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2023 Symposium

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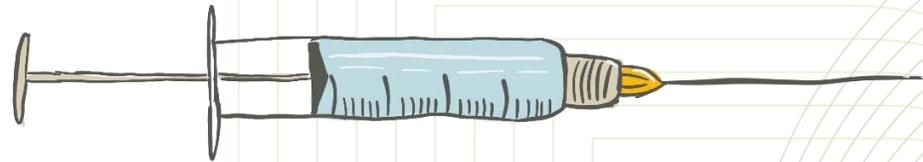
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Improving Immunisation Coverage with Keeping the Body in Mind – Vaccines (KBIM-V):

A co-designed vaccination service for mental health consumers



Patrick Gould (RN)

Project Lead: KBIM V
HETI Research Fellow:
InforMH NSW Ministry of Health

Jeanine Tambimuttu (RN)

Clinical Nurse Specialist – KBIM-V

What is a vaccine preventable disease?

- Refers to any disease that can be prevented by vaccination
 - Cholera
 - Diphtheria
 - **Hepatitis A**
 - **Hepatitis B**
 - **Haemophilus Influenzae Type B**
 - **Human Papillomavirus (Wart Virus)**
 - **Influenza**
 - Japanese Encephalitis
 - **Measles**
 - Meningococcal
 - **Mumps**
 - Pertussis
 - **Pneumococcal**
 - Q Fever
 - Rabies
 - Lyssavirus
 - Rotavirus
 - **Rubella**
 - Tetanus
 - Tuberculosis
 - Typhoid Fever
 - Chickenpox
 - **Herpes Zoster**
 - **COVID-19**

* Coloured red are the vaccines the clinic is administering



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A Global Call to Action

Fair and equitable access to vaccination for people living with mental illness and substance use disorders

All Vaccine Preventable Conditions

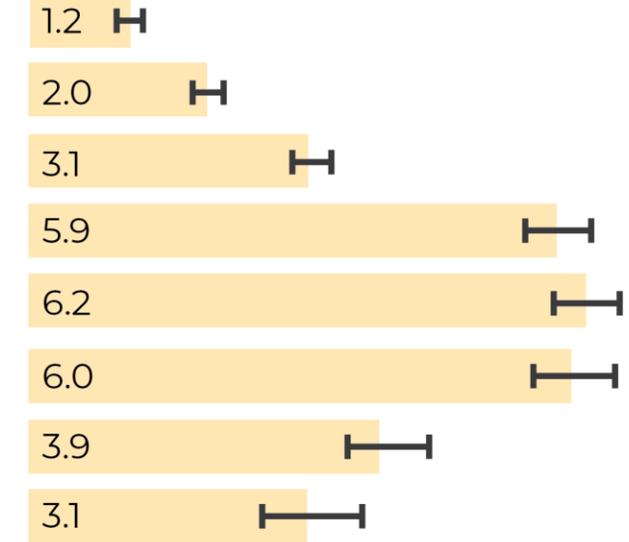
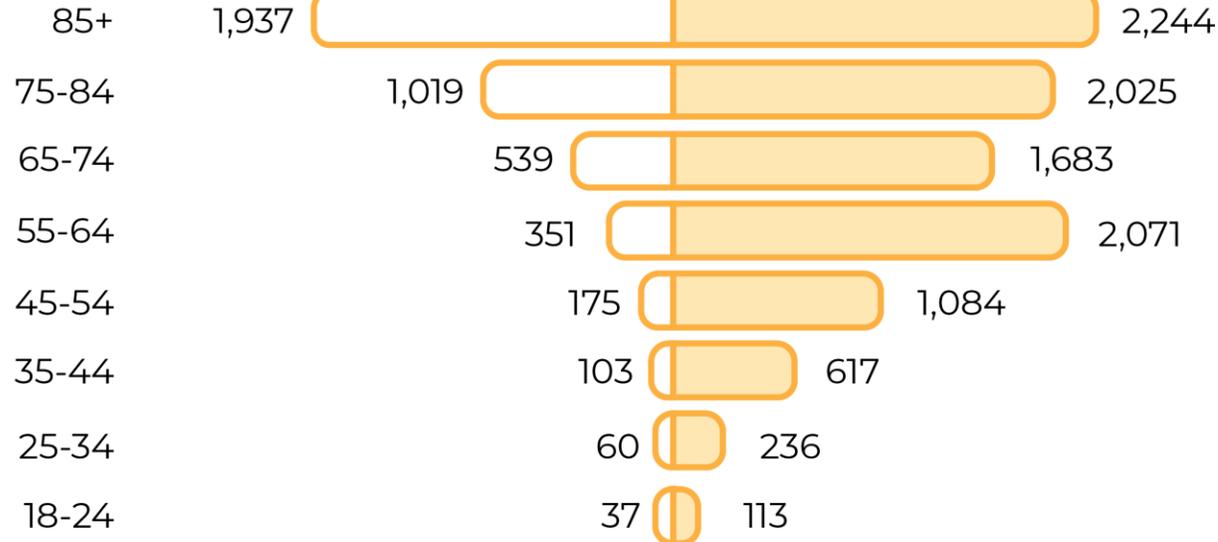
Age Group

