

TABLE 3

Higher education R&D expenditures, by source of funds, R&D field, and survey population: FY 2021

(Dollars in thousands)

Source of funds and R&D field	All institutions	Survey population	
		Short form	Standard form
All R&D expenditures	89,872,007	148,560	89,723,447
Federal government	49,228,127	84,667	49,143,460
State and local government	4,745,398	9,383	4,736,015
Institution funds	22,481,841	33,479	22,448,362
Institutionally financed research	14,973,889	28,242	14,945,647
Cost sharing	1,627,858	1,925	1,625,933
Unrecovered indirect costs	5,880,094	3,312	5,876,782
Business	5,118,899	3,419	5,115,480
Nonprofit organizations	5,604,133	13,860	5,590,273
All other sources	2,693,609	3,752	2,689,857
Science	70,431,261	114,731	70,316,530
Computer and information sciences	2,959,709	7,786	2,951,923
Geosciences, atmospheric sciences, and ocean sciences	3,304,219	8,336	3,295,883
Life sciences	52,424,127	59,531	52,364,596
Mathematics and statistics	776,627	3,692	772,935
Physical sciences	5,759,095	18,465	5,740,630
Psychology	1,330,183	4,153	1,326,030
Social sciences	2,851,179	9,146	2,842,033
Sciences nec	1,026,122	3,622	1,022,500
Engineering	14,302,940	9,453	14,293,487
Non-S&E	5,137,806	24,376	5,113,430

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 2021.