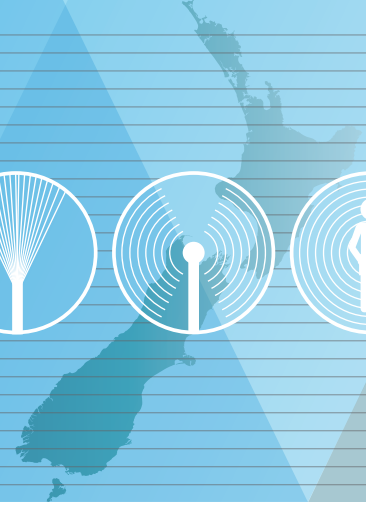


DECEMBER

13

BROADBAND DEPLOYMENT UPDATE



97.8%

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

UFB

27% of New Zealanders in UFB areas have access, and over 19,000 users are now connected to UFB

→ see page 2

Rural Broadband Initiative (RBI)

250 towers have now been upgraded

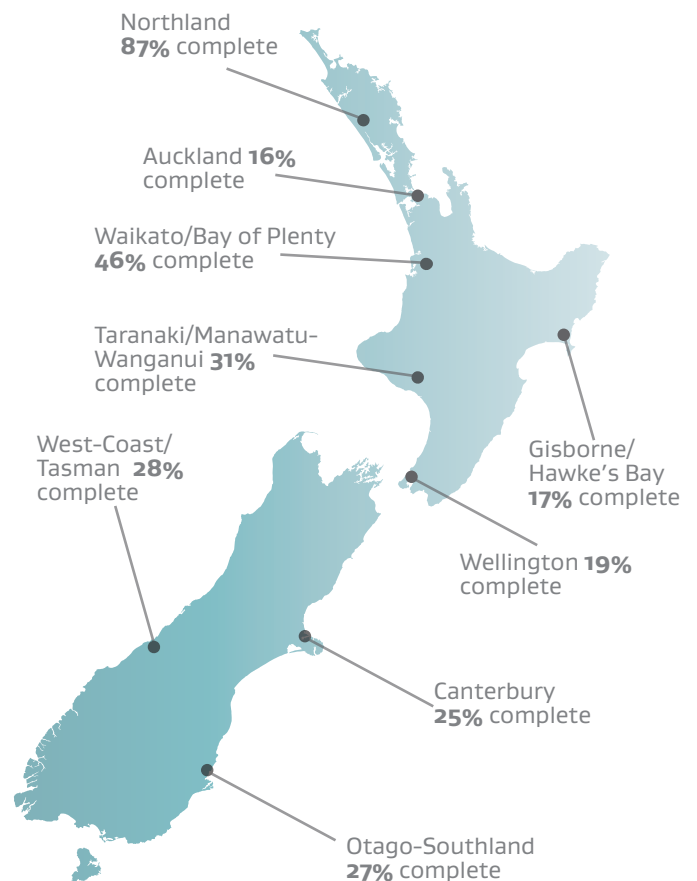
→ see page 3

Priority Users

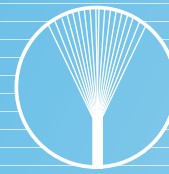
Over 80% of the programme target for schools to be ready for service has been reached

→ see page 5

UFB DEPLOYMENT PROGRESS:



ULTRA-FAST BROADBAND INITIATIVE (UFB)



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

Highlights

- › 61 retail providers are actively offering UFB services.
- › UFB connections are now available in 26 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 December Quarter 2013

	End users able to connect	Connected users
Added this quarter	40,630	5,667
Total to date*	363,109	19,915

FIGURE 1A: UFB end users able to connect

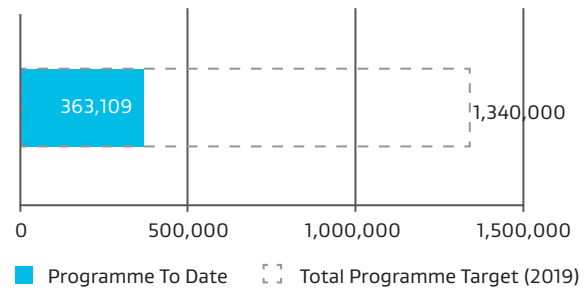
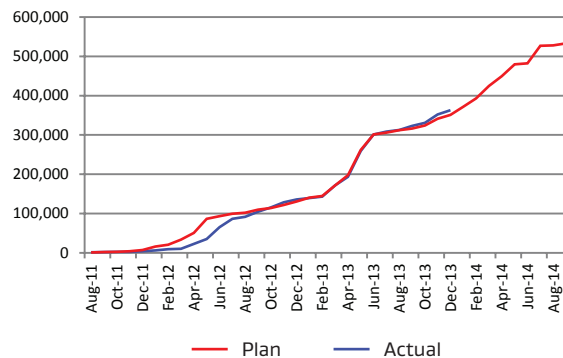


FIGURE 1B: UFB end users able to connect



→ UFB

The Greymouth UFB build got underway in December 2013. When completed, over 3,500 homes and businesses as well as eight local schools will be able to connect directly to the fibre network. The build involves local contractor Electronet and local power company Westpower, working with Chorus.