VPH Rate (Hospitalisations per 100k person years)

Relative Risk (aIRR)

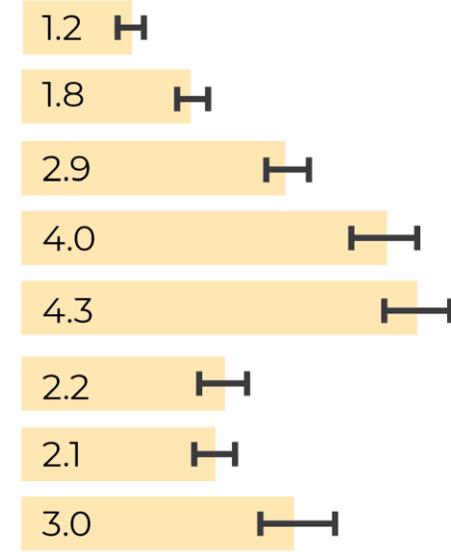
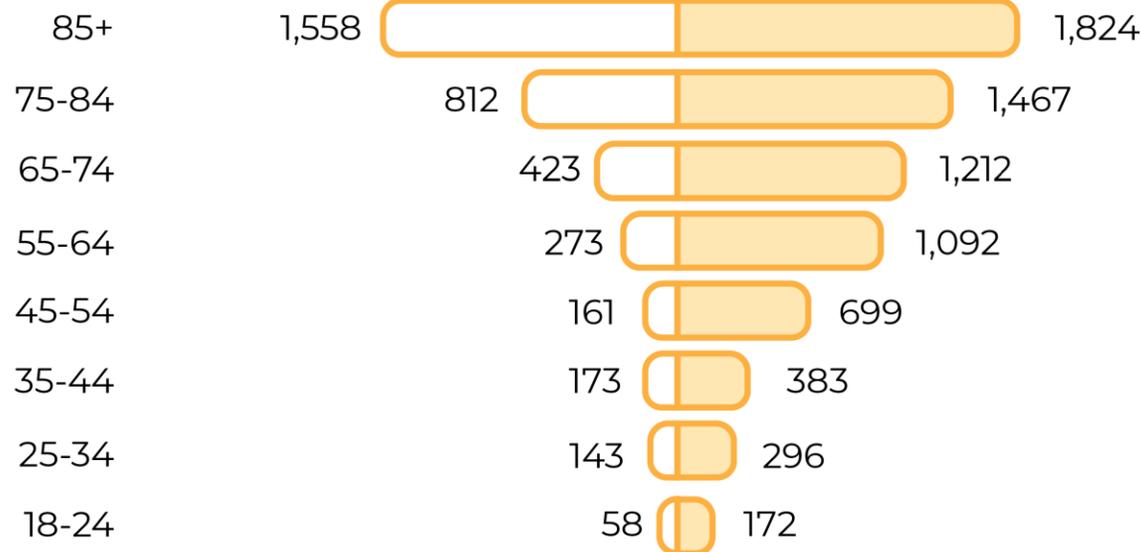
Rest of NSW **Males** MH Service Users

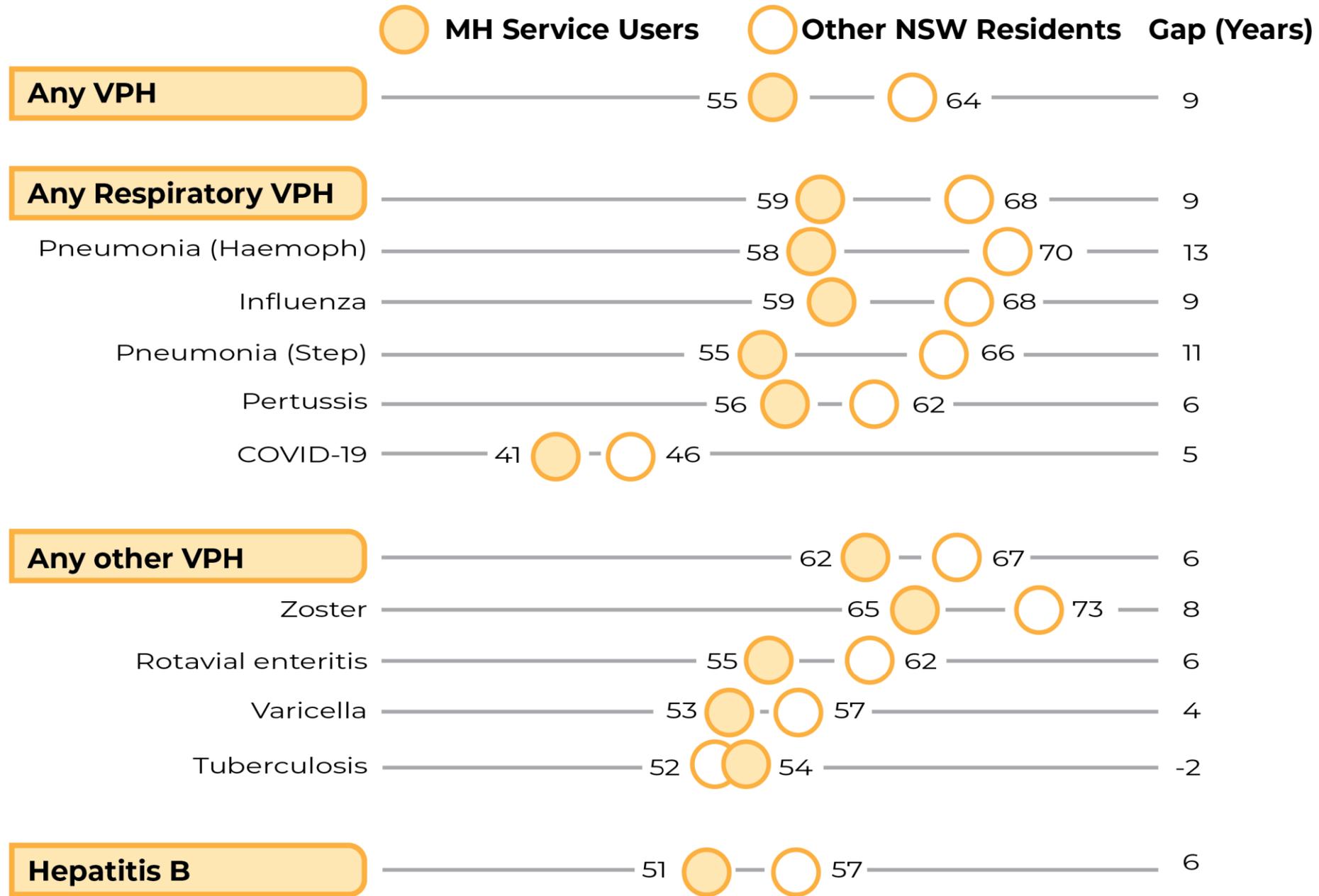
Males



Females

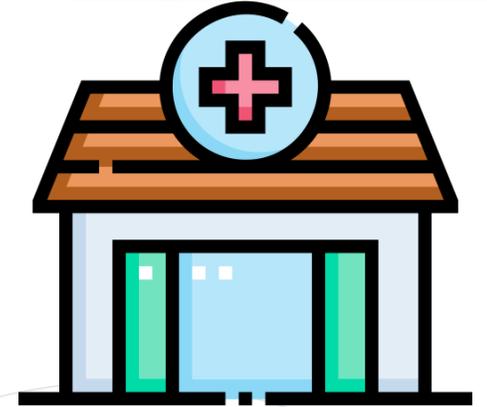
Females





Why not primary health?

