




# Forum

## 25<sup>th</sup> January 2022

Rhonda Stuart  
Monash Health  
South East Public Health Unit


21 January 2022
[Coronavirus \(COVID-19\) health alert](#)




**Ministers**  
Department of Health

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[Senator the Hon Richard Colbeck](#)
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[The Hon David Coleman MP](#)

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## First confirmed case of novel coronavirus in Australia

The first case of novel coronavirus (2019-nCoV) has been confirmed by Victoria Health Authorities this morning.



**The Hon Greg Hunt MP**  
Minister for Health and Aged Care


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## Coronavirus: Australia confirms first cases of deadly illness

Announcement follows news that deadly virus has reached Europe, after France confirmed three cases


**Gemma Fox** • Saturday 25 January 2020 11:22 • [Comments](#)



Large crowd inside Wuhan hospital as Coronavirus panic spreads


## Monash Medical Centre treating first Australian case of coronavirus

Elizabeth Daoud • **7NEWS** • Published: 25/01/2020 • Updated: Wednesday, 11 November 2020 7:57 AM AEDT




7NEWS.com.au
HAPPENING NOW


UP NEXT



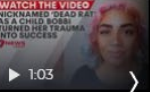
Man who used steroid cream to treat eczema is left with painful flaky skin



AFL stars involved in sleep study



TGA approves breakthrough ovarian cancer drug



Nicknamed 'dead rat' as a child, Bobbi Turner turned her trauma into success

A child was rushed to hospital in Sydney after falling ill on a flight to Australia.

The first case of coronavirus in Australia has been confirmed in Victoria, authorities announced on Saturday.

A man, aged in his 50s, was confirmed to have contracted the virus after spending two weeks in Wuhan, and arriving in Melbourne on January 19.

**In the video above: Child rushed to Sydney hospital with suspected coronavirus**

The Chinese National is in isolation and is undergoing treatment at Monash Medical Centre in Clayton.



# SEPHU COVID-19 Situation Report

24/01/2022

Includes epidemiological data on cases reported from 4 Aug, 2021 until 11:55PM on the reporting day. Data are refreshed at 6:30AM on the following day and are subject to change.

