best in test

For adding something on top in Canada and reaching an overall score of 912 dots in mobile network benchmarking survey we proudly award this certificate to

Rogers Communications Canada Inc.

Score 912 out of 1000 in Total
Score 248 out of 270 in Voice Services
Score 436 out of 480 in Data Services
Score 228 out of 250 in Crowdsourced Quality

Hakan Ekmen

Hakan Ekmen
Global Networks Lead, Comms Industry

Best
03 in 25
Test

umlaut

Measurement Overview

Measurement setup

umlaut tested and measured the performance of its voice and data services on smartphones in comparison to other 5G/LTE mobile radio networks in metropolitan and rural areas of Canada.

The audit was done as a performance benchmark performed by umlaut between 21.01.2025 and 22.03.2025 in cities and towns as well as on connection roads.

Dedicated measurements have been executed as drive tests outdoors using a Samsung Galaxy S24 Ultra.

All data measurements have been performed in 5G preferred mode. Voice measurements have been done in 5G/5G preferred mode on both sides, while call origin has been alternated.

In addition crowdsourced performance data has been collected and evaluated between 30.09.2024 and 16.03.2025.

The following pages provide a comparative overview about the performance results observed for the different tested service types.
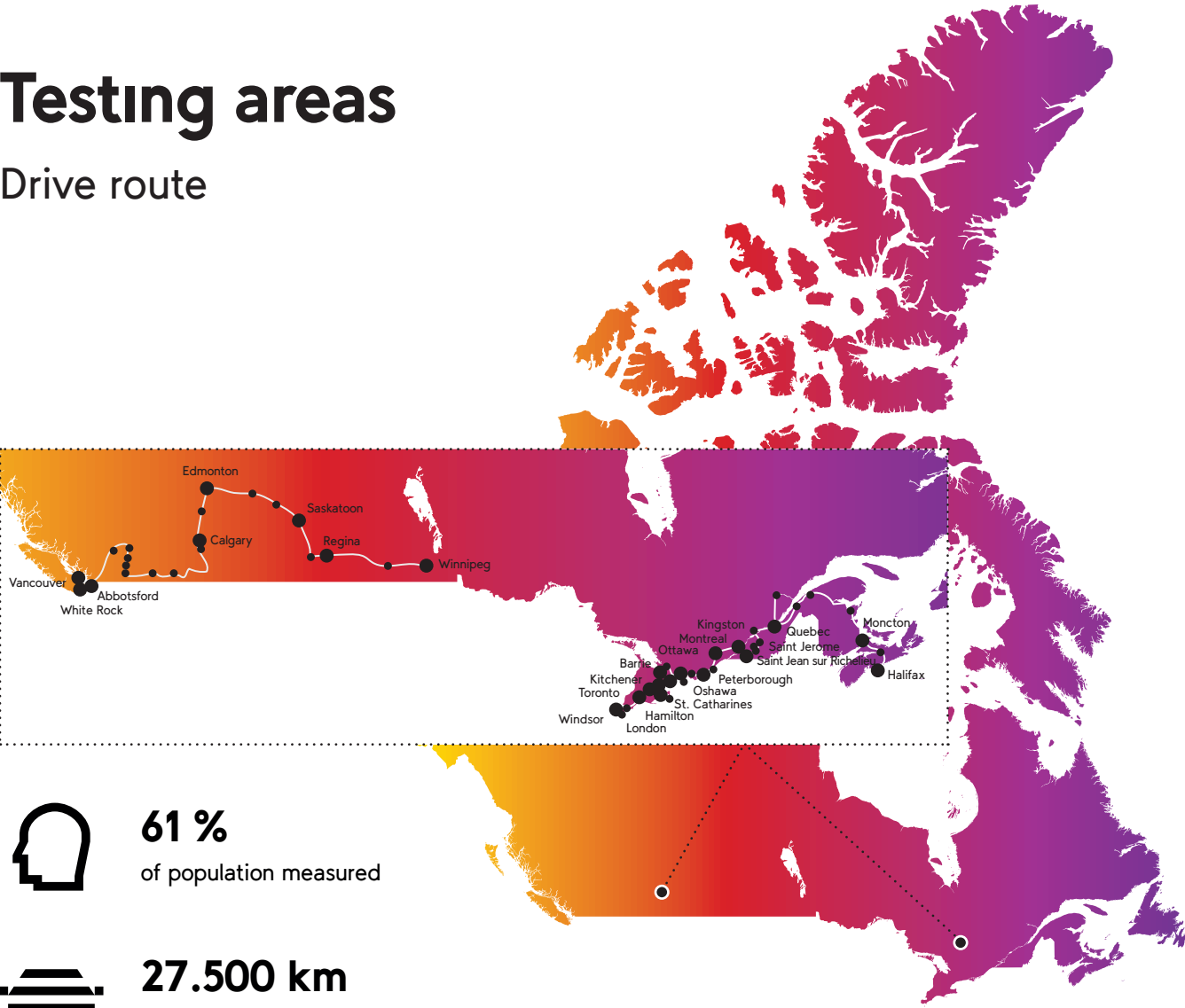
Drivetest	Voice	Data
Device	Samsung Galaxy S24 Ultra	Samsung Galaxy S24 Ultra
Test Cases	Mobile–to–Mobile (M2M) Side1 (5G preferred: Volte) to Side2 (5G preferred: Volte) 105 sec call window 70 sec call duration 15 sec call setup timeout Multi–RAB traffic injection on both sides	Data 5G preferred CA – Disabled 5G SA HTTP DL datastream 7s HTTP UL datastream 7s HTTP 10MB DL fixed file transfer HTTP 5MB UL fixed file transfer Web Browsing – Kepler ETSI and umlaut Ref. Page 8 Live Webpages Interactive e–Gaming 1 YouTube HD video ~ 45s 1 YouTube live stream ~ 45s
Mobility and Route Types	Drive test 100% 50–70% in Cities, 10–25% in Towns and 10–40% on Roads	
Samples	39,454	382,114
Dates	45 measurement days 21.01.2025 – 22.03.2025	
Crowd Data Assessment	24 weeks 30.09.2024 – 16.03.2025	

