

Network Readiness Index 2025

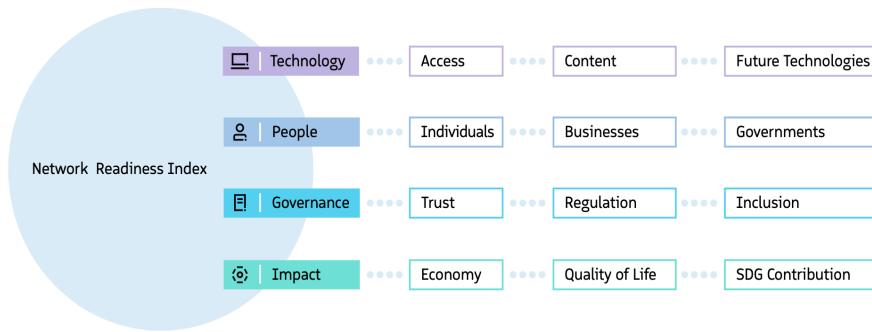
With support from:

aws CNI

Russian Federation

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 Russian Federation

Russian Federation ranks 56 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 Impact.

Figure 2: Russian Federation global ranking, overall and by pillar

Rank

1

20

32

40

60

56

62

63

80

79

100

120

127

NRI 2025

Technology

People

Governance

Impact

Performance at sub-pillar level

When it comes to sub-pillars, the strongest showings of Russian Federation relate to Individuals, Access and Trust, among others (Table 1). More could be done, though, to improve the economy's performances in the SDG Contribution, Future Technologies and Regulation sub-pillars.

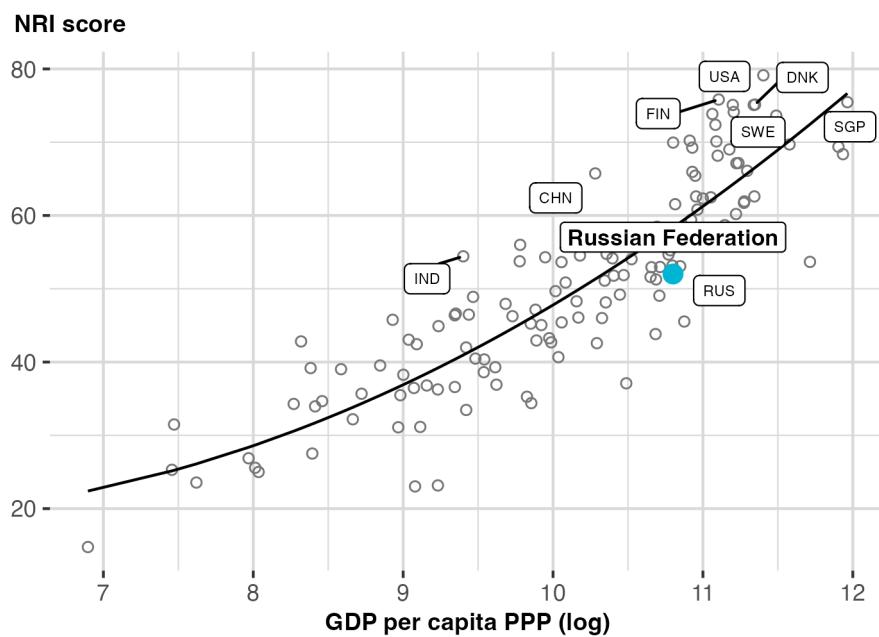
Table 1: Russian Federation rankings by sub-pillar

Sub-pillar	Rank	Sub-pillar	Rank
Individuals	2	Economy	70
Access	25	Businesses	73
Trust	41	Quality of Life	76
Inclusion	47	SDG Contribution	77
Governments	50	Future Technologies	100
Content	51	Regulation	117

NRI score and income

Figure 3 shows the position of Russian Federation 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, Russian Federation 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

Russian Federation is ranked 47th 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: Access and Individuals.

CIS

Russian Federation is ranked 1st within CIS (Figure 4, right panel). It has a score above the regional average in three of the four pillars: Technology, People and Governance. With regard to sub-pillars, it outperforms the average in CIS in seven of the twelve sub-pillars: Access, Content, Individuals, Businesses, Governments, Trust and Inclusion.

