

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 2020–22

(Dollars in thousands)

Source of funds and type of R&D	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
Total 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
Basic research	12,215,362	7,140,696	4,503,725	570,941	11,933,697	6,351,927	4,803,514	778,257	13,908,858	7,509,278	5,377,570	1,022,009
Applied research	10,080,702	4,337,028	4,432,810	1,310,863	9,827,005	4,100,493	4,728,247	998,266	9,276,465	3,652,184	4,658,681	965,601
Experimental development	4,413,255	2,486,994	1,432,177	494,084	5,269,216	2,988,691	1,634,363	646,163	4,866,770	3,496,755	1,224,035	145,980
Federally funded R&D expenditures	11,809,428	5,248,716	6,099,287	461,425	11,481,142	4,597,484	6,449,939	433,718	11,648,446	4,989,394	6,393,032	266,020
Basic research	5,168,520	2,696,185	2,386,314	86,021	4,644,509	2,201,535	2,355,712	87,261	5,556,248	2,695,373	2,773,283	87,592
Applied research	4,816,442	1,809,312	2,717,334	289,796	4,946,713	1,679,138	2,995,022	272,552	4,724,002	1,632,482	2,940,648	150,872
Experimental development	1,824,466	743,219	995,639	85,609	1,889,921	716,811	1,099,205	73,905	1,368,196	661,540	679,101	27,555
Nonfederally funded R&D expenditures	14,899,890	8,716,002	4,269,425	1,914,464	15,548,777	8,843,626	4,716,185	1,988,967	16,403,647	9,668,823	4,867,253	1,867,571
Basic research	7,046,843	4,444,511	2,117,411	484,921	7,289,189	4,150,392	2,447,801	690,996	8,352,610	4,813,906	2,604,287	934,417
Applied research	5,264,259	2,527,716	1,715,476	1,021,067	4,880,293	2,421,354	1,733,225	725,713	4,552,464	2,019,702	1,718,033	814,729
Experimental development	2,588,789	1,743,775	436,538	408,476	3,379,295	2,271,880	535,158	572,258	3,498,574	2,835,215	544,934	118,425

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 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.