Network Readiness Index 2025

Mali

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

Network Readiness Index			
Technology	Access	Content	Future Technologies
People	Individuals	Businesses	Governments
Governance	Trust	Regulation	Inclusion
Impact	Economy	Quality of Life	SDG Contribution

Global NRI position of Mali

Mali ranks 120 out of the 127 economies included in the NRI 2025 (Figure 2). Its main strength relates to Impact. The greatest scope for improvement, meanwhile, concerns People.

Figure 2: Mali global ranking, overall and by pillar

Rank

NRI 2025	120
Technology	121
People	123
Governance	120
Impact	105
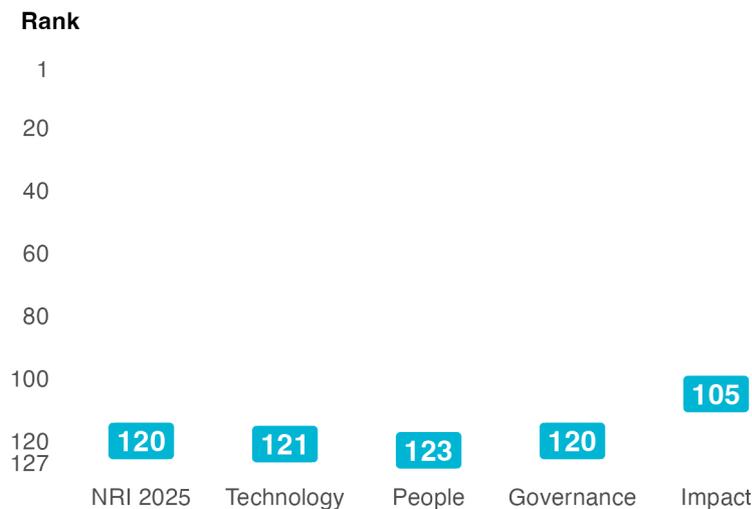
Performance at sub-pillar level

When it comes to sub-pillars, the strongest showings of Mali relate to Economy, Future Technologies and Quality of Life, among others (Table 1). More could be done, though, to improve the economy's performances in the Trust, Individuals and Content sub-pillars.

Table 1: Mali rankings by sub-pillar

Sub-pillar	Rank	Sub-pillar	Rank
Economy	56	SDG Contribution	118
Future Technologies	88	Access	125
Quality of Life	102	Businesses	125
Inclusion	103	Trust	125
Governments	111	Individuals	126
Regulation	118	Content	127

NRI score and income

Figure 3 shows the position of Mali 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, Mali is slightly below the trend line, which suggests that its network readiness is more or less in line with what would be expected given its income level.

Figure 3: NRI score and GDP per capita PPP (log)
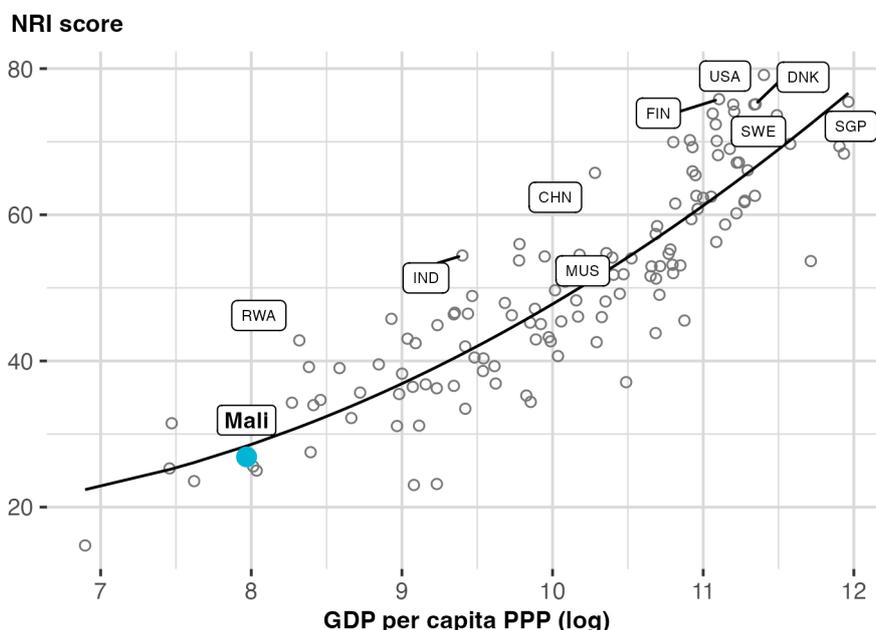
Note: USA = United States of America (rank: 1), FIN =Finland (rank: 2), SGP = Singapore (3), DNK =Denmark (4), SWE = Sweden (5), CHN =China (24), and IND = India (45).