- Significant barriers in accessing primary health services such as:
 - **Poverty, Increased disorganization, Diagnostic overshadowing**
 - **Little to no incentive for GPs or primary health providers to provide assertive outreach**



The National Immunisation Program

- ▶ Does not list people with a severe mental illness as a special risk group.
- ▶ **No fee exemption**

Challenges During the Rollout

- People living with a severe mental illness were classified in **Phase 1B and eligible from Early March 2021** (same as critical and high risk workers)
- Mental Health Service users were not being vaccinated. Not due to hesitancy but due to access.



- COVID vaccination clinics were **not accessible or inclusive**
- Drop in clinics turning down mental health consumers due to high demand
- **Vaccination Hubs:**
 - Too far away, 3+ month wait
 - Required phone number, email address
 - Complicated booking system
- Drop in clinic set up within two community mental health centres

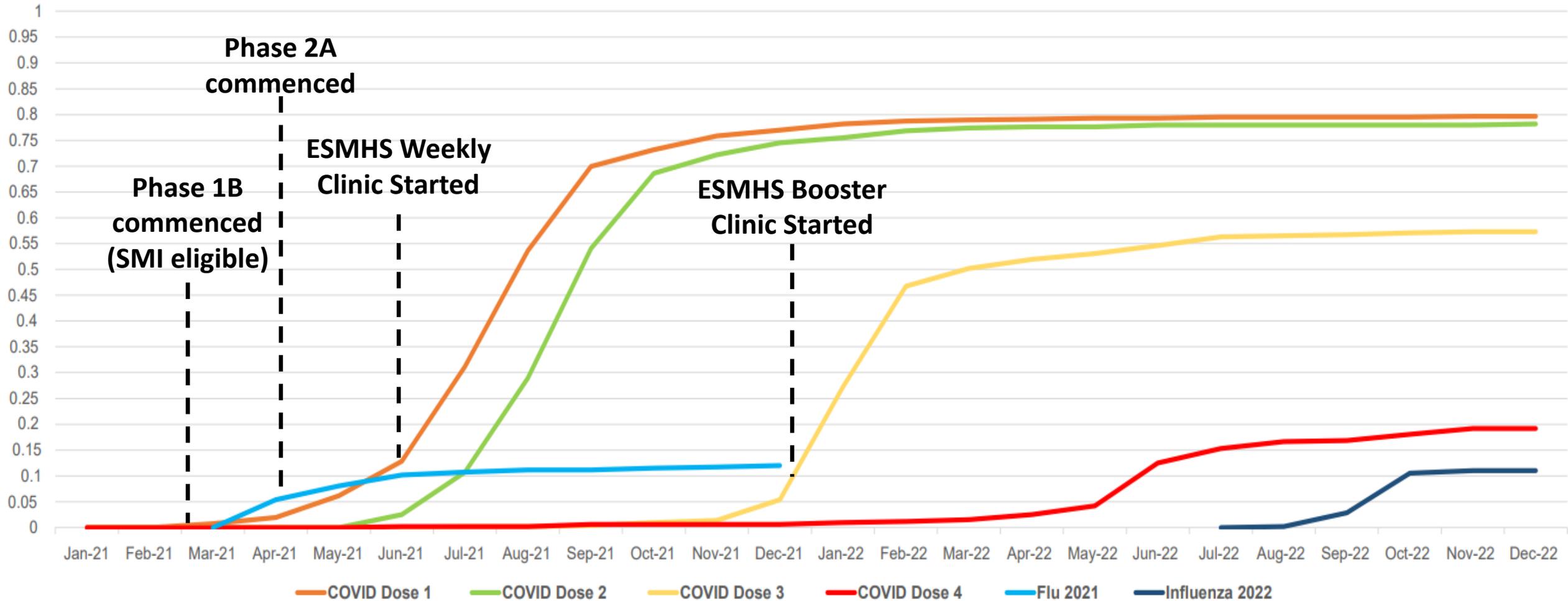


Maroubra Community Clinic

KRC
HEALTH
FOR ALL!