14,836

Victoria All New Cases

6,335

VIC New PCR Test Cases

8,501

VIC New RA Test Cases

4,475

SEPHU All New Cases

1,670

SEPHU New PCR Test Cases

2,805

SEPHU New RA Test Cases

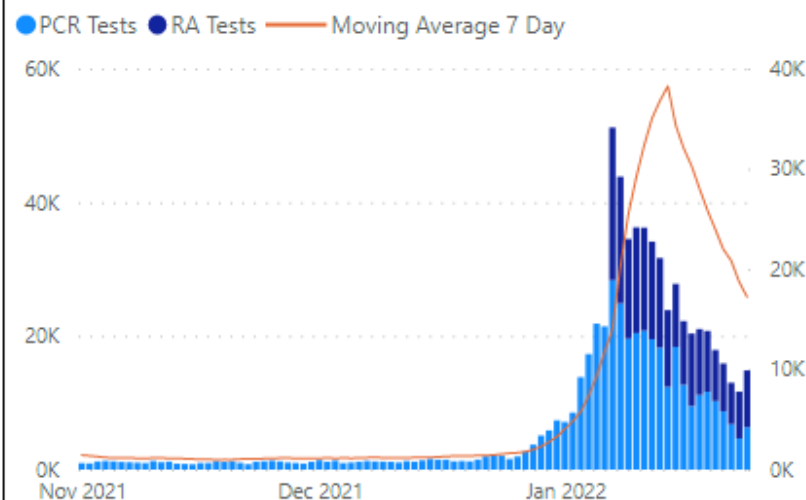
218,634

SEPHU Total Since 04/08/21

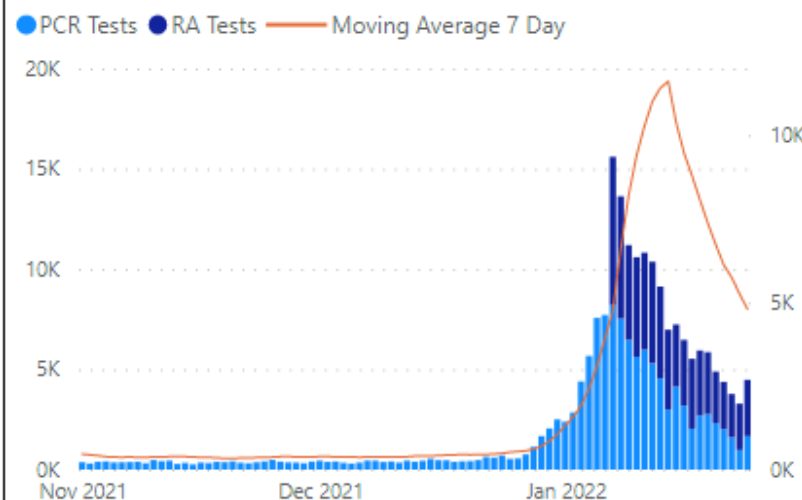
274

SEPHU Deaths since 04/08/21

## Victoria Daily Cases



## SEPHU Catchment Daily Cases



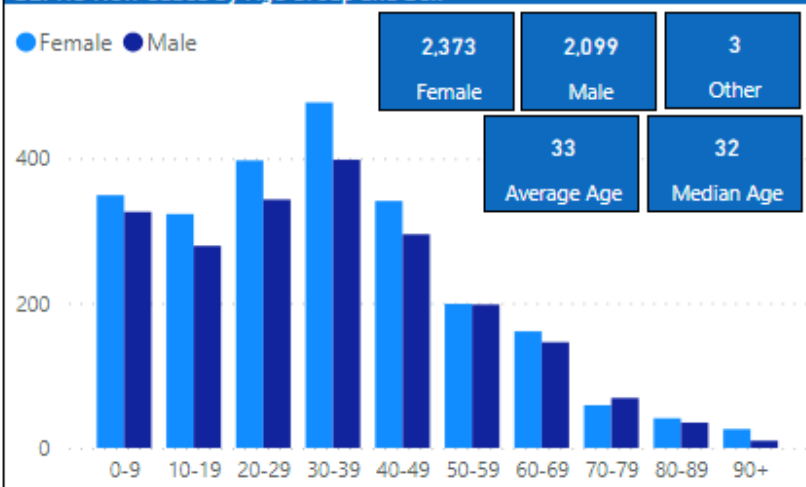
## SEPHU New Cases by LGA

SEPHU New Cases by LGA	#	%
Casey (C)	1096	24.5%
Greater Dandenong (C)	562	12.6%
Monash (C)	371	8.3%
Mornington Peninsula (S)	356	8.0%
Cardinia (S)	352	7.9%
Glen Eira (C)	344	7.7%
Kingston (C) (Vic.)	331	7.4%
Frankston (C)	316	7.1%
Bayside (C)	191	4.3%
Stonnington (C)	188	4.2%
Port Phillip (C)	173	3.9%
Knox (C)	77	1.7%
Boroondara (C)	46	1.0%

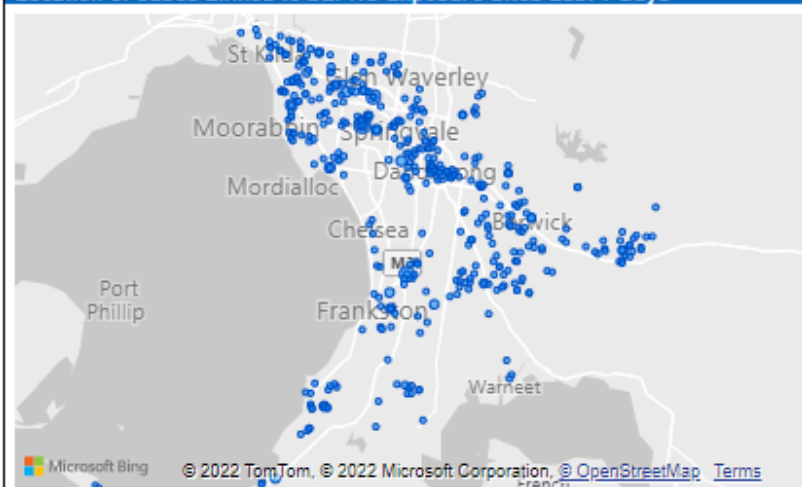
## SEPHU New Cases by Suburb

SEPHU New Cases by Suburb	#	%
PAKENHAM	174	3.9%
BERWICK	137	3.1%
NOBLE PARK	133	3.0%
CLYDE NORTH	122	2.7%
KEYSBOROUGH	118	2.6%
DANDENONG	107	2.4%
CRANBOURNE EAST	93	2.1%
HAMPTON PARK	85	1.9%
BENTLEIGH EAST	80	1.8%
OFFICER	76	1.7%
ENDEAVOUR HILLS	73	1.6%
CRANBOURNE NORTH	72	1.6%
ROWVILLE	71	1.6%
CRANBOURNE WEST	69	1.5%