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



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

Dimension	Russian Federation	High-income countries	CIS
NRI	52.01	62.71	47.82
Technology	43.94	55.47	40.20
People	51.76	52.36	40.18
Governance	61.26	77.18	57.07
Impact	51.09	65.84	53.83

NRI 2025 At-A-Glance: Russian Federation

Network Readiness Index

Rank: 56 (out of 127)

Score: 52.01

Pillar/sub-pillar	Rank	Score	Pillar/sub-pillar	Rank	Score
A. Technology pillar	62	43.94	C. Governance pillar	63	61.26
1st sub-pillar: Access	25	78.65	1st sub-pillar: Trust	41	75.11
2nd sub-pillar: Content	51	29.60	2nd sub-pillar: Regulation	117	36.28
3rd sub-pillar: Future Technologies	100	23.57	3rd sub-pillar: Inclusion	47	72.40
B. People pillar	32	51.76	D. Impact pillar	79	51.09
1st sub-pillar: Individuals	2	80.89	1st sub-pillar: Economy	70	30.62
2nd sub-pillar: Businesses	73	28.51	2nd sub-pillar: Quality of Life	76	62.00
3rd sub-pillar: Governments	50	45.88	3rd sub-pillar: SDG Contribution	77	60.66

The Network Readiness Index in detail

Indicator	Rank	Score	Indicator	Rank	Score
A. Technology pillar	62	43.94	C. Governance pillar	63	61.26
1st sub-pillar: Access	25	78.65	1st sub-pillar: Trust	41	75.11
1.1.1 Mobile tariffs	31	82.96	3.1.1 Secure Internet servers	36	81.92
1.1.2 Handset prices	49	78.05	3.1.2 Cybersecurity	58	90.54
1.1.3 FTTH/building Internet subscriptions	9	65.63	3.1.3 Online access to financial account	n/a	n/a
1.1.4 Population covered by at least a 3G mobile network	91	84.21	3.1.4 Internet shopping	44	52.88
1.1.5 International Internet bandwidth	17	82.41	2nd sub-pillar: Regulation	117	36.28
1.1.6 Internet access in schools	n/a	n/a	3.2.1 Regulatory quality	124	14.15
2nd sub-pillar: Content	51	29.60	3.2.2 ICT regulatory environment	121	22.19
1.2.1 GitHub commits	52	12.74	3.2.3 Regulation of emerging technologies	52	49.62
1.2.2 Internet domain registrations	42	11.21	3.2.4 E-commerce legislation	72	75.00
1.2.3 Mobile apps development	41	69.81	3.2.5 Privacy protection by law content	121	20.43
1.2.4 AI scientific publications	33	24.64	3rd sub-pillar: Inclusion	47	72.40
3rd sub-pillar: Future Technologies	100	23.57	3.3.1 E-Participation	65	62.31
1.3.1 Adoption of emerging technologies	n/a	n/a	3.3.2 Socioeconomic gap in use of digital payments	35	87.59
1.3.2 Investment in emerging technologies	47	48.75	3.3.3 Gender gap in Internet use	39	67.29
1.3.3 Robot density	49	0.92	3.3.4 Rural gap in use of digital payments	n/a	n/a
1.3.4 Computer software spending	49	21.03	D. Impact pillar	79	51.09
B. People pillar	32	51.76	1st sub-pillar: Economy	70	30.62
1st sub-pillar: Individuals	2	80.89	4.1.1 ICT patent applications	43	2.82
2.1.1 Mobile broadband internet traffic within the country	4	66.16	4.1.2 Domestic market scale	4	84.03
2.1.2 ICT skills in the education system	n/a	n/a	4.1.3 Technology-Enabled Work Flexibility	n/a	n/a
2.1.3 Use of virtual social networks	44	76.52	4.1.4 ICT services exports	94	5.01
2.1.4 Adult literacy rate	1	100.00	2nd sub-pillar: Quality of Life	76	62.00
2.1.5 AI talent concentration	n/a	n/a	4.2.1 Happiness	64	59.99
2nd sub-pillar: Businesses	73	28.51	4.2.2 Freedom to make life choices	87	59.64