Proportion Vaccinated for COVID-19 (Doses 1 - 4), and Influenza in an Australian Metropolitan Community Mental Health Service (n=522)

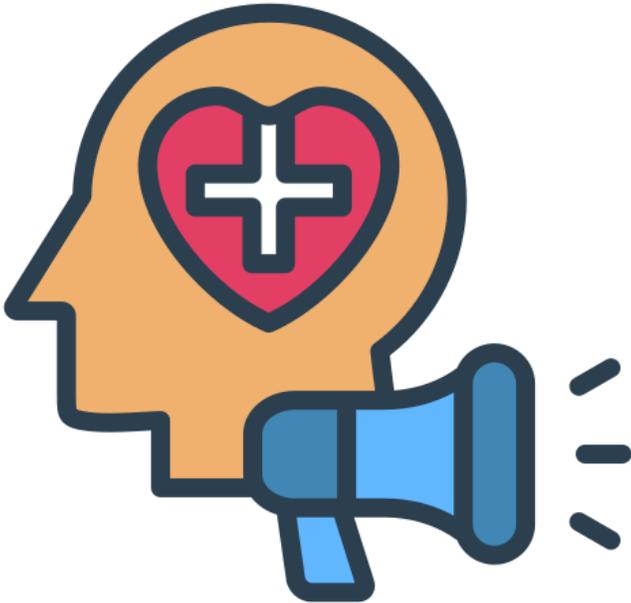


Co-design

- Service users from Early Psychosis through to Older Persons Mental Health
- Inpatient and Community Mental Health Clinicians



Co-design



- **Promotion of vaccines:**
 - **Opportunistic.** When consumer is ready
 - Staff education
 - Videos in waiting rooms
 - **Co-produced pamphlet** on “myth busting” vaccine hesitancy

Co-design

- **Attending the clinic:**
 - **Bring family/friends/carers/key workers** (who can also be vaccinated at clinic)
 - **Free** to consumers for all vaccines
 - Vaccination **home visits** available





- **Receiving the vaccines:**
 - **Phone call** prior to appointment to answer questions
 - Option to receive vaccine and wait in **sensory room**
 - **Involve Peer worker** in running clinic
 - Provide a colour **laminated certificate to be proud of**
 - **Home visit** mobile clinics

- **Follow up after the clinic:**
 - Follow up with **email/text/phone calls**
 - Provide blue book with **future vaccine dates**
 - Transcribe vaccines administered outside of Australia into the Immunisation register



