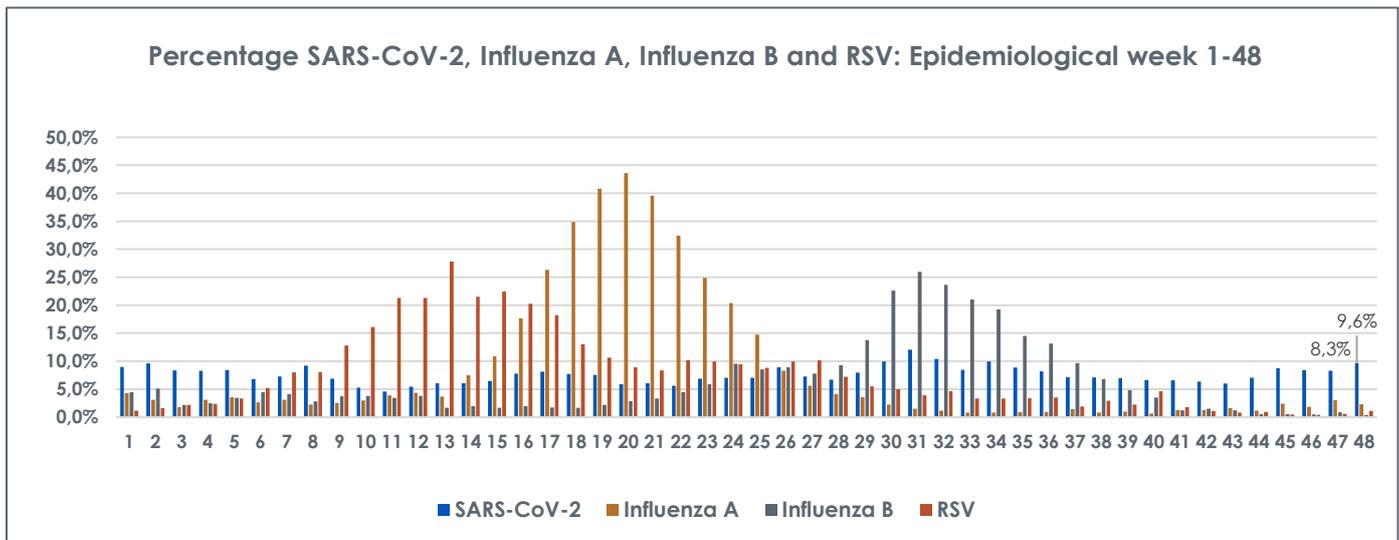
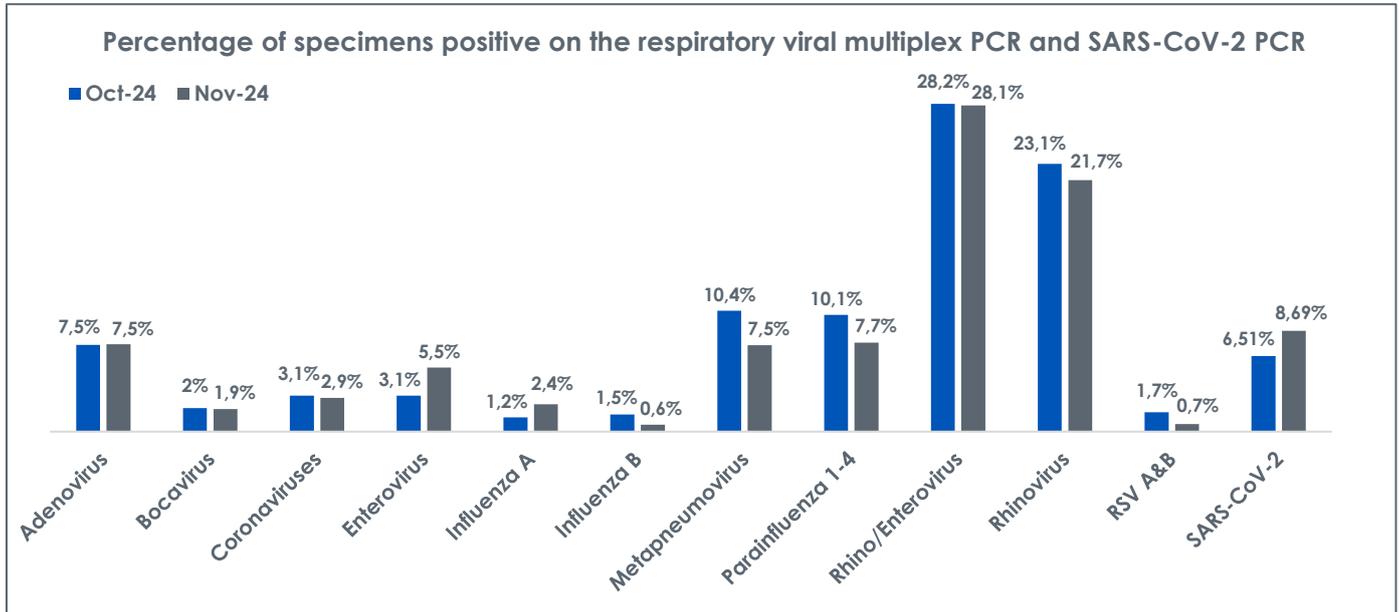


