

# **Is New Zealand's 5G communications using shared base stations**



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### Telecommunications Connectivity Map

This map allows users to view the coverage of all broadband technologies in New Zealand, as well as understand the make up of connections in geographic areas.

### What is 5G?

The design of 5G networks will be very different to traditional networks. As is often the case from new technologies, this new design comes along with some security challenges.



### Fact Sheet: Mobile Networks in NZ

Base stations need to be located reasonably close to mobile phone users to provide good quality reception. This means that if an area has more people using mobile phones, more base stations will

### Network Updates NZ

Spark announces major 5G network expansion reaching smaller towns across New Zealand, improving coverage for rural customers and bringing high-speed connectivity to previously



### Preparing for 5G in New Zealand

The direct allocation process was selected to



accelerate availability of 5G to small towns across New Zealand and leverage the existing capability of New Zealand's 3 major Mobile Network Operators

### [5G regulation and law in New Zealand , CMS Expert Guides](#)

Today, we're proud to announce that Dense Air, the world's leading provider of shared 4G and 5G neutral host radio access network infrastructure, will work alongside Crown Infrastructure



### [INFORMATION SHEET: 5G in Aotearoa New Zealand](#)

Rolling out 5G will require new infrastructure. There are opportunities for telecommunication companies to share infrastructure to reduce costs and make 5G more accessible, particularly in rural areas.

## Telecommunications in New Zealand

Telecommunications in New Zealand are fairly typical for an industrialised country. Fixed-line broadband and telephone services were largely provided through copper-based networks, but fibre-based



## Cellsites and 5G

The safety of 5G is covered by the New Zealand exposure standard. The exposure limits in this standard, and Ministry of Health and Health NZ recommendations, are based only on health research.

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