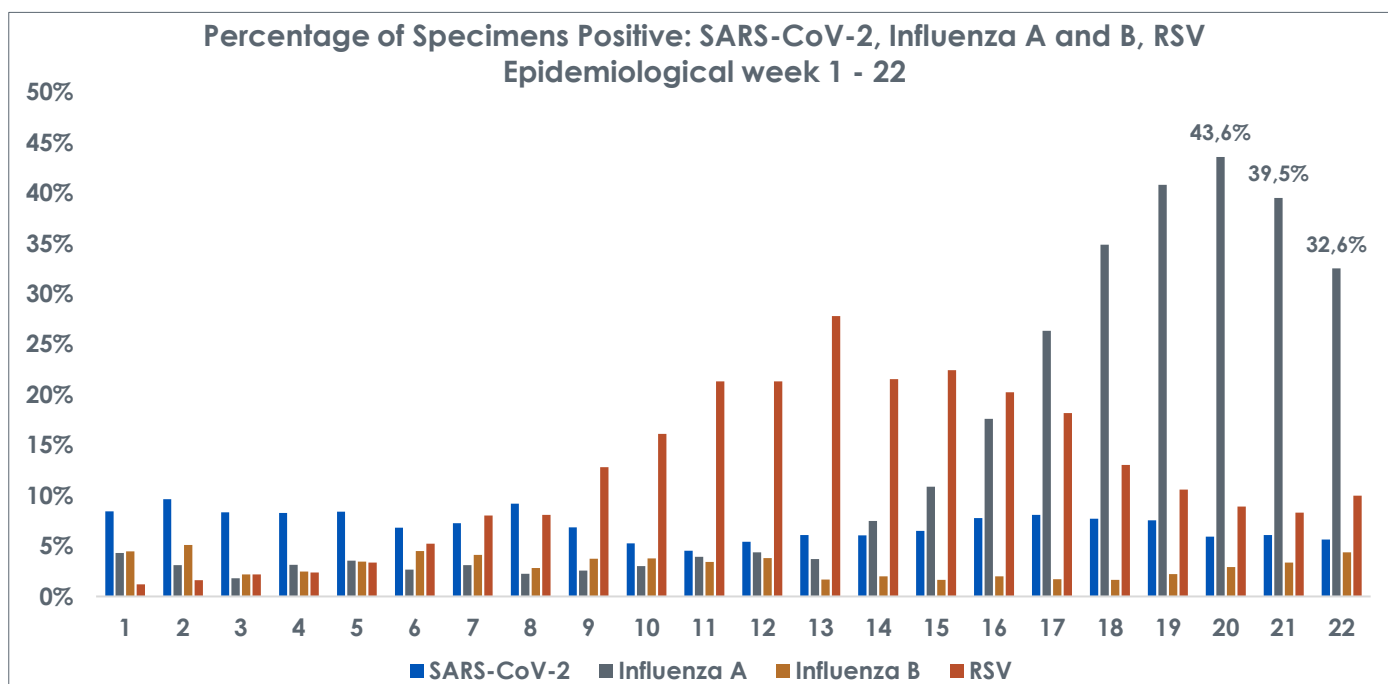
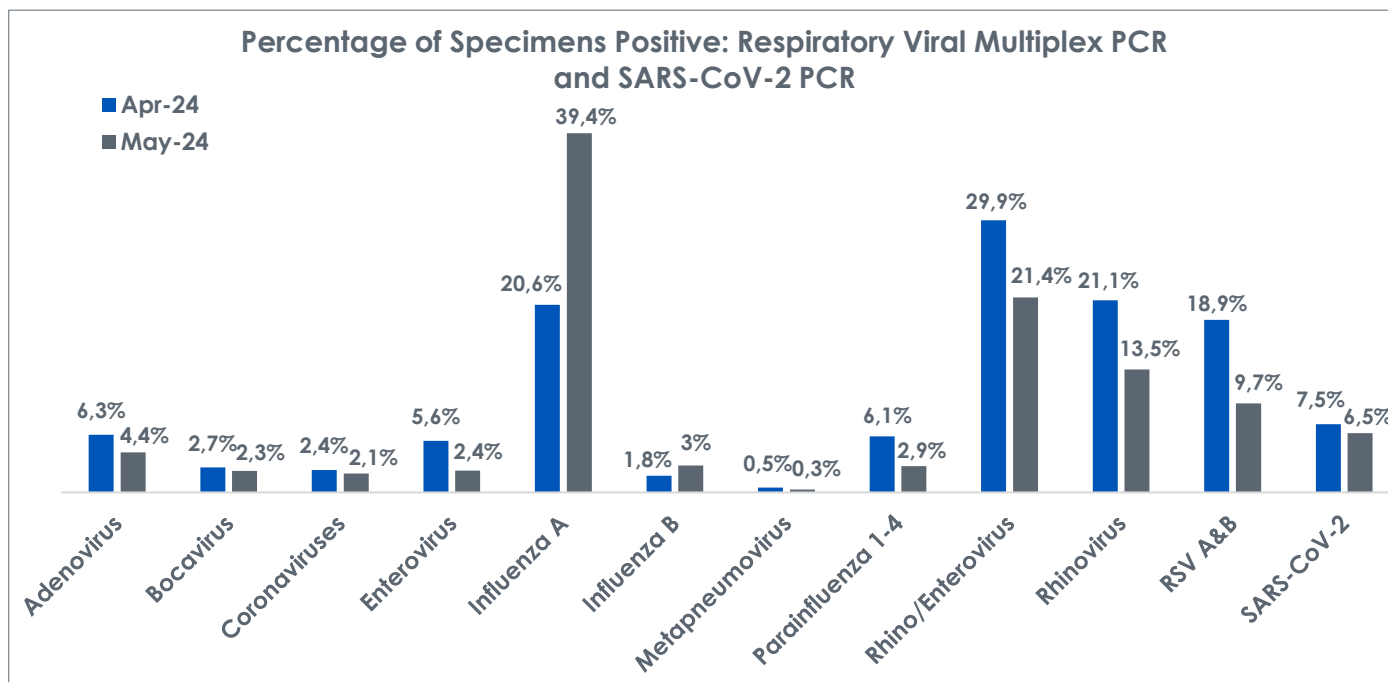


