

# Network Readiness Index 2025

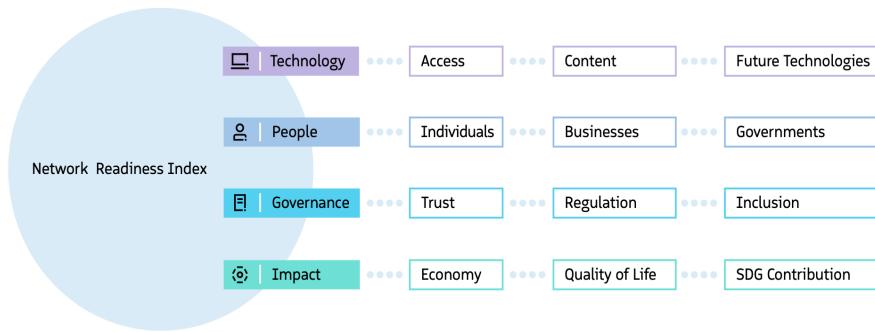
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## Ukraine

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.

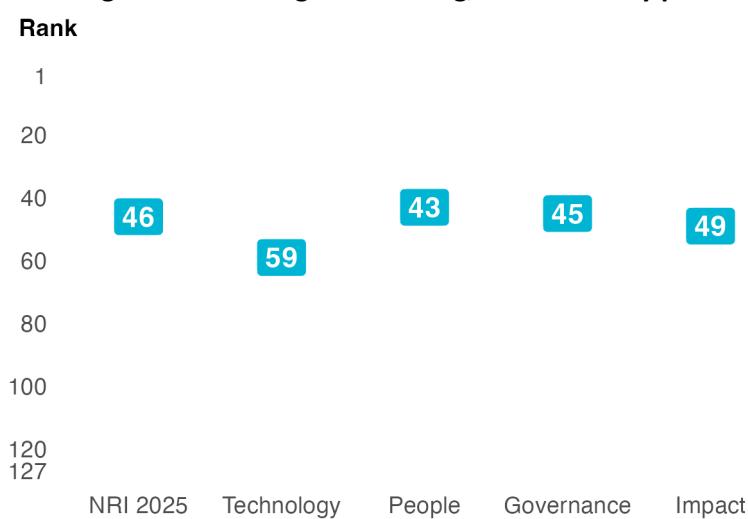
Figure 1: The NRI 2025 model



### Global NRI position of Ukraine

Ukraine ranks 46 out of the 127 economies included in the NRI 2025 (Figure 2). Its main strength relates to People. The greatest scope for improvement, meanwhile, concerns Technology.

Figure 2: Ukraine global ranking, overall and by pillar



## Performance at sub-pillar level

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

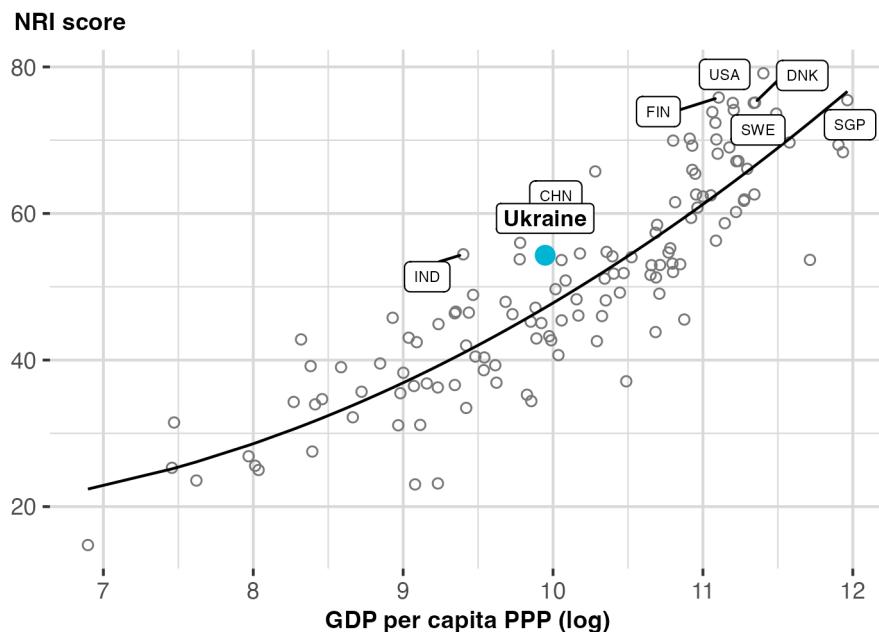
**Table 1: Ukraine rankings by sub-pillar**

Sub-pillar	Rank	Sub-pillar	Rank
Individuals	12	Access	63
Economy	19	Future Technologies	63
Inclusion	26	Regulation	74
Governments	39	SDG Contribution	78
Trust	48	Quality of Life	91
Content	49	Businesses	93

## NRI score and income

Figure 3 shows the position of Ukraine 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, Ukraine is well above the trend line, which suggests that it has a greater network readiness than would be expected given 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

### Upper-middle-income countries

Ukraine is ranked 4th in the group of upper-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 upper-middle-income countries in eight of the twelve sub-pillars: Access, Content, Future Technologies, Individuals, Governments, Trust, Inclusion and Economy.

