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**CROWN
INFRASTRUCTURE**

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QUARTERLY CONNECTIVITY UPDATE

to 30 SEPTEMBER 2024



CONTENTS

Q3 HIGHLIGHTS 3

OUR TARGETS 4

OVERALL PROGRESS 5

UFB SNAPSHOTS 6

UPDATE BY REGION

NORTHLAND 8

AUCKLAND 9

WAIKATO 10

BAY OF PLENTY 11

GISBORNE 12

HAWKE'S BAY 13

TARANAKI 14

MANAWATŪ-WHANGANUI 15

WELLINGTON 16

TOP OF THE SOUTH 17

WEST COAST 18

CANTERBURY 19

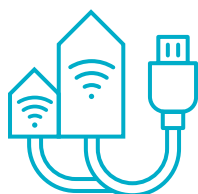
OTAGO 20

SOUTHLAND 21

Cover: Makara Beach Tower, Wellington – Rural Connectivity Group
Page 2: Stey Brae Tower, West Coast – Rural Connectivity Group,
Rural Broadband Programm

Q3 HIGHLIGHTS

JULY - SEPTEMBER 2024



13,550

**UFB
CONNECTIONS**



76.1%

UFB UPTAKE



5

**MARAE
CONNECTED**



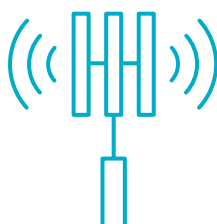
4

**MARAE WITH
HARDWARE
INSTALLED**



44.0%

**UPTAKE ON
RCG TOWERS***



5

**NEW MOBILE
TOWERS
COMPLETE**



77km

**STATE
HIGHWAY AND
LOCAL ROADS
COVERED****



8

**NEW TOURISM
SITES COVERED**



0

**SETTLEMENTS
WITH VOICE
COVERAGE**



178

**RURAL HOMES
& BUSINESSES
WITH ACCESS
TO IMPROVED
BROADBAND**



1,560

**RURAL HOMES
& BUSINESSES
WITH BROADBAND
CAPACITY
UPGRADES**



\$15.1m

**INVESTMENT
IN DIGITAL
CONNECTIVITY**

* connections reducing, reportedly due to impact of Starlink.

