

Network Readiness Index 2025

With support from:



Oman

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.

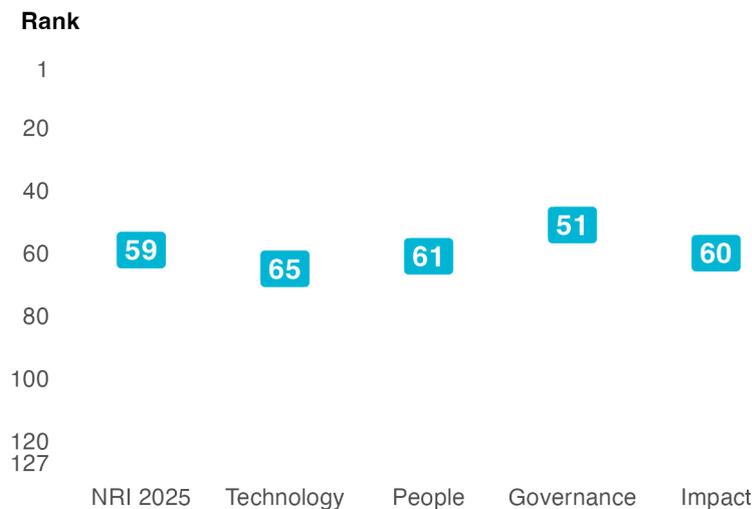
Figure 1: The NRI 2025 model



Global NRI position of Oman

Oman ranks 59 out of the 127 economies included in the NRI 2025 (Figure 2). Its main strength relates to Governance. The greatest scope for improvement, meanwhile, concerns Technology.

Figure 2: Oman global ranking, overall and by pillar



Performance at sub-pillar level

When it comes to sub-pillars, the strongest showings of Oman relate to Inclusion, Individuals and Quality of Life, among others (Table 1). More could be done, though, to improve the economy's performances in the Content, SDG Contribution and Businesses sub-pillars.

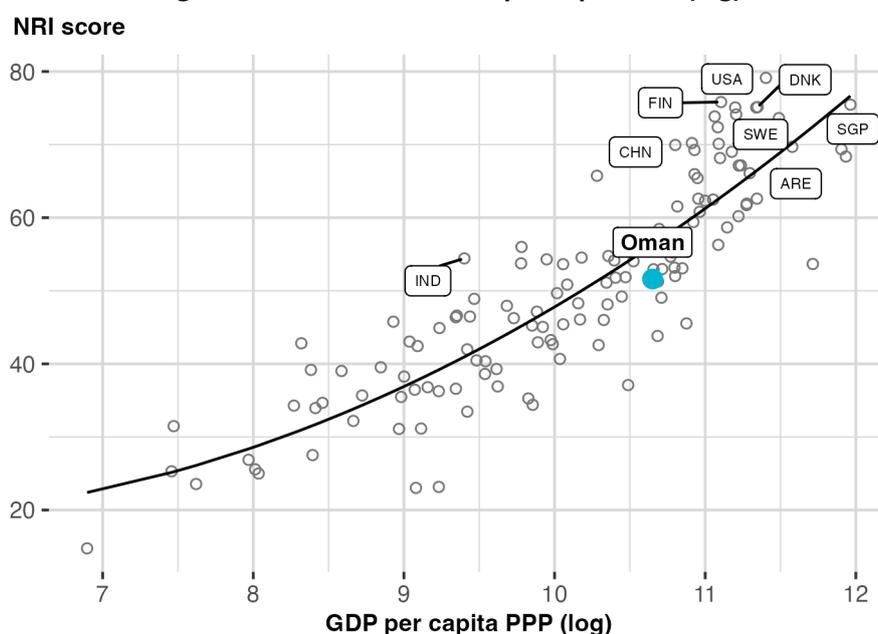
Table 1: Oman rankings by sub-pillar

Sub-pillar	Rank	Sub-pillar	Rank
Inclusion	21	Access	62
Individuals	23	Regulation	63
Quality of Life	36	Trust	65
Economy	40	Content	82
Future Technologies	43	SDG Contribution	107
Governments	58	Businesses	109

NRI score and income

Figure 3 shows the position of Oman 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, Oman 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).

