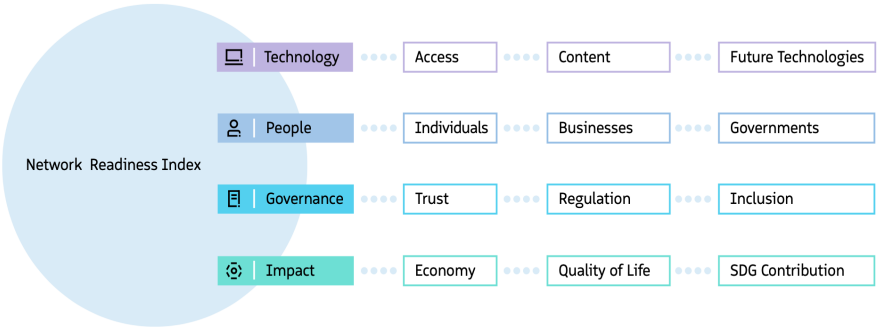
Uruguay

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.

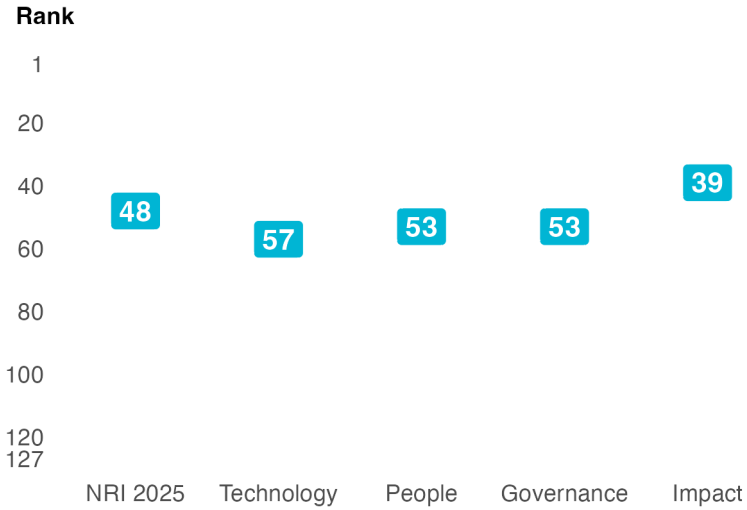
Figure 1: The NRI 2025 model



Global NRI position of Uruguay

Uruguay ranks 48 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 Technology.

Figure 2: Uruguay global ranking, overall and by pillar



Performance at sub-pillar level

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

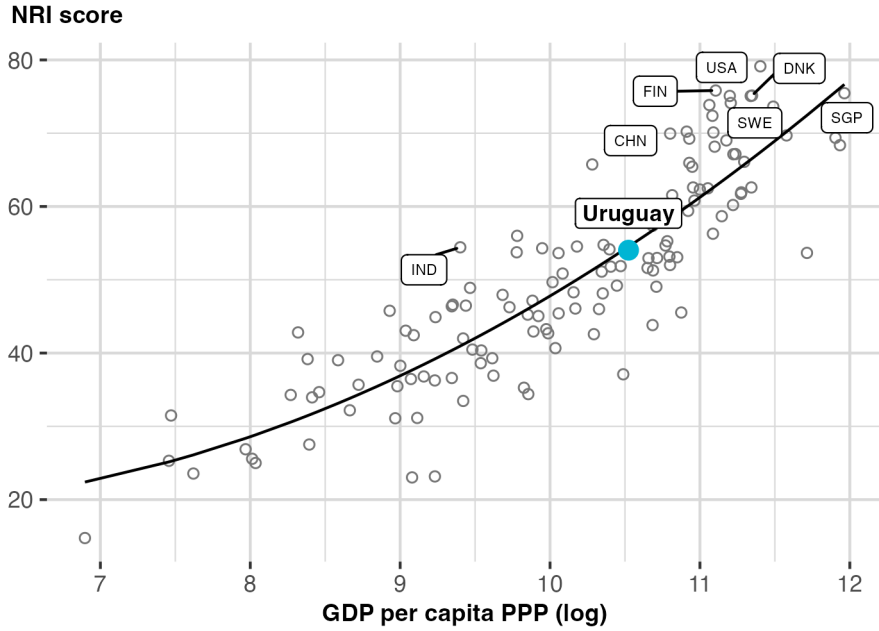
Table 1: Uruguay rankings by sub-pillar

Sub-pillar	Rank	Sub-pillar	Rank
Quality of Life	31	Economy	55
Governments	36	Future Technologies	56
Regulation	36	Businesses	59
SDG Contribution	45	Content	63
Access	47	Individuals	69
Trust	54	Inclusion	76

