

Table 36: 10: Countries :Innovation, Automation and Systems

Columns B- I are composite ranks; K-P ranked by number of institutions / country

Country	GLOBAL INNOVATION INDEX GII 2018 Overall Output		EIU RANKS			u21 Ranks Overall	Ranked by # of organizations per country			
	Tech-nology Overall	Automa-tion Overall	Inno-vate Specific	SIR Private # Cos	TR Unis # Rank		T-R Tech Lead Rank	CA Inno vative Rank		
Switzerland	1	1	19			2	6	11	8	5
Netherlands	2	2	3			6	9	8	8	7
Sweden	3	3	2			4	14	0	13	9
United Kingdom	4	6	11	8	6	3	6	5	13	
Singapore	5	15	3	3	5	9		15		
United States	6	7	11	9	9	1	1	1	1	2
Finland	7	8	1			6	12	19	8	9
Denmark	8	13	11			5	14	12		
Germany	9	5	3	2	3	15	4	3	8	4
Ireland	10	9	26			19	14	15	13	9
Israel	11	11	11			18	0	12		
South Korea	12	12	8	1	2	22	8	4	6	5
Japan	13	18	8	4	1	20	2	5	2	1
Hong Kong	14	21	11			17	0		13	
Luxembourg	15	4					0			
France	16	16	11	7	4	16	5	7	6	3
China	17	10	36	12	10	30	3	2	5	9
Canada	18	26	11	5	8	8		15	8	
Norway	19	24	19			12	12	10		
Australia	20	31	3	10	7	10	14		13	
Austria	21	28	3			11	0	15		
New Zealand	22	30	11			17	9	19		
Iceland	23	19								
Estonia	24	17	19							

Belgium	25	23	19			13	9	9			
Spain	28	27	24			25	14	12			
Italy	31	32	26		11	28	14	19			
Malaysia	35	39	29	14	16	26					
Poland	39	40	29			31		19			
Thailand	44	45	50			47					
Vietnam	45	41	67	24	21						
Russian Fed.	46	56	29	16	13	33					
Turkey	50	43	50	15	15	41	14				
Mexico	56	61	56	23	22	46					
India	57	57	47	18	17	49	14	19	4		
South Africa	58	65	38	22	18	37	0				
Saudi Arabia	63	78	38	21	20	23	14				
Brazil	64	70	38	19	25	39	14				
Iran	65	46	64			48					
Philippines	73	68	60								
Argentina	80	81	36	17	19	40					
Indonesia	85	73	69	25	23	50					
Taiwan	na		8			21	14		2	7	
TOTAL	42	42	41	21	22	38	29	0	24	17	12

[GII 2018](#) 126 Economies ranked on 80 indicators; Taiwan included in China

Output subindex: Estonia, Malta and Czech Republic in top 20

[EIU Technological Readiness](#) 82 countries

[EIU Automation -](#) Innovation category; 25 selected countries by :1-5 Mature; 6-13 Developed; 14-25 Emerging

[U21 Lib systems](#) Estonia, Iceland and Luxembourg not included

[Scimago Institutions Rankings](#) 166 companies inc.branches of multinationals; Count of headquarters only

Thomson -Reuters Innovative Universities - Ranking based on rankings in Asia-Pac, Europe or the World

23 countries [Reuters Asia-Pac 75:](#) [Reuters Europe Top 100](#) [Reuters World 100](#)

[Thomas-Reuters Top 100 Tech Leaders](#) 17 countries represented

[Clarivate Analytics Top 100 Most Innovative Companies -](#) 12 countries represented