

Kat Taylor, Tony Merritt HNE Public Health Unit – 27 July 2020



NSW vs Victoria

- Cases per day since >10 cases per day (VIC - 15 June, NSW – 1 July)
- NSW last 24hrs 17 new cases
 - 8 OS acquired
 - 7 locally-acquired (known contacts/cluster source)
 - 2 unknown source

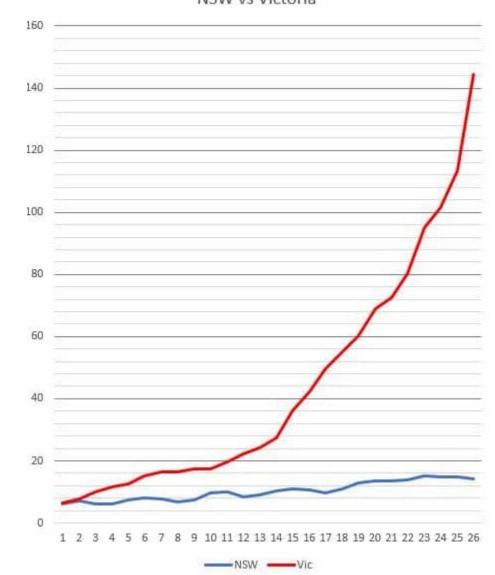
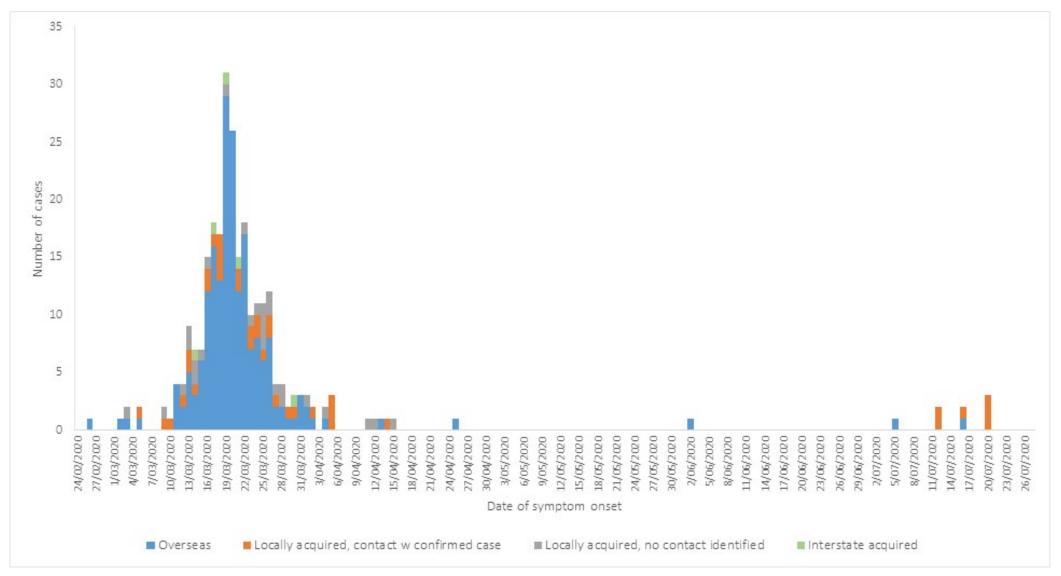
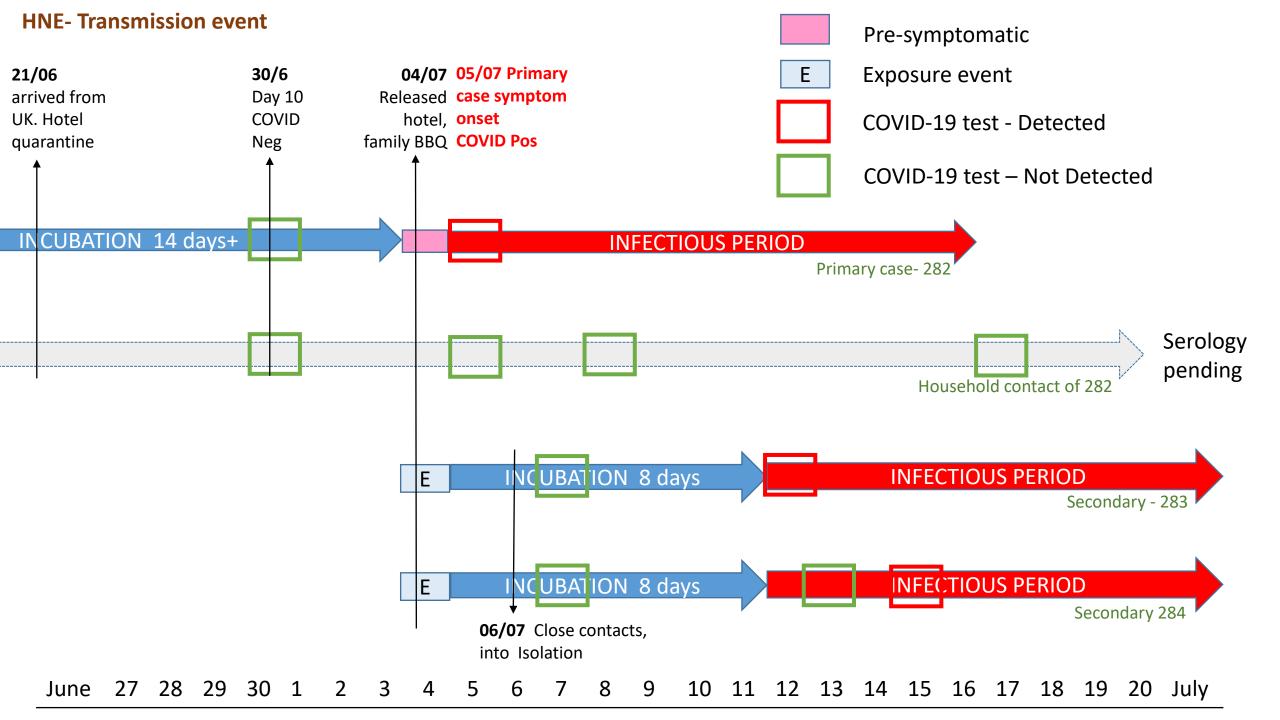


