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Te Kāwanatanga o Aotearoa

# QUARTERLY CONNECTIVITY UPDATE

**Q2: to 30 JUNE 2023**







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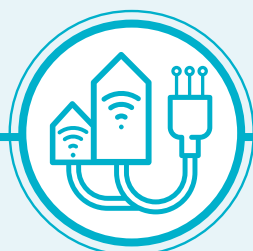
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# Q2 HIGHLIGHTS

APRIL - JUNE 2023



**20,963**

UFB CONNECTIONS



**73%**

UFB UPTAKE



**7km**

FIBRE LINKS KM  
COMPLETE



**7**

NEW TOURISM  
SITES COVERED



**46%**

UPTAKE ON  
RCG TOWERS



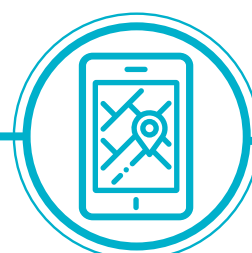
**25**

NEW MOBILE  
TOWERS  
COMPLETE



**2,284**

RURAL HOMES &  
BUSINESSES WITH  
ACCESS TO IMPROVED  
BROADBAND



**44km**

STATE HIGHWAY  
COVERED



**8**

MARAE  
CONNECTED  
THIS QUARTER



**11**

MARAE WITH  
HARDWARE  
INSTALLED THIS QUARTER



**6,362**

RURAL HOMES  
AND BUSINESSES  
WITH BROADBAND CAPACITY  
UPGRADES THIS QUARTER



**\$30.7m**

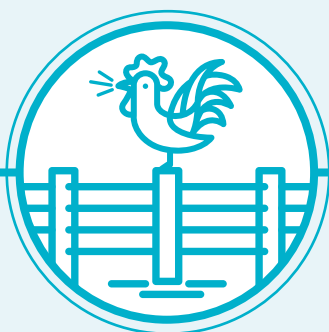
INVESTMENT  
IN DIGITAL  
CONNECTIVITY  
THIS QUARTER

# OUR TARGETS

## RURAL CONNECTIVITY AND MOBILE BLACK SPOT TARGETS



**877 ELIGIBLE MARAE**  
can connect to broadband on  
request



**~84,000 RURAL HOMES  
AND BUSINESSES**  
will receive improved broadband



**ABOUT 1,400KM**  
of State Highway and over  
**168 TOURISM SITES**  
will receive mobile coverage



**396KM FIBRE  
LINKS KMS\***



**69,869 RURAL HOMES  
AND BUSINESSES**  
with Broadband capacity upgrades



## OUR OVERALL BROADBAND AVAILABILITY TARGET

# 99.8%

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

\* Additional KMs added at Te Anau from Manapouri to Blackmount

# OVERALL PROGRESS

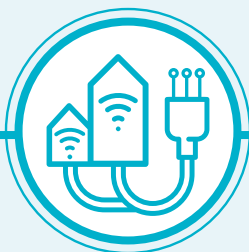
## ULTRA-FAST BROADBAND (UFB) AND FIBRE LINKS