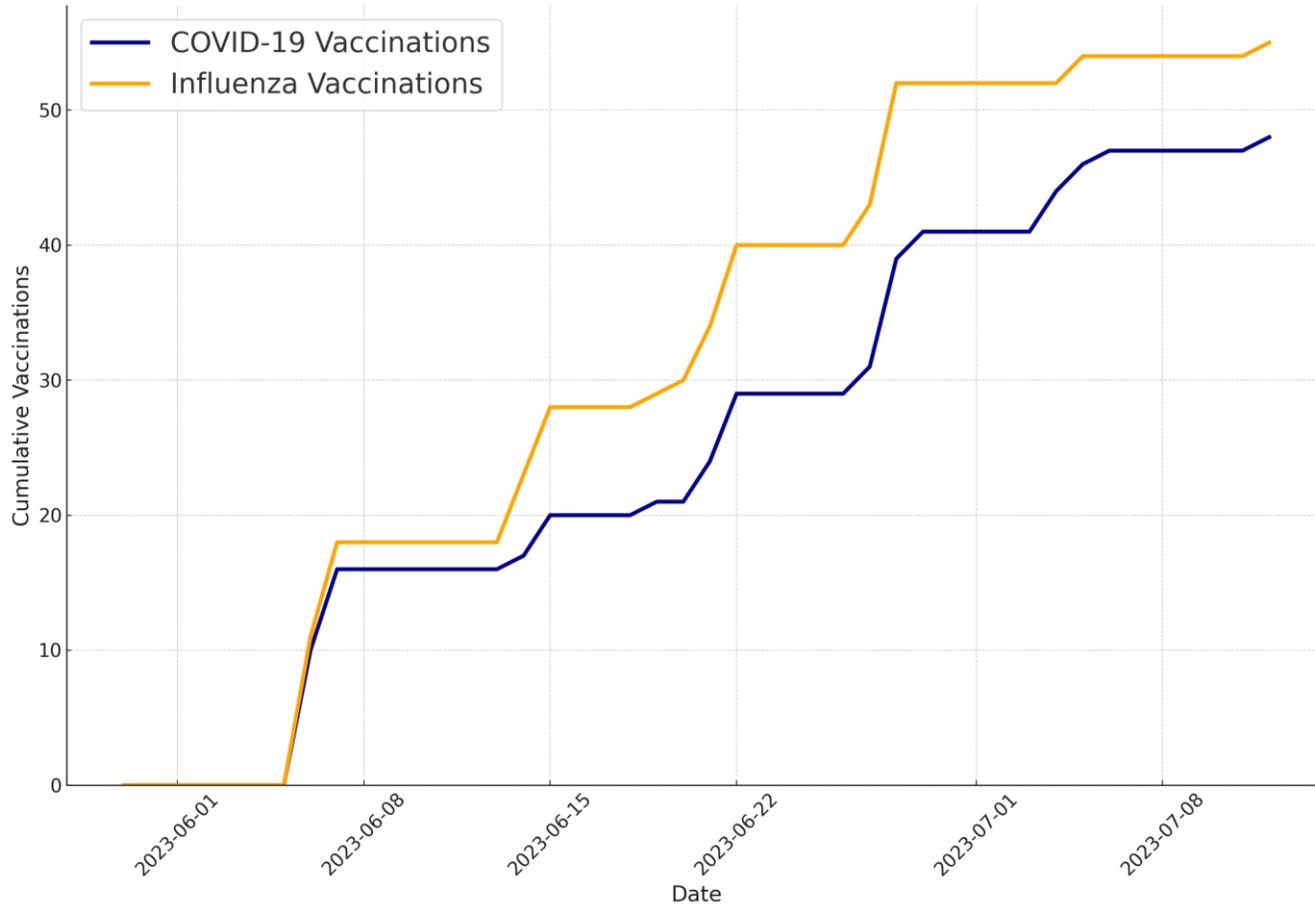
Keeping the Body in Mind – Vaccines:

- Rollout of the **co-designed model** including a **Clinical Nurse Specialist** and a **Peer Worker**
- Take a full vaccine risk history
- Provide all recommended vaccines and assertive follow up when multiple doses required
- Free of charge
- Now funded by the Central Eastern Sydney Primary Health Network