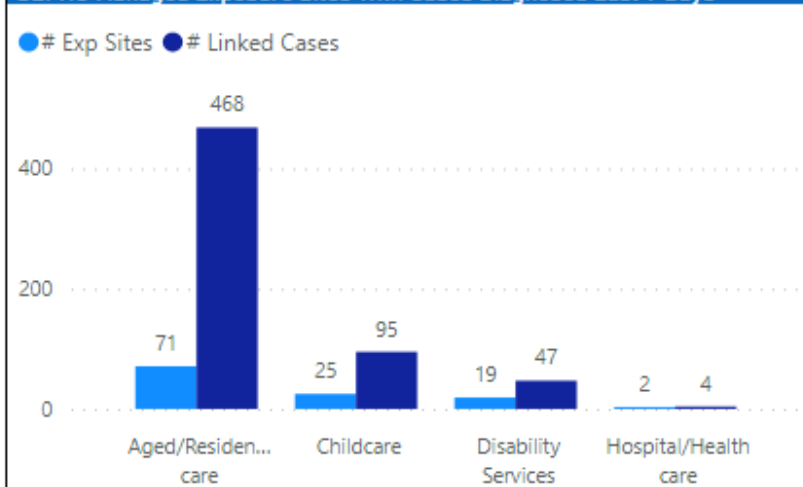
## SEPHU New Cases by Age Group and Sex



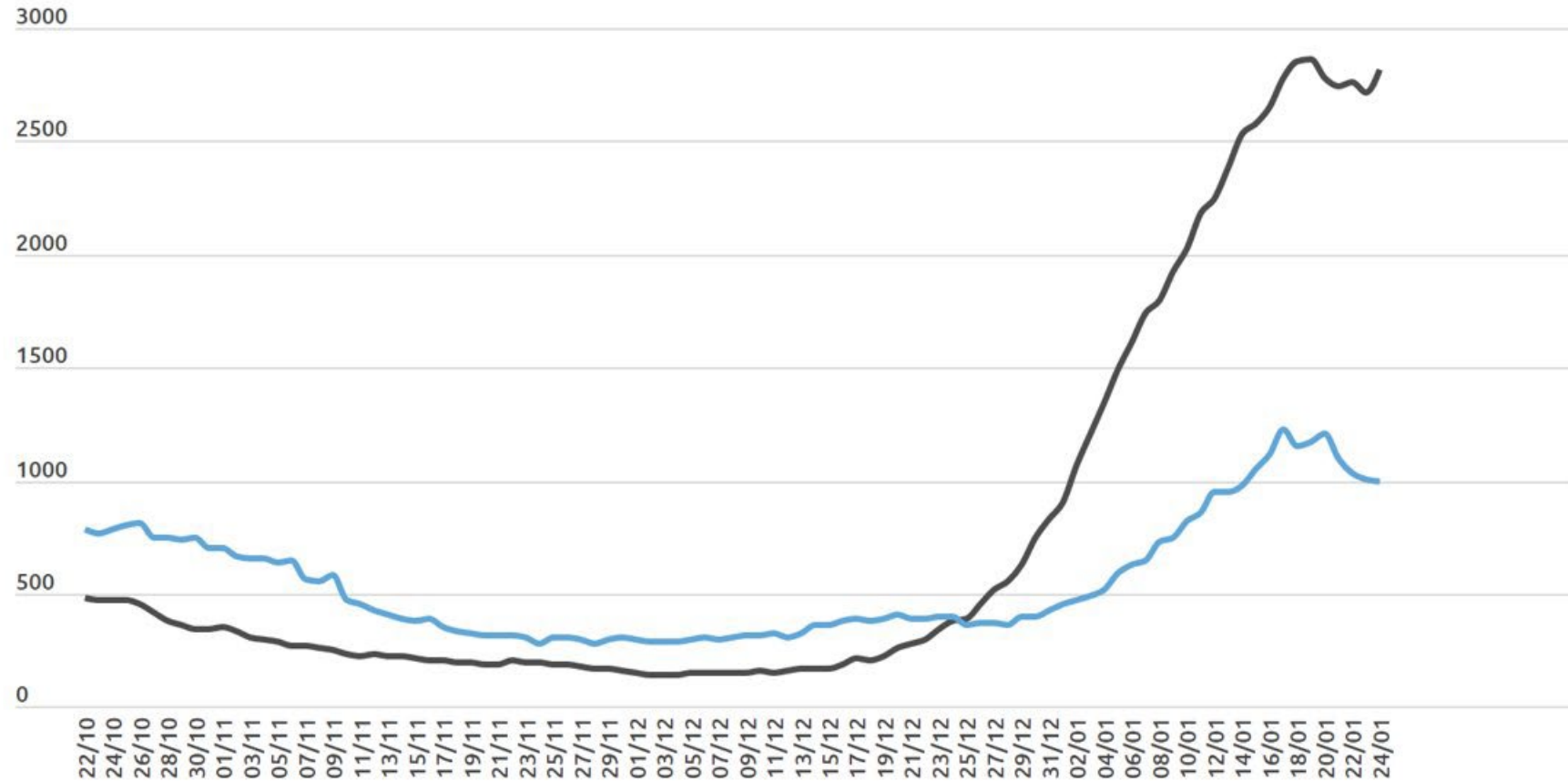
## Location of Cases Linked to SEPHU Exposure Sites Last 7 Days