**412 UFB TOWNS AND CITIES**  
are now complete



**1,836,402 HOMES AND BUSINESSES**  
with UFB available



**1,345,034 HOMES AND BUSINESSES**  
connected to UFB



**UPTAKE 73%**



**396 KM**  
Fibre Links KM  
100% Complete

**UFB WAS COMPLETED IN DECEMBER 2022**

## OUR OVERALL PROGRES



**87%**  
**OF NEW ZEALANDERS CAN NOW ACCESS UFB**



**624**  
**MARAE ARE NOW CONNECTED**



**INVESTED  
PTD\***

**\$2.1b**

**Total Investment**



**620**  
**MARAE WITH HARDWARE INSTALLED**

## RURAL CONNECTIVITY PROGRESS



**80,992 RURAL HOMES AND BUSINESSES**  
can access improved broadband  
96% complete



**124 TOURISM SITES**  
have mobile coverage  
74% complete



**1,273 KM OF STATE HIGHWAY**  
have mobile coverage  
91% complete



**46%**  
Uptake on RCG towers



**452 MOBILE TOWERS**  
are live  
86% complete



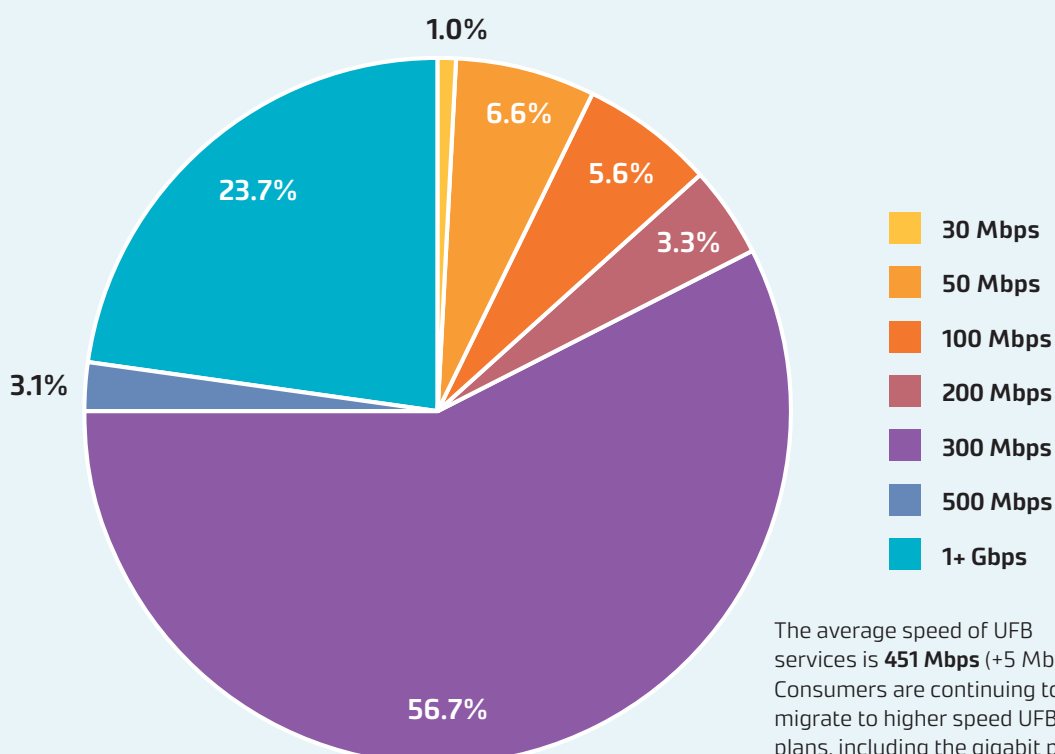
**31,155 HOMES AND BUSINESSES**  
with Broadband capacity upgrades  
45% complete

# UFB SNAPSHOTS

## TOP 10 CENTRES FOR UFB UPTAKE THIS QUARTER

RANK	TOWN	UPTAKE %	CHANGE IN RANK
1	Whatawhata	99%	0
2	Te Kauwhata	99%	0
3	Kawakawa Bay	99%	0
4	Pokeno	99%	0
5	Horotiu	99%	0
6	Waimauku	99%	0
7	West Melton	92%	0
8	Waiau	92%	0
9	Tuakau	90%	new
10	Pirongia	90%	new

## UFB PRODUCT MIX



## GIGABIT CONNECTIONS

**314,978**

Gigabit connections - end of quarter

**10,148**

Additional connections this quarter



# UPDATE BY REGION







# NORTHLAND



## UFB AND FIBRE

- There are **40** towns and cities with UFB available.
- **65%** of those with access to UFB have connected.
- There is a total of **33,798** premises connected.
- **59%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Waipū	86%
2	Maungakaramaea	81%
3	Maungatapere	81%
4	Mangawhai	81%
5	Hikurangi	79%



## RURAL CONNECTIVITY

- There are **9,268** rural homes and businesses with improved broadband access which is **101%** of target.
- There are **123** kilometres of mobile coverage on State Highways which is **108%\*\*** of target.
- There are **12** tourist sites with mobile coverage which is **80%** of target.
- There have been **50** mobile towers built which is **93%** of target.
- There have been **3,186** rural homes and businesses with broadband capacity upgraded with **655** of Stop Sells\* upgraded which is **49%** of target.



## MARAE

There are **123** Marae connected in Northland.

## TOTAL INVESTED:

Northland: **\$105m**

\* '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.

