

Table 6. Total expenditures for R&D performed by nonprofit organizations, by source of funds, type of R&D, and type of nonprofit organization: FYs 2022–24

(Dollars in thousands)

Source of funds and type of R&D	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	
Total 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	
Basic research	13,908,858	7,509,278	5,377,570	1,022,009	15,672,022	8,223,565	6,648,328	800,129	15,520,395	7,383,402	7,096,087	1,040,906	
Applied research	9,276,465	3,652,184	4,658,681	965,601	9,850,290	4,820,514	4,330,206	699,570	9,271,106	4,161,751	4,278,443	830,912	
Experimental development	4,866,770	3,496,755	1,224,035	145,980	5,294,584	3,539,715	1,359,887	394,982	4,657,481	3,143,260	929,083	585,137	
Federally funded R&D expenditures	11,648,446	4,989,394	6,393,032	266,020	12,353,301	5,775,817	6,289,270	288,214	11,162,065	4,820,330	5,903,398	438,337	
Basic research	5,556,248	2,695,373	2,773,283	87,592	6,217,845	3,127,126	3,008,275	82,444	5,850,119	2,585,974	3,099,210	164,936	
Applied research	4,724,002	1,632,482	2,940,648	150,872	4,522,154	1,816,026	2,552,825	153,302	4,250,162	1,606,474	2,471,907	171,781	
Experimental development	1,368,196	661,540	679,101	27,555	1,613,301	832,663	728,171	52,467	1,061,783	627,883	332,282	101,619	
Nonfederally funded R&D expenditures	16,403,647	9,668,823	4,867,253	1,867,571	18,463,595	10,807,979	6,049,150	1,606,467	18,286,916	9,868,083	6,400,215	2,018,618	
Basic research	8,352,610	4,813,906	2,604,287	934,417	9,454,177	5,096,439	3,640,053	717,685	9,670,276	4,797,429	3,996,877	875,970	
Applied research	4,552,464	2,019,702	1,718,033	814,729	5,328,136	3,004,489	1,777,379	546,268	5,020,943	2,555,277	1,806,536	659,131	
Experimental development	3,498,574	2,835,215	544,934	118,425	3,681,282	2,707,051	631,716	342,515	3,595,697	2,515,378	596,801	483,518	

i = more than 50% of the estimate is a combination of imputation and reweighting to account for nonresponse.

^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.