

Acute Respiratory Infections Weekly Report

Week-ending 21 April 2024

Issued 22 April 2024

Key messages for local services

COVID-19

COVID-19 activity remains at low-moderate level. Laboratory notifications were similar to the previous week and were predominantly from older age groups. The positivity rate of PCR tests decreased slightly from 5.6% to 5.0%. ED presentations and admissions remained low, but the number of aged care outbreaks doubled.

Influenza

Influenza activity remains at low-moderate level. Laboratory notifications decreased slightly last week but remain above the usual inter-seasonal baseline. Notifications are predominantly from children and teens. Influenza A remains the predominant influenza strain detected. Influenza test positivity increased from 3.5% to 4.0%. ED presentations for influenza-like illness decreased slightly but remain at the top of the range seen at this time of year. Pneumonia and ILI admissions increased this week and remain above the range seen at this time of the year.

Respiratory syncytial virus

RSV PCR positivity was stable at 8.2% last week. Bronchiolitis ED presentations increased but remain within the range experienced at 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	37	57	115	21.0
Georges River	30	57	101	19.6
Randwick	12	36	85	8.9
Sutherland Shire	31	78	161	13.4
Sydney	12	20	47	16.8
Waverley	14	39	69	20.2
Woollahra	21	32	57	39.0
SESLHD	157	319	635	17.6

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	22	42	84	12.5
Georges River	23	47	73	15.1
Randwick	27	52	81	20
Sutherland Shire	40	71	120	17.3
Sydney	9	14	27	12.6
Waverley	18	52	92	25.9
Woollahra	8	38	77	14.8
SESLHD	147	316	554	16.5

