

# Influenza Trends in the Southern Hemisphere

July 24, 2025

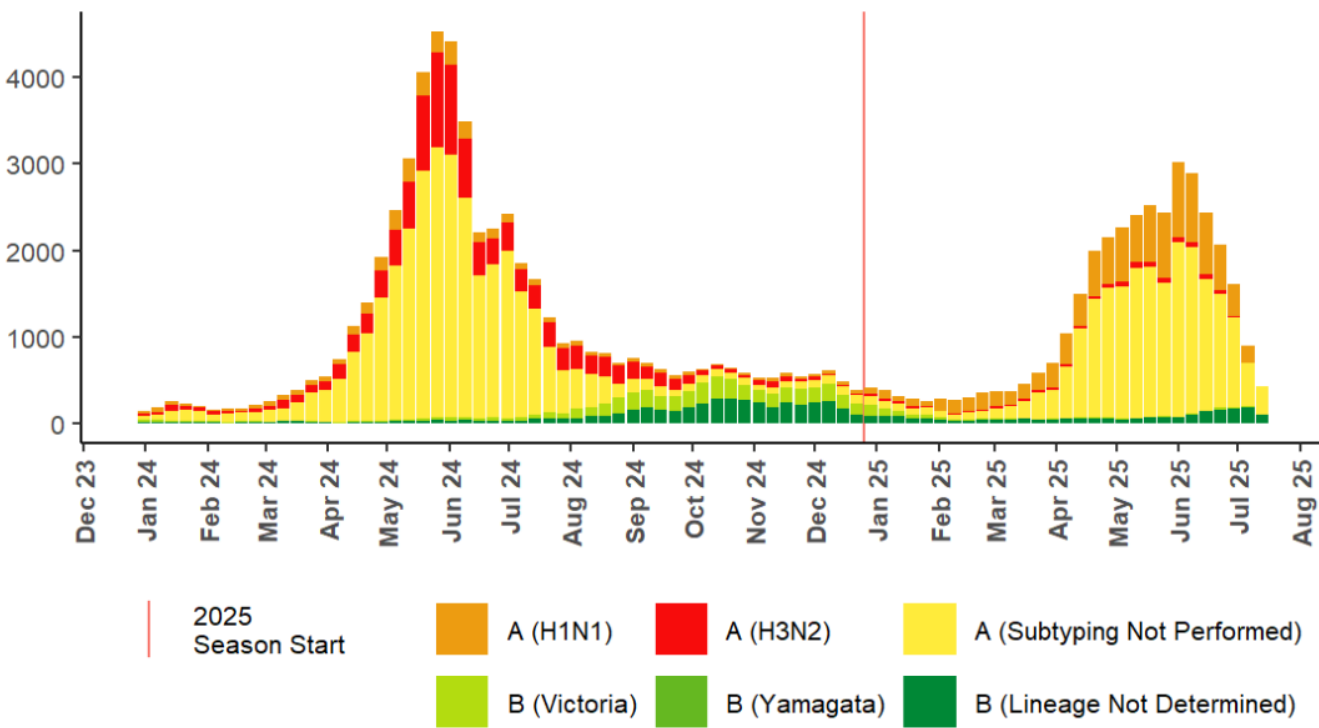
USA-SEQ-25-0193

Karita Ambrose, PHD  
Head of US Medical Affairs  
CSL Seqirus

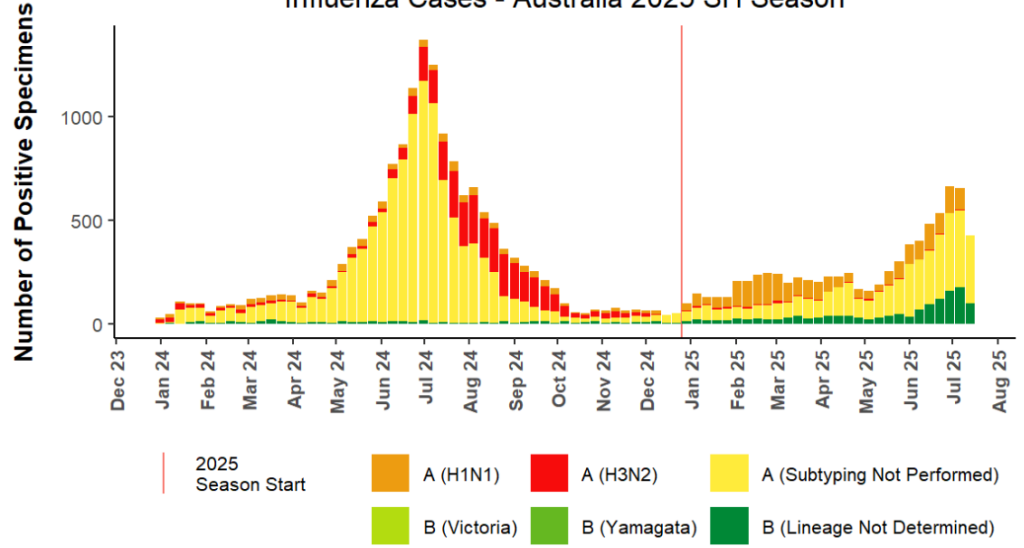
# Southern Hemisphere Strain Circulation