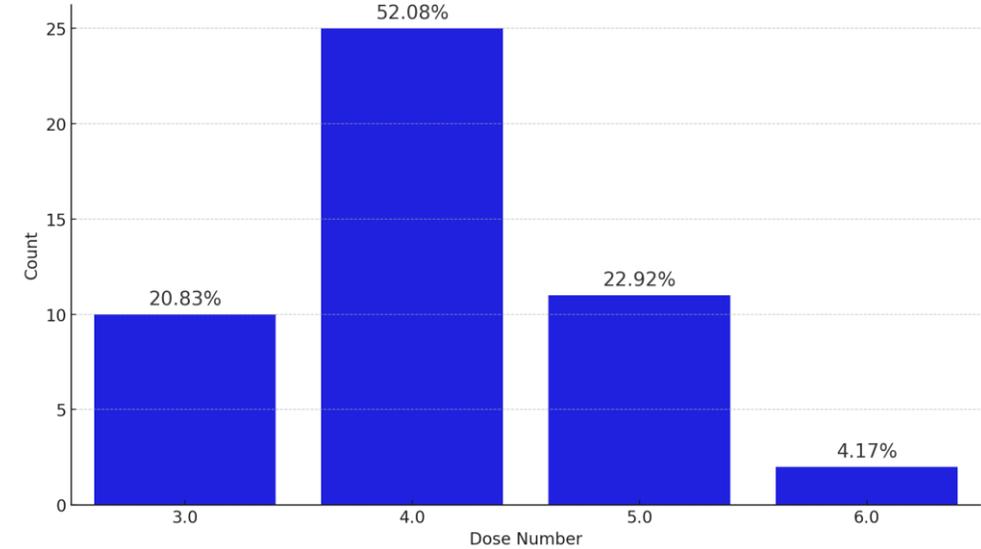


KBIM-V Vaccines Administered

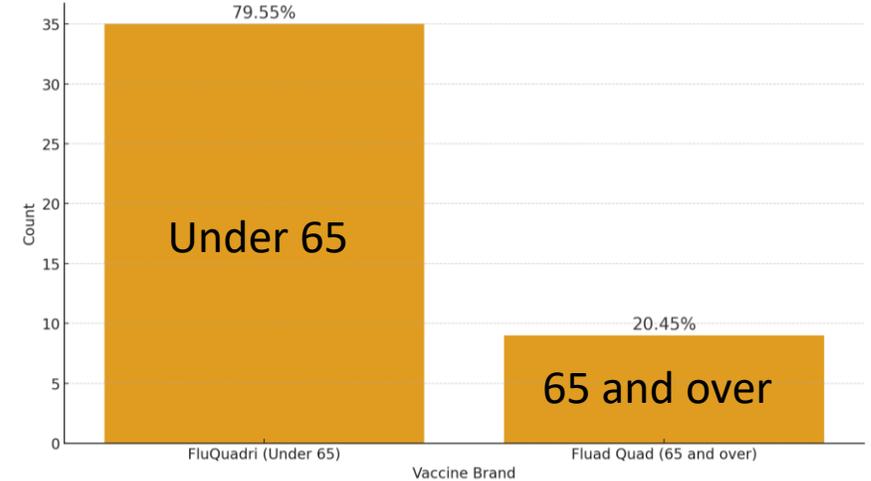
Cumulative Vaccines Given Since Starting in June 23



COVID-19 Vaccine by Dose Number

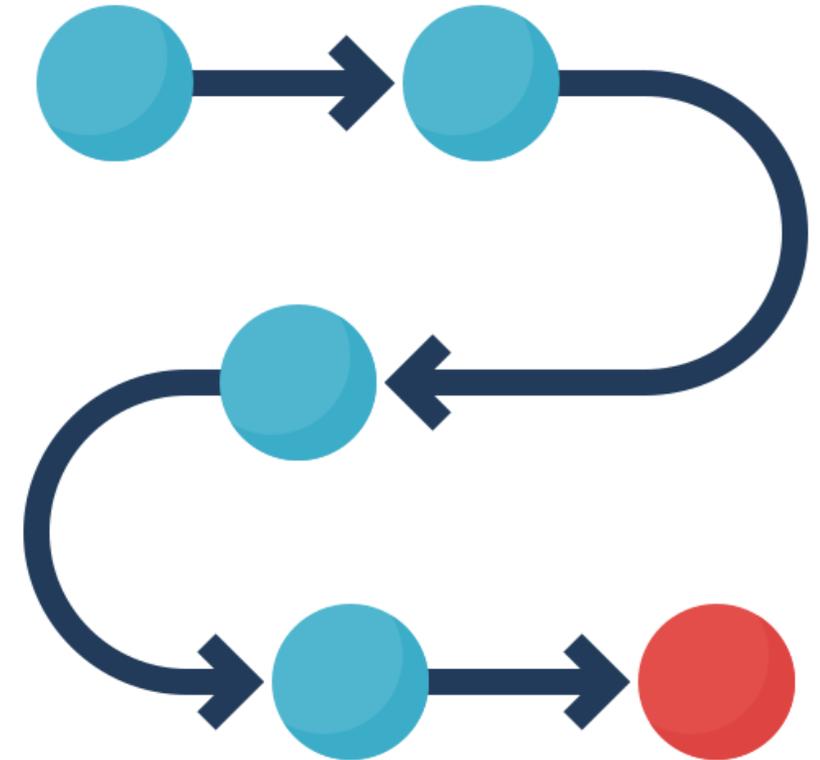


Flu Vaccines by Age Group



KBIM-V Next Steps

- Expanding to Drug and Alcohol Services
- Expanding to other Local Health Districts
- Testing the scalability of the model in other services



Questions?

