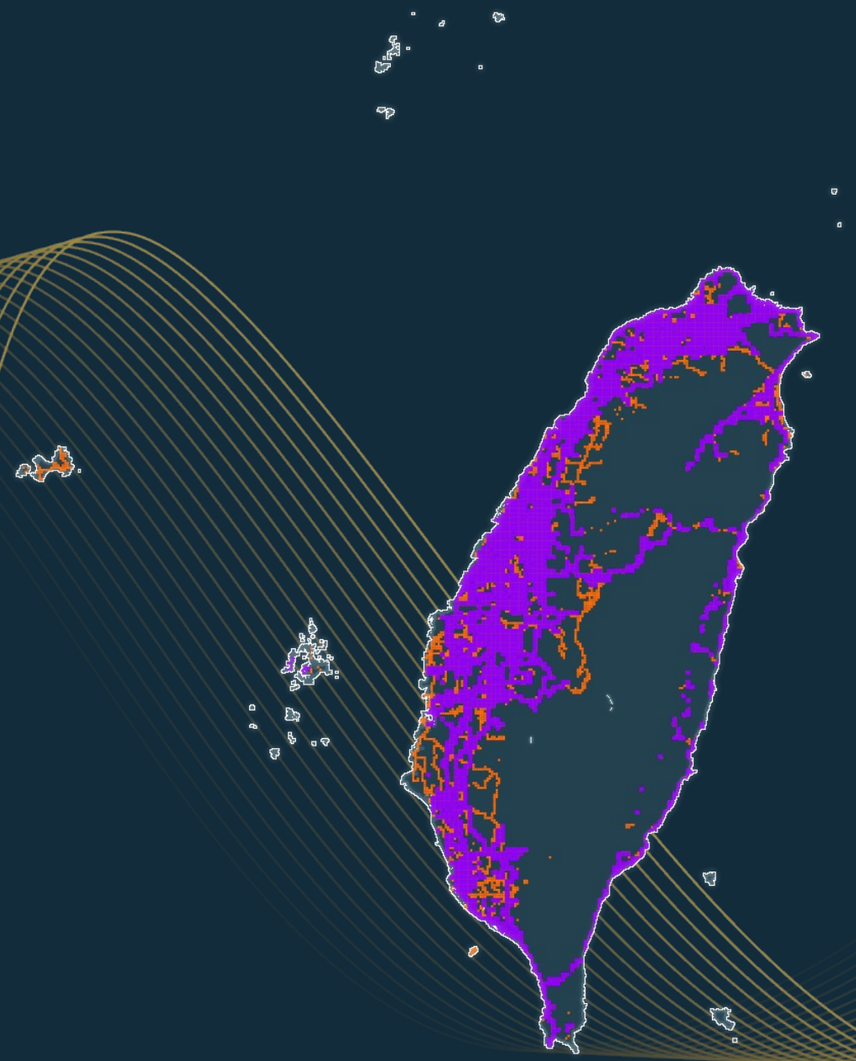
September 2026

Barometer of mobile coverage in Taiwan

4G/5G



09/01/2025 - 08/31/2026



V1.0

Agenda

1. Introducing nPerf
2. Methodology
3. Executive Summary 4G
4. National Coverage 4G
5. Executive Summary 5G
6. National Coverage 5G
7. Regional Results 4G
8. Regional Results 5G

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.

Download on the App Store

Available on Google Play

Test your connection on nPerf.com

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 Taiwan enjoyed the best 4G coverage in 2026 in Taiwan.

Mobile coverage rate in Taiwan

	Chunghwa	Far EasTone	Taiwan
Geographical Coverage Rate	97.75	96.49	97.64
Population Coverage Rate	98.87	98.71	99.14
nPerf Coverage Score	98.31	97.60	98.39

Source : nPerf.com

Taiwan Mobile

Best Mobile coverage in Taiwan



Source : nPerf.com

nPerf Podium



Source : nPerf.com

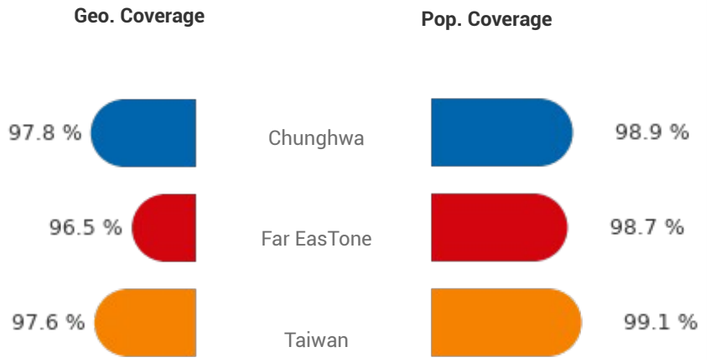
4. National 4G coverage maps

nPerf Coverage Score



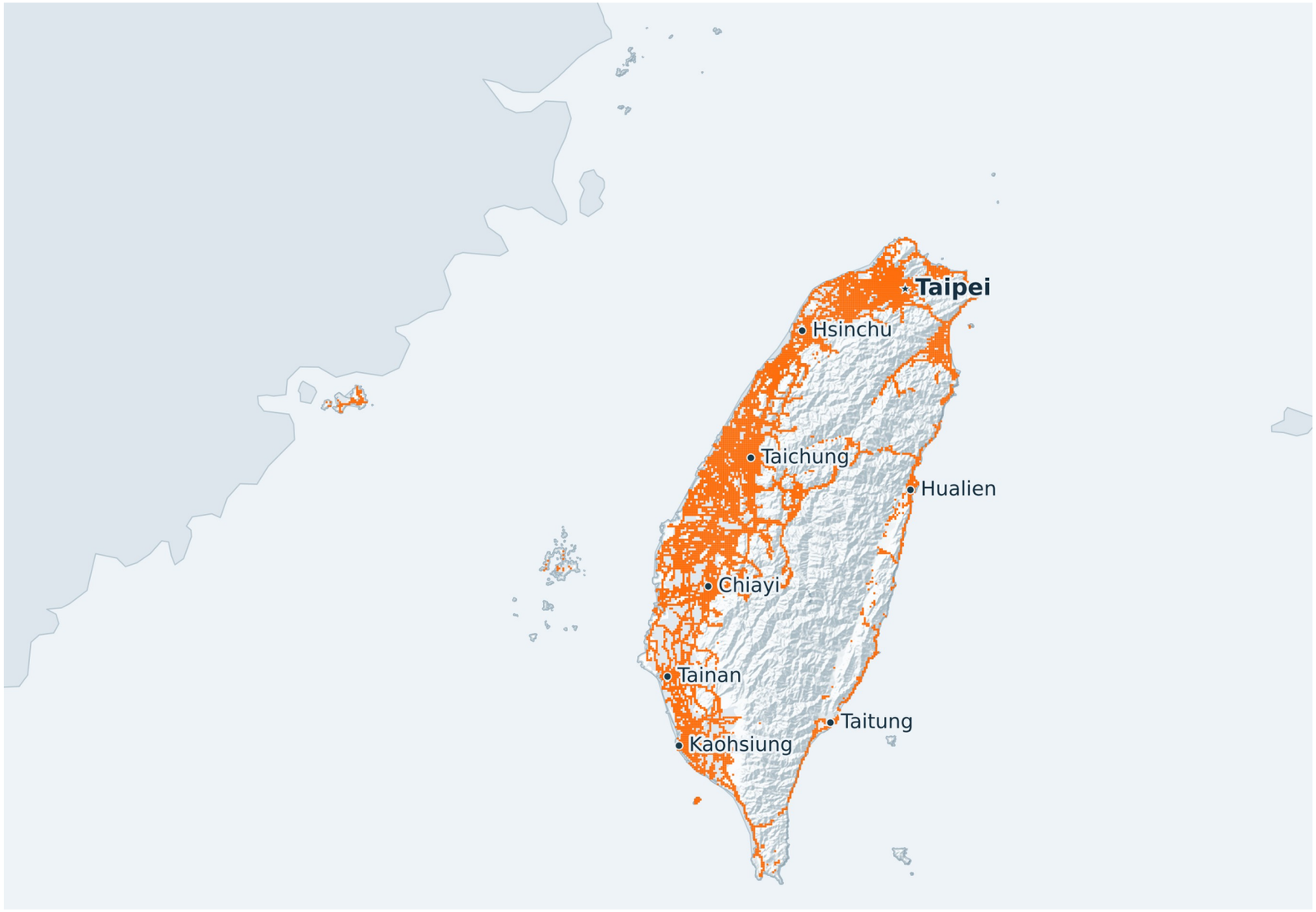
Source : nPerf.com

Coverage Indicators



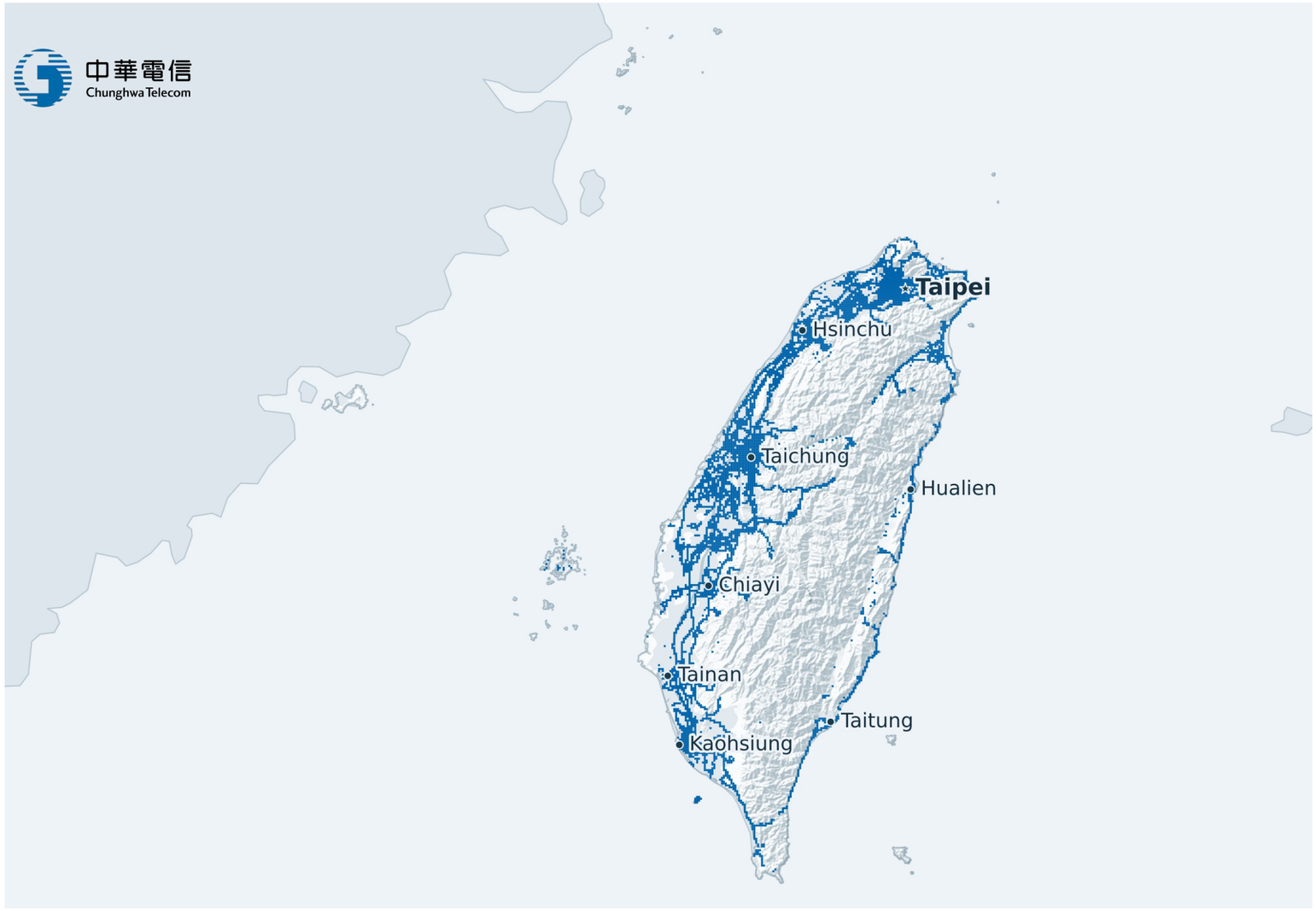
Source : nPerf.com

National Coverage



National 4G coverage maps for Chunghwa

	Chunghwa
Geographical Coverage Rate (%)	97.75
Population Coverage Rate (%)	98.87
nPerf Coverage Score (%)	98.31



