

TABLE 5

Total expenditures for R&D performed by nonprofit organizations, by field and type of nonprofit organization: FYs 2020—21

(Dollars in thousands)

Field	Type of nonprofit organization ^a							
	FY 2020				FY 2021			
	All organizations	Healthcare	Science and technology	Other nonprofit organizations	All organizations	Healthcare	Science and technology	Other nonprofit organizations
All R&D expenditures	27,052,537	14,276,583	10,400,065	2,375,889	27,190,025	13,549,636	11,217,704	2,422,685
Sciences	24,623,494	14,250,633	8,586,281	1,786,580	24,140,090	13,451,139	8,756,764	1,932,188
Agricultural sciences and natural resources and conservation	672,759	0	336,850	335,909	650,232	0	413,905	236,326
Biological, biomedical, and health sciences	20,070,464	14,114,733	5,457,060	498,672	20,108,739	13,349,195	5,826,208	933,337
Geosciences, atmospheric sciences, and ocean sciences	989,623	123	813,064	176,436	400,785	0	365,549	35,236
Mathematics, statistics, and computer and information sciences	516,304	40,427	399,216	76,661	767,464	1,231	565,609	200,624
Physical sciences	505,582	0	447,760	57,822	714,013	0	570,527	143,487
Psychology and social sciences	1,868,762	95,350	1,132,331	641,080	1,498,857	100,713	1,014,966	383,178
Engineering	1,563,671	20,297	1,450,716	92,658	2,027,249	20,218	1,968,828	38,203
Humanities	145,296	0	10,142	135,153	56,256	557	36,476	19,223
Other fields	720,077	5,654	352,925	361,498	966,430	77,723	455,635	433,072

i = more than 50% of the estimate is a combination of imputation and reweighting to account for nonresponse; r = relative standard error > 50%.

^a Nonprofit organizations are classified using the 2017 North American Industry Classification System code that accounts for the majority of their payroll. This classification may differ from the National Taxonomy of Exempt Entities Core Codes system used by the Internal Revenue Service and National Center for Charitable Statistics.

Note(s):

These data exclude nonprofit universities and colleges and federally funded research and development centers administered by nonprofit organizations. Detail may not add to total because of rounding.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, Nonprofit Research Activities FY 2021 module of the 2022 Annual Business Survey.