Network Readiness Index 2025

With support from:
aws   CNI

Egypt

The Network Readiness Index (NRI) is one of the leading global indices on the application and impact of information and communication technology (ICT) in economies around the world. In its latest version of 2025 the NRI Report maps the network-based readiness landscape of 127 economies based on their performances in four different pillars: Technology, People, Governance, and Impact. Each of these pillars is itself comprised of three sub-pillars (see Figure 1) that have been populated by a total of 53 variables.
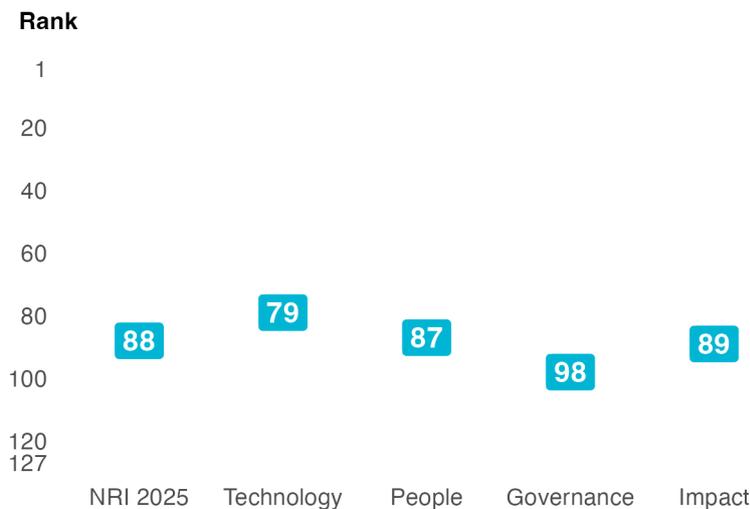
Figure 1: The NRI 2025 model

Global NRI position of Egypt

Egypt ranks 88 out of the 127 economies included in the NRI 2025 (Figure 2). Its main strength relates to Technology. The greatest scope for improvement, meanwhile, concerns Governance.

Figure 2: Egypt global ranking, overall and by pillar

Performance at sub-pillar level

When it comes to sub-pillars, the strongest showings of Egypt relate to Economy, Content and Governments, among others (Table 1). More could be done, though, to improve the economy's performances in the Regulation, Businesses and Quality of Life sub-pillars.
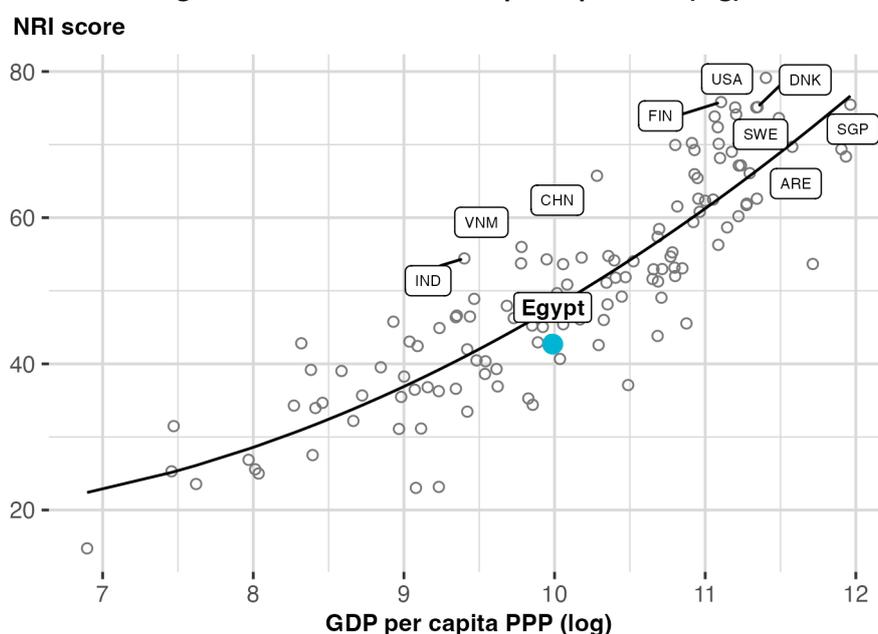
Table 1: Egypt rankings by sub-pillar

Sub-pillar	Rank	Sub-pillar	Rank
Economy	44	Individuals	81
Content	62	Trust	83
Governments	72	Inclusion	99
Future Technologies	74	Regulation	100
SDG Contribution	74	Businesses	106
Access	80	Quality of Life	112

NRI score and income

Figure 3 shows the position of Egypt in terms of both NRI score and GDP per capita (PPP). The trend line shows the expected NRI score given an economy's income level. As can be seen, Egypt is well below the trend line, which suggests that it is underachieving and that one would expect it could raise its network readiness in view of its income level.

