

Appendix 53 A. Exploring QS Methodology and Rankings Results

The Appendix includes these four tables:

A – QS Sustainability Rankings – Lenses and Metrics (pg. 1)

B- QS top ten by category – World (pg. 2)

C – QS top ten by category - Asia (pg. 3)

D – Comparing the top ten Asian universities in the three rankings (pg. 4)

METHODOLOGY

The 2023 QS Sustainability Rankings are divided into two categories, eight lenses, and 36 metrics. I used this URL to navigate the methodology: <https://support.qs.com/hc/en-gb/articles/6107352412828-QS-World-University-Rankings-Sustainability->. It includes the filters for university eligibility and provides options to drill down to an individual lens. Each lens has its own metrics. TABLE 53 A. shows the top universities in the 2023 Sustainability ranking for the world and for Asia for the eight lenses. It also shows QS' mapping to SDGs by lens. The same World and Asian universities are at the top in all three of the Environmental Impact categories. UC Berkeley is also the top overall in Social Impact. Six universities, three from the UK, two from the US, and one from Sweden are tops in the five lenses for the world. Four universities, one each from China, Hong Kong, Singapore, and Japan are the tops in Asia.

Lenses	Weight	Metrics	SDGs	Top in world	World		Top in Asia	Rank
					Rank	Top in Asia		
ENVIRONMENTAL IMPACT	50%	14		UC Berkeley				
Sustainable Institutions	17.50%	8	Grouped together,	UC Berkeley	1	U Tokyo	7	7
Sustainable Education	20%	4	SDGS 7,11-15	UC Berkeley	1	U Tokyo	7	7
Sustainable Research	12.50%	2						
SOCIAL IMPACT	50%	22		UC Berkeley		Peking		118
Equality	15%	8	SDGs 5 and 10	U North Carolina Uppsala	102 11	U Hong Kong	34	
Knowledge exchange	10%	2		UCL		Peking	118	
Impact of education	10%	4	SDG 4	Stanford		Ntl U Singapore	81	
Employment & opportunities; Employer reputation	10%	5	SDG 8,9, and 16	Cambridge		Tokyo	7	
Quality of Life	5%		3 SDG 1-3; 6	Oxford		Ntl U Singapore	81	

Click [Here](#) for a legible list of the goals.

I selected the Equality lens and expanded it as shown in the article. The SDG searches use Elsevier's strategies: <https://elsevier.digitalcommonsdata.com/datasets/9sxdykm8s4/3>.

RANKINGS

QS World Sustainability rankings

17 universities are in the QS top ten for overall Sustainability and the two impact categories. None of the top 10 overall are top ten in the world. Four of the top ten in Social Impact are familiar names from the world top 10 lists. Seven are from North America, six from Europe, and four from Asia-Pac. 14 are countries with English as their first language.

	Overall		IMPACT		
			Environ- mental	Social	World
1	UC Berkeley	US	1	1	27
2	U Toronto	CA	3	7	34
3	U British Columbia	CA	4	2	47
4	U Edinburgh	UK	10	3	15
5	UNSW	AU	8	11	45
6	U Sydney	AU	11	5	41
7	U Tokyo	JP	2	97	23
8	U Pennsylvania	US	15	18	13
9	Yale U	US	6	11	18
10	U Auckland	NZ	5	43	87
15	Aarhus U	DK	9	84	161
16	U Oxford	UK	19	4	4
19	U Cambridge	UK	23	6	2
20	Harvard U	US	27	8	5
23	Delft U of Technology	NL	7	130	61
42	U College London	UK	80	9	8
45	NYU	US	126	10	39

NOTES: Universities names in **Green** -top 10 overall; in **Bold** - top 10 in world rankings

Nineteen universities are ranked in the top ten of one of the Sustainability categories. Only one is from Asia.

QS Asian Sustainability rankings

				Environ- mental	Social	World
Asia	World	Overall				
1	7	U Tokyo	JP	2	97	23
2	34	U Hong Kong	HK	39	83	21
3	66	U Malaya	MY	100	82	70
4	69	Ntl U Taiwan	TW	24	212	77
5	81	NUS	SG	100	63	11
6	82	Hong Kong Poly	HK	52	193	65
7	103	Kyoto	JP	43	216	36
8	118	Peking	CN	147	58	12
9	129	Nanyang Tech U	SG	122	132	19
10	136	U Sains Malaysia	MY	137	196	143
11	144	Seoul Ntl U	KR	116	158	29
13	161	City U HK	HK	65	356	54
14	171	Tsinghua U	CN	192	138	14
16	181	Kyushu	JP	94	390	135
16	181	Tohoku U	JP	80	422	79
18	191	Zhejiang	CN	225	143	42
21	201	Hanyang	KR	71	501	157
24	221	Tongji U	CN	100	397	212
27	261	Fudan	CN	405	158	34

Other Asian Universities in the top 20 overall, but not in top ten in any lens includes Chulalongkorn (12/151); Tsinghua (15/171); U Teknologi Malaysia (16 / 181), and Chinese U HK ((19/191).

Comparing the top ten Asian universities in the three rankings

Article 53. Table 1: lists the top ten universities in the three sustainability rankings. Table 53. D: lists the top ten Asian universities in the same rankings. There are 24 unique universities listed with six pairs. National Taiwan University, Kyoto, and U Sains Malaysia are top ten on QS and THE. U Malaya is also top 10 on UI. King Abdulaziz and U Indonesia are both on THE's and UI's top 10. Other overlaps between QS and THE include Chulalongkorn, Fudan, and Chinese U Hong Kong. King Abdulaziz and Universitas Indonesia are also ranked by QS. Nine of UI GreenMetric top 10 are included in THE Impact Rankings. Looking at country distribution among the top 10, THE has eight, QS six, and UI five.

TABLE 53.D: Top 10 in Asia in the three sustainability rankings

QS Sustainability		THE Impact		UI GreenMetric					
Asia	World				World Rank				
1	7	U Tokyo	JP	4	King Abdulaziz SA	24	U Indonesia	ID	
2	34	U Hong Kong	HK	4	U Sains Malaysia	MY	26	King Abdulaziz SA	
3	66	U Malaya	MY	10	Hokkaido	JP	27	U Putra Malaysia (1)	MY
4	69	Ntl U Taiwan	TW	13	Kyungpook Ntl	KR	29	Ntl Pingtung U S & T (1)	TW
5	81	Ntl U Singapore	SG	16	Chulalongkorn	TH	30	U Diponegoro (1)	ID
6	82	Hong Kong Poly	HK	18	U Indonesia	IO	31	Ntl Chi Nan U (2)	TW
7	103	Kyoto U	JP	19	Kyoto U	JP	32	U Malaya	MY
7	118	Peking U	CN	27	Fudan	CN	33	U Gadjah Mada	ID
9	136	Nanyang Tech U	SG	27	Yonsei U	KR	40	U Tek Sepuluh Nopember	ID
10	136	U Sains Malaysia	MY	33	Ntl Cheng Kung	TW	43	U Negeri Semarang	ID
				37	Ntl Taiwan	TW	45	Kasetsart U	TH

URLS for the three rankings:

Tables B, C, and D for QS: World University Rankings: Sustainability 2023, at <https://www.topuniversities.com/university-rankings/sustainability-rankings/2023>

Table D:

THE Impact Rankings 2022, at <https://www.timeshighereducation.com/impactrankings>

UI Green Metric Overall 2021: <https://greenmetric.ui.ac.id/>

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