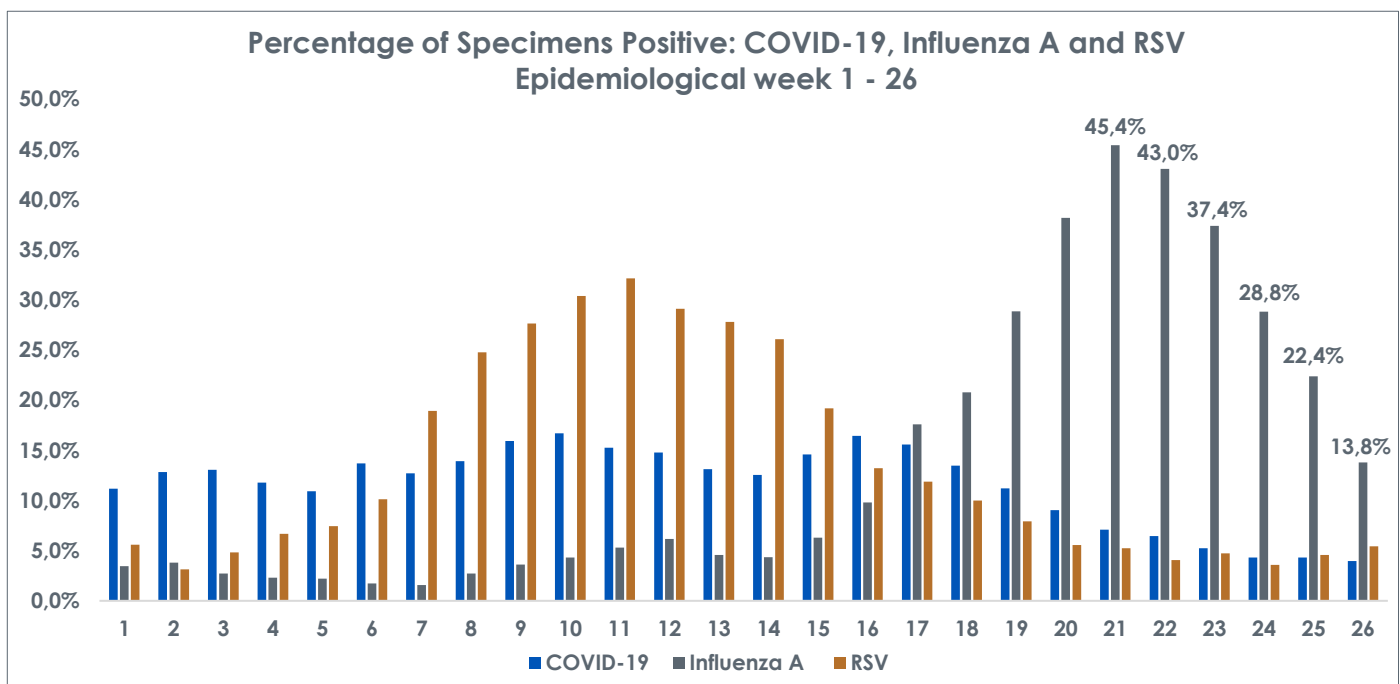