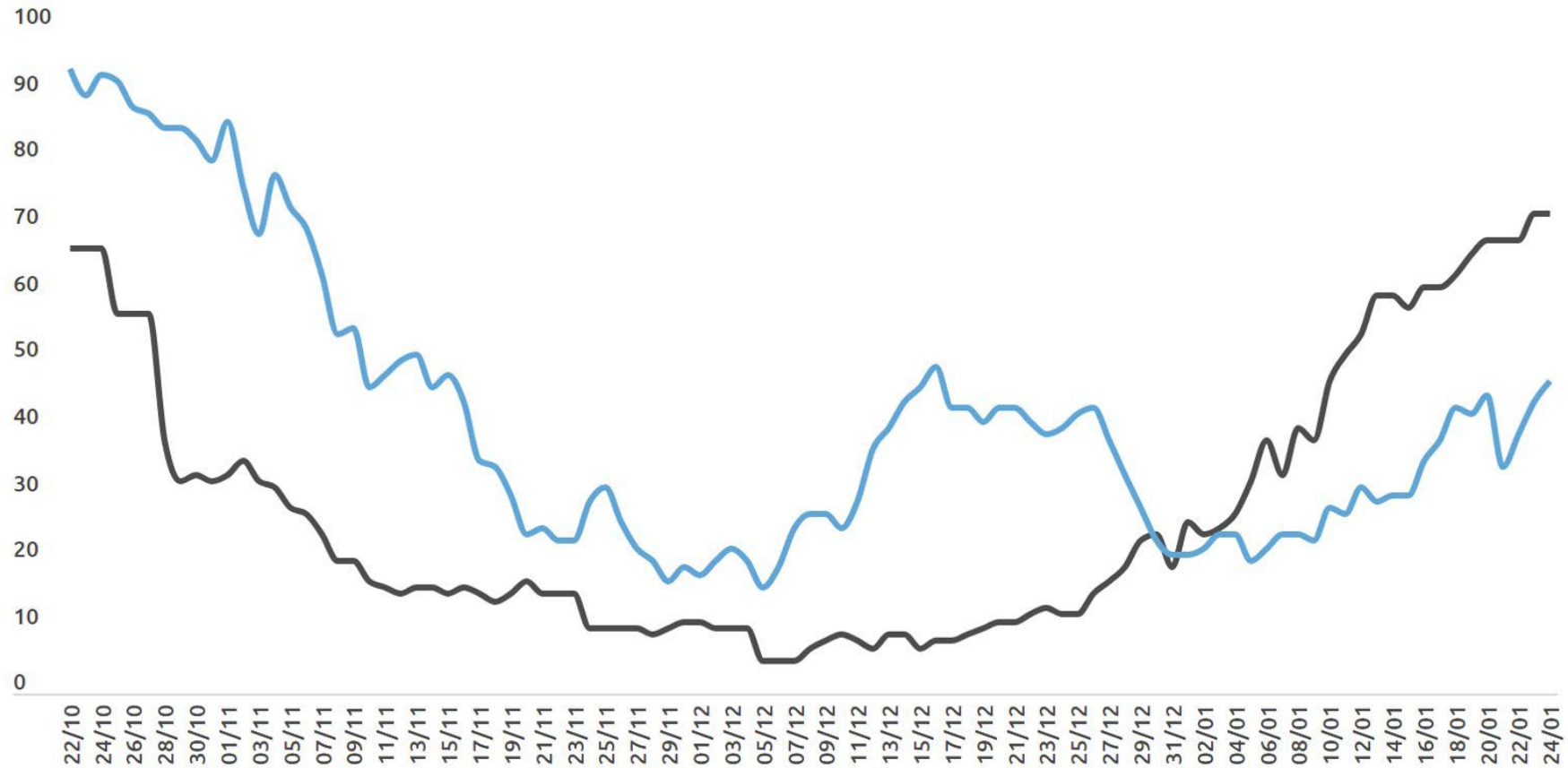
## SEPHU Managed Exposure Sites With Cases Diagnosed Last 7 Days