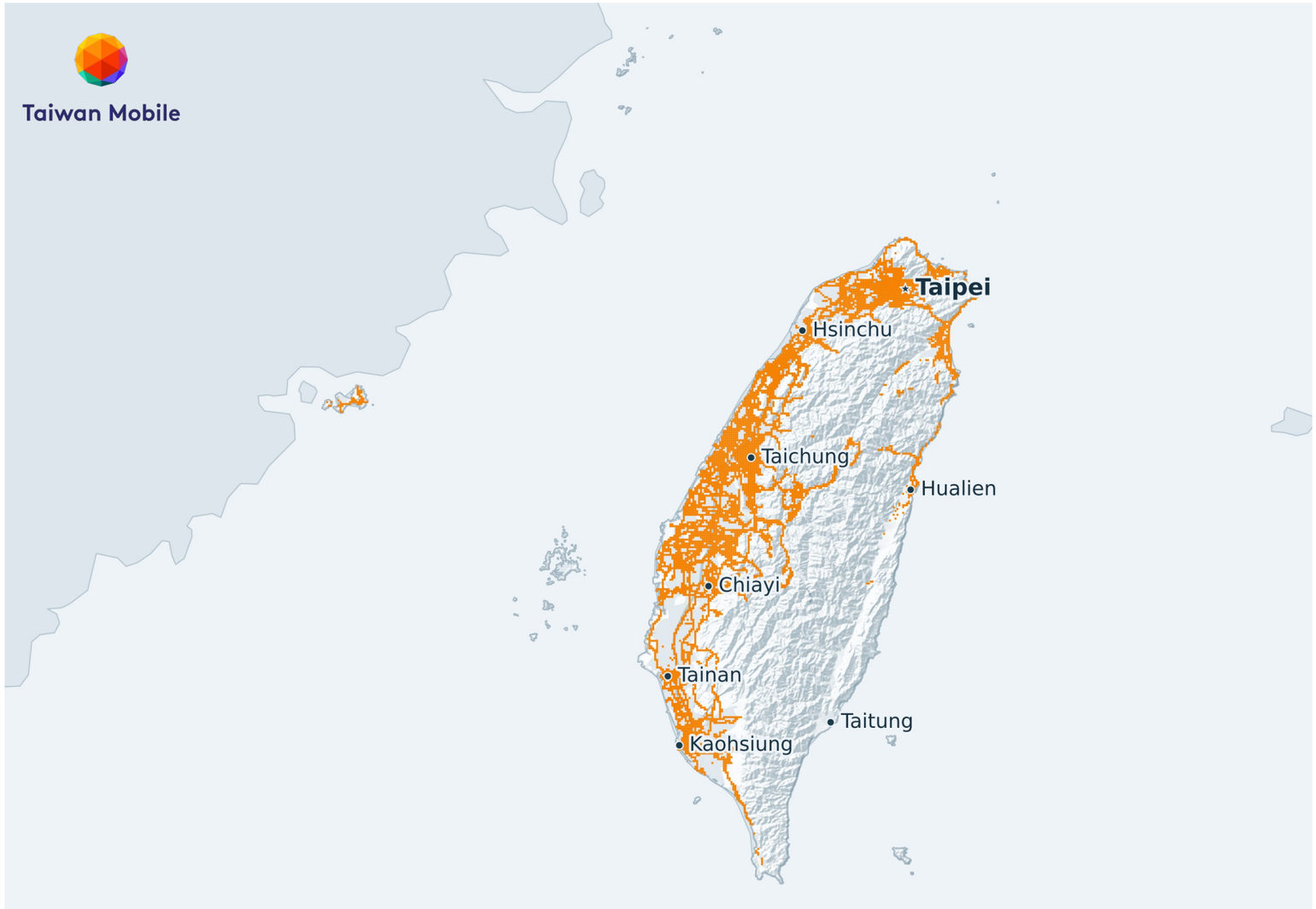
National 4G coverage maps for Far EasTone

	Far EasTone
Geographical Coverage Rate (%)	96.49
Population Coverage Rate (%)	98.71
nPerf Coverage Score (%)	97.60



National 4G coverage maps for Taiwan

	Taiwan
Geographical Coverage Rate (%)	97.64
Population Coverage Rate (%)	99.14
nPerf Coverage Score (%)	98.39



5. Executive Summary 5G

The subscribers of Chunghwa enjoyed the best 5G coverage in 2026 in Taiwan.

Mobile coverage rate in Taiwan

	Chunghwa	Far EasTone	Taiwan
Geographical Coverage Rate	82.41	73.94	62.22
Population Coverage Rate	89.42	81.39	80.84
nPerf Coverage Score	85.92	77.67	71.53

