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Te Kāwanatanga o Aotearoa



**CROWN
INFRASTRUCTURE**

PARTNERS | HANGA NGĀTAHI

QUARTERLY CONNECTIVITY UPDATE

Q3: to 30 SEPTEMBER 2023



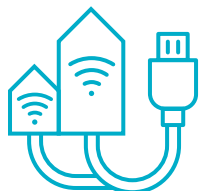


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Q3 HIGHLIGHTS

JULY - SEPTEMBER 2023



14,450

**UFB
CONNECTIONS**



74%

UFB UPTAKE



21

**MARAE
CONNECTED
THIS QUARTER**



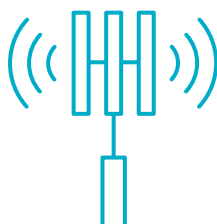
13

**MARAE WITH
HARDWARE
INSTALLED THIS QUARTER**



47%

**UPTAKE ON
RCG TOWERS**



3

**NEW MOBILE
TOWERS
COMPLETE**



104km

**STATE
HIGHWAY
COVERED**



4

**NEW TOURISM
SITES COVERED**



102

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



6,332

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



\$8.6m

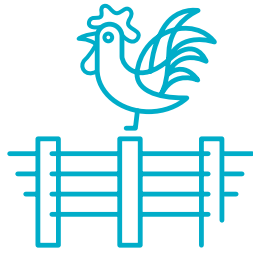
**INVESTMENT
IN DIGITAL
CONNECTIVITY
THIS QUARTER**

OUR TARGETS

RURAL CONNECTIVITY AND MOBILE BLACK SPOT TARGETS



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



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



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

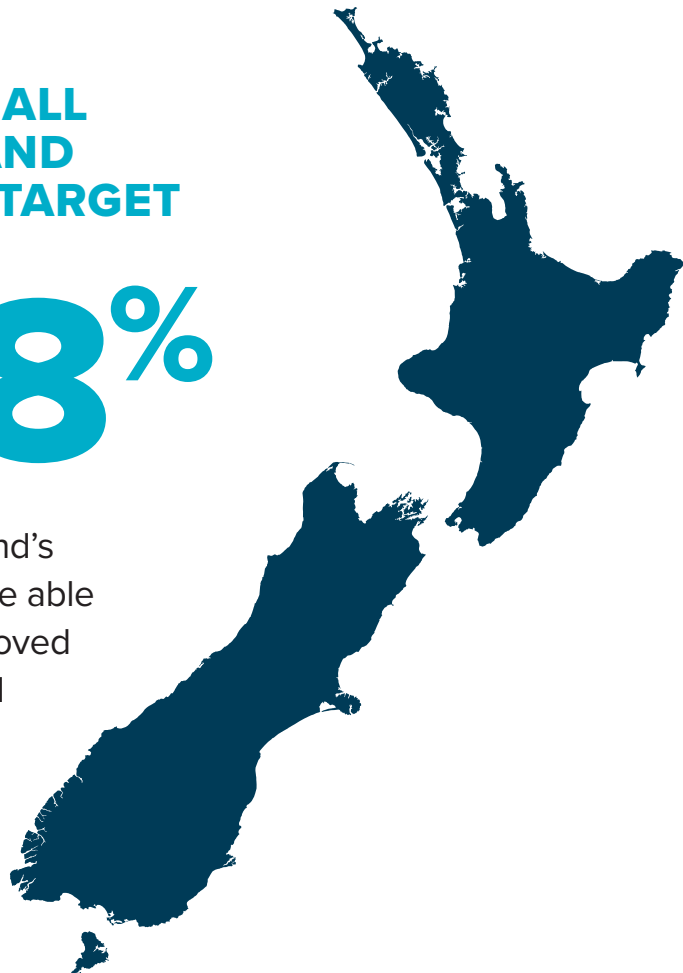


**~70,000 RURAL
HOMES
& BUSINESSES**
with Broadband capacity
upgrades

OUR OVERALL BROADBAND AVAILABILITY TARGET

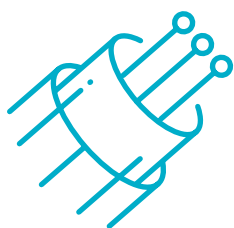
99.8%

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



OVERALL PROGRESS

ULTRA-FAST BROADBAND (UFB)



**1,837,586 HOMES
AND BUSINESSES**

with UFB available



**1,359,574 HOMES
AND BUSINESSES**

connected to UFB



**UPTAKE
74%**

UFB WAS COMPLETED IN DECEMBER 2022

FINANCIAL



**INVESTED
PTD***

\$2.1b

Total Investment

MARAE DIGITAL



645

**MARAE ARE NOW
CONNECTED**



633

**MARAE WITH
HARDWARE
INSTALLED**

RURAL CONNECTIVITY PROGRESS



**81,094 RURAL
HOMES AND
BUSINESSES**

can access improved
broadband
96% complete



**128
TOURISM
SITES**

have mobile
coverage
77% complete



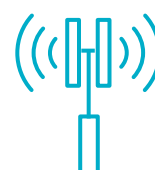
**1,377KM OF
STATE HIGHWAY**

have mobile
coverage
98% complete



47%

Uptake on
RCG towers



**455 MOBILE
TOWERS**

are live
85% complete



**37,487
HOMES AND
BUSINESSES**

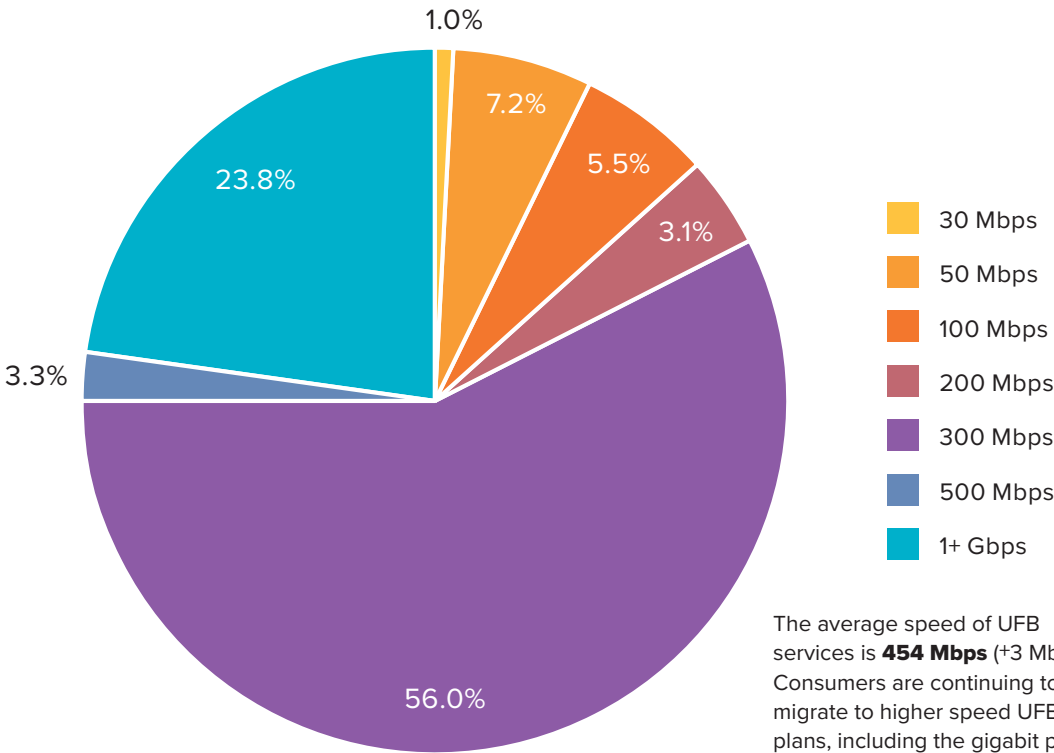
with Broadband
capacity upgrades
53% complete

UFB SNAPSHOTS

TOP 10 CENTRES FOR UFB UPTAKE THIS QUARTER

RANK	TOWN	UPTAKE %
1	Waiau	99%
2	Waiwera	99%
3	Waiomu	99%
4	Whatawhata	99%
5	Horotiu	99%
6	Pōkeno	99%
7	Te Kauwhata	99%
8	Waimauku	99%
9	Kawakawa Bay	99%
10	Pirongia	98%

UFB PRODUCT MIX



GIGABIT CONNECTIONS

321,720

Gigabit connections - end of quarter

6,742

Additional connections this quarter

UPDATE BY REGION





NORTHLAND



RURAL CONNECTIVITY

- Rural homes and businesses: **9,305** (**101%** of target)
- State Highways covered: **127km** (**112%**** of target)
- Tourist sites covered: **12** (**80%** of target)
- Mobile towers built: **50** (**93%** of target)
- Rural capacity upgrades: **3,396** rural homes and businesses (**53%** of target), with **745** Stop Sells* upgraded



MARAE

128 Marae connected.



UFB AND FIBRE

- Towns complete: **40**
- Uptake: **67%**
- Connections: **35,200**
- Population with access: **59%**



REGIONAL INVESTMENT

\$106M

RANK	TOWN	UPTAKE
1	Waipū	87%
2	Maungakaramaea	84%
3	Kerikeri	84%
4	Mangawhai	83%
5	Maungatapere	82%

* '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



RURAL CONNECTIVITY

- Rural homes and businesses: **5,979** (98% of target)
- State Highways covered: **16km** (99% of target)
- Tourist sites covered: **1** (50% of target)
- Mobile towers built: **24** (86% of target)
- Rural capacity upgrades: **2,444** rural homes and businesses (44% of target), with **510** Stop Sells* upgraded



MARAE

22 Marae connected.



UFB AND FIBRE

- Towns complete: **31**
- Uptake: **81%**
- Connections: **478,127**
- Population with access: **95%**

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



REGIONAL INVESTMENT

\$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



RURAL CONNECTIVITY

- Rural homes and businesses: **9,689** (94% of target)
- State Highways covered: **98km** (93% of target)
- Tourist sites covered: **11** (85% of target)
- Mobile towers built: **46** (81% of target)
- Rural capacity upgrades: **8,761** rural homes and businesses (61% of target), with **2,622** Stop Sells* upgraded



MARAE

97 Marae connected.



UFB AND FIBRE

- Towns complete: **61**
- Uptake: **73%**
- Connections: **125,053**
- Population with access: **79%**



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



REGIONAL INVESTMENT

\$232M

* '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



RURAL CONNECTIVITY

- Rural homes and businesses: **5,860** (95% of target)
- State Highways covered: **47km** (69% of target)
- Tourist sites covered: **9** (100% of target)
- Mobile towers built: **22** (85% of target)
- Rural capacity upgrades: **4,202** rural homes and businesses (57% of target), with **1,400** Stop Sells* upgraded



MARAE

129 Marae connected.



UFB AND FIBRE

- Towns complete: **24**
- Uptake: **74%**
- Connections: **92,186**
- Population with access: **85%**

RANK	TOWN	UPTAKE
1	Tauranga	81%
2	Kawerau	74%
3	Rotorua	69%
4	Ōmokoroa	68%
5	Whakatāne	67%



REGIONAL INVESTMENT

\$134M

* '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



RURAL CONNECTIVITY

- Rural homes and businesses: **2,272** (**94%** of target)
- State Highways covered: **134km** (**120%**** of target)
- Tourist sites covered: **4** (**100%** of target)
- Mobile towers built: **17** (**94%** of target)
- Rural capacity upgrades: **504** rural homes and businesses (**31%** of target), with **14** Stop Sells* upgraded



MARAE

60 Marae connected.



UFB AND FIBRE

- Towns complete: **5**
- Uptake: **68%**
- Connections: **10,576**
- Population with access: **76%**

RANK	TOWN	UPTAKE
1	Gisborne	68%
2	Manutūkē	67%
3	Ruatōria	63%
4	Tolaga Bay	56%
5	Te Karaka	49%



REGIONAL INVESTMENT

\$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



RURAL CONNECTIVITY

- Rural homes and businesses: **3,939** (94% of target)
- State Highways covered: **90km** (87% of target)
- Tourist sites covered: **6** (67% of target)
- Mobile towers built: **37** (88% of target)
- Rural capacity upgrades: **1,019** rural homes and businesses (45% of target), with **293** Stop Sells* upgraded



MARAE

59 Marae connected.



UFB AND FIBRE

- Towns complete: **14**
- Uptake: **68%**
- Connections: **42,578**
- Population with access: **82%**



RANK	TOWN	UPTAKE
1	Whirinaki	89%
2	Bay View	82%
3	Waipawa	76%
4	Waipukurau	76%
5	Ōtāne	75%



REGIONAL INVESTMENT

\$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



RURAL CONNECTIVITY

- Rural homes and businesses: **2,523** (**104%** of target)
- State Highways covered: **67km** (**87%** of target)
- Tourist sites covered: **3** (**100%** of target)
- Mobile towers built: **16** (**94%** of target)
- Rural capacity upgrades: **2,358** rural homes and businesses (**67%** of target), with **339** Stop Sells* upgraded



MARAE

32 Marae connected.



UFB AND FIBRE

- Towns complete: **17**
- Uptake: **71%**
- Connections: **31,790**
- Population with access: **78%**

RANK	TOWN	UPTAKE
1	Lepperton	88%
2	New Plymouth	75%
3	Hāwera	73%
4	Stratford	64%
5	Inglewood	64%



REGIONAL INVESTMENT

\$49M

* '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



RURAL CONNECTIVITY

- Rural homes and businesses: **11,011** (**98%** of target)
- State Highways covered: **74km** (**85%** of target)
- Tourist sites covered: **3** (**50%** of target)
- Mobile towers built: **33** (**85%** of target)
- Rural capacity upgrades: **1,877** rural homes and businesses (**53%** of target), with **531** Stop Sells* upgraded



MARAE

63 Marae connected.



UFB AND FIBRE

- Towns complete: **36**
- Uptake: **65%**
- Connections: **62,514**
- Population with access: **80%**

RANK	TOWN	UPTAKE
1	Longburn	89%
2	Summerhill	77%
3	Feilding	74%
4	Palmertson North	73%
5	Ōhau	72%



