

TABLE 3

Higher education R&D expenditures, by source of funds, R&D field, and survey population: FY 2019

(Dollars in thousands)

Source of funds and R&D field	All institutions	Survey population	
		Short form	Standard form
All R&D expenditures	83,653,206	156,858	83,496,348
Federal government	44,533,642	78,377	44,455,265
State and local government	4,505,190	9,738	4,495,452
Institution funds	21,153,749	44,046	21,109,703
Institutionally financed research	14,048,840	37,938	14,010,902
Cost sharing	1,574,939	1,894	1,573,045
Unrecovered indirect costs	5,529,970	4,214	5,525,756
Business	5,058,117	4,541	5,053,576
Nonprofit organizations	5,698,359	14,422	5,683,937
All other sources	2,704,149	5,734	2,698,415
Science	65,532,102	113,185	65,418,917
Computer and information sciences	2,644,058	4,724	2,639,334
Geosciences, atmospheric sciences, and ocean sciences	3,195,150	10,061	3,185,089
Life sciences	48,283,046	52,908	48,230,138
Mathematics and statistics	774,843	5,121	769,722
Physical sciences	5,571,029	19,748	5,551,281
Psychology	1,327,996	5,203	1,322,793
Social sciences	2,815,897	10,420	2,805,477
Sciences nec	920,083	5,000	915,083
Engineering	13,224,351	9,992	13,214,359
Non-S&E	4,896,753	33,681	4,863,072

nec = not elsewhere classified. S&E = science and engineering.

Note(s):

Institutions are included in the short form population if they reported less than \$1 million in total R&D expenditures during the previous fiscal year.

Source(s):

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