# Hospitalisations (NSW vs Vic)



# ICU and ventilated



# Summary CDC data

- People who were unvaccinated had a greater risk of testing positive for COVID-19 and a greater risk of dying from COVID-19
- Unvaccinated people in all age groups had higher case and death rates than fully vaccinated people in the same age groups.
- People who were fully vaccinated *with* an additional or booster dose had lower case rates compared with those *without* an additional or booster dose.
- People ages 65 and older had a larger overall benefit from receiving an additional or booster dose, compared with those 50-64 years.

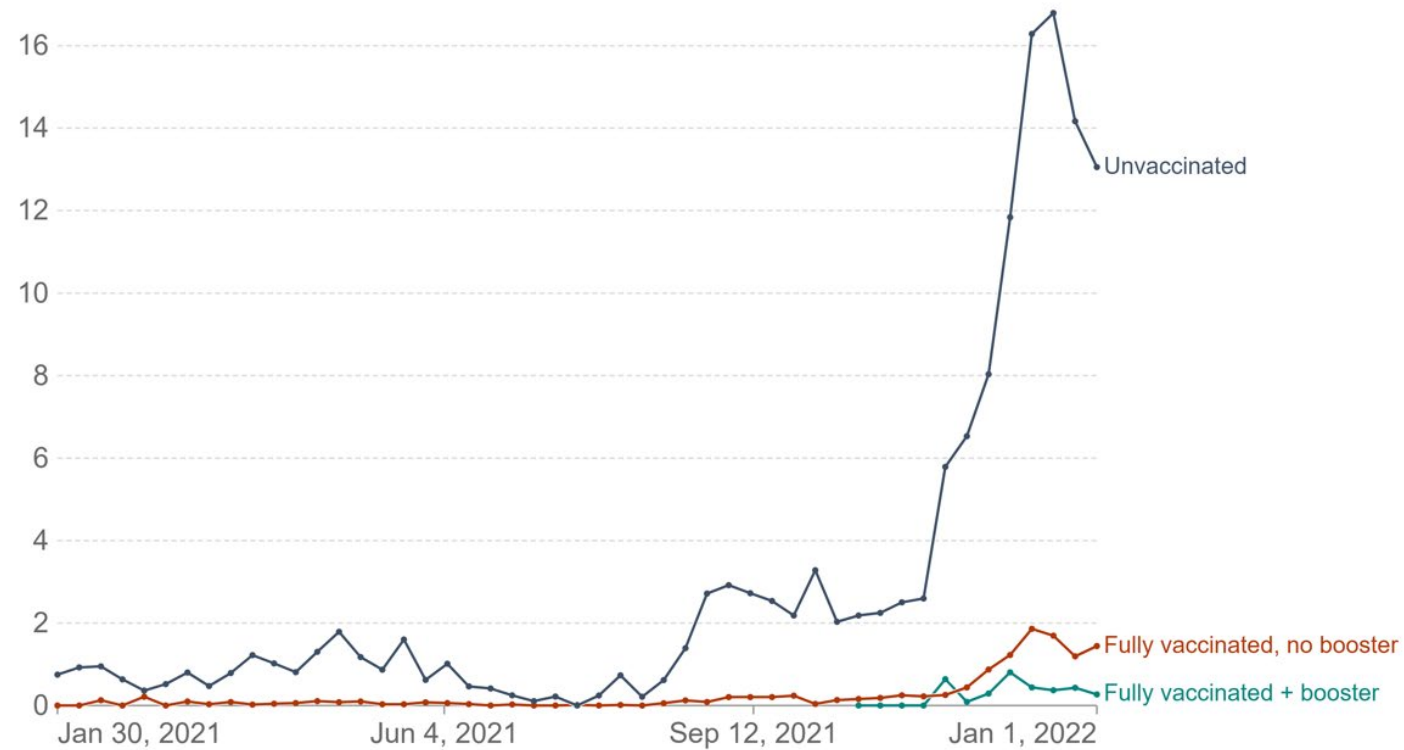


# Vaccination

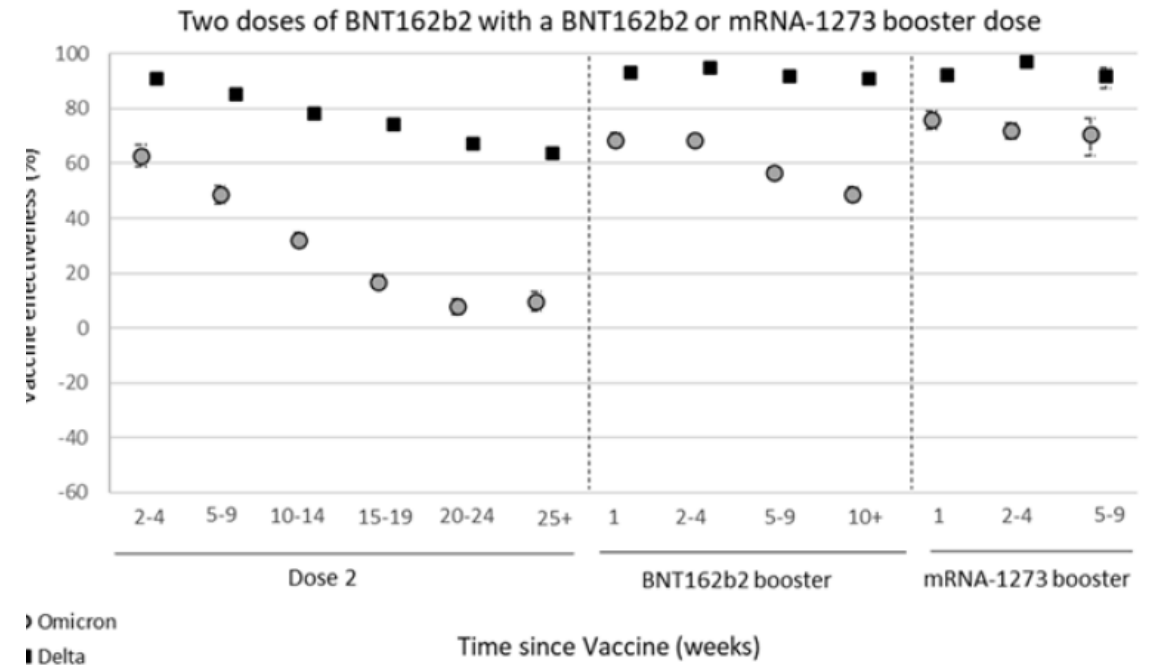
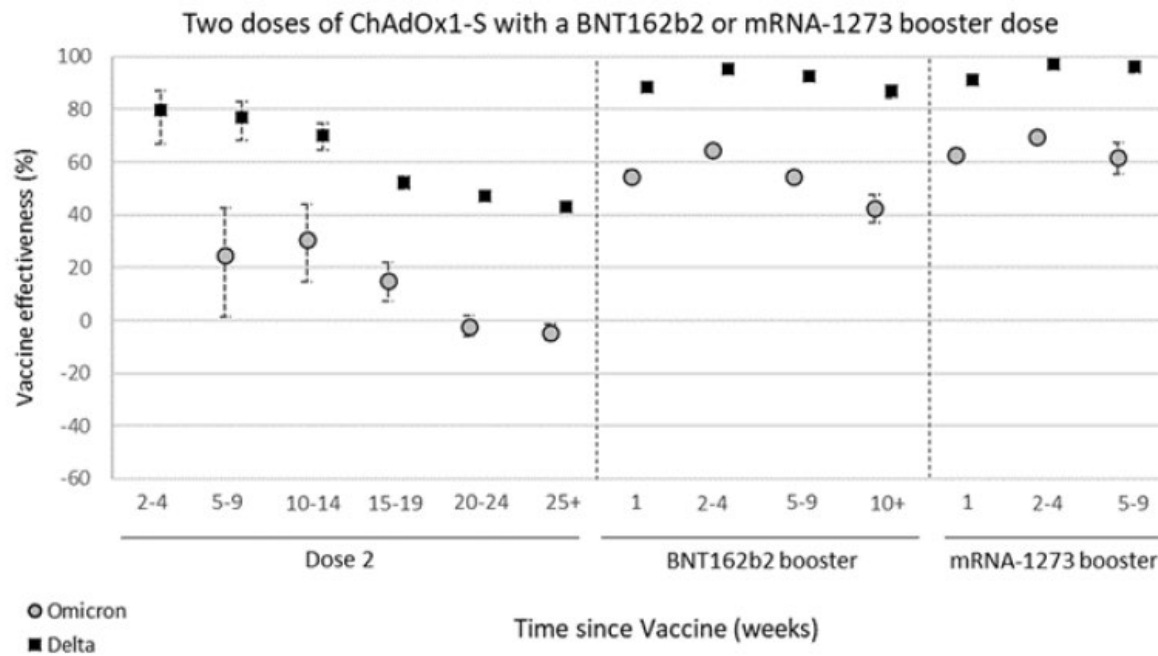
## Switzerland: COVID-19 weekly death rate by vaccination status, All ages

Death rates are calculated as the number of deaths in each group, divided by the total number of people in this group. This is given per 100,000 people.

