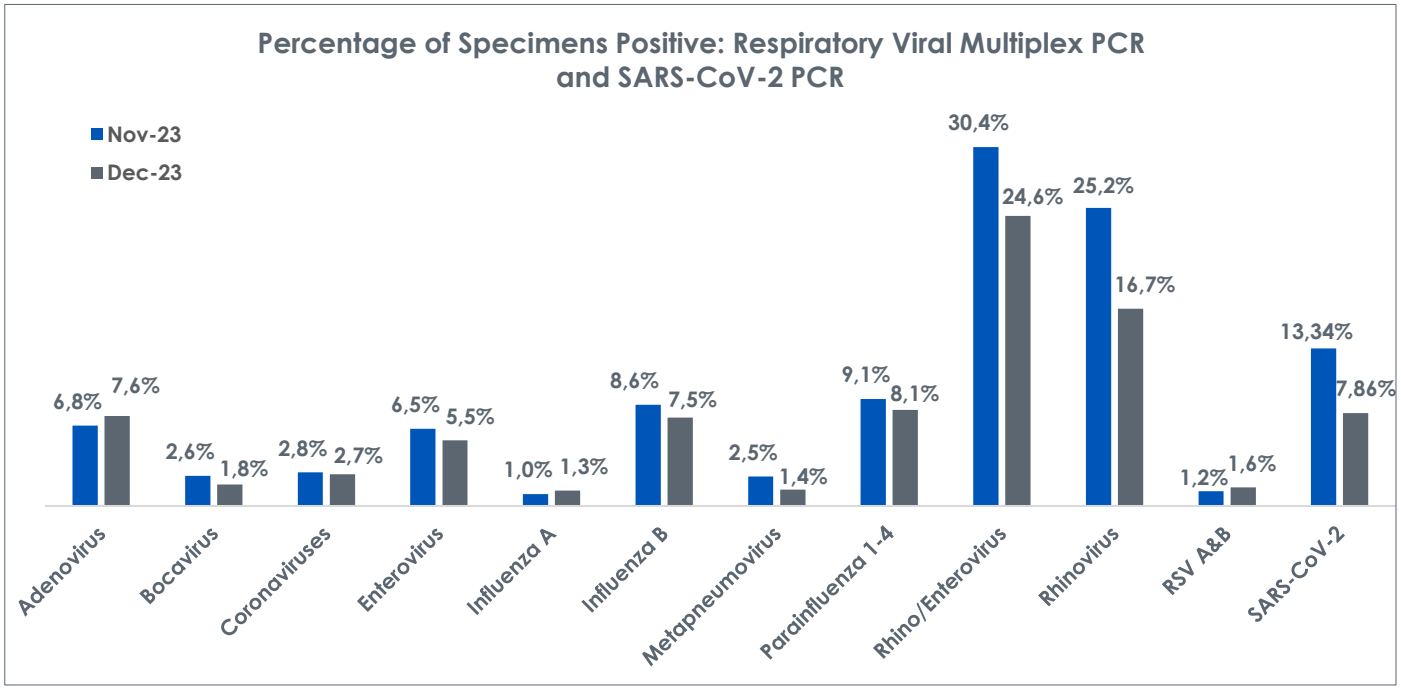
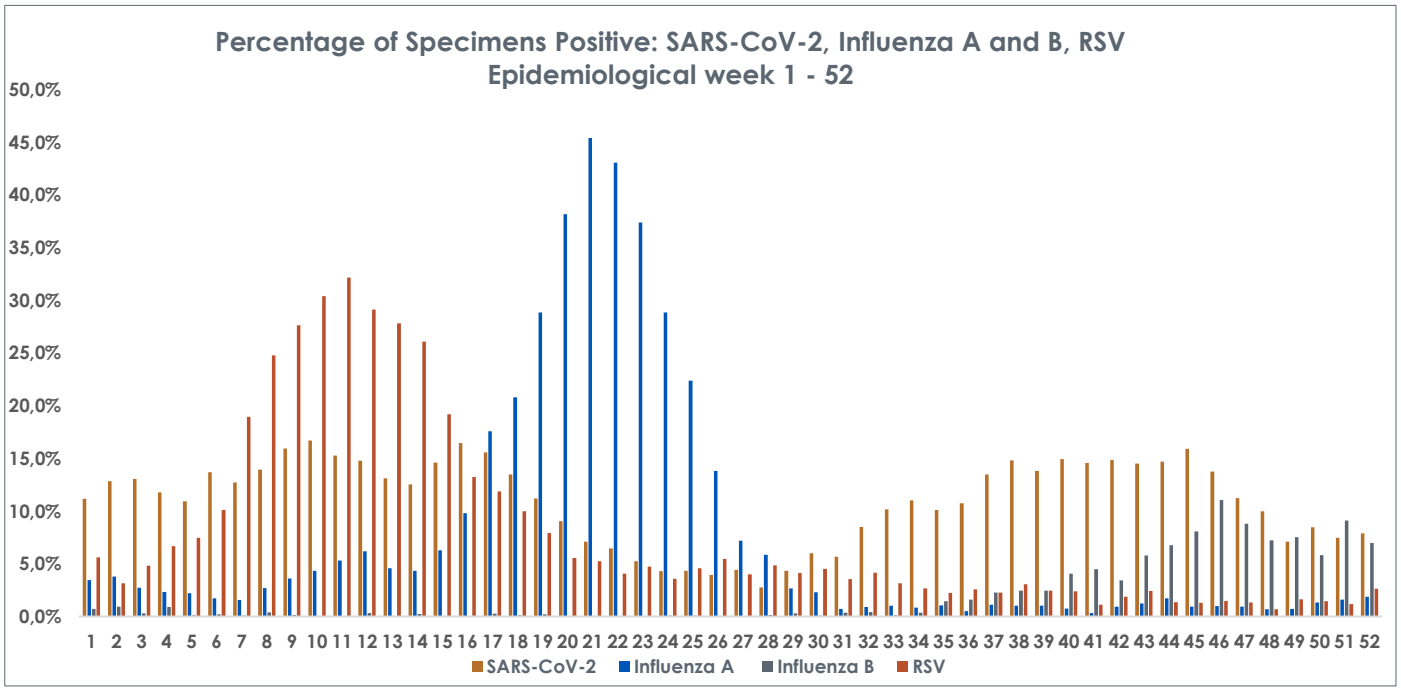
RESPIRATORY VIRUS STATISTICS
November/December 2023





