

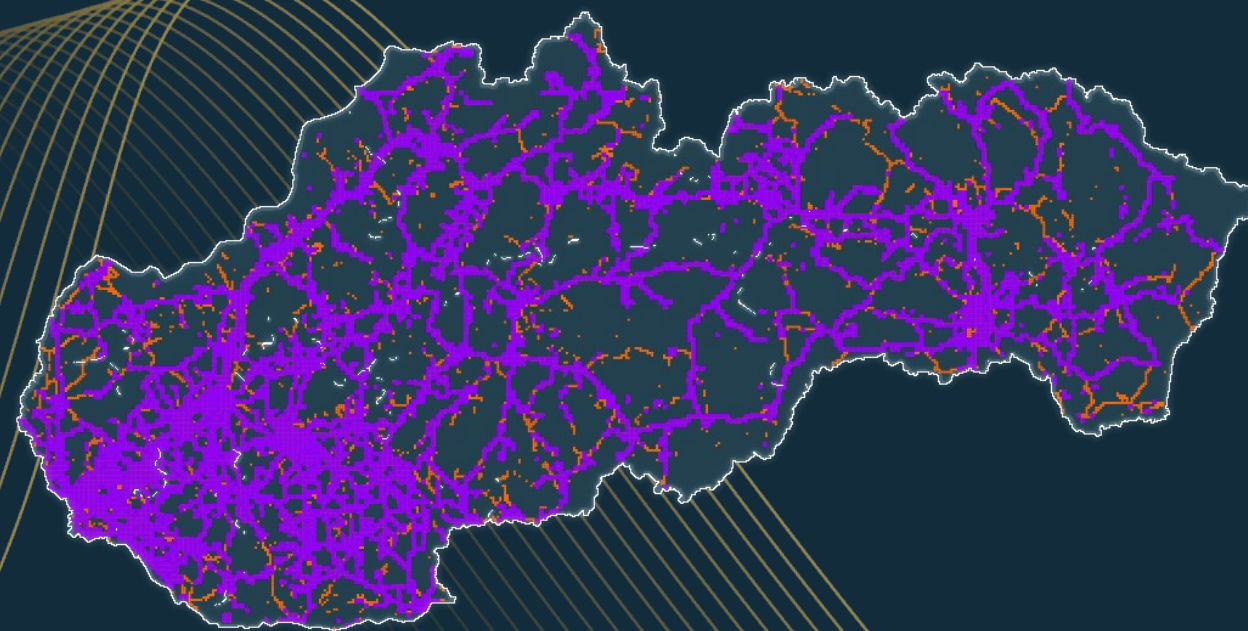
September 2026



Barometer of mobile coverage in Slovakia

4G/5G

09/01/2025 - 08/31/2026



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1. Introducing nPerf



An independent authority in network performance

nPerf is an independent French Internet performance measurement platform, powered by real user experience. By turning millions of individual measurements into connectivity insights, nPerf helps operators enhance their networks and contributes to building a faster, more reliable Internet for everyone.

 **300k+** tests daily
worldwide.

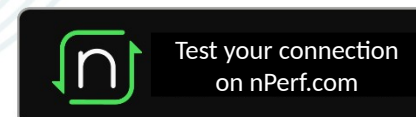
 **26Md+** coverage
scans in total.

 **3k+** servers all
around the world.

A comprehensive suite of tools to measure real-world connectivity

nPerf provides a complete ecosystem of complete measurement tools designed to capture the true quality of fixed, mobile, and Wi-Fi connections with precision, reaching speeds of up to 10 Gbps.

Users test. Operators learn. Everyone benefits.



2. Methodology (1/2) — Measuring coverage in the field



A field study, not a simulation

Mobile operators publish coverage maps computed from radio-propagation models. This barometer contains no modelling: every figure comes from measurements recorded in the field by real users, in real conditions of use — outdoors, indoors, in a car or on a train. It complements the operators' theoretical maps; it does not replace them.

A crowdsourced panel

Measurements are collected by the nPerf mobile application, on Android only: Apple does not open the signal-strength APIs to developers. The application records the signal level reported by the handset every time the device's position is requested by the operating system or by another installed application — maps, navigation, games — and throughout the active mapping sessions users can start themselves. Each record is time-stamped and geolocated to within 20 metres. Anyone can join the panel simply by installing the nPerf app.

Which measurements are kept

- Each measurement is attributed to the network that actually serves the handset, identified by its MCC/MNC codes.
- Measurements reporting no signal at all are kept — the absence of coverage is a result in its own right.
- A country is published only when the volume of measurements and the share of its inhabited territory actually surveyed are sufficient.

Which ISPs are kept

- Only ISPs operating their own network are included; MVNOs are excluded.
- An ISP is published only when its share of measurements is sufficient to be reliably represented in this report.

2. Methodology (2/2) — From measurements to a coverage rate



A grid of parcels

The territory is divided into a regular grid. Each parcel is roughly 400 to 600 m on a side depending on latitude — about 425 m at the latitude of France. A parcel is taken into account for an operator as soon as one of that operator's users has recorded at least one measurement inside it, with or without signal.

Each operator is measured on its own customers' data

This is the cornerstone of the method: an operator's coverage rate is computed from **the measurements collected by its own subscribers, not from those of all operators combined**. The reference perimeter — the denominator of the rate — is therefore specific to each operator: it consists of the parcels its own customers actually visited. Every operator is assessed precisely where its own customer base lives, works and travels.

Technologies are nested

A parcel counts as covered by a technology as soon as at least one measurement of that technology — or of a higher generation — was recorded in it. **3G coverage** is therefore the area where at least 3G is available, **4G coverage** the area where at least 4G is available, and **5G coverage** the area where 5G is available.

Three indicators

- **Geographical Coverage** — the share of the operator's reference parcels in which the technology was recorded. Every parcel carries the same weight, whatever its population.
- **In mobility Pop. Coverage** — the same parcels, each weighted by the number of distinct nPerf devices observed in it. The weighting reflects where users actually are, rather than the number of inhabitants declared per municipality: busy roads and city centres therefore weigh more than sparsely travelled areas.
- **nPerf Coverage Score** — the average of the two indicators above, in equal parts. The higher the score, the better the coverage.

Regional results

Regional figures follow exactly the same method, restricted to the parcels located inside each region's official administrative boundaries.

Reading the 5G figures

All the frequency bands used by each operator are taken into account. Low bands (700 MHz) reach further than mid (2,100 MHz) and high (3,500 MHz) bands but deliver lower speeds: coverage figures should be read alongside the speed results of the nPerf mobile barometer.

3. Executive Summary 4G



The subscribers of Orange enjoyed the best 4G coverage in 2026 in Slovakia.

Mobile coverage rate in Slovakia			
	02	Orange	Telekom
Geographical Coverage Rate	96.32	96.75	96.59
Population Coverage Rate	98.84	99.02	99.08
nPerf Coverage Score	97.58	97.88	97.84

