

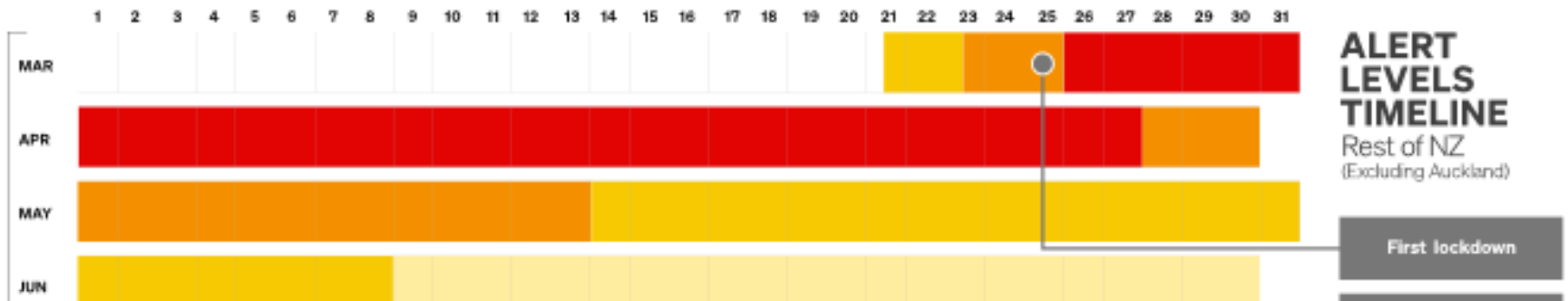
# Innovations in screening to reduce inequalities Northland's Story