Performance against its income group and region

Low-income countries
Mali is ranked 5th in the group of low-income countries (Figure 4, left panel). In terms of pillar performance, it has a score higher than the income group average in one of the four pillars: Impact. At the sub-pillar level, it outperforms low-income countries in five of the twelve sub-pillars: Future Technologies, Governments, Inclusion, Economy and Quality of Life.

Africa
Mali is ranked 20th within Africa (Figure 4, right panel). It has a score above the regional average in one of the four pillars: Impact. With regard to sub-pillars, it outperforms the average in Africa in four of the twelve sub-pillars: Future Technologies, Inclusion, Economy and Quality of Life.

Figure 4: Performance of Mali against its income group and region, overall and by pillar
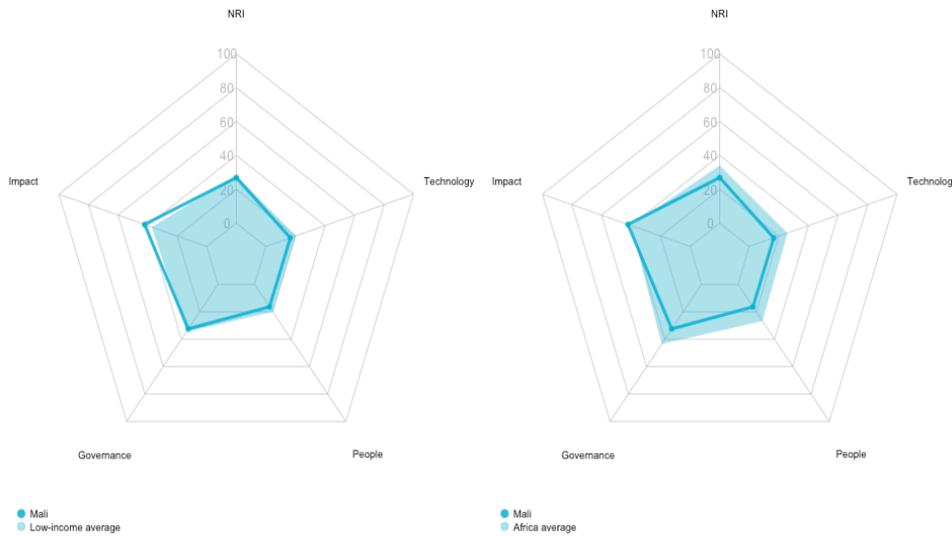
Table 2: Mali scores vs. averages of its income group and region, overall and by pillar

Dimension	Mali	Low-income countries	Africa
NRI	26.87	28.02	34.00
Technology	16.56	20.32	25.85
People	16.38	19.98	26.78
Governance	32.48	34.60	43.45
Impact	42.08	37.17	39.92

NRI 2025 At-A-Glance: Mali

| Network Readiness Index | Rank: 120 (out of 127) | Score: 26.87 |

Pillar/sub-pillar	Rank	Score	Pillar/sub-pillar	Rank	Score
A. Technology pillar	121	16.56	C. Governance pillar	120	32.48
1st sub-pillar: Access	125	21.08	1st sub-pillar: Trust	125	14.22
2nd sub-pillar: Content	127	0.14	2nd sub-pillar: Regulation	118	35.54
3rd sub-pillar: Future Technologies	88	28.45	3rd sub-pillar: Inclusion	103	47.67
B. People pillar	123	16.38	D. Impact pillar	105	42.08
1st sub-pillar: Individuals	126	14.76	1st sub-pillar: Economy	56	34.60
2nd sub-pillar: Businesses	125	12.20	2nd sub-pillar: Quality of Life	102	47.51
3rd sub-pillar: Governments	111	22.18	3rd sub-pillar: SDG Contribution	118	44.14