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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	41	76.53
2.2.2 Number of venture capital deals invested in AI	92	0.00	4.2.4 Healthy life expectancy at birth	89	56.20
2.2.3 Annual investment in telecommunication services	15	60.41	3rd sub-pillar: SDG Contribution	77	60.66
2.2.4 Public cloud computing market scale	32	25.13	4.3.1 SDG 3: Good Health and Well-Being	42	97.78
3rd sub-pillar: Governments	50	45.88	4.3.2 SDG 4: Quality Education	24	59.56
2.3.1 Government online services	56	73.12	4.3.3 SDG 5: Women's economic opportunity	105	60.91
2.3.2 Data Capabilities	30	50.00	4.3.4 SDG 7: Affordable and Clean Energy	112	45.10
2.3.3 Government promotion of emerging technologies	n/a	n/a	4.3.5 SDG 11: Sustainable Cities and Communities	73	56.35
2.3.4 Gross expenditure on R&D	43	14.51			

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

Sources

Escalona Reynoso, R., & Lanvin, B. (eds.) (2025). The Network Readiness Index 2025: AI Governance in a Global Context: Policy and Regulatory Approaches. Washington DC, USA.

Dutta, S., & Lanvin, B. (eds.) (2024). The Network Readiness Index 2024. Oxford, UK; Washington DC, USA.

Dutta, S., & Lanvin, B. (eds.) (2023). The Network Readiness Index 2023: Trust in Network Society: A Crisis of the Digital Age. Oxford, UK; Washington DC, USA.

Dutta, S., & Lanvin, B. (eds.) (2022). The Network Readiness Index 2022: Benchmarking the Future of the Network Economy. Washington DC: Portulans Institute.

Berry, B. (2019). *berryFunctions*: Function Collection Related to Plotting and Hydrology. R package version 1.18.2. URL: <https://CRAN.R-project.org/package=berryFunctions>

Dutta, S., & Lanvin, B. (eds.) (2019). The Network Readiness Index 2019: Towards a Future-Ready Society. Washington DC: Portulans Institute.

Dutta, S., & Lanvin, B. (eds.) (2020). The Network Readiness Index 2020: Fostering Digital Transformation in a post-COVID Global Economy. Washington DC: Portulans Institute.

Dutta, S., & Lanvin, B. (eds.) (2021). The Network Readiness Index 2021: Shaping the Global Recovery. How digital technologies can make the post-COVID world more equal. Washington DC: Portulans Institute.

Gohel, D. (2019). *officer*: Manipulation of Microsoft Word and PowerPoint Documents. R package version 0.3.6. URL: <https://CRAN.R-project.org/package=officer>

Gohel, D. (2019). *flextable*: Functions for Tabular Reporting. R package version 0.5.6. URL: <https://CRAN.R-project.org/package=flextable>

Milton Bache, S. & Wickham, H. (2014). *magrittr*: A Forward-Pipe Operator for R. R package version 1.5. URL: <https://CRAN.R-project.org/package=magrittr>

Nakazawa, M. (2019). *fmsb*: Functions for Medical Statistics Book with some Demographic Data. R package version 0.7.0. URL: <https://CRAN.R-project.org/package=fmsb>

R Core Team (2018). R: A language and environment for statistical computing. R Foundation for Statistical Computing, Vienna, Austria. URL: <https://www.R-project.org/>.

Slowikowski, K. (2019). *ggrepel*: Automatically Position Non-Overlapping Text Labels with 'ggplot2'. R package version 0.8.1. URL: <https://CRAN.R-project.org/package=ggrepel>

Wickham, H. (2007). Reshaping Data with the reshape Package. *Journal of Statistical Software*, 21(12), 1–20. URL: <http://www.jstatsoft.org/v21/i12/>.

Wickham, H. (2016). *ggplot2*: Elegant Graphics for Data Analysis. Springer-Verlag, New York.

Wickham et al. (2019). Welcome to the tidyverse. *Journal of Open Source Software*, 4(43), 1686. URL: <https://doi.org/10.21105/joss.01686>