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Performance against its income group and region

High-income countries

Oman is ranked 49th in the group of high-income countries (Figure 4, left panel). In terms of pillar performance, it has a score below the income group average in each of the four pillars. At the sub-pillar level, it outperforms high-income countries in two of the twelve sub-pillars: Individuals and Inclusion.

Arab States

Oman is ranked 5th within Arab States (Figure 4, right panel). It has a score above the regional average in three of the four pillars: People, Governance and Impact. With regard to sub-pillars, it outperforms the average in Arab States in eight of the twelve sub-pillars: Access, Individuals, Governments, Trust, Regulation, Inclusion, Economy and Quality of Life.

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

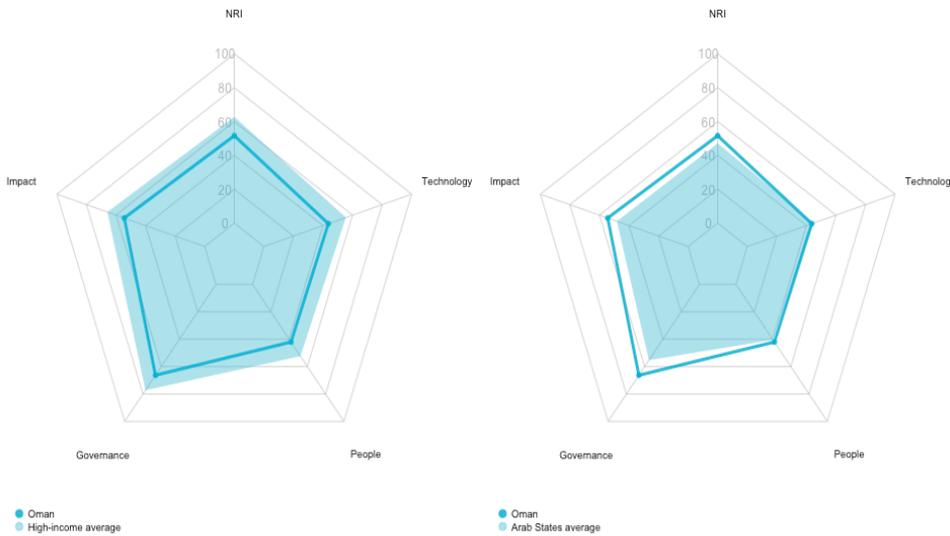


Table 2: Oman scores vs. averages of its income group and region, overall and by pillar

Dimension	Oman	High-income countries	Arab States
NRI	51.61	62.71	47.13
Technology	43.65	55.47	44.56
People	42.05	52.36	40.45
Governance	66.30	77.18	55.27
Impact	54.44	65.84	48.24

NRI 2025 At-A-Glance: Oman

Network Readiness Index

Rank: 59 (out of 127)

Score: 51.61

Pillar/sub-pillar	Rank	Score	Pillar/sub-pillar	Rank	Score
A. Technology pillar	65	43.65	C. Governance pillar	51	66.30
1st sub-pillar: Access	62	70.15	1st sub-pillar: Trust	65	55.50
2nd sub-pillar: Content	82	19.86	2nd sub-pillar: Regulation	63	62.81
3rd sub-pillar: Future Technologies	43	40.95	3rd sub-pillar: Inclusion	21	80.59
B. People pillar	61	42.05	D. Impact pillar	60	54.44
1st sub-pillar: Individuals	23	62.13	1st sub-pillar: Economy	40	39.46
2nd sub-pillar: Businesses	109	19.52	2nd sub-pillar: Quality of Life	36	74.77
3rd sub-pillar: Governments	58	44.51	3rd sub-pillar: SDG Contribution	107	49.09