** State Highway and Local Road KMs are based on GIS coverage files supplied to CIP by build partners.

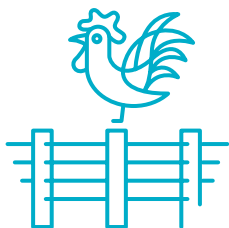
OUR TARGETS

RURAL CONNECTIVITY AND MOBILE BLACK SPOT TARGETS



**877 ELIGIBLE
MARAE**

can connect to
broadband on request



**~84,000 RURAL
HOMES &
BUSINESSES**

will receive improved
broadband



~1,800KM*
of State Highway and
Local Roads and over
**180 TOURISM
SITES***

will receive mobile
coverage



**~70,000 RURAL
HOMES &
BUSINESSES**

with Broadband Capacity
Upgrades

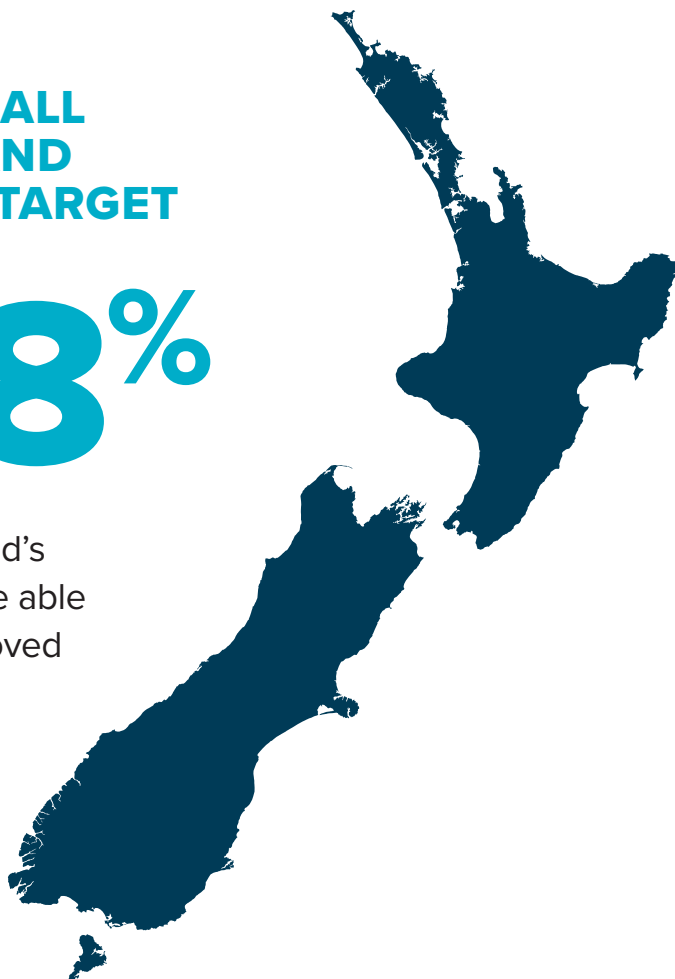


9*
SETTLEMENTS
with voice coverage

OUR OVERALL BROADBAND AVAILABILITY TARGET

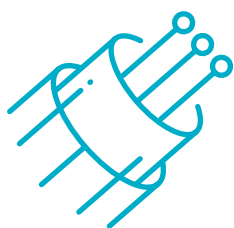
99.8%

of New Zealand's
population will be able
to access improved
broadband



OVERALL PROGRESS

ULTRA-FAST BROADBAND (UFB)



**1,856,651 HOMES
AND BUSINESSES**

with UFB available



**1,408,758 HOMES
AND BUSINESSES**

connected to UFB



**UPTAKE
76%**

UFB WAS COMPLETED IN DECEMBER 2022

FINANCIAL



**INVESTED
PTD***

\$2.2b

Total Investment

MARAE DIGITAL



666

**MARAE ARE NOW
CONNECTED**



661

**MARAE WITH
HARDWARE
INSTALLED**

RURAL CONNECTIVITY PROGRESS



**84,866 RURAL
HOMES AND
BUSINESSES**

can access improved
broadband
100.5% complete



**176
TOURISM
SITES**

have mobile
coverage
96% complete



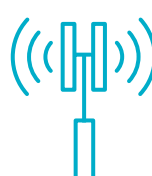
**1,760KM OF
STATE HIGHWAY &
LOCAL ROADS**