\*\* RCG have over-delivered on their contract meaning they have provided more mobile coverage to State Highways in this region.





# AUCKLAND



## UFB AND FIBRE

- There are **31** towns and cities with UFB available.
- **82%** of those with access to UFB have connected.
- There is a total of **481,318** premises connected.
- **95%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Kawakawa Bay	99%
2	Waimauku	99%
3	Warkworth	84%
4	Waiwera	84%
5	Auckland	83%



## RURAL CONNECTIVITY

- There are **5,967** rural homes and businesses with improved broadband access which is **97%** of target.
- There are **16** kilometres of mobile coverage on State Highways which is **99%** of target.
- There is **1** tourist site with mobile coverage which is **50%** of target
- There have been **24** mobile towers built which is **86%** of target.
- There have been **2,002** rural homes and businesses with broadband capacity upgrades, **437** Stop Sells\* upgraded, which is **36%** of target.



## MARAE

There are **22** Marae connected in Auckland.

## TOTAL INVESTED:

Auckland: **\$495m**

\* '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.



# WAIKATO



## UFB AND FIBRE

- There are **61** towns and cities with UFB available.
- **71%** of those with access to UFB have connected.
- There is a total of **122,223** premises connected.
- **79%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Whatawhata	99%
2	Te Kauwhata	99%
3	Pōkeno	99%
4	Horotiu	99%
5	Tuakau	90%



## RURAL CONNECTIVITY

- There are **9,682** rural homes and businesses with improved broadband access which is **94%** of target.
- There are **93** kilometres of mobile coverage on State Highways which is **88%** of target.
- There are **11** tourist sites with mobile coverage which is **85%** of target.
- There have been **46** mobile towers built which is **81%** of target.
- There have been **8,029** rural homes and businesses with broadband capacity upgraded with **2,409** of Stop Sells\* upgraded which is **56%** of target.



## MARAE

There are **93** Marae connected in Waikato.

## TOTAL INVESTED:

Waikato: **\$230m**

\* '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.





# BAY OF PLENTY



## UFB AND FIBRE

- There are **24** towns and cities with UFB available.
- **73%** of those with access to UFB have connected.
- There is a total of **89,938** premises connected.
- **85%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Tauranga	81%
2	Kawerau	71%
3	Ōmokoroa	68%
4	Rotorua	67%
5	Whakatāne	66%



## RURAL CONNECTIVITY

- There are **5,863** rural homes and businesses with improved broadband access which is **95%** of target.
- There are **47** kilometres of mobile coverage on State Highways which is **69%** of target.
- There are **9** tourist sites with mobile coverage which is **100%** of target.
- There have been **22** mobile towers built which is **85%** of target.
- There have been **3,306** rural homes and businesses with broadband capacity upgraded with **1,055** of Stop Sells\* upgraded which is **45%** of target.



## MARAE

There are **123** Marae connected in the Bay of Plenty.

## TOTAL INVESTED:

Bay of Plenty: **\$132m**

\* '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.



# GISBORNE



## UFB AND FIBRE

- There are **5** towns and cities with UFB available.
- **66%** of those with access to UFB have connected.
- There is a total of **10,378** premises connected.
- **76%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Gisborne	67%
2	Manutūkē	64%
3	Ruatōiria	63%
4	Tolaga Bay	56%
5	Te Karaka	49%



## RURAL CONNECTIVITY

- There are **2,267** rural homes and businesses with improved broadband access which is **94%** of target.
- There are **117** kilometres of mobile coverage on State Highways which is **104%\*\*** of target.
- There are **4** tourist sites with mobile coverage which is **100%** of target.
- There have been **17** mobile towers built which is **94%** of target.
- There have been **491** rural homes and businesses with broadband capacity upgraded with **14** of Stop Sells\* upgraded which is **30%** of target.



## MARAE

There are **58** Marae connected in Gisborne.

## TOTAL INVESTED:

Gisborne: **\$27m**

\* '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.

\*\* RCG have over-delivered on their contract meaning they have provided more mobile coverage to State Highways in this region.