The Network Readiness Index in detail

Indicator	Rank	Score	Indicator	Rank	Score
A. Technology pillar	65	43.65	C. Governance pillar	51	66.30
1st sub-pillar: Access	62	70.15	1st sub-pillar: Trust	65	55.50
1.1.1 Mobile tariffs	75	61.50	3.1.1 Secure Internet servers	95	45.30
1.1.2 Handset prices	60	66.19	3.1.2 Cybersecurity	38	96.40
1.1.3 FTTH/building Internet subscriptions	91	20.22	3.1.3 Online access to financial account	n/a	n/a
1.1.4 Population covered by at least a 3G mobile network	1	100.00	3.1.4 Internet shopping	63	24.79
1.1.5 International Internet bandwidth	55	72.99	2nd sub-pillar: Regulation	63	62.81
1.1.6 Internet access in schools	1	100.00	3.2.1 Regulatory quality	49	53.10
2nd sub-pillar: Content	82	19.86	3.2.2 ICT regulatory environment	41	81.25
1.2.1 GitHub commits	93	3.02	3.2.3 Regulation of emerging technologies	47	55.59
1.2.2 Internet domain registrations	94	1.07	3.2.4 E-commerce legislation	1	100.00
1.2.3 Mobile apps development	43	69.57	3.2.5 Privacy protection by law content	116	24.12
1.2.4 AI scientific publications	63	5.79	3rd sub-pillar: Inclusion	21	80.59
3rd sub-pillar: Future Technologies	43	40.95	3.3.1 E-Participation	61	63.76
1.3.1 Adoption of emerging technologies	41	69.97	3.3.2 Socioeconomic gap in use of digital payments	39	85.22
1.3.2 Investment in emerging technologies	42	50.00	3.3.3 Gender gap in Internet use	7	73.38
1.3.3 Robot density	n/a	n/a	3.3.4 Rural gap in use of digital payments	1	100.00
1.3.4 Computer software spending	110	2.88	D. Impact pillar	60	54.44
B. People pillar	61	42.05	1st sub-pillar: Economy	40	39.46
1st sub-pillar: Individuals	23	62.13	4.1.1 ICT patent applications	n/a	n/a
2.1.1 Mobile broadband internet traffic within the country	85	6.80	4.1.2 Domestic market scale	73	51.15
2.1.2 ICT skills in the education system	23	74.53	4.1.3 Technology-Enabled Work Flexibility	29	63.95
2.1.3 Use of virtual social networks	59	71.79	4.1.4 ICT services exports	104	3.28
2.1.4 Adult literacy rate	34	95.38	2nd sub-pillar: Quality of Life	36	74.77
2.1.5 AI talent concentration	n/a	n/a	4.2.1 Happiness	50	65.62
2nd sub-pillar: Businesses	109	19.52	4.2.2 Freedom to make life choices	18	89.32

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Indicator	Rank	Score	
2.2.1 Firms with website	n/a	n/a	
2.2.2 Number of venture capital deals invested in AI	45	10.77	
2.2.3 Annual investment in telecommunication services	52	45.08	
2.2.4 Public cloud computing market scale	73	2.71	
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3rd sub-pillar: Governments	58	44.51	
2.3.1 Government online services	48	76.87	
2.3.2 Data Capabilities	81	14.98	○
2.3.3 Government promotion of emerging technologies	9	80.47	●
2.3.4 Gross expenditure on R&D	67	5.71	

Indicator	Rank	Score	
4.2.3 Income inequality	n/a	n/a	
4.2.4 Healthy life expectancy at birth	74	63.96	
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3rd sub-pillar: SDG Contribution	107	49.09	
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	124	21.82	○
4.3.4 SDG 7: Affordable and Clean Energy	115	43.92	○
4.3.5 SDG 11: Sustainable Cities and Communities	27	85.31	●

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

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