Figure 3: NRI score and GDP per capita PPP (log)

Note: USA = United States of America (rank: 1), FIN =Finland (rank: 2), SGP = Singapore (3), DNK =Denmark (4), SWE = Sweden (5), CHN =China (24), and IND = India (45).
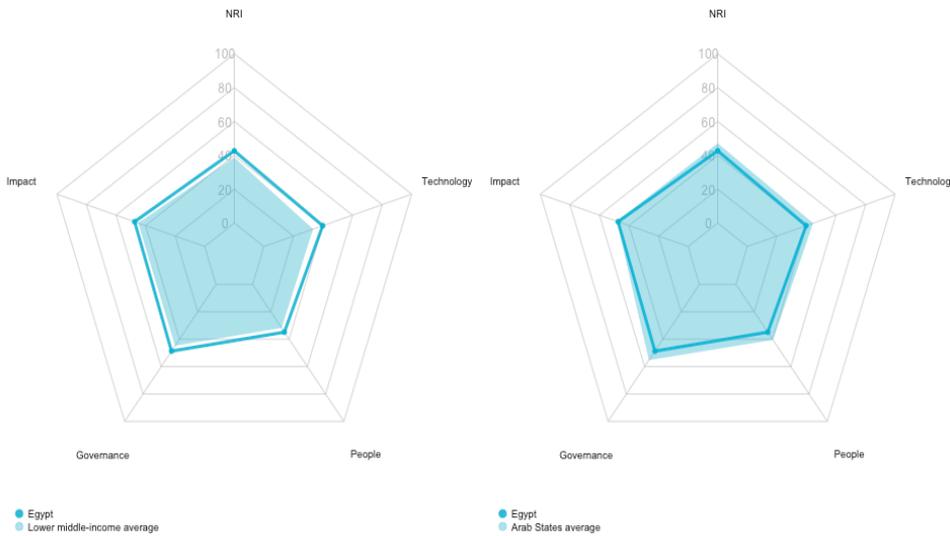
Performance against its income group and region

Lower-middle-income countries
Egypt is ranked 10th in the group of lower-middle-income countries (Figure 4, left panel). In terms of pillar performance, it has a score higher than the income group average in each of the four pillars. At the sub-pillar level, it outperforms lower-middle-income countries in ten of the twelve sub-pillars: Access, Content, Future Technologies, Individuals, Governments, Trust, Regulation, Inclusion, Economy and SDG Contribution.

Arab States
Egypt is ranked 9th within Arab States (Figure 4, right panel). It lags behind its region in each of the four pillars. With regard to sub-pillars, it outperforms the average in Arab States in three of the twelve sub-pillars: Content, Economy and SDG Contribution.

Figure 4: Performance of Egypt against its income group and region, overall and by pillar

Table 2: Egypt scores vs. averages of its income group and region, overall and by pillar

Dimension	Egypt	Lower-middle-income countries	Arab States
NRI	42.70	38.70	47.13
Technology	39.81	33.29	44.56
People	34.84	31.73	40.45
Governance	48.71	44.79	55.27
Impact	47.42	45.00	48.24

NRI 2025 At-A-Glance: Egypt

Network Readiness Index   Rank: 88 (out of 127)   Score: 42.70

Pillar/sub-pillar	Rank	Score	Pillar/sub-pillar	Rank	Score
A. Technology pillar	79	39.81	C. Governance pillar	98	48.71
1st sub-pillar: Access	80	61.72	1st sub-pillar: Trust	83	46.67
2nd sub-pillar: Content	62	25.90	2nd sub-pillar: Regulation	100	49.54
3rd sub-pillar: Future Technologies	74	31.80	3rd sub-pillar: Inclusion	99	49.92
B. People pillar	87	34.84	D. Impact pillar	89	47.42
1st sub-pillar: Individuals	81	46.67	1st sub-pillar: Economy	44	37.94
2nd sub-pillar: Businesses	106	20.37	2nd sub-pillar: Quality of Life	112	43.00
3rd sub-pillar: Governments	72	37.49	3rd sub-pillar: SDG Contribution	74	61.34