Image courtesy B. Shakibaei, 26/7/2020

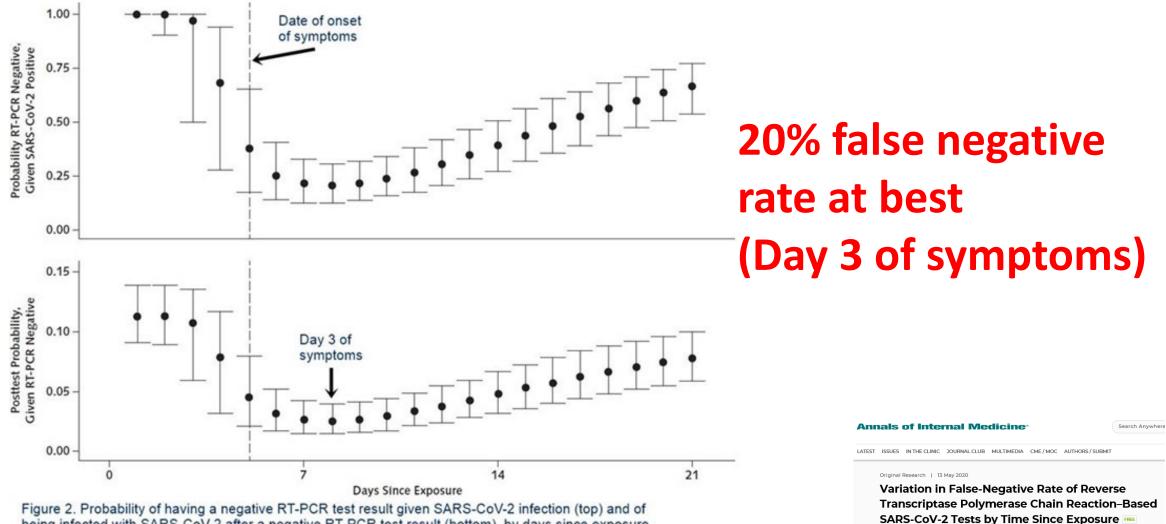
NSW vs Victoria

HNE Epidemic curve





PCR performance – sensitivity (false negatives)



being infected with SARS-CoV-2 after a negative RT-PCR test result (bottom), by days since exposure. Ann Int Med 13/5/20 Kucirka et al https://www.acpjournals.org/doi/10.7326/M20-1495#f2-M201495

Lauren M. Kucirka, MD, PhD 📓, Stephen A. Lauer, PhD, Oliver Laeyendecker, PhD, MBA, ... View all authors +

Key learnings

- Incubation period can be up to 14 days
- Infectious when asymptomatic / pre-symptomatic
- Early negative COVID PCR tests not predictive of future illness
- False negative PCRs. If COVID is highly suspected maintain isolation and repeat test

Port Stephens cluster

- Index case Sydney-acquired, visited Port Stephens on 13/7/20, Sx onset 14/7
- Port Stephens case 1 Onset of symptoms 16/7, swab +ve 20/7,
- Port Stephens case 2 Onset ~19/7, swab +ve 22/7
- Port Stephens cases 3 and 4 Onsets 20/7
- Complex settings:
 - Woolworths
 - Primary school
 - Childcare centre
 - Junior AFL team
- Total 155 close contacts!

Key messages

- Potential for large numbers of contacts under eased restrictions
- Who to test:
 - "outbreak investigation" (quarantine and test) vs
 - "place of interest" (monitor for symptoms)
- Who to isolate:
 - Contacts of known cases/clusters (14 day quarantine)
 - Anybody with symptoms, no matter how mild
 - Contacts: remain isolated for 14 days after last exposure, irrespective of negative test results*
 - Non-contacts: until negative COVID19 result obtained, AND symptoms resolve

*Contacts who become cases may complete isolation requirements earlier

Australian Health Protection Principal Committee (AHPPC) statement on strategic direction

The AHPPC recommends that the goal for Australia is to have no community transmission of COVID-19, strengthening the current suppression strategy and updating metrics.

Date published:	24 July 2020
Media type:	Statement

Audience: General public

AHPPC recommends that the goal for Australia is to have no community transmission of COVID-19, strengthening the current suppression strategy and updating metrics.

Recent outbreaks show us that if the disease is able to enter the community unseen, it will spread quickly.