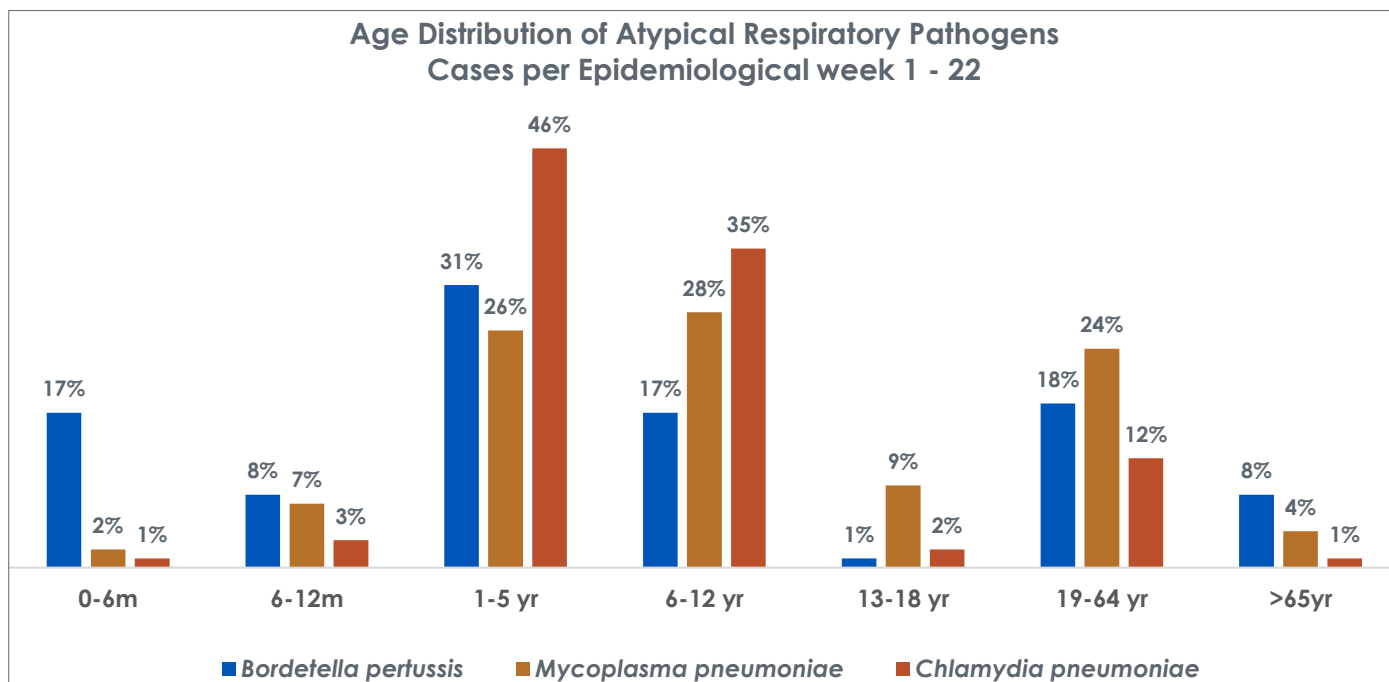
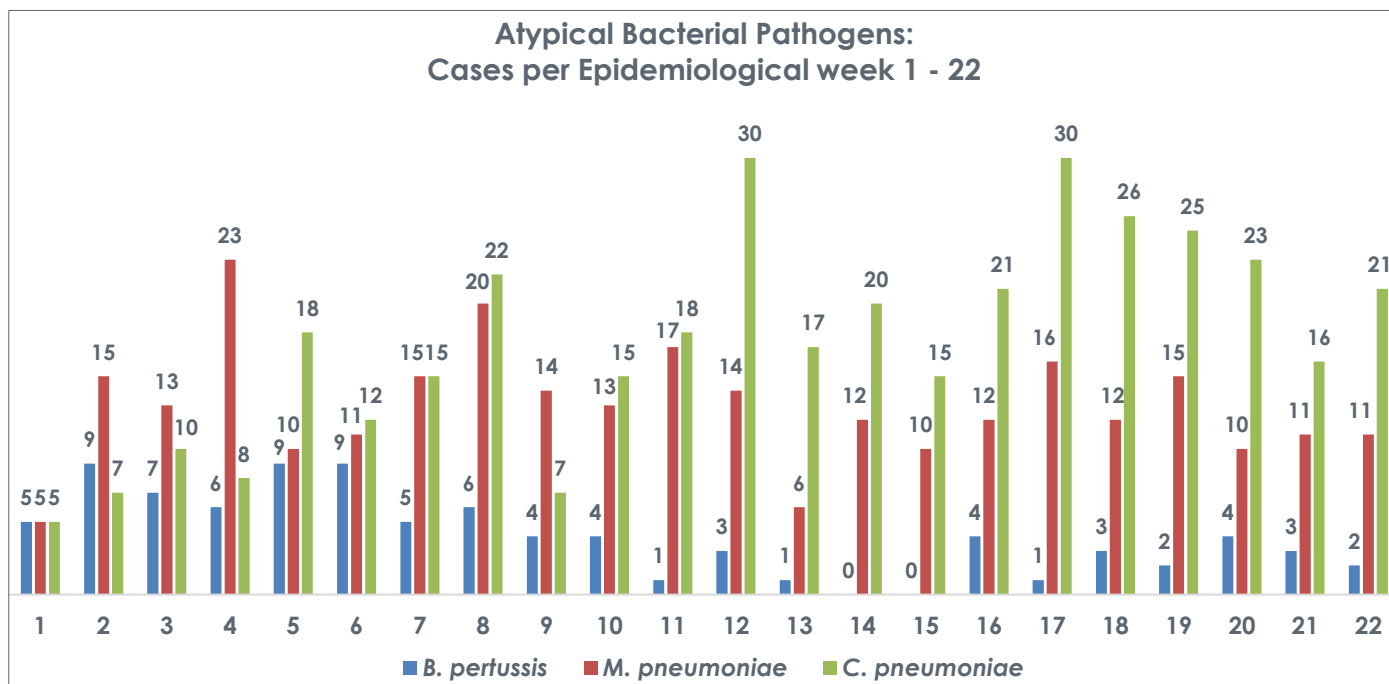
Respiratory Virus Multiplex PCR and SARS-CoV-2 PCR data: All age groups



