

# Network Readiness Index 2025

With support from:



## Guatemala

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.

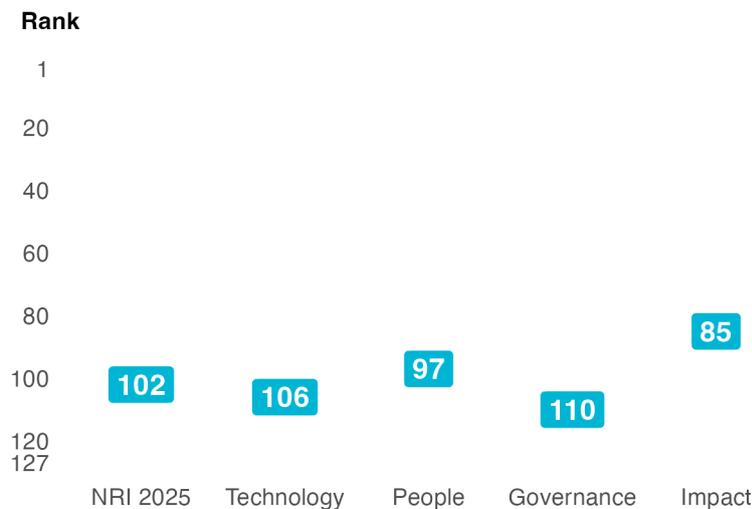
Figure 1: The NRI 2025 model



### Global NRI position of Guatemala

Guatemala ranks 102 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 Governance.

Figure 2: Guatemala global ranking, overall and by pillar



### Performance at sub-pillar level

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

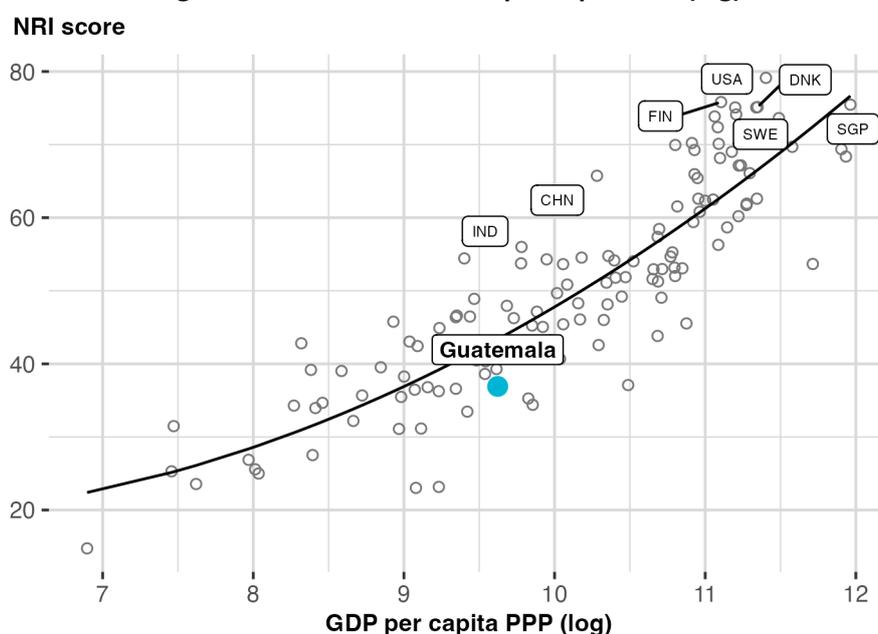
**Table 1: Guatemala rankings by sub-pillar**

Sub-pillar	Rank	Sub-pillar	Rank
Quality of Life	62	SDG Contribution	102
Businesses	68	Access	109
Future Technologies	80	Inclusion	110
Economy	86	Content	111
Individuals	89	Governments	114
Regulation	97	Trust	118

### NRI score and income

Figure 3 shows the position of Guatemala 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, Guatemala 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

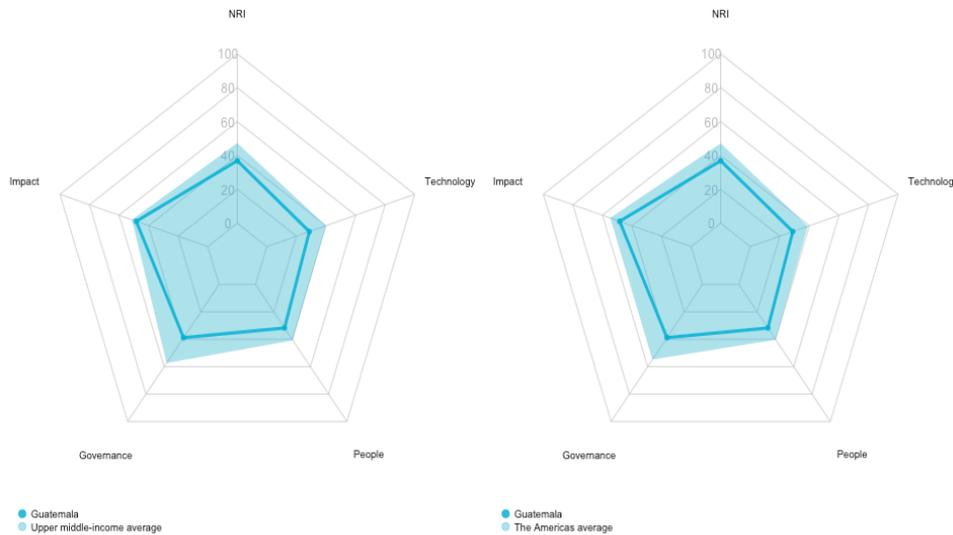
### Upper-middle-income countries

Guatemala is ranked 32nd in the group of upper-middle-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 upper-middle-income countries in two of the twelve sub-pillars: Future Technologies and Quality of Life.