Source : nPerf.com

中華電信 Chunghwa Telecom

Best Mobile coverage in Taiwan



Source : nPerf.com

nPerf Podium



Source : nPerf.com

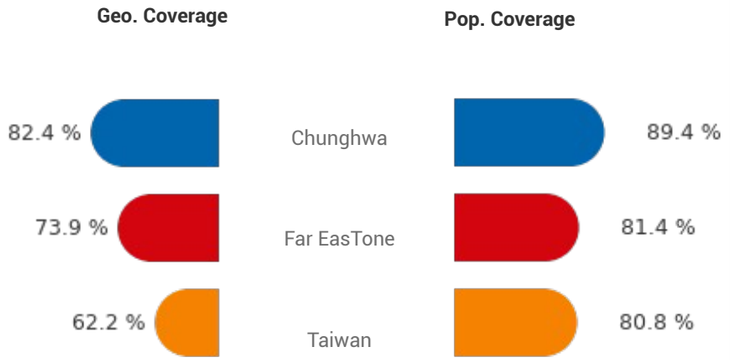
6. National 5G coverage maps

nPerf Coverage Score



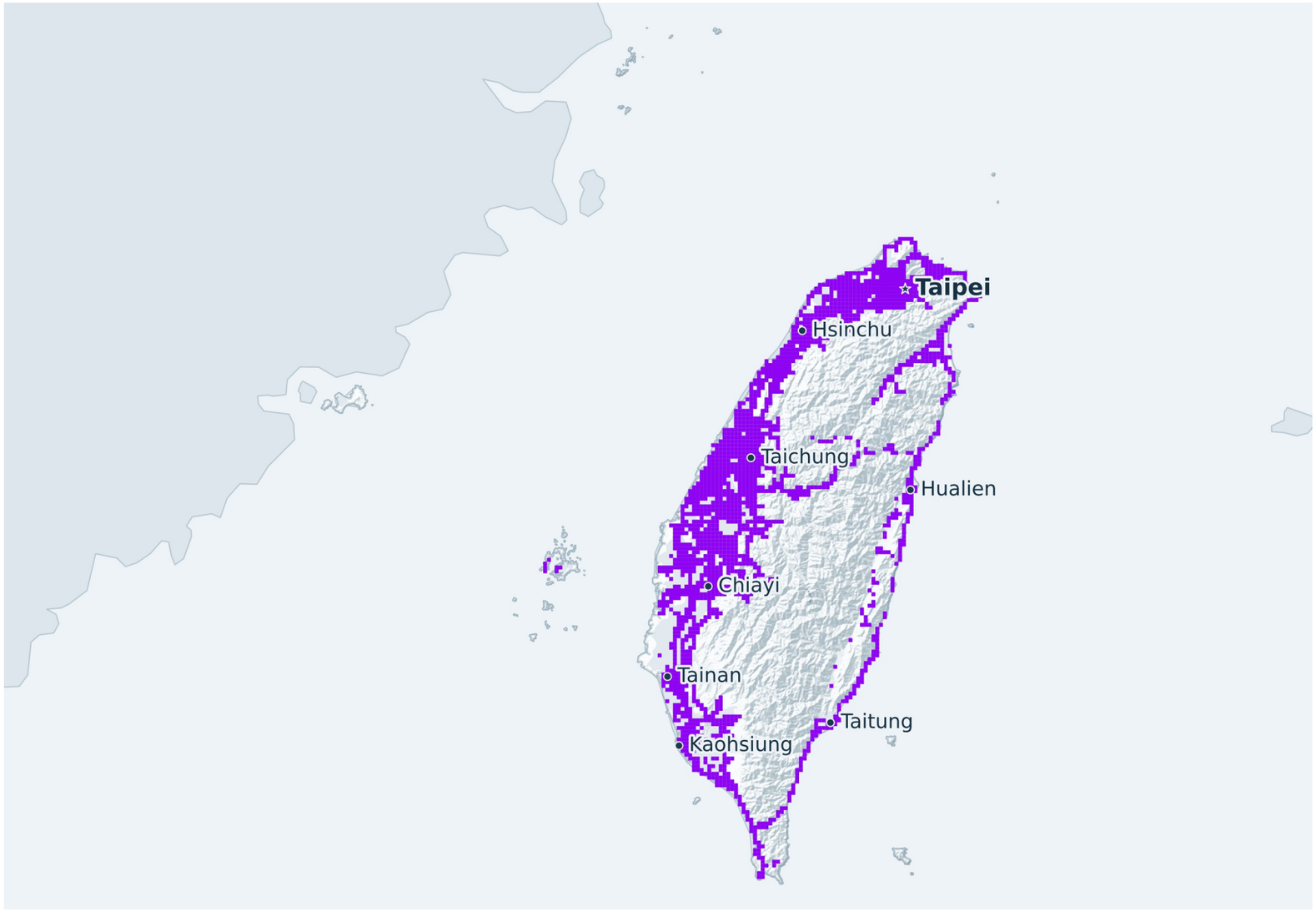
Source : nPerf.com

Coverage Indicators



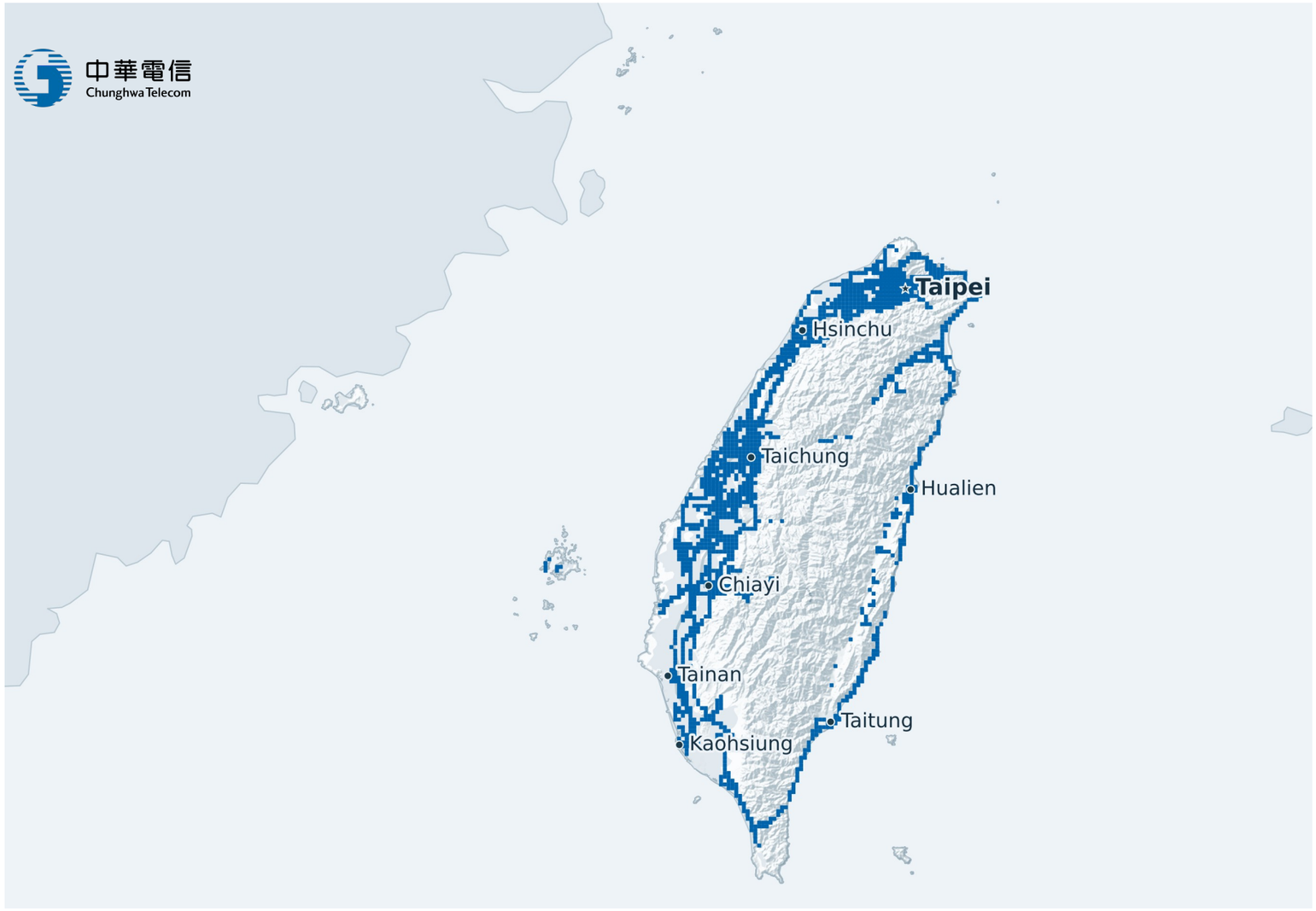
Source : nPerf.com

National Coverage



National 5G coverage maps for Chunghwa

	Chunghwa
Geographical Coverage Rate (%)	82.41
Population Coverage Rate (%)	89.42
nPerf Coverage Score (%)	85.92



National 5G coverage maps for Far EasTone

	Far EasTone
Geographical Coverage Rate (%)	73.94
Population Coverage Rate (%)	81.39
nPerf Coverage Score (%)	77.67



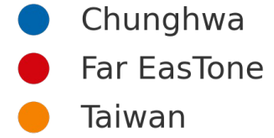
National 5G coverage maps for Taiwan

	Taiwan
Geographical Coverage Rate (%)	62.22
Population Coverage Rate (%)	80.84
nPerf Coverage Score (%)	71.53



7. Regional 4G coverage: Methodology

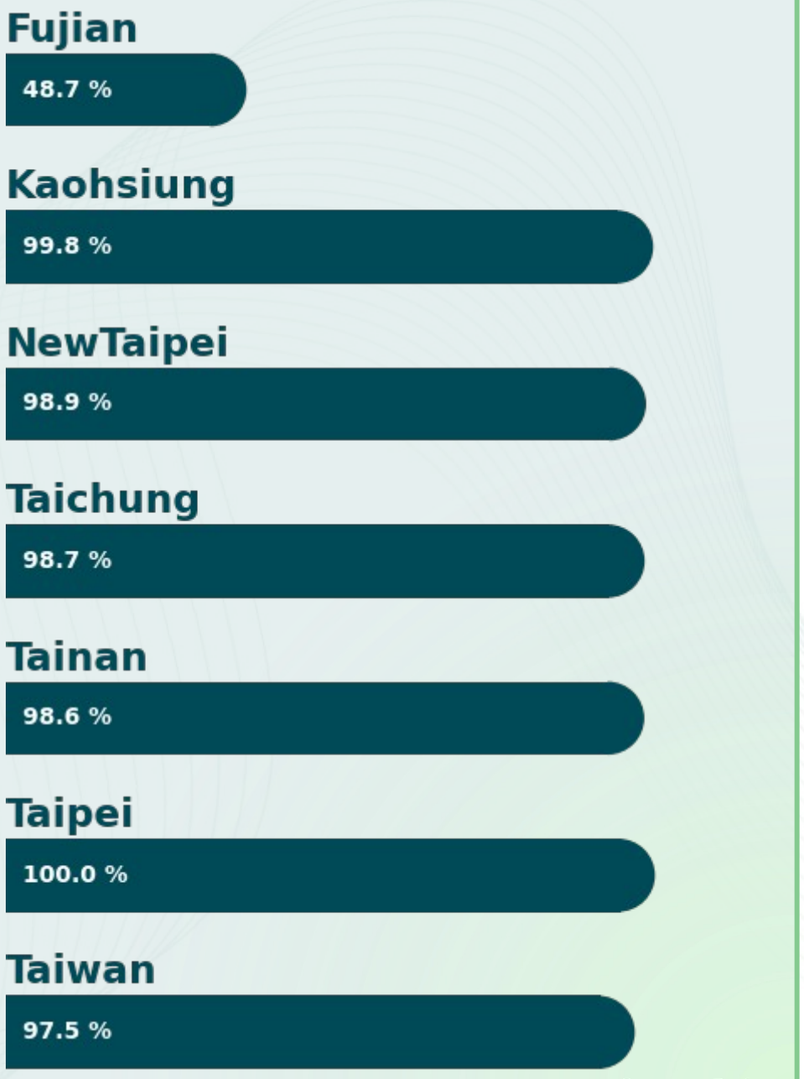
Regions	Measurements	Device count	Measurements per operator
Taiwan	1 671 574	26 848	42% / 32% / 26%
NewTaipei	646 315	5 818	43% / 43% / 14%
Taichung	476 992	7 738	49% / 27% / 24%
Taipei	354 273	3 382	37% / 23% / 39%
Kaohsiung	166 571	2 865	48% / 9% / 43%
Tainan	95 772	2 409	47% / 35% / 19%
Fujian	2 584	107	100%



See regional details for region having more than 1000 devices count and ISPs with more than 20% share of test

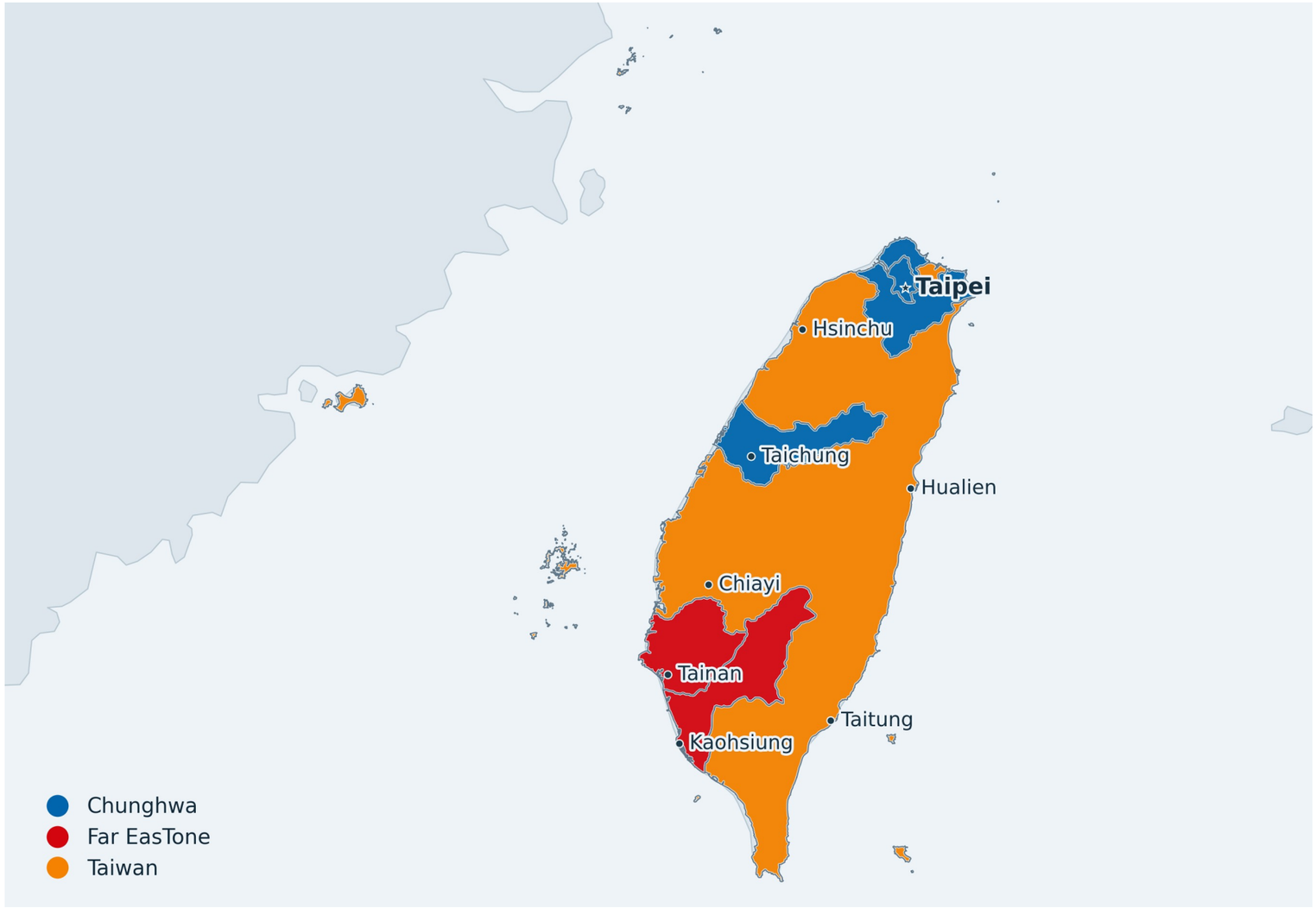
Regional 4G coverage

nPerf Coverage Score



Source : nPerf.com

Regional Winner

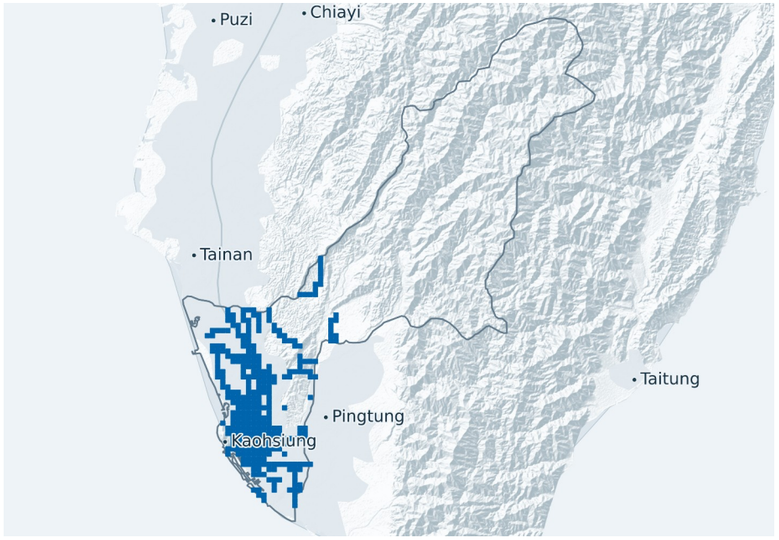


Source : nPerf.com

4G coverage — Kaohsiung

中華電信 Chunghwa Telecom

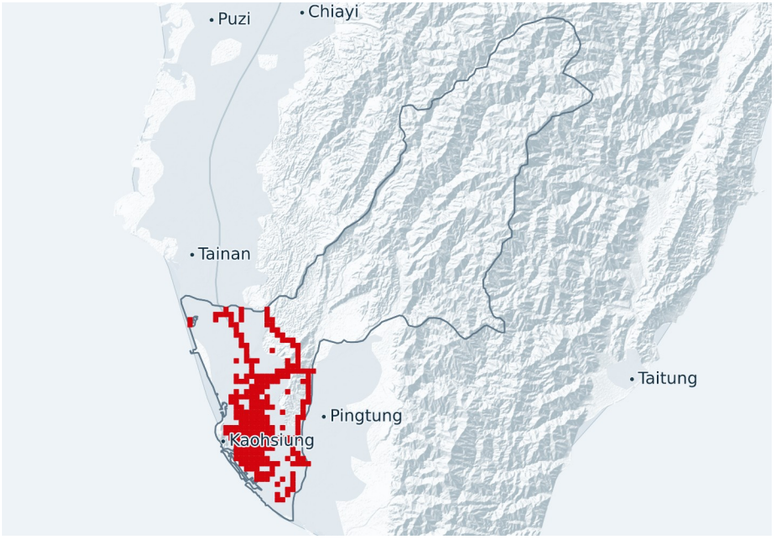
Geographical Coverage	99,75 %
In mobility Pop. Coverage	99,65 %
nPerf Coverage Score	**99,70 %**