### Europe

Ukraine is ranked 29th within Europe (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 Europe in three of the twelve sub-pillars: Individuals, Inclusion and Economy.

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



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

Dimension	Ukraine	Upper-middle-income countries	Europe
NRI	54.30	47.32	61.14
Technology	44.85	39.95	53.04
People	46.66	40.75	50.07
Governance	69.68	57.29	76.41
Impact	56.01	51.31	65.05

# NRI 2025 At-A-Glance: Ukraine

## Network Readiness Index

Rank: 46 (out of 127)

Score: 54.30

Pillar/sub-pillar	Rank	Score	Pillar/sub-pillar	Rank	Score
A. Technology pillar	59	44.85	C. Governance pillar	45	69.68
1st sub-pillar: Access	63	68.81	1st sub-pillar: Trust	48	71.34
2nd sub-pillar: Content	49	31.13	2nd sub-pillar: Regulation	74	58.42
3rd sub-pillar: Future Technologies	63	34.61	3rd sub-pillar: Inclusion	26	79.28
B. People pillar	43	46.66	D. Impact pillar	49	56.01
1st sub-pillar: Individuals	12	68.72	1st sub-pillar: Economy	19	51.93
2nd sub-pillar: Businesses	93	23.07	2nd sub-pillar: Quality of Life	91	55.51
3rd sub-pillar: Governments	39	48.20	3rd sub-pillar: SDG Contribution	78	60.60

## The Network Readiness Index in detail

Indicator	Rank	Score	Indicator	Rank	Score
A. Technology pillar	59	44.85	C. Governance pillar	45	69.68
1st sub-pillar: Access	63	68.81	1st sub-pillar: Trust	48	71.34
1.1.1 Mobile tariffs	50	74.78	3.1.1 Secure Internet servers	46	74.13
1.1.2 Handset prices	82	52.36	3.1.2 Cybersecurity	75	80.70
1.1.3 FTTH/building Internet subscriptions	12	59.04	3.1.3 Online access to financial account	n/a	n/a
1.1.4 Population covered by at least a 3G mobile network	109	52.63	3.1.4 Internet shopping	36	59.19
1.1.5 International Internet bandwidth	45	75.02	2nd sub-pillar: Regulation	74	58.42
1.1.6 Internet access in schools	37	98.99	3.2.1 Regulatory quality	85	35.56
2nd sub-pillar: Content	49	31.13	3.2.2 ICT regulatory environment	80	61.25
1.2.1 GitHub commits	42	20.10	3.2.3 Regulation of emerging technologies	80	33.99
1.2.2 Internet domain registrations	57	5.43	3.2.4 E-commerce legislation	1	100.00
1.2.3 Mobile apps development	18	74.51	3.2.5 Privacy protection by law content	68	61.30
1.2.4 AI scientific publications	34	24.47	3rd sub-pillar: Inclusion	26	79.28
3rd sub-pillar: Future Technologies	63	34.61	3.3.1 E-Participation	1	100.00
1.3.1 Adoption of emerging technologies	52	65.04	3.3.2 Socioeconomic gap in use of digital payments	57	76.85
1.3.2 Investment in emerging technologies	61	40.50	3.3.3 Gender gap in Internet use	83	56.08
1.3.3 Robot density	55	0.08	3.3.4 Rural gap in use of digital payments	7	84.19
1.3.4 Computer software spending	25	32.80	D. Impact pillar	49	56.01
B. People pillar	43	46.66	1st sub-pillar: Economy	19	51.93
1st sub-pillar: Individuals	12	68.72	4.1.1 ICT patent applications	47	1.92
2.1.1 Mobile broadband internet traffic within the country	n/a	n/a	4.1.2 Domestic market scale	44	61.58
2.1.2 ICT skills in the education system	25	73.69	4.1.3 Technology-Enabled Work Flexibility	22	70.58
2.1.3 Use of virtual social networks	71	63.74	4.1.4 ICT services exports	5	73.66
2.1.4 Adult literacy rate	n/a	n/a	2nd sub-pillar: Quality of Life	91	55.51
2.1.5 AI talent concentration	n/a	n/a	4.2.1 Happiness	100	31.72
2nd sub-pillar: Businesses	93	23.07	4.2.2 Freedom to make life choices	92	57.94

# Network Readiness Index 2025

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Indicator	Rank	Score	Indicator	Rank	Score
2.2.1 Firms with website	n/a	n/a	4.2.3 Income inequality	4	95.41
2.2.2 Number of venture capital deals invested in AI	59	7.18	4.2.4 Healthy life expectancy at birth	85	58.31
2.2.3 Annual investment in telecommunication services	53	44.79	3rd sub-pillar: SDG Contribution	78	60.60
2.2.4 Public cloud computing market scale	44	17.26	4.3.1 SDG 3: Good Health and Well-Being	53	91.11
3rd sub-pillar: Governments	39	48.20	4.3.2 SDG 4: Quality Education	42	42.25
2.3.1 Government online services	5	98.24	4.3.3 SDG 5: Women's economic opportunity	62	78.18
2.3.2 Data Capabilities	23	55.39	4.3.4 SDG 7: Affordable and Clean Energy	101	57.59
2.3.3 Government promotion of emerging technologies	71	34.08	4.3.5 SDG 11: Sustainable Cities and Communities	102	37.63
2.3.4 Gross expenditure on R&D	70	5.06			

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

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