### The Americas

Guatemala is ranked 18th within The Americas (Figure 4, right panel). It lags behind its region in each of the four pillars. With regard to sub-pillars, it trails the regional average in each of them.

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



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

Dimension	Guatemala	Upper-middle-income countries	The Americas
NRI	36.92	47.32	47.15
Technology	28.78	39.95	38.91
People	31.70	40.75	40.23
Governance	38.81	57.29	54.75
Impact	48.38	51.31	54.70

# NRI 2025 At-A-Glance: Guatemala

Network Readiness Index

Rank: 102 (out of 127)

Score: 36.92

Pillar/sub-pillar	Rank	Score	Pillar/sub-pillar	Rank	Score
A. Technology pillar	106	28.78	C. Governance pillar	110	38.81
1st sub-pillar: Access	109	44.52	1st sub-pillar: Trust	118	24.19
2nd sub-pillar: Content	111	11.22	2nd sub-pillar: Regulation	97	49.92
3rd sub-pillar: Future Technologies	80	30.59	3rd sub-pillar: Inclusion	110	42.33
B. People pillar	97	31.70	D. Impact pillar	85	48.38
1st sub-pillar: Individuals	89	45.21	1st sub-pillar: Economy	86	27.47
2nd sub-pillar: Businesses	68	29.67	2nd sub-pillar: Quality of Life	62	66.76
3rd sub-pillar: Governments	114	20.21	3rd sub-pillar: SDG Contribution	102	50.91

## The Network Readiness Index in detail

Indicator	Rank	Score	Indicator	Rank	Score
A. Technology pillar	106	28.78	C. Governance pillar	110	38.81
1st sub-pillar: Access	109	44.52	1st sub-pillar: Trust	118	24.19
1.1.1 Mobile tariffs	113	35.70	3.1.1 Secure Internet servers	105	37.06
1.1.2 Handset prices	74	58.52	3.1.2 Cybersecurity	112	27.89
1.1.3 FTTH/building Internet subscriptions	112	8.72	3.1.3 Online access to financial account	n/a	n/a
1.1.4 Population covered by at least a 3G mobile network	100	73.68	3.1.4 Internet shopping	99	7.61
1.1.5 International Internet bandwidth	113	60.79	2nd sub-pillar: Regulation	97	49.92
1.1.6 Internet access in schools	74	29.72	3.2.1 Regulatory quality	86	34.96
2nd sub-pillar: Content	111	11.22	3.2.2 ICT regulatory environment	114	36.25
1.2.1 GitHub commits	96	2.62	3.2.3 Regulation of emerging technologies	101	20.63
1.2.2 Internet domain registrations	78	2.17	3.2.4 E-commerce legislation	1	100.00
1.2.3 Mobile apps development	112	39.94	3.2.5 Privacy protection by law content	76	57.74
1.2.4 AI scientific publications	117	0.14	3rd sub-pillar: Inclusion	110	42.33
3rd sub-pillar: Future Technologies	80	30.59	3.3.1 E-Participation	88	43.48
1.3.1 Adoption of emerging technologies	74	53.46	3.3.2 Socioeconomic gap in use of digital payments	102	42.85
1.3.2 Investment in emerging technologies	70	37.50	3.3.3 Gender gap in Internet use	90	51.01
1.3.3 Robot density	n/a	n/a	3.3.4 Rural gap in use of digital payments	65	31.99
1.3.4 Computer software spending	122	0.81	D. Impact pillar	85	48.38
B. People pillar	97	31.70	1st sub-pillar: Economy	86	27.47
1st sub-pillar: Individuals	89	45.21	4.1.1 ICT patent applications	81	0.00
2.1.1 Mobile broadband internet traffic within the country	57	17.51	4.1.2 Domestic market scale	67	52.83
2.1.2 ICT skills in the education system	84	40.14	4.1.3 Technology-Enabled Work Flexibility	62	39.49
2.1.3 Use of virtual social networks	92	50.70	4.1.4 ICT services exports	53	17.55
2.1.4 Adult literacy rate	68	72.48	2nd sub-pillar: Quality of Life	62	66.76
2.1.5 AI talent concentration	n/a	n/a	4.2.1 Happiness	42	69.30
2nd sub-pillar: Businesses	68	29.67	4.2.2 Freedom to make life choices	34	83.07

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Indicator	Rank	Score
2.2.1 Firms with website	63	54.22
2.2.2 Number of venture capital deals invested in AI	n/a	n/a
2.2.3 Annual investment in telecommunication services	n/a	n/a
2.2.4 Public cloud computing market scale	61	5.12 ●
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3rd sub-pillar: Governments	114	20.21
2.3.1 Government online services	82	58.35
2.3.2 Data Capabilities	89	10.02 ○
2.3.3 Government promotion of emerging technologies	104	12.46 ○
2.3.4 Gross expenditure on R&D	108	0.00 ○

Indicator	Rank	Score
4.2.3 Income inequality	99	45.41
4.2.4 Healthy life expectancy at birth	98	50.39
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3rd sub-pillar: SDG Contribution	102	50.91
4.3.1 SDG 3: Good Health and Well-Being	96	53.33
4.3.2 SDG 4: Quality Education	74	10.89
4.3.3 SDG 5: Women's economic opportunity	104	61.82
4.3.4 SDG 7: Affordable and Clean Energy	60	76.32 ●
4.3.5 SDG 11: Sustainable Cities and Communities	75	55.87

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

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