

Acute Respiratory Infections Weekly Report  
Week-ending 28 April 2024

Issued 29 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. Those over 80 years of age continue to have the most notifications, but otherwise notifications are spread fairly evenly across age groups. The positivity rate of PCR tests increased slightly from 5.0% to 5.6%. ED presentations and admissions remained low, and the number of aged care outbreaks stable.

**Influenza**

Influenza activity is at a low level. Laboratory notifications decreased last week and are now within the usual inter-seasonal baseline. Notifications are predominantly from children and teens. Influenza A remains the predominant influenza strain detected. Influenza test positivity was stable at 3.9%. ED presentations for influenza-like illness continued to decrease and are now at the lower end of the range seen at this time of year. Pneumonia and ILI admissions also decreased this week but remain above the range seen at this time of the year, but are probably mainly due to non-influenza infections.

**Respiratory syncytial virus**

RSV PCR positivity decreased from 8.2% to 7.3% last week. Bronchiolitis ED presentations also decreased and 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**

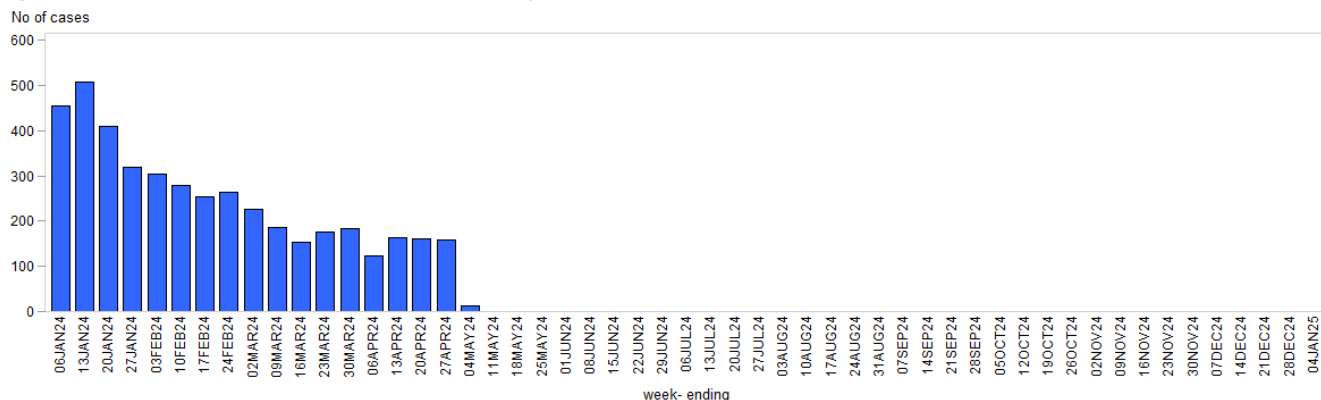
LGA	Last 7 days	Last 14 days	Last 28 days	Last 7 days crude rate*
Bayside	21	58	94	11.9
Georges River	23	53	100	15.1
Randwick	17	29	76	12.6
Sutherland Shire	46	77	160	19.9
Sydney	9	21	40	12.6
Waverley	22	36	77	31.7
Woollahra	27	48	71	50.1
<b>SESLHD</b>	<b>165</b>	<b>322</b>	<b>618</b>	<b>18.6</b>

