



# Comirnaty Vaccination Service

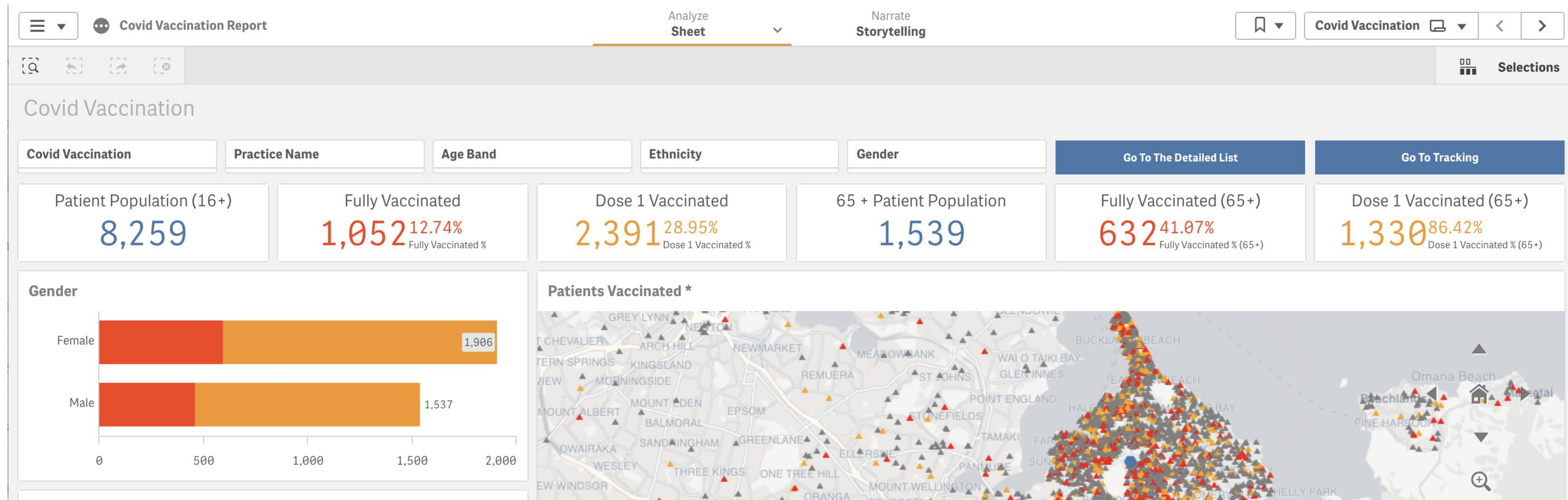
General Practice as part of a locality response

# COVID Vaccine Locality Response

- Two GP clinics
  - Highland Park Medical (also providing vaccines for Marina Medical)
  - Ormiston Medical (also providing vaccines for Botany Junction Medical)
- One 7 days A&M - East Care

# Planning

- How many doses will your practice population require?
- How will you reach different segments of your population? - Maori, Pacific, Frail elderly, etc
  - We targeted our over 80's in the flu vaccine rollout first as less connected to portal email, etc
  - Then “pre-consented” these patients for COVID in advance of knowing our start date
  - “COVID Vaccine Keen” Alert to capture those that have decided but do not yet qualify



# Planning

- Start slow for 3 weeks to
  - ensure you have capacity at week 4 for second doses
  - Refine processes in booking , reception, vaccinating and observation
- How long appointment time with nurse? - We started at 10 mins and now at 5 mins