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

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

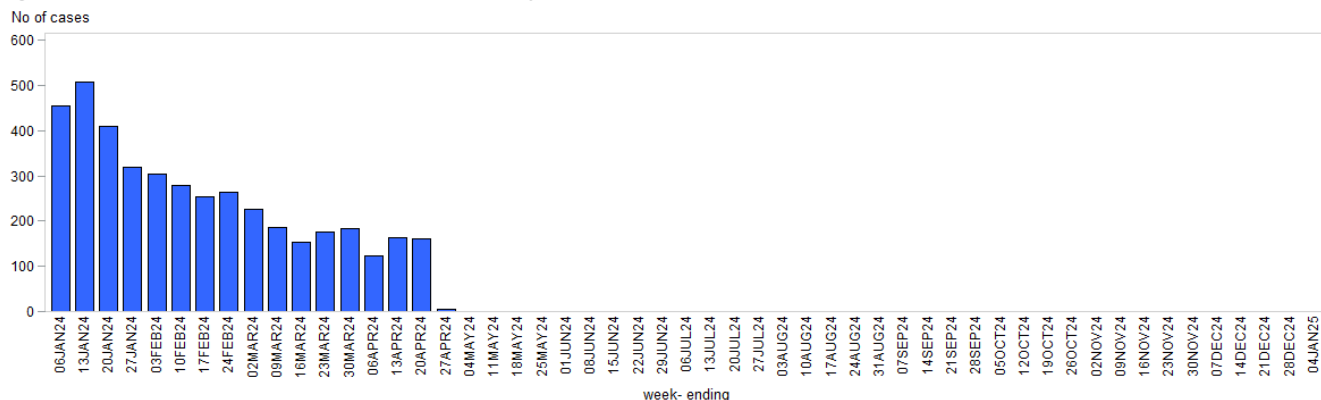


Figure 2: SESLHD influenza cases 2024 by subtype

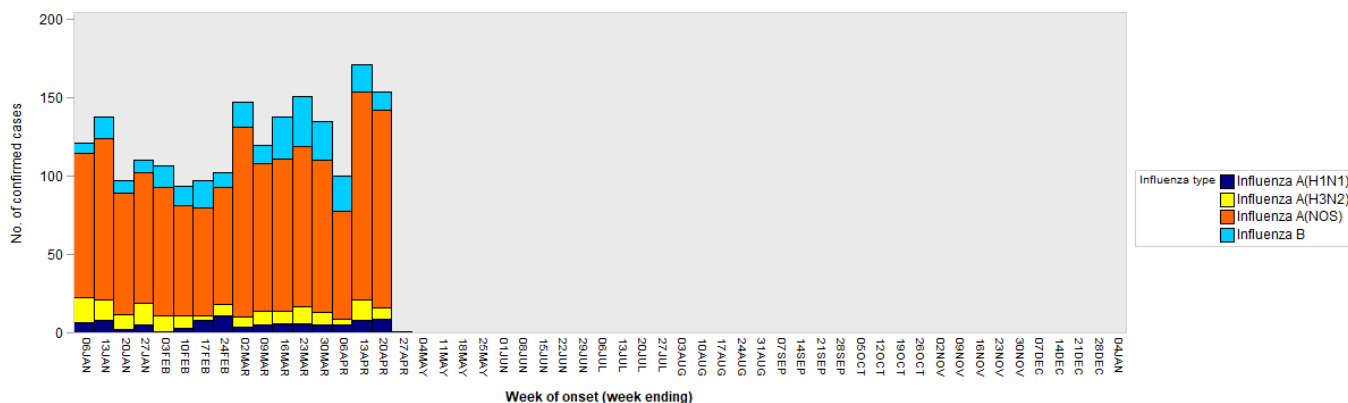
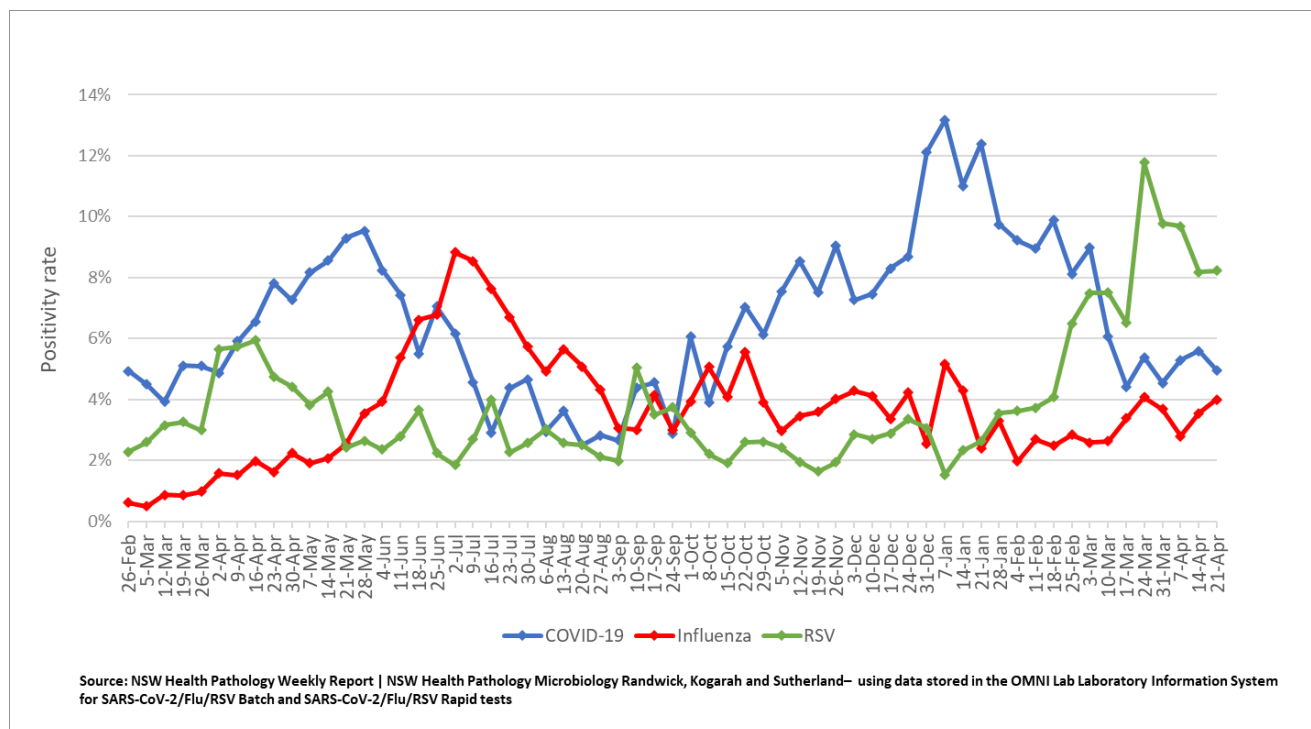