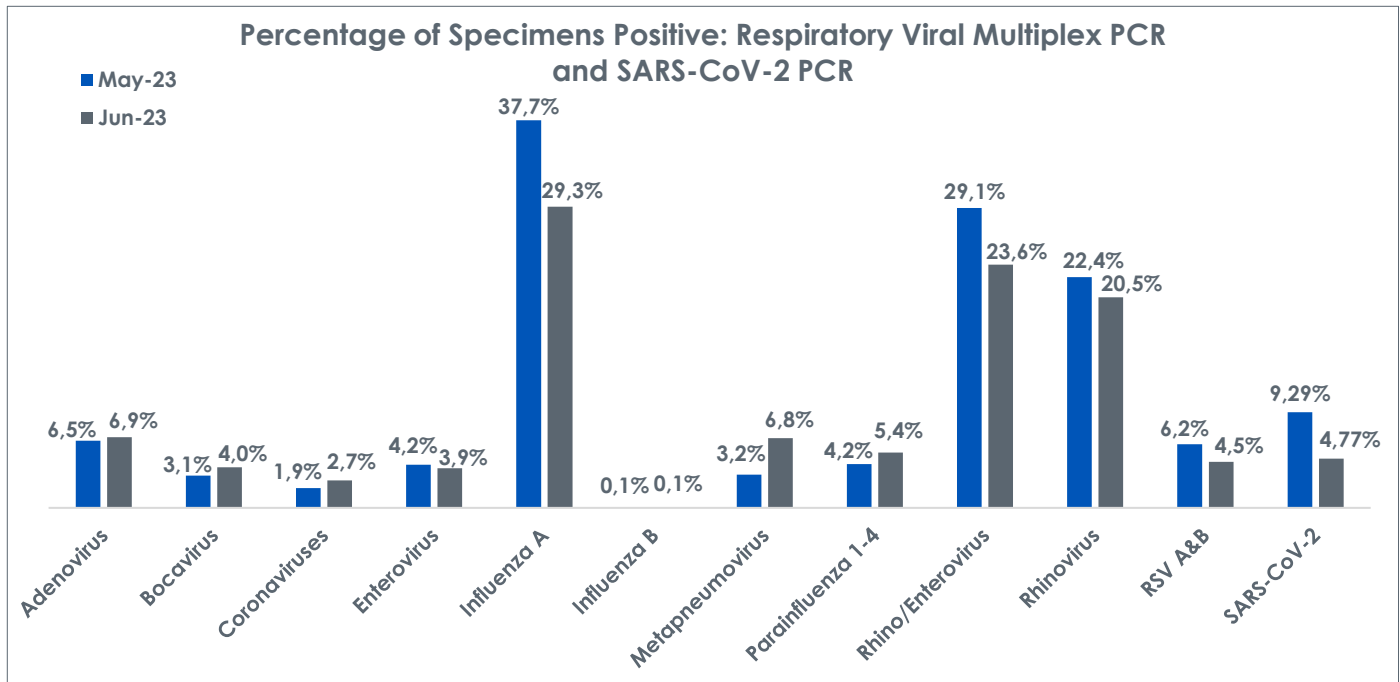


