

Network Readiness Index 2025

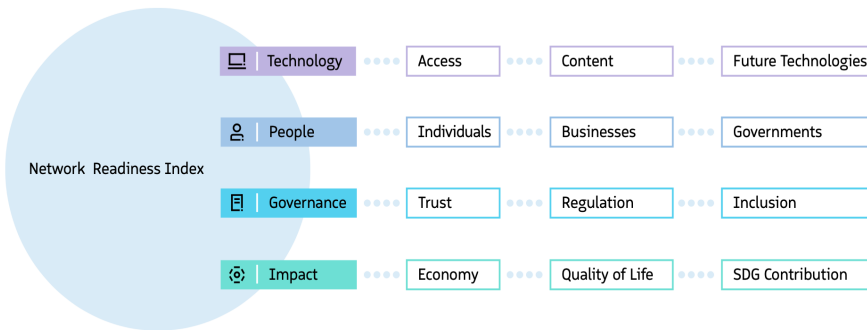
With support from:



Canada

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.

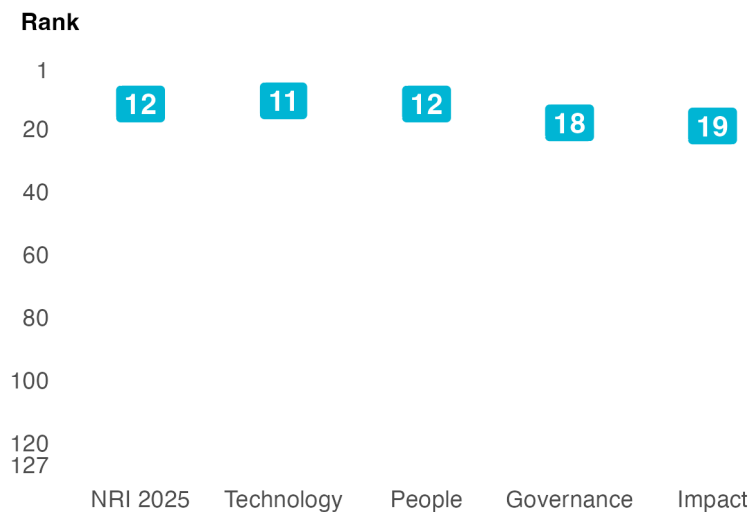
Figure 1: The NRI 2025 model



Global NRI position of Canada

Canada ranks 12 out of the 127 economies included in the NRI 2025 (Figure 2). Its main strength relates to Technology. The greatest scope for improvement, meanwhile, concerns Impact.

Figure 2: Canada global ranking, overall and by pillar



Performance at sub-pillar level

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

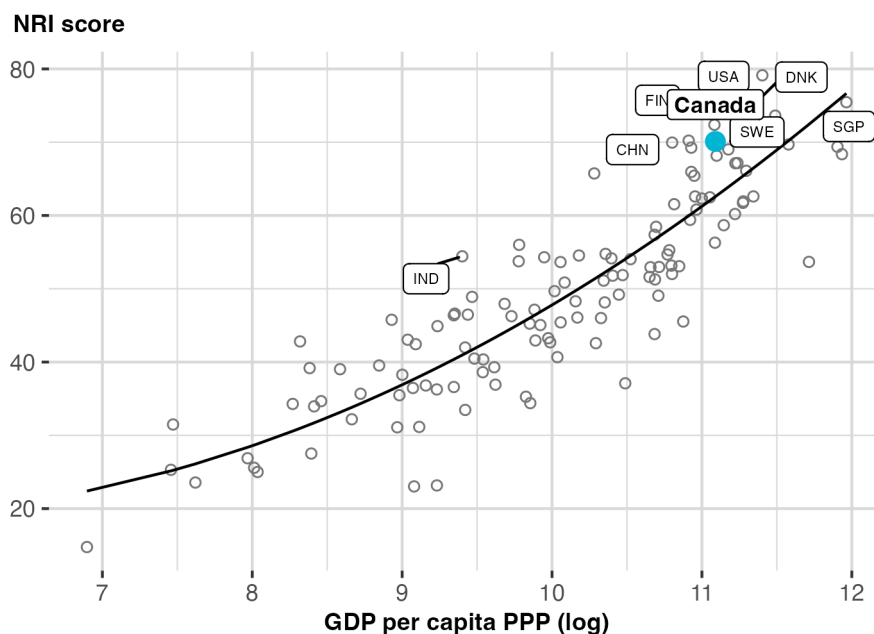
Table 1: Canada rankings by sub-pillar

Sub-pillar	Rank	Sub-pillar	Rank
Content	7	Economy	18
Businesses	7	Regulation	23
Inclusion	10	Quality of Life	24
Future Technologies	14	SDG Contribution	28
Governments	16	Access	30
Trust	18	Individuals	40

NRI score and income

Figure 3 shows the position of Canada 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, Canada 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

High-income countries

Canada is ranked 12th in the group of high-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 high-income countries in eleven of the twelve sub-pillars: Access, Content, Future Technologies, Businesses, Governments, Trust, Regulation, Inclusion, Economy, Quality of Life and SDG Contribution.

The Americas

Canada is ranked 2nd within The Americas (Figure 4, right panel). It outperforms its region in each of the four pillars. With regard to sub-pillars, it has a higher score than the regional average in each of the twelve sub-pillars.

