

Joint Committee on the National Broadband Network
Answers to Questions on Notice
Broadband, Communications and the Digital Economy Portfolio
NBN Co Limited

Question No: 1

Hansard Ref: In writing (18 October 2012)

Topic: Fibre networks in Australia

Mr Oakeshott MP asked:

How many existing fibre networks are there across Australia?



@ 4.58pm

Answer:

The Department of Broadband, Communications and the Digital Economy monitors fibre networks generally, using publicly available information as well as information provided on a confidential basis.

There are many licensed carriers operating fibre networks in new developments as well as in central business districts, and to provide backhaul. We understand that the focus is on new developments and are responding on this basis.

The department understands the following operators, other than NBN Co, may be providing fibre to the premises infrastructure and/or services in new developments: Telstra, TransACT, Opticomm, OpeNETWORKS, Pivit, Places Victoria (VicUrban), Comverge, Service Elements, Clublinks Telecommunications, Arise Broadband, TasTel, Open Access Networks/Universal Communications Group, GeoMedia, and Wobygong. It is possible that there are other carriers building or providing fibre networks in new developments.

In terms of how many networks are in operation, it does depend on how networks are defined. For example, some carriers may say they operate a single network but in multiple locations, while others might consider each set of infrastructure in a discrete location is a network. Our answer is limited by the information available to us, but in the above we have identified 14 different corporate entities that operate FTTP networks.

The two largest operators of fibre networks in new developments other than NBN Co are Telstra and Opticomm.

Telstra has advised us that its Telstra Velocity fibre services are, or will be available in, 127 developments.

OptiComm's website (<http://www.opticomm.net.au/index.php/communities/our-communities>) indicates it is or will be operating fibre infrastructure in around 70 developments.

We estimate that there are fewer than 70 other developments in which other carriers are providing fibre.

By comparison, NBN Co is already providing services in over 80 developments and has commenced or completed construction to over 45,000 lots.

Joint Committee on the National Broadband Network
Answers to Questions on Notice
Broadband, Communications and the Digital Economy Portfolio
NBN Co Limited

Question No: 2

Hansard Ref: In writing (18 October 2012)

Topic: Fibre networks in Australia

Mr Oakeshott MP asked:

How are the existing fibre networks going to be managed in regard to the NBN rollout?

Answer:

Fibre networks built or extended before 1 January 2011 are subject to the same regulatory framework as other networks that existed prior to that date.

Fibre networks built or extended after 1 January 2011 to solely or principally service residential and small business customers are subject to Parts 7 and 8 of the *Telecommunications Act 1997*. Unless exempted, these provisions require new fixed-line superfast networks to be wholesale-only and the operators of such networks to offer a Layer 2 bitstream service on an open-access and non-discriminatory basis. These arrangements are intended to provide end-users of these networks with the same kinds of service outcomes as will be available on the NBN. NBN Co will be able to rollout in parallel to these networks.

In addition, fibre networks existing as at 1 January 2012 in residential estates are also subject to the adequately served policy. A network that meets the 'adequately served' criteria can be identified as such and NBN Co will not deploy fibre infrastructure in the area serviced by the 'adequately served' network unless authorised by Shareholder Ministers.

Joint Committee on the National Broadband Network
Answers to Questions on Notice
Broadband, Communications and the Digital Economy Portfolio
NBN Co Limited

Question No: 3

Hansard Ref: In writing (18 October 2012)

Topic: Fibre networks in Australia

Mr Oakeshott MP asked:

Are these existing fibre networks going to be progressively subsumed through the NBN rollout or all together at a point during the NBN rollout?

Answer:

All existing fibre network operators have had the opportunity to seek the adequately served provisions. If the existing provider has sought and is successful in seeking these adequately served provisions, then the NBN will not deploy fibre infrastructure in those areas.

As the rollout progresses, in instances where there is an alternative fibre network in place in a particular area but NBN Co needs to deploy infrastructure, it will be an operational decision for NBN Co at that time as to whether it will seek to acquire and integrate the existing infrastructure into its network on a commercial basis.

Joint Committee on the National Broadband Network
Answers to Questions on Notice
Broadband, Communications and the Digital Economy Portfolio
NBN Co Limited

Question No: 4

Hansard Ref: In writing (18 October 2012)

Topic: Fibre networks in Australia

Mr Oakeshott MP asked:

What will be the process for recompense to the retail service providers who currently own the existing fibre networks such as Telstra and iiNet?

Answer:

Telstra and iiNet's subsidiary TransACT have received ministerial exemptions from Parts 7 & 8 of the *Telecommunications Act 1997* in relation to some of their superfast networks, particularly those in new developments, that are scheduled to expire on 1 July 2018.

All existing fibre network operators have had the opportunity to seek the adequately served provisions. If the existing provider has sought and is successful in seeking these adequately served provisions, then the NBN will not deploy fibre infrastructure in those areas unless authorised by Shareholder Ministers.

As the rollout progresses, in instances where there is an alternative fibre network in place in a particular area but NBN Co needs to deploy infrastructure, it would be an operational decision for NBN Co at that time as to whether it would seek to acquire and integrate the existing infrastructure into its network on a commercial basis.

Joint Committee on the National Broadband Network
Answers to Questions on Notice
Broadband, Communications and the Digital Economy Portfolio
NBN Co Limited

Question No: 5

Hansard Ref: In writing (19 October 2012)

Topic: Fibre networks in Australia

Mr Oakeshott MP asked:

Since the first announcement of the NBN rollout in the Taree area, there has been an update of the NBN rollout map and some areas have now been excluded from the original rollout announcement.

- a) In particular, with Taree CBD about to be connected to the NBN, other nearby areas like Chatham and Wingham are missing out, can you provide an explanation as to why Chatham and Wingham are not being connected to the NBN at the same time as the Taree CBD?

Answer:

NBN Co is rolling out the fibre network to communities in what are termed Fibre Serving Areas (FSA). Each FSA is made up of a number of Fibre Serving Area Modules (FSAMs).

On 12th October NBN Co published the first two FSAMs that have commenced construction within the Taree FSA, with more FSAMs to commence construction shortly.

Both the published FSAMs (marked in orange, indicating construction commenced) and the upcoming FSAMs (marked in pink, indicating construction to commence within the next 12 months) can be viewed on the NBN Co rollout maps at <http://www.nbnco.com.au/rollout/rollout-map.html>.

As the maps indicate, Chatham and Wingham are within the area for which construction is intended to commence shortly. Please refer to the attached screenshot.

Joint Committee on the National Broadband Network
Answers to Questions on Notice
Broadband, Communications and the Digital Economy Portfolio
NBN Co Limited



NBN Co
Transforming opportunities to life

[Contact us](#) | [Subscribe](#) | [FAQ](#) | [Twitter](#) | [YouTube](#) | [iStock](#) |

[Home](#) | [About us](#) | [NBN rollout](#) | [Getting connected](#) | [News & events](#) | [Working for us](#) | [For schools](#)

NBN rollout map [All of Australia](#) [ACT](#) [NSW](#) [NT](#) [QLD](#) [SA](#) [TAS](#) [VIC](#) [WA](#) [Print](#) [Share](#)

Where do you live?

Find

Search result:

Taree NSW 2430

This is the NBN rollout activity in your area. Different stages of the NBN rollout can be in progress in your postcode at the same time.

- Fibre (Work commenced - work commenced in your area on Sep 2012)
- Fibre (Work to commence within one year - are not commencing work in your area from Sep 2012 in phases with last work scheduled to commence in May 2013)

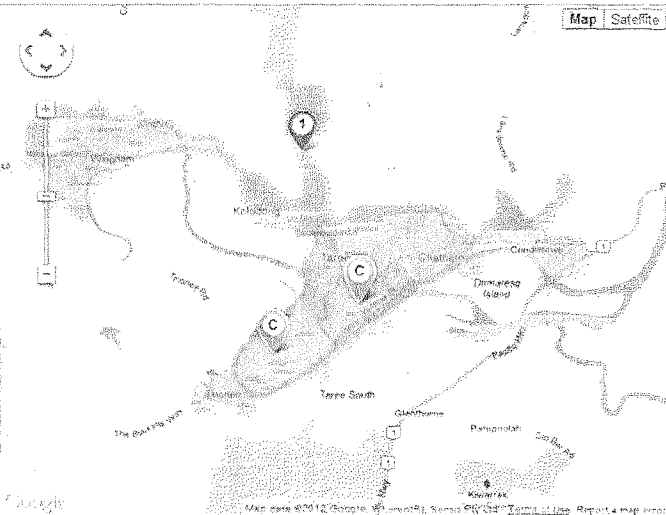
It is estimated that the average time from work beginning to NBN services being available is 12 months.

[View all communities in the rollout](#)

Ready to connect?
Find a telephone or internet service provider

More about our internet satellite service

Subscribe to our newsletter for updates on the rollout



National Broadband Network rollout

 Your search	 Service available ☒ Fibre ☒ Fixed wireless	 Work commenced ☒ Fibre ☒ Fixed wireless	 Work commences within one year ☒ Fibre	 Work commences within three years ☒ Fibre ☒ Fixed wireless
------------------------	---	--	--	---

New housing developments - NBN Ready estates

 Service available	 Work commenced
------------------------------	---------------------------