$1 million or more in total R&D expenditures in FY 2018. Institutions reporting less than \$1 million in total R&D expenditures in FY 2018 completed a shorter version of the survey form in FY 2019 that did not include this question.

**Source(s):**

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