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



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

Dimension	Canada	High-income countries	The Americas
NRI	70.11	62.71	47.15
Technology	65.57	55.47	38.91
People	61.37	52.36	40.23
Governance	82.96	77.18	54.75
Impact	70.52	65.84	54.70

NRI 2025 At-A-Glance: Canada

Network Readiness Index

Rank: 12 (out of 127)

Score: 70.11

Pillar/sub-pillar	Rank	Score	Pillar/sub-pillar	Rank	Score
A. Technology pillar	11	65.57	C. Governance pillar	18	82.96
1st sub-pillar: Access	30	77.86	1st sub-pillar: Trust	18	85.95
2nd sub-pillar: Content	7	59.89	2nd sub-pillar: Regulation	23	78.58
3rd sub-pillar: Future Technologies	14	58.95	3rd sub-pillar: Inclusion	10	84.36
B. People pillar	12	61.37	D. Impact pillar	19	70.52
1st sub-pillar: Individuals	40	56.50	1st sub-pillar: Economy	18	53.23
2nd sub-pillar: Businesses	7	62.55	2nd sub-pillar: Quality of Life	24	79.09
3rd sub-pillar: Governments	16	65.06	3rd sub-pillar: SDG Contribution	28	79.24

The Network Readiness Index in detail

Indicator	Rank	Score	Indicator	Rank	Score	
A. Technology pillar	11	65.57	C. Governance pillar	18	82.96	
1st sub-pillar: Access	30	77.86	1st sub-pillar: Trust	18	85.95	
1.1.1 Mobile tariffs	49	75.56	3.1.1 Secure Internet servers	26	85.29	
1.1.2 Handset prices	20	94.69	3.1.2 Cybersecurity	55	91.80	
1.1.3 FTTH/building Internet subscriptions	34	44.03	3.1.3 Online access to financial account	n/a	n/a	
1.1.4 Population covered by at least a 3G mobile network	48	98.42	3.1.4 Internet shopping	14	80.74	
1.1.5 International Internet bandwidth	37	76.63	2nd sub-pillar: Regulation	23	78.58	
1.1.6 Internet access in schools	n/a	n/a	3.2.1 Regulatory quality	11	83.39	●
2nd sub-pillar: Content	7	59.89	3.2.2 ICT regulatory environment	54	76.56	
1.2.1 GitHub commits	11	69.57	3.2.3 Regulation of emerging technologies	16	79.06	
1.2.2 Internet domain registrations	12	61.67	3.2.4 E-commerce legislation	1	100.00	●
1.2.3 Mobile apps development	42	69.68	3.2.5 Privacy protection by law content	82	53.88	○
1.2.4 AI scientific publications	20	38.66	3rd sub-pillar: Inclusion	10	84.36	
3rd sub-pillar: Future Technologies	14	58.95	3.3.1 E-Participation	15	91.30	
1.3.1 Adoption of emerging technologies	12	88.54	3.3.2 Socioeconomic gap in use of digital payments	17	95.81	
1.3.2 Investment in emerging technologies	20	68.25	3.3.3 Gender gap in Internet use	49	65.96	○
1.3.3 Robot density	14	29.37	3.3.4 Rural gap in use of digital payments	n/a	n/a	
1.3.4 Computer software spending	7	49.66	●	D. Impact pillar	19	70.52
B. People pillar	12	61.37	1st sub-pillar: Economy	18	53.23	
1st sub-pillar: Individuals	40	56.50	4.1.1 ICT patent applications	15	48.47	
2.1.1 Mobile broadband internet traffic within the country	42	25.26	4.1.2 Domestic market scale	16	74.66	
2.1.2 ICT skills in the education system	19	76.83	4.1.3 Technology-Enabled Work Flexibility	19	72.92	
2.1.3 Use of virtual social networks	13	83.97	4.1.4 ICT services exports	54	16.86	
2.1.4 Adult literacy rate	n/a	n/a	2nd sub-pillar: Quality of Life	24	79.09	
2.1.5 AI talent concentration	13	39.93	4.2.1 Happiness	18	79.16	
2nd sub-pillar: Businesses	7	62.55	4.2.2 Freedom to make life choices	59	74.09	○

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Indicator	Rank	Score	
2.2.1 Firms with website	7	92.87	●
2.2.2 Number of venture capital deals invested in AI	19	34.92	
2.2.3 Annual investment in telecommunication services	8	68.14	●
2.2.4 Public cloud computing market scale	7	54.28	●
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3rd sub-pillar: Governments	16	65.06	
2.3.1 Government online services	34	82.57	
2.3.2 Data Capabilities	10	70.12	
2.3.3 Government promotion of emerging technologies	12	79.39	
2.3.4 Gross expenditure on R&D	22	28.16	

Indicator	Rank	Score	
4.2.3 Income inequality	29	81.38	
4.2.4 Healthy life expectancy at birth	23	86.68	
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3rd sub-pillar: SDG Contribution	28	79.24	
4.3.1 SDG 3: Good Health and Well-Being	1	100.00	●
4.3.2 SDG 4: Quality Education	7	69.92	●
4.3.3 SDG 5: Women's economic opportunity	1	100.00	●
4.3.4 SDG 7: Affordable and Clean Energy	110	48.98	○
4.3.5 SDG 11: Sustainable Cities and Communities	7	96.12	●

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

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