Our World  
in Data



# VE - symptomatic infection





# VE against hospitalisation

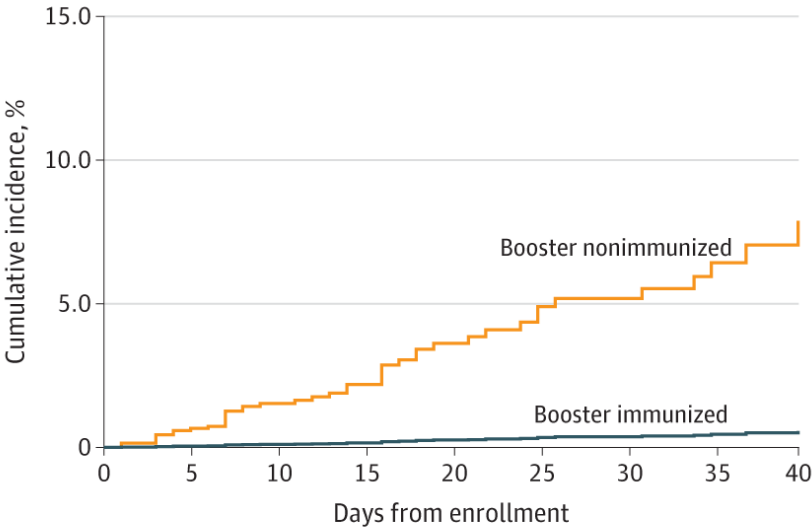
**Table 6: Vaccine effectiveness against hospitalisation for Omicron (all vaccine brands combined). OR = odds ratio, HR = hazard ratio, VE = vaccine effectiveness (CI=Confidence interval)**

<b>Dose</b>	<b>Interval after dose</b>	<b>OR against symptomatic disease (95% CI)</b>	<b>HR against hospitalisation (95% CI)</b>	<b>VE against hospitalisation (95% CI)</b>
1	4+ weeks	0.74 (0.70-0.77)	0.65 (0.30-1.42)	52% (-5-78)
2	2-24 weeks	0.82 (0.80-0.84)	0.33 (0.21-0.55)	72% (55-83)
2	25+ weeks	0.98 (0.95-1.00)	0.49 (0.30-0.81)	52% (21-71)
3	2+ weeks	0.37 (0.36-0.38)	0.32 (0.18-0.58)	88% (78-93)

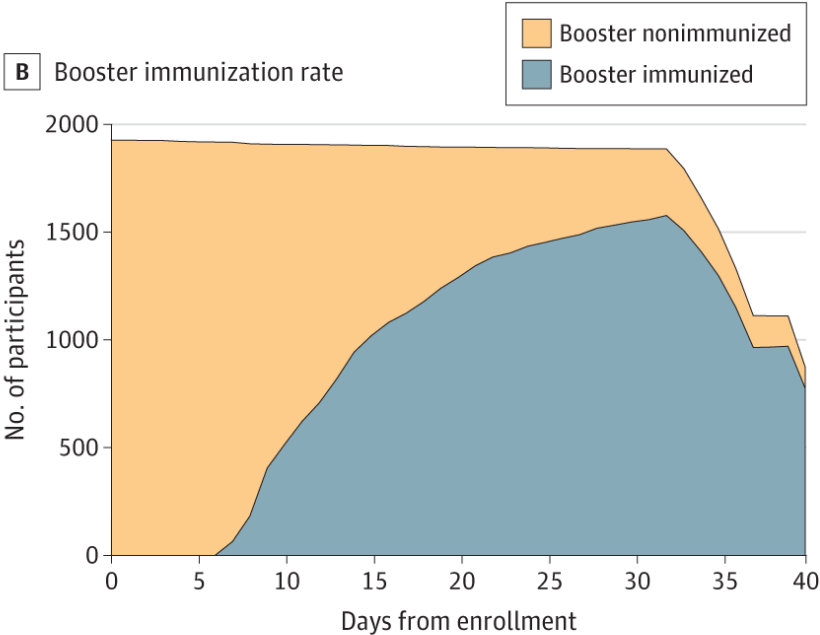
From: **Association of a Third Dose of BNT162b2 Vaccine With Incidence of SARS-CoV-2 Infection Among Health Care Workers in Israel**

