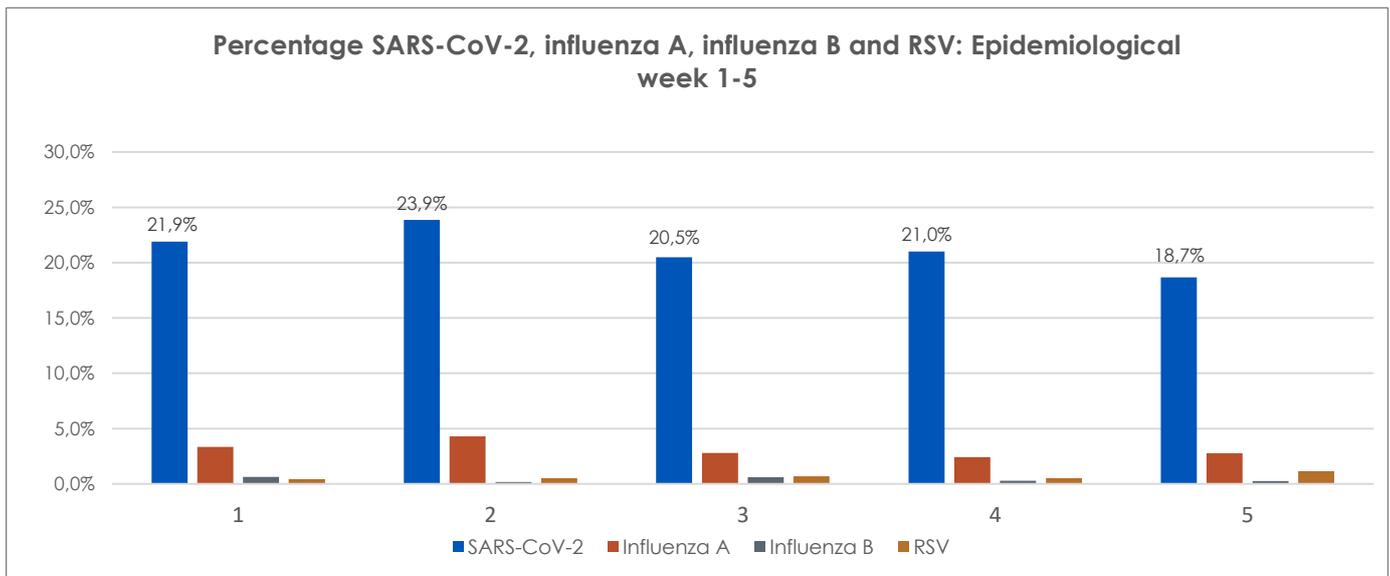
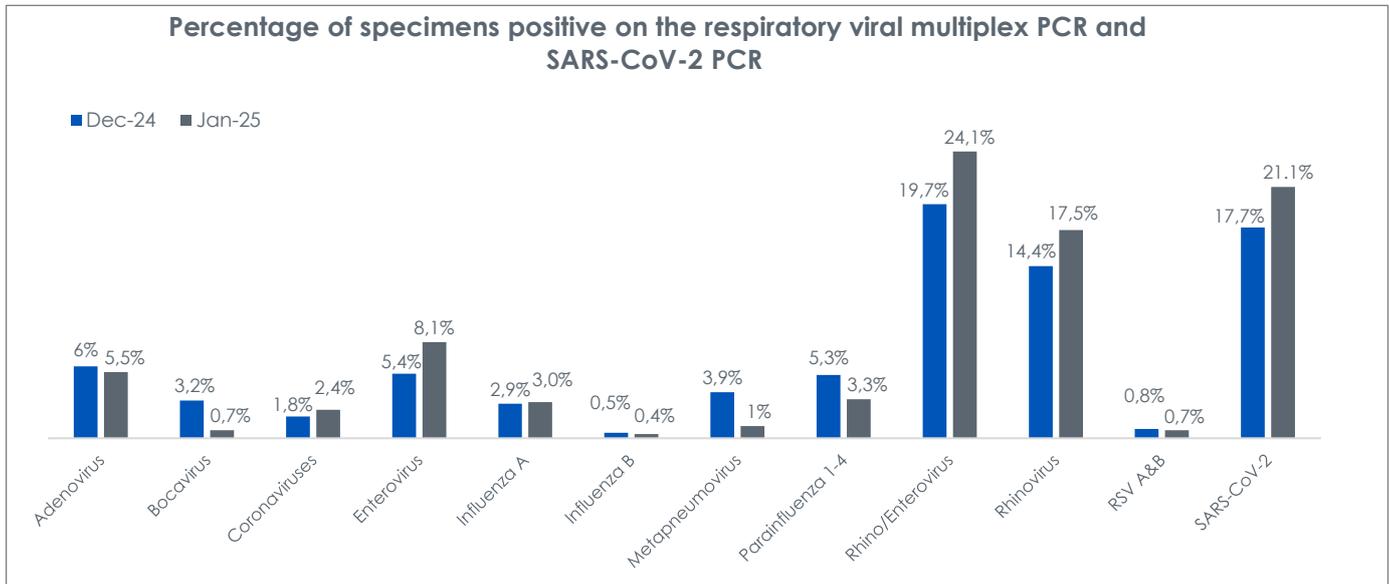