Comments

- The most frequently detected viruses across all age groups during May 2024 were: influenza A (39.4%), rhino/enterovirus (21.4%), rhinovirus (13.5%) and RSV (9.7%).
- Epidemiological week 1 - 22:
 - SARS-CoV-2: during the last 4 weeks the number of specimens that tested positive has remained stable.
 - Influenza: the number of specimens testing positive for influenza A peaked during week 20, with 43.6% of specimens testing positive. The majority of specimens where sub-typing was available were identified as influenza A H1N1 2009 (82%), followed by influenza B (17%).
 - The number of specimens testing positive for RSV peaked during week 13, with 27.8% of specimens testing positive. The positivity rate declined to 10% during week 22.

Atypical Bacterial Pathogens: *Bordetella pertussis*, *Mycoplasma pneumoniae*, *Chlamydia pneumoniae* and *Legionella pneumophila*



Comments

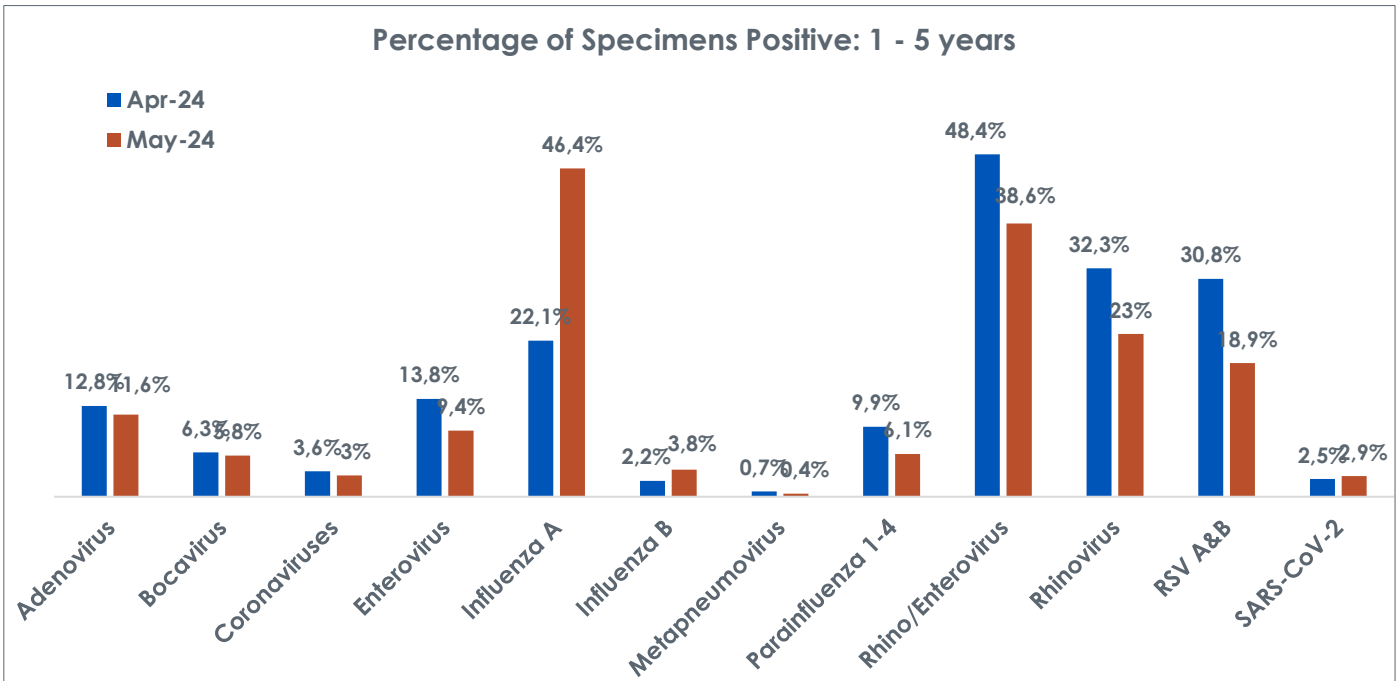
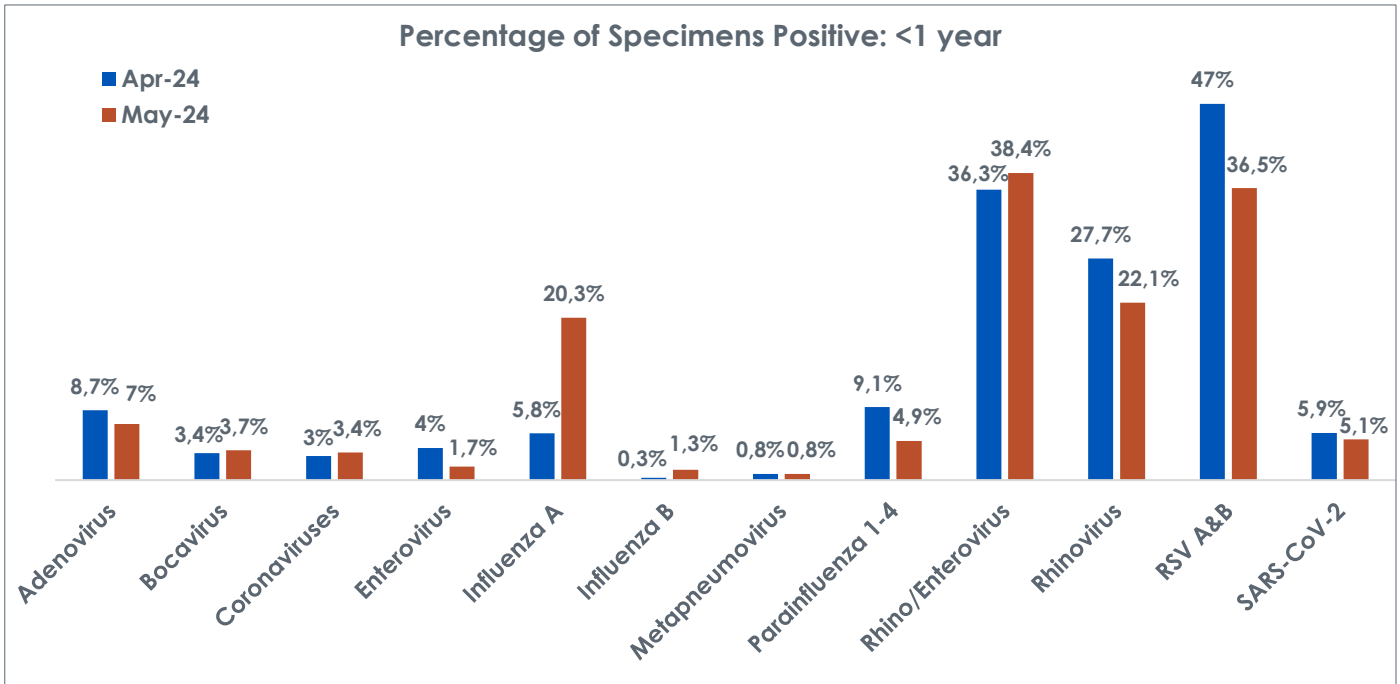
- *Bordetella pertussis*, *Mycoplasma pneumoniae* and *Chlamydia pneumoniae* continue to circulate at low levels. Three cases of *Legionella pneumophila* pneumonia was detected by PCR testing during May 2024.
- In paediatric patients most *B. pertussis* cases were detected in the 1 - 5 year (31%) age group. Twenty seven percent of cases were detected in patients >18 years and 17% in patients <6 months old.
- For both *Mycoplasma pneumoniae* and *Chlamydia pneumoniae* the majority of cases were detected in the 1 - 12 year age group.