Dosing and Time to Full Vaccination

| Calendar Days |                  | Target | Number of vials | Cumulative Total Doses | First Dose | Second Dose | Cumulative total of First Dose | Cumulative total of Second Dose | Milestones   | PHO COVID Patient Data 1st Vaccine | Percentage 1st Vaccine done by MHT | PHO COVID Patient Data 2nd Vaccine | Percentage 2nd Vaccine done by MHT | Decliners | Updated Roste 1 or 2 |
|---------------|------------------|--------|-----------------|------------------------|------------|-------------|--------------------------------|---------------------------------|--|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-----------|----------------------|
| Day 50        | Tue, 29 Jun 2021 | 70     | 10              | 2016                   | 38         | 32          | 1307                           | 714                             |  | 2074                               | 63%                                | 909                                | 79%                                |           | ✓                    |
| Day 51        | Wed, 30 Jun 2021 | 105    | 15              | 2121                   | 94         | 11          | 1401                           | 725                             | 35 appts in pm only until 4 (only First as second doses in the other template already-template in but need to make available only until 4 pm |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 52        | Thu, 1 Jul 2021  | 70     | 10              | 2191                   | 25         | 45          | 1426                           | 770                             | Templates checked to here  | 2242                               | 64%                                | 962                                | 80%                                |           | ✓                    |
| Day 53        | Fri, 2 Jul 2021  | 70     | 10              | 2261                   | 29         | 41          | 1455                           | 811                             |  | 2370                               | 61%                                | 1032                               | 79%                                |           | ✓                    |
| Day 54        | Sat, 3 Jul 2021  |        | 0               | 2261                   | 0          | 0           | 1455                           | 811                             |  |                                    |                                    |                                    |                                    |           |                      |
| Day 55        | Sun, 4 Jul 2021  |        | 0               | 2261                   | 0          | 0           | 1455                           | 811                             |  |                                    |                                    |                                    |                                    | 106       |                      |
| Day 56        | Mon, 5 Jul 2021  | 70     | 10              | 2331                   | 37         | 33          | 1492                           | 844                             |  | 2391                               | 62%                                | 1052                               | 80%                                |           | ✓                    |
| Day 57        | Tue, 6 Jul 2021  | 70     | 10              | 2401                   | 26         | 44          | 1518                           | 888                             |  |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 58        | Wed, 7 Jul 2021  | 70     | 10              | 2471                   | -2         | 72          | 1516                           | 960                             | No 2nd clinic  |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 59        | Thu, 8 Jul 2021  | 70     | 10              | 2541                   | 30         | 40          | 1546                           | 1000                            |  |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 60        | Fri, 9 Jul 2021  | 70     | 10              | 2611                   | 33         | 37          | 1579                           | 1037                            | First 1000 patients Fully Immunised  |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 61        | Sat, 10 Jul 2021 |        | 0               | 2611                   | 0          | 0           | 1579                           | 1037                            |  |                                    |                                    |                                    |                                    |           |                      |
| Day 62        | Sun, 11 Jul 2021 |        | 0               | 2611                   | 0          | 0           | 1579                           | 1037                            |  |                                    |                                    |                                    |                                    |           |                      |
| Day 63        | Mon, 12 Jul 2021 | 70     | 10              | 2681                   | 28         | 42          | 1607                           | 1079                            |  |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 64        | Tue, 13 Jul 2021 | 70     | 10              | 2751                   | 41         | 29          | 1648                           | 1108                            |  |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 65        | Wed, 14 Jul 2021 | 70     | 10              | 2821                   | 33         | 37          | 1681                           | 1145                            | No 2nd clinic appts  |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 66        | Thu, 15 Jul 2021 | 70     | 10              | 2891                   | 44         | 26          | 1725                           | 1171                            |  |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 67        | Fri, 16 Jul 2021 | 70     | 10              | 2961                   | 37         | 33          | 1762                           | 1204                            |  |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 68        | Sat, 17 Jul 2021 |        | 0               | 2961                   | 0          | 0           | 1762                           | 1204                            |  |                                    |                                    |                                    |                                    |           |                      |
| Day 69        | Sun, 18 Jul 2021 |        | 0               | 2961                   | 0          | 0           | 1762                           | 1204                            |  |                                    |                                    |                                    |                                    |           |                      |
| Day 70        | Mon, 19 Jul 2021 | 70     | 10              | 3031                   | 20         | 50          | 1782                           | 1254                            |  |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 71        | Tue, 20 Jul 2021 | 70     | 10              | 3101                   | 32         | 38          | 1814                           | 1292                            |  |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 72        | Wed, 21 Jul 2021 | 105    | 15              | 3206                   | 11         | 94          | 1825                           | 1386                            | 35 2nd clinic appts  |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 73        | Thu, 22 Jul 2021 | 70     | 10              | 3276                   | 45         | 25          | 1870                           | 1411                            |  |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 74        | Fri, 23 Jul 2021 | 70     | 10              | 3346                   | 41         | 29          | 1911                           | 1440                            |  |                                    |                                    |                                    |                                    |           | ✓                    |
| Day 75        | Sat, 24 Jul 2021 |        | 0               | 3346                   | 0          | 0           | 1911                           | 1440                            |  |                                    |                                    |                                    |                                    |           |                      |
| Day 76        | Sun, 25 Jul 2021 |        | 0               | 3346                   | 0          | 0           | 1911                           | 1440                            |  |                                    |                                    |                                    |                                    |           |                      |
| Day 77        | Mon, 26 Jul 2021 | 70     | 10              | 3416                   | 33         | 37          | 1944                           | 1477                            | First 2000 patients First Dose   |                                    |                                    |                                    |                                    |           | ✓                    |