Figure 3: NSW Health Pathology respiratory PCR positivity rate* by week, 26 February 2023 – 21 April 2024

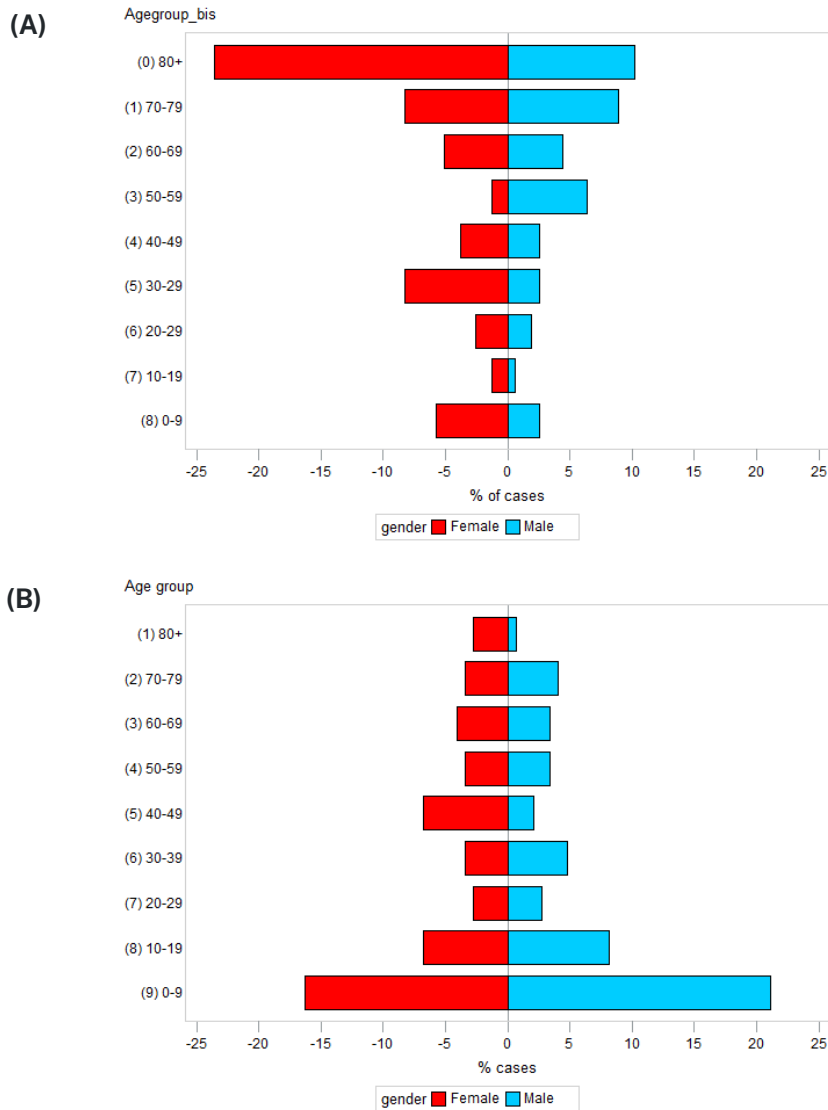


Source: NSW Health Pathology Weekly Report | NSW Health Pathology Microbiology Randwick, Kogarah and Sutherland— using data stored in the OMNI Lab Laboratory Information System for SARS-CoV-2/Flu/RSV Batch and SARS-CoV-2/Flu/RSV Rapid tests

* SESLHD 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, 1 Jan 2023 to 21 April 2024

