

Acute Respiratory Infections Weekly Report
 Week-ending 7 April 2024

Issued 8 April 2024

Key messages for local services

COVID-19

COVID-19 activity declined further last week and remains at low-moderate level. Laboratory notifications were lower compared to the week before and were predominantly from older age groups and children aged 0 to 9 years. The positivity rate of PCR tests increased from 4.5% to 5.3%. ED presentations and admissions remained stable as did the number of aged care outbreaks.

Influenza

Influenza activity remains at low-moderate level. Case notifications decreased last week but remain slightly above the usual inter-seasonal baseline. Case notifications are predominantly from children, teens and adults aged 20-29 years. Influenza A remains the predominant influenza strain detected. Influenza test positivity decreased from 3.7% to 2.8%. ED presentations for influenza-like illness remain stable at the top of the expected range for this time of year. Pneumonia and ILI admissions also remain stable and are above the expected range for this time of the year.

Respiratory syncytial virus

RSV PCR positivity remained stable at 9.7% last week. Bronchiolitis ED presentations increased last week and remain above the expected range for this time of year.

Data Summary

1. Case numbers

Table 1: SESLHD COVID confirmed cases by LGA of residence

LGA	Last 7 days	Last 14 days	Last 28 days	Last 7 days crude rate*
Bayside	13	57	157	7.4
Georges River	18	44	92	11.8
Randwick	22	48	83	16.3
Sutherland Shire	34	81	152	14.7
Sydney	11	26	52	15.4
Waverley	14	29	70	20.2
Woollahra	11	24	39	20.4
SESLHD	123	309	645	13.8

Table 2: SESLHD influenza confirmed cases by LGA of residence

LGA	Last 7 days	Last 14 days	Last 28 days	Last 7 days crude rate*
Bayside	13	40	95	7.4
Georges River	13	22	62	8.5
Randwick	11	28	79	8.1
Sutherland Shire	23	47	99	10
Sydney	3	11	32	4.2
Waverley	12	38	82	17.3
Woollahra	19	38	61	35.2
SESLHD	94	224	510	10.6

* Per 100,000 population based on estimated resident population 2021.