FAR EASTONE 遠傳

Geographical Coverage	100,00 %
In mobility Pop. Coverage	100,00 %
nPerf Coverage Score	**100,00 %**





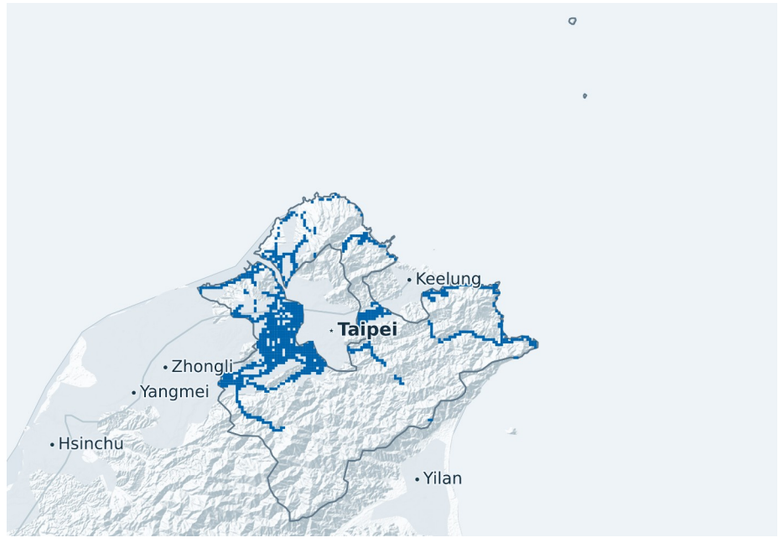
Taiwan Mobile

Geographical Coverage	99,60 %
In mobility Pop. Coverage	99,66 %
nPerf Coverage Score	**99,63 %**

4G coverage — NewTaipei

中華電信 Chunghwa Telecom

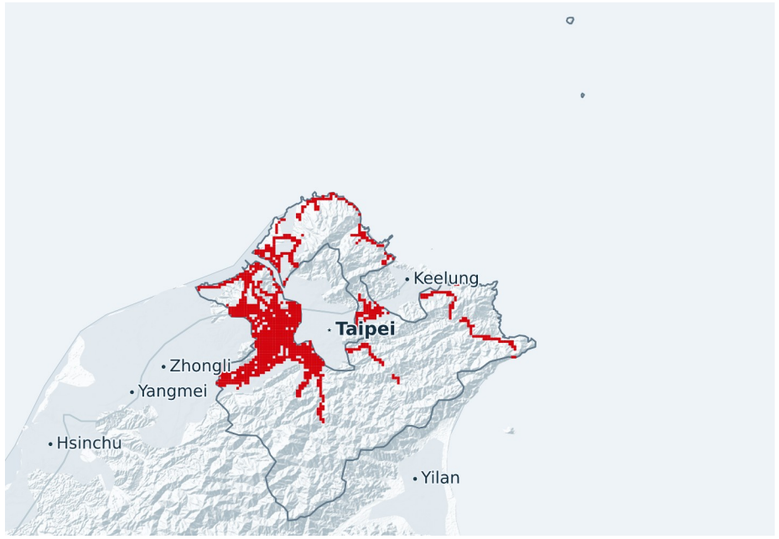
Geographical Coverage	99,28 %
In mobility Pop. Coverage	99,76 %
nPerf Coverage Score	**99,52 %**

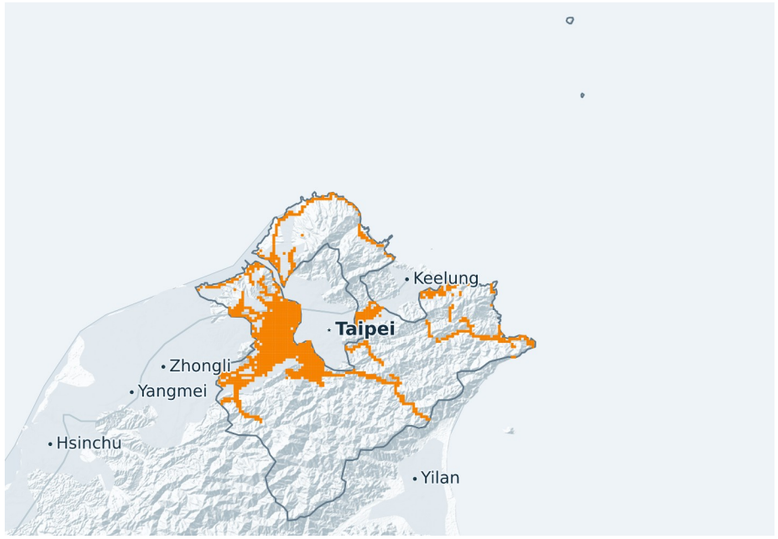




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Geographical Coverage	96,31 %
In mobility Pop. Coverage	99,41 %
nPerf Coverage Score	**97,86 %**





Taiwan Mobile

Geographical Coverage	98,83 %
In mobility Pop. Coverage	99,70 %
nPerf Coverage Score	**99,26 %**

4G coverage — Taichung

中華電信 Chunghwa Telecom

Geographical Coverage

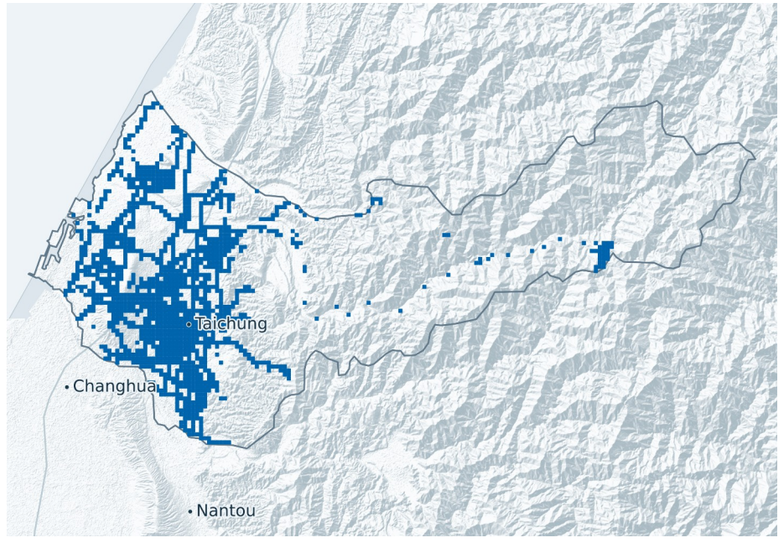
99,58 %

In mobility Pop. Coverage

99,79 %

nPerf Coverage Score

99,68 %





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Geographical Coverage

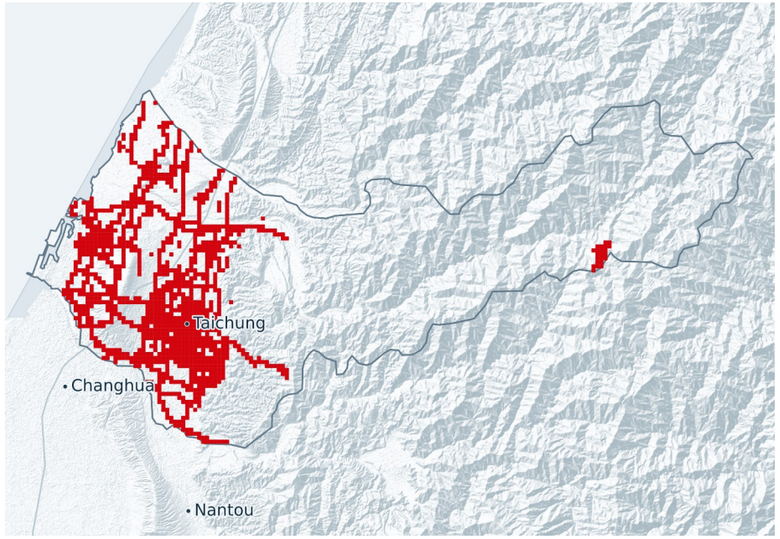
98,23 %

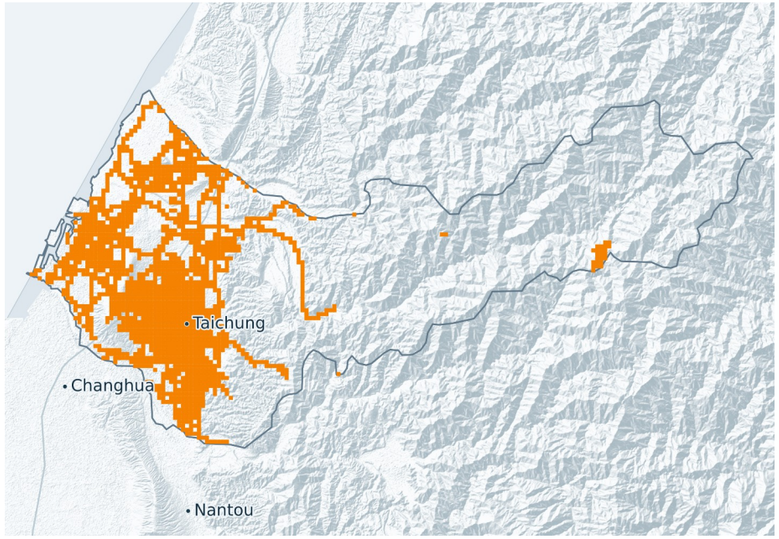
In mobility Pop. Coverage

99,25 %

nPerf Coverage Score

98,74 %





Taiwan Mobile

Geographical Coverage

96,40 %

In mobility Pop. Coverage

99,00 %

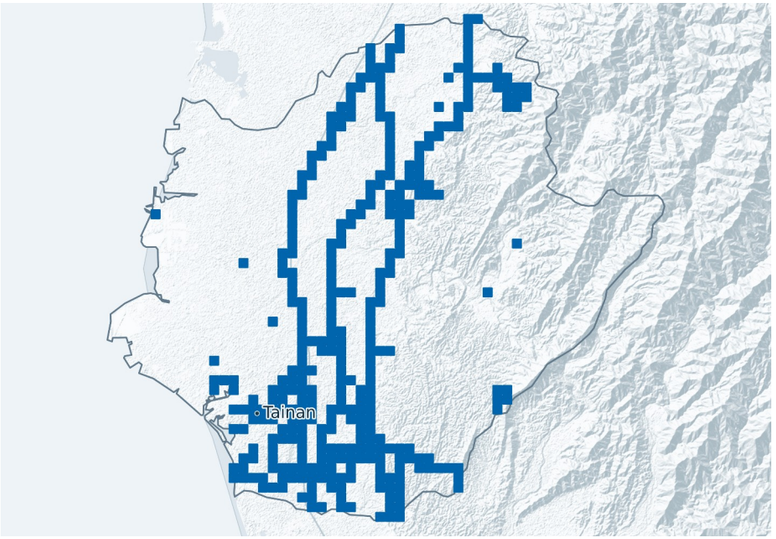
nPerf Coverage Score

97,70 %

4G coverage — Tainan

中華電信 Chunghwa Telecom

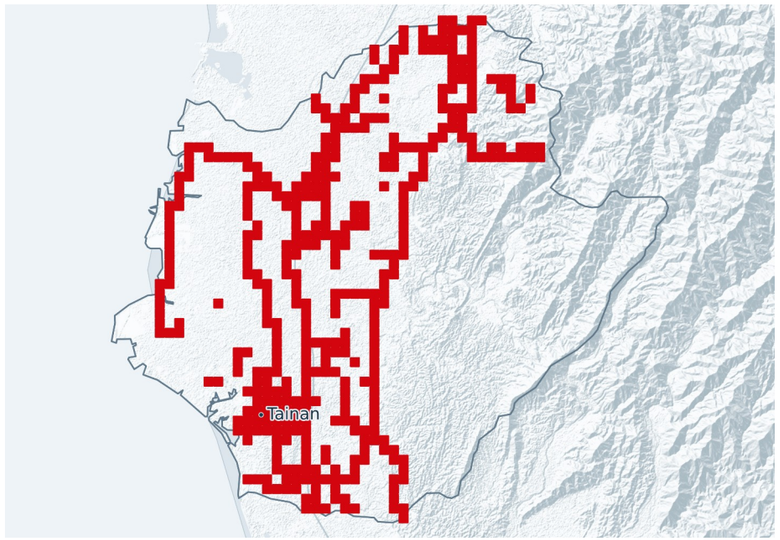
Geographical Coverage	96,00 %
In mobility Pop. Coverage	98,15 %
nPerf Coverage Score	**97,08 %**