have mobile
coverage
94.7% complete



44%

Uptake on
RCG towers



**518 MOBILE
TOWERS****

are live
89.6% complete



**59,390
HOMES AND
BUSINESSES**

with Broadband
capacity upgrades
85% complete



**2
SETTLEMENTS**

with voice
coverage
15.4%

* PTD = Project to Date

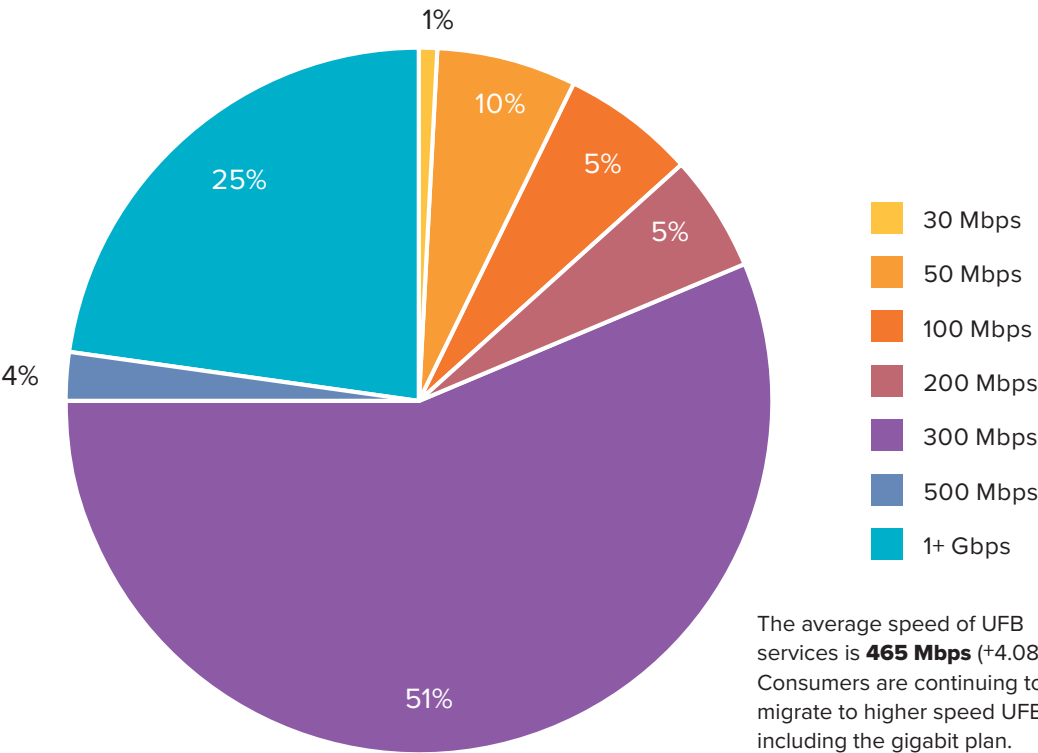
** Includes 4 Transmission Gully mobile towers which are funded by Mobile Network Operators (MNOs).

UFB SNAPSHOTS

CENTRES FOR UFB UPTAKE

RANK	TOWN	UPTAKE %
1	Matamata	92%
2	Invercargill	90%
3	Carterton	90%
4	Darfield	89%
5	Waipukurau	88%
6	Warkworth	87%
7	Helensville	87%
8	Morrinsville	87%
9	One Tree Point	86%
10	Cromwell	86%

UFB PRODUCT MIX



GIGABIT CONNECTIONS

345,920

Gigabit connections - end of quarter

6,649

Additional connections this quarter

* UFB Towns excludes towns with less than 1,000 premises and 100% coverage

UPDATE BY REGION





NORTHLAND



RURAL CONNECTIVITY

- Rural homes and businesses: **9,618** (**105%** of target)
- State Highways and Local Roads covered: **132km** (**116%** of target)
- Tourist sites covered: **12** (**80%** of target)
- Mobile towers built: **54** (**93%** of target)
- Rural capacity upgrades: **3,999** rural homes and businesses (**62%** of target), with **842** Stop Sells* upgraded



MARAE

132 Marae connected.



UFB AND FIBRE

- Towns complete: **40**
- Uptake: **71.3%**
- Connections: **37,664**
- Population with access: **59%**

RANK	TOWN	UPTAKE**
1	One Tree Point	86%
2	Paihia	85%
3	Dargaville	78%
4	Whangarei	75%
5	Ruakaka	75%



REGIONAL INVESTMENT

\$111.9M

* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.
** The uptake is provided by the local fibre companies and is not certified by CIP. Towns exclude any town with less than 1,000 premises and 100% coverage.



AUCKLAND



RURAL CONNECTIVITY

- Rural homes and businesses: **6,250** (**102%** of target)
- State Highways and Local Roads covered: **16km** (**100%** of target)
- Tourist sites covered: **2** (**100%** of target)
- Mobile towers built: **25** (**100%** of target)
- Rural capacity upgrades: **4,093** rural homes and businesses (**75%** of target), with **817** Stop Sells* upgraded



MARAE

22 Marae connected.



UFB AND FIBRE

- Towns complete: **32**
- Uptake: **83.4%**
- Connections: **492,980**
- Population with access: **95%**

RANK	TOWN	UPTAKE**
1	Warkworth	87%
2	Helensville	87%
3	Parau	86%
4	Waiuku	85%
5	Auckland	84%



REGIONAL INVESTMENT

\$501.1M

* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.
** The uptake is provided by the local fibre companies and is not certified by CIP. Towns exclude any town with less than 1,000 premises and 100% coverage.



