

TABLE A-14

**Imputed amounts for total and federally financed higher education R&D expenditures passed through, by survey population and type of subrecipient: FY 2023**

(Dollars in thousands)

Survey population and type of subrecipient	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
Standard form institutions						
All subrecipients <sup>a</sup>	9,514,892	35,255	0.4	8,205,341	32,810	0.4
To educational subrecipients	5,187,467	591,002	11.4	4,657,136	505,169	10.8
To businesses	1,711,781	204,326	11.9	1,379,718	172,271	12.5
To nonprofit organizations	1,724,170	148,755	8.6	1,442,979	127,218	8.8
To other pass-through entities	891,474	149,780	16.8	725,508	122,976	17.0
Short form institutions <sup>b</sup>						
To educational subrecipients	2,850	126	4.4	1,807	116	6.4

<sup>a</sup> Imputation rate at total level is lower than imputation rates at detail levels because some institutions could provide totals but not details.

<sup>b</sup> Institutions in the short form population were asked to provide R&D expenditures passed through to educational subrecipients only.

**Source(s):**

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2023.