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Te Kāwanatanga o Aotearoa

# QUARTERLY CONNECTIVITY UPDATE

**Q1: to 31 MARCH 2023**





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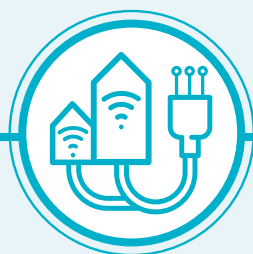
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# Q1 HIGHLIGHTS

JANUARY - MARCH 2023



**17,558**

UFB CONNECTIONS



**72%**

UFB UPTAKE



**36km**

FIBRE LINKS KM  
COMPLETE



**3**

NEW TOURISM  
SITES COVERED



**43%**

UPTAKE ON  
RCG TOWERS



**5**

NEW MOBILE  
TOWERS  
COMPLETE



**353**

RURAL HOMES &  
BUSINESSES WITH  
ACCESS TO IMPROVED  
BROADBAND



**18km**

STATE HIGHWAY  
COVERED



**4**

MARAE  
CONNECTED  
THIS QUARTER



**5**

MARAE WITH  
HARDWARE  
INSTALLED THIS QUARTER



**4,915**

RURAL HOMES  
AND BUSINESSES  
WITH BROADBAND CAPACITY  
UPGRADES THIS QUARTER



**\$11.2m**

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

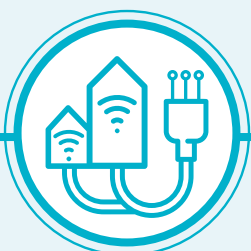
## ULTRA-FAST BROADBAND (UFB) AND FIBRE LINKS



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



**1,834,932 HOMES AND BUSINESSES**  
with UFB available



**1,324,071 HOMES AND BUSINESSES**  
connected to UFB



**UPTAKE 72%**



**390 KM**  
Fibre Links KM  
98% Complete

**UFB WAS COMPLETED IN DECEMBER 2022**

## OUR OVERALL PROGRES



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



**616**  
MARAE  
ARE NOW  
CONNECTED



**INVESTED  
PTD\***

**\$2.1b**

**Total Investment**



**609**  
MARAE WITH  
HARDWARE  
INSTALLED

## RURAL CONNECTIVITY PROGRESS



**78,708 RURAL HOMES AND BUSINESSES**  
can access improved  
broadband  
93% complete



**117 TOURISM SITES**  
have mobile  
coverage  
70% complete



**1,228 KM OF STATE HIGHWAY**  
have mobile  
coverage  
87% complete



**43%**  
Uptake on RCG  
towers



**427 MOBILE TOWERS**  
are live  
81% complete



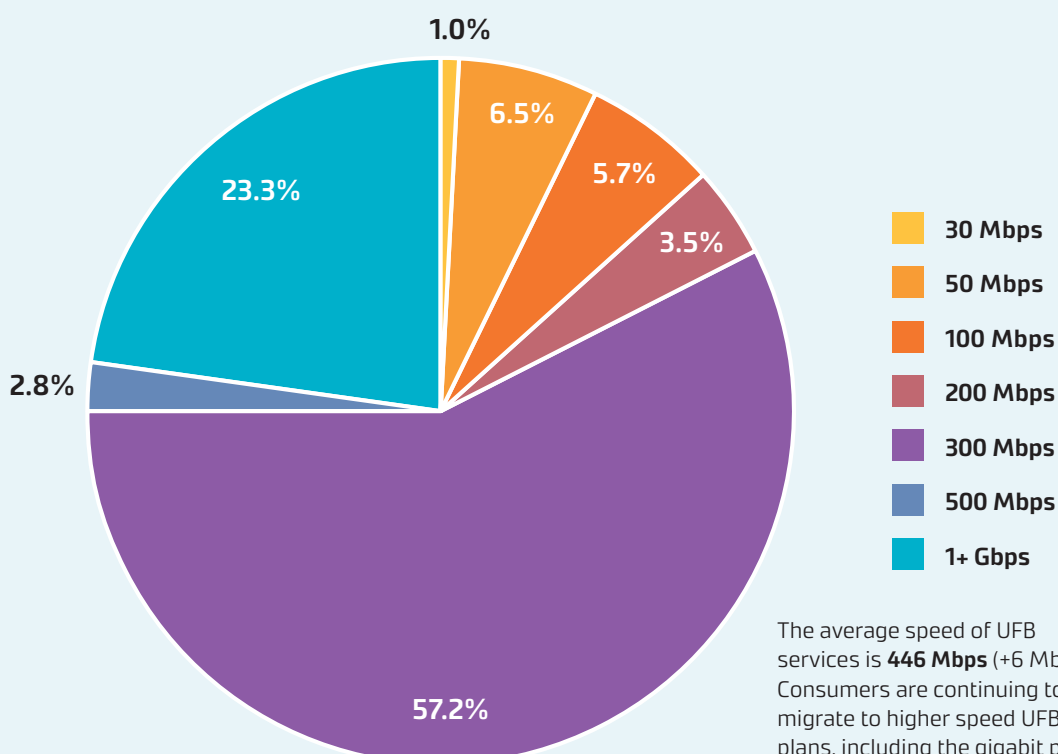
**24,793 HOMES AND BUSINESSES**  
with Broadband  
capacity upgrades  
35% complete