# Level 4 Lockdown

## April 2020



# Level 4 Lockdown impacts

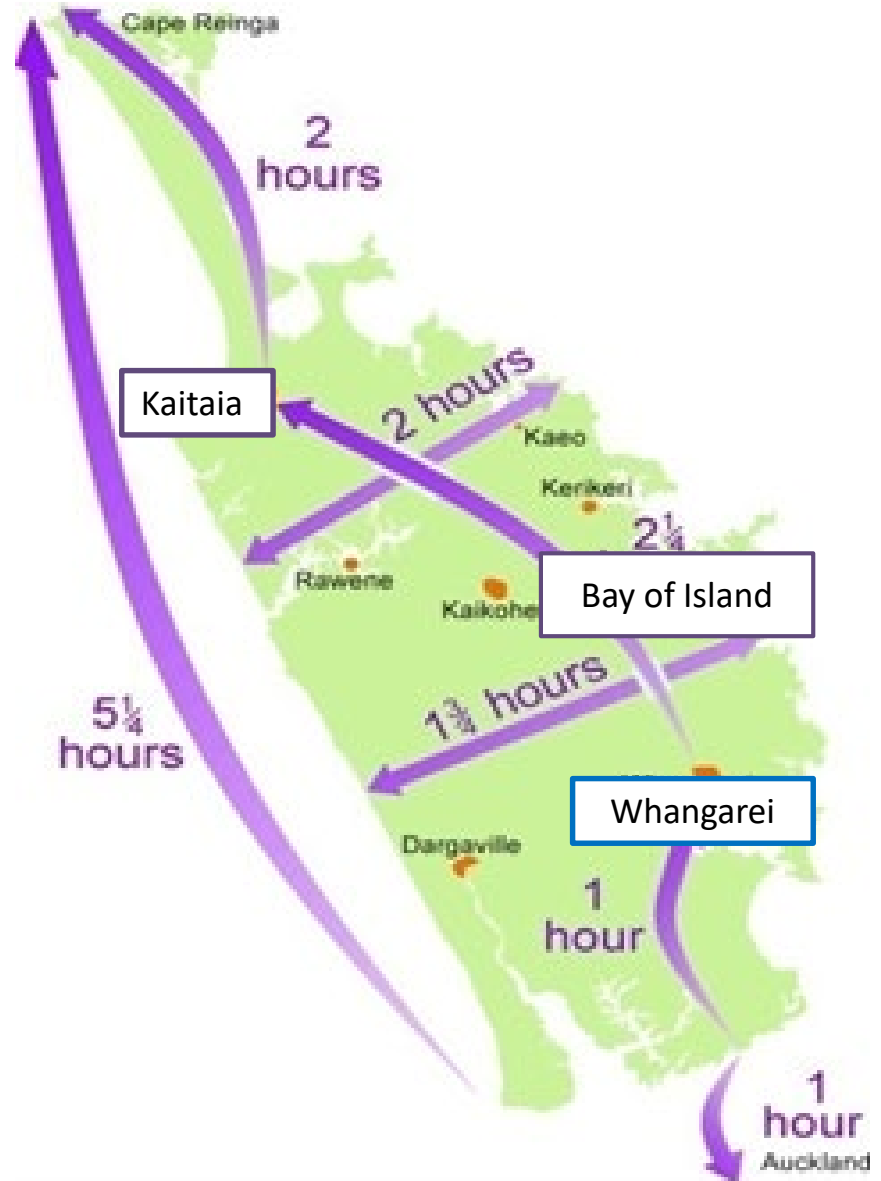
## Factors

Limited Screening inpatient units only

- Kaitaia
- Bay of Islands
- Whangarei & SCBU

Increase in home births

Fear of Covid



# Wider Vision & Hearing Team

## VHT's & MEC's

- VHT staff redeployed to assist at Covid Testing Centres
- MEC Speciality Nurses redeployed to Covid Testing Centres Covid
- Administrators



# Move to Covid Alert Level 3

Review of births and  
unscreened babies

Target

- 1) aABR3 rescreens
- 2) Hospital births that missed screening
- 3) Home births
  
- Development of a Manual of Operations

NORTHLAND DISTRICT HEALTH BOARD

Te Pouri Hauora ā Rohe O Te Tai Tokerau



## Newborn Hearing Covid-19 Screening Manual of Operations

---





# Target Areas of Births

	Feb	Mar	Apr
<b>Whangarei</b>	<b>136</b>	<b>152</b>	<b>125</b>
Kaitaia	15	14	8
BOI	17	12	9
Dargaville	0	0	0
Rawene	3	3	4
Home	18	20	<u>36</u>
Other	4	11	4
<b>Total births</b>	<b>193</b>	<b>212</b>	<b>186</b>

# Introducing Northland's Mobile Ear Clinic Trucks EARS



# Pre Appointment

Phone triage  
booking

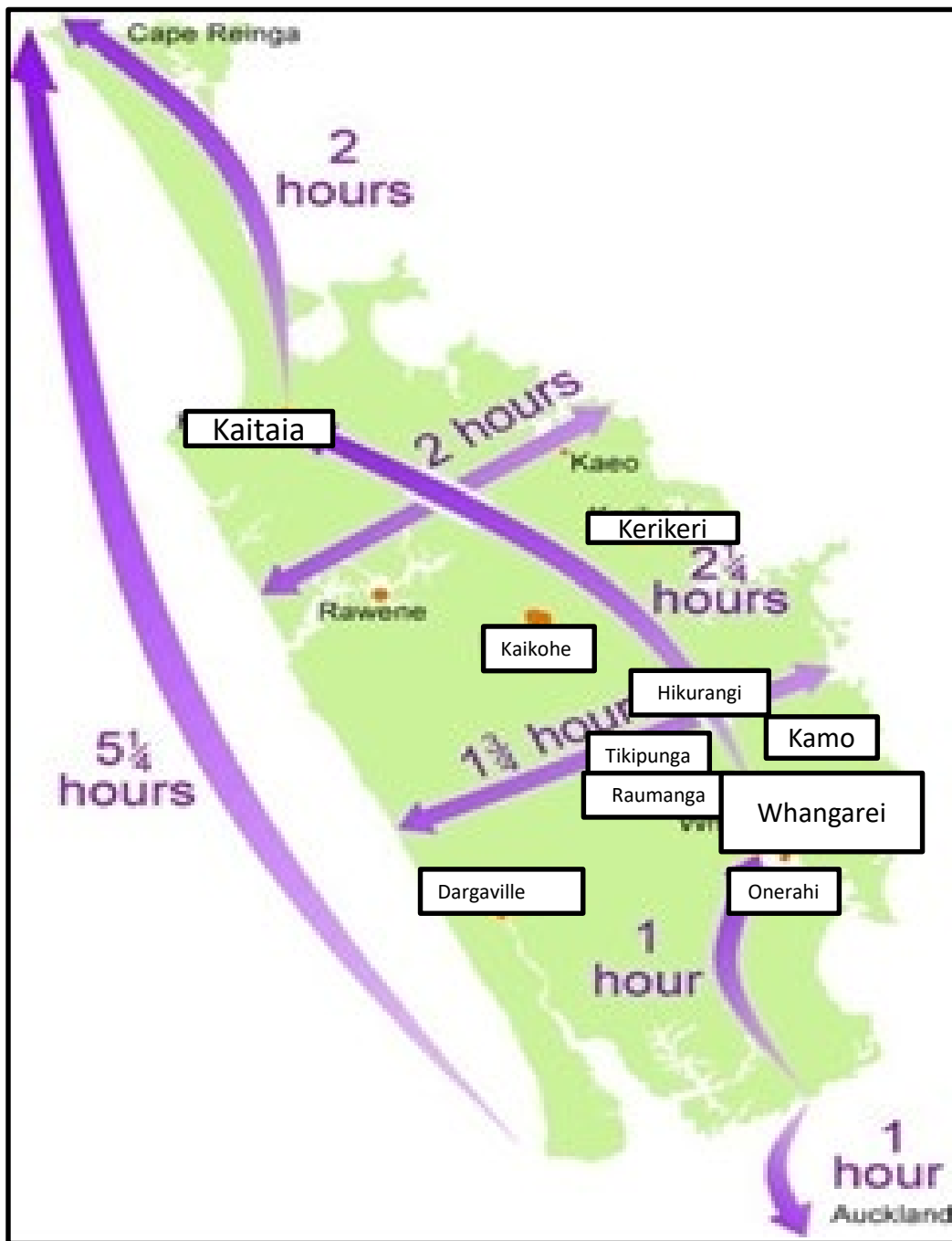
Whole team  
effort





# Mobile Clinic Locations

- Kaitaia
- Kerikeri
- Kaikohe
- Hikurangi
- Kamo
- Tikipunga
- Raumanga
- Whangarei**
- Onerahi
- Dargaville



# Clinic Day Management

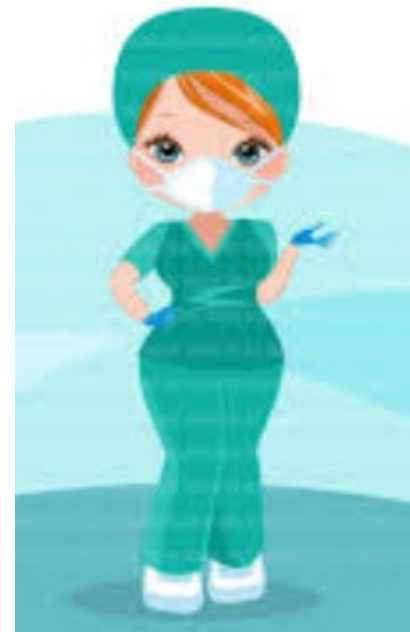
## At Booking and on Clinic Day

- Covid risk assessment
- Precautions in place



## Team Roles

- Greeter
- RN
- Screener





# Outcome

- 1<sup>st</sup> - 15<sup>th</sup> May
- 18 Clinics
- 168 Appointment slots
- 151 Appointments booked

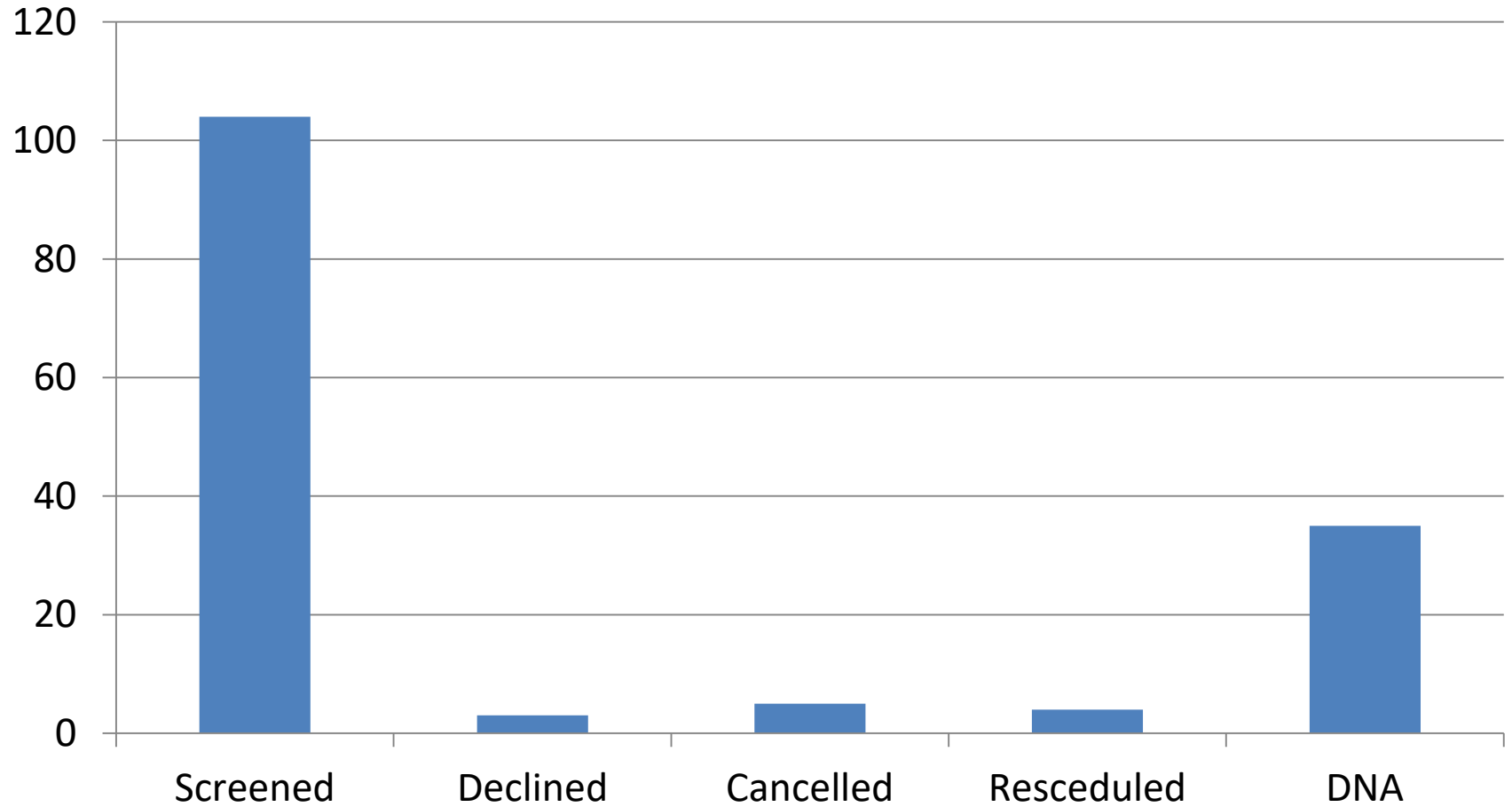
## Venues


## Number of clinics

- |                    |          |
|--------------------|----------|
| • Kaitaia          | 1        |
| • Kerikeri         | 1        |
| • Kaikohe          | 1        |
| • Hikurangi        | 1        |
| • Kamo             | 1        |
| • Tikipunga        | 1        |
| • Raumanga         | 1        |
| • <b>Whangarei</b> | <b>8</b> |
| • Onerahi          | 2        |
| • Dargaville       | 1        |



# Operation EARS Outcome





# In patient Screening & Operation EARS Outcome

## Summary

### Outcome

- Pass
- Pass T/F-up
- Referred
- Declined
- DNA
- Incomplete
- Lost Contact
- Missed
- Transferred
- Ref by Paed
- Screened Elsewhere
- Deceased
- **Total**

## Results

	Feb	Mar	Apr
	<b>160</b>	<b>162</b>	<b>161</b>
	1	8	3
	2	4	1
	<b>11</b>	<b>17</b>	<b>10</b>
	<b>8</b>	<b>12</b>	<b>6</b>
	0	0	0
	0	0	0
	<b>4</b>	<b>4</b>	<b>3</b>
	5	4	2
	0	0	0
	2	1	0
	0	0	0
	<b>193</b>	<b>212</b>	<b>186</b>