NRI score and income

Figure 3 shows the position of Uruguay 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, Uruguay 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

High-income countries

Uruguay is ranked 41st 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 one of the twelve sub-pillars: Quality of Life.

The Americas

Uruguay is ranked 4th within The Americas (Figure 4, right panel). It outperforms its region in each of the four pillars. With regard to sub-pillars, it outperforms the average in The Americas in eleven of the twelve sub-pillars: Access, Content, Future Technologies, Individuals, Governments, Trust, Regulation, Inclusion, Economy, Quality of Life and SDG Contribution.

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

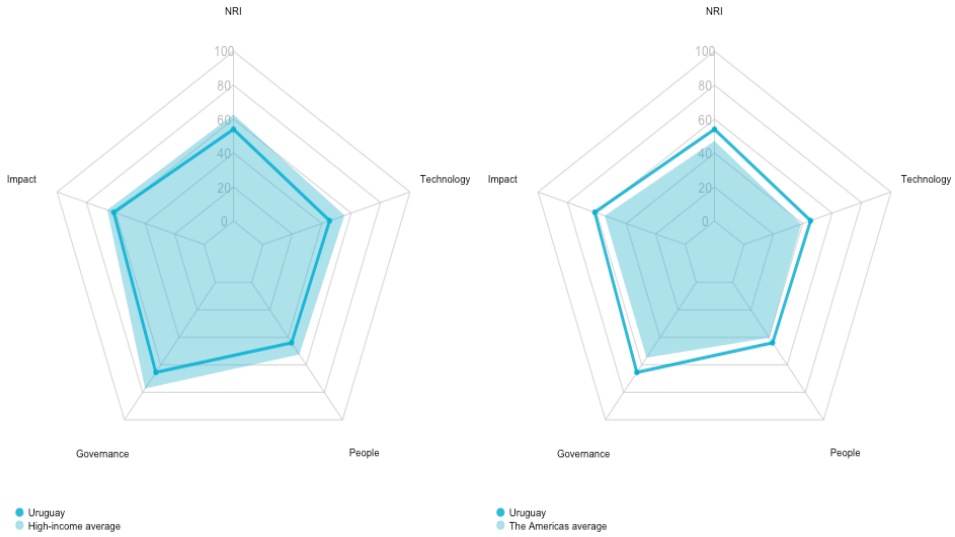


Table 2: Uruguay scores vs. averages of its income group and region, overall and by pillar

Dimension	Uruguay	High-income countries	The Americas
NRI	54.04	62.71	47.15
Technology	45.36	55.47	38.91
People	43.90	52.36	40.23
Governance	65.45	77.18	54.75
Impact	61.44	65.84	54.70

NRI 2025 At-A-Glance: Uruguay

Network Readiness Index Rank: 48 (out of 127) Score: 54.04

Pillar/sub-pillar	Rank	Score
A. Technology pillar	57	45.36
1st sub-pillar: Access	47	74.04
2nd sub-pillar: Content	63	25.19
3rd sub-pillar: Future Technologies	56	36.85
B. People pillar	53	43.90
1st sub-pillar: Individuals	69	50.24
2nd sub-pillar: Businesses	59	31.94
3rd sub-pillar: Governments	36	49.53

Pillar/sub-pillar	Rank	Score
C. Governance pillar	53	65.45
1st sub-pillar: Trust	54	65.89
2nd sub-pillar: Regulation	36	71.81
3rd sub-pillar: Inclusion	76	58.65
D. Impact pillar	39	61.44
1st sub-pillar: Economy	55	35.22
2nd sub-pillar: Quality of Life	31	75.83
3rd sub-pillar: SDG Contribution	45	73.26