Number of Positive Specimens

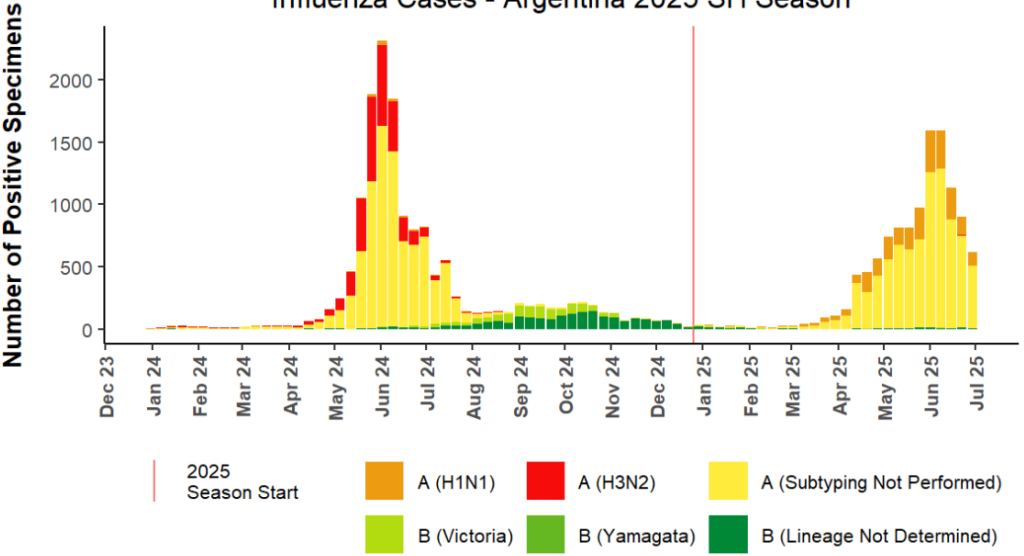
Influenza Cases - Southern Hemisphere



Influenza Cases - Australia 2025 SH Season

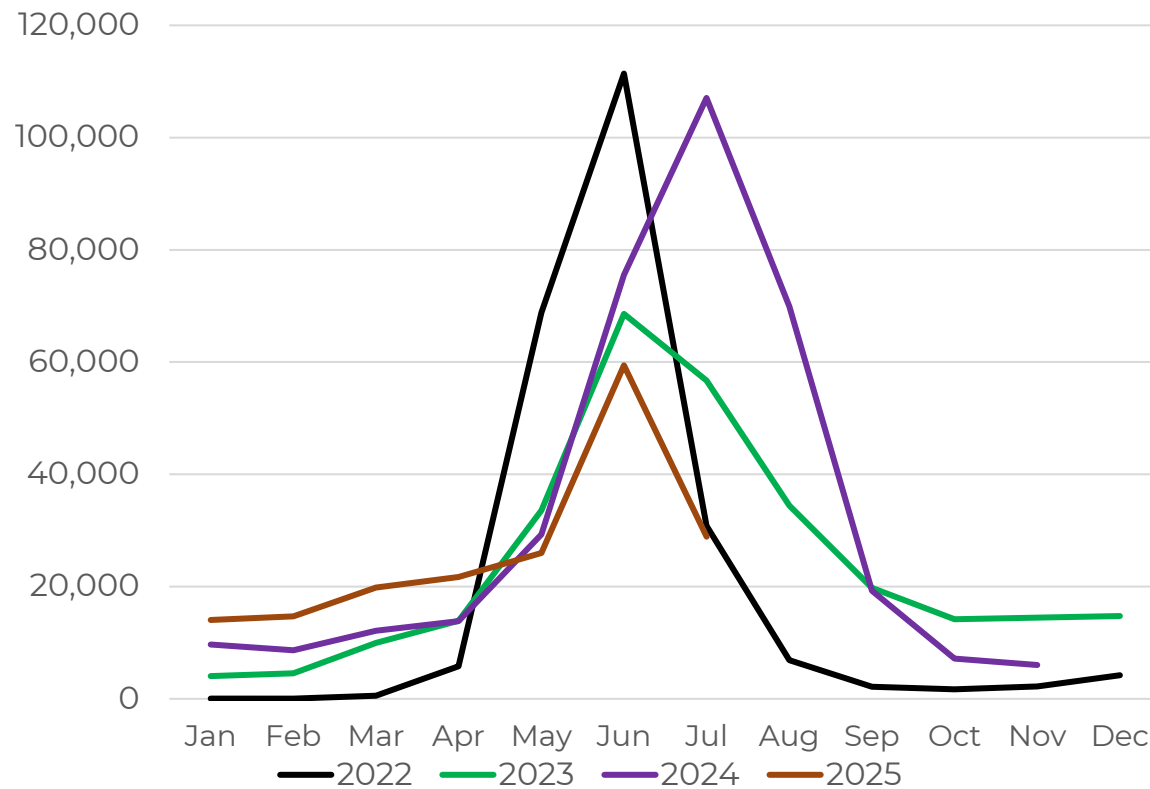