The Network Readiness Index in detail

Indicator	Rank	Score		Indicator	Rank	Score	
A. Technology pillar	79	39.81		C. Governance pillar	98	48.71	
1st sub-pillar: Access	80	61.72		1st sub-pillar: Trust	83	46.67	
1.1.1 Mobile tariffs	44	77.00		3.1.1 Secure Internet servers	110	34.51	
1.1.2 Handset prices	104	35.94		3.1.2 Cybersecurity	1	100.00	●
1.1.3 FTTH/building Internet subscriptions	31	45.18	●	3.1.3 Online access to financial account	n/a	n/a	
1.1.4 Population covered by at least a 3G mobile network	43	98.95		3.1.4 Internet shopping	109	5.50	○
1.1.5 International Internet bandwidth	16	82.86	●	2nd sub-pillar: Regulation	100	49.54	
1.1.6 Internet access in schools	73	30.41		3.2.1 Regulatory quality	106	25.58	
2nd sub-pillar: Content	62	25.90		3.2.2 ICT regulatory environment	59	75.62	
1.2.1 GitHub commits	86	3.72		3.2.3 Regulation of emerging technologies	84	31.93	
1.2.2 Internet domain registrations	105	0.49		3.2.4 E-commerce legislation	1	100.00	●
1.2.3 Mobile apps development	80	59.54		3.2.5 Privacy protection by law content	123	14.58	○
1.2.4 AI scientific publications	19	39.84	●	3rd sub-pillar: Inclusion	99	49.92	
3rd sub-pillar: Future Technologies	74	31.80		3.3.1 E-Participation	73	56.52	
1.3.1 Adoption of emerging technologies	61	62.31		3.3.2 Socioeconomic gap in use of digital payments	105	41.42	
1.3.2 Investment in emerging technologies	72	37.00		3.3.3 Gender gap in Internet use	97	34.70	
1.3.3 Robot density	54	0.08	○	3.3.4 Rural gap in use of digital payments	34	67.02	
1.3.4 Computer software spending	31	27.81	●	D. Impact pillar	89	47.42	
B. People pillar	87	34.84		1st sub-pillar: Economy	44	37.94	
1st sub-pillar: Individuals	81	46.67		4.1.1 ICT patent applications	72	0.13	
2.1.1 Mobile broadband internet traffic within the country	36	30.35		4.1.2 Domestic market scale	17	73.27	●
2.1.2 ICT skills in the education system	67	48.56		4.1.3 Technology-Enabled Work Flexibility	30	63.94	●
2.1.3 Use of virtual social networks	99	39.36		4.1.4 ICT services exports	61	14.41	
2.1.4 Adult literacy rate	72	68.39		2nd sub-pillar: Quality of Life	112	43.00	
2.1.5 AI talent concentration	n/a	n/a		4.2.1 Happiness	118	12.44	○
2nd sub-pillar: Businesses	106	20.37		4.2.2 Freedom to make life choices	112	45.44	

Indicator	Rank	Score	
2.2.1 Firms with website	n/a	n/a	
2.2.2 Number of venture capital deals invested in AI	71	3.77	
2.2.3 Annual investment in telecommunication services	33	49.10	●
2.2.4 Public cloud computing market scale	55	8.23	
3rd sub-pillar: Governments	72	37.49	
2.3.1 Government online services	77	63.93	
2.3.2 Data Capabilities	63	27.38	
2.3.3 Government promotion of emerging technologies	48	42.43	
2.3.4 Gross expenditure on R&D	41	16.21	

Indicator	Rank	Score	
4.2.3 Income inequality	15	88.01	●
4.2.4 Healthy life expectancy at birth	95	54.21	
3rd sub-pillar: SDG Contribution	74	61.34	
4.3.1 SDG 3: Good Health and Well-Being	76	77.78	
4.3.2 SDG 4: Quality Education	n/a	n/a	
4.3.3 SDG 5: Women's economic opportunity	121	28.18	○
4.3.4 SDG 7: Affordable and Clean Energy	34	84.71	●
4.3.5 SDG 11: Sustainable Cities and Communities	59	64.45	

NOTE: ● indicates a strength and ○ indicates a weakness.

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