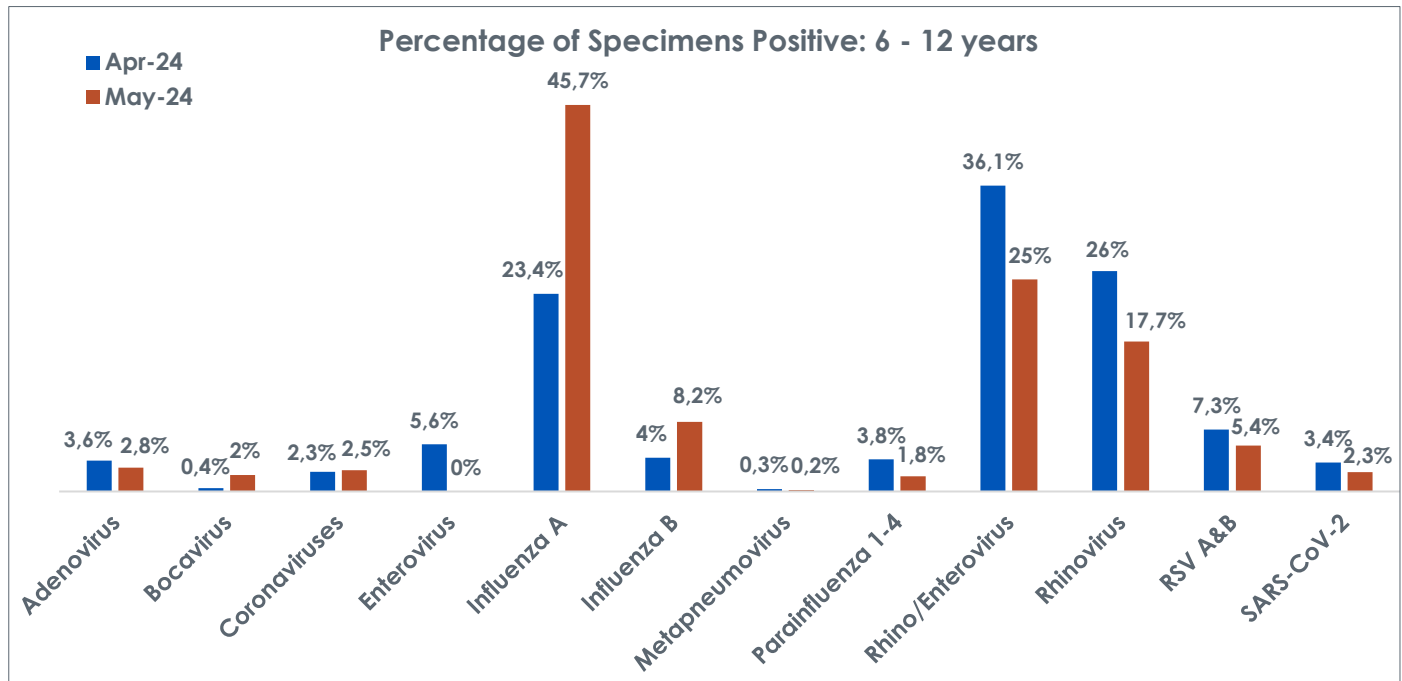
RESPIRATORY VIRUS STATISTICS

April/May 2024



Paediatric Respiratory Viral Multiplex PCR data: 0 – 12 years





Comments

- The most frequently detected viruses, per age group, during May 2024 were:
 - <1 year: a significant increase in influenza A positivity rate was noted in this age group (5.8% in April to 20.3% in May). RSV continues to circulate at high levels (36.5%).
 - 1 - 5 years: influenza A was the predominant virus detected in this age group with a positivity rate of 46.4%.
 - 6 - 12 years: influenza A was the predominant virus detected in this age group during May with a positivity rate of 45.7%.