Source : nPerf.com



Best Mobile coverage in Slovakia



Source : nPerf.com

nPerf Podium

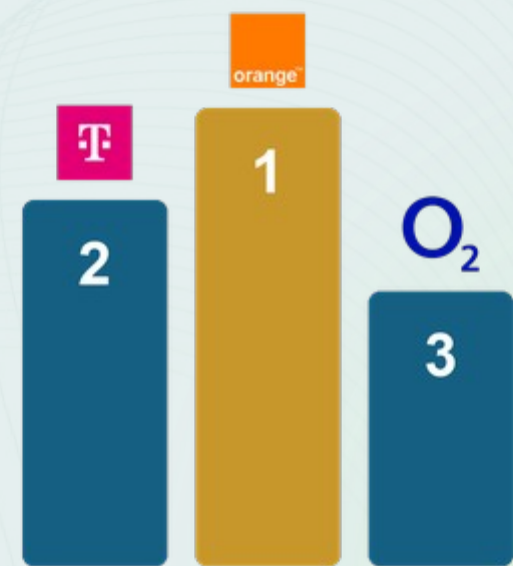


Source : nPerf.com

4. National 4G coverage maps

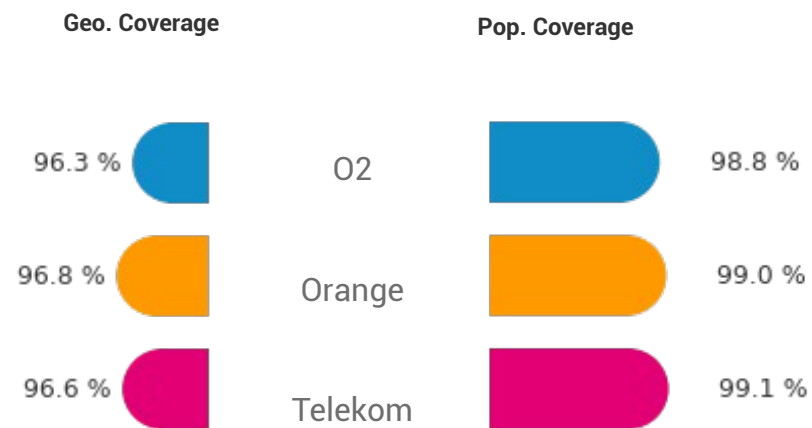


nPerf Coverage Score



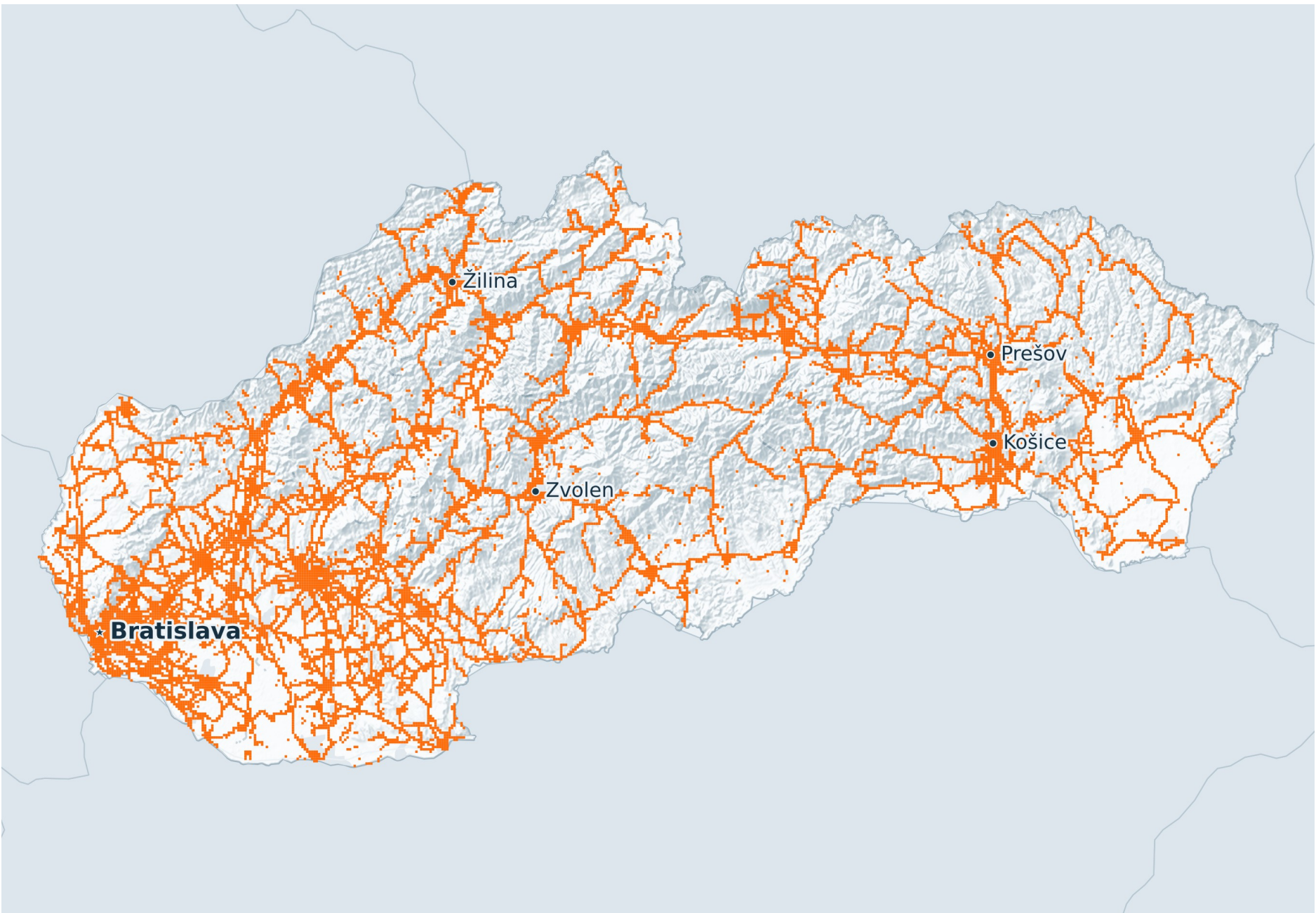
Source : nPerf.com

Coverage Indicators



Source : nPerf.com

National Coverage

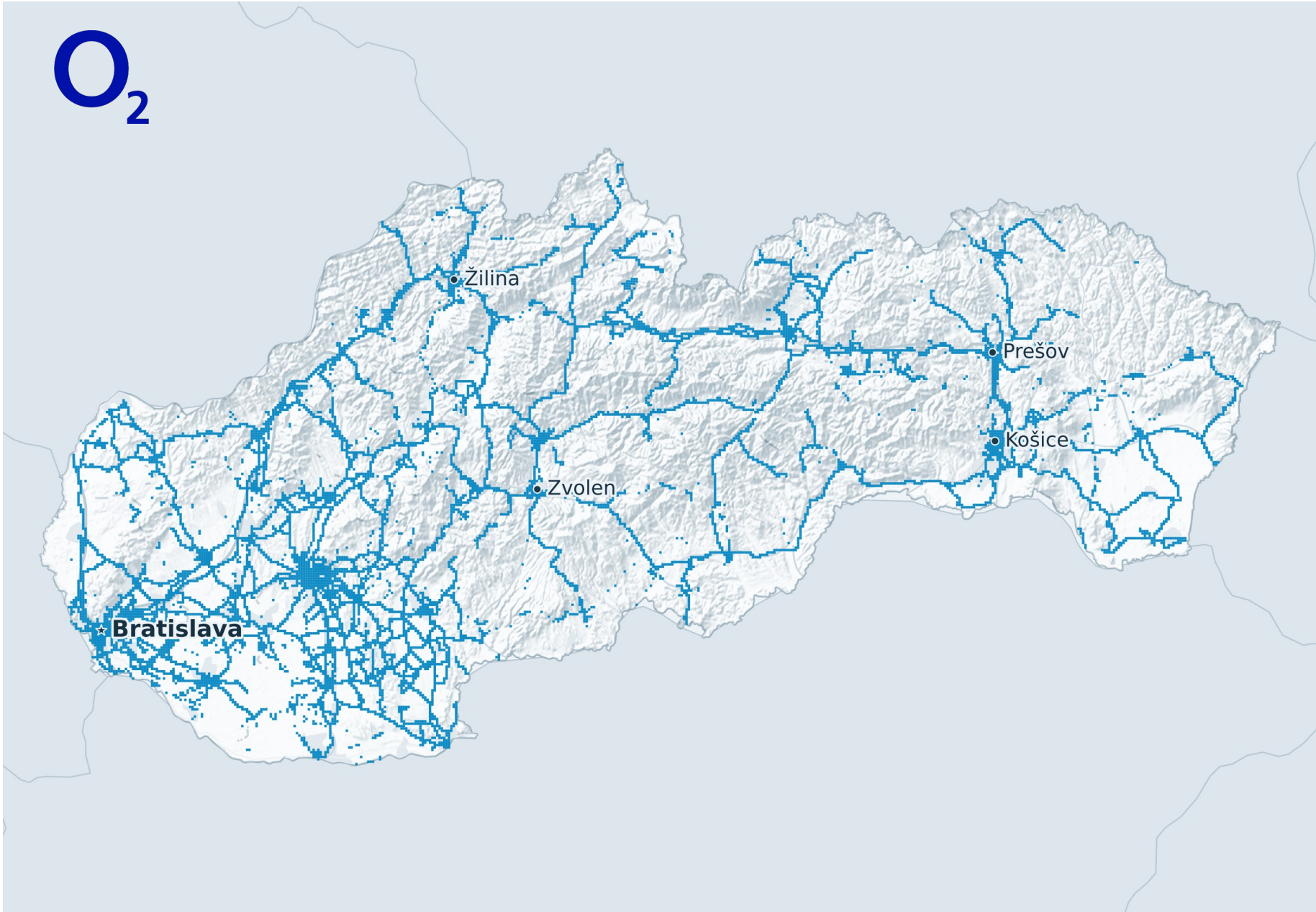


O2

Geographical Coverage Rate (%) 96.32

Population Coverage Rate (%) 98.84

nPerf Coverage Score (%) 97.58



National 4G coverage maps for Orange

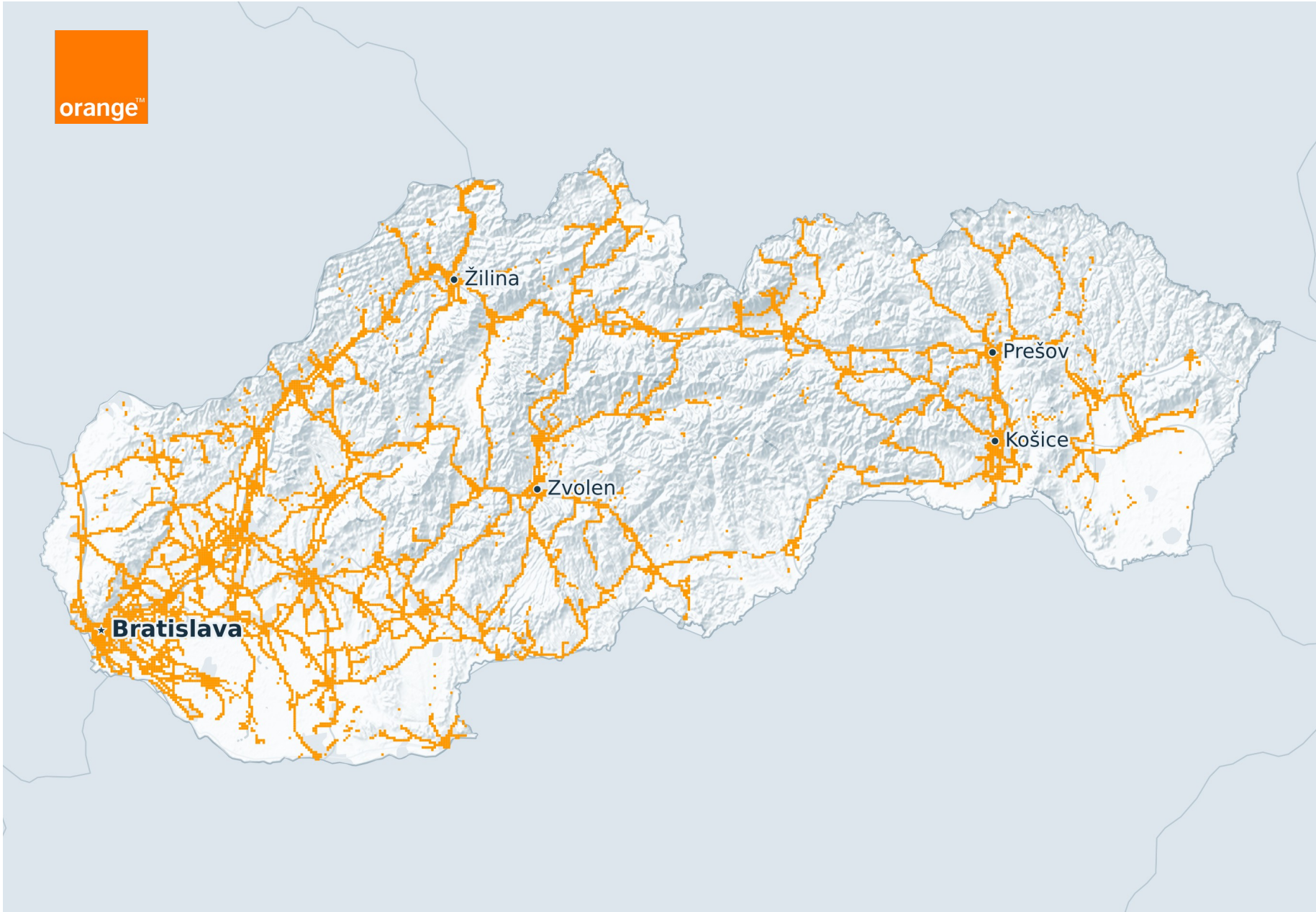


Orange

Geographical Coverage Rate (%) 96.75

Population Coverage Rate (%) 99.02

nPerf Coverage Score (%) 97.88

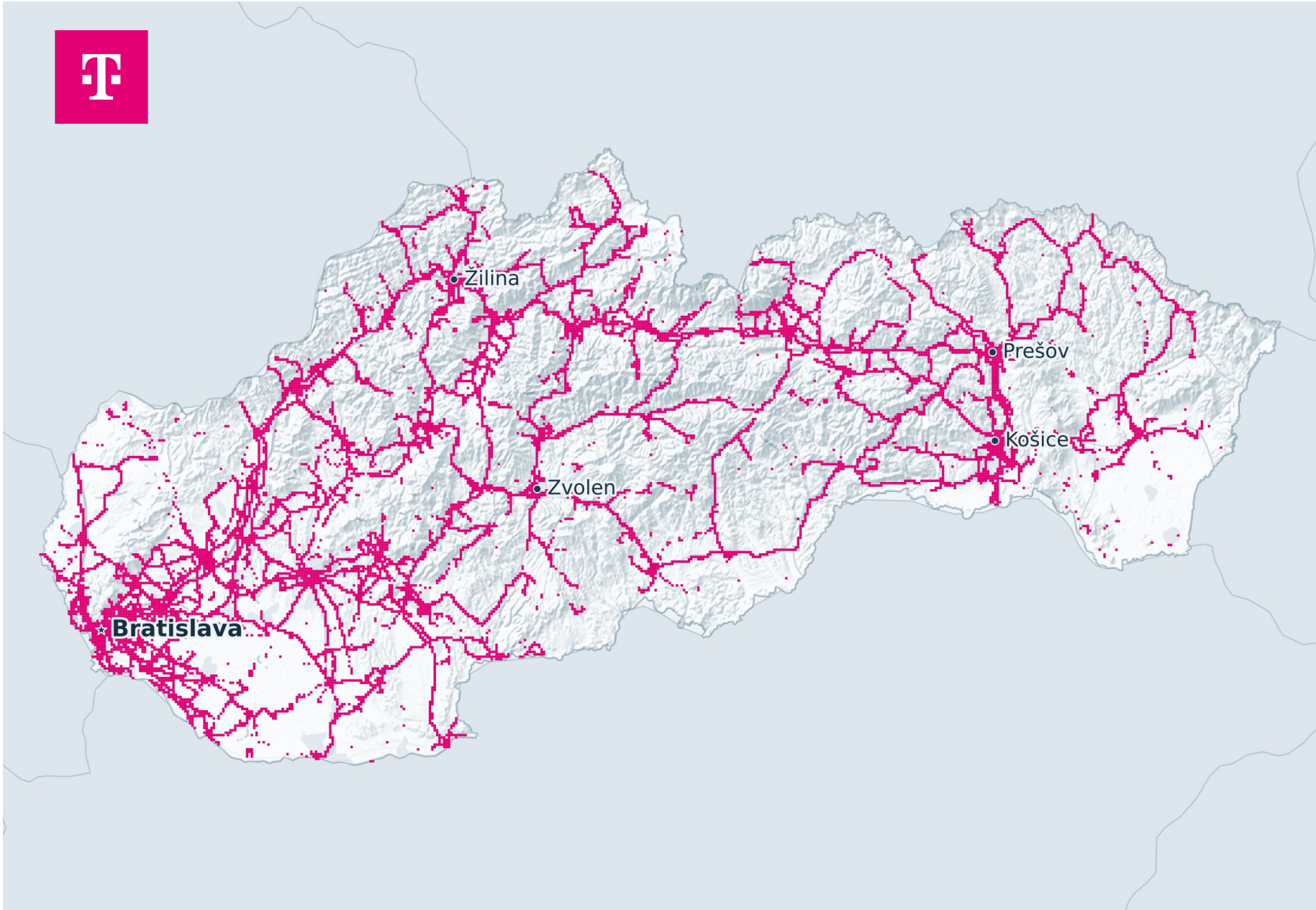


Telekom

Geographical Coverage Rate (%) 96.59

Population Coverage Rate (%) 99.08

nPerf Coverage Score (%) 97.84



5. Executive Summary 5G



The subscribers of O2 enjoyed the best 5G coverage in 2026 in Slovakia.

Mobile coverage rate in Slovakia			
	<u>O2</u>	Orange	Telekom
Geographical Coverage Rate	78.43	64.76	76.45
Population Coverage Rate	90.49	84.19	90.98
nPerf Coverage Score	84.46	74.48	83.71