# 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	95%	0
7	West Melton	92%	0
8	Waiau	92%	0
9	Whirinaki	89%	0
10	Longburn	87%	0

## UFB PRODUCT MIX



## GIGABIT CONNECTIONS

**304,830**

Gigabit connections - end of quarter

**9,144**

Additional connections this quarter

# UPDATE BY REGION





# NORTHLAND



## UFB AND FIBRE

- There are **40** towns and cities with UFB available.
- **63%** of those with access to UFB have connected.
- There is a total of **32,661** premises connected.
- **59%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Waipū	85%
2	Mangawhai	79%
3	Hikurangi	78%
4	Maungakaramaea	78%
5	One Tree Point	76%



## RURAL CONNECTIVITY

- There are **8,975** rural homes and businesses with improved broadband access which is **98%** 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 **48** mobile towers built which is **89%** of target.
- There have been **2,861** rural homes and businesses with broadband capacity upgraded with **640** of Stop Sells\* upgraded which is **44%** of target.



## MARAE

There are **118** Marae connected in Northland.

## TOTAL INVESTED:

Northland: **\$104m**

\* '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.



# AUCKLAND



## UFB AND FIBRE

- There are **31** towns and cities with UFB available.
- **81%** of those with access to UFB have connected.
- There is a total of **474,975** premises connected.
- **95%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Kawakawa Bay	99%
2	Waimauku	95%
3	Waiwera	84%
4	Auckland	82%
5	Waiuku	81%



## RURAL CONNECTIVITY

- There are **5,624** rural homes and businesses with improved broadband access which is **92%** of target.
- There are **16** kilometres of mobile coverage on State Highways which is **102%** of target.
- There have been **22** mobile towers built which is **79%** of target.
- There have been **1,811** rural homes and businesses with broadband capacity upgrades, **436** Stop Sells\* upgraded, which is **33%** of target.



## MARAE

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

## TOTAL INVESTED:

Auckland: **\$494m**

\* '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 **120,107** 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	87%



## RURAL CONNECTIVITY

- There are **9,463** rural homes and businesses with improved broadband access which is **92%** 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 **6,425** rural homes and businesses with broadband capacity upgraded with **2,089** of Stop Sells\* upgraded which is **45%** of target.



## MARAE

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

## TOTAL INVESTED:

Waikato: **\$229m**

\* '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.
- **72%** of those with access to UFB have connected.
- There is a total of **88,934** premises connected.
- **85%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Tauranga	81%
2	Kawerau	71%
3	Rotorua	67%
4	Ōmokoroa	67%
5	Whakatāne	65%



## RURAL CONNECTIVITY

- There are **5,753** rural homes and businesses with improved broadband access which is **94%** of target.
- There are **46** kilometres of mobile coverage on State Highways which is **68%** 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 **3,153** rural homes and businesses with broadband capacity upgraded with **1,049** of Stop Sells\* upgraded which is **43%** of target.



## MARAE

There are **122** 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 **10,300** premises connected.
- **76%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Gisborne	66%
2	Manutūkē	63%
3	Ruatōiria	62%
4	Tolaga Bay	55%
5	Te Karaka	45%



## RURAL CONNECTIVITY

- There are **2,231** rural homes and businesses with improved broadband access which is **93%** of target.
- There are **114** kilometres of mobile coverage on State Highways which is **102%** of target.
- There are **3** tourist sites with mobile coverage which is **75%** of target.
- There have been **12** mobile towers built which is **67%** of target.
- There have been **11** rural homes and businesses with broadband capacity upgraded with **3** of Stop Sells\* upgraded which is **1%** of target.



## MARAE

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

## TOTAL INVESTED:

Gisborne: **\$24m**

\* '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.



## 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 **40,856** premises connected.
- **82%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Whirinaki	89%
2	Bay View	81%
3	Waipukurau	72%
4	Havelock North	71%
5	Napier	70%



## RURAL CONNECTIVITY

- There are **3,817** rural homes and businesses with improved broadband access which is **91%** of target.
- There are **86** 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 **57** Marae connected in Hawke's Bay.