Influenza Cases - Argentina 2025 SH Season

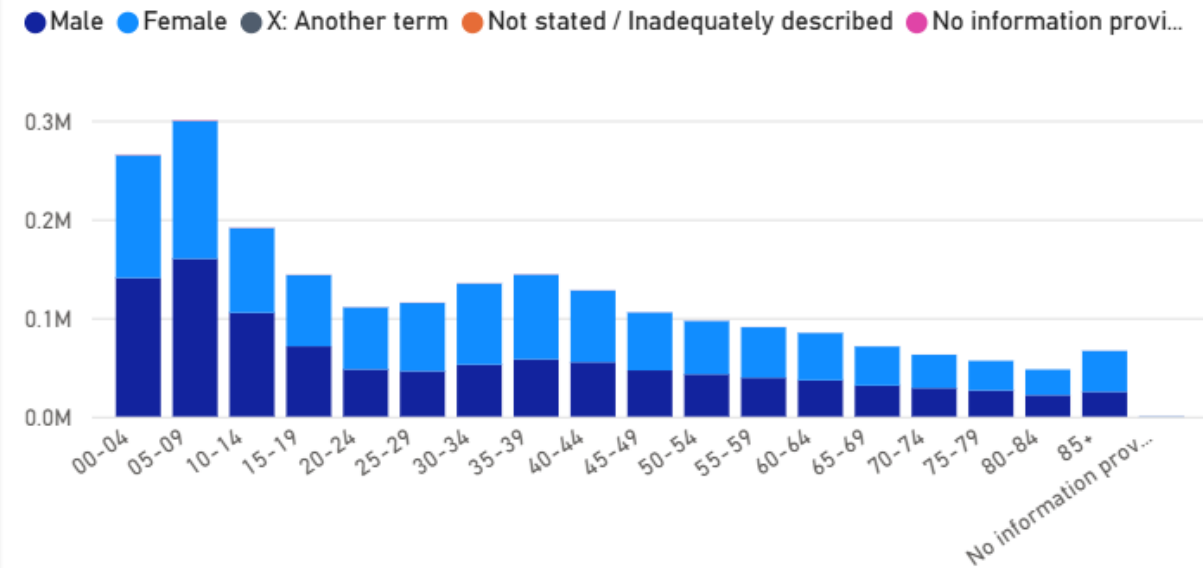


# Australia Lab-Confirmed Influenza

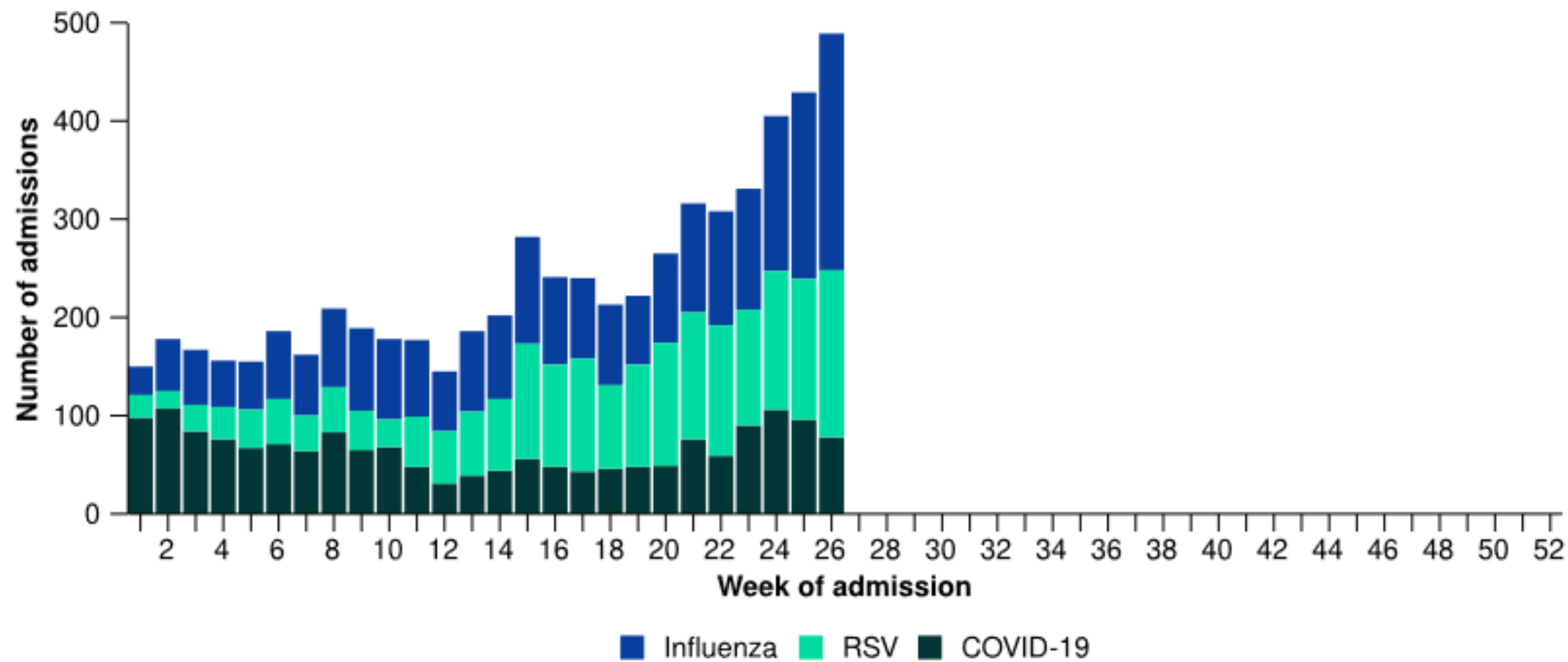
Notifications of laboratory-confirmed influenza in Australia<sup>1</sup>  
Data As Of **July 21, 2025**



Notifications of laboratory-confirmed influenza by age in Australia<sup>3</sup>  
Data As Of **July 21, 2025**