Source : nPerf.com



Best Mobile coverage in Slovakia



Source : nPerf.com

nPerf Podium



Source : nPerf.com

6. National 5G coverage maps

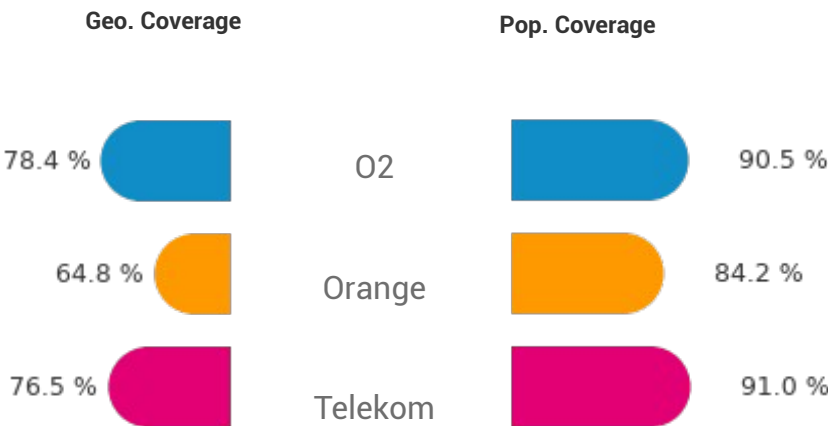


nPerf Coverage Score



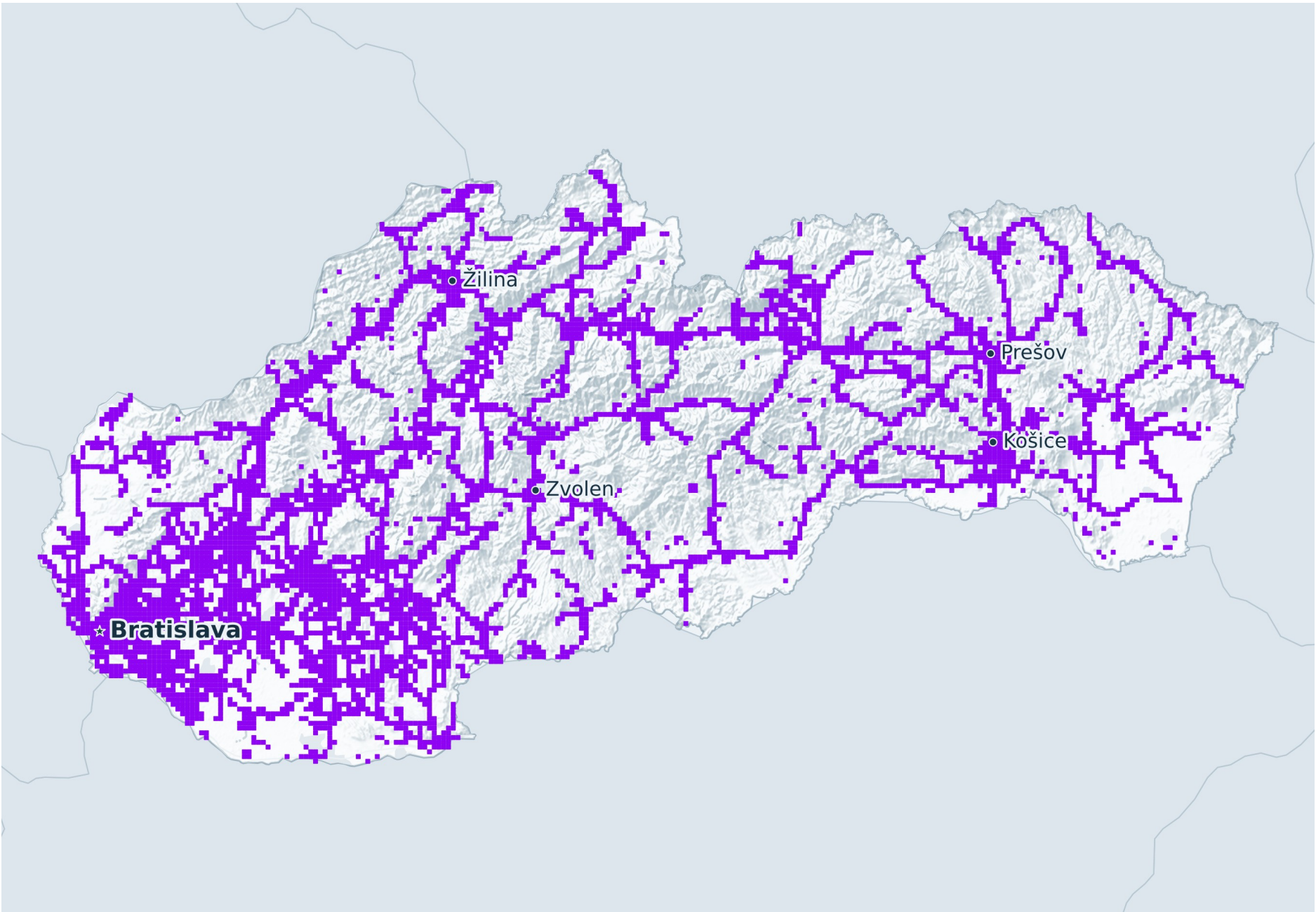
Source : nPerf.com

Coverage Indicators



Source : nPerf.com

National Coverage

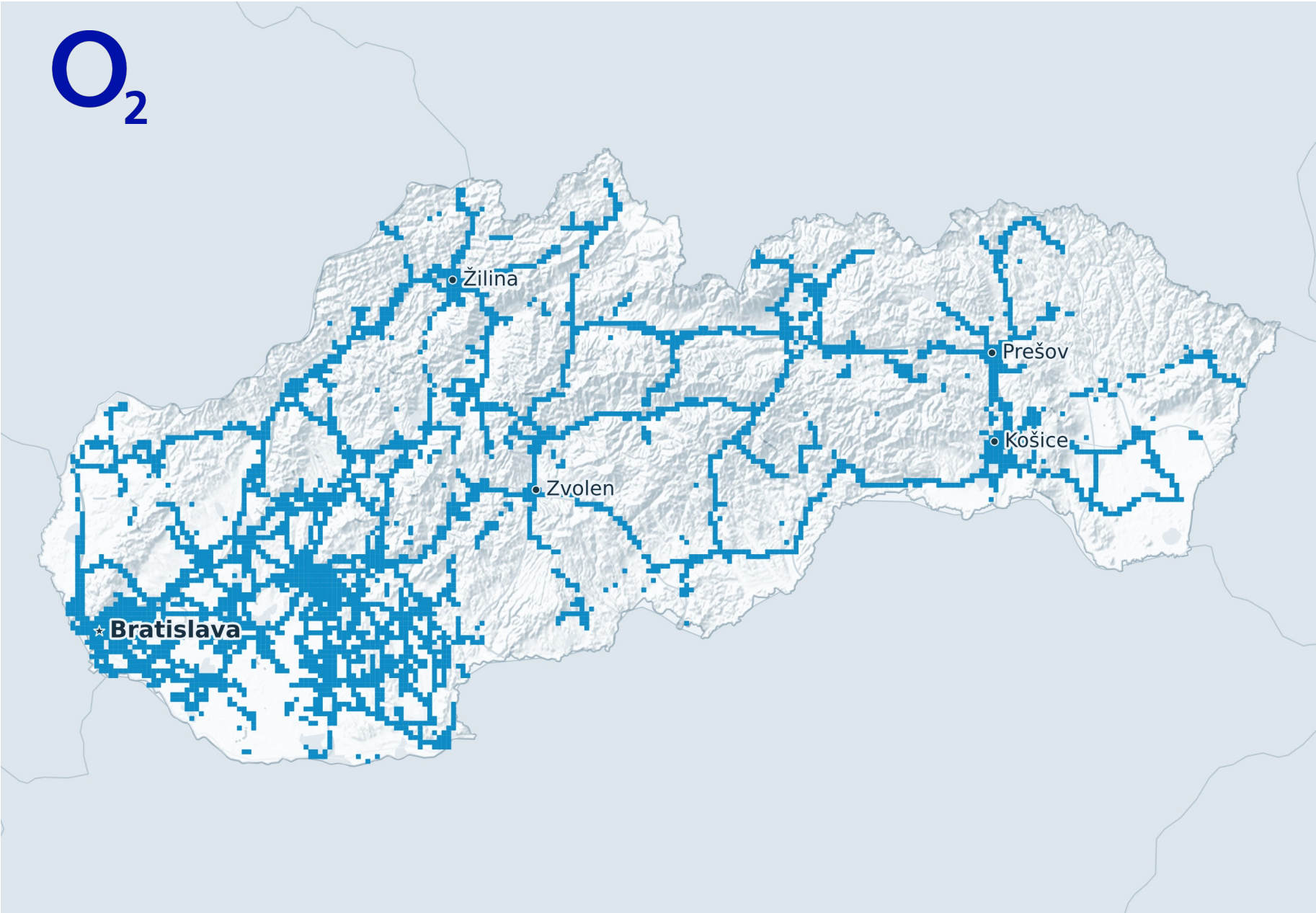


O2

Geographical Coverage Rate (%) 78.43

Population Coverage Rate (%) 90.49

nPerf Coverage Score (%) 84.46



National 5G coverage maps for Orange

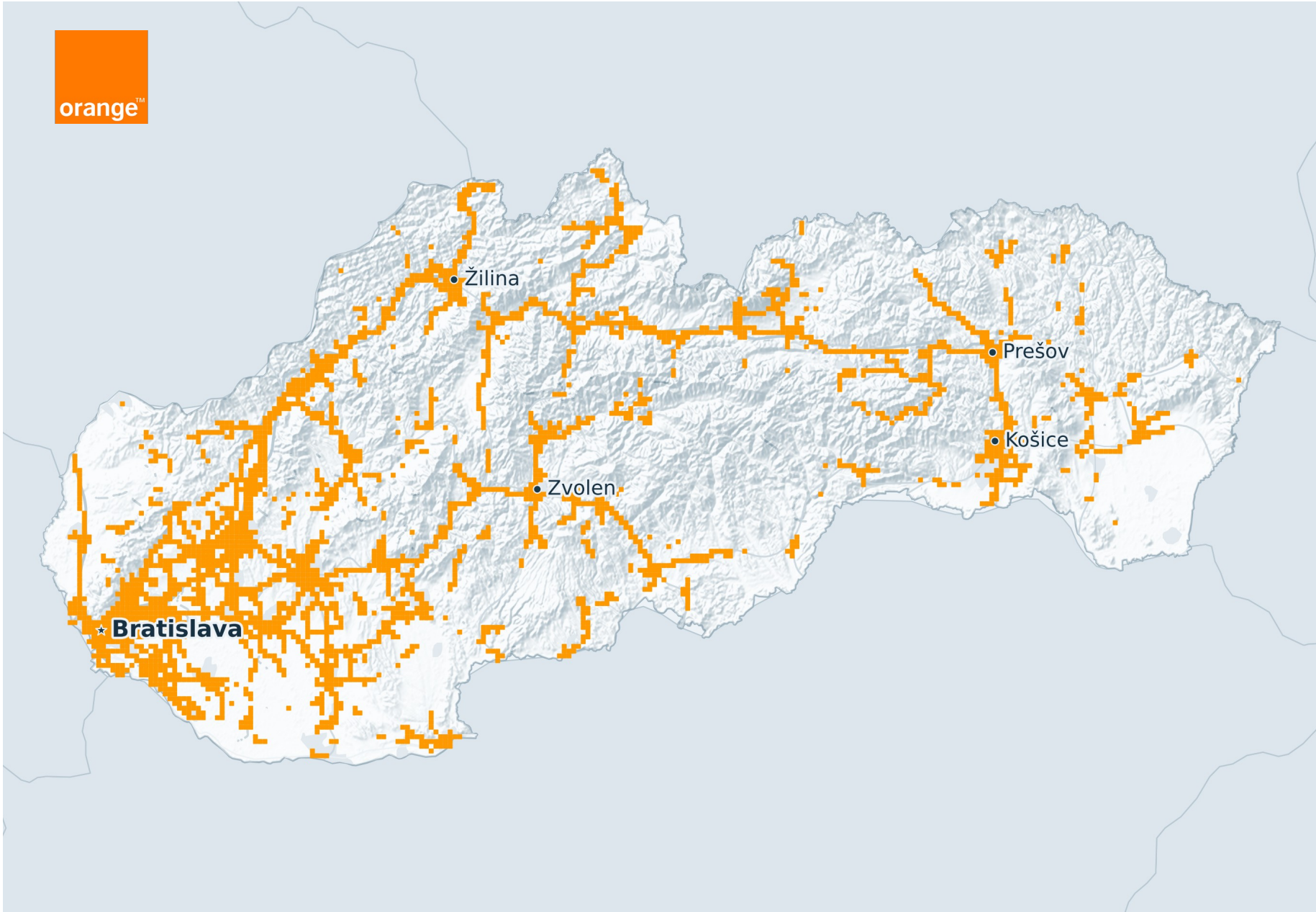


Orange

Geographical Coverage Rate (%) 64.76

Population Coverage Rate (%) 84.19

nPerf Coverage Score (%) 74.48

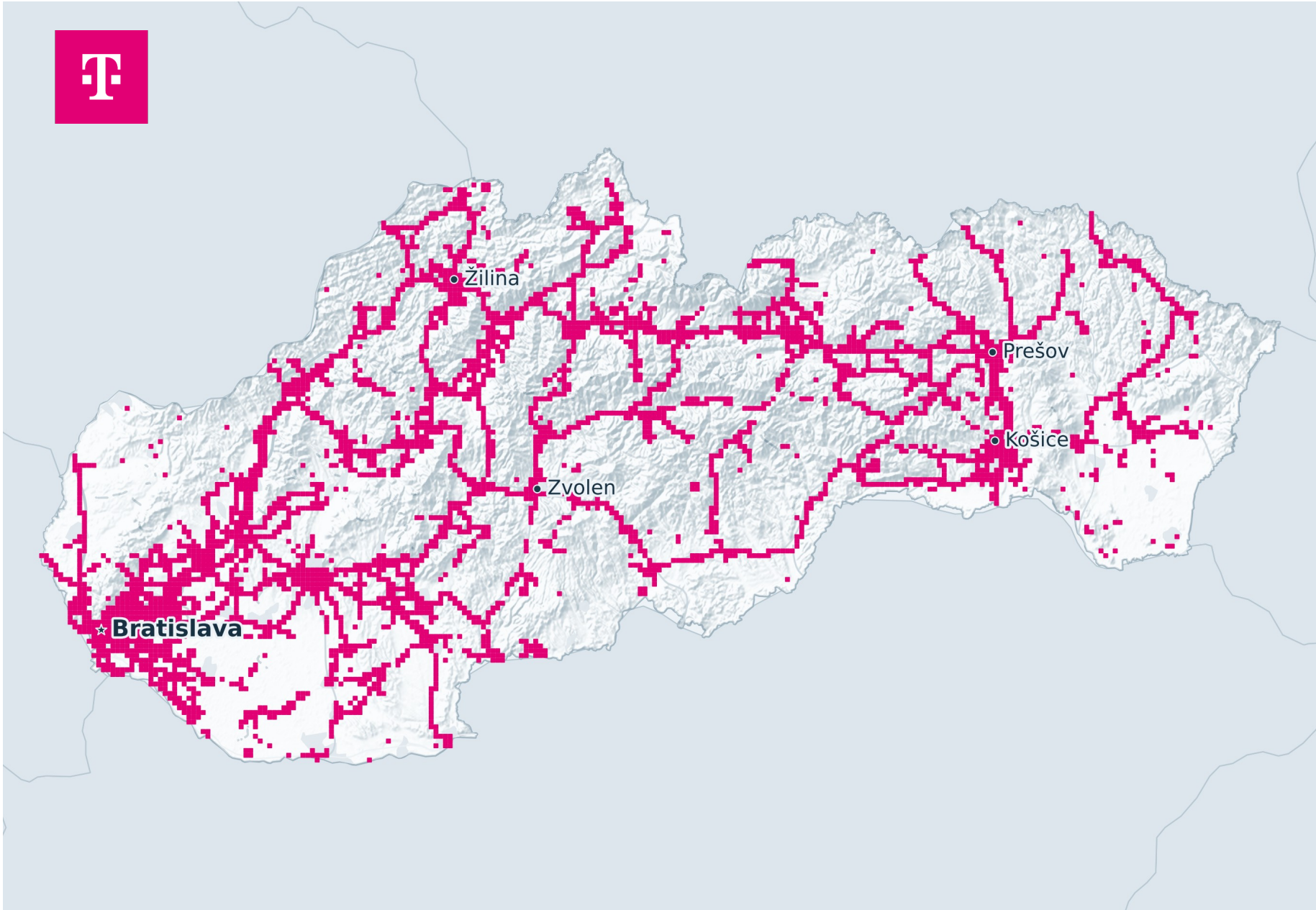


Telekom

Geographical Coverage Rate (%) 76.45

Population Coverage Rate (%) 90.98

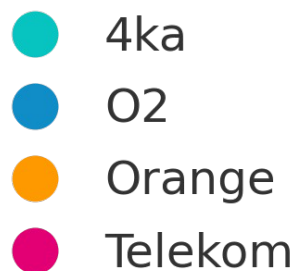
nPerf Coverage Score (%) 83.71



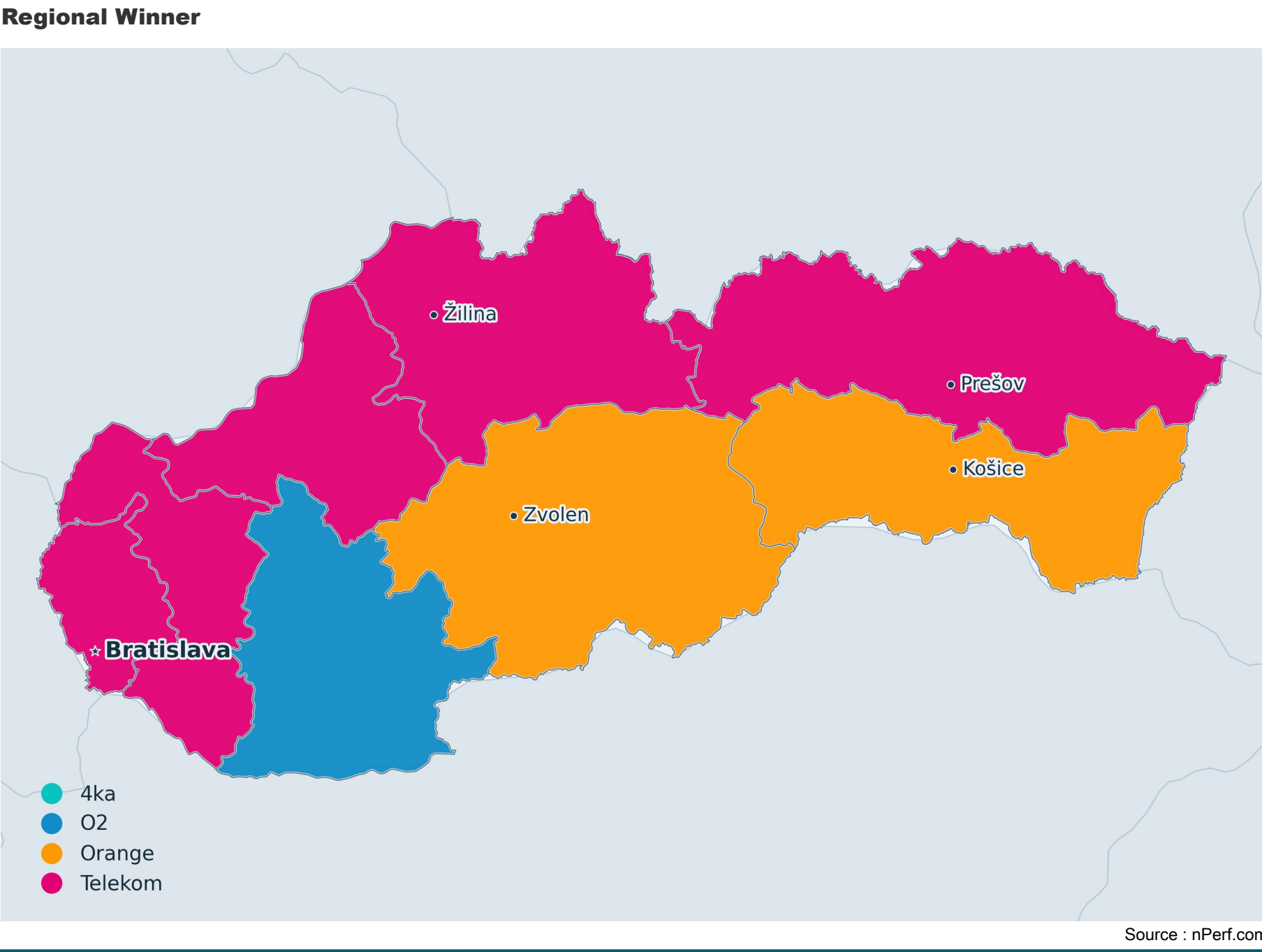
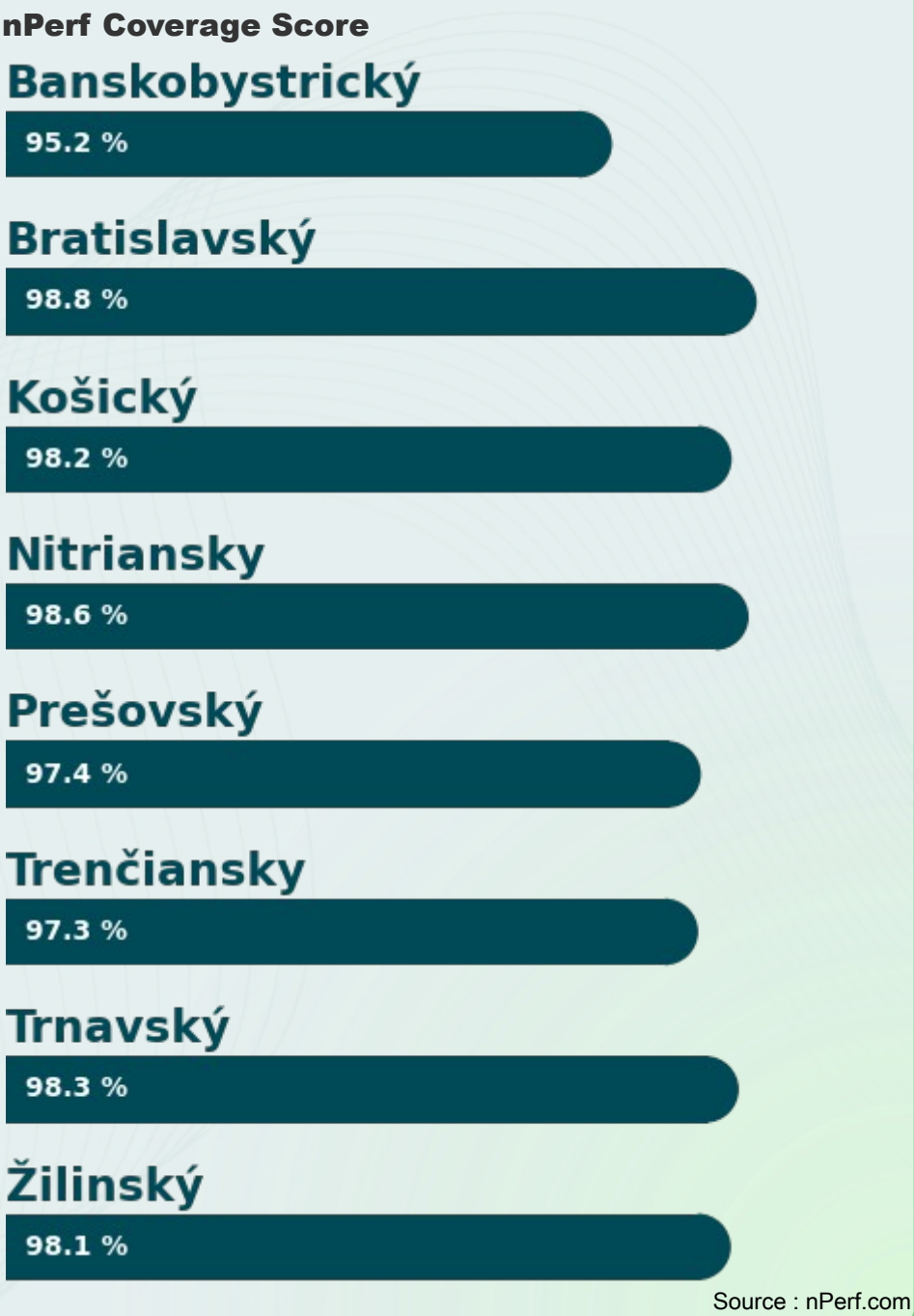
7. Regional 4G coverage: Methodology



Regions	Measurements	Device count	Measurements per operator
Bratislavský	1 309 388	18 341	45% 42% 13%
Nitriansky	1 110 052	15 848	30% 42% 28%
Trnavský	1 045 367	14 502	20% 64% 15%
Prešovský	776 088	11 082	64% 19% 18%
Žilinský	560 745	14 319	56% 29% 15%
Košický	549 125	8 304	55% 22% 23%
Banskobystrický	511 727	11 832	38% 45% 17%
Trenčiansky	462 051	11 381	44% 37% 19%



Regional 4G coverage



4G coverage — Banskobystrický



O₂

Geographical Coverage

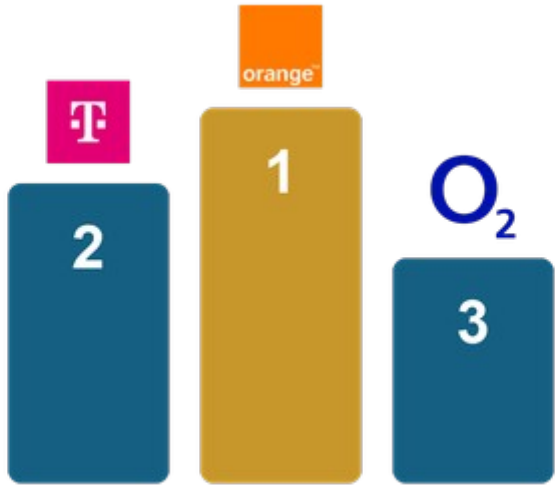
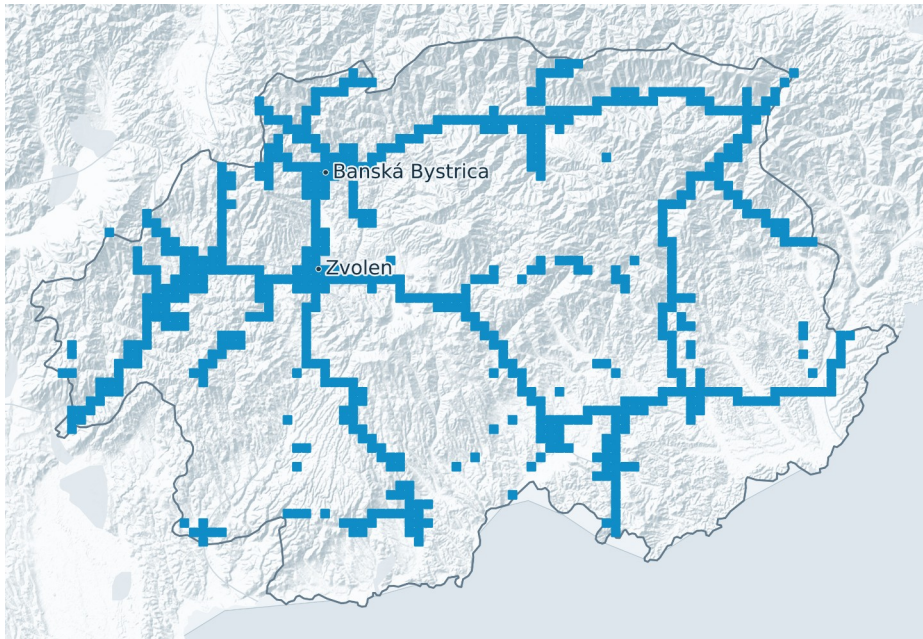
90,83 %