**Table 2: SESLHD influenza confirmed cases by LGA of residence**

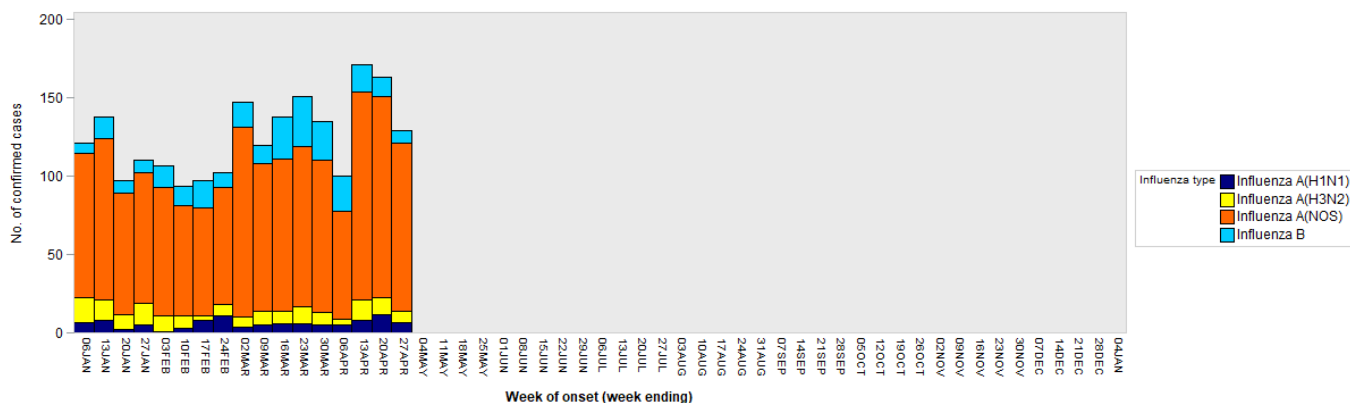
LGA	Last 7 days	Last 14 days	Last 28 days	Last 7 days crude rate*
Bayside	26	48	83	14.8
Georges River	23	53	94	15.1
Randwick	7	37	74	5.2
Sutherland Shire	42	86	142	18.2
Sydney	9	19	29	12.6
Waverley	9	29	77	13
Woollahra	4	12	62	7.4
<b>SESLHD</b>	<b>120</b>	<b>284</b>	<b>561</b>	<b>13.5</b>

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

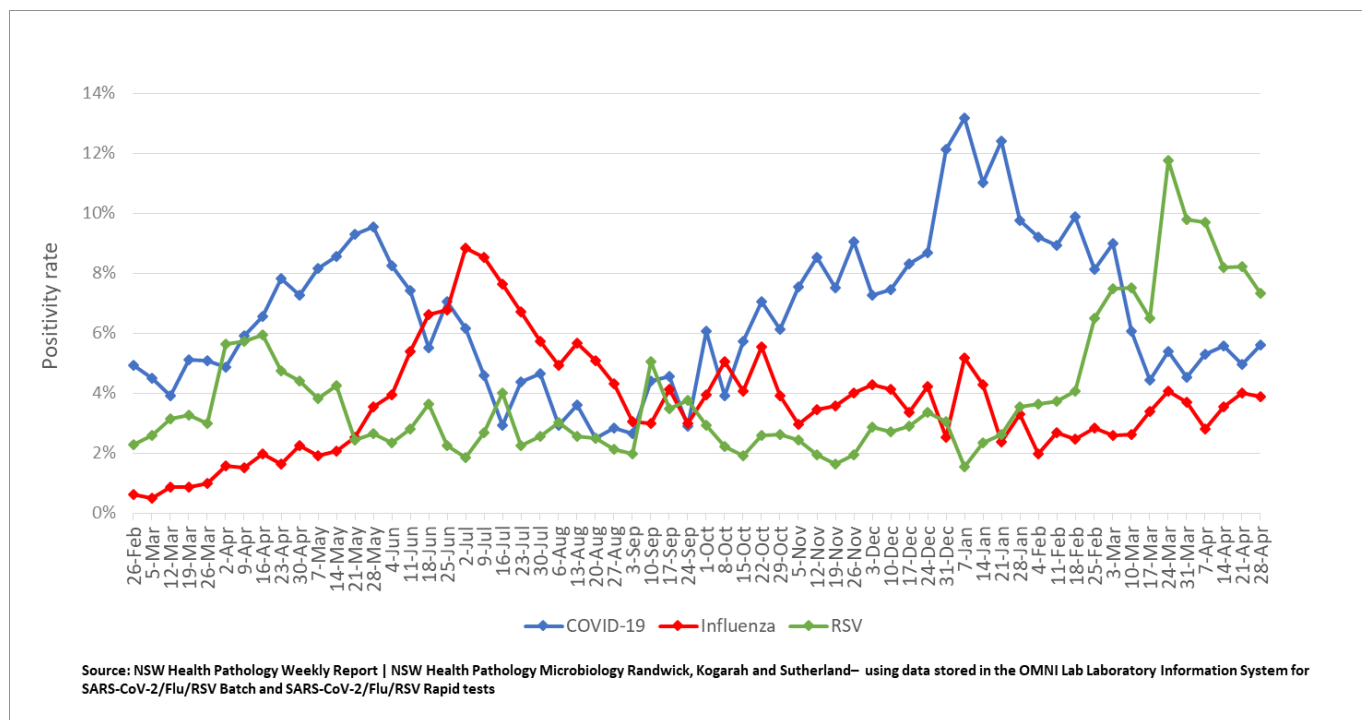
**Figure 1: SESLHD COVID-19 cases 2024, by week of notification**