# Screening Results

Of the 104 babies

- 103 passed

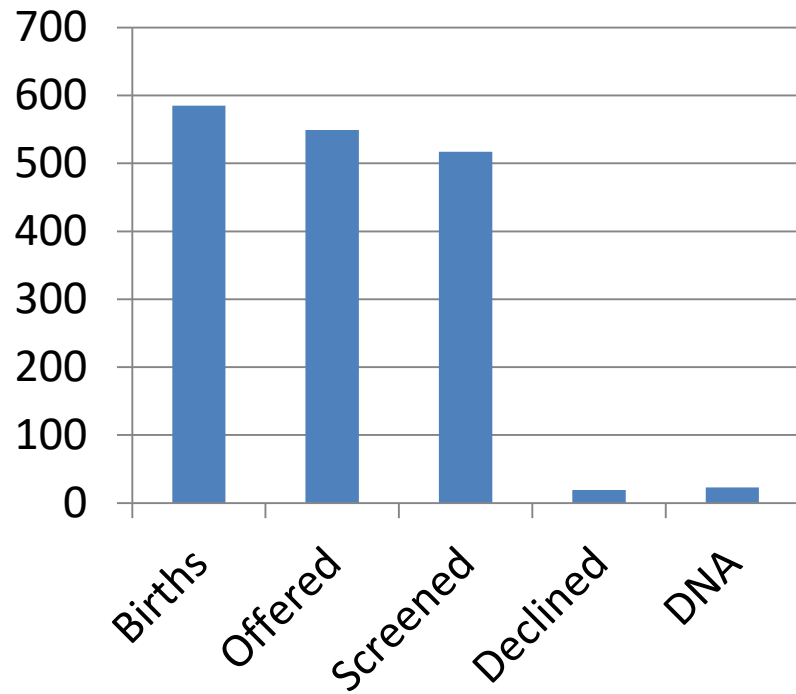
- 1 referral

Right Ear profound sensorineural hearing loss

# Newborn Screening Data 2020 Covid Level 3

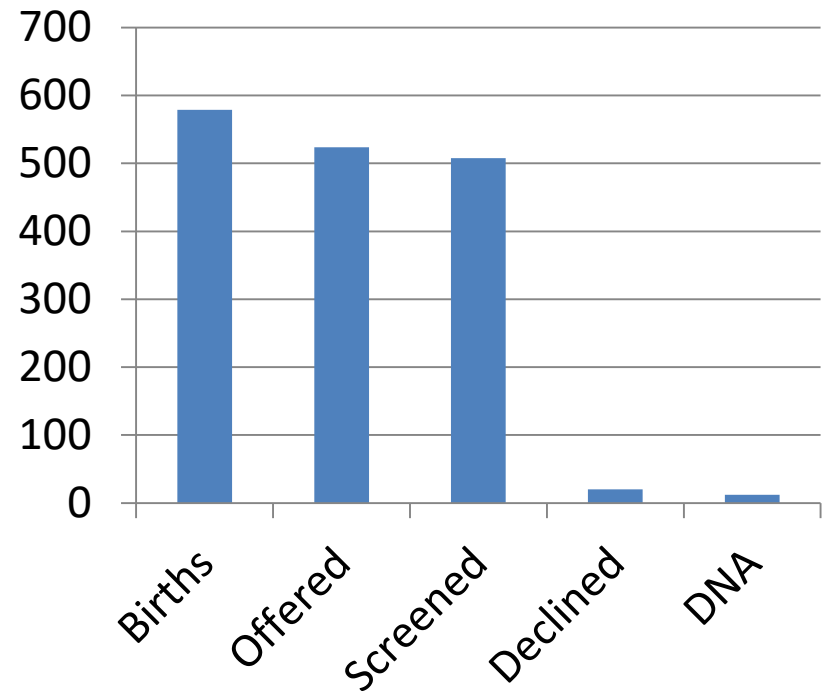
## Jan, Feb & March

### 1st Quarter



## April, May & June

### 2nd Quarter





# Our Learnings

## Changes we have been able to adopt

### Short term

- Value of engagement

### Long term

- Freephone 0800 number
- Change in the way we think and in the way we operate

