



Coverage and speed obligation

The Netherlands has three mobile networks that are among the best in the world. However, there are still a few places in our country (particularly in rural areas) where mobile coverage and speed could be improved. To ensure that everyone in the Netherlands can use good and fast mobile communication, a coverage and speed obligation will apply from July 2022. The National Digital Infrastructure Inspectorate (RDI) checks whether mobile network operators comply with this.

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Explanation of coverage and speed obligations

The three mobile networks in our country belong to the mobile network operators KPN, Odido and VodafoneZiggo. **The coverage and speed obligation (abbreviated as DSV) means that mobile network operators in every Dutch municipality must provide at least 98% of the territory with mobile coverage.** With the exception of Natura 2000 areas and open waters. In addition, the mobile network must have a minimum speed of 8 megabits per second (Mbps). By 2026, the minimum speed must be 10 Mbps. The coverage and speed obligation only applies outdoors.

Monitoring the obligation

We check whether mobile network operators meet the coverage and speed obligation by measuring annually in several municipalities. During such a measurement, our inspectors drive a random route in the municipality in question. In a roof box on the car there are three mobile phones, which are

connected to the network of each mobile network operator. The phones continuously perform downloads along the entire route. The number of successful downloads determines whether the mobile network operator meets the coverage and speed obligation.

The RDI does not have the capacity to measure in every municipality: we make substantiated choices here. We base these choices on various information and data sources.

Measurement results

The table below shows the results of control measurements carried out. We regularly supplement the table with new results. The measurement results are an objective representation of the mobile coverage in a municipality, but remain a snapshot. The results may differ from your personal experience. This has to do with:

- people regularly experience poorer mobile coverage indoors, while the coverage and speed obligation applies outdoors;
- mobile coverage depends on weather and seasonality. But also the device used, the way the device is worn, the subscription type and other (data) traffic on the network;
- the mobile operators do not have to offer coverage and capacity throughout the municipality. The coverage and speed obligation applies to 98% of the municipality's territory. Natura 2000 areas and external waters are excluded from the obligation;
- in a (part of the) municipality a [temporary exemption from the coverage and speed obligation](#) may apply due to a situation of force majeure.

Overview of measurement results

Measurement	Date	Local authority	Result
1	September 21, 2022	Bunschoten	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
2	September 28, 2022	Westerveld	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
3	October 6, 2022	Twenterand	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory

Measurement	Date	Local authority	Result
4	October 20, 2022	The Fryske Marren	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
5	November 8, 2022	IJsselstein	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
6	November 23, 2022	Heumen	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
7	December 7, 2022	Veenendaal	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
8	December 13, 2022	Wijchen	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
9	March 16, 2023	Dantumadiel	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
10	April 13, 2023	Dalfsen	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
11	May 3, 2023	Coevorden	KPN: sufficient T-Mobile: sufficient

Measurement	Date	Local authority	Result
			VodafoneZiggo: satisfactory
12	May 9, 2023	Raalte	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
13	June 9, 2023	Katwijk	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
14	June 15, 2023	Neighborhood near Duurstede	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
15	July 3, 2023	Oirschot	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
16	July 4, 2023	Bergen op Zoom	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
17	August 31, 2023	Nijkerk	KPN: sufficient T-Mobile: sufficient VodafoneZiggo: satisfactory
18	October 4, 2023	Harderwijk	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory

Measurement	Date	Local authority	Result
19	October 13, 2023	Looser	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory
20	October 23, 2023	Sittard-Geleen	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory
21	October 26, 2023	Drechtland	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory
22	October 27, 2023	Stede Broec	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory
23	October 30, 2023	Langedijk	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory
24	October 31, 2023	More	KPN: sufficient Odido: satisfies
	November 28, 2023		VodafoneZiggo: complies (network disruption on October 31, 2023)
25	November 27, 2023	Scherpenzeel	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory

Measurement	Date	Local authority	Result
26	November 28, 2023	Nissewaard	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory
27	November 29, 2023	Beemster	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory
28	December 5, 2023	Oostzaan	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory
29	February 28, 2024	Elburg	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory
30	March 5, 2024	Baarn	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory
31	March 7, 2024	Zaltbommel	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory
32	March 12, 2024	Stichtse Vecht	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory
33	March 19, 2024	Almere	KPN: sufficient Odido: satisfies

Measurement	Date	Local authority	Result
			VodafoneZiggo: satisfactory
34	March 26, 2024	Urk	KPN: sufficient Odido: satisfies VodafoneZiggo: satisfactory

Request measurement report

Would you like to receive a detailed measurement report from a municipality that is included in the overview of measurement results? Send an email to dsv@rdi.nl.

Frequently asked questions coverage and speed obligation

[View FAQ coverage and speed obligation](#)

Also see

› Temporary exemption from coverage and speed obligations

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› Frequently asked questions about the coverage and speed obligation

Question and answer

› Supervisory Framework for Mobile Communications and measurement protocols for mobile network permits

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