97.8% of New Zealanders will have access to faster broadband by end 2019

**UFB**
More than half a million New Zealanders in UFB areas have access, and over 39,000 users are now connected to UFB, a 44% increase in connected users since end March 2014
→ see page 2

**Rural Broadband Initiative (RBI)**
Two thirds of tower upgrades have been completed
→ see page 3

**Priority Users**
Over 90% of the programme target for schools to be ready for service has been reached
→ see page 5
BROADBAND DEPLOYMENT UPDATE
JUNE 2014

UFB Halves Software Company’s Costs
Auckland-based business applications company, Navigator Business Software, has experienced significant reductions in its telecommunications costs since connecting to UFB.

Navigator’s IT system can now handle far greater volumes of traffic – whether it be customer support, training videos, or product updates being sent out.

UFB has also enabled the company to cut its power bills by moving to cloud applications and replacing its internal server stack.

Highlights

› 74 retail providers are actively offering UFB services.

› UFB connections are now available in 31 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 June Quarter 2014

<table>
<thead>
<tr>
<th></th>
<th>End users able to connect</th>
<th>Connected users</th>
</tr>
</thead>
<tbody>
<tr>
<td>Added this quarter</td>
<td>96,339</td>
<td>12,143</td>
</tr>
<tr>
<td>Total to date</td>
<td>517,203</td>
<td>39,510</td>
</tr>
</tbody>
</table>

FIGURE 1A: UFB end users able to connect

FIGURE 1B: UFB end users able to connect

UFB

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.
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 June Quarter 2014

<table>
<thead>
<tr>
<th>Added this Quarter</th>
<th>Towers Upgraded</th>
<th>New Towers Installed</th>
<th>Households Covered (Approximate)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>8</td>
<td>8,415</td>
</tr>
<tr>
<td>Total to Date</td>
<td>262</td>
<td>89</td>
<td>195,415</td>
</tr>
</tbody>
</table>

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 June Quarter 2014

<table>
<thead>
<tr>
<th>Added this Quarter</th>
<th>Lines Upgraded/ Households Covered (Approximate)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5,598</td>
</tr>
<tr>
<td>Total to Date</td>
<td>72,068</td>
</tr>
</tbody>
</table>

FIGURE 3: Chorus RBI
Faster broadband in South Westland

Four communities in South Westland now have access to faster broadband, under the Rural Broadband Initiative.

Haast township, Hannahs Clearing, Neils Beach and Jackson Bay can access the Internet at speeds that are faster and more reliable than their previous satellite services.

A new microwave link between the local communities and the rest of the network is being used to provide wireless broadband via new wireless sites.

The repeater installed at Haast Township.
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 June Quarter 2014**

<table>
<thead>
<tr>
<th>Added this Quarter</th>
<th>Schools with fibre past the school gate</th>
<th>Schools ready for service</th>
</tr>
</thead>
<tbody>
<tr>
<td>UFB</td>
<td>14</td>
<td>31</td>
</tr>
<tr>
<td>RBI</td>
<td>71</td>
<td>73</td>
</tr>
<tr>
<td>Remote schools</td>
<td>n/a</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total to date</th>
<th>Schools with fibre past the school gate</th>
<th>Schools ready for service</th>
</tr>
</thead>
<tbody>
<tr>
<td>UFB</td>
<td>1,315</td>
<td>1,249</td>
</tr>
<tr>
<td>RBI</td>
<td>951</td>
<td>948</td>
</tr>
<tr>
<td>Remote schools</td>
<td>n/a</td>
<td>41</td>
</tr>
</tbody>
</table>

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**

Note: The number of hospitals includes eight rural hospitals connected to fibre prior to the establishment of the RBI.

**PRIORITY USERS**

**600 schools connected to Network for Learning**

The rollout of fast Internet to schools has reached its latest connection milestone ahead of schedule, with 600 schools connected to Network for Learning’s (N4L) Managed Network in July 2014.

Schools connecting to the Managed Network benefit from quick and reliable Internet complete with uncapped data, web filtering and network security services to help schools create a safe learning environment for their students.

N4L is on track to connect all participating schools by the end of 2016.

www.n4l.co.nz
Website
The quarterly broadband update is available in pdf format through the Ministry’s Economic Development website:
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. This update covers the June quarter (1 April – 30 June) 2014.

Technical Note
The regional breakdowns displayed on page one (“UFB deployment progress by region”) have been altered to provide a more detailed view of deployment by region. This amendment has been made to ensure consistency with the regional deployment factsheets produced annually by the Ministry.

Next Release
The next quarterly broadband update is scheduled for release November 2014.
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