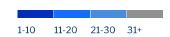
## 2016 Research & Innovation Annual Report By the Numbers

## U of T Rankings in the Most Prominent Global Rankings Systems



Global Rankings Canadian Rankings

2016 Rankings		2011		2012		2013		2014		2015		2016	
National Taiwan University Ranking (NTU)	9	1	7	1	8	1	4	1	3	1	4	1	
2. US News Best Global Universities	-	-	-	-	-	-	14	1	16	1	21	1	
3. Times Higher Education World University Rankings (THE)	19	1	21	1	20	1	20	1	19	1	22	1	
4. Academic Ranking of World Universities (ARWU)	26	1	27	1	28	1	24	1	25	1	27	1	
5. QS World University Rankings (QS)	23	1	19	1	17	1	20	1	34	2	32	2	

## Each ranking system has its own provenance and methodology, including different metrics and how they are weighted:

- 1. National Taiwan University Ranking (NTU) Based on Web of Science™ bibliometric measures including publication and citation counts, average citations per publication, h-index, highly cited publications and articles in high-impact journals [http://nturanking.lis.ntu.edu.tw/BackgroundMethodology/Methodology-enus.aspx].
- 2. US News Best Global Universities Begun in 2014. Based on a series of Web of Science™ bibliometric measures, reputational surveys, and counts of PhDs awarded [https://www.usnews.com/education/best-global-universities/articles/methodology].
- 3. Times Higher Education World University Rankings (THE) Based on reputational surveys, internationalization measures, average class size and metrics normalized over faculty count: PhDs awarded, publications, citations, overall institutional income and research income from all sources and industry. Bibliometric measures were from the Web of Science™ until 2014 and are now from Scopus™ [https://www.timeshighereducation.com/world-university-rankings/methodology-world-university-rankings-2016-2017].
- 4. Academic Ranking of World Universities (ARWU) Conducted by researchers at the Center for World-Class Universities of Shanghai Jiao Tong University; based on faculty and alumni who are Nobel Prize and Fields medal winners, researchers named to the Thomson Reuters Highly Cited list and Web of Science™ bibliometric measures including articles counts and additional weight given to articles in Science and Nature [http://www.shanghairanking.com/ARWU-Methodology-2016.html].
- 5. QS World University Ranking (QS)\* Based on citations normalized by faculty count, reputational surveys, average class size and internationalization. A significant methodological change was implemented with the 2015 QS overall ranking in that the citations per faculty score was segmented according to the rankings' five faculty area as a way to equalize the influence of each [https://www.topuniversities.com/qs-world-university-rankings/methodology].