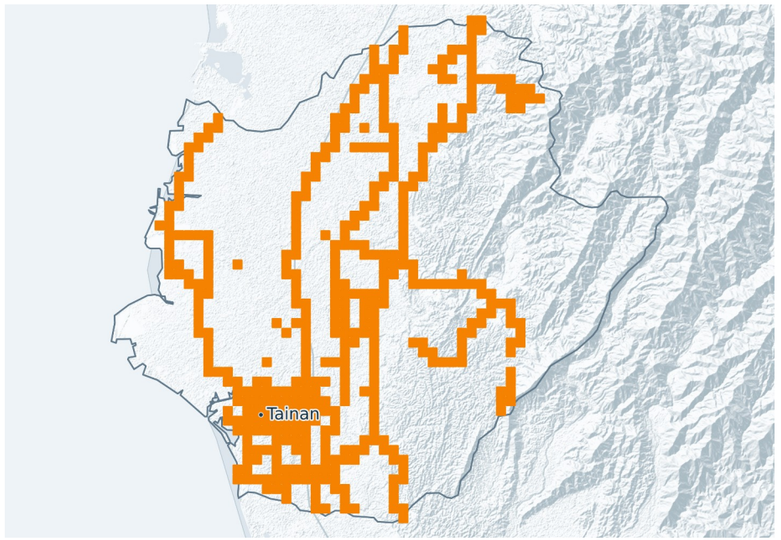




FAR EASTONE 遠傳

Geographical Coverage	99,77 %
In mobility Pop. Coverage	99,87 %
nPerf Coverage Score	**99,82 %**





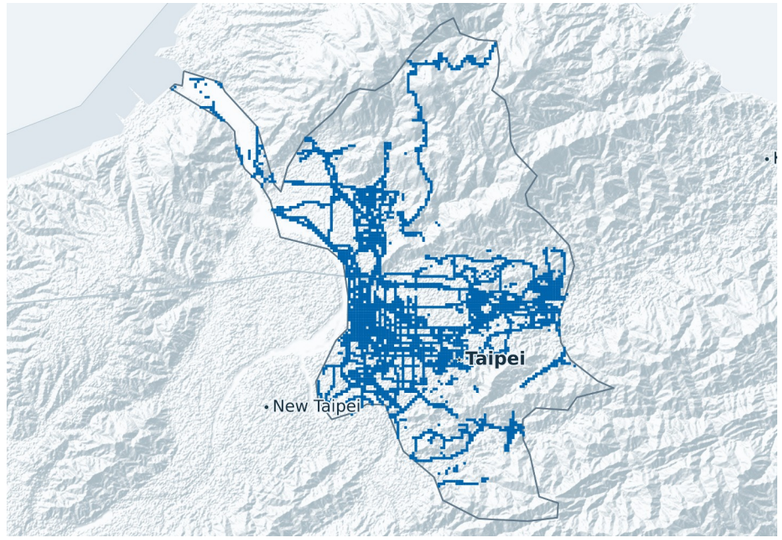
Taiwan Mobile

Geographical Coverage	98,73 %
In mobility Pop. Coverage	99,37 %
nPerf Coverage Score	**99,05 %**

4G coverage — Taipei

中華電信 Chunghwa Telecom

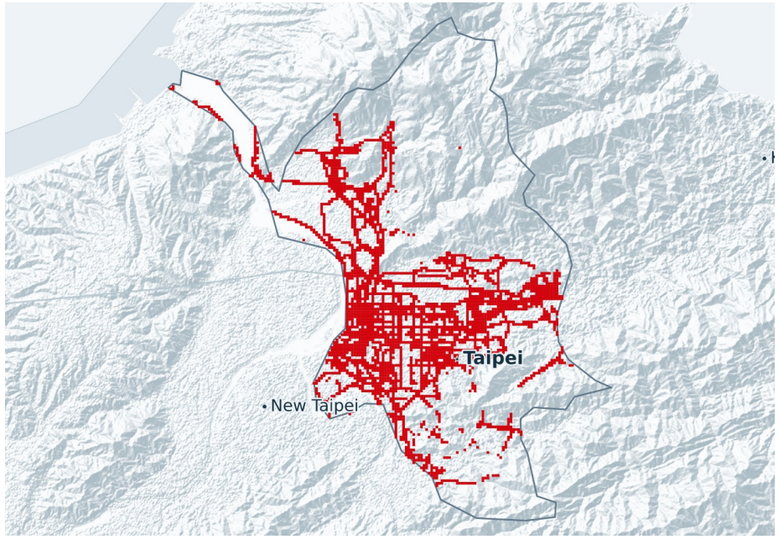
Geographical Coverage	100,00 %
In mobility Pop. Coverage	100,00 %
nPerf Coverage Score	**100,00 %**

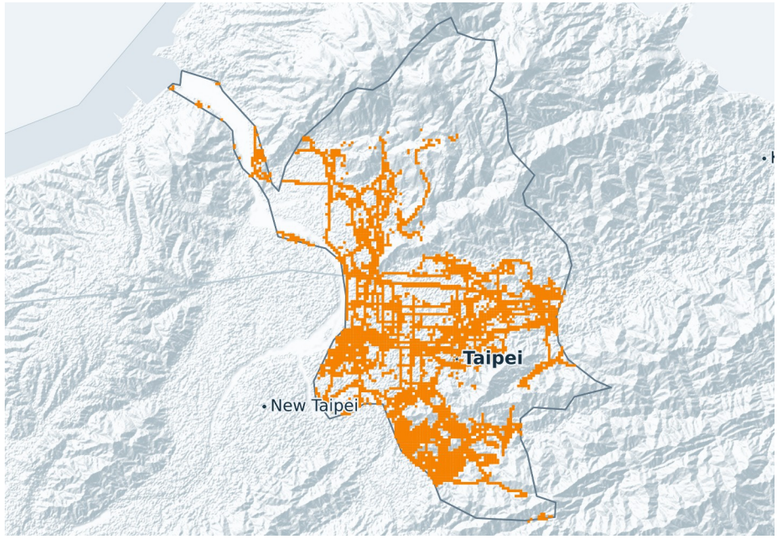




FAR EASTONE 遠傳

Geographical Coverage	100,00 %
In mobility Pop. Coverage	100,00 %
nPerf Coverage Score	**100,00 %**





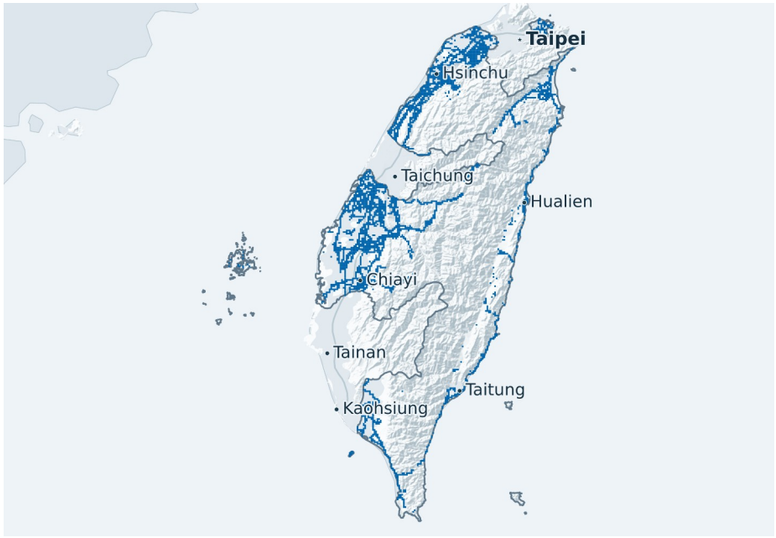
Taiwan Mobile

Geographical Coverage	100,00 %
In mobility Pop. Coverage	100,00 %
nPerf Coverage Score	**100,00 %**

4G coverage — Taiwan

中華電信 Chunghwa Telecom

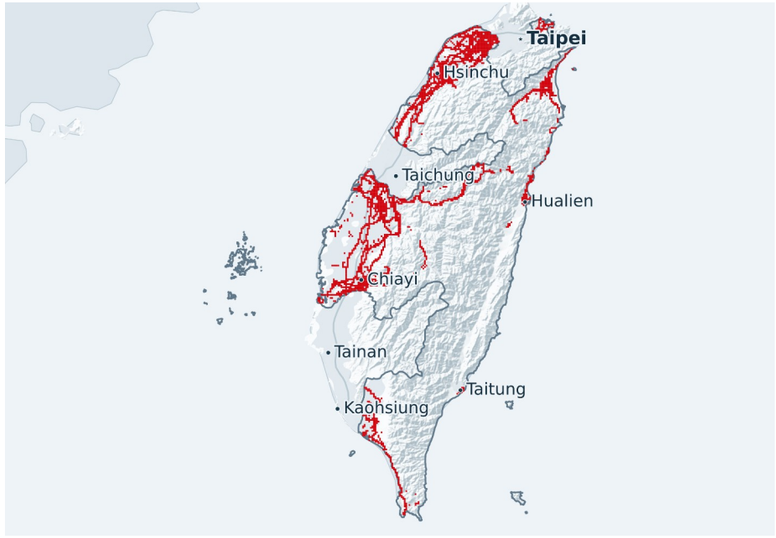
Geographical Coverage	97,14 %
In mobility Pop. Coverage	98,29 %
nPerf Coverage Score	**97,71 %**

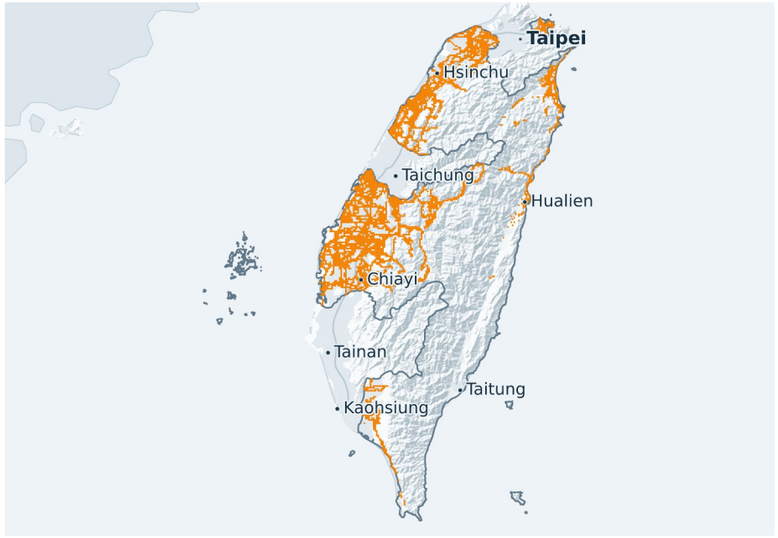




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Geographical Coverage	95,18 %
In mobility Pop. Coverage	98,00 %
nPerf Coverage Score	**96,59 %**