RURAL BROADBAND INITIATIVE (RBI)



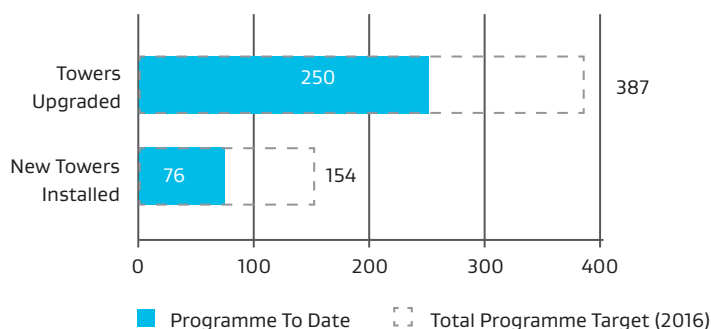
Connecting 86% of rural homes and businesses (outside UFB areas) with broadband at peak speeds of at least 5Mbps by 2016. This is through fixed wireless and improved copper services (some rural homes and businesses will be able to choose between the two services).

VODAFONE's role is the provision of fixed wireless broadband capable of peak speeds of at least 5Mbps.

TABLE 2: Vodafone Progress at December Quarter 2013

	Towers Upgraded	New Towers Installed	Households Covered (Approximate)
Added This Quarter	60	16	41,951
Total to Date	250	76	179,161

FIGURE 2: Vodafone RBI

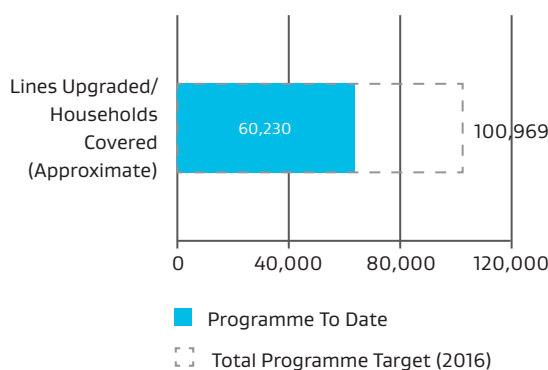


CHORUS' role is the deployment of fibre to cabinets, offering improved broadband services. Some residences will receive copper-based broadband speeds of up to 20Mbps.

TABLE 3: Chorus Progress at December Quarter 2013

	Lines Upgraded/ Households Covered (Approximate)
Added this Quarter	4,090
Total to Date	60,230

FIGURE 3: Chorus RBI



RURAL BROADBAND INITIATIVE (RBI)



→ RBI

At the half way point of the five year RBI programme, Vodafone is well on target for its share of the rural broadband programme. The lattice tower at Tokanui in the Southland District is one of 16 new towers installed in the quarter. The RBI towers are built to allow other operators to co-locate, and some have already been enabled with super fast 4G mobile technology.





To be connected with fibre capable of peak speeds of at least 100Mbps through the UFB or RBI. Remote schools will receive point-to-point wireless connections capable of peak speeds of at least 10Mbps.

TABLES 4A & 4B: Schools Progress at December Quarter 2013

Added this Quarter	Schools with fibre past the school gate	Schools ready for service	Total to date	Schools with fibre past the school gate	Schools ready for service
UFB	93	101	UFB	1,282	1,196
RBI	39	38	RBI	836	832
Remote schools	n/a	1	Remote schools	n/a	39

Note: The programme target covers state and state-integrated schools. It includes schools that have been connected to fibre outside of the UFB and RBI.

FIGURE 4: Total UFB, RBI and Remote Schools ready for service

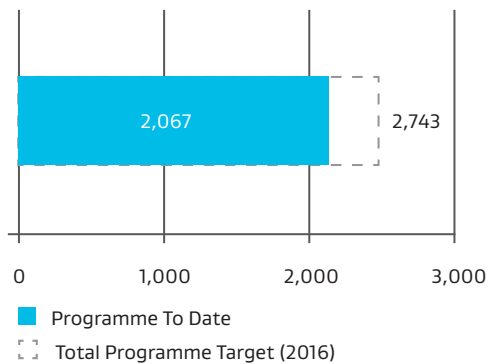
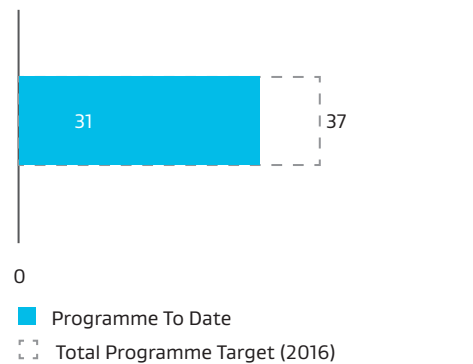


FIGURE 5: Total rural hospitals ready for service



→ PRIORITY USERS



"I am blown away at the difference this has made in the classroom; from student engagement and even curriculum delivery. Students can access and engage with internet programmes and apps instantly. The world of possibilities teachers can now engage in is huge in terms of delivering education in the 21st century."

Kane Todd, Principal, Makahu School
(Remote Schools Broadband, in partnership with Araneo)

■ Website

The quarterly broadband update is available in pdf format through the Ministry's Economic Development website:

<http://www.med.govt.nz/sectors-industries/technology-communication/fast-broadband/deployment-progress>

■ Data Sources

The broadband deployment update is compiled with information from Crown Fibre Holdings and the various companies mentioned in this update .

■ Next Release

The next quarterly broadband update is scheduled for release May 2014.

Please forward any enquiries to:

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**MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT**
HĪKINA WHAKATUTUKI

New Zealand Government