REGIONAL INVESTMENT

\$133M



* '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



RURAL CONNECTIVITY

- Rural homes and businesses: **3,485** (90% of target)
- Tourist sites covered: **2** (40% of target)
- Mobile towers built: **20** (95% of target)
- Rural capacity upgrades: **624** rural homes and businesses (29% of target), with **241** Stop Sells* upgraded



MARAE

22 Marae connected.



UFB AND FIBRE

- Towns complete: **16**
- Uptake: **69%**
- Connections: **155,355**
- Population with access: **90%**

RANK	TOWN	UPTAKE
1	Carterton	81%
2	Otaihanga	76%
3	Ōtaki	74%
4	Masterton	73%
5	Lower Hutt	73%



REGIONAL INVESTMENT

\$200M

* '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



RURAL CONNECTIVITY

- Rural homes and businesses: **4,201** (83% of target)
- State Highways covered: **136km** (100% of target)
- Tourist sites covered: **11** (73% of target)
- Mobile towers built: **36** (80% of target)
- Rural capacity upgrades: **618** rural homes and businesses (17% of target), with **171** Stop Sells* upgraded



MARAE

7 Marae connected.



UFB AND FIBRE

- Towns complete: **22**
- Uptake: **73%**
- Connections: **40,811**
- Population with access: **78%**



RANK	TOWN	UPTAKE
1	Ruby Bay	87%
2	Nelson	84%
3	Brightwater	74%
4	Blenheim	68%
5	Motueka	66%



REGIONAL INVESTMENT

\$83M

* '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



RURAL CONNECTIVITY

- Rural homes and businesses: **2,538** (89% of target)
- State Highways covered: **271km** (104%** of target)
- Tourist sites covered: **25** (86% of target)
- Mobile towers built: **43** (86% of target)
- Rural capacity upgrades: **117** rural homes and businesses (12% of target), with **28** Stop Sells* upgraded



MARAE

5 Marae connected.



UFB AND FIBRE

- Towns complete: **26**
- Uptake: **58%**
- Connections: **7,459**
- **204** kilometres of Fibre Link Backhaul built and is complete
- Population with access: **68%**

RANK	TOWN	UPTAKE
1	Hokitika	75%
2	Taylorville	72%
3	Kaniere	68%
4	Greymouth	66%
5	Runanga	66%



REGIONAL INVESTMENT

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



RURAL CONNECTIVITY

- Rural homes and businesses: **9,697** (99% of target)
- State Highways covered: **115km** (83% of target)
- Tourist sites covered: **18** (64% of target)
- Mobile towers built: **51** (85% of target)
- Rural capacity upgrades: **7,968** rural homes and businesses (69% of target), with **1933** Stop Sells* upgraded



MARAE

14 Marae connected.



UFB AND FIBRE

- Towns complete: **58**
- Uptake: **73%**
- Connections: **184,147**
- Population with access: **86%**



RANK	TOWN	UPTAKE
1	Waiau	99%
2	West Melton	92%
3	Rollerston	84%
4	Leeston	82%
5	Woodend Beach	80%



REGIONAL INVESTMENT

\$282M

* '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



RURAL CONNECTIVITY

- Rural homes and businesses: **4,826** (97% of target)
- State Highways covered: **159km** (108**% of target)
- Tourist sites covered: **9** (64% of target)
- Mobile towers built: **28** (90% of target)
- Rural capacity upgrades: **2,631** rural homes and businesses (48% of target), with **468** Stop Sells* upgraded



MARAE

2 Marae connected.



UFB AND FIBRE

- Towns complete: **43**
- Uptake: **68%**
- Connections: **69,005**
- **43** kilometres of Fibre Link Backhaul built and is complete
- Population with access: **86%**

RANK	TOWN	UPTAKE
1	Mosgiel	87%
2	Cromwell	84%
3	Lake Hāwea	79%
4	Wānaka	78%
5	Dunedin	75%



REGIONAL INVESTMENT

\$138M

* '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



RURAL CONNECTIVITY

- Rural homes and businesses: **5,769** (99% of target)
- State Highways covered: **44km** (107**% of target)
- Tourist sites covered: **14** (88% of target)
- Mobile towers built: **32** (80% of target)
- Rural capacity upgrades: **968** rural homes and businesses (57% of target), with **546** Stop Sells* upgraded



MARAE

5 Marae connected.



UFB AND FIBRE

- Towns complete: **19**
- Uptake: **67%**
- Connections: **24,773**
- **149** kilometres of Fibre Link Backhaul built and is complete
- Population with access: **72%**



RANK	TOWN	UPTAKE
1	Otatara	83%
2	Invercargill	78%
3	Winton	60%
4	Mossburn	50%
5	Te Anau	48%



REGIONAL INVESTMENT

\$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.