In mobility Pop. Coverage

97,67 %

nPerf Coverage Score

94,25 %



Geographical Coverage

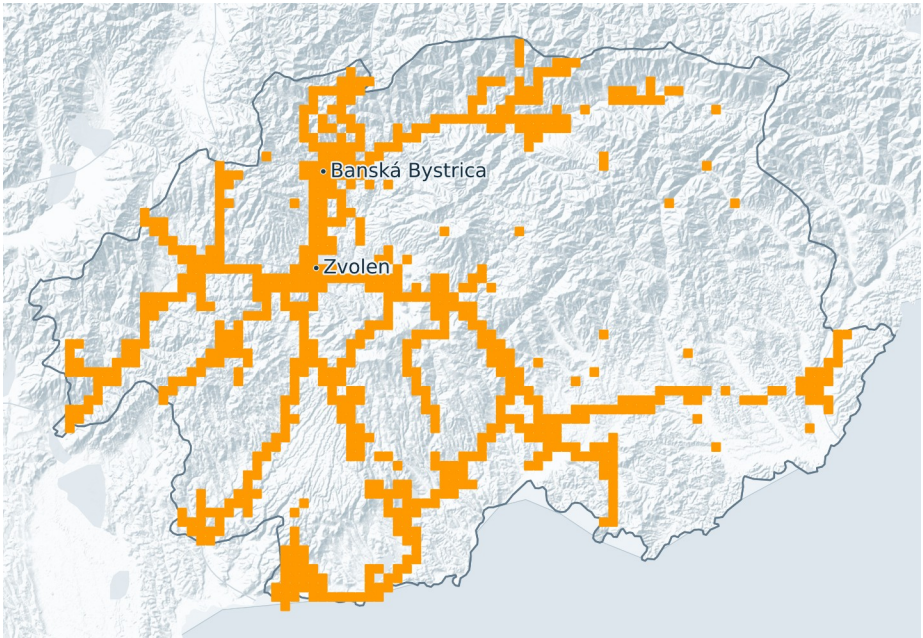
94,84 %

In mobility Pop. Coverage

98,30 %

nPerf Coverage Score

96,57 %



Geographical Coverage

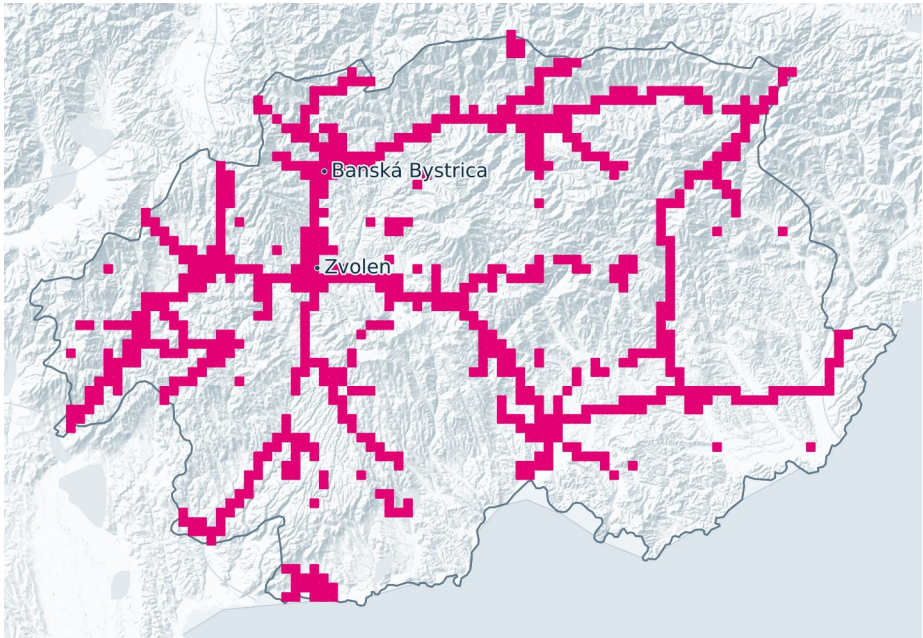
92,06 %

In mobility Pop. Coverage

97,38 %

nPerf Coverage Score

94,72 %



4G coverage — Bratislavský



O₂

Geographical Coverage

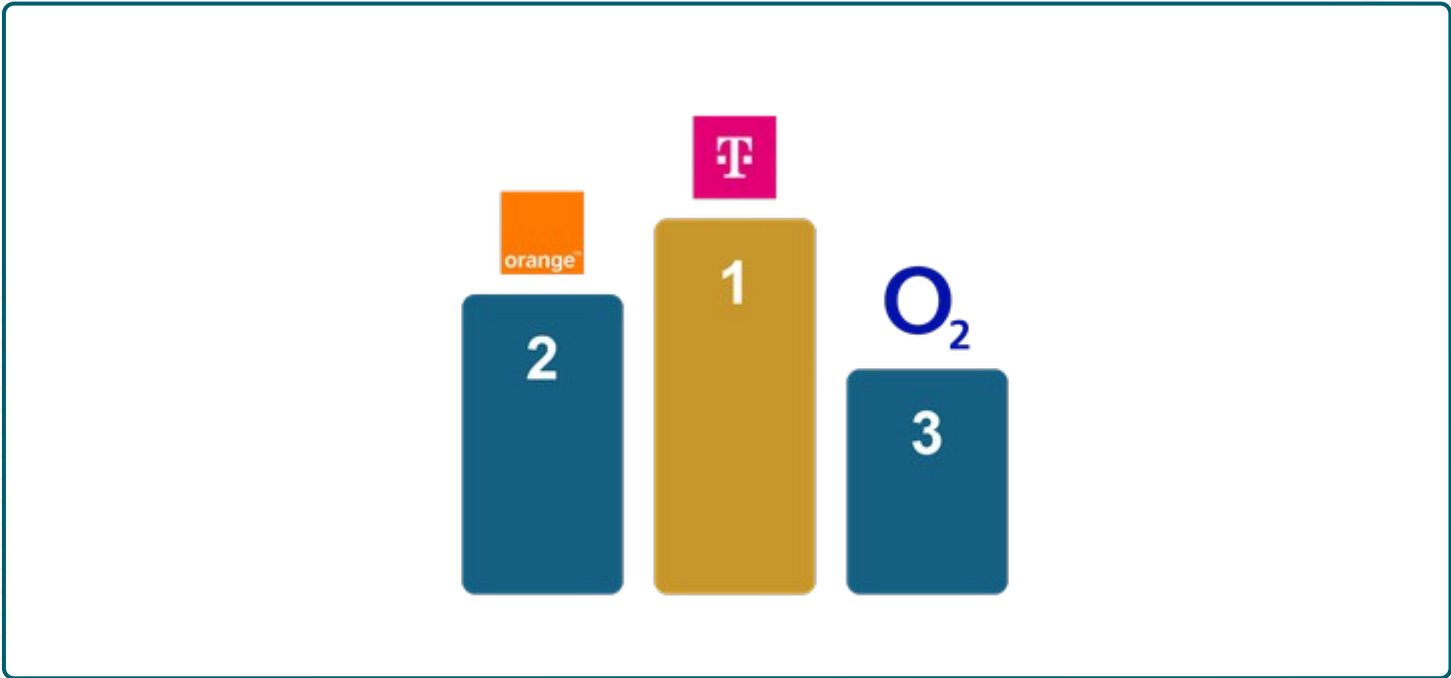
97,72 %

In mobility Pop. Coverage

99,65 %

nPerf Coverage Score

98,69 %



orange

Geographical Coverage

97,72 %

In mobility Pop. Coverage

99,73 %

nPerf Coverage Score

98,72 %

T

Geographical Coverage

98,34 %

In mobility Pop. Coverage

99,53 %

nPerf Coverage Score

98,94 %

4G coverage — Košický



O₂

Geographical Coverage

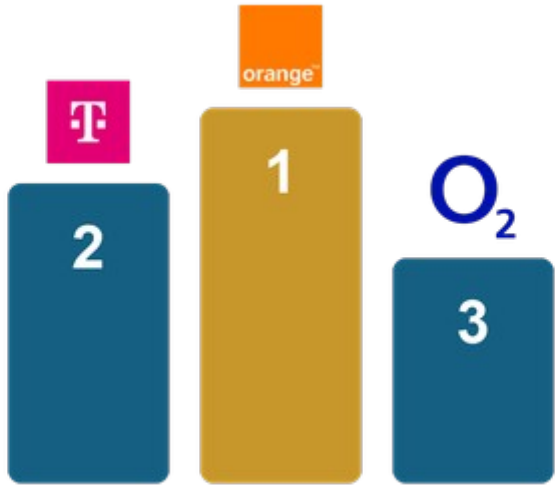
97,08 %

In mobility Pop. Coverage

98,42 %

nPerf Coverage Score

97,75 %



Geographical Coverage

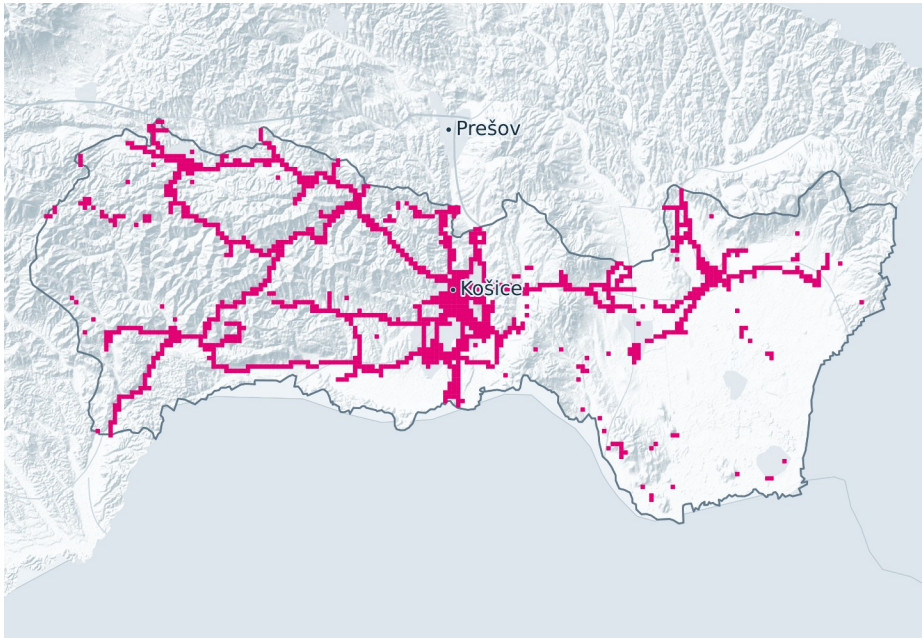
97,87 %

In mobility Pop. Coverage

99,28 %

nPerf Coverage Score

98,58 %



Geographical Coverage

97,14 %

In mobility Pop. Coverage

99,15 %

nPerf Coverage Score

98,15 %

4G coverage — Nitriansky



O₂

Geographical Coverage

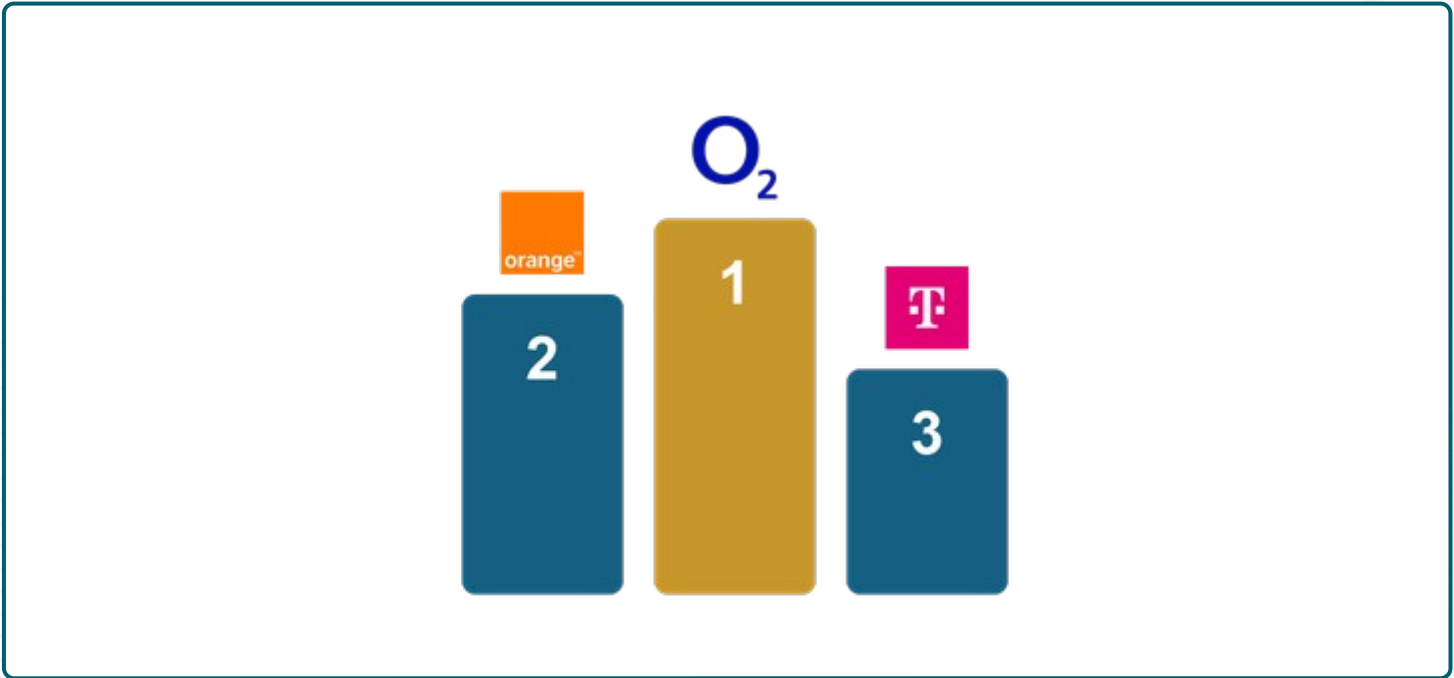
98,38 %

In mobility Pop. Coverage

99,48 %

nPerf Coverage Score

98,93 %



orange

Geographical Coverage

97,86 %

In mobility Pop. Coverage

99,18 %

nPerf Coverage Score

98,52 %

T

Geographical Coverage

97,45 %

In mobility Pop. Coverage

99,15 %

nPerf Coverage Score

98,30 %

4G coverage — Prešovský



O₂

Geographical Coverage

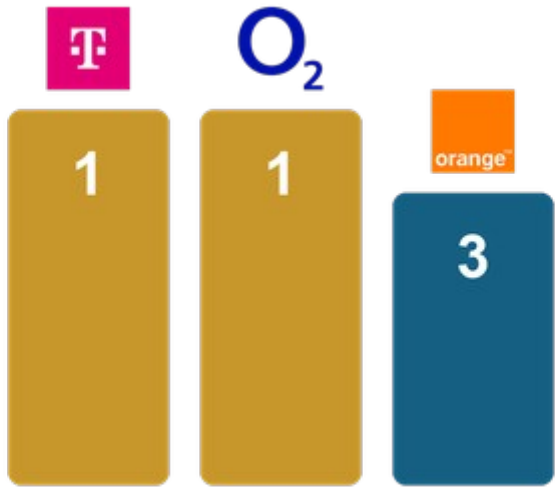
96,29 %

In mobility Pop. Coverage

98,80 %

nPerf Coverage Score

97,54 %



Geographical Coverage

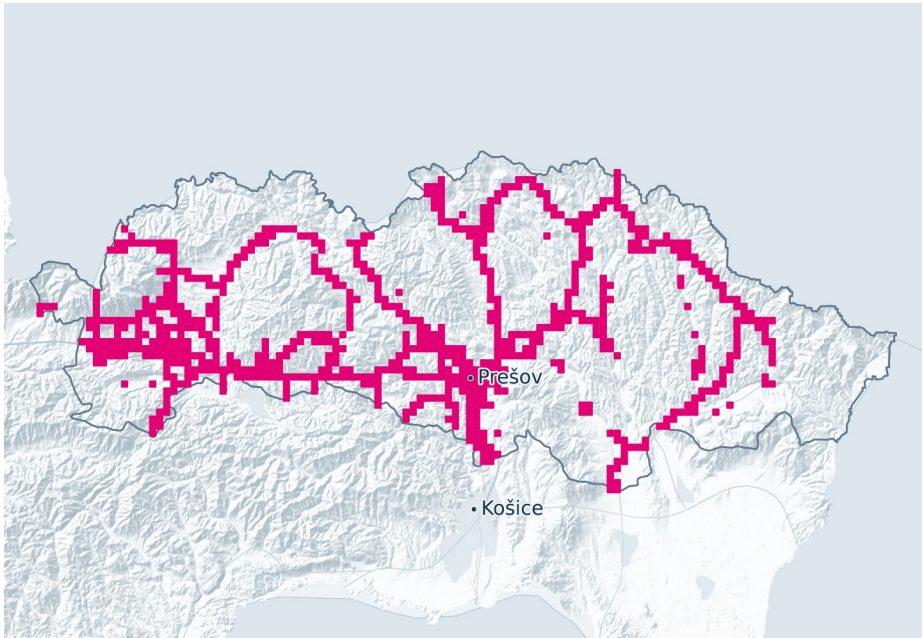
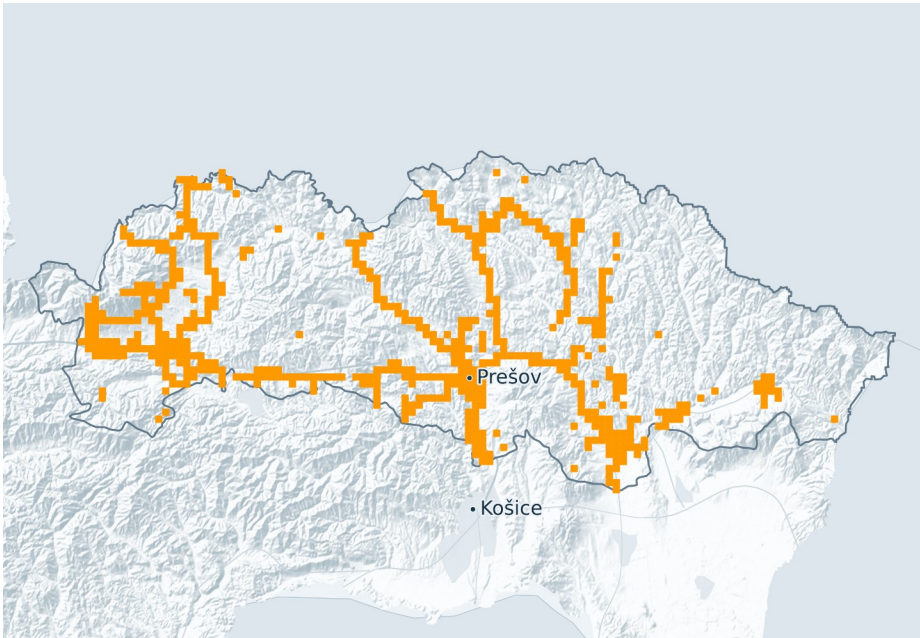
95,83 %