JAMA. Published online January 10, 2022. doi:10.1001/jama.2021.23641

**A** Incidence of SARS-CoV-2 infection



**B** Booster immunization rate



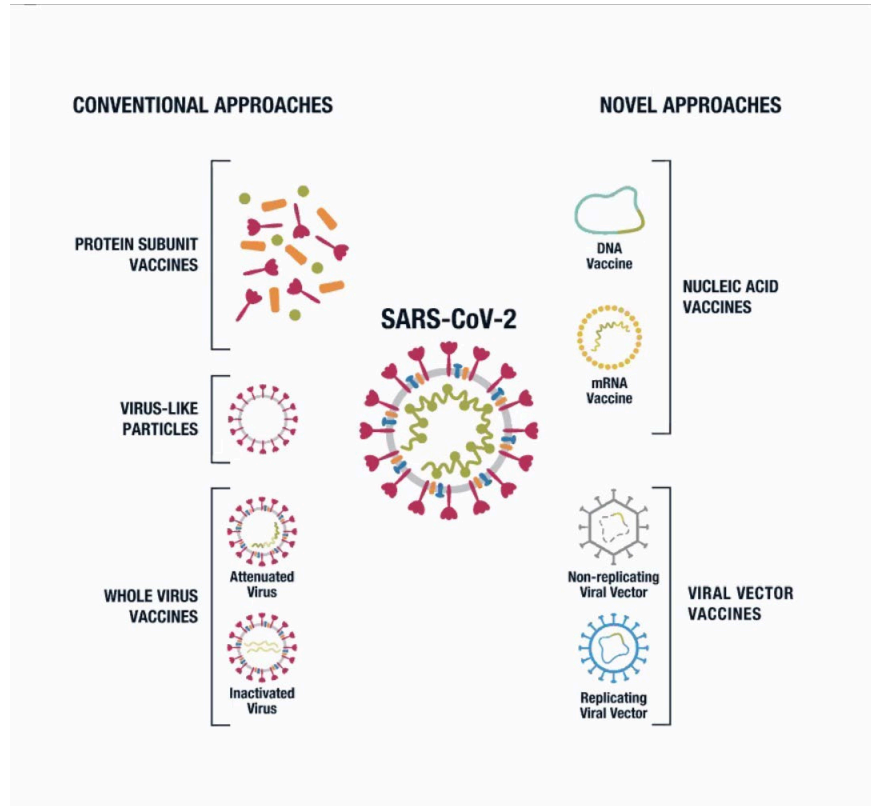
No. at risk

Entire cohort	1928	1920	1908	1903	1895	1892	1888	1515	872
Booster immunized	0	0	515	1020	1290	1453	1548	1298	774

# Boosters post COVID

- Still required
- Natural infection gives less immune response
- ATAGI guidance now decreased to 4-month window as an exemption
- As soon as well enough get a booster

# Novavax



- Protein subunit vaccine
  - Spike proteins
  - NOT a live vaccine
- TGA provisionally approved
  - for use in a primary course of vaccination in people aged > 18 years
- The recommended schedule for administration
  - 2 doses, a minimum of 3 weeks apart.
- Can be administered to pregnant and breastfeeding women.
  - ATAGI notes that unlike the Pfizer and Moderna vaccines for which there are substantial data on their safe use in pregnancy and with breastfeeding, there are no immunogenicity or safety data for these groups with this vaccine yet.
- Novavax COVID-19 vaccine can be administered to people with a prior history of SARS-CoV-2 infection, in line with recommendations for other COVID-19 vaccines.
- Immunocompromised are recommended to receive 3 doses as part of primary course
- Not currently recommended for use as a booster vaccine.
- Can be co-administered with other vaccines if required.

# Close contact HCW

## Notify

- Health service
- Agreement between HCW and health service to return to work

## Surveillance

- Daily RATs for 5 days from positive test
- Prior to commencing work

## Work

- Solely in N95
- No breaks in shared space

## Isolate in Community

- Released on D7

# Close contact Process

## Inform

- Enter data via online reporting process
- Receive confirmation email
- Inform manager

## Test

- RAT test daily for 5 days – pre-shift
- Pick 5 day supply up at front door screening areas
- Do D1 test in allocated area, the rest pre-shift at home

## Work

- Only travel to and from work
- Work in N95
- No shared breaks



# Positive HCW

## Test

- Positive on PCR or RATs – Date of test = D0

## Isolate

- Isolate 7 days from positive test
- Look after yourself

## Notify

- Notify Monash Health via online link (new cases only)
- Notify Department of Health via online link (RATs only)
- Notify manager

## Return

- Return to work on D7
- If not feeling well enough consult your manager