The Network Readiness Index in detail

Indicator	Rank	Score	
A. Technology pillar	57	45.36	
1st sub-pillar: Access	47	74.04	
1.1.1 Mobile tariffs	37	79.28	
1.1.2 Handset prices	29	90.39	
1.1.3 FTTH/building Internet subscriptions	57	34.13	
1.1.4 Population covered by at least a 3G mobile network	98	75.79	
1.1.5 International Internet bandwidth	103	64.65	○
1.1.6 Internet access in schools	1	100.00	●
2nd sub-pillar: Content	63	25.19	
1.2.1 GitHub commits	45	18.34	
1.2.2 Internet domain registrations	43	10.77	
1.2.3 Mobile apps development	30	71.12	
1.2.4 AI scientific publications	107	0.52	○
3rd sub-pillar: Future Technologies	56	36.85	
1.3.1 Adoption of emerging technologies	48	65.74	
1.3.2 Investment in emerging technologies	102	27.00	○
1.3.3 Robot density	n/a	n/a	
1.3.4 Computer software spending	62	17.82	
B. People pillar	53	43.90	
1st sub-pillar: Individuals	69	50.24	
2.1.1 Mobile broadband internet traffic within the country	82	9.39	
2.1.2 ICT skills in the education system	44	59.16	
2.1.3 Use of virtual social networks	26	80.95	●
2.1.4 Adult literacy rate	21	98.32	●
2.1.5 AI talent concentration	45	3.37	○
2nd sub-pillar: Businesses	59	31.94	

Indicator	Rank	Score	
C. Governance pillar	53	65.45	
1st sub-pillar: Trust	54	65.89	
3.1.1 Secure Internet servers	57	67.99	
3.1.2 Cybersecurity	47	93.63	
3.1.3 Online access to financial account	n/a	n/a	
3.1.4 Internet shopping	55	36.06	
2nd sub-pillar: Regulation	36	71.81	
3.2.1 Regulatory quality	40	59.12	
3.2.2 ICT regulatory environment	102	45.31	
3.2.3 Regulation of emerging technologies	31	65.18	
3.2.4 E-commerce legislation	1	100.00	●
3.2.5 Privacy protection by law content	13	89.44	●
3rd sub-pillar: Inclusion	76	58.65	
3.3.1 E-Participation	22	85.51	●
3.3.2 Socioeconomic gap in use of digital payments	75	64.62	
3.3.3 Gender gap in Internet use	17	69.88	●
3.3.4 Rural gap in use of digital payments	77	14.61	○
D. Impact pillar	39	61.44	
1st sub-pillar: Economy	55	35.22	
4.1.1 ICT patent applications	54	0.73	
4.1.2 Domestic market scale	87	45.38	
4.1.3 Technology-Enabled Work Flexibility	49	50.13	
4.1.4 ICT services exports	16	44.62	●
2nd sub-pillar: Quality of Life	31	75.83	
4.2.1 Happiness	26	75.98	●
4.2.2 Freedom to make life choices	27	87.11	●

Network Readiness Index 2025

Indicator	Rank	Score	
2.2.1 Firms with website	28	79.91	
2.2.2 Number of venture capital deals invested in AI	61	6.32	
2.2.3 Annual investment in telecommunication services	80	37.61	
2.2.4 Public cloud computing market scale	67	3.94	
3rd sub-pillar: Governments	36	49.53	
2.3.1 Government online services	28	85.95	●
2.3.2 Data Capabilities	15	67.89	●
2.3.3 Government promotion of emerging technologies	69	34.49	
2.3.4 Gross expenditure on R&D	56	9.79	

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

Indicator	Rank	Score	
4.2.3 Income inequality	83	58.67	
4.2.4 Healthy life expectancy at birth	50	70.15	
3rd sub-pillar: SDG Contribution	45	73.26	
4.3.1 SDG 3: Good Health and Well-Being	1	100.00	●
4.3.2 SDG 4: Quality Education	47	36.17	
4.3.3 SDG 5: Women's economic opportunity	47	83.64	
4.3.4 SDG 7: Affordable and Clean Energy	29	85.79	
4.3.5 SDG 11: Sustainable Cities and Communities	41	74.90	

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