In mobility Pop. Coverage

98,36 %

nPerf Coverage Score

97,10 %



Geographical Coverage

96,19 %

In mobility Pop. Coverage

98,90 %

nPerf Coverage Score

97,54 %

4G coverage — Trenčiansky





Geographical Coverage

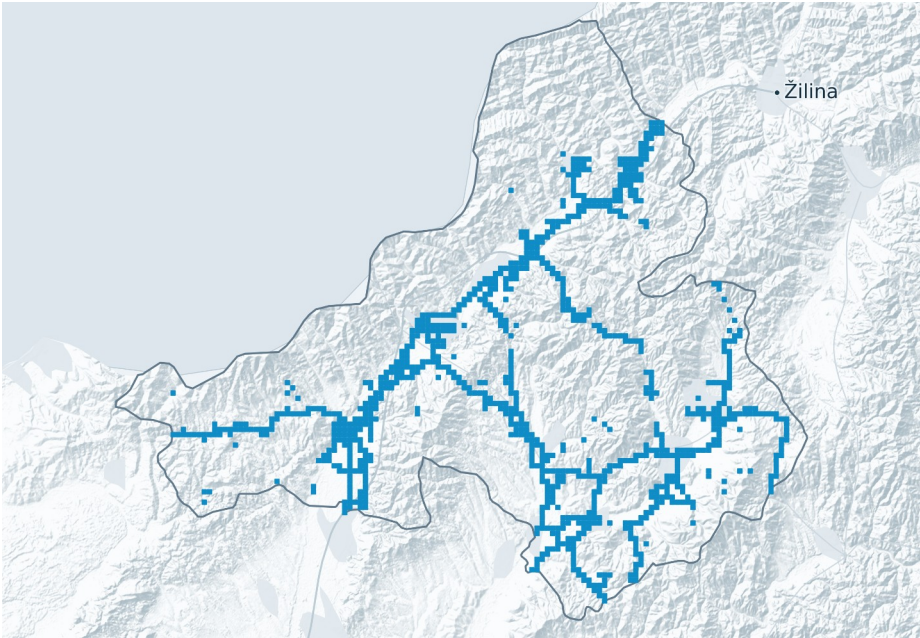
95,49 %

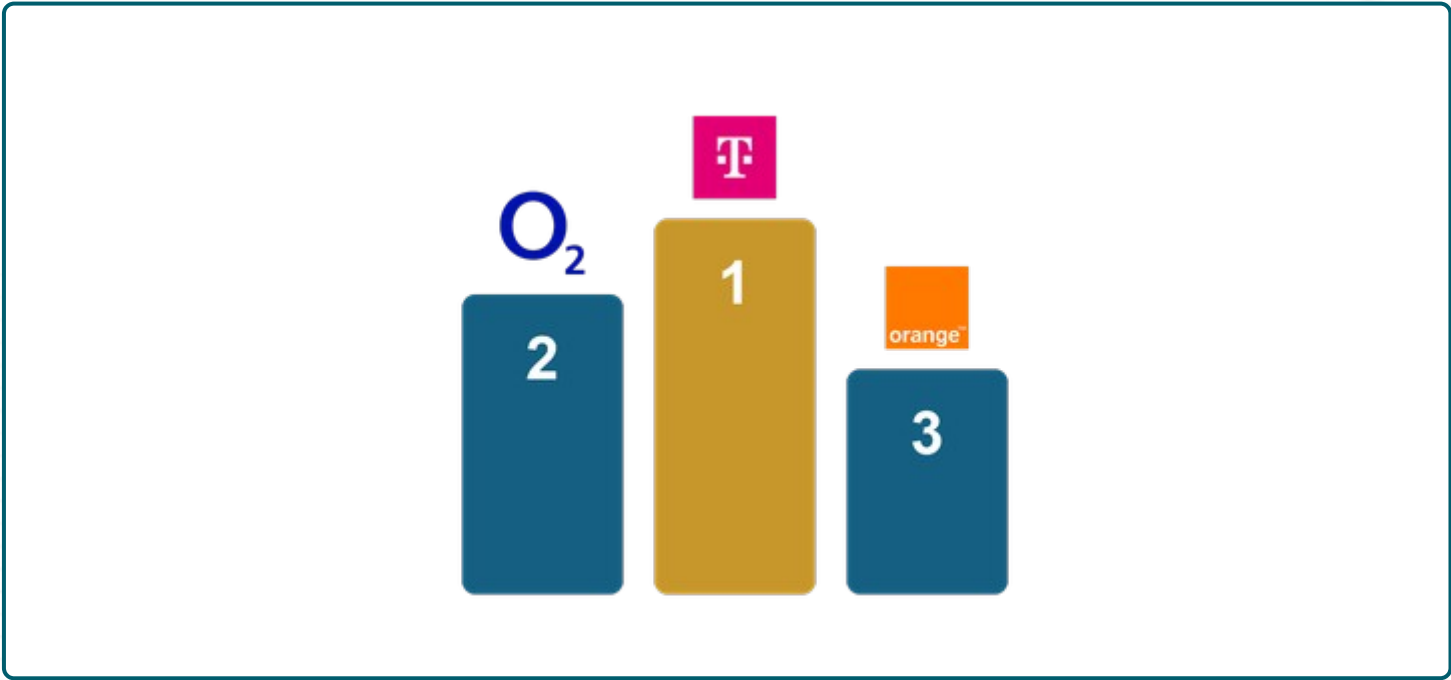
In mobility Pop. Coverage

98,85 %

nPerf Coverage Score

97,17 %







Geographical Coverage

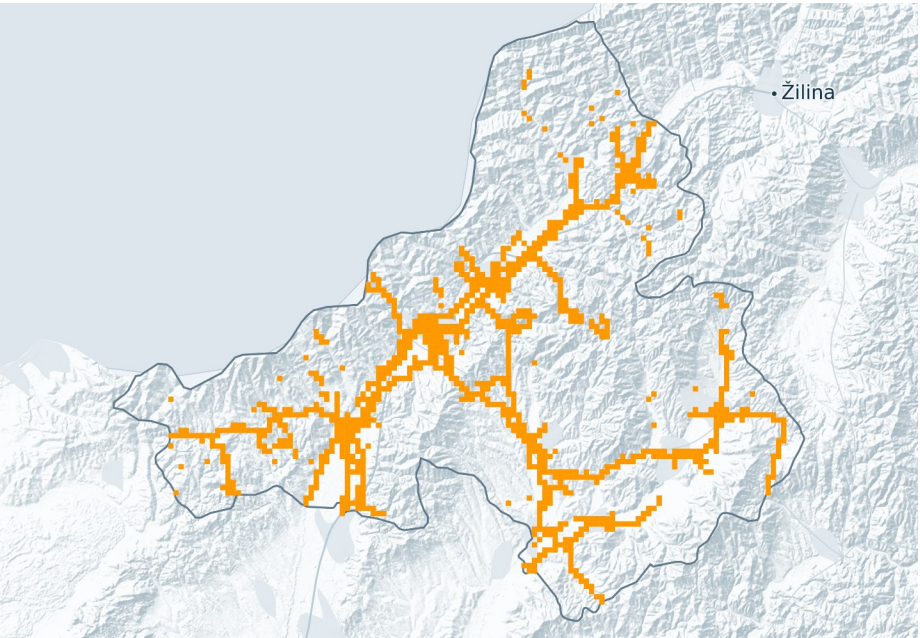
94,72 %

In mobility Pop. Coverage

98,60 %

nPerf Coverage Score

96,66 %





Geographical Coverage

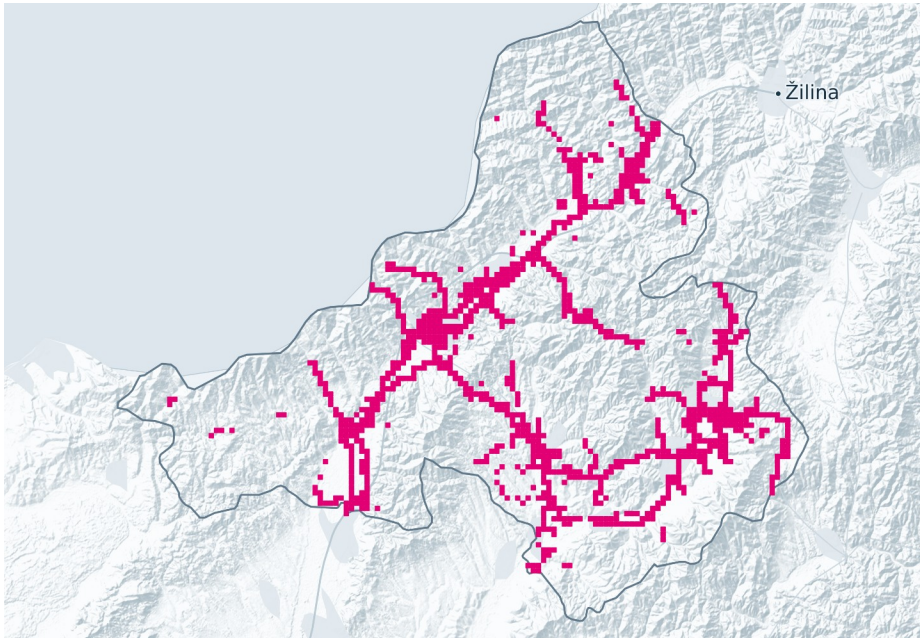
96,84 %

In mobility Pop. Coverage

99,43 %

nPerf Coverage Score

98,14 %



4G coverage — Trnavský



O₂

Geographical Coverage

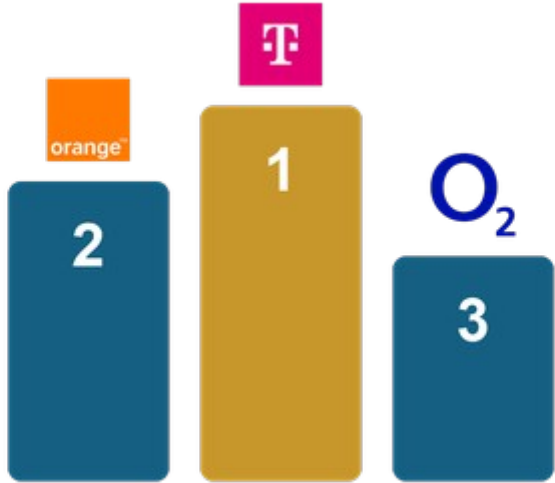
96,80 %

In mobility Pop. Coverage

98,91 %

nPerf Coverage Score

97,86 %



Geographical Coverage

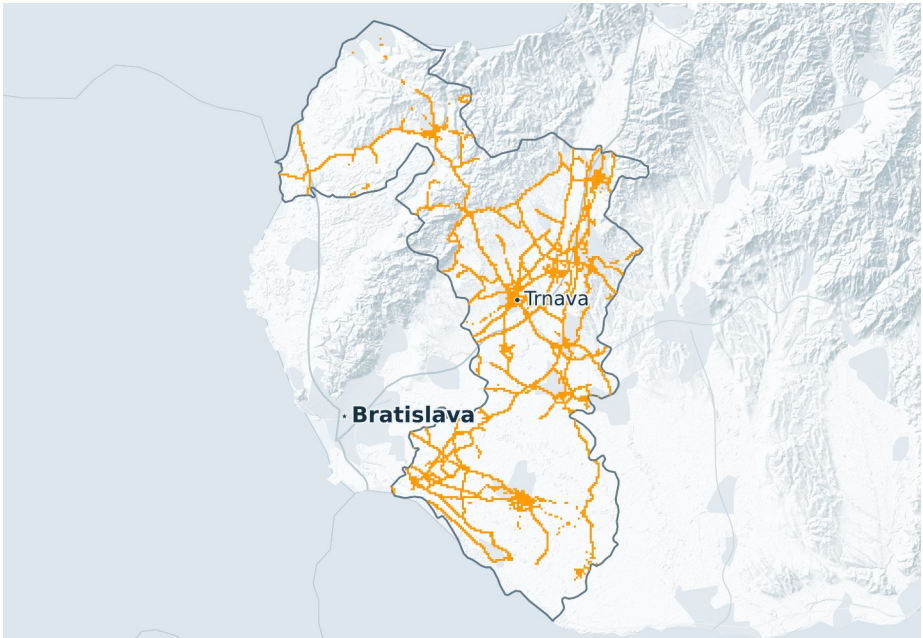
97,78 %

In mobility Pop. Coverage

99,07 %

nPerf Coverage Score

98,42 %



Geographical Coverage

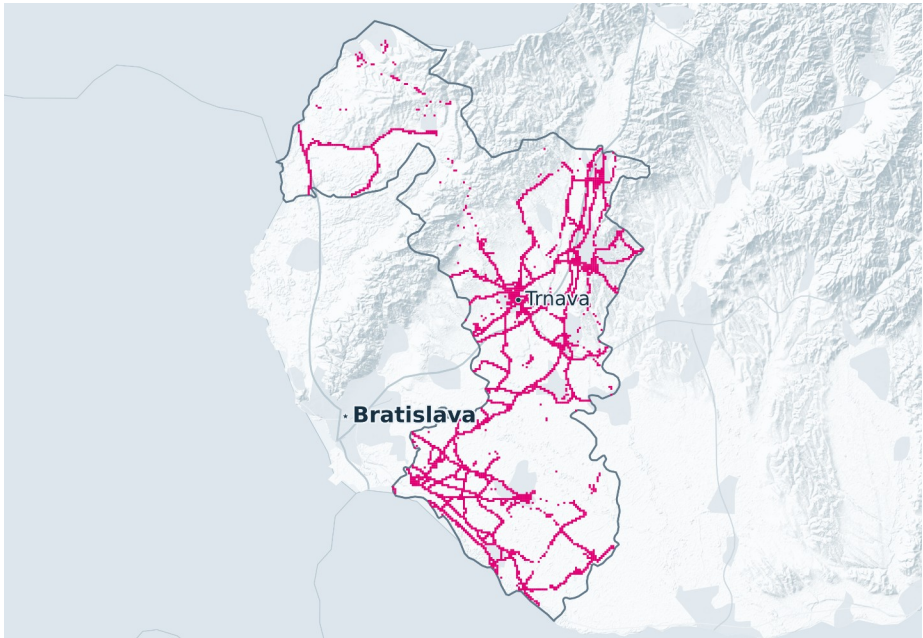
98,01 %

In mobility Pop. Coverage

99,45 %

nPerf Coverage Score

98,73 %



4G coverage — Žilinský



O₂

Geographical Coverage

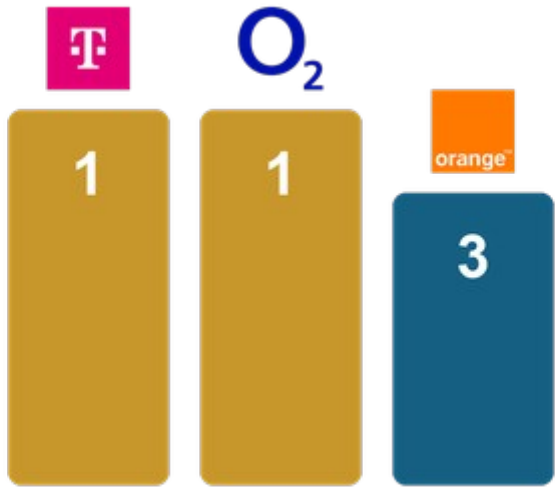
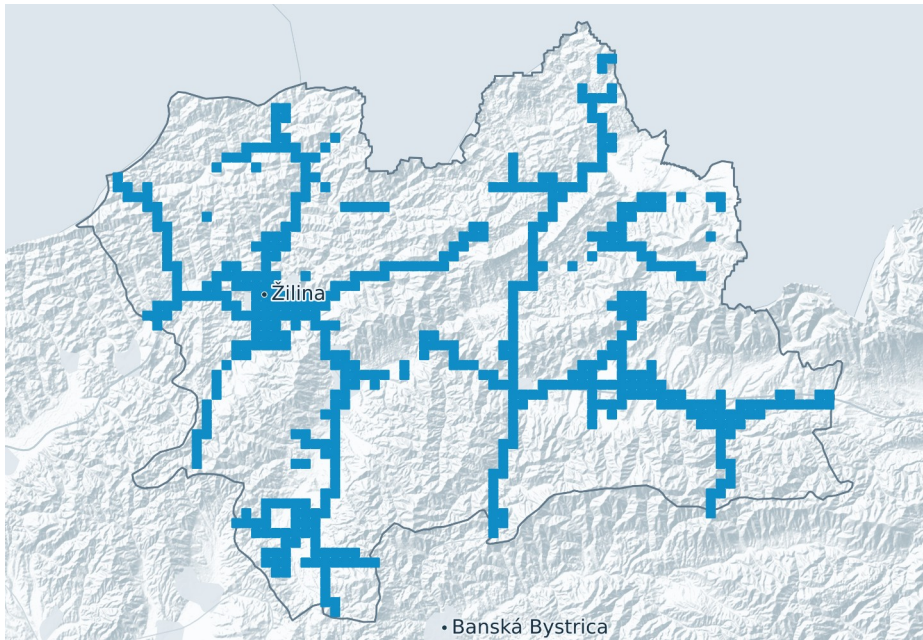
97,28 %

In mobility Pop. Coverage

99,09 %

nPerf Coverage Score

98,19 %



Geographical Coverage

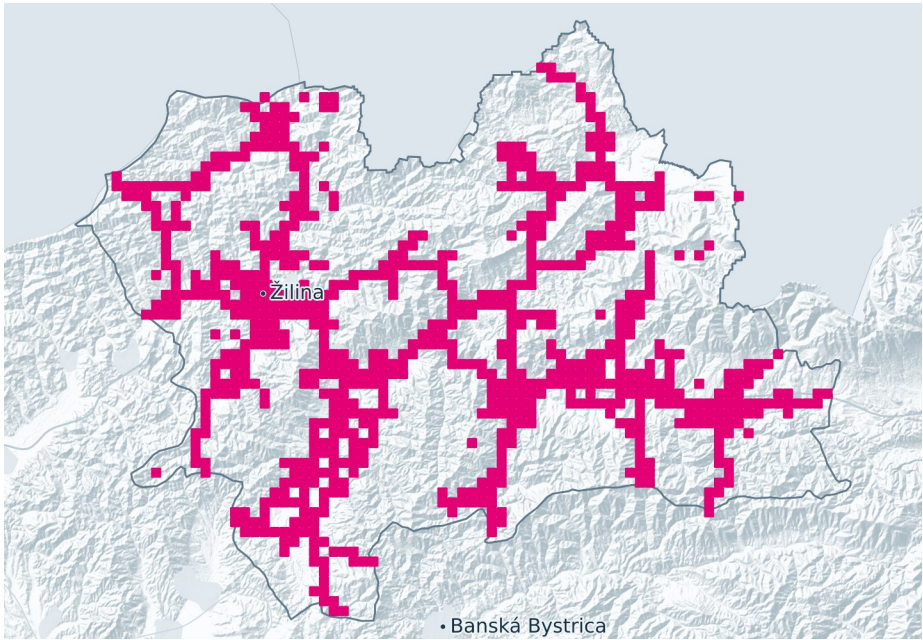
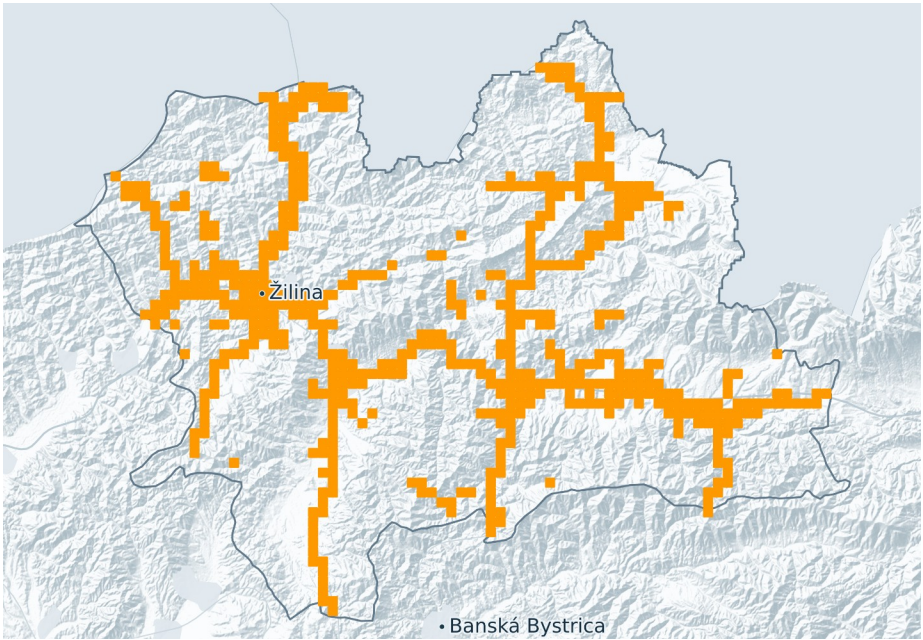
96,81 %