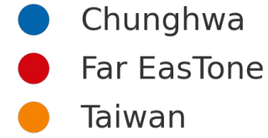


Taiwan Mobile

Geographical Coverage	97,33 %
In mobility Pop. Coverage	98,91 %
nPerf Coverage Score	**98,12 %**

8. Regional 5G coverage: Methodology

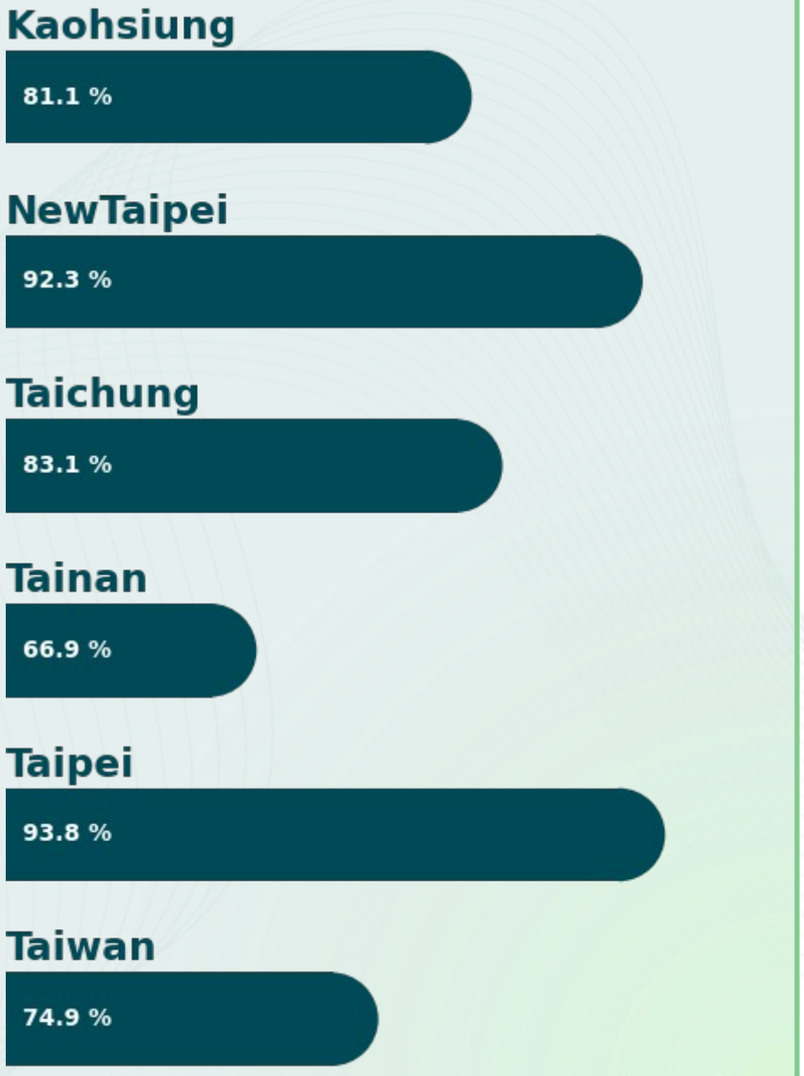
Regions	Measurements	Device count	Measurements per operator
Taiwan	417 991	17 735	39% / 45% / 16%
Taipei	220 214	2 372	42% / 41% / 17%
NewTaipei	217 397	3 736	83% / 11%
Taichung	147 561	4 981	65% / 18% / 17%
Tainan	25 482	1 258	76% / 13% / 11%
Kaohsiung	22 710	1 207	63% / 13% / 23%
Fujian	0	0	



See regional details for region having more than 1000 devices count and ISPs with more than 20% share of test

