

Table 4**Thirty institutions reporting the largest FY 2021 R&D expenditures in all fields: FYs 2019–21**

(Millions of current dollars)

Institution	Rank	2019	2020	2021	% change 2020–21
All institutions	-	83,487	86,300	89,723	4.0
Leading 30 institutions	-	35,404	36,646	38,126	4.0
Johns Hopkins U. ^a	1	2,917	3,110	3,181	2.3
U. California, San Francisco	2	1,595	1,651	1,710	3.6
U. Michigan, Ann Arbor	3	1,676	1,674	1,640	-2.0
U. Pennsylvania	4	1,506	1,579	1,632	3.4
U. Washington, Seattle	5	1,426	1,457	1,489	2.2
U. California, Los Angeles	6	1,306	1,393	1,455	4.5
U. California, San Diego	7	1,354	1,404	1,425	1.5
U. Wisconsin-Madison	8	1,297	1,364	1,380	1.2
Stanford U.	9	1,204	1,204	1,274	5.8
Harvard U.	10	1,240	1,240	1,254	1.1
Duke U.	11	1,227	1,197	1,238	3.4
Ohio State U.	12	929	968	1,236	27.7
U. North Carolina, Chapel Hill	13	1,154	1,160	1,206	4.0
Cornell U.	14	1,145	1,190	1,184	-0.5
Yale U.	15	1,072	1,094	1,165	6.5
Texas A&M U., College Station and Health Science Center	16	952	1,131	1,148	1.5
U. Maryland ^b	17	1,097	1,103	1,142	3.5
U. Pittsburgh, Pittsburgh	18	1,081	1,106	1,135	2.6
U. Texas M. D. Anderson Cancer Center	19	969	1,051	1,125	7.0
Georgia Institute of Technology	20	960	1,049	1,114	6.2
Columbia U. in the City of New York	21	1,004	1,033	1,099	6.4
U. Minnesota, Twin Cities	22	1,013	1,042	1,073	3.0
New York U.	23	935	947	1,064	12.4
Vanderbilt U. and Vanderbilt U. Medical Center	24	777	825	1,019	23.5
Washington U., Saint Louis	25	887	920	989	7.5
Pennsylvania State U., University Park and Hershey Medical Center	26	950	992	971	-2.1
U. Florida	27	929	942	960	1.9
U. Southern California	28	910	941	956	1.6
Massachusetts Institute of Technology	29	1,009	988	949	-3.9
Northwestern U.	30	857	875	913	4.3

^a Johns Hopkins University includes the Applied Physics Laboratory, with \$1,950 million in total R&D expenditures in FY 2021.

^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. This table reflects the leading 30 institutions for FY 2021; 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.