In mobility Pop. Coverage

99,26 %

nPerf Coverage Score

98,04 %



Geographical Coverage

96,98 %

In mobility Pop. Coverage

99,40 %

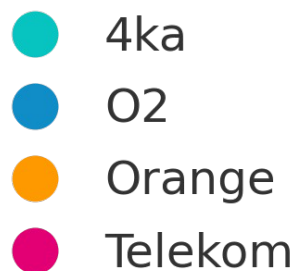
nPerf Coverage Score

98,19 %

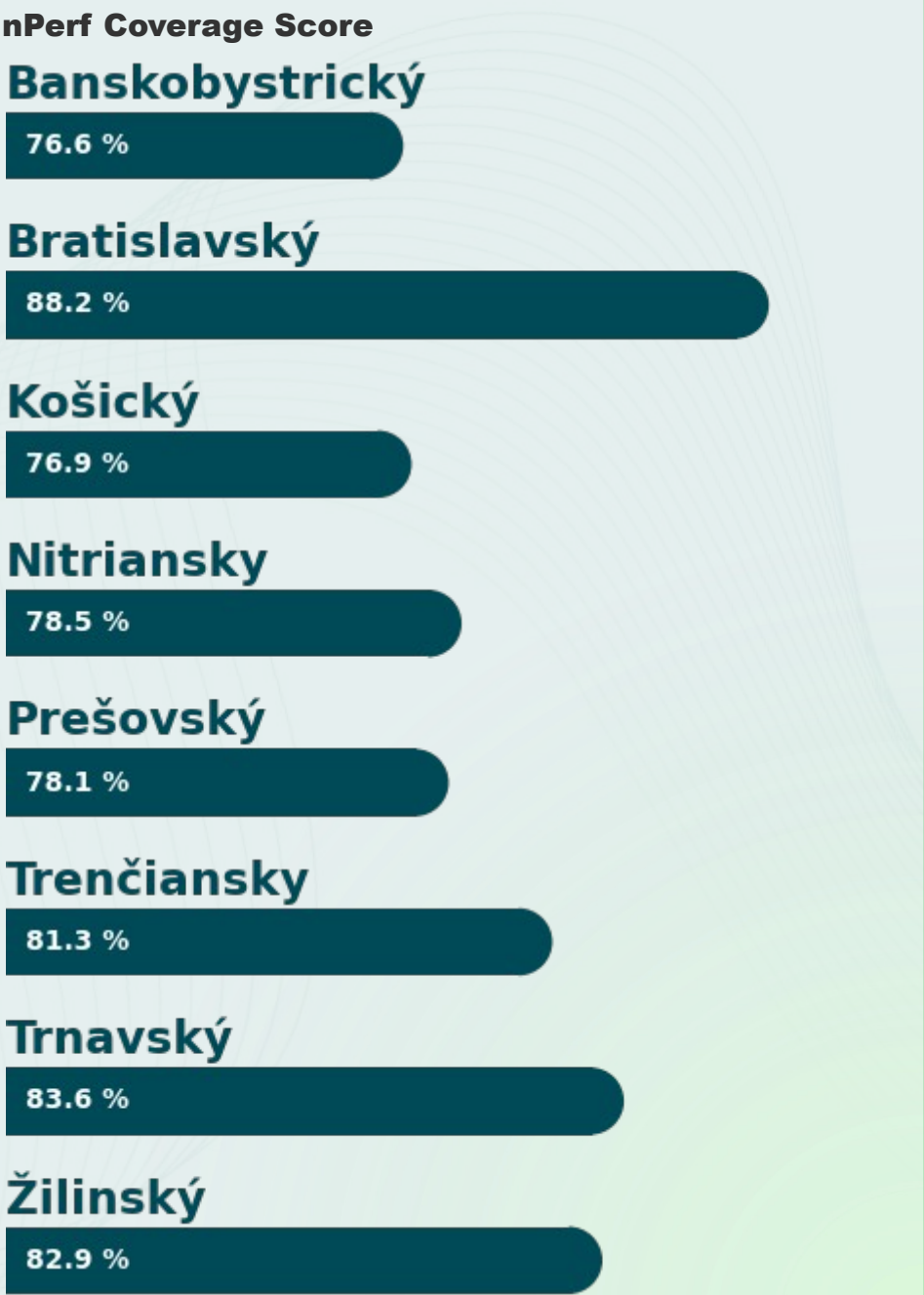
8. Regional 5G coverage: Methodology



Regions	Measurements	Device count	Measurements per operator
Bratislavský	601 022	18 341	58% 23% 19%
Prešovský	481 154	10 285	77% 12% 11%
Nitriansky	399 522	15 126	21% 41% 39%
Trnavský	386 437	14 502	21% 54% 25%
Žilinský	323 335	14 319	60% 26% 14%
Košický	295 814	7 673	66% 20% 14%
Banskobystrický	225 579	10 855	42% 38% 19%
Trenčiansky	222 986	10 989	51% 26% 23%

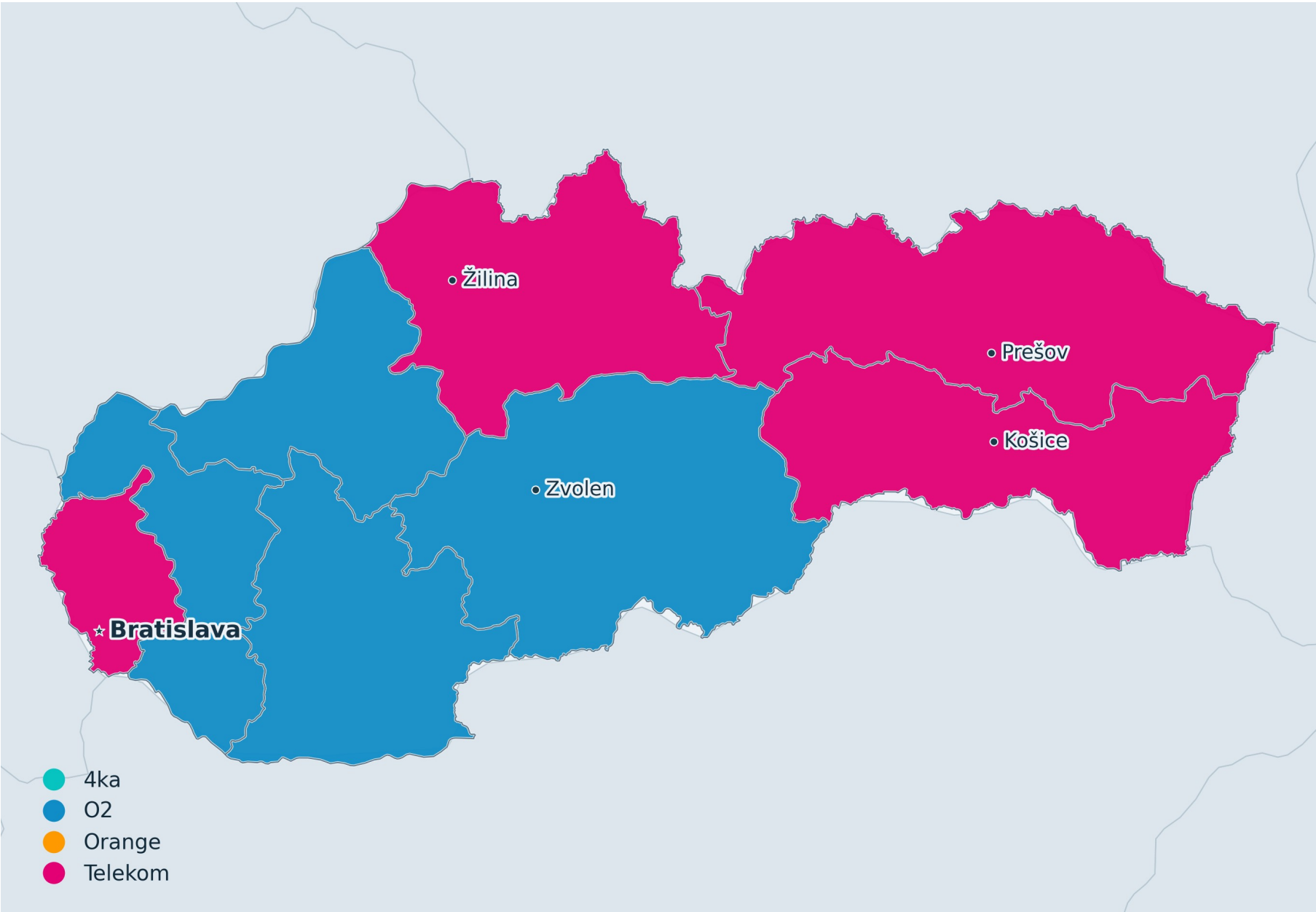


Regional 5G coverage



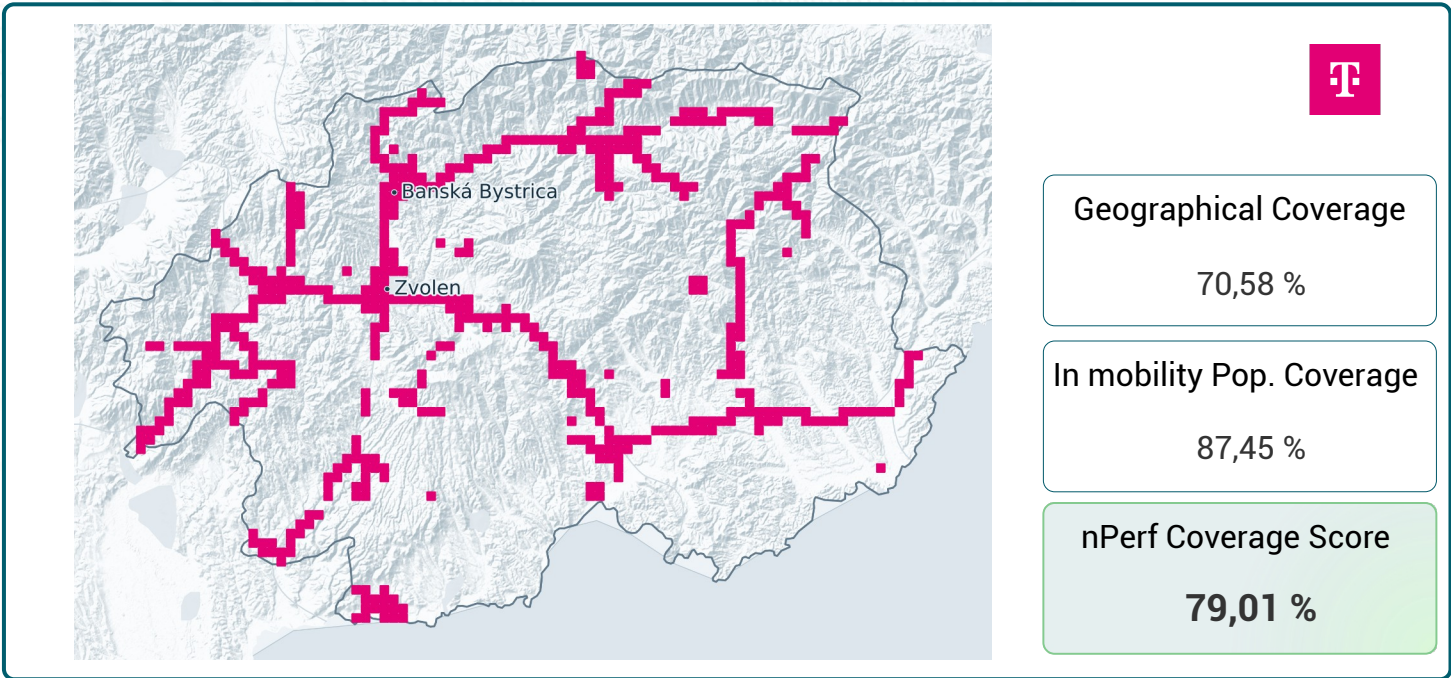
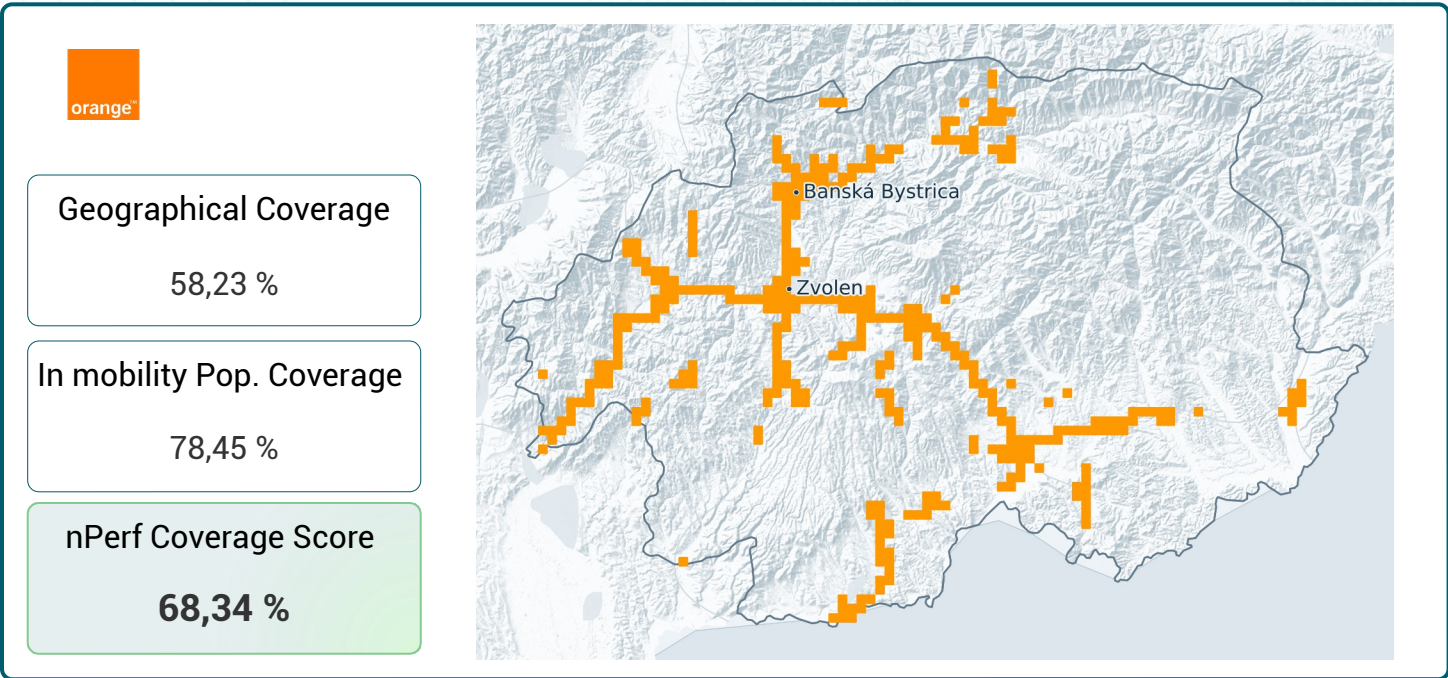
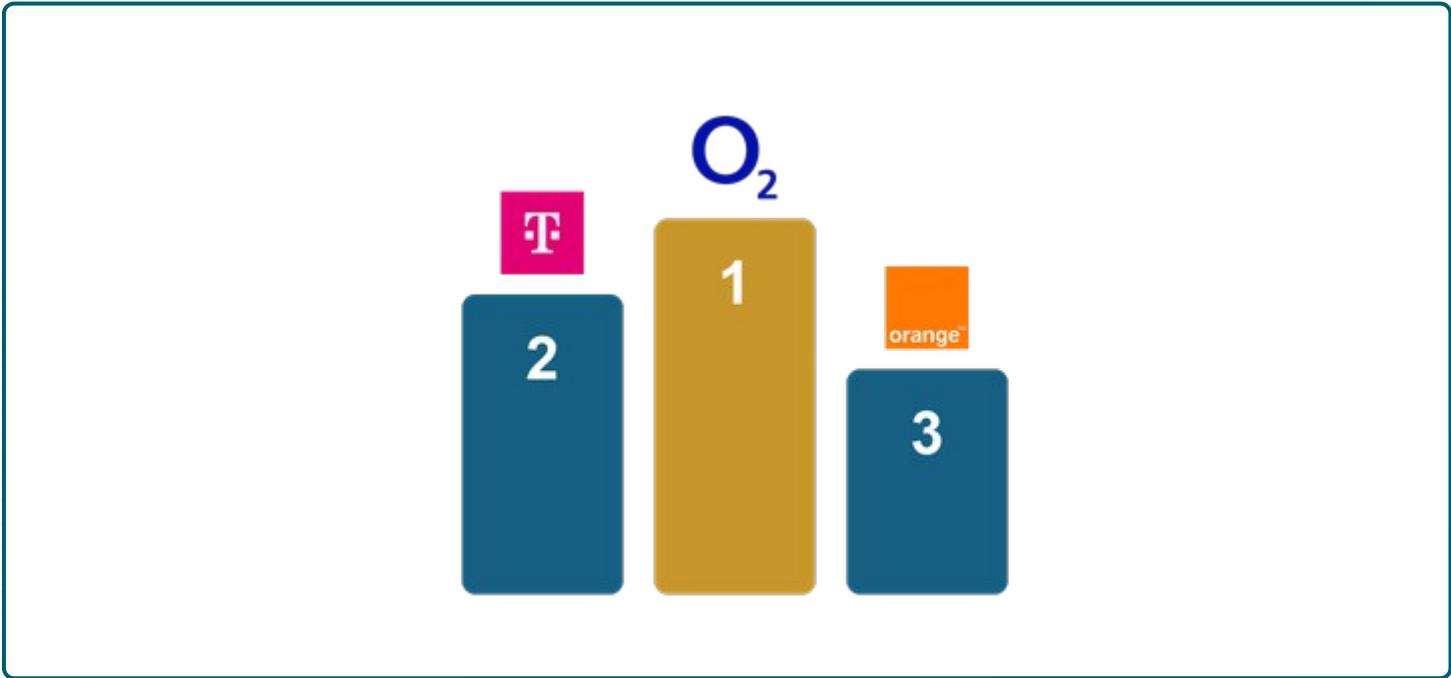
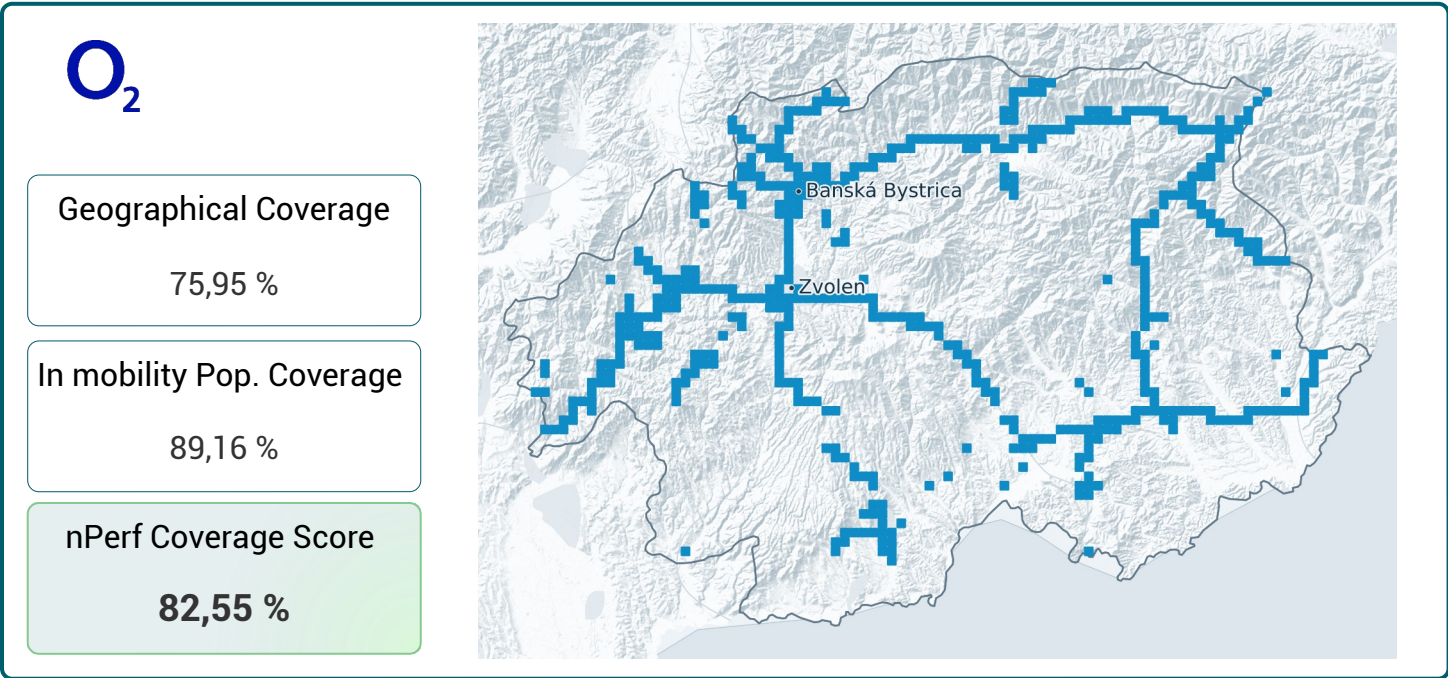
Source : nPerf.com

