

Table 4**Thirty institutions reporting the largest FY 2019 R&D expenditures in all fields: FYs 2017–19**

(Millions of current dollars)

Institution	Rank	2017	2018	2019	% change 2018–19
All institutions	-	75,134	79,014	83,496	5.7
Leading 30 institutions	-	31,817	33,697	35,405	5.1
Johns Hopkins U. ^a	1	2,562	2,661	2,917	9.6
U. Michigan, Ann Arbor	2	1,530	1,601	1,676	4.7
U. California, San Francisco	3	1,409	1,596	1,595	-0.1
U. Pennsylvania	4	1,374	1,442	1,506	4.4
U. Washington, Seattle	5	1,348	1,414	1,426	0.8
U. California, San Diego	6	1,133	1,265	1,354	7.0
U. California, Los Angeles	7	1,077	1,318	1,306	-0.9
U. Wisconsin-Madison	8	1,193	1,206	1,297	7.5
Harvard U.	9	1,123	1,173	1,240	5.7
Duke U.	10	1,127	1,168	1,227	5.1
Stanford U.	11	1,110	1,158	1,204	4.0
U. North Carolina, Chapel Hill	12	1,102	1,136	1,154	1.6
Cornell U.	13	984	1,072	1,145	6.8
U. Maryland ^b	14	na	na	1,097	na
U. Pittsburgh, Pittsburgh	15	940	1,007	1,081	7.3
Yale U.	16	951	990	1,072	8.3
U. Minnesota, Twin Cities	17	922	955	1,013	6.1
Massachusetts Institute of Technology	18	952	964	1,009	4.7
Columbia U. in the City of New York	19	893	948	1,004	5.9
U. Texas M. D. Anderson Cancer Center	20	888	930	969	4.2
Georgia Institute of Technology	21	804	892	960	7.6
Texas A&M U., College Station and Health Science Center	22	905	922	952	3.3
Pennsylvania State U., University Park and Hershey Medical Center	23	855	909	950	4.5
New York U.	24	918	888	935	5.3
Ohio State U.	25	864	875	929	6.2
U. Florida	26	801	865	929	7.4
U. Southern California	27	764	892	910	2.0
Washington U., Saint Louis	28	754	816	887	8.7
Northwestern U.	29	752	806	857	6.3
U. California, Davis	30	738	789	804	1.9

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 \$1,725 million in total R&D expenditures in FY 2019.^b The University of Maryland includes expenditures from the 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 survey as separate institutions.**Note(s):**

Because of rounding, detail may not add to total. This table reflects the leading 30 institutions for FY 2019; 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.