# Hospitalized Patients with Severe Acute Respiratory Infection



Driven by **Our Promise**

**CSL Seqirus**



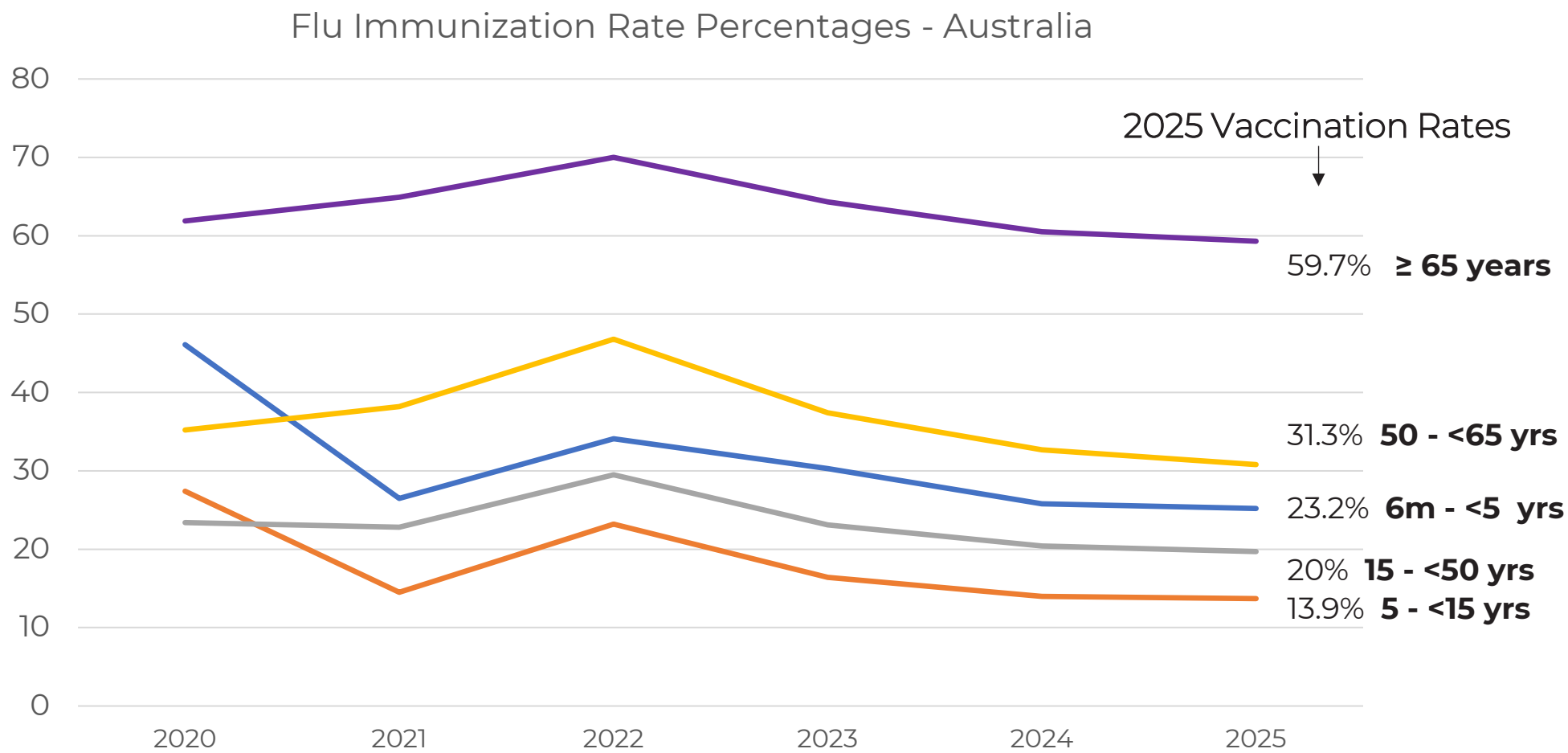
# Winter flu surge across the country sees 50 percent rise in hospital admissions amid low vaccination rates

**NEWS**

**ABC News**

- “National health data shows a 50 per cent increase in hospital admissions for flu in the latest reporting period. The data also shows vaccine rates below 30 per cent for influenza.”
- Many hospitals across the country are struggling with these increased presentations and admissions. This week, four Queensland hospitals paused elective surgeries for 48 hours due to EDs being overwhelmed. On Wednesday, the state government announced category two and three surgeries for patients had to be postponed at the Royal Brisbane and Women's Hospital, Prince Charles Hospital, Redcliffe Hospital, and Caboolture Hospital.”
- "This year, it's been worse. There's been a 16 per cent increase in the number of people presenting, and 90 per cent presenting with flu are unvaccinated," Queensland Health Minister Tim Nicholls said.
- President-elect of the Australasian College for Emergency Medicine Peter Allely said the system could not handle the increased demand. "We have a health system that has limited-to-no surge capacity and that's the real issue," he said. "We're running at 100 per cent plus capacity so a small bump in patient numbers has a disproportionate effect on emergency overcrowding."

# Australia Flu Immunization Rates Across All Ages



# Vaccine Match and Strain Characterization

- WHO Collaborating Centre for Reference and Research on Influenza has antigenically characterized 2,545 influenza viruses from Australia by HI assay
- Strains characterized are antigenically similar to the corresponding 2025 vaccine components
  - 99.3% (1,824/1,837) of influenza A(H1N1) isolates
  - 99.6% (265/266) of influenza A(H3N2) isolates
  - 98.6% (436/442) of influenza B/Victoria lineage isolates

# Summary

- Australia experienced an early start to flu season, with case counts more than 50% higher than the previous January–March record set in 2024; however, rates now are in line with seasonal trends
  - Influenza rates remain highest in children aged 5-9 years followed by children aged 0-4 years
- Hospitalization due to influenza increased by 50% during the month of July causing significant burden on hospital systems in some states
- H1N1 accounts for 72% of circulating strains (10.5% H3N2 and 17.4% B Victoria)
- Despite circulating strains being antigenically similar to the vaccine, the national influenza vaccination rate remains stagnant at ~29%



# Thank You / Questions