

Table 4**Thirty institutions reporting the largest FY 2020 R&D expenditures in all fields: FYs 2018–20**

(Millions of current dollars)

Institution	Rank	2018	2019	2020	% change 2019–20
All institutions	-	79,026	83,534	86,296	3.3
Leading 30 institutions	-	33,451	35,405	36,646	3.5
Johns Hopkins U. ^a	1	2,661	2,917	3,110	6.6
U. Michigan, Ann Arbor	2	1,601	1,676	1,674	-0.1
U. California, San Francisco	3	1,596	1,595	1,651	3.5
U. Pennsylvania	4	1,442	1,506	1,579	4.8
U. Washington, Seattle	5	1,414	1,426	1,457	2.2
U. California, San Diego	6	1,265	1,354	1,404	3.7
U. California, Los Angeles	7	1,318	1,306	1,393	6.7
U. Wisconsin-Madison	8	1,206	1,297	1,364	5.2
Harvard U.	9	1,173	1,240	1,240	0.0
Stanford U.	10	1,158	1,204	1,204	0.0
Duke U.	11	1,168	1,227	1,197	-2.4
Cornell U.	12	1,072	1,145	1,190	3.9
U. North Carolina, Chapel Hill	13	1,136	1,154	1,160	0.5
Texas A&M U., College Station and Health Science Center	14	922	952	1,131	18.8
U. Pittsburgh, Pittsburgh	15	1,007	1,081	1,106	2.3
U. Maryland ^b	16	na	1,097	1,103	0.5
Yale U.	17	990	1,072	1,094	2.1
U. Texas M. D. Anderson Cancer Center	18	930	969	1,051	8.5
Georgia Institute of Technology	19	892	960	1,049	9.3
U. Minnesota, Twin Cities	20	955	1,013	1,042	2.9
Columbia U. in the City of New York	21	948	1,004	1,033	2.9
Pennsylvania State U., University Park and Hershey Medical Center	22	909	950	992	4.4
Massachusetts Institute of Technology	23	964	1,009	988	-2.1
Ohio State U.	24	875	929	968	4.2
New York U.	25	888	935	947	1.3
U. Florida	26	865	929	942	1.4
U. Southern California	27	892	910	941	3.4
Washington U., Saint Louis	28	816	887	920	3.7
Northwestern U.	29	806	857	875	2.1
U. California, Berkeley	30	797	803	840	4.6

na = not applicable; institution did not exist or did not exist as a separate entity.

^a Johns Hopkins University includes the Applied Physics Laboratory, with \$1,909 million in total R&D expenditures in FY 2020.^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 2020; 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.