Comments

- The most frequently detected viruses across all age groups during December were: rhino/enterovirus (24.6%), rhinovirus (16.7%), parainfluenza virus 1-4 (8.1%) and SARS-CoV-2 (7.86%).
- Epidemiological week 1 – 52:
  - SARS-CoV-2: during the last 4 weeks the number of positive specimens has remained stable with 7.9% of specimens testing positive during week 52.
  - Influenza: the percentage of positive influenza A specimens remain low, however an increase in specimens testing positive was noted during weeks 50 - 52, with 1.9% of specimens testing positive in week 52 vs 0.7% in week 49. The positivity rate of influenza B peaked during week 46 at 11.1% and has subsequently decreased to 7% of specimens submitted testing positive for influenza B during week 52.

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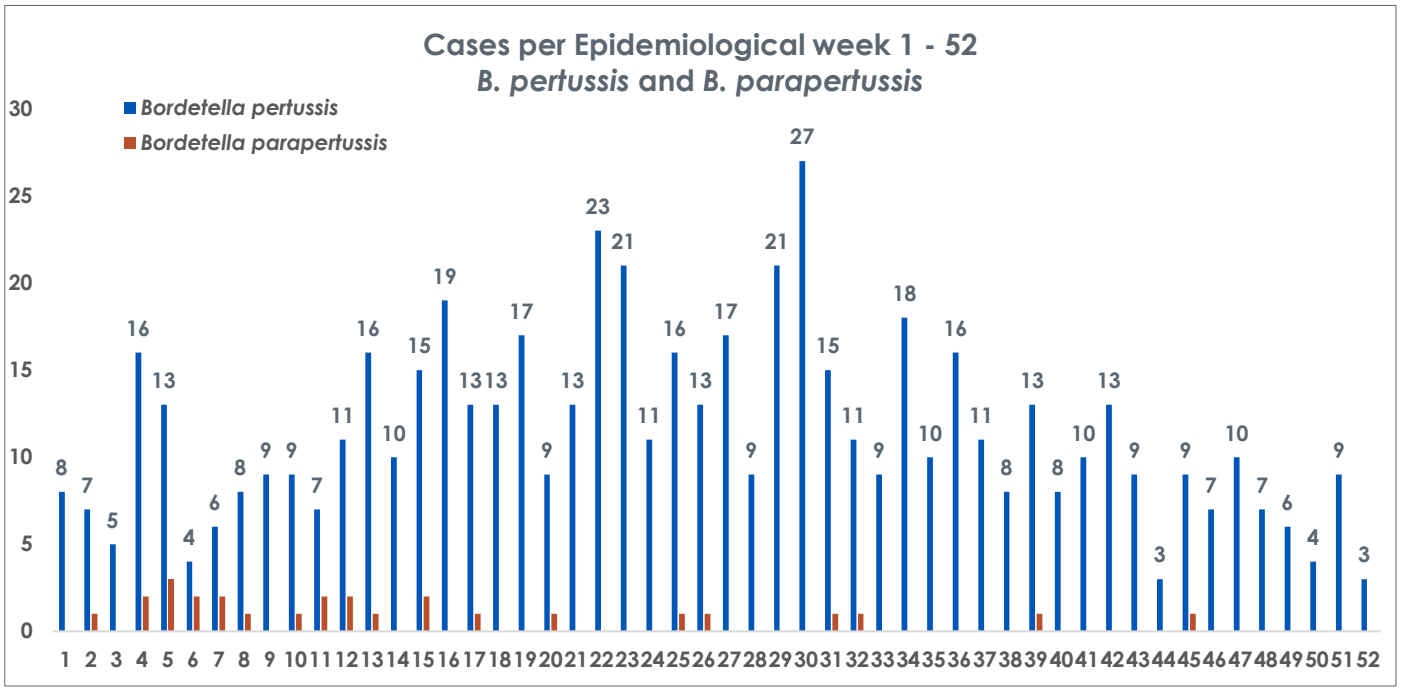