# RESPIRATORY VIRUS STATISTICS

## May/June 2023



### Comments

- The most frequently detected viruses across all age groups during June were: influenza A (29.3%), rhino/enterovirus (23.6%) and rhinovirus (20.5%).
- Epidemiological week 1 – 26:
  - COVID-19: during the last 4 weeks the number of specimens that tested positive has remained stable, with only 4% of specimens testing positive during week 26.
  - RSV A&B: during the last 4 weeks the number of specimens that tested positive has remained stable, with only 5.4% of specimens testing positive during week 26.
  - Influenza A: a decrease in the percentage positive specimens is noted from week 22 onwards, with 13.8% of specimens testing positive in week 26.

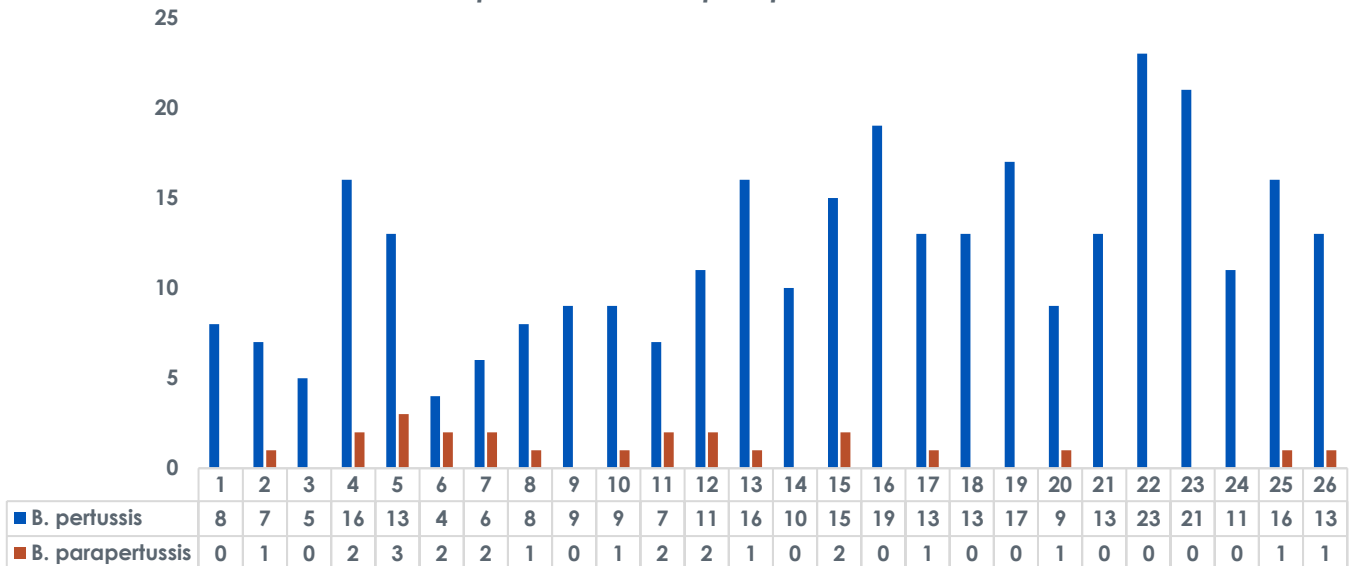
# RESPIRATORY VIRUS STATISTICS

May/June 2023



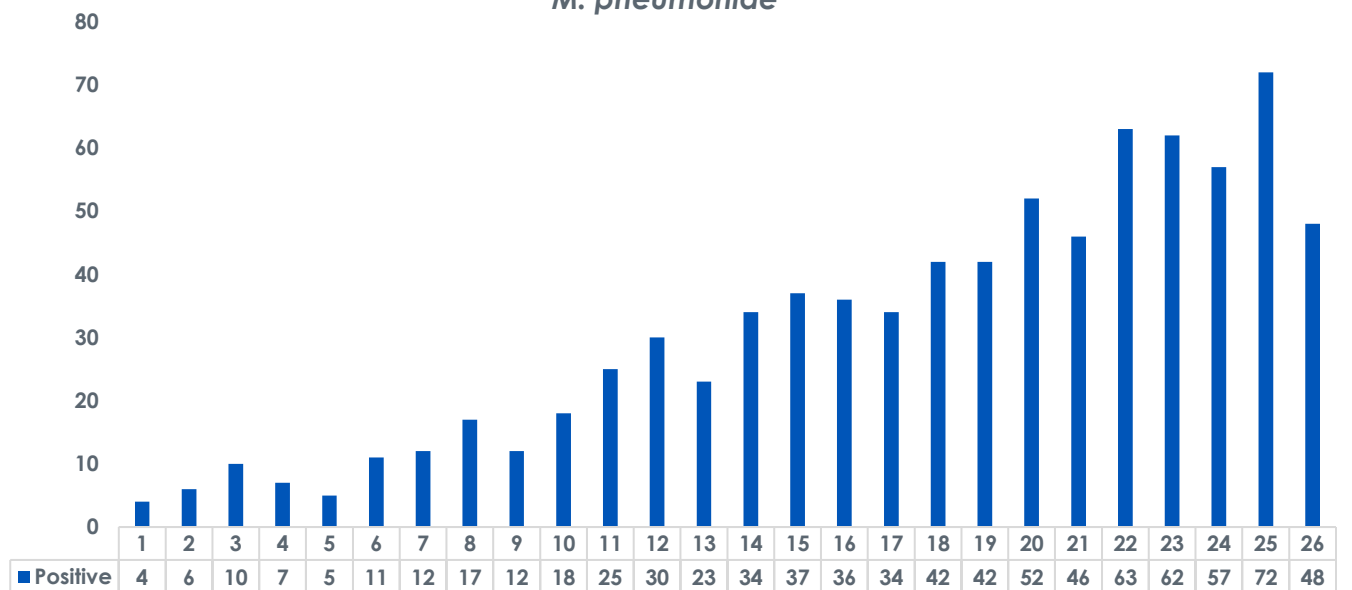
Cases per Epidemiological week 1 - 26

*B. pertussis* and *B. parapertussis*



Cases per Epidemiological week 1 - 26

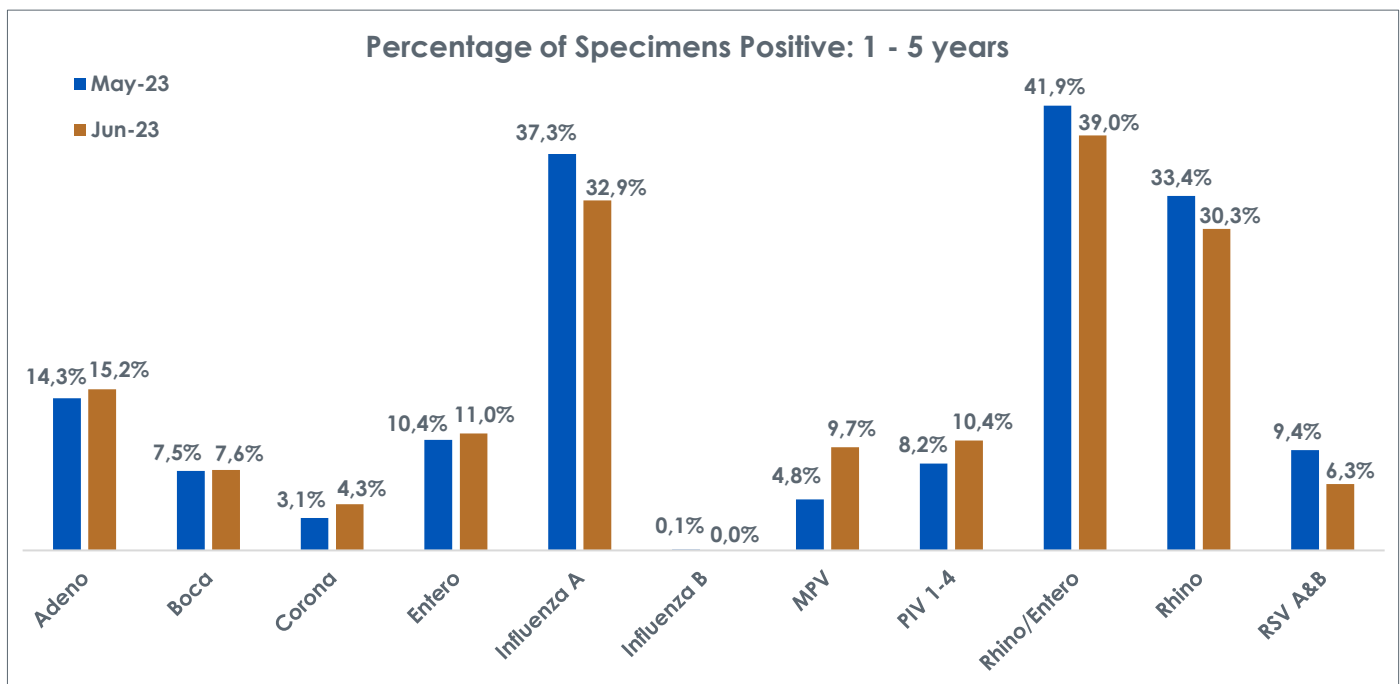
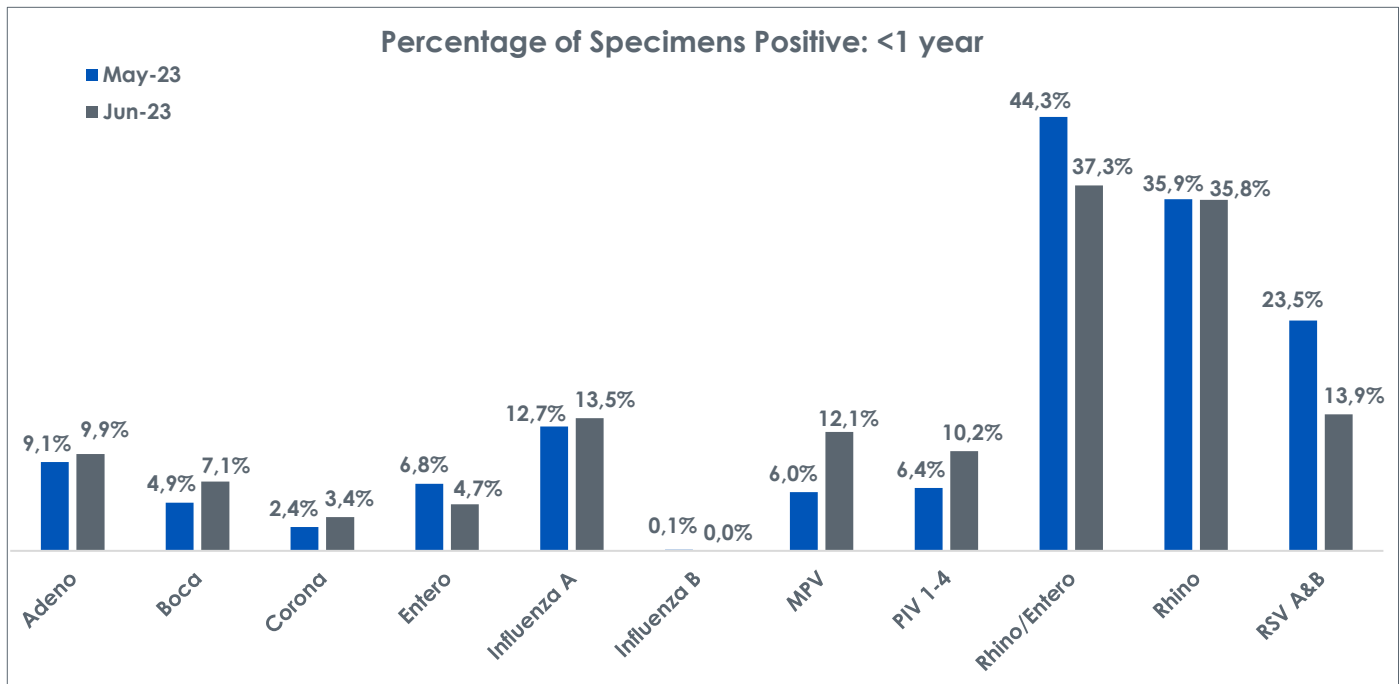
*M. pneumoniae*