# Planning

- To achieve 70 per day for 4 days and one day of 105
  - Appointment Coordinator - 1 FTE (books visit 1 and 2 +/- flu vaccine, likely to reduce once younger target population, online booking etc)
  - Vaccinating Nurse 1.1 FTE
  - Assisting Nurse for drawing up vaccines 0.25 FTE
  - Reception and Observation - 1 FTE

# Planning

- Multiple options in General Practice to connect with patients
  - Bulk Portal or email messages to the priority age groups
  - Targeted Portal, email or phone to patients with eligible medical conditions
  - Phone calls to the elderly, Maori and Pacific
  - Face to face when priority patients at clinic
  - PMS query builds to filter out those that have had vaccine or declined

# Planning

- Training for nurses (4hr) and reception (1.5hr). Are the staff capable of learning another IT system?
- Waiting room space pre appt / observation space / general flow





# Planning

- Need to have control over PMS appointment template as need to be prescriptive so timings are not missed -
  - removing vaccine from fridge to get to room temp,
  - mixing and drawing up time,
- Alter expectations ( nurses and reception busier than usual for us)

# Daily Team Workflow

- Day prior a nurse or HCA whoever is free on duty prepares the 1ml syringes and LDS needles- stores them in a new lab bag in the drug safe
- Day prior Nurse / Reception / HCA or whoever is free on duty writes as much of the generic info on the labels and cards

# Daily Team Workflow

- GM removes required vials from vaccine fridge 0800hr (she's the early bird)
- 0830 Covid Vaccination nurse and a nursing colleague dilutes required Comirnaty Vaccine for morning session (so the administering nurse sees the whole process is correct). Following IMAC guide.
- Same nurses draw up 7 doses from each vial prior to the pre clinic huddle
- Same nurses check vaccine fridges, oxygen, defibrillator, suction, anaphylaxis kit daily due to the volume of vaccinations
- Covid Vaccination team Huddle 0850hr
- 2nd Nurse continues drawing up Comirnaty vaccination
- All are labelled and stored covered within a paper bag with the 6 hr expiry

# Patient flow

- Patient arrives see the designated Covid Vaccination receptionist to be screened and arrived
- Sees vaccination nurse who uses CIR but has PMS on screen to check any clinical details
- Patient is Vaccinated
- Returns to the designated Covid vaccination receptionist for observation
- Same receptionist confirms booking for 2nd vaccine and / or books flu vaccine

# Minor Challenges

Or learning opportunities

- It's busier than usual for admin & nurses for a longer period (a new normal)
- Waiting room more congested
- Highlights nursing skills - eyesight, focus etc
- Highlights the abilities of staff adapting to change

# Take home

It needs to be sustainable it will be a long journey.

- This is an admin and nurse led project - GP involvement is minimal
- Plan well
- Communicate well to your team
- Actively support your team
- Reward your team for the extra workload and rising to the challenge
- Your patients really appreciate that you are offering this service.