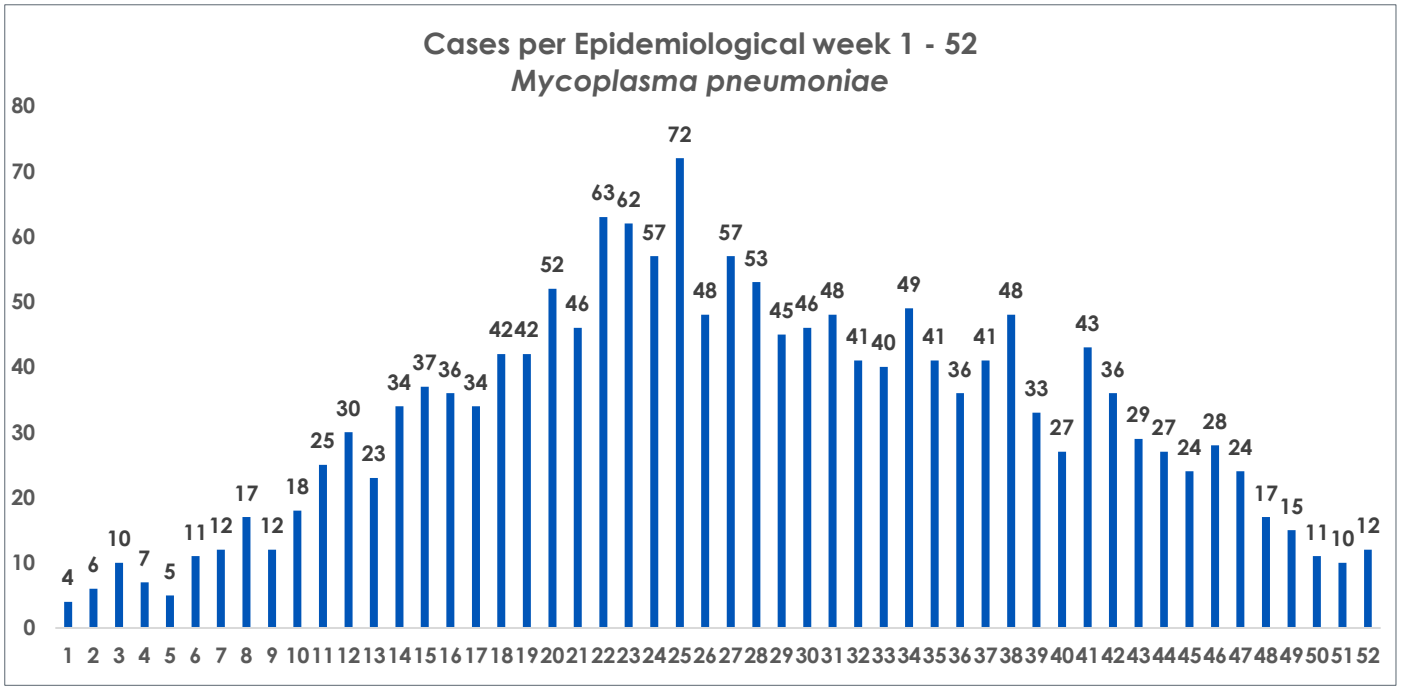

Comments

- A total of 601 cases of *B. pertussis* were recorded for epidemiological week 1 - 52.
  - Most *B. pertussis* cases were detected in the 0 - 6 month age group (25%), followed by the 6 - 12 year old age group (23%) and 1 - 5 year old age group (19.5%).
  - 23% of cases were detected in patients >18 years.
- A total of 1683 cases of *M. pneumoniae* were recorded for epidemiological week 1 - 52, 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 (38%), followed by the 6 - 12 year age group (29%).

