

TABLE 5

Total expenditures for R&D performed by nonprofit organizations, by field and type of nonprofit organization: FYs 2020–22

(Dollars in thousands)

Field	Type of nonprofit organization ^a											
	FY 2020				FY 2021				FY 2022			
	All organizations	Healthcare	Science and technology	Other nonprofit organizations	All organizations	Healthcare	Science and technology	Other nonprofit organizations	All organizations	Healthcare	Science and technology	Other nonprofit organizations
All R&D expenditures	26,709,319	13,964,718	10,368,712	2,375,889	27,029,919	13,441,110	11,166,124	2,422,685	28,052,093	14,658,216	11,260,286	2,133,591
Sciences	24,285,716	13,939,076	8,560,057	1,786,580	23,986,676	13,342,578	8,711,911	1,932,188	24,480,812	14,329,183	8,396,130	1,755,500
Agricultural sciences and natural resources and conservation	673,627	0	337,717	335,909	651,296	0	414,970	236,326	960,669	32,965	593,981	333,723
Biological, biomedical, and health sciences	19,772,099	13,805,748	5,467,679	498,672	20,008,279	13,243,038	5,831,904	933,337	20,279,107	14,238,644	5,384,343	656,121
Geosciences, atmospheric sciences, and ocean sciences	992,227	123	815,668	176,436	401,732	0	366,496	35,236	551,867	0	443,365	108,502
Mathematics, statistics, and computer and information sciences	470,330	39,086	354,582	76,661	710,937	1,233	509,081	200,624	1,050,595	1,997	934,519	114,079
Physical sciences	507,032	0	449,209	57,822	715,492	0	572,005	143,487	391,343	0	264,470	126,873
Psychology and social sciences	1,870,401	94,119	1,135,202	641,080	1,498,940	98,307	1,017,455	383,178	1,247,231	55,577	775,452	416,202
Engineering	1,557,822	19,985	1,445,180	92,658	2,019,719	20,245	1,961,271	38,203	1,965,124	25,171	1,926,555	13,397
Humanities	145,312	0	10,159	135,153	56,267	558	36,486	19,223	129,536	1,114	105,943	22,479
Other fields	720,471	5,657	353,315	361,498	967,257	77,730	456,455	433,072	1,476,620	302,749	831,657	342,214

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 module of the Annual Business Survey.