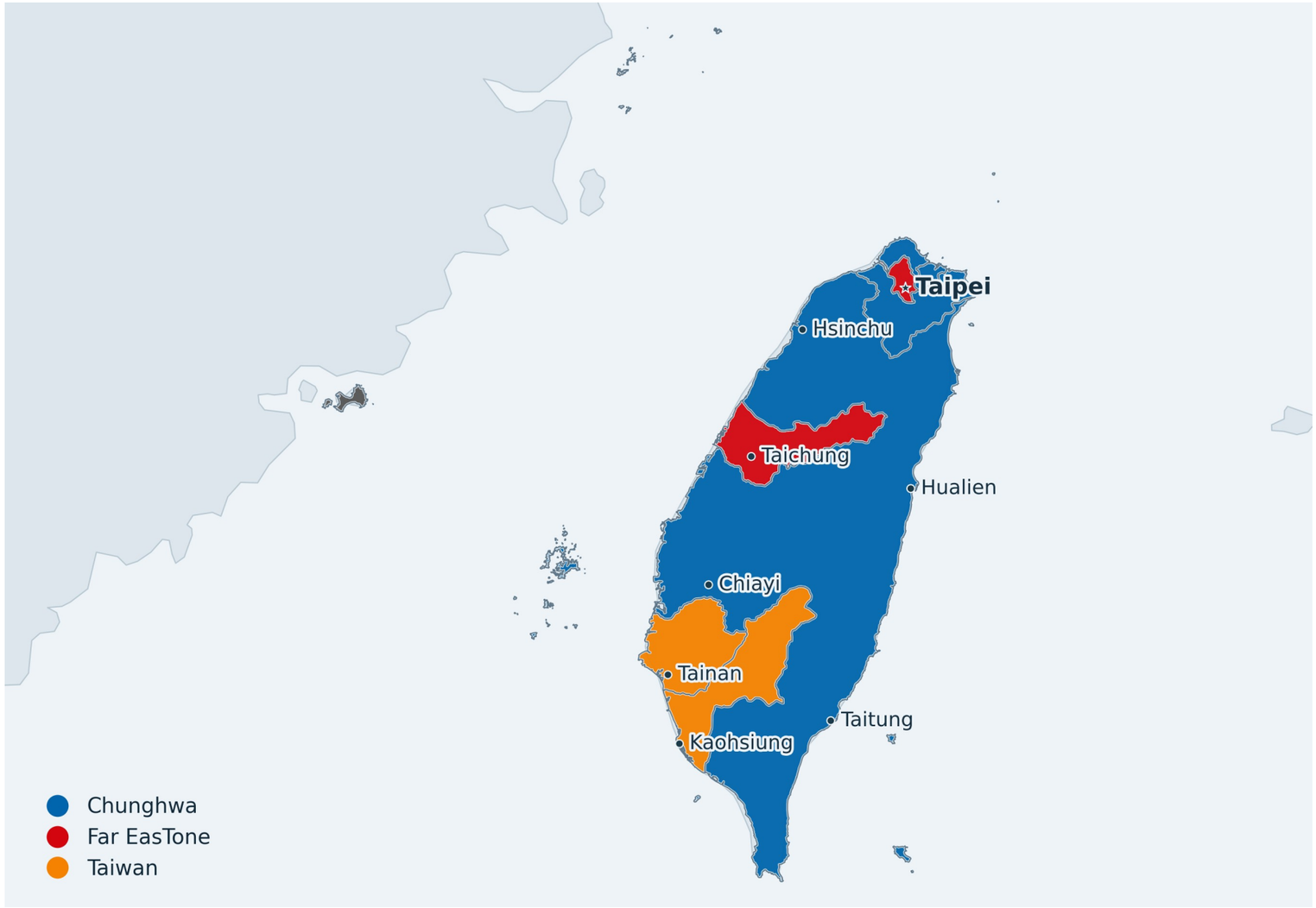
Regional 5G coverage

nPerf Coverage Score



Source : nPerf.com

Regional Winner



Source : nPerf.com

5G coverage — Kaohsiung

中華電信 Chunghwa Telecom

Geographical Coverage

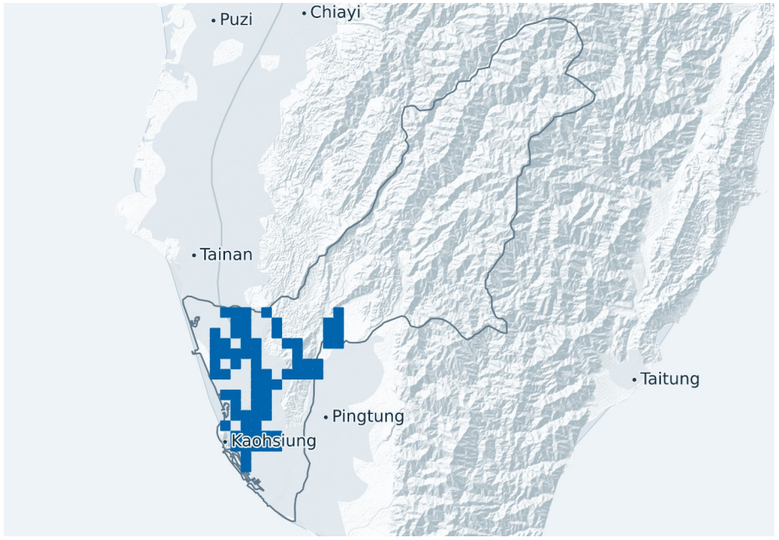
71,51 %

In mobility Pop. Coverage

77,50 %

nPerf Coverage Score

74,51 %





FAR EASTONE 遠傳

Geographical Coverage

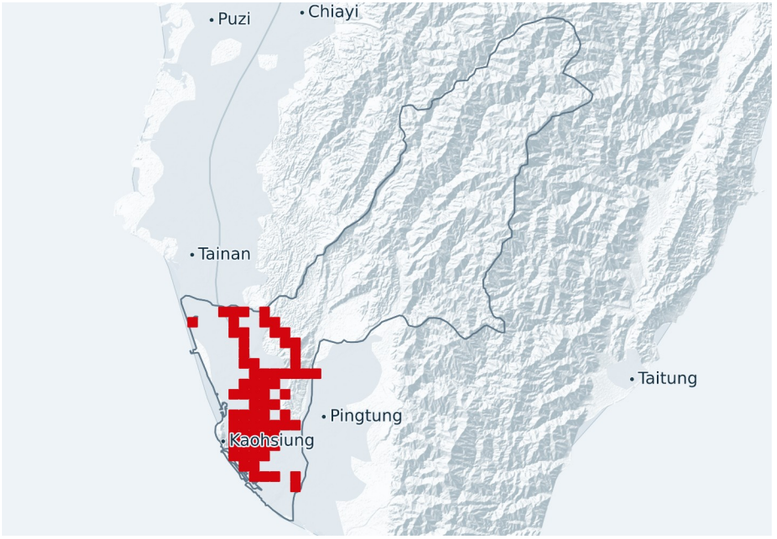
80,11 %

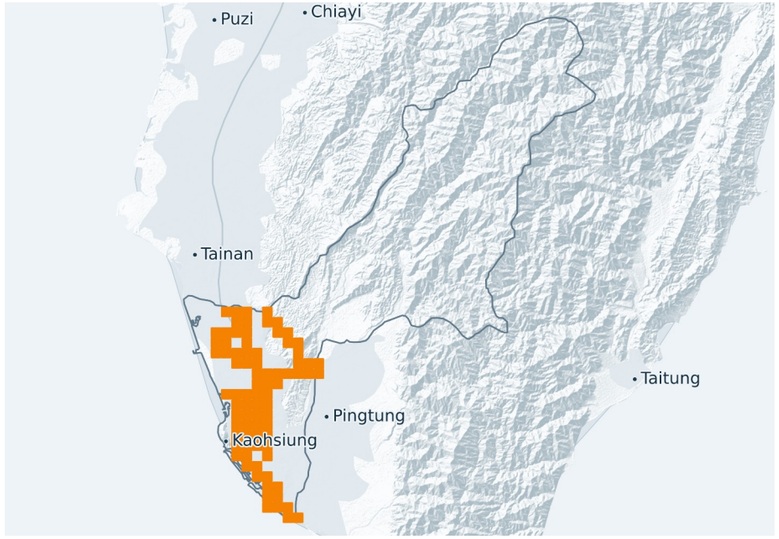
In mobility Pop. Coverage

83,34 %

nPerf Coverage Score

81,73 %





Taiwan Mobile

Geographical Coverage

85,63 %

In mobility Pop. Coverage

88,31 %

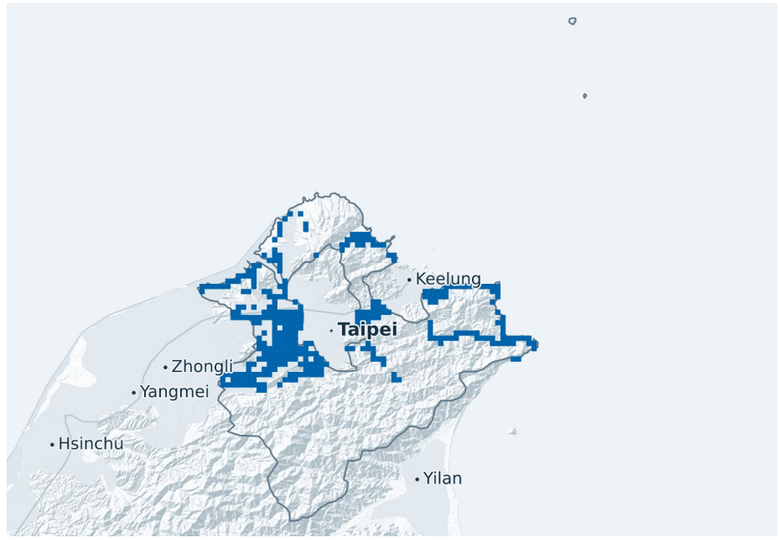
nPerf Coverage Score

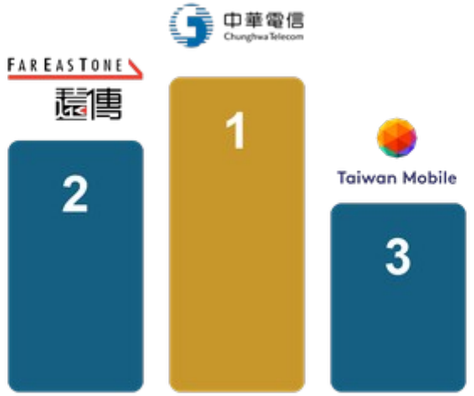
86,97 %

5G coverage — NewTaipei

中華電信 Chunghwa Telecom

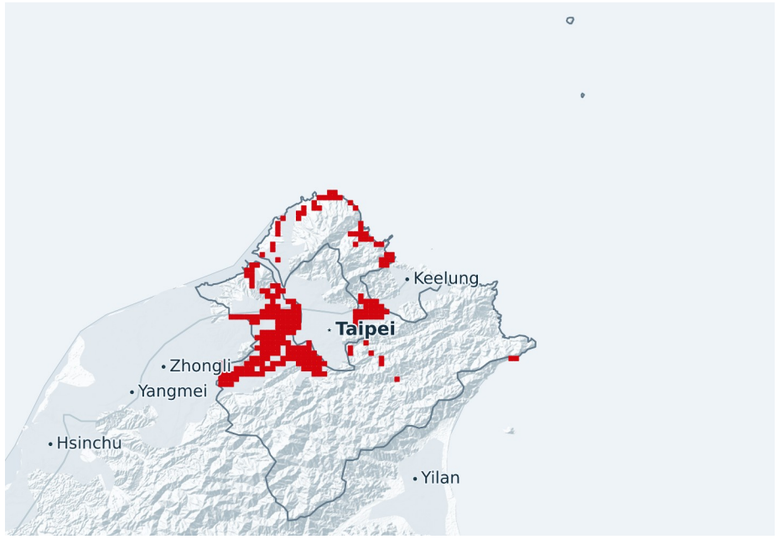
Geographical Coverage	90,79 %
In mobility Pop. Coverage	95,29 %
nPerf Coverage Score	**93,04 %**

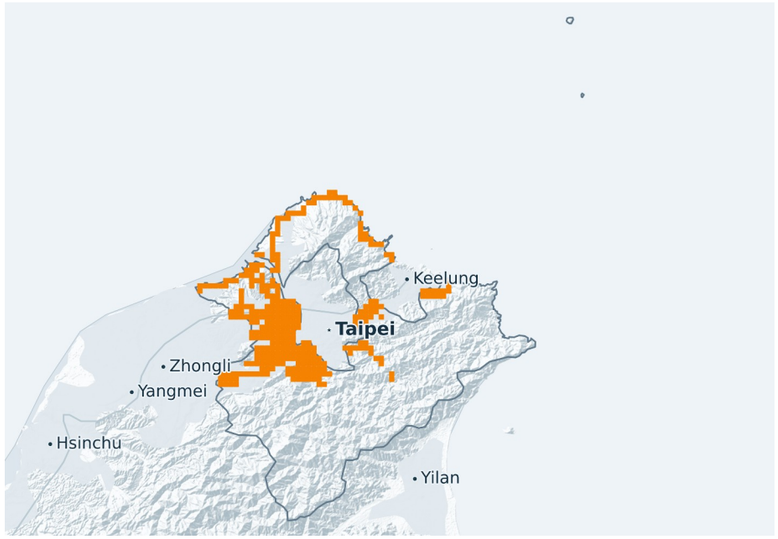




FAR EASTONE 遠傳

Geographical Coverage	90,26 %
In mobility Pop. Coverage	94,95 %
nPerf Coverage Score	**92,60 %**





Taiwan Mobile

Geographical Coverage	89,23 %
In mobility Pop. Coverage	93,34 %
nPerf Coverage Score	**91,28 %**

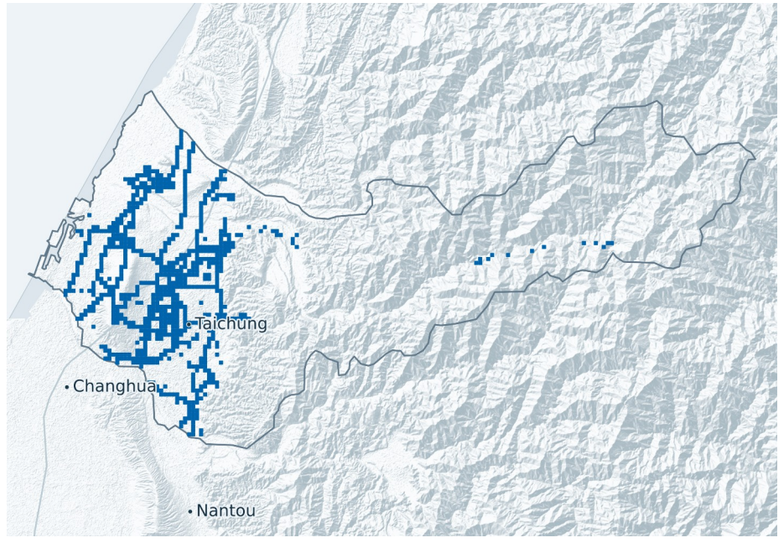
5G coverage — Taichung

中華電信 Chunghwa Telecom

Geographical Coverage
77,78 %

In mobility Pop. Coverage
88,23 %

nPerf Coverage Score
83,01 %



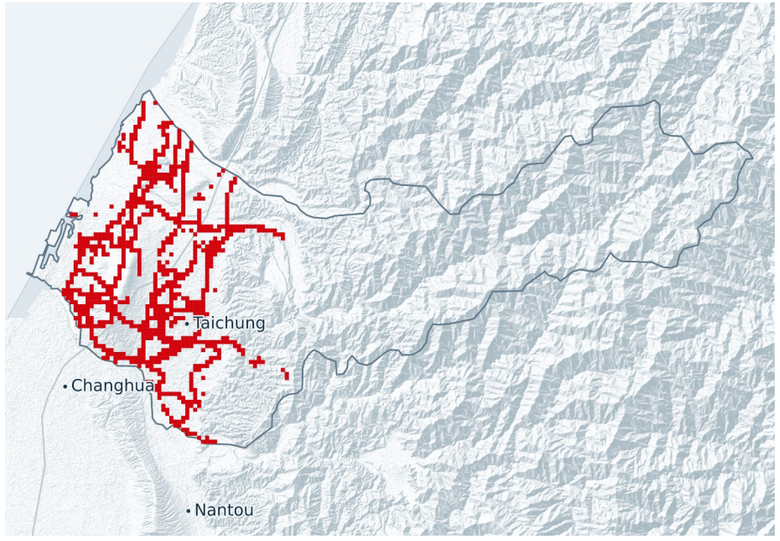


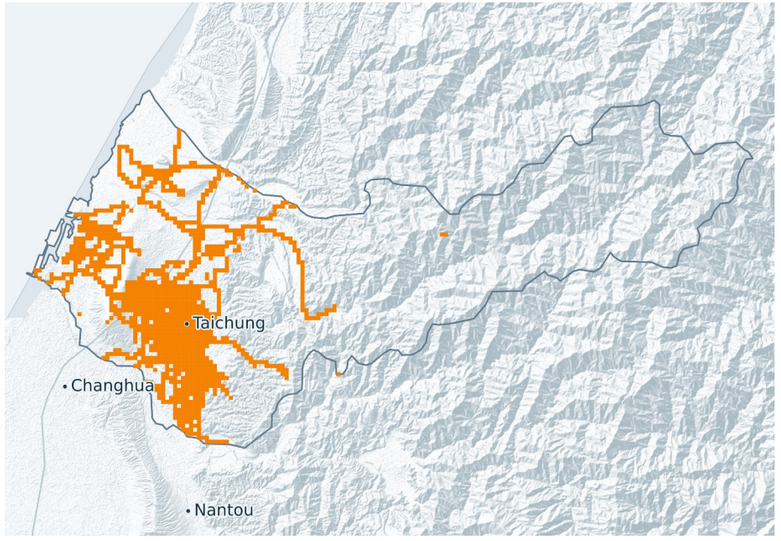
FAREASTONE 遠傳

Geographical Coverage
85,43 %

In mobility Pop. Coverage
89,99 %

nPerf Coverage Score
87,71 %





Taiwan Mobile

Geographical Coverage
71,58 %

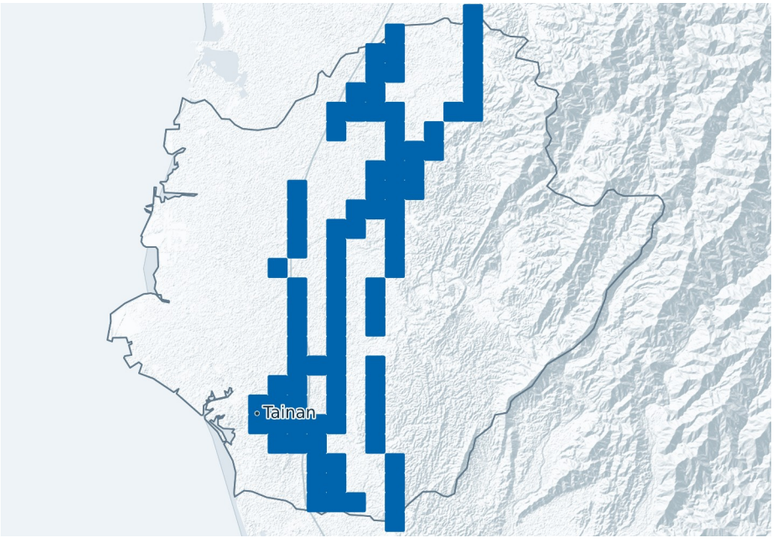
In mobility Pop. Coverage
85,52 %

nPerf Coverage Score
78,55 %

5G coverage — Tainan

中華電信 Chunghwa Telecom

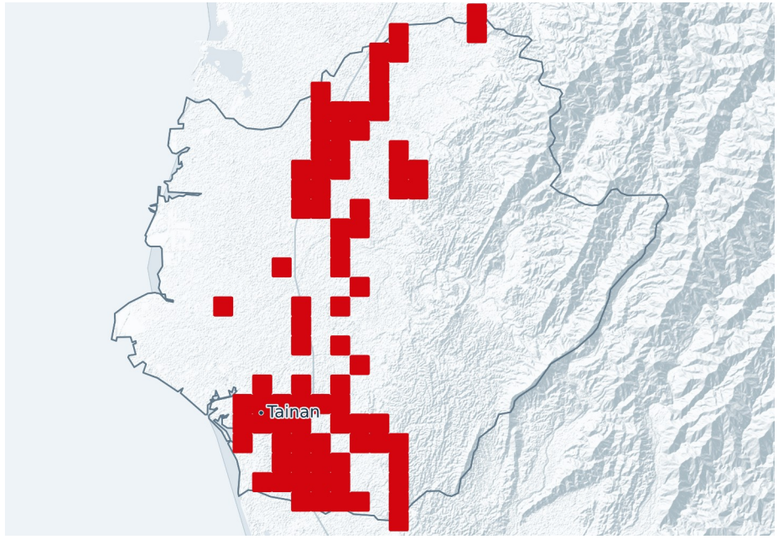
Geographical Coverage	50,76 %
In mobility Pop. Coverage	55,08 %
nPerf Coverage Score	**52,92 %**