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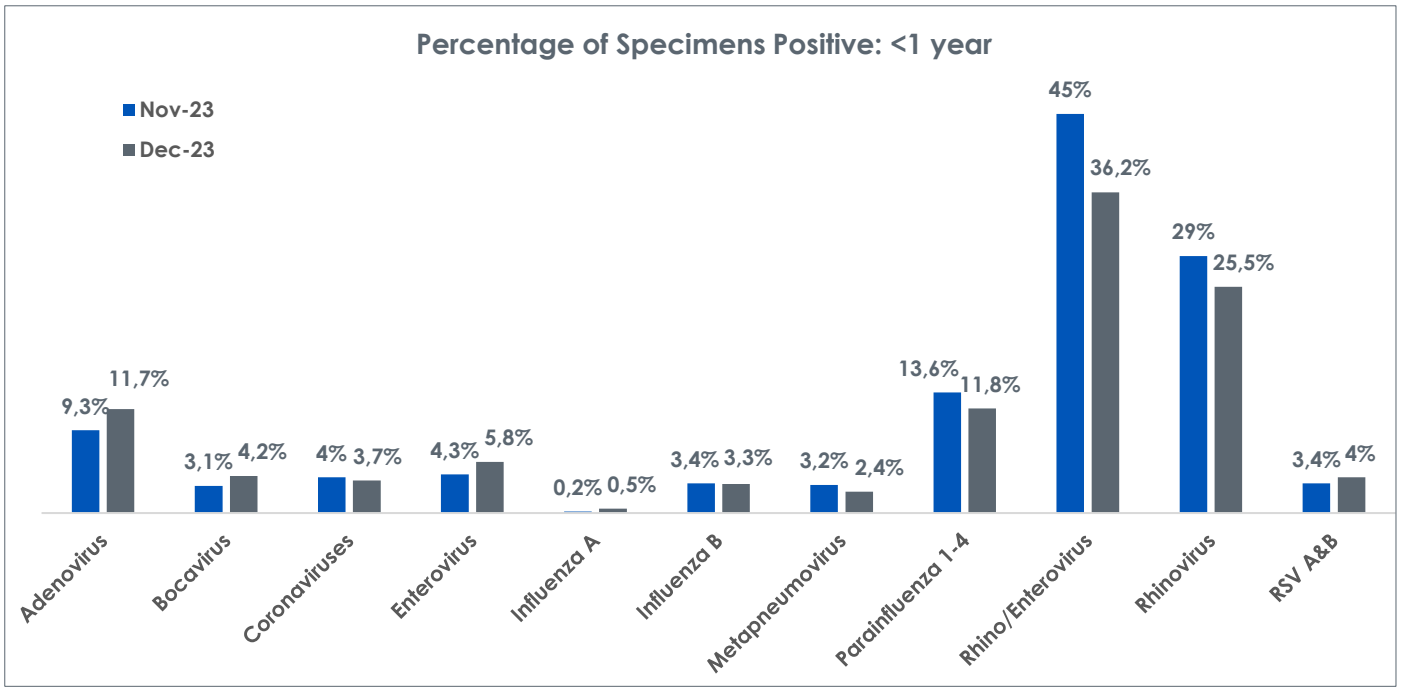
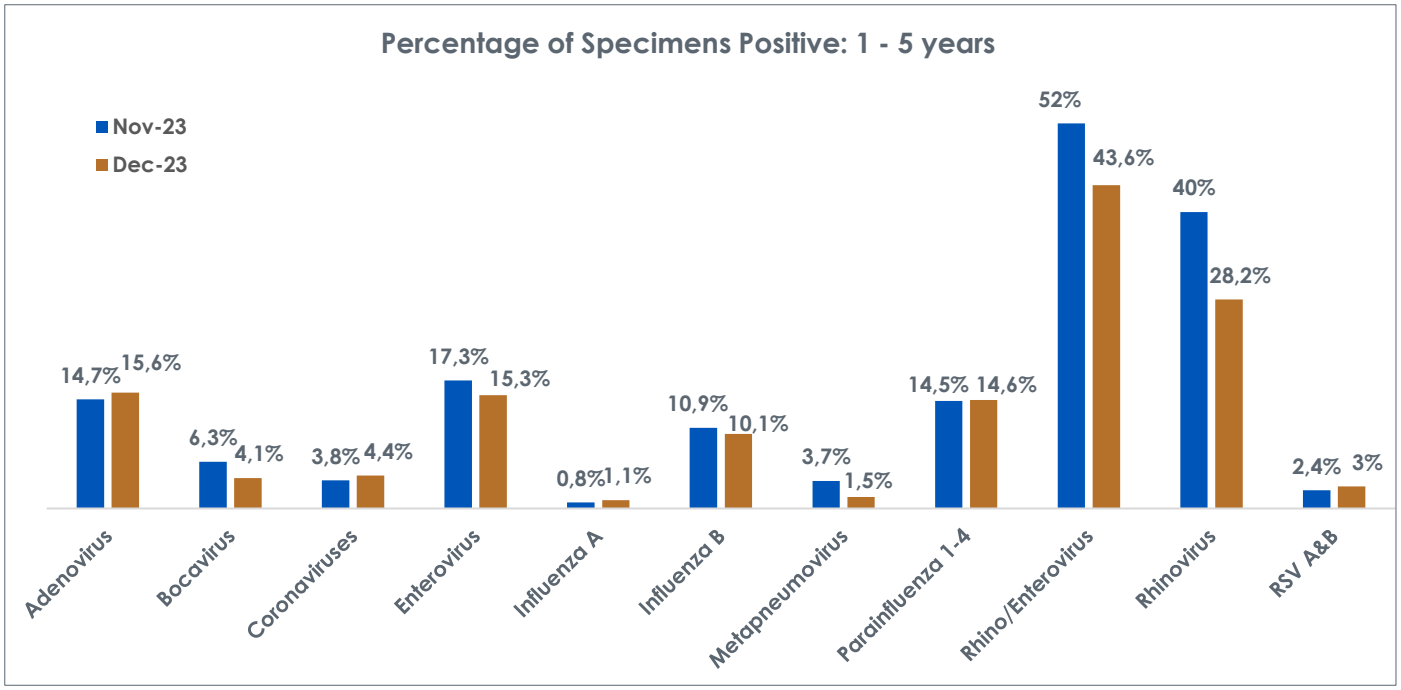
AMPATH LABORATORIES