Figure 1: SESLHD COVID-19 cases 2024, by week of notification

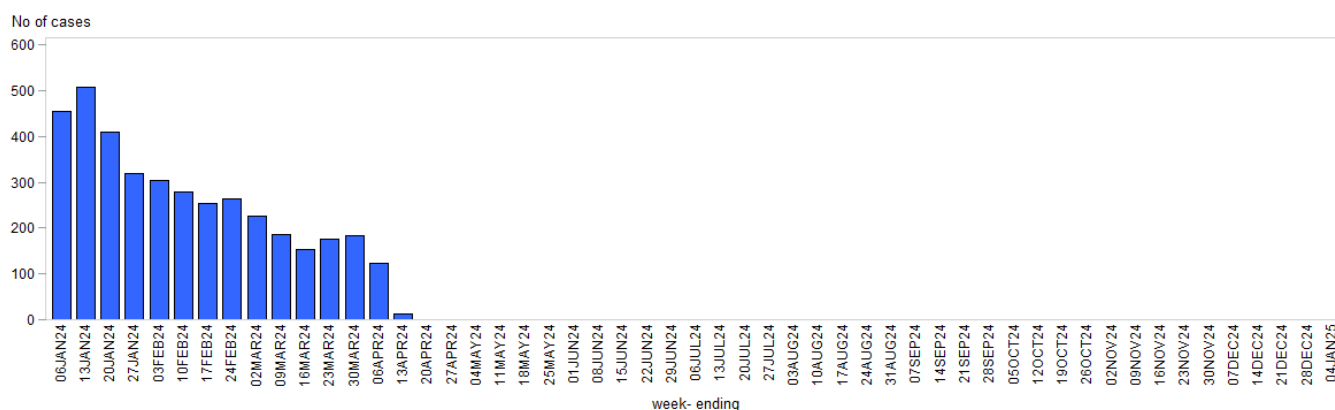


Figure 2: SESLHD influenza cases 2024 by subtype*

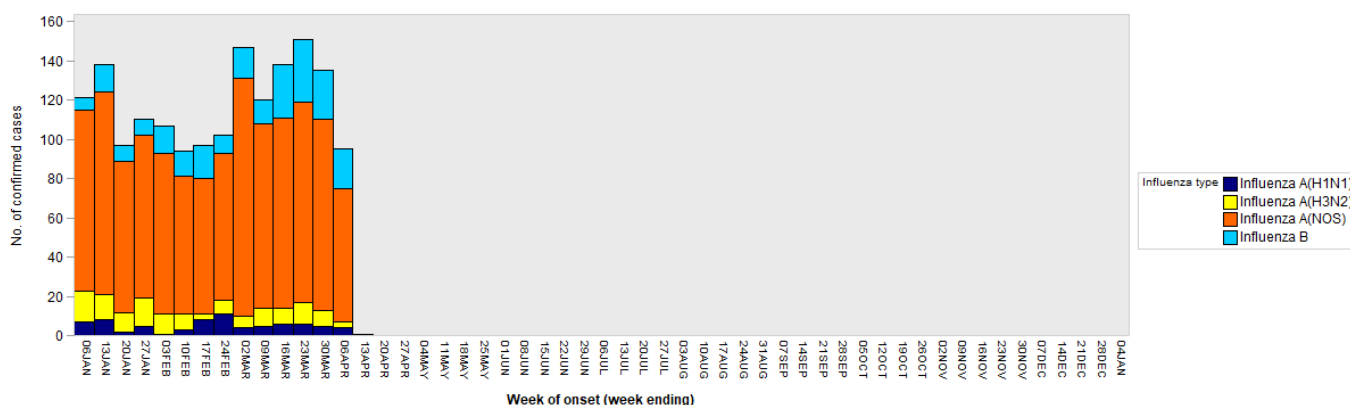
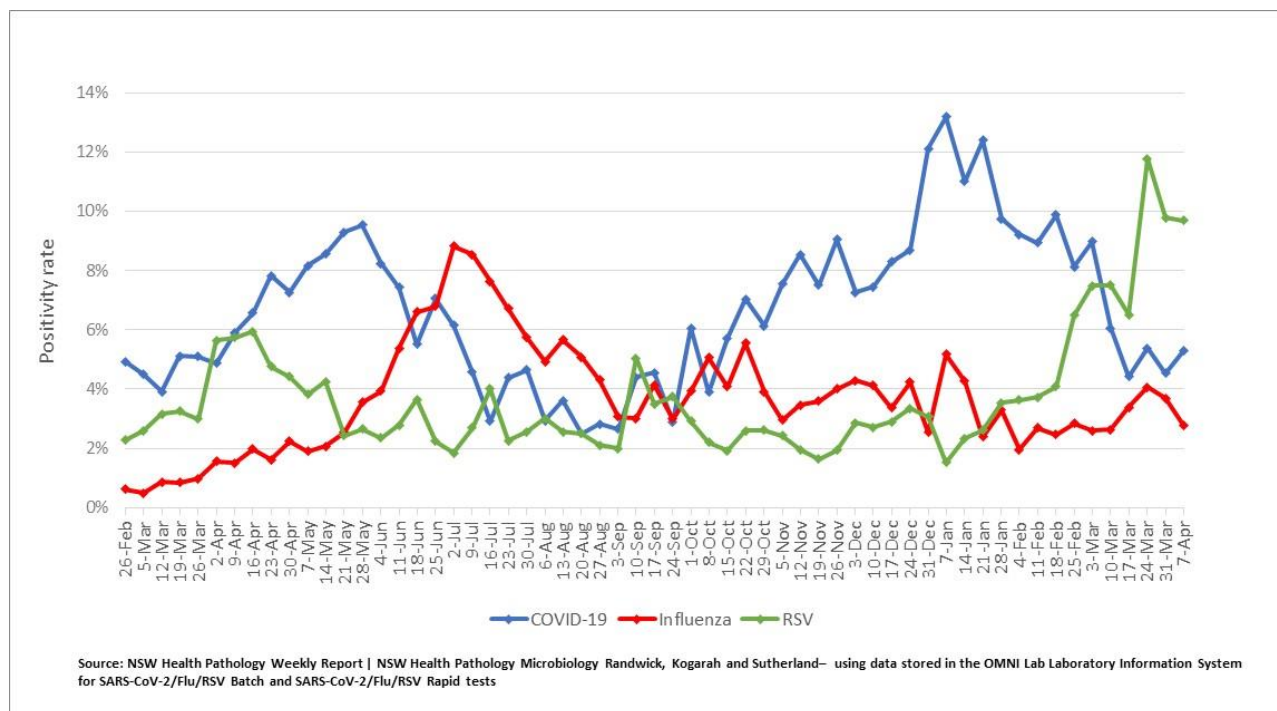


