

Table 5. Total expenditures for R&D performed by nonprofit organizations, by field and type of nonprofit organization: FYs 2022–24

(Dollars in thousands)

Field	Type of nonprofit organization ^a											
	FY 2022				FY 2023				FY 2024			
	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	28,052,093	14,658,216	11,260,286	2,133,591	30,816,896	16,583,796	12,338,420	1,894,680	29,448,982	14,688,414	12,303,613	2,456,955
Sciences	24,480,812	14,329,183	8,396,130	1,755,500	27,513,530	16,485,540	9,528,500	1,499,489	26,137,802	14,593,400	9,767,092	1,777,312
Agricultural sciences and natural resources and conservation	960,669	32,965	593,981	333,723	949,506	129	676,334	273,043	1,038,078	811	729,247	308,020
Biological, biomedical, and health sciences	20,279,107	14,238,644	5,384,343	656,121	23,472,858	16,393,645	6,405,406	673,808	21,718,249	14,521,418	6,574,240	622,592
Geosciences, atmospheric sciences, and ocean sciences	551,867	0	443,365	108,502	576,715	1,909	480,669	94,136	569,907	0	505,212	64,696
Mathematics, statistics, and computer and information sciences	1,050,595	1,997	934,519	114,079	760,585	2,207	685,521	72,857	907,256	6,576	802,308	98,372
Physical sciences	391,343	0	264,470	126,873	529,340	240	355,417	173,683	466,161	219	234,293	231,649
Psychology and social sciences	1,247,231	55,577	775,452	416,202	1,224,526	87,410	925,153	211,962	1,438,151	64,376	921,792	451,983
Engineering	1,965,124	25,171	1,926,555	13,397	1,866,899	43,688	1,809,102	14,109	1,722,686	52,001	1,547,659	123,026
Humanities	129,536	1,114	105,943	22,479	154,113	28	129,849	24,236	198,954	0	120,895	78,059
Other fields	1,476,620	302,749	831,657	342,214	1,282,354	54,540	870,969	356,845	1,389,538	43,013	867,966	478,559

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 2022 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.