**Figure 2: SESLHD influenza cases 2024 by subtype**



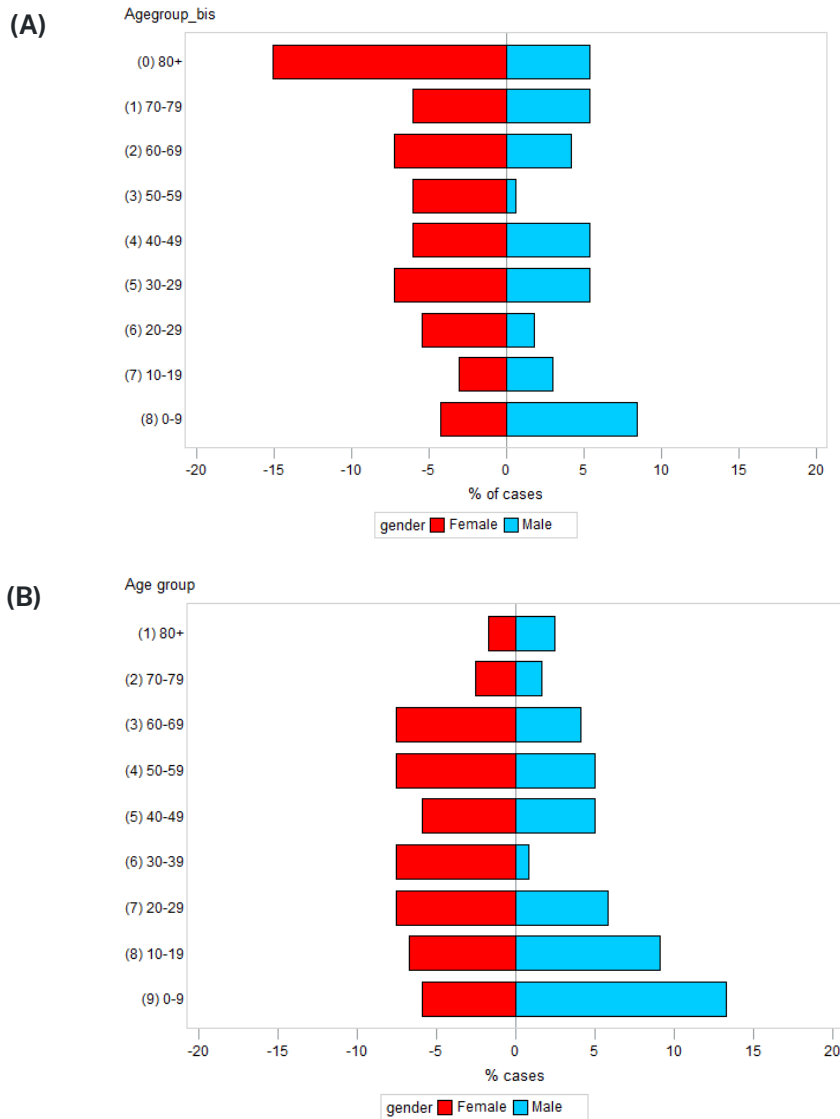
**Figure 3: NSW Health Pathology respiratory PCR positivity rate\* by week, 26 February 2023 – 28 April 2024**



\* 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 29 April 2024