Regional Winner



Source : nPerf.com

5G coverage — Banskobystrický



5G coverage — Bratislavský



O₂

Geographical Coverage

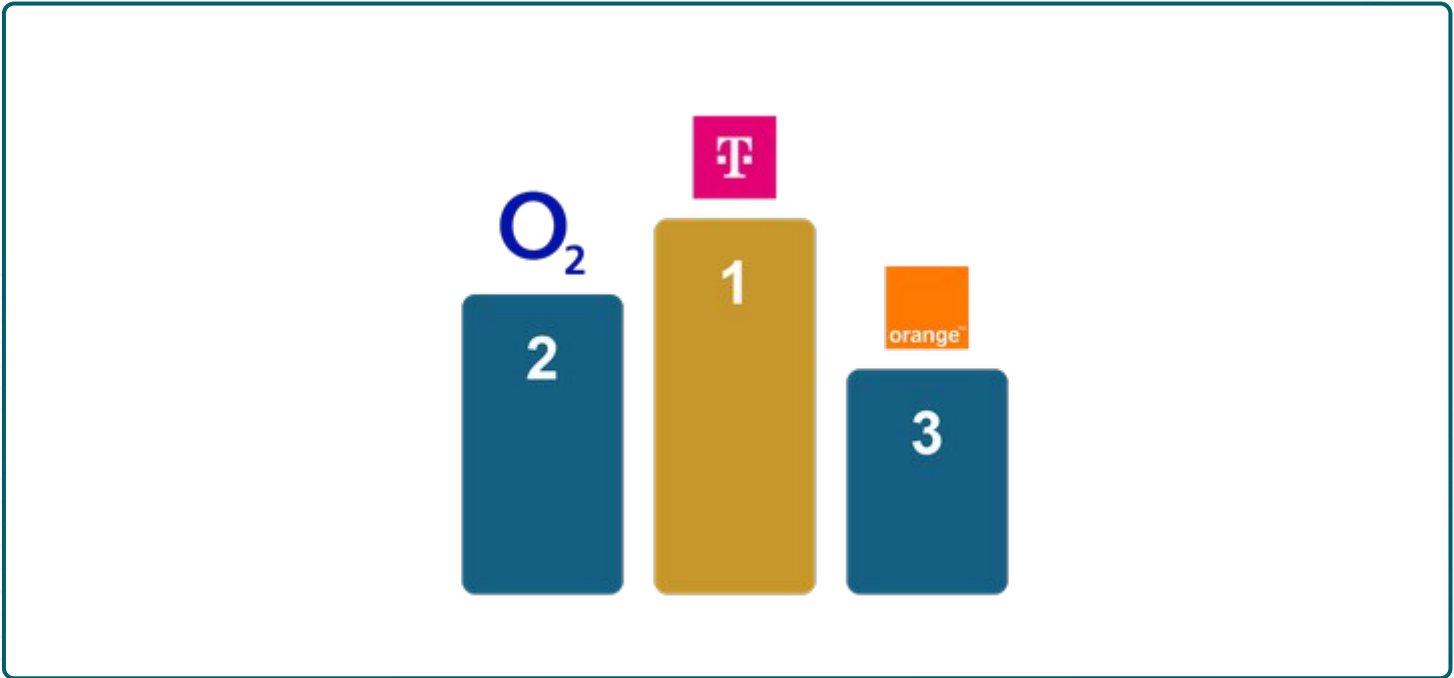
82,49 %

In mobility Pop. Coverage

94,06 %

nPerf Coverage Score

88,28 %



orange

Geographical Coverage

75,07 %

In mobility Pop. Coverage

92,04 %

nPerf Coverage Score

83,55 %

T

Geographical Coverage

88,40 %

In mobility Pop. Coverage

97,05 %

nPerf Coverage Score

92,73 %

5G coverage — Košický



O₂

Geographical Coverage

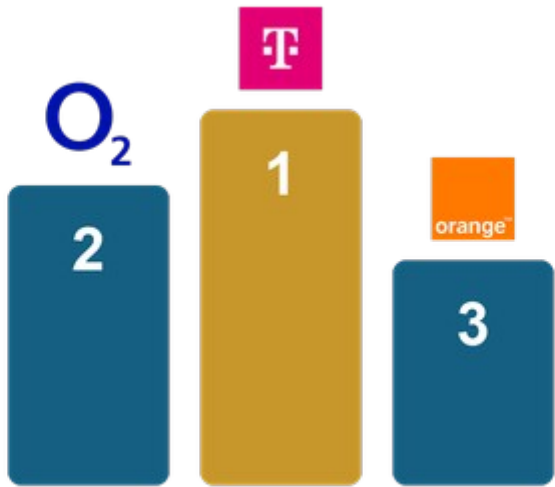
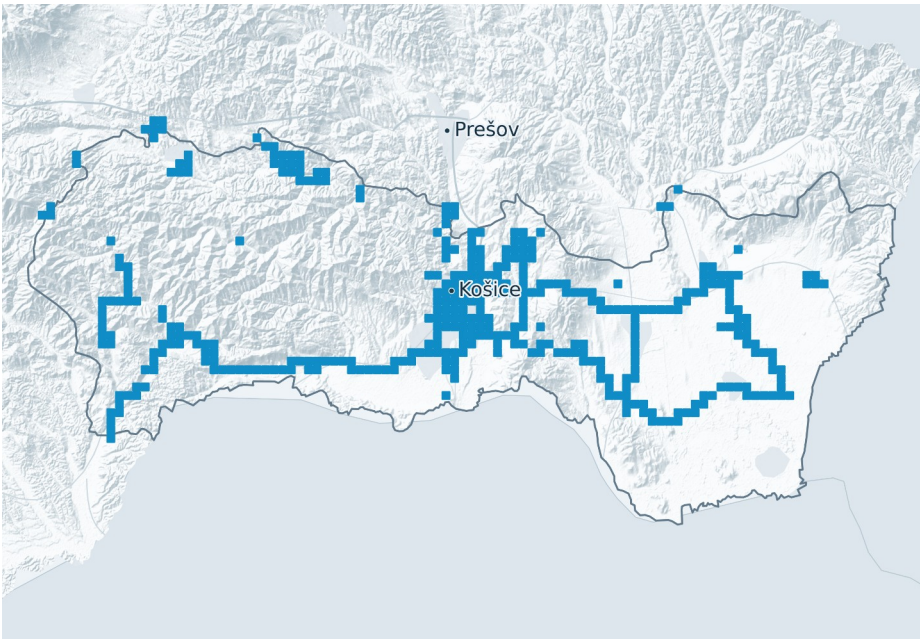
72,03 %