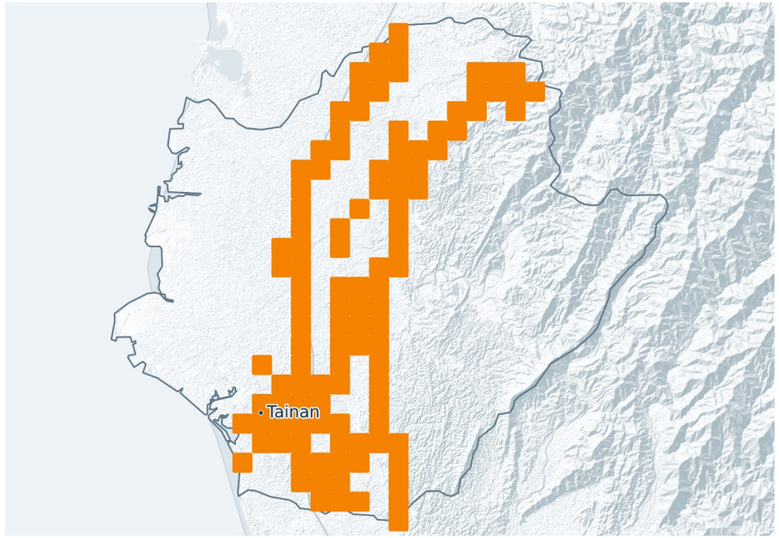




FAR EASTONE 遠傳

Geographical Coverage	61,08 %
In mobility Pop. Coverage	53,47 %
nPerf Coverage Score	**57,28 %**





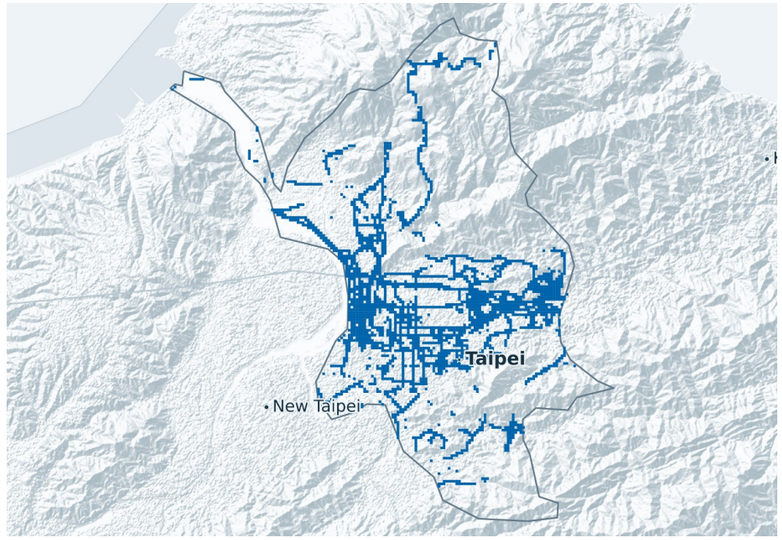
Taiwan Mobile

Geographical Coverage	88,78 %
In mobility Pop. Coverage	92,34 %
nPerf Coverage Score	**90,56 %**

5G coverage — Taipei

中華電信 Chunghwa Telecom

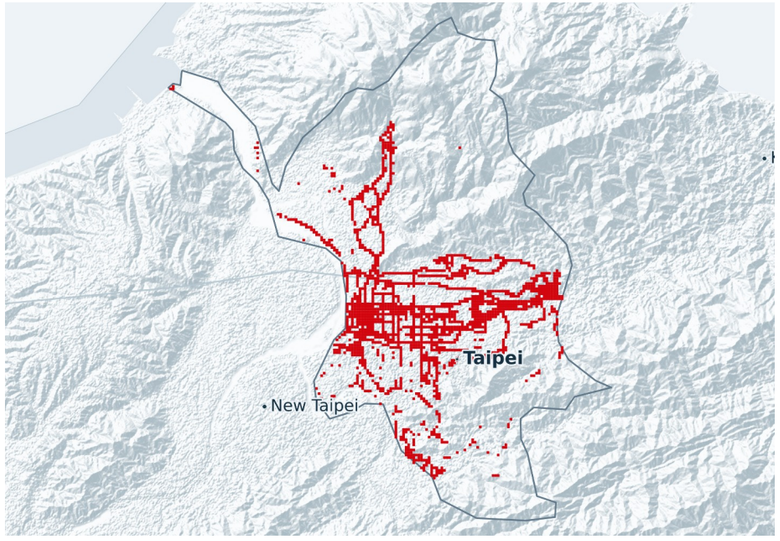
Geographical Coverage	93,22 %
In mobility Pop. Coverage	96,45 %
nPerf Coverage Score	**94,84 %**

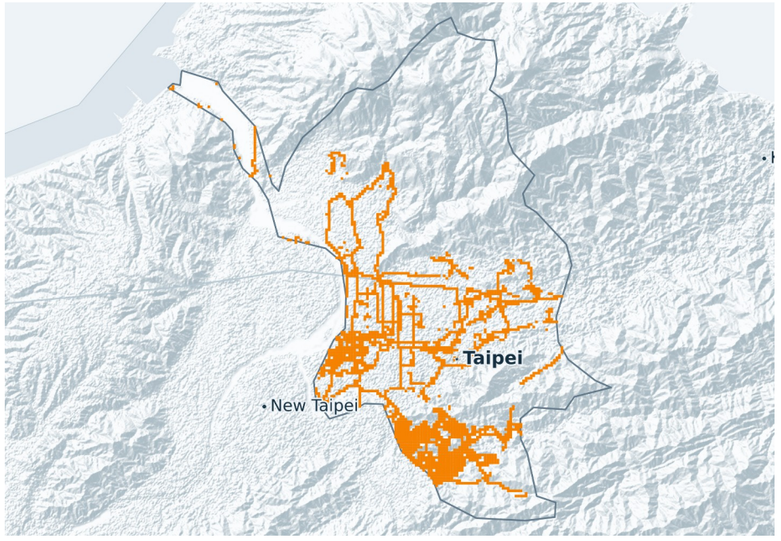




FAR EASTONE 遠傳

Geographical Coverage	96,90 %
In mobility Pop. Coverage	97,69 %
nPerf Coverage Score	**97,30 %**





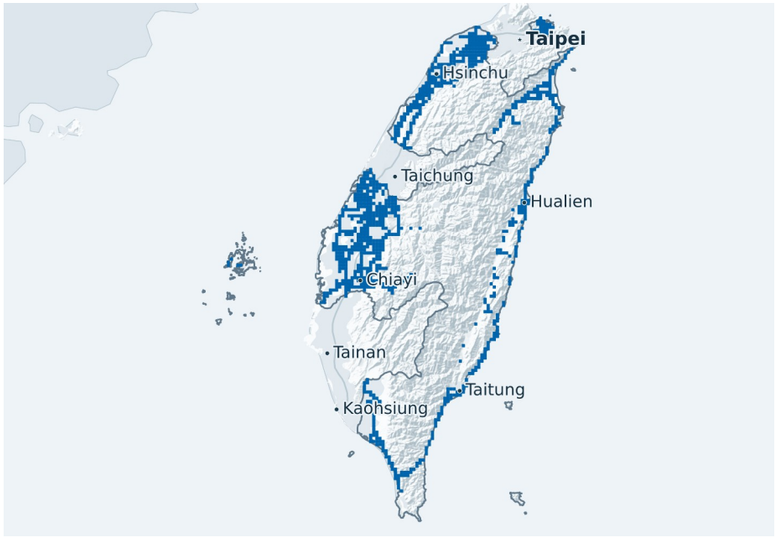
Taiwan Mobile

Geographical Coverage	87,50 %
In mobility Pop. Coverage	90,94 %
nPerf Coverage Score	**89,22 %**

5G coverage — Taiwan

中華電信 Chunghwa Telecom

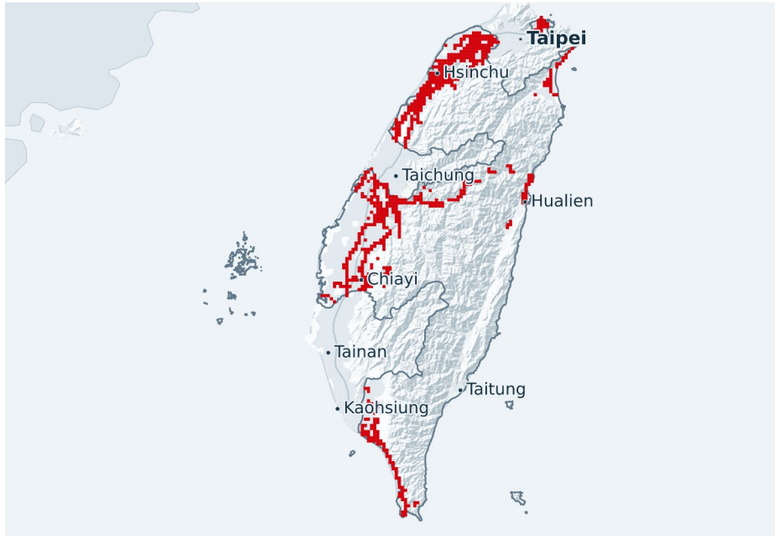
Geographical Coverage	85,26 %
In mobility Pop. Coverage	90,76 %
nPerf Coverage Score	**88,01 %**

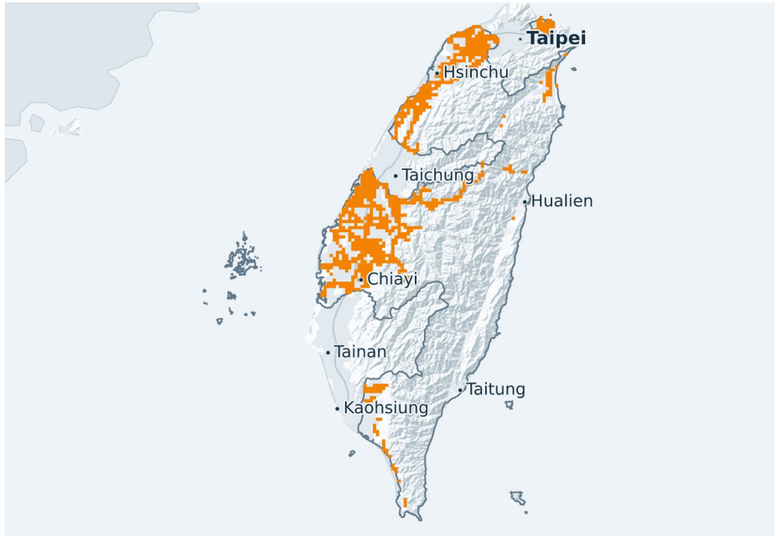




FAR EASTONE 遠傳

Geographical Coverage	69,83 %
In mobility Pop. Coverage	76,13 %
nPerf Coverage Score	**72,98 %**





Taiwan Mobile

Geographical Coverage	53,35 %
In mobility Pop. Coverage	74,19 %
nPerf Coverage Score	**63,77 %**


nperf
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