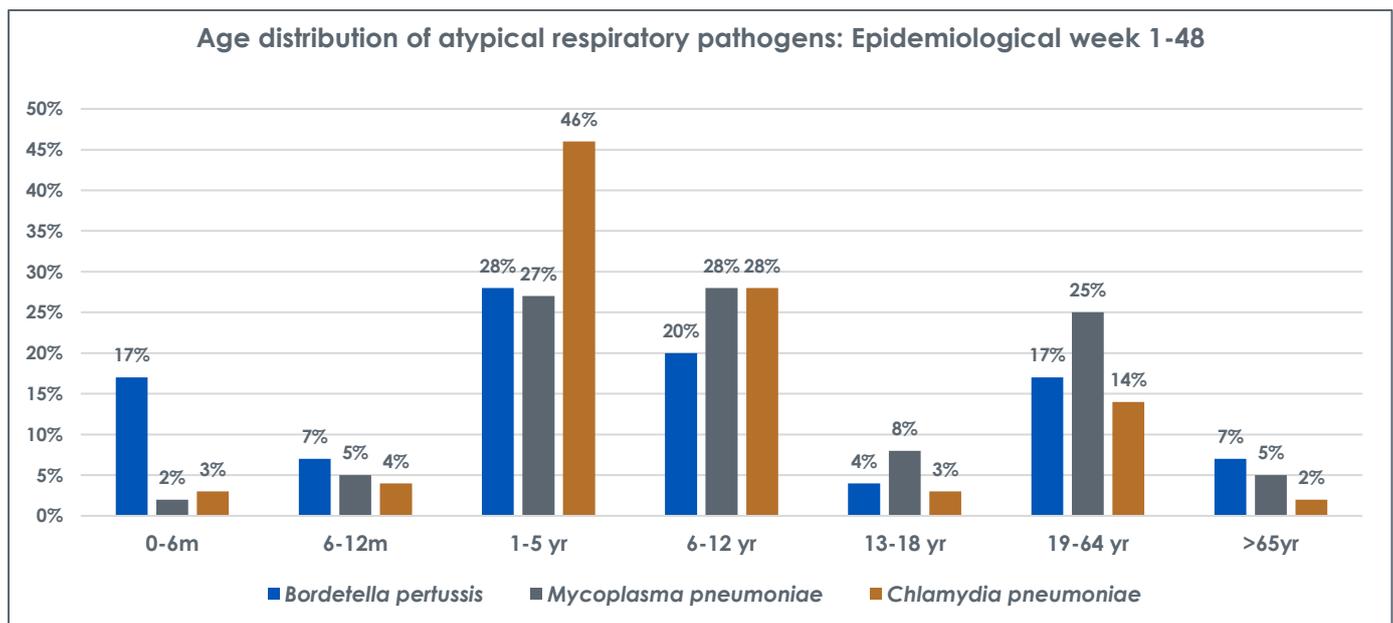
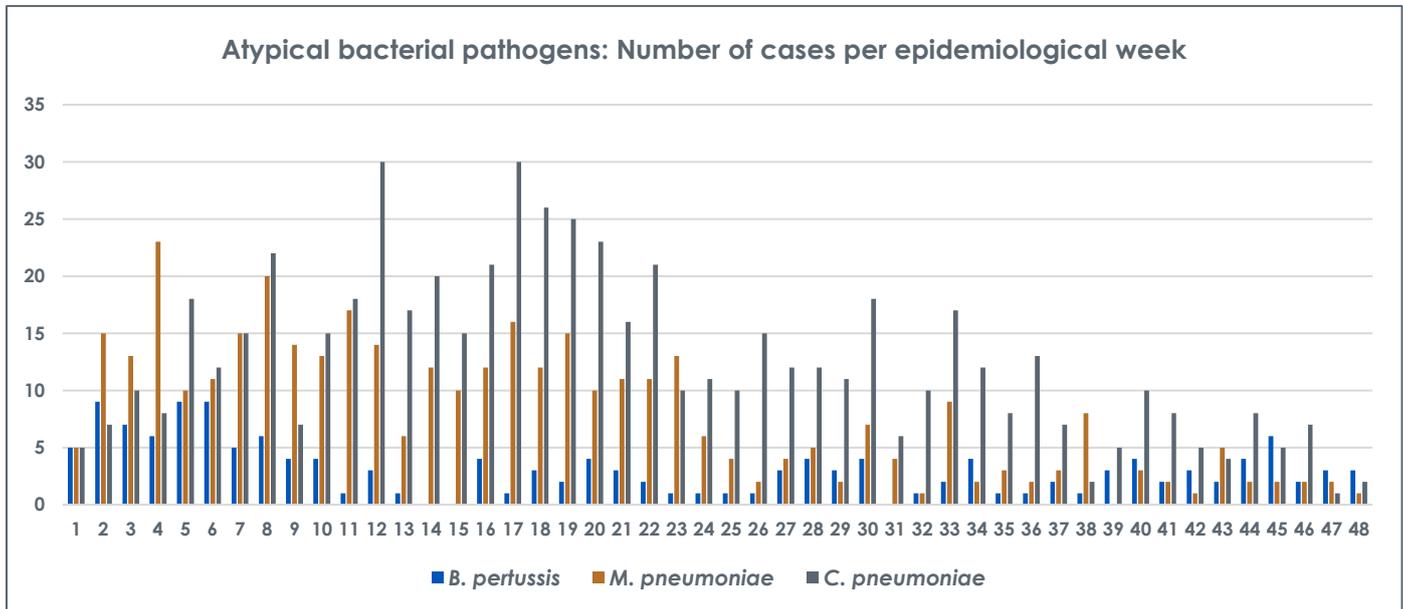
Respiratory Virus Multiplex PCR and SARS-CoV-2 PCR: All age groups