Paediatric Respiratory Viral Multiplex PCR data: 0 – 12 years





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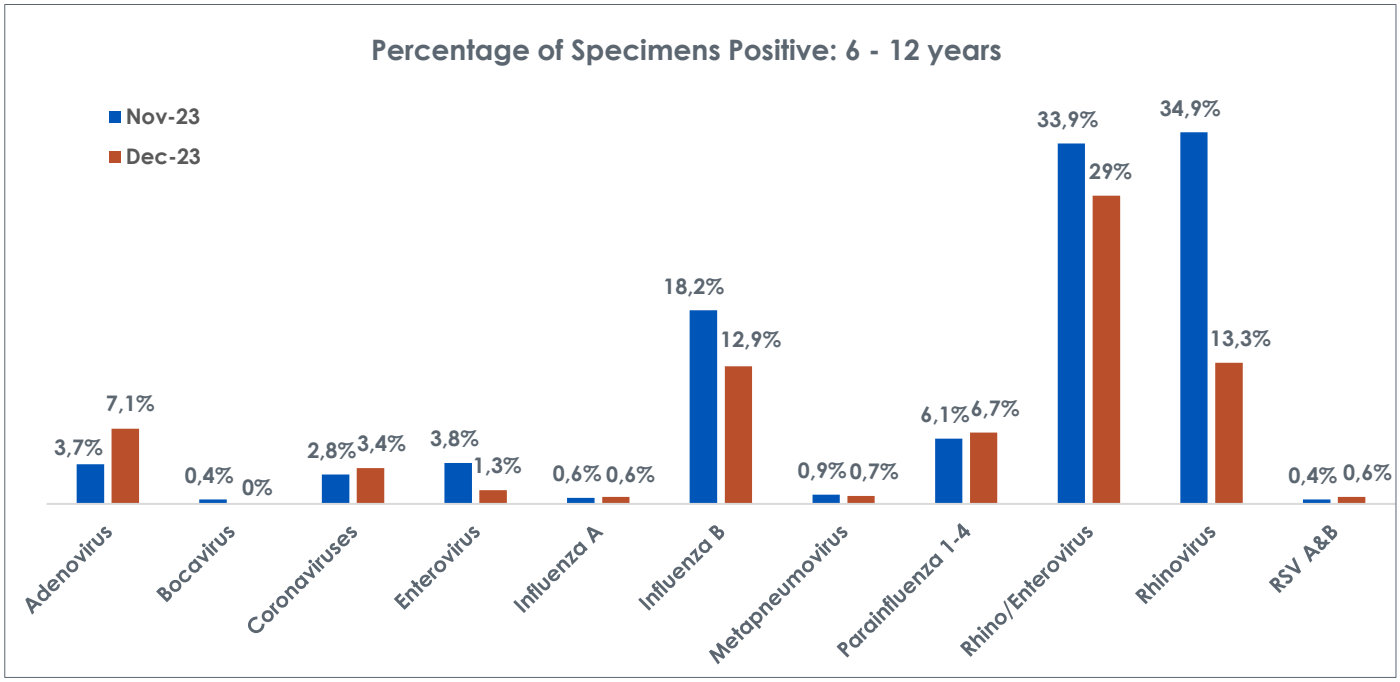

Comments

- The most frequently detected viruses, per age group, during December were:
  - <1 year: rhino/enterovirus (36.2%), rhinovirus (25.5%), parainfluenza 1-4 (11.8%) and adenovirus (11.7%).
  - 1 - 5 years: rhino/enterovirus (43.6%), rhinovirus (28.2%), adenovirus (15.6%) and enterovirus (15.3%).
  - 6 - 12 years: rhinovirus/enterovirus (29%), rhinovirus (13.3%), and influenza B (12.9%).
- Influenza B: the positivity rate remained stable in the <1 year and 1 - 5 year age groups. The positivity rate decreased from 18.2% during November to 12.9% in December in the 6 - 12 year age group.