Testing areas

Drive route

61 %
of population measured

27.500 km
measuring distance

Cities measured: Windsor, London, Hamilton, St. Catharines, Kitchener, Toronto, Barrie, Peterborough, Oshawa, Kingston, Ottawa, Saint Jerome, Montreal, Saint Jean sur Richelieu, Quebec, Moncton, Halifax, Vancouver, White Rock, Abbotsford, Calgary, Edmonton, Saskatoon, Regina, Winnipeg
Towns measured: Leamington, Chatham, St. Thomas, Ingersoll, Woodstock, Welland, Orillia, Cobourg, Belleville, Brockville, Granby, Saint Hyacinthe, Drummondville, Shawinigan, Saguenay, Highway, Riviere du Loup, Rimouski, Bathurst, Truro, Mission, Chilliwack, Kamloops, Salmon Arm, Vernon, Kelowna, Penticton, Nelson, Cranbrook, Okotoks, Airdrie, Lacombe, Leduc, Fort Saskatchewan, Lloydminster, North Battleford, Moose Jaw, Brandon

Crowdsourcing based test area

99.0 %
of the 'built–up are

99.1 %
of the 'Population area' covered

795,309 km^2
size of tested area

Claims

Best in test
Rogers Communications
Canada Inc.

Best in voice
Rogers Communications
Canada Inc.

Best in data
Rogers Communications
Canada Inc.

Best in reliability
Rogers Communications
Canada Inc.

Methodology

The leader in mobile benchmarking, umlaut, has analyzed the mobile networks of Canada with regards to mobile network performance. We measure smartphone voice and data performance based on extensive drivetests – from major metropolitan areas to smaller cities and connection roads.

We objectively define the routes and test methodology and publish the results through certificates or public benchmark reports. In addition crowdsourced performance data has been collected and evaluated.

As the de–facto industry standard, our benchmarking methodology focuses on customer–experienced network quality and covers a wide range of mobile services.

Today, more than 200 mobile networks in more than 120 countries are being evaluated by our unique scoring methodology.

It allows a technical analysis that is unprecedented in its level of detail and enables comparisons between the network performance and capability of each mobile network. Our public benchmarks as well as the certificate benchmarks help network operators to demonstrate how well they are delivering wireless connections to consumers, business users and enterprises and reveals the areas of improvement.

Score and breakdown

Rogers Communications Canada Inc. achieved the highest overall score among competitors with 912 dots out of 1000.

**Total Score
1000 Dots**

Crowd
max. 250

Data
max. 480

Voice
max. 270

Operator ———————— Rogers Wireless   Bell   Telus

↑ Shown total scores are rounded.

Overall score considering Voice, Data and Crowdsourcing.

