

Table 4**Thirty institutions reporting the largest FY 2023 R&D expenditures: FYs 2021–23**

(Millions of current dollars)

Institution	Rank	2021	2022	2023	% change 2022–23
All institutions	-	89,701	97,670	108,681	11.3
Leading 30 institutions	-	38,030	41,235	45,963	11.5
Johns Hopkins U. ^a	1	3,181	3,420	3,802	11.2
U. California, San Francisco	2	1,710	1,806	2,047	13.3
U. Pennsylvania	3	1,632	1,791	1,954	9.1
U. Michigan, Ann Arbor	4	1,640	1,771	1,926	8.8
U. Washington, Seattle	5	1,489	1,560	1,734	11.2
U. Wisconsin-Madison	6	1,380	1,524	1,732	13.6
U. California, Los Angeles	7	1,455	1,536	1,722	12.1
U. California, San Diego	8	1,425	1,533	1,705	11.2
U. North Carolina, Chapel Hill	9	1,206	1,361	1,550	13.9
Stanford U.	10	1,274	1,385	1,538	11.0
Duke U.	11	1,238	1,391	1,508	8.4
New York U.	12	1,064	1,276	1,457	14.2
Cornell U.	13	1,184	1,300	1,452	11.7
Ohio State U.	14	1,236	1,363	1,449	6.3
Harvard U.	15	1,254	1,308	1,435	9.7
Georgia Institute of Technology	16	1,114	1,231	1,405	14.1
U. Pittsburgh, Pittsburgh	17	1,135	1,252	1,398	11.7
U. Maryland ^b	18	1,142	1,229	1,385	12.7
Columbia U. in the City of New York	19	1,099	1,231	1,342	9.0
Yale U.	20	1,165	1,191	1,327	11.4
U. Minnesota, Twin Cities	21	1,073	1,202	1,320	9.8
Texas A&M U., College Station and Health Science Center	22	1,148	1,153	1,278	10.8
U. Texas M. D. Anderson Cancer Center	23	1,125	1,183	1,255	6.1
Vanderbilt U. and Vanderbilt U. Medical Center	24	1,019	1,086	1,253	15.4
U. Florida	25	960	1,086	1,250	15.1
Pennsylvania State U., University Park and Hershey Medical Center	26	971	1,020	1,207	18.3
Washington U., Saint Louis	27	989	1,047	1,169	11.7
U. Southern California	28	956	1,040	1,155	11.1
Northwestern U.	29	913	1,001	1,114	11.3
Emory U.	30	853	958	1,094	14.2

^a Johns Hopkins University includes the Applied Physics Laboratory, with \$2,333 million in total R&D expenditures in FY 2023.

^b University of Maryland includes expenditures from University of Maryland, Baltimore and University of Maryland, College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to 2019, both campuses reported to the Higher Education Research and Development Survey as separate institutions.

Note(s):

Because of rounding, detail may not add to total. Rankings are based on unrounded totals. This table reflects the leading 30 institutions for FY 2023; the institutions listed may not be in the top 30 of prior fiscal years.

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey.