

SEPTEMBER

16

BROADBAND DEPLOYMENT UPDATE



97.8%

*of New Zealanders
will have access to
faster broadband
by end 2019*

*(under phase 1 of
UFB and RBI)*

Ultra-Fast Broadband (UFB) Phase 1

69.2% of the build in UFB areas has been completed.

There are 288,790 users connected to UFB, a 20% increase in connected users since end of June 2016.

UFB uptake is 28.3%.

→ [see page 2](#)

✓ Rural Broadband Initiative (RBI) Phase 1

New tower builds and copper line upgrades are complete.

373 existing towers have been upgraded. 14 more towers will be upgraded by June 2017.

297,814 users are able to connect. 119,587 users are connected.

RBI uptake is 40.2%.

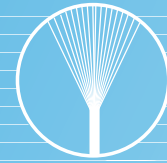
More details on the RBI can be found at MBIE's deployment progress page [here](#).

✓ Priority Users

Schools, hospitals and health centres are now able to access fibre or fast wireless broadband.

BROADBAND@MBIE.GOV.T.NZ

ULTRA-FAST BROADBAND INITIATIVE (UFB) – PHASE 1



UFB phase 1 is connecting 75% of New Zealanders with fibre to the premise by end 2019. Fibre will be capable of peak speeds of at least 100 Mbps.

Highlights

- › 93 retail providers are actively offering UFB services.
- › UFB connections are available in all **33 UFB candidate areas**. For information on whether you can connect to UFB, please contact your retail service provider or go to www.broadband.govt.nz.

TABLE 1: UFB Progress at September Quarter 2016

	End users able to connect	Connected users
Added this quarter	13,342	48,165
Total to date	1,020,083	288,790

FIGURE 1A: Households and businesses able to connect

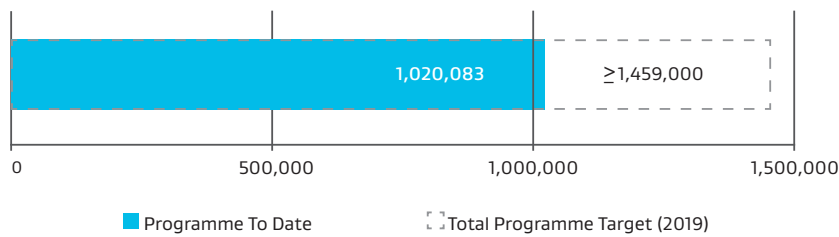
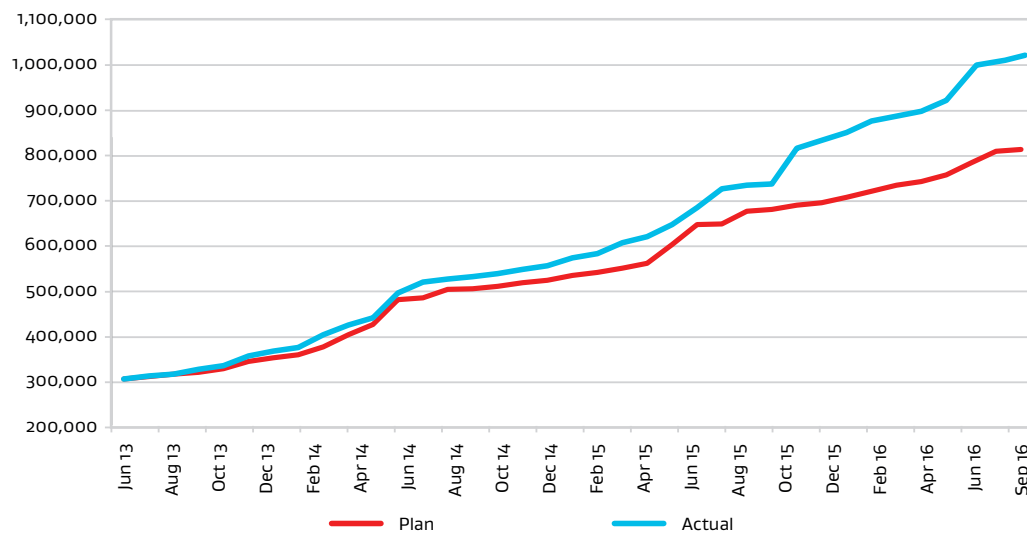
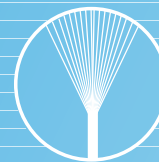


FIGURE 1B: UFB Households and businesses able to connect



UFB REGIONAL DEPLOYMENT PROGRESS: NORTH ISLAND



AUCKLAND

- Auckland**
- 53% complete – completion 2019
 - 292,335 users¹ can connect: 31% uptake
- Pukekohe**
- 68% complete – completion 2018
 - 5,278 users can connect: 26% uptake
- Waiheke Island**
- 75% complete – completion 2016
 - 4,359 users can connect: 20% uptake
- Waiuku**
- 100% complete
 - 3,628 users can connect: 29% uptake

WAIKATO

- Cambridge**
- 100% complete
 - 8,053 users can connect: 34% uptake
- Hamilton**
- 100% complete
 - 65,454 users can connect: 31% uptake
- Te Awamutu**
- 100% complete
 - 5,812 users can connect: 28% uptake
- Taupo**
- 100% complete
 - 13,336 users can connect: 24% uptake
- Tokoroa**
- 100% complete
 - 5,473 users can connect: 25% uptake

TARANAKI

- Hawera**
- 100% complete
 - 4,912 users can connect: 23% uptake
- New Plymouth**
- 100% complete
 - 26,273 users can connect: 29% uptake

WELLINGTON

- Masterton**
- 100% complete
 - 9,551 users can connect: 26% uptake
- Kapiti**
- 48% complete – completion 2019
 - 8,668 users can connect: 17% uptake
- Wellington**
- 50% complete – completion 2019
 - 94,747 users can connect: 23% uptake

NORTHLAND

- Whangarei**
- 100% complete
 - 22,699 users can connect: 35% uptake

BAY OF PLENTY

- Rotorua**
- 100% complete
 - 26,698 users can connect: 31% uptake
- Tauranga**
- 100% complete
 - 57,029 users can connect: 36% uptake
- Whakatane**
- 100% complete
 - 7,141 users can connect: 21% uptake

GISBORNE / HAWKE'S BAY

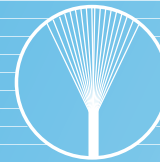
- Gisborne**
- 50% complete – completion 2018
 - 7,669 users can connect: 15% uptake
- Napier/Hastings**
- 58% complete – completion 2019
 - 30,630 users can connect: 25% uptake

MANAWATU/WANGANUI

- Feilding**
- 50% complete – completion 2018
 - 3,386 users can connect: 20% uptake
- Levin**
- 59% complete – completion 2017
 - 5,093 users can connect: 19% uptake
- Palmerston North**
- 71% complete – completion 2019
 - 24,509 users can connect: 29% uptake
- Whanganui**
- 100% complete
 - 20,786 users can connect: 23% uptake

¹ Users may be households, businesses and schools.

UFB REGIONAL DEPLOYMENT PROGRESS: SOUTH ISLAND



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NELSON/MARLBOROUGH

Blenheim

- **100%** complete
- **13,084** users can connect:
33% uptake

Nelson

- **79%** complete – completion **2018**
- **20,316** users can connect:
35% uptake

WEST COAST/TASMAN

Greymouth

- **100%** complete
- **4,337** users can connect:
22% uptake

CANTERBURY

Ashburton

- **100%** complete
- **8,930** users can connect:
26% uptake

Christchurch (incl Rangiora)

- **70%** complete -
completion **2019**
- **134,638** users can
connect: **24%** uptake

Timaru

- **100%** complete
- **14,584** users can connect:
30% uptake

OTAGO

Dunedin

- **67%** complete
– completion **2019**
- **36,726** users can connect:
31% uptake

Oamaru

- **100%** complete
- **6,728** users can connect:
23% uptake

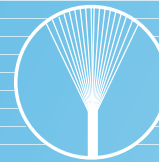
Queenstown

- **100%** complete
- **7,976** users can connect:
19% uptake

SOUTHLAND

Invercargill

- **75%** complete
– completion **2018**
- **19,245** users can connect:
22% uptake



→ Ultra-fast broadband increases productivity for business



New Zealand tourism business Skyline says the move to Ultra-Fast Broadband (UFB) has helped make its business more responsive and able to best serve its customers.

“Our company has almost 30 different businesses across almost 20 sites with around 1,200 staff right throughout the NZ business,” says Architecture & Infrastructure Manager Jonathan Clark.

“All our applications are centralised; our network is our core piece of infrastructure. So the broadband connectivity has to be rock solid and always available. Some of our sites are open 9am-11pm and some are 24 x 7 (hotels), so need good data connection right through the day.

“Having UFB is essential in helping enhance our customer experience. One of our key products is providing our customers with photos of their visit. When you are at the bottom of the gondola you get your photo taken and they are displayed when you get back and are also available online, so you can share them.

“There are also photos of our customers on the Luge. The photos are all uploaded to a microsite. Some days you might have 7,000 images that need to be uploaded. That’s a lot of data, and it needs to be up as quickly as possible, this couldn’t happen without an ultra-fast connection.

Skyline’s international sites also need to be able to interact with the Christchurch data centre with high reliability and low latency. “We need a network that can scale and grow with our business and its requirements. Going forward Skyline will use UFB to underpin our business transformation to new generation line of business applications that will enable us to handle future growth and a customer centric approach as well as use it to provide some really cutting edge services and experiences to our guests.”

→ Improved connectivity in Whakatane

Businesses and residents in Whakatane and wider Bay of Plenty can now join the Ultra-Fast Broadband (UFB) revolution with the town the 20th metropolitan area to complete fibre deployment.

Minister for Communications Amy Adams is championing the benefits UFB and the associated Rural Broadband Initiative (RBI), will bring to the region’s economy, saying, “Tourism contributes more than \$100 million to the Bay of Plenty and employs around 10 percent of the workforce. Better broadband will help Whakatane and Bay of Plenty tourism businesses grow and thrive.

“It will be great to see more tourism companies use the new infrastructure to deliver a world-class visitor experience.

“We also know that UFB and RBI will attract new businesses to the region, and make it easier for tech entrepreneurs to take their skills and ideas to the world.”

“Children are also at the hub of UFB with all eight Whakatane schools connected and part of the new Network for Learning,” says Minister Adams.

Further to 7,000 Whakatane households having access to UFB, 23,000 households and businesses in the wider Bay of Plenty region can access the RBI.

In addition to the \$1.65 billion funding for the UFB and RBI initiatives, the Government has committed an additional \$360 million to extend both programmes to more New Zealanders.



■ Website

The quarterly broadband update is available in PDF format through the Ministry of Business Innovation and Employment's website: www.mbie.govt.nz/info-services/sectors-industries/technology-communications/fast-broadband/deployment-progress

■ Data Sources

The broadband deployment update is compiled with information from Crown Fibre Holdings and the Government's RBI partners.

This update covers the September quarter (1 July – 30 September 2016).

■ Photo credits

Cover: Kieren Scott

Ultra-fast broadband increases productivity for business: Skyline Queenstown

Improved connectivity in Whakatane: Kieren Scott, Firstlight

■ Next Release

The next quarterly broadband update is scheduled for release February 2017.

Please forward any enquiries to:

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**MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT**
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New Zealand Government