

TABLE 1: ARWU Per Capita Performance (PCP) rankings including two tables:**Table 1.A : Selected Asia/Pac winners and losers and Table 1.B. World top 10**

Per Capita Performance is the weighted scores of the five indicators, Alumni, Awards, Highly Cited, publications in *Nature* and *Science*, and papers in SCI-e and SSCI, divided by the number of full- time equivalent academic staff with a 10% weighting in the overall ranking. The impact is not as noticeable in the world's top universities. Seven of the world top 10 are the same. Some of the differential is due to the number of researchers.

Table 1.A: Selected Asia-Pac universities with different rankings using PCP

HIGHER RANKING WITH PCP:					
World Rank 2021	World PCP	Asia-Pac			
Overall	PCP				Differential
401	101	31	POHANG	KR	300
301	74	30	Ulsan U Institute of Science & Technology	KR	227
301	112	31	Southern U Sci Tech	CN	189
201	44	24	China Medical U	CN	157
201	72	25	James Cook	AU	129
201	83	26	Curtin U	AU	118
201	84	27	Swinburne U of Technology	AU	117
201	95	28	Peking U Medical College	CN	106
201	109	29	KAIST	KR	92
94	26	19	Technion - Israel Institute of Technology	IS	68
151	88	23	Tel Aviv U	IS	63
LOWER RANKING WITH PCP					
World Rank 2021	World PCP	Asia-Pac			
Overall	PCP				Differential
24	85	1	U Tokyo	JP	-61
84	152	18	Nagoya	JP	-68
59	145	8	Shanghai Jiao Tong	CN	-86
26	116	2	Tsinghua	CN	-90
45	140	5	Peking U	CN	-95
101	201	21	U Hong Kong	HK	-100
77	185	14	Fudan	CN	-108
92	200	18	Weizmann Inst of Science	IS	-108
37	181	4	Kyoto U	JP	-144
52	212	7	Zhejiang U	CN	-160
89	307	19	Sun Yat-sen	CN	-218

Table 1.B: WORLD TOP 10 ranked by PCP			
World Rank 2021	World	Differ- ential	
Overall	PCP		
9	1	8	California Institute of Technology
1	2	-1	Harvard University
6	3	3	Princeton University
4	4	0	Massachusetts Institute of Technology
3	5	-3	University of Cambridge
6	6	0	Princeton University
67	7	60	U Texas MD Anderson Cancer Center
5	8	-3	U California Berkeley
2	9	-7	Stanford University
401-500	10	400	Scoula Normale Superiore -Pisa
7	12	-5	University of Oxford
10	15	-5	University of Chicago
8	56	38	Columbia University
https://www.shanghairanking.com/rankings/arwu/2021			
https://www.shanghairanking.com/methodology/arwu/2021			