# HAWKE'S BAY



## UFB AND FIBRE

- There are **14** towns and cities with UFB available.
- **66%** of those with access to UFB have connected.
- There is a total of **41,229** premises connected.
- **82%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Whirinaki	89%
2	Bay View	81%
3	Waipukurau	74%
4	Havelock North	71%
5	Napier	70%



## RURAL CONNECTIVITY

- There are **3,939** rural homes and businesses with improved broadband access which is **94%** of target.
- There are **87** kilometres of mobile coverage on State Highways which is **84%** of target.
- There are **6** tourist sites with mobile coverage which is **67%** of target.
- There have been **37** mobile towers built which is **88%** of target.
- There have been **969** rural homes and businesses with broadband capacity upgraded with **293** of Stop Sells\* upgraded which is **43%** of target.



## MARAE

There are **58** Marae connected in Hawke's Bay.

## TOTAL INVESTED:

Hawke's Bay: **\$80m**

\* '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.



# TARANAKI



## UFB AND FIBRE

- There are **17** towns and cities with UFB available.
- **71%** of those with access to UFB have connected.
- There is a total of **31,400** premises connected.
- **78%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Lepperton	86%
2	New Plymouth	74%
3	Hāwera	72%
4	Inglewood	64%
5	Stratford	63%



## RURAL CONNECTIVITY

- There are **2,523** rural homes and businesses with improved broadband access which is **104%** of target.
- There are **67** kilometres of mobile coverage on State Highways which is **87%** of target.
- There are **3** tourist sites with mobile coverage which is **100%** of target.
- There have been **16** mobile towers built which is **94%** of target.
- There have been **1,476** rural homes and businesses with broadband capacity upgraded with **298** of Stop Sells\* upgraded which is **42%** of target.



## MARAE

There are **29** Marae connected in Taranaki.

## TOTAL INVESTED:

Taranaki: **\$48m**

\* '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.





# MANAWATŪ-WHANGANUI



## UFB AND FIBRE

- There are **36** towns and cities with UFB available.
- **63%** of those with access to UFB have connected.
- There is a total of **60,919** premises connected.
- **80%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Longburn	87%
2	Feilding	73%
3	Palmerston North	72%
4	Summerhill	72%
5	Levin	69%



## RURAL CONNECTIVITY

- There are **11,022** rural homes and businesses with improved broadband access which is **98%** of target.
- There are **64** kilometres of mobile coverage on State Highways which is **74%** of target.
- There are **3** tourist sites with mobile coverage which is **50%** of target.
- There have been **32** mobile towers built which is **82%** of target.
- There have been **1,135** rural homes and businesses with broadband capacity upgraded with **350** of Stop Sells\* upgraded which is **32%** of target.



## MARAE

There are **63** Marae connected in Manawatū-Whanganui.

## TOTAL INVESTED:

Manawatu-Whanganui: **\$132m**

\* '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.



# WELLINGTON



## UFB AND FIBRE

- There are **16** towns and cities with UFB available.
- **68%** of those with access to UFB have connected.
- There is a total of **152,538** premises connected.
- **95%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Carterton	76%
2	Otaihanga	75%
3	Waikanae	72%
4	Lower Hutt	71%
5	Peka Peka	71%



## RURAL CONNECTIVITY

- There are **3,484** rural homes and businesses with improved broadband access which is **90%** of target.
- There are **2** tourist sites with mobile coverage which is **40%** of target.
- There have been **19** mobile towers built which is **91%** of target.
- There have been **482** rural homes and businesses with broadband capacity upgraded with **201** of Stop Sells\* upgraded which is **23%** of target.



## MARAE

There are **22** Marae connected in Wellington.

## TOTAL INVESTED:

Wellington: **\$199m**

\* '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.





# TOP OF THE SOUTH



## UFB AND FIBRE

- There are **22** towns and cities with UFB available.
- **71%** of those with access to UFB have connected.
- There is a total of **39,664** premises connected.
- **78%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Ruby Bay	81%
2	Nelson	81%
3	Brightwater	69%
4	Blenheim	66%
5	Motueka	66%



## RURAL CONNECTIVITY

- There are **4,201** rural homes and businesses with improved broadband access which is **83%** of target.
- There are **136** kilometres of mobile coverage on State Highways which is **100%** of target.
- There are **10** tourist sites with mobile coverage which is **67%** of target.
- There have been **36** mobile towers built which is **80%** of target.
- There have been **475** rural homes and businesses with broadband capacity upgraded with **121** of Stop Sells\* upgraded which is **13%** of target.