WAIKATO



RURAL CONNECTIVITY

- Rural homes and businesses: **10,367** (**101%** of target)
- State Highways and Local Roads covered: **127km** (**98%** of target)
- Tourist sites covered: **18** (**120%** of target)
- Mobile towers built: **51** (**94%** of target)
- Rural capacity upgrades: **13,717** rural homes and businesses (**96%** of target), with **3,314** Stop Sells* upgraded
- Settlements with voice coverage: **0** (**0%** of target)



MARAE

102 Marae connected.



UFB AND FIBRE

- Towns complete: **60**
- Uptake: **73.8%**
- Connections: **131,401**
- Population with access: **79%**

RANK	TOWN	UPTAKE**
1	Matamata	92%
2	Morrinsville	87%
3	Waihi	86%
4	Cambridge	85%
5	Hamilton	81%



REGIONAL INVESTMENT

\$237.5M

* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.
** The uptake is provided by the local fibre companies and is not certified by CIP. Towns exclude any town with less than 1,000 premises and 100% coverage.



BAY OF PLENTY



RURAL CONNECTIVITY

- Rural homes and businesses: **6,075** (**99%** of target)
- State Highways and Local Roads covered: **66km** (**71%** of target)
- Tourist sites covered: **9** (**100%** of target)
- Mobile towers built: **23** (**85%** of target)
- Rural capacity upgrades: **6,512** rural homes and businesses (**89%** of target), with **1,892** Stop Sells* upgraded
- Settlements with voice coverage: **0** (**0%** of target)



MARAE

131 Marae connected.



UFB AND FIBRE

- Towns complete: **24**
- Uptake: **75.5%**
- Connections: **95,426**
- Population with access: **85%**

RANK	TOWN	UPTAKE**
1	Tauranga	82%
2	Kawerau	80%
3	Rotorua	73%
4	Whakatane	69%
5	Te Puke	69%



REGIONAL INVESTMENT

\$137.3M

* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.
** The uptake is provided by the local fibre companies and is not certified by CIP. Towns exclude any town with less than 1,000 premises and 100% coverage.



GISBORNE



RURAL CONNECTIVITY

- Rural homes and businesses: **2,386** (**98%** of target)
- State Highways and Local Roads covered: **142km** (**85%** of target)
- Tourist sites covered: **4** (**80%** of target)
- Mobile towers built: **17** (**81%** of target)
- Rural capacity upgrades: **886** rural homes and businesses (**55%** of target), with **23** Stop Sells* upgraded
- Settlements with voice coverage: **0** (**0%** of target)



MARAE

61 Marae connected.



UFB AND FIBRE

- Towns complete: **5**
- Uptake: **74.4%**
- Connections: **11,032**
- Population with access: **76%**

RANK	TOWN	UPTAKE**
1	Gisborne	75%
2	Manutūkē	74%
3	Ruatōria	71%
4	Tolaga Bay	61%
5	Te Karaka	58%



REGIONAL INVESTMENT

\$27.9M

* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.
** The uptake is provided by the local fibre companies and is not certified by CIP.



HAWKE'S BAY



RURAL CONNECTIVITY

- Rural homes and businesses: **4,244** (**101%** of target)
- State Highways and Local Roads covered: **97km** (**85%** of target)
- Tourist sites covered: **6** (**60%** of target)
- Mobile towers built: **38** (**90%** of target)
- Rural capacity upgrades: **1,437** rural homes and businesses (**64%** of target), with **320** Stop Sells* upgraded



MARAE

61 Marae connected.



UFB AND FIBRE

- Towns complete: **14**
- Uptake: **72.0%**
- Connections: **40,003**
- Population with access: **78%**

RANK	TOWN	UPTAKE**
1	Waipukurau	88%
2	Hastings	72%
3	Napier-Hastings	71%
4	Wairoa	71%
5	Bay View	66%



REGIONAL INVESTMENT

\$82.4M

* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.
** The uptake is provided by the local fibre companies and is not certified by CIP. Towns exclude any town with less than 1,000 premises and 100% coverage.



TARANAKI



RURAL CONNECTIVITY

- Rural homes and businesses: **2,540** (**105%** of target)
- State Highways and Local Roads covered: **84km** (**107%** of target)
- Tourist sites covered: **4** (**100%** of target)
- Mobile towers built: **18** (**100%** of target)
- Rural capacity upgrades: **3,386** rural homes and businesses (**97%** of target), with **347** Stop Sells* upgraded



MARAE

35 Marae connected.



UFB AND FIBRE

- Towns complete: **17**
- Uptake: **71.9%**
- Connections: **32,836**
- Population with access: **95%**

RANK	TOWN	UPTAKE**
1	New Plymouth	77%
2	Hawera	73%
3	Inglewood	67%
4	Stratford	67%
5	Waitara	61%



REGIONAL INVESTMENT

\$52.5M

* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.
** The uptake is provided by the local fibre companies and is not certified by CIP. Towns exclude any town with less than 1,000 premises and 100% coverage.



MANAWATŪ-WHANGANUI



RURAL CONNECTIVITY

- Rural homes and businesses: **11,195** (**100%** of target)
- State Highways and Local Roads covered: **111km** (**50%** of target)
- Tourist sites covered: **6** (**100%** of target)
- Mobile towers built: **38** (**75%** of target)
- Rural capacity upgrades: **3,184** rural homes and businesses (**90%** of target), with **619** Stop Sells* upgraded
- Settlements with voice coverage: **0** (**0%** of target)



MARAE

66 Marae connected.



UFB AND FIBRE

- Towns complete: **36**
- Uptake: **70.4%**
- Connections: **66,248**
- Population with access: **82%**

RANK	TOWN	UPTAKE**
1	Summerhill	84%
2	Ashhurst	78%
3	Feilding	77%
4	Palmerston North	77%
5	Levin	76%



REGIONAL INVESTMENT

\$142.6M

* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.
** The uptake is provided by the local fibre companies and is not certified by CIP. Towns exclude any town with less than 1,000 premises and 100% coverage.



WELLINGTON



RURAL CONNECTIVITY

- Rural homes and businesses: **3,766** (97% of target)
- State Highways and Local Roads covered: **34km** (153% of target)
- Tourist sites covered: **5** (83% of target)
- Mobile towers built: **24** (83% of target)
- Transmission Gully**: **4** mobile towers built (100% of target)
- Rural capacity upgrades: **1,750** rural homes and businesses (82% of target), with **270** Stop Sells* upgraded



MARAE

23 Marae connected.



UFB AND FIBRE

- Towns complete: **16**
- Uptake: **73.4%**
- Connections: **158,017**
- Population with access: **80%**

RANK	TOWN	UPTAKE***
1	Carterton	90%
2	Greytown	81%
3	Otaki	77%
4	Masterton	76%
5	Wellington	74%



REGIONAL INVESTMENT

\$204.4M

* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.
** Transmission Gully mobile towers are funded by Mobile Network Operators (MNOs).
*** The uptake is provided by the local fibre companies and is not certified by CIP. Towns exclude any town with less than 1,000 premises and 100% coverage.



TOP OF THE SOUTH



RURAL CONNECTIVITY

- Rural homes and businesses: **4,818** (96% of target)
- State Highways and Local Roads covered: **147km** (105% of target)
- Tourist sites covered: **15** (88% of target)
- Mobile towers built: **42** (84% of target)
- Rural capacity upgrades: **3,485** rural homes and businesses (98% of target), with **517** Stop Sells* upgraded



MARAE

7 Marae connected.



UFB AND FIBRE

- Towns complete: **22**
- Uptake: **73.4%**
- Connections: **46,538**
- Population with access: **78%**

RANK	TOWN	UPTAKE**
1	Nelson	79%
2	Brightwater	77%
3	Blenheim	74%
4	Renwick	71%
5	Havelock	71%



REGIONAL INVESTMENT

\$91.2M

* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.
** The uptake is provided by the local fibre companies and is not certified by CIP. Towns exclude any town with less than 1,000 premises and 100% coverage.



WEST COAST



RURAL CONNECTIVITY

- Rural homes and businesses: **2,723** (95% of target)
- State Highways and Local Roads covered: **350km** (106% of target)
- Tourist sites covered: **36** (116% of target)
- Mobile towers built: **60** (92% of target)
- Rural capacity upgrades: **327** rural homes and businesses (34% of target), with **43** Stop Sells* upgraded
- Settlements with voice coverage: **1** (100% of target)



MARAE

5 Marae connected.



UFB AND FIBRE

- Towns complete: **26**
- Uptake: **65.3%**
- Connections: **8,126**
- **204** kilometres of Fibre Link Backhaul built and is complete
- Population with access: **68%**

RANK	TOWN	UPTAKE**
1	Kaniere	83%
2	Hokitika	80%
3	Greymouth	75%
4	Runanga	70%
5	Carters Beach	64%



REGIONAL INVESTMENT

\$85.2M

* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.

** The uptake is provided by the local fibre companies and is not certified by CIP.



CANTERBURY



RURAL CONNECTIVITY

- Rural homes and businesses: **9,919** (**101%** of target)
- State Highways and Local Roads covered: **195km** (**116%** of target)
- Tourist sites covered: **28** (**90%** of target)
- Mobile towers built: **58** (**94%** of target)
- Rural capacity upgrades: **10,613** rural homes and businesses (**92%** of target), with **2,256** Stop Sells* upgraded



MARAE

14 Marae connected.



UFB AND FIBRE

- Towns complete: **58**
- Uptake: **71.1%**
- Connections: **190,217**
- Population with access: **86%**

RANK	TOWN	UPTAKE**
1	Darfield	89%
2	Roleston	83%
3	Lincoln	79%
4	Timaru	75%
5	Woodend	73%



REGIONAL INVESTMENT

\$295.6M

* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.

** The uptake is provided by the local fibre companies and is not certified by CIP. Towns exclude any town with less than 1,000 premises and 100% coverage.



OTAGO



RURAL CONNECTIVITY

- Rural homes and businesses: **5,064** (**102%** of target)
- State Highways and Local Roads covered: **208km** (**97%** of target)
- Tourist sites covered: **15** (**115%** of target)
- Mobile towers built: **33** (**80%** of target)
- Rural capacity upgrades: **4,634** rural homes and businesses (**84%** of target), with **554** Stop Sells* upgraded
- Settlements with voice coverage: **1** (**33%** of target)



MARAE

2 Marae connected.



UFB AND FIBRE

- Towns complete: **43**
- Uptake: **72.9%**
- Connections: **72,430**
- **43** kilometres of Fibre Link Backhaul built and is complete
- Population with access: **86%**

RANK	TOWN	UPTAKE**
1	Cromwell	86%
2	Queenstown	80%
3	Mosgiel	77%
4	Dunedin	77%
5	Alexandra	73%



REGIONAL INVESTMENT

\$148.6M

* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.
** The uptake is provided by the local fibre companies and is not certified by CIP. Towns exclude any town with less than 1,000 premises and 100% coverage.



SOUTHLAND



RURAL CONNECTIVITY

- Rural homes and businesses: **5,901** (**101%** of target)
- State Highways and Local Roads covered: **51km** (**107%** of target)
- Tourist sites covered: **16** (**84%** of target)
- Mobile towers built: **33** (**94%** of target)
- Rural capacity upgrades: **1,367** rural homes and businesses (**81%** of target), with **560** Stop Sells* upgraded



MARAE

5 Marae connected.



UFB AND FIBRE

- Towns complete: **19**
- Uptake: **75.8%**
- Connections: **25,840**
- **149** kilometres of Fibre Link Backhaul built and is complete
- Population with access: **72%**



RANK	TOWN	UPTAKE**
1	Invercargill	90%
2	Otatara	84%
3	Winton	65%
4	Te Anau	51%
5	Bluff	46%



REGIONAL INVESTMENT

\$82.2M

* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.

** The uptake is provided by the local fibre companies and is not certified by CIP. Towns exclude any town with less than 1,000 premises and 100% coverage.