Total score

		Rogers Wireless	Bell	Telus
Voice	max. 270	248	235	233
Cities Drivetest	162	95%	91%	91%
Towns Drivetest	54	98%	94%	93%
Roads Drivetest	54	76%	68%	65%
Data	max. 480	436	415	376
Cities Drivetest	288	96%	93%	84%
Towns Drivetest	96	93%	86%	77%
Roads Drivetest	96	72%	68%	61%
Crowdsourced Quality	max. 250	228	228	228
Broadband Coverage	100	93%	94%	94%
Download Speed	55	93%	91%	88%
Upload Speed	20	92%	92%	91%
Latency	50	82%	83%	86%
Voice	10	96%	97%	97%
Stability	15	96%	95%	96%
Total	1000	912	878	837

Shown scores are rounded.

Relıabılıty

Total Score
600 Dots

547

Consistent UE
max. 150

138

Data Reliability
max. 288

263

Voice Reliability
max. 162

146

526

137

251

138

510

138

233

139

Operator ——————— Rogers Wireless

Bell

Telus

↑ Consistent UE = Consistent User Experience (Crowd)
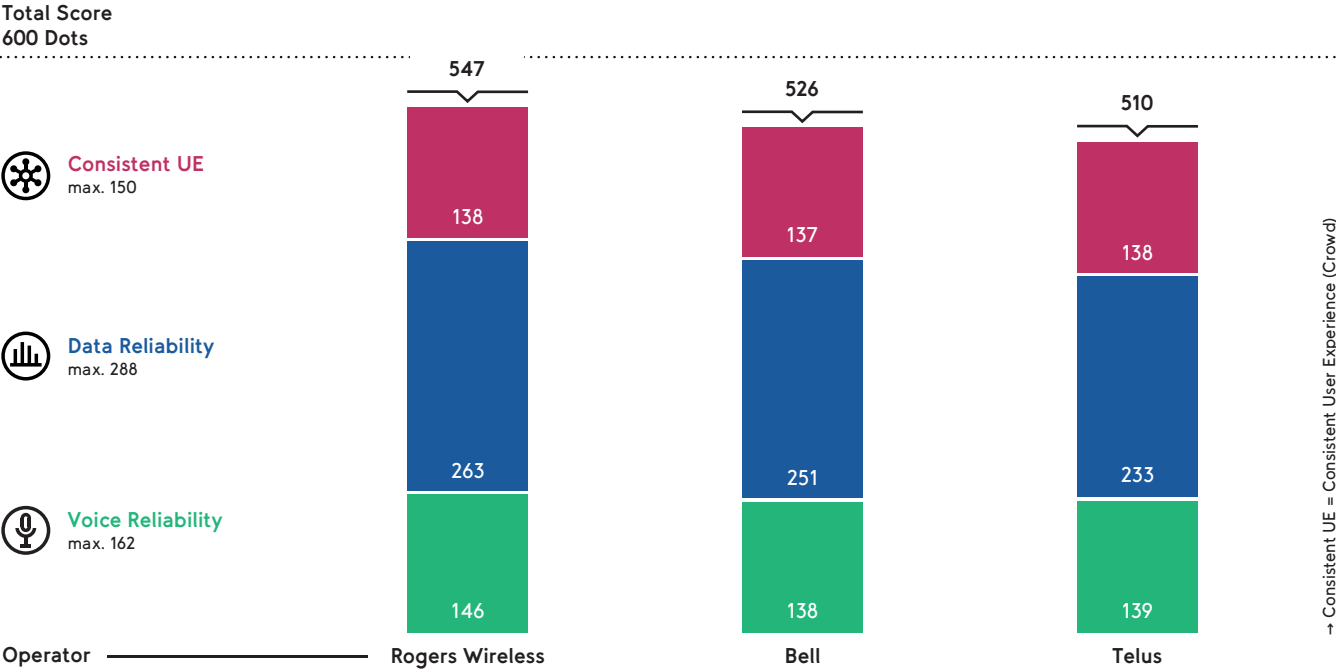
Reliability score considering Voice Reliability, Data Reliability and Consistent UE.

Total score

	Service Group	max	Rogers Wireless	Bell	Telus
Reliability	Voice Reliability	162	90%	85%	86%
	Data Reliability	288	91%	87%	81%
	Consistent User Experience	150	92%	92%	92%

Score achievement in school grades:
outstanding (≥95%), very good (≥85% and <95%), good (≥75% and ≤85%), satisfactory (≤65% and <75%), sufficient (≤55% and <65%).