Comments

- The most frequently detected viruses across all age groups during November were: rhino/enterovirus (28.1%), rhinovirus (21.7%) and SARS-CoV-2 (8.69%).
- Epidemiological week 1-48:
 - SARS-CoV-2: during the last 4 weeks the number of specimens that tested positive has increased from 7% in week 44 to 9.6% in week 48.
 - Influenza A and B: the number of specimens testing positive for influenza A and B remained low with 2.3% of specimens testing positive for influenza A and 0.4% of specimens testing positive for influenza B during week 48.
 - The number of specimens testing positive for RSV remain low with 1.1% of specimens testing positive in week 48.

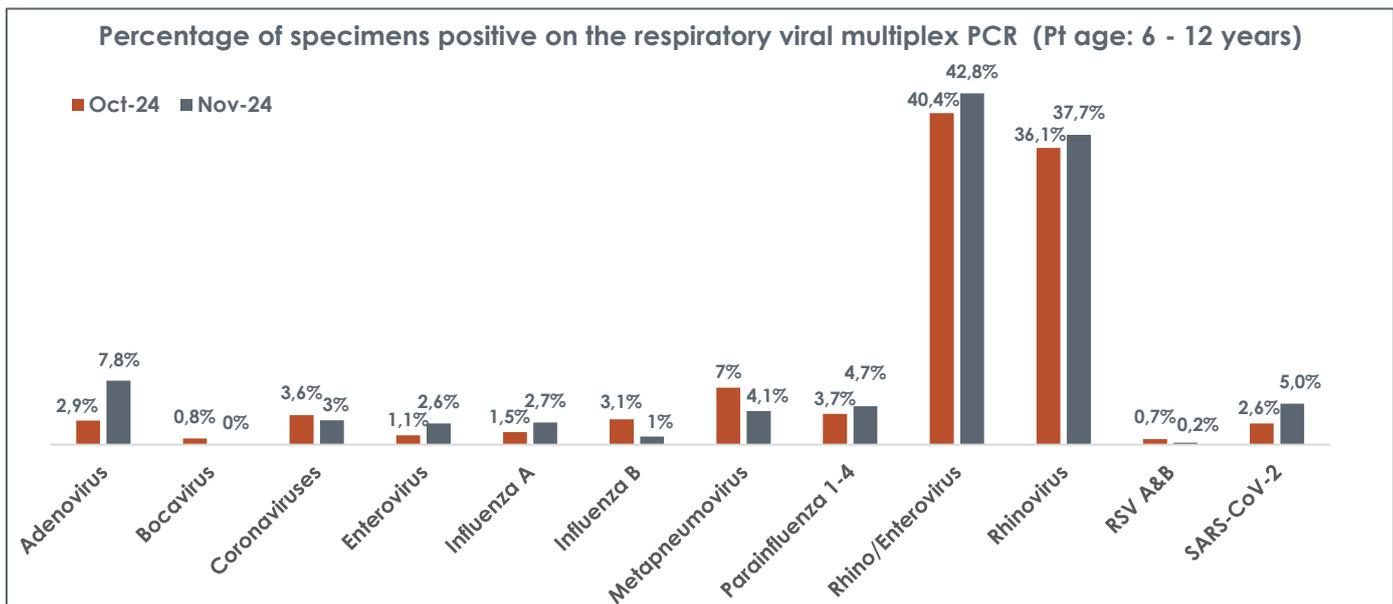
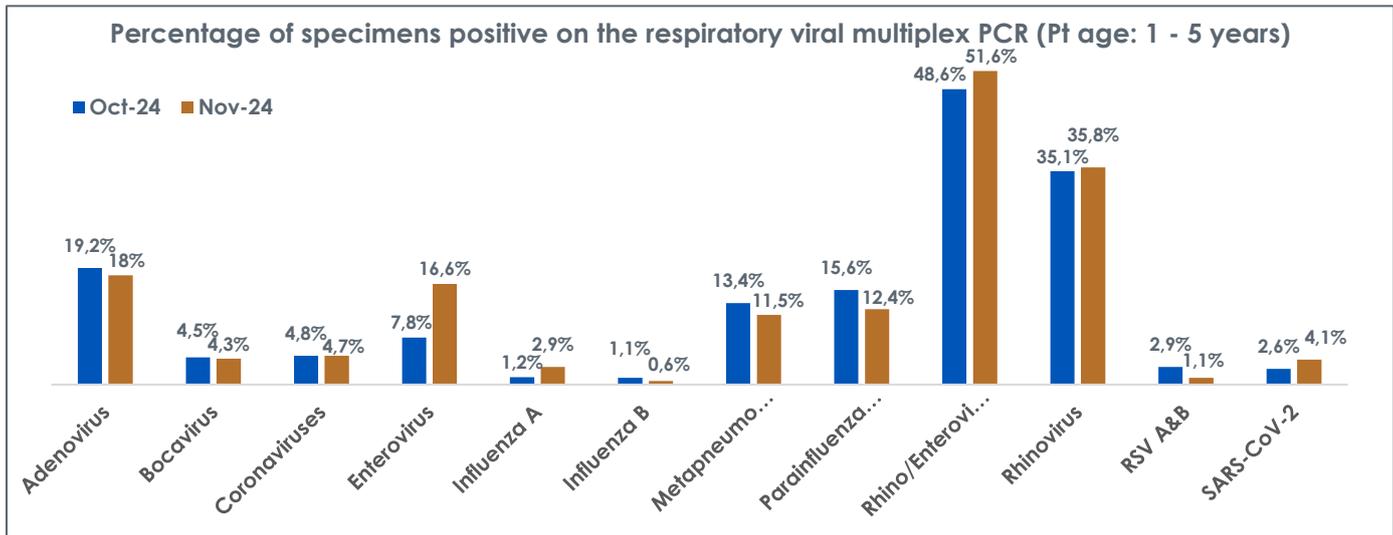
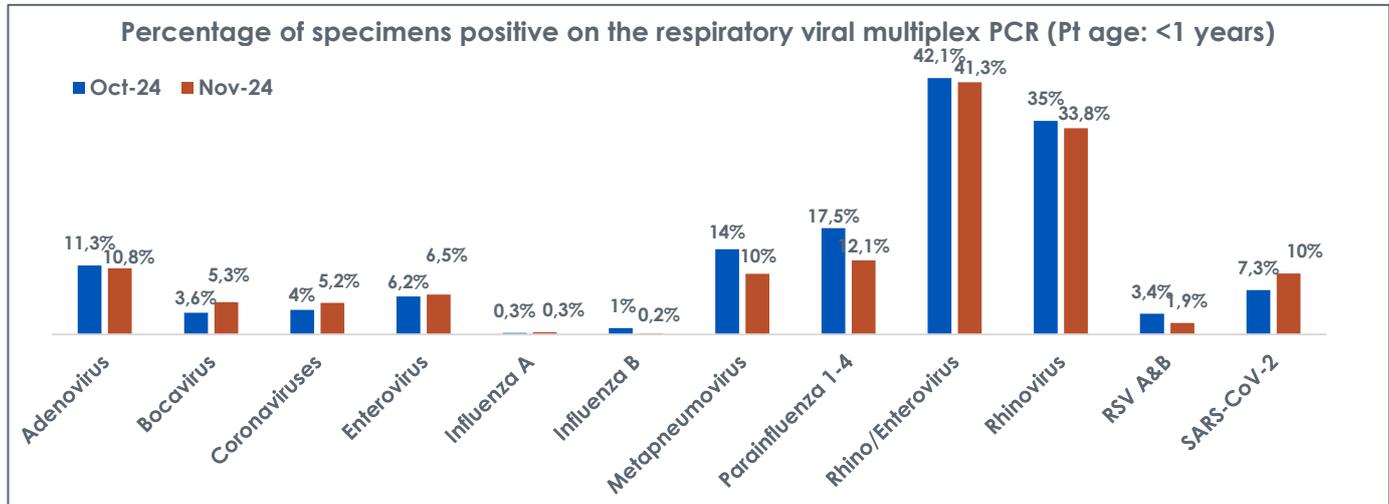
Atypical bacterial pathogens: *Bordetella pertussis*, *Mycoplasma pneumoniae*, *Chlamydia pneumoniae* and *Legionella pneumophila*



Comments

- *Bordetella pertussis*, *Mycoplasma pneumoniae* and *Chlamydia pneumoniae* continue to circulate at low levels. Two cases of *Legionella pneumophila* pneumonia was detected by PCR testing during November.
- In paediatric patients most *B. pertussis* cases were detected in the 1-5 year age group (28%). Twenty four 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 patients between 1-12 years of age.

Paediatric respiratory viral multiplex PCR data



Comments

Significant findings per age group during November:

- o Less than 1 year of age: the most common viruses detected in this age group during November were rhino/enterovirus (41.3%), rhinovirus (33.8%), parainfluenza virus (12.1%) and adenovirus (10.8%).
- o 1-5 years of age: the most common viruses detected in this age group during November were rhino/enterovirus (51.6%), rhinovirus (35.8%), adenovirus (18%) and enterovirus (a significant increase from 7.8% positivity rate in October to 16.6% in November).
- o 6-12 years of age: the most common viruses detected in this age group during November were rhino/enterovirus (42.8%), rhinovirus (37.7%) and adenovirus 7.8%.