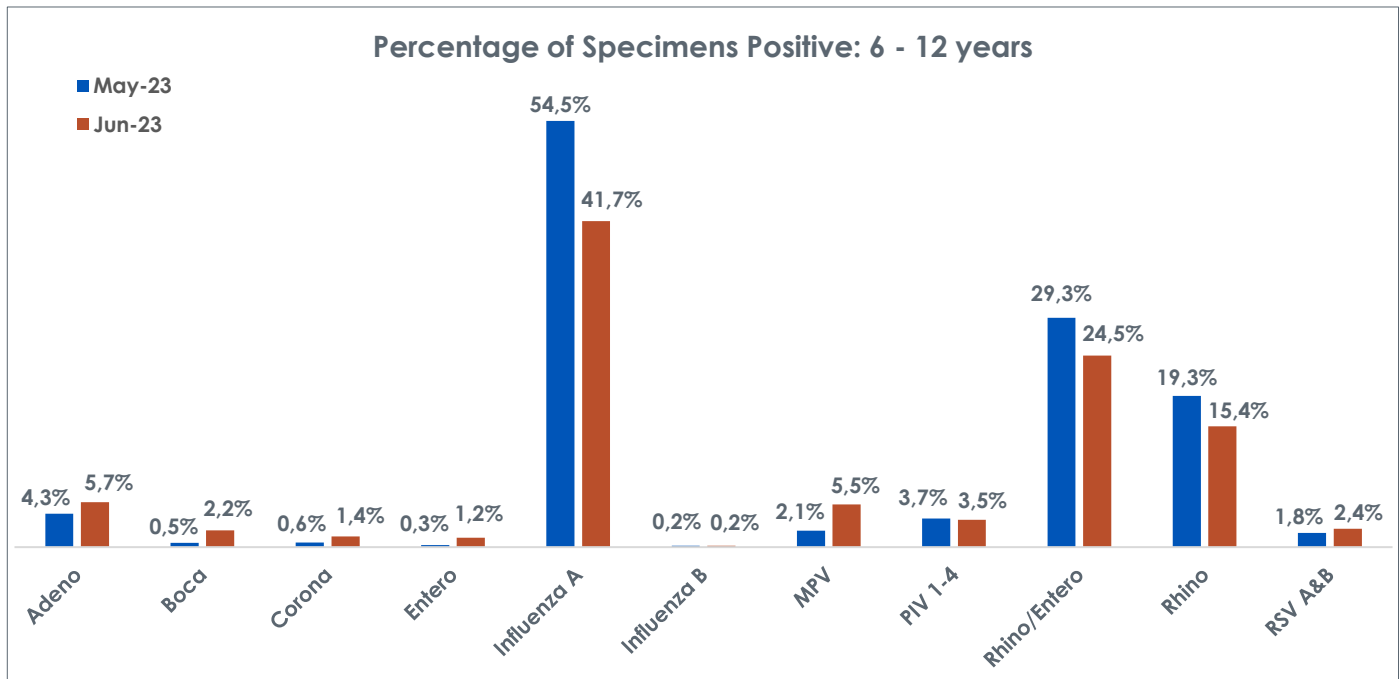


## Comments

- A total of 312 cases of *B. pertussis* were recorded for epidemiological week 1 - 26 compared to only 23 cases of *B. parapertussis*.
  - Most *B. pertussis* cases were detected in the 0 - 6 month age group (25%) followed by the 6 - 12 year old age group (22%) and 1 - 5 year old age group (21%).
  - 21% of cases were detected in patients >18 years.
- A total of 805 cases of *M. pneumoniae* were recorded for epidemiological week 1 - 26, with the number of cases peaking in week 25 with 72 recorded cases.
  - Most cases were recorded in the 1 - 5 year old age group (41%) followed by the 6 - 12 year age group (28%) and 19 - 64 year old age group (14%).

## Paediatric Respiratory Viral Multiplex PCR data: 0 – 12 years





### Comments

The following viruses were most frequently detected per age group during June:

- <1 year: rhino/enterovirus (37.3%), rhinovirus (35.8%), RSV (13.9%) and influenza A virus (13.5%).
- 1 - 5 years: rhino/enterovirus (39%), influenza A (32.9%) and rhinovirus (30.3%).
- 6 - 12 years: influenza A (41.7%), rhino/enterovirus (24.5%) and rhinovirus (15.4%).
- RSV positive specimens remained significantly higher in the <1 year age group (13.9%) compared to that of the 1 - 5 year old (6.3%) and 6 - 12 year old (2.4%) age groups.
- The positivity rate for influenza A remains high in the 1 - 5 year old (32.9%) and the 6 - 12 year old (41.7%) age groups.
- A slight increase in influenza A positivity rate was observed in the <1 year old age group during the month of June.