The Network Readiness Index in detail

Indicator	Rank	Score		Indicator	Rank	Score	
A. Technology pillar	121	16.56		C. Governance pillar	120	32.48	
1st sub-pillar: Access	125	21.08		1st sub-pillar: Trust	125	14.22	
1.1.1 Mobile tariffs	121	21.05		3.1.1 Secure Internet servers	125	19.60	○
1.1.2 Handset prices	120	25.30		3.1.2 Cybersecurity	123	15.26	
1.1.3 FTTH/building Internet subscriptions	100	16.75		3.1.3 Online access to financial account	n/a	n/a	
1.1.4 Population covered by at least a 3G mobile network	121	0.00	○	3.1.4 Internet shopping	98	7.79	
1.1.5 International Internet bandwidth	109	61.94		2nd sub-pillar: Regulation	118	35.54	
1.1.6 Internet access in schools	85	1.45		3.2.1 Regulatory quality	107	25.22	
2nd sub-pillar: Content	127	0.14		3.2.2 ICT regulatory environment	113	38.12	
1.2.1 GitHub commits	125	0.00	○	3.2.3 Regulation of emerging technologies	94	24.69	
1.2.2 Internet domain registrations	118	0.17		3.2.4 E-commerce legislation	107	50.00	
1.2.3 Mobile apps development	n/a	n/a		3.2.5 Privacy protection by law content	102	39.67	
1.2.4 AI scientific publications	113	0.24		3rd sub-pillar: Inclusion	103	47.67	
3rd sub-pillar: Future Technologies	88	28.45		3.3.1 E-Participation	112	23.19	
1.3.1 Adoption of emerging technologies	78	50.30		3.3.2 Socioeconomic gap in use of digital payments	84	56.21	●
1.3.2 Investment in emerging technologies	86	33.25	●	3.3.3 Gender gap in Internet use	n/a	n/a	
1.3.3 Robot density	n/a	n/a		3.3.4 Rural gap in use of digital payments	42	63.61	●
1.3.4 Computer software spending	115	1.81		D. Impact pillar	105	42.08	
B. People pillar	123	16.38		1st sub-pillar: Economy	56	34.60	
1st sub-pillar: Individuals	126	14.76		4.1.1 ICT patent applications	n/a	n/a	
2.1.1 Mobile broadband internet traffic within the country	123	0.27	○	4.1.2 Domestic market scale	102	39.49	
2.1.2 ICT skills in the education system	57	54.96	●	4.1.3 Technology-Enabled Work Flexibility	58	42.95	●
2.1.3 Use of virtual social networks	122	3.80		4.1.4 ICT services exports	48	21.37	●
2.1.4 Adult literacy rate	96	0.00	○	2nd sub-pillar: Quality of Life	102	47.51	
2.1.5 AI talent concentration	n/a	n/a		4.2.1 Happiness	109	24.24	
2nd sub-pillar: Businesses	125	12.20		4.2.2 Freedom to make life choices	69	68.10	●

Indicator	Rank	Score	
2.2.1 Firms with website	109	0.00	○
2.2.2 Number of venture capital deals invested in AI	n/a	n/a	
2.2.3 Annual investment in telecommunication services	84	36.11	●
2.2.4 Public cloud computing market scale	106	0.51	
3rd sub-pillar: Governments	111	22.18	
2.3.1 Government online services	121	19.80	
2.3.2 Data Capabilities	n/a	n/a	
2.3.3 Government promotion of emerging technologies	45	44.07	●
2.3.4 Gross expenditure on R&D	86	2.66	

Indicator	Rank	Score	
4.2.3 Income inequality	62	69.64	●
4.2.4 Healthy life expectancy at birth	119	30.75	
3rd sub-pillar: SDG Contribution	118	44.14	
4.3.1 SDG 3: Good Health and Well-Being	118	13.33	
4.3.2 SDG 4: Quality Education	n/a	n/a	
4.3.3 SDG 5: Women's economic opportunity	114	47.27	
4.3.4 SDG 7: Affordable and Clean Energy	96	62.43	
4.3.5 SDG 11: Sustainable Cities and Communities	109	32.09	

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