## MARAE

There are **7** Marae connected in Top of the South.

## TOTAL INVESTED:

Top of the South: **\$82m**

\* '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.



# WEST COAST



## UFB AND FIBRE

- There are **26** towns and cities with UFB available.
- **56%** of those with access to UFB have connected.
- There is a total of **7,205** premises connected.
- **204** kilometres of Fibre Link Backhaul built and is complete.
- **68%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Hokitika	74%
2	Taylorville	67%
3	Kaniere	66%
4	Runanga	64%
5	Greymouth	63%



## RURAL CONNECTIVITY

- There are **2,534** rural homes and businesses with improved broadband access which is **89%** of target.
- There are **215** kilometres of mobile coverage on State Highways which is **83%** of target.
- There are **25** tourist sites with mobile coverage which is **86%** of target.
- There have been **43** mobile towers built which is **86%** of target.
- There have been **61** rural homes and businesses with broadband capacity upgraded with **28** of Stop Sells\* upgraded which is **6%** of target.



## MARAE

There are **5** Marae connected in West Coast.

## TOTAL INVESTED:

West Coast: **\$65m**

\* '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.





# CANTERBURY



## UFB AND FIBRE

- There are **58** towns and cities with UFB available.
- **72%** of those with access to UFB have connected.
- There is a total of **181,475** premises connected.
- **86%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	West Melton	92%
2	Waiau	92%
3	Rolleston	84%
4	Leeston	80%
5	Lincoln	79%



## RURAL CONNECTIVITY

- There are **9,659** rural homes and businesses with improved broadband access which is **99%** of target.
- There are **112** kilometres of mobile coverage on State Highways which is **81%** of target.
- There are **15** tourist sites with mobile coverage which is **54%** of target.
- There have been **51** mobile towers built which is **85%** of target.
- There have been **6,876** rural homes and businesses with broadband capacity upgraded with **1,872** of Stop Sells\* upgraded which is **60%** of target.



## MARAE

There are **14** Marae connected in Canterbury.

## TOTAL INVESTED:

Canterbury: **\$281m**

\* '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.



# OTAGO



## UFB AND FIBRE

- There are **43** towns and cities with UFB available.
- **68%** of those with access to UFB have connected.
- There is a total of **68,724** premises connected.
- **43** kilometres of Fibre Link Backhaul built and is complete.
- **86%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Cromwell	84%
2	Mosgiel	84%
3	Lake Hāwea	79%
4	Wānaka	78%
5	Dunedin	76%



## RURAL CONNECTIVITY

- There are **4,815** rural homes and businesses with improved broadband access which is **97%** of target.
- There are **153** kilometres of mobile coverage on State Highways which is **104%\*\*** of target.
- There are **10** tourist sites with mobile coverage which is **71%** of target.
- There have been **28** mobile towers built which is **90%** of target.
- There have been **2,286** rural homes and businesses with broadband capacity upgraded with **477** of Stop Sells\* upgraded which is **41%** of target.



## MARAE

There are **2** Marae connected in Otago.

## TOTAL INVESTED:

Otago: **\$137m**

\* '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.

\*\* RCG have over-delivered on their contract meaning they have provided more mobile coverage to State Highways in this region.





# SOUTHLAND



## UFB AND FIBRE

- There are **19** towns and cities with UFB available.
- **65%** of those with access to UFB have connected.
- There is a total of **24,226** premises connected.
- **149** kilometres of Fibre Link Backhaul built and is complete.
- **72%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Ōtātara	82%
2	Invercargill	77%
3	Winton	59%
4	Mossburn	47%
5	Te Anau	44%



## RURAL CONNECTIVITY

- There are **5,769** rural homes and businesses with improved broadband access which is **99%** of target.
- There are **44** kilometres of mobile coverage on State Highways which is **107%\*\*** of target.
- There are **13** tourist sites with mobile coverage which is **81%** of target.
- There have been **31** mobile towers built which is **78%** of target.
- There have been **381** rural homes and businesses with broadband capacity upgraded with **293** of Stop Sells\* upgraded which is **22%** of target.



## MARAE

There are **5** Marae connected in Southland.

## TOTAL INVESTED:

Southland: **\$80m**

\* '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.

\*\* RCG have over-delivered on their contract meaning they have provided more mobile coverage to State Highways in this region.