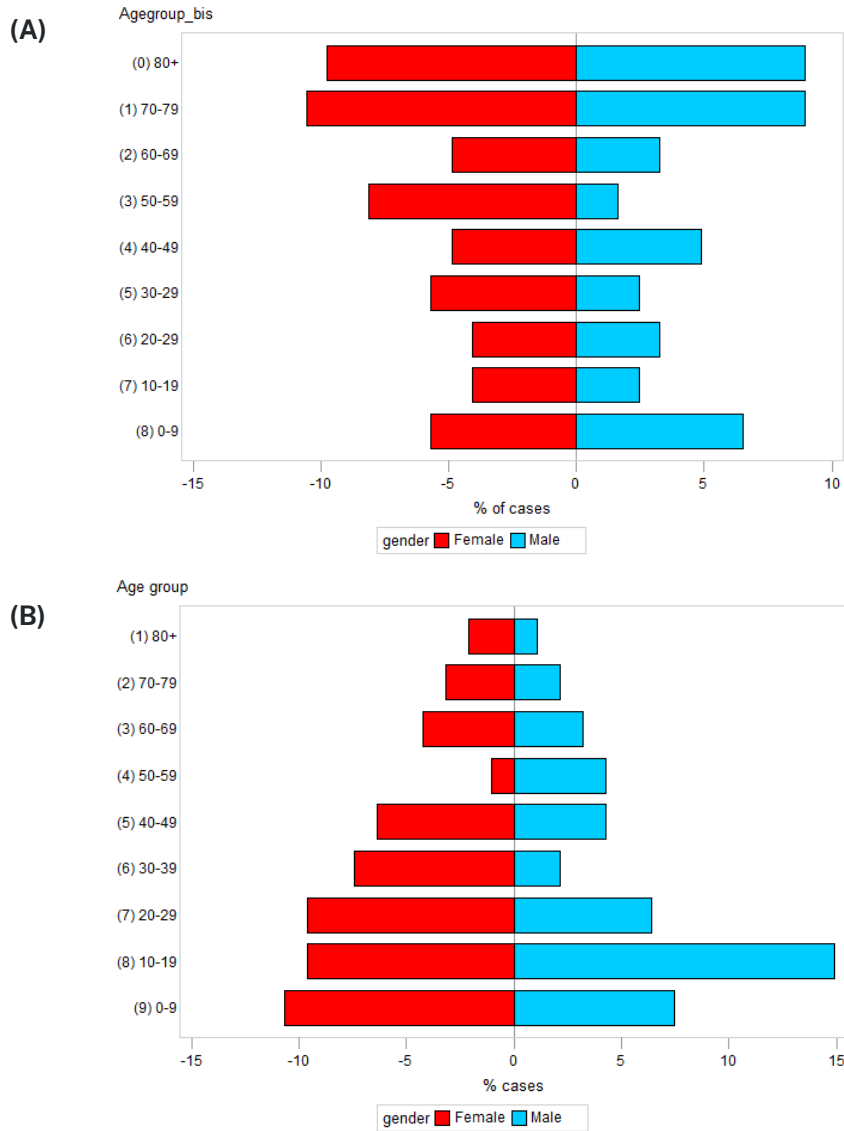
Figure 3: NSW Health Pathology respiratory PCR positivity rate by week, 26 February 2023 – 7 April 2024



* SESLHD SARS-CoV-2 PCR positivity is based on NSW Health Pathology testing data that mainly reflects patients presenting to District hospitals, including SCH

2. Demographic data

Figure 4: Percentage of (A) COVID and (B) influenza cases in the last 7 day by age group and gender



3. Residential facility outbreaks reported to SESLHD Public Health Unit

Figure 5: SESLHD aged care facility COVID-19 and flu/ILI exposures and outbreaks, 01 Jan 2023 to 7 April 2024