In mobility Pop. Coverage

86,71 %

nPerf Coverage Score

79,37 %



Geographical Coverage

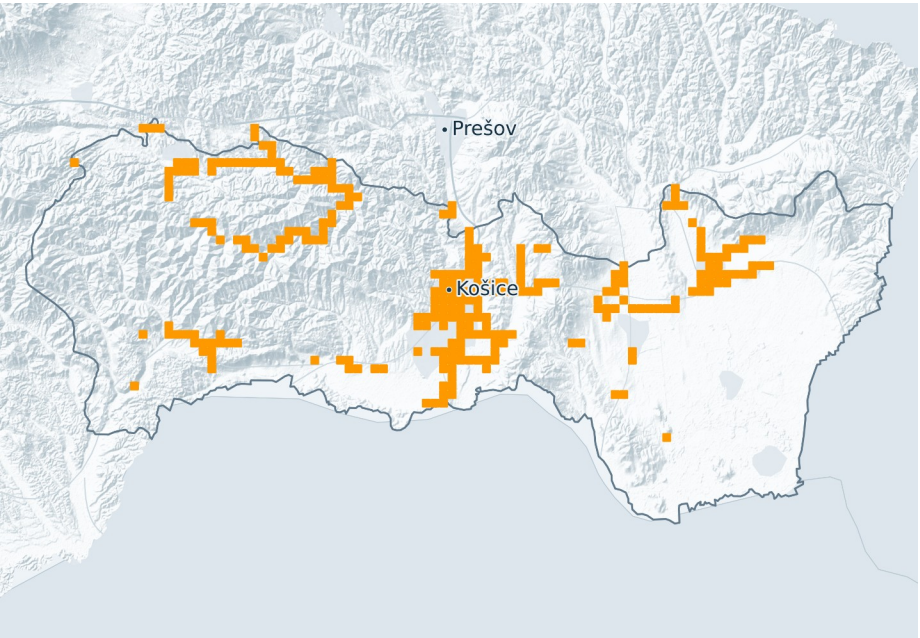
63,11 %

In mobility Pop. Coverage

75,12 %

nPerf Coverage Score

69,12 %



Geographical Coverage

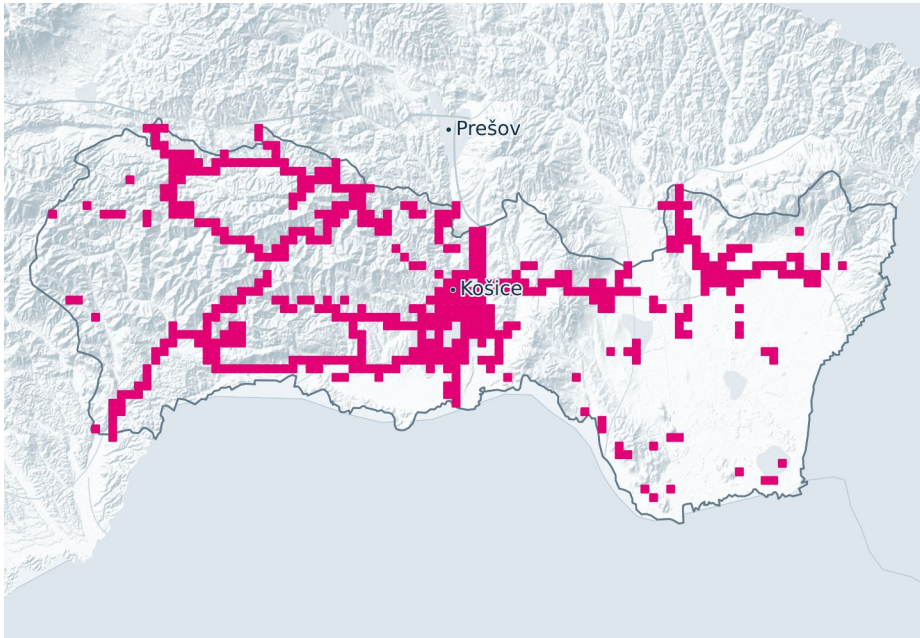
76,39 %

In mobility Pop. Coverage

88,00 %

nPerf Coverage Score

82,19 %



5G coverage — Nitriansky



O₂

Geographical Coverage

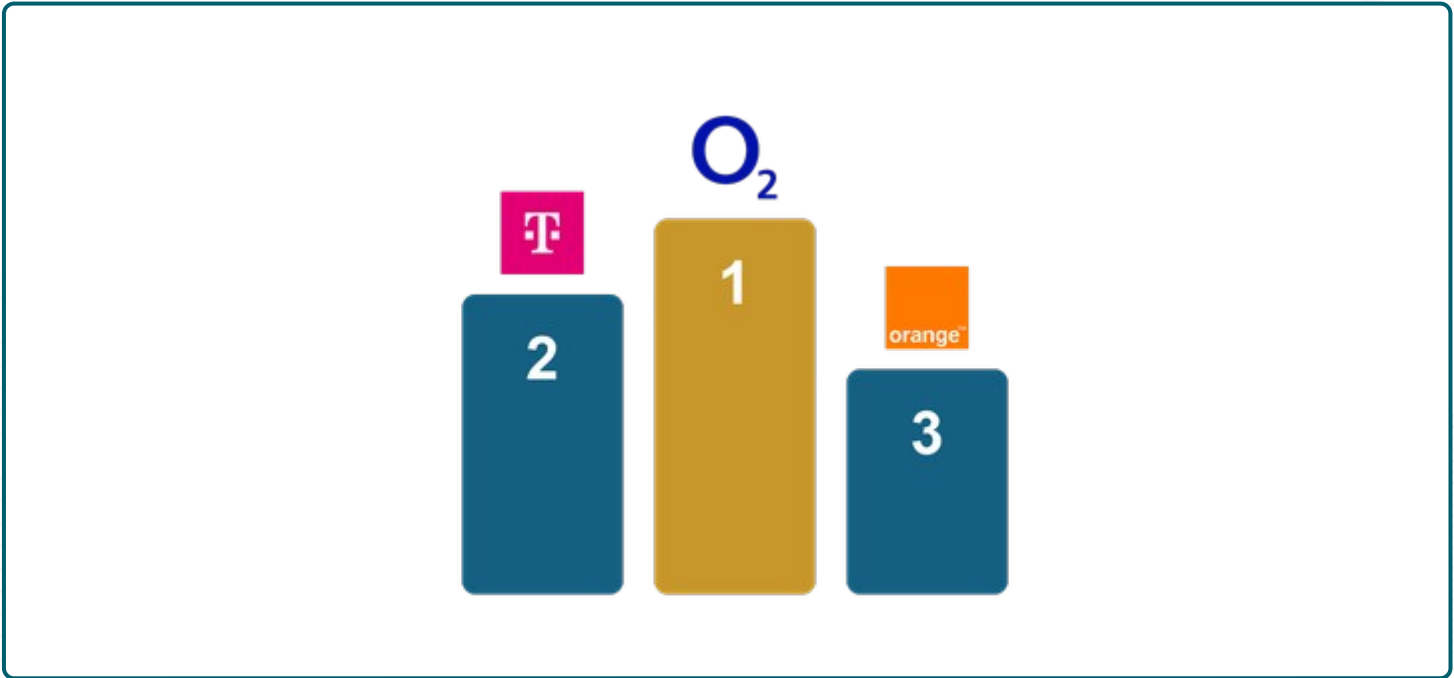
80,11 %

In mobility Pop. Coverage

91,39 %

nPerf Coverage Score

85,75 %



orange

Geographical Coverage

64,69 %

In mobility Pop. Coverage

82,81 %

nPerf Coverage Score

73,75 %

T

Geographical Coverage

69,19 %

In mobility Pop. Coverage

82,66 %

nPerf Coverage Score

75,93 %

5G coverage — Prešovský



O₂

Geographical Coverage

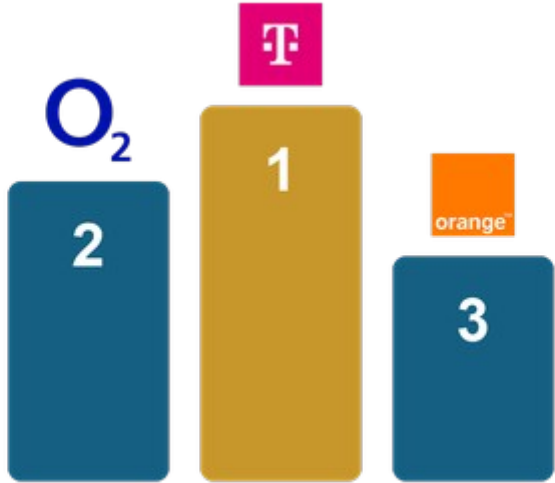
74,50 %

In mobility Pop. Coverage

88,93 %

nPerf Coverage Score

81,71 %



Geographical Coverage

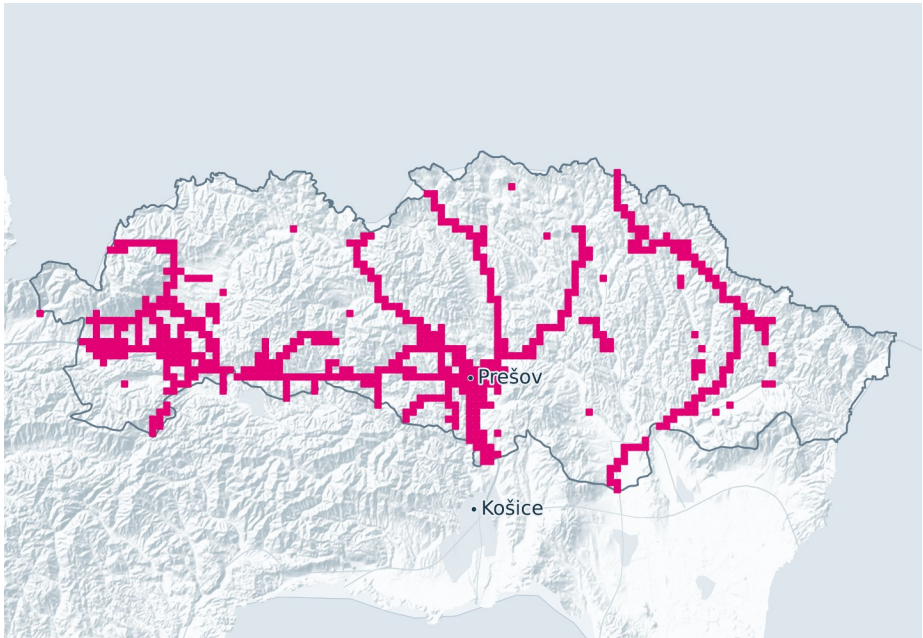
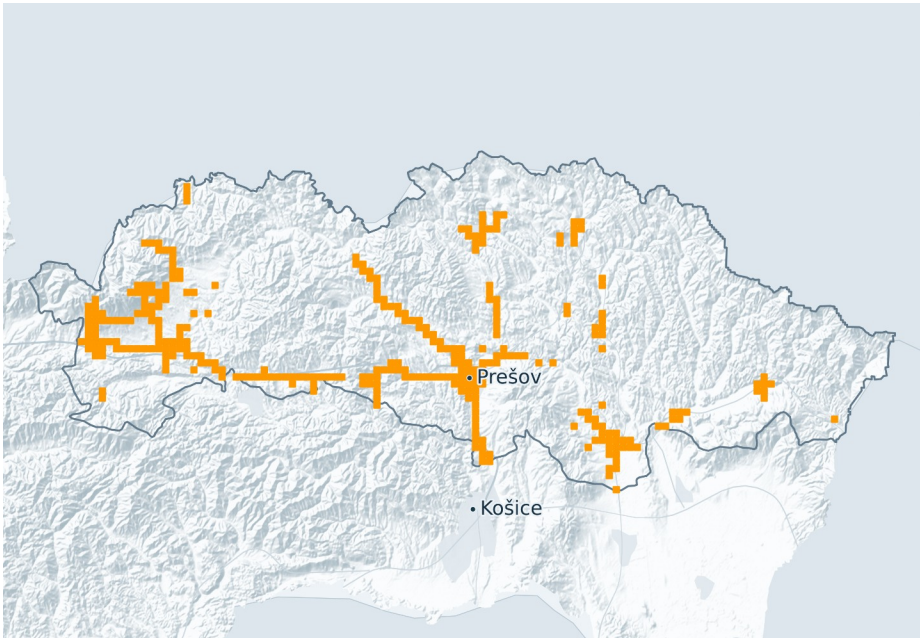
53,15 %

In mobility Pop. Coverage

77,49 %

nPerf Coverage Score

65,32 %



Geographical Coverage

81,24 %

In mobility Pop. Coverage

93,09 %

nPerf Coverage Score

87,17 %

5G coverage — Trenčiansky



O₂

Geographical Coverage

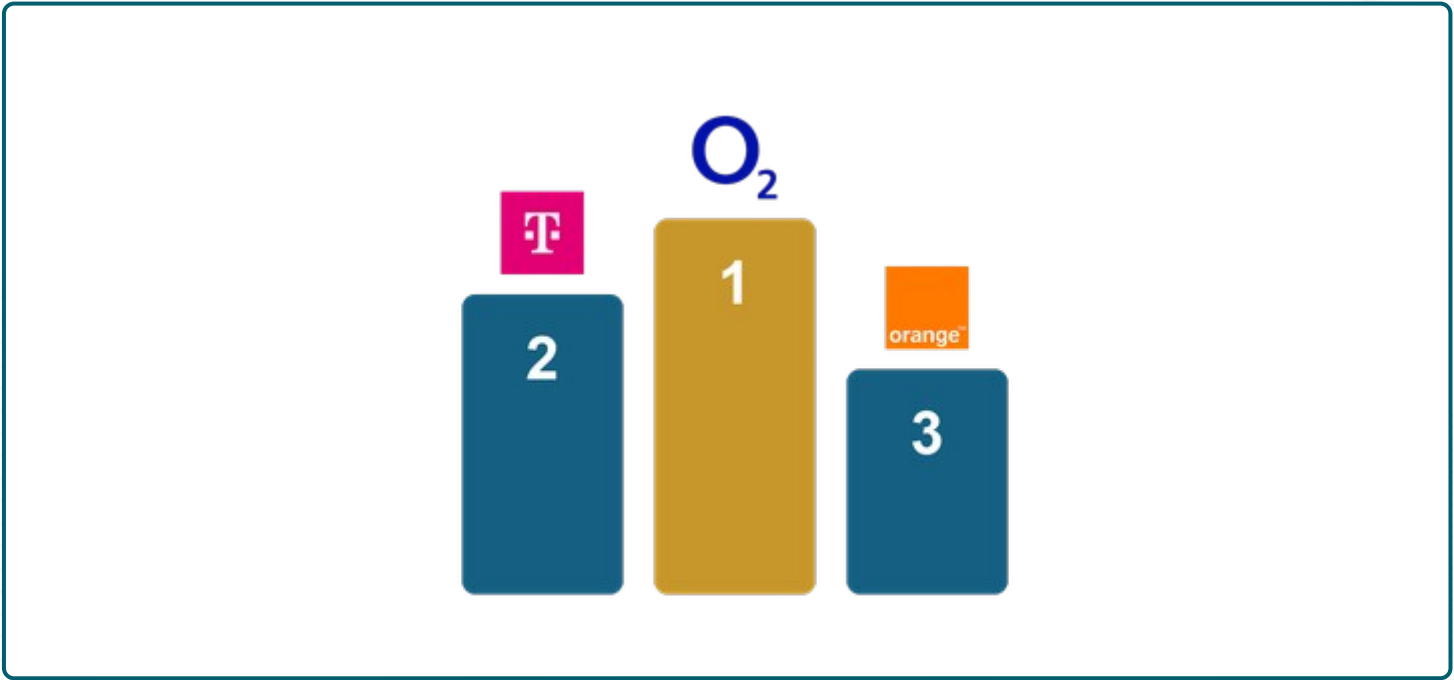
85,03 %

In mobility Pop. Coverage

94,29 %

nPerf Coverage Score

89,66 %



orange

Geographical Coverage

58,21 %

In mobility Pop. Coverage

84,05 %

nPerf Coverage Score

71,13 %

T

Geographical Coverage

74,35 %

In mobility Pop. Coverage

92,13 %

nPerf Coverage Score

83,24 %

5G coverage — Trnavský



O₂

Geographical Coverage

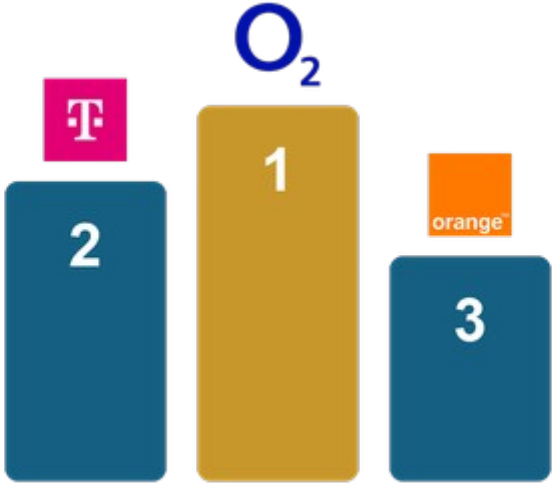
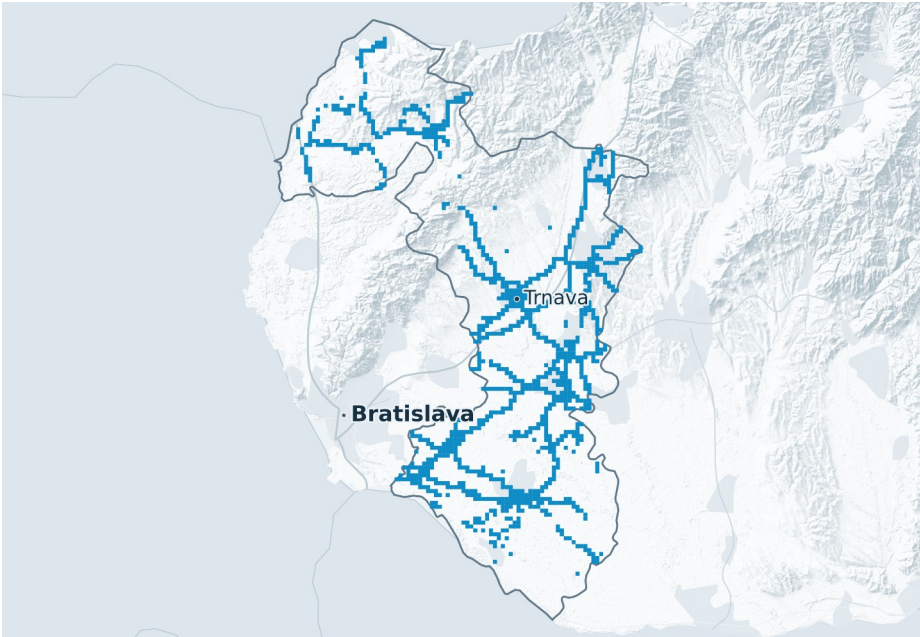
85,86 %

In mobility Pop. Coverage

93,73 %

nPerf Coverage Score

89,80 %



Geographical Coverage

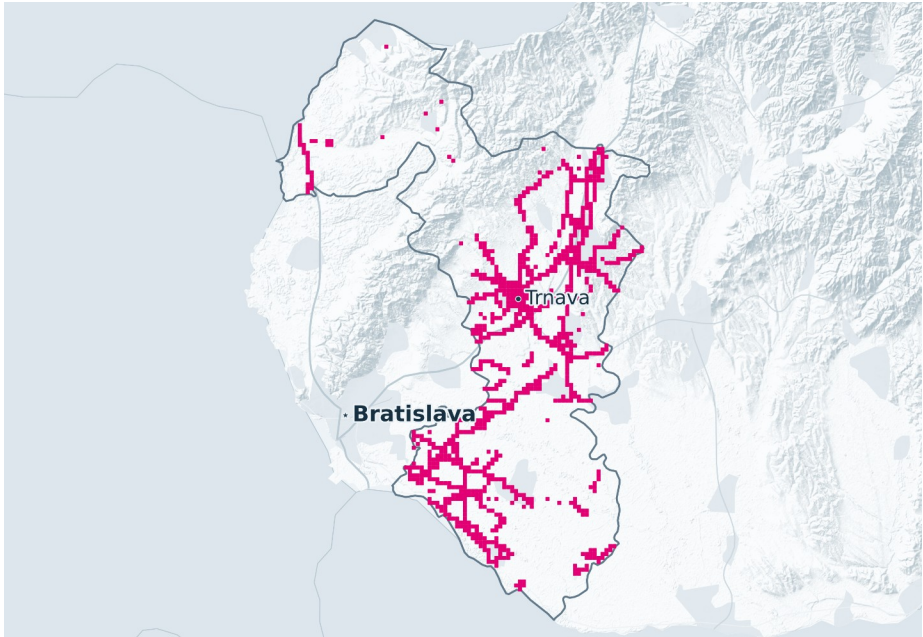
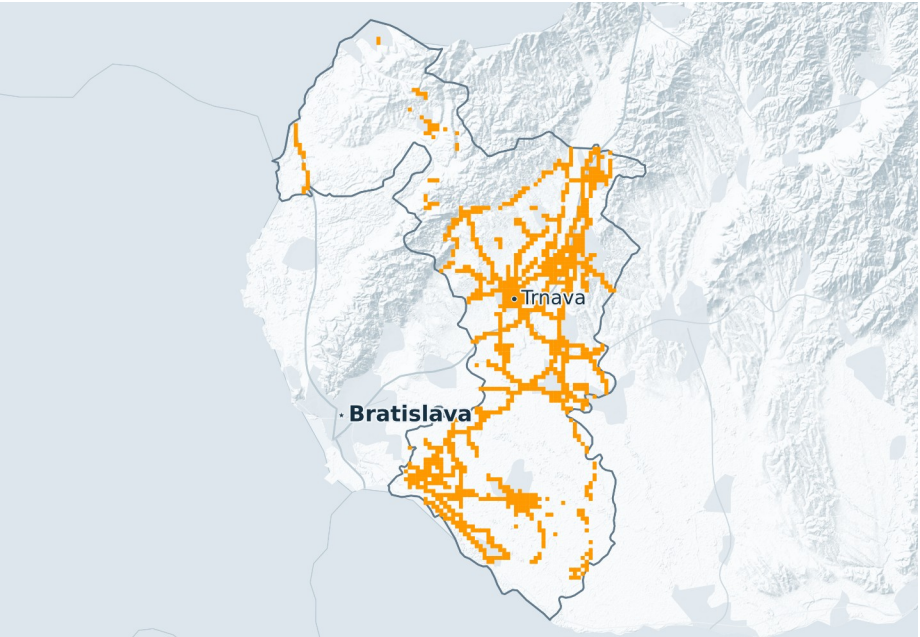
70,92 %

In mobility Pop. Coverage

87,86 %

nPerf Coverage Score

79,39 %



Geographical Coverage

73,06 %

In mobility Pop. Coverage

90,19 %

nPerf Coverage Score

81,63 %

5G coverage — Žilinský



O₂

Geographical Coverage

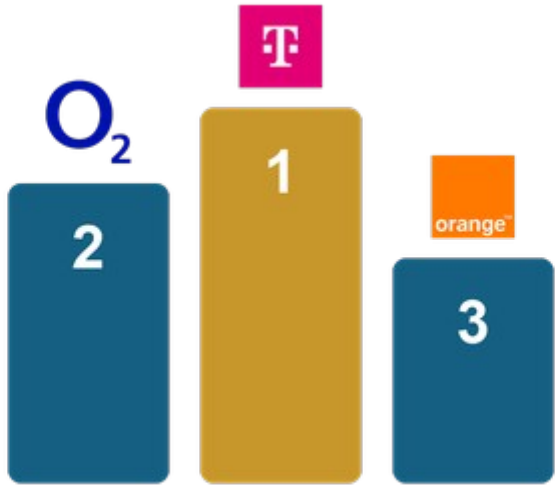
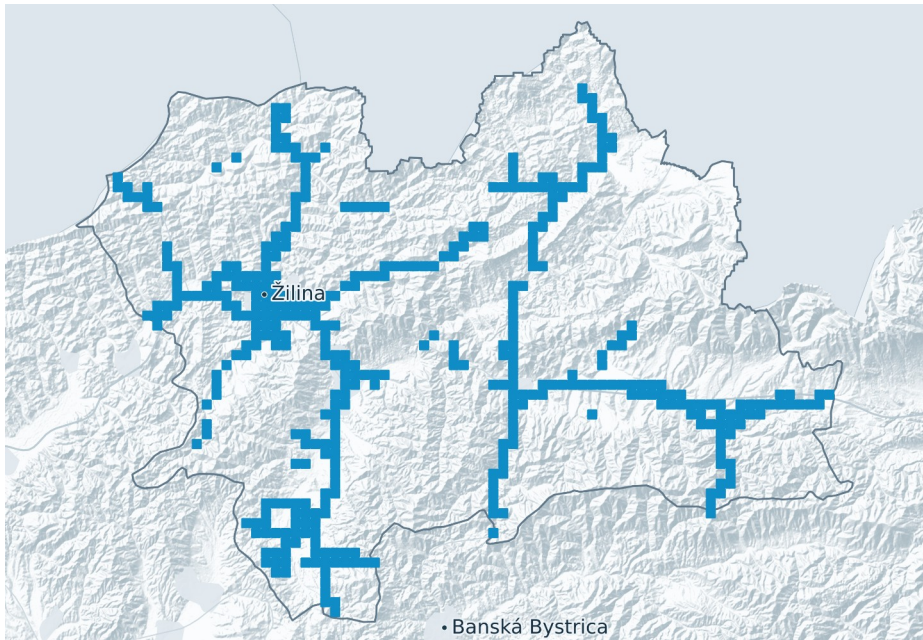
77,28 %

In mobility Pop. Coverage

85,45 %

nPerf Coverage Score

81,37 %



Geographical Coverage

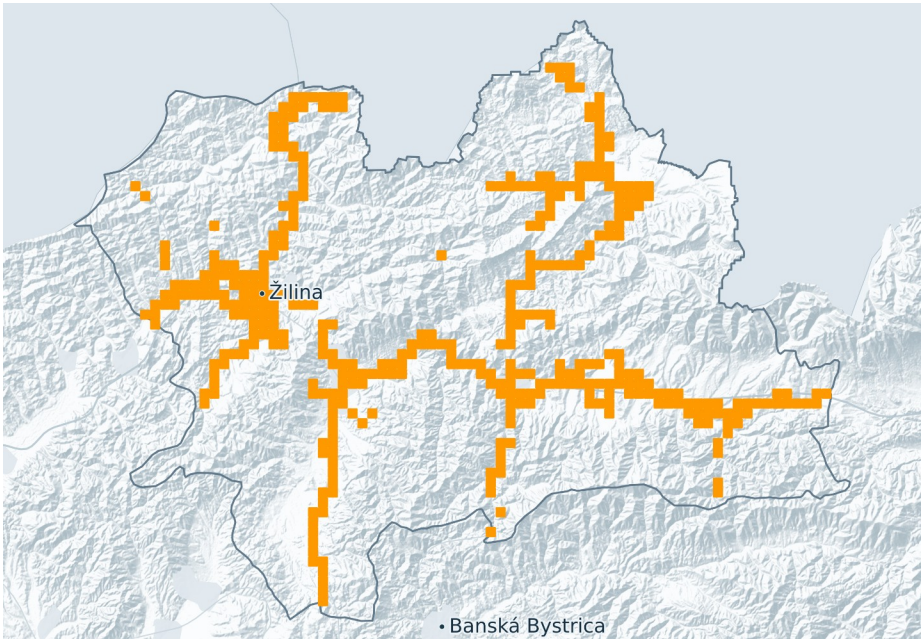
73,39 %

In mobility Pop. Coverage

87,17 %

nPerf Coverage Score

80,28 %



Geographical Coverage

80,33 %

In mobility Pop. Coverage

93,90 %

nPerf Coverage Score

87,12 %