## TOTAL INVESTED:

Hawke's Bay: **\$79m**

\* '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 **31,305** 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	63%
5	Stratford	62%



## RURAL CONNECTIVITY

- There are **2,514** 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 **86%** 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 **1,252** rural homes and businesses with broadband capacity upgraded with **287** of Stop Sells\* upgraded which is **36%** 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 **60,002** premises connected.
- **80%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Longburn	87%
2	Feilding	72%
3	Palmerston North	72%
4	Levin	72%
5	Summerhill	71%



## RURAL CONNECTIVITY

- There are **10,882** rural homes and businesses with improved broadband access which is **97%** of target.
- There are **63** kilometres of mobile coverage on State Highways which is **73%** 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 **951** rural homes and businesses with broadband capacity upgraded with **350** of Stop Sells\* upgraded which is **27%** of target.



## MARAE

There are **62** Marae connected in Manawatū-Whanganui.

## TOTAL INVESTED:

Manawatu-Whanganui: **\$131m**

\* '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.
- **67%** of those with access to UFB have connected.
- There is a total of **150,042** premises connected.
- **95%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Carterton	75%
2	Otaihanga	74%
3	Lower Hutt	71%
4	Ōtaki	69%
5	Masterton	69%



## RURAL CONNECTIVITY

- There are **3,424** rural homes and businesses with improved broadband access which is **88%** 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.
- **70%** of those with access to UFB have connected.
- There is a total of **38,965** premises connected.
- **78%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Ruby Bay	81%
2	Nelson	80%
3	Brightwater	66%
4	Blenheim	65%
5	Motueka	65%



## RURAL CONNECTIVITY

- There are **3,812** rural homes and businesses with improved broadband access which is **76%** of target.
- There are **138** kilometres of mobile coverage on State Highways which is **101%** of target.
- There are **10** tourist sites with mobile coverage which is **67%** of target.
- There have been **34** mobile towers built which is **76%** of target.
- There have been **457** 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: **\$81m**

\* '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.
- **54%** of those with access to UFB have connected.
- There is a total of **7,027** premises connected.
- **205** kilometres of Fibre Link Backhaul built and is complete.
- **68%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Hokitika	73%
2	Kaniere	65%
3	Taylorville	63%
4	Greymouth	63%
5	Runanga	63%



## RURAL CONNECTIVITY

- There are **2,465** rural homes and businesses with improved broadband access which is **86%** of target.
- There are **194** kilometres of mobile coverage on State Highways which is **75%** of target.
- There are **23** tourist sites with mobile coverage which is **79%** of target.
- There have been **36** mobile towers built which is **72%** of target.
- There have been **7** rural homes and businesses with broadband capacity upgraded which is **1%** of target.



## MARAE

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

## TOTAL INVESTED:

West Coast: **\$63m**



# CANTERBURY



## UFB AND FIBRE

- There are **58** towns and cities with UFB available.
- **71%** of those with access to UFB have connected.
- There is a total of **178,033** 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	Lincoln	79%
5	Woodend	77%



## RURAL CONNECTIVITY

- There are **9,613** rural homes and businesses with improved broadband access which is **99%** of target.
- There are **97** kilometres of mobile coverage on State Highways which is **70%** of target.
- There are **14** tourist sites with mobile coverage which is **50%** of target.
- There have been **47** mobile towers built which is **78%** of target.
- There have been **5,338** rural homes and businesses with broadband capacity upgraded with **1,708** of Stop Sells\* upgraded which is **47%** of target.



## MARAE

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

## TOTAL INVESTED:

Canterbury: **\$272m**

\* '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.
- **66%** of those with access to UFB have connected.
- There is a total of **66,989** premises connected.
- **43** kilometres of Fibre Link Backhaul built.
- **86%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Mosgiel	82%
2	Cromwell	82%
3	Wānaka	76%
4	Lake Hāwea	75%
5	Dunedin	75%



## RURAL CONNECTIVITY

- There are **4,734** rural homes and businesses with improved broadband access which is **95%** of target.
- There are **152** kilometres of mobile coverage on State Highways which is **104%** of target.
- There are **9** tourist sites with mobile coverage which is **64%** of target.
- There have been **27** mobile towers built which is **87%** of target.
- There have been **706** rural homes and businesses with broadband capacity upgraded with **230** of Stop Sells\* upgraded which is **13%** of target.



## MARAE

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

## TOTAL INVESTED:

Otago: **\$136m**

\* '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.



# SOUTHLAND



## UFB AND FIBRE

- There are **19** towns and cities with UFB available.
- **64%** of those with access to UFB have connected.
- There is a total of **23,876** premises connected.
- **106** kilometres of Fibre Link Backhaul built.
- **72%** of population in the region has access to UFB.

RANK	TOWN	UPTAKE
1	Ōtātara	81%
2	Invercargill	76%
3	Winton	57%
4	Mossburn	47%
5	Te Anau	44%



## RURAL CONNECTIVITY

- There are **5,401** rural homes and businesses with improved broadband access which is **92%** of target.
- There are **38** kilometres of mobile coverage on State Highways which is **93%** of target.
- There are **12** tourist sites with mobile coverage which is **75%** of target.
- There have been **29** mobile towers built which is **73%** of target.
- There have been **370** 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: **\$74m**

\* '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.