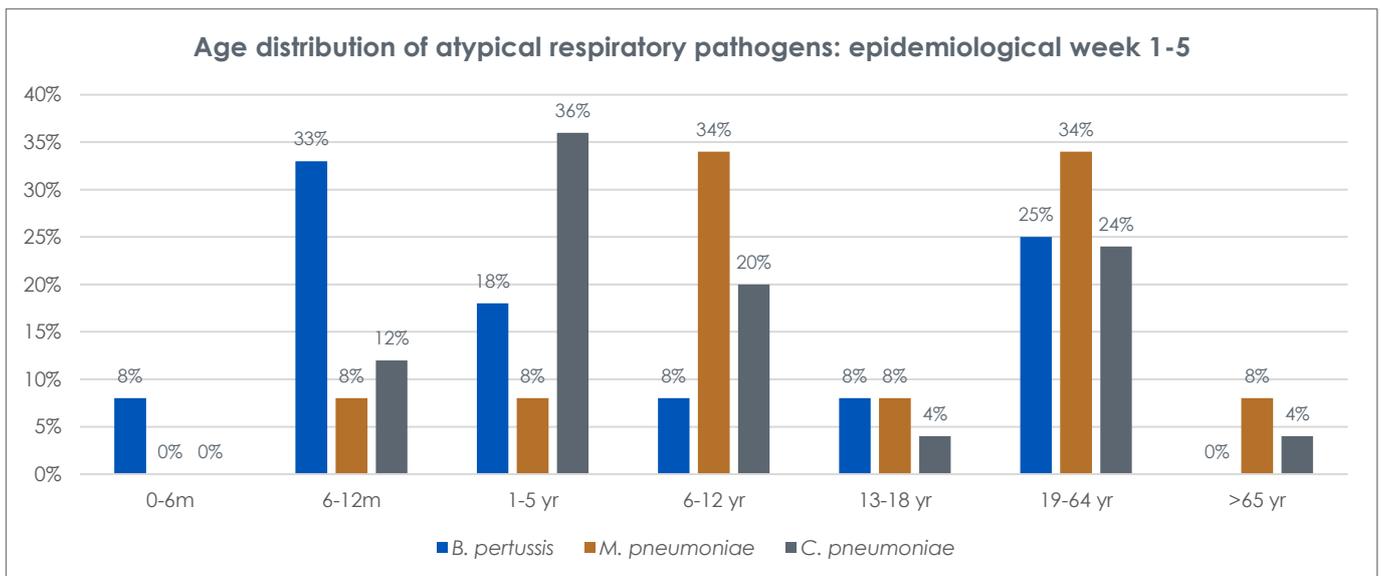
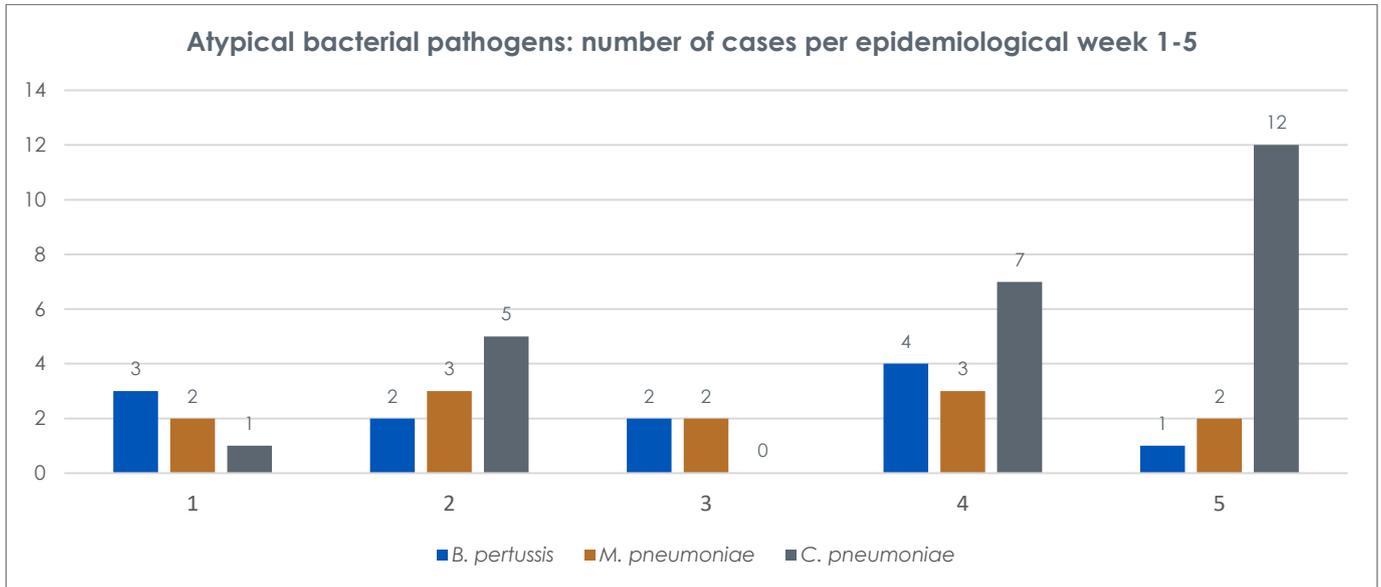
Respiratory Virus Multiplex PCR and SARS-CoV-2 PCR: All age groups



Comments

- The most frequently detected viruses across all age groups during January were: rhino/enterovirus (24.1%) and SARS-CoV-2 (21.1%).
- Epidemiological week 1-5:
 - SARS-CoV-2: during the last 5 weeks the number of specimens that tested positive for SARS-CoV-2 peaked in week 2 with a 23.9% positivity rate, declining to 18.7% in week 5. The highest positivity rates were observed in the Limpopo (38%), Mpumalanga (29%), Gauteng (21%) and KZN (20.9%) provinces.
 - Influenza A and B: the number of specimens testing positive for influenza A and B remained low with 2.8% of specimens testing positive for influenza A and 0.3% of specimens testing positive for influenza B during week 5.
 - The number of specimens testing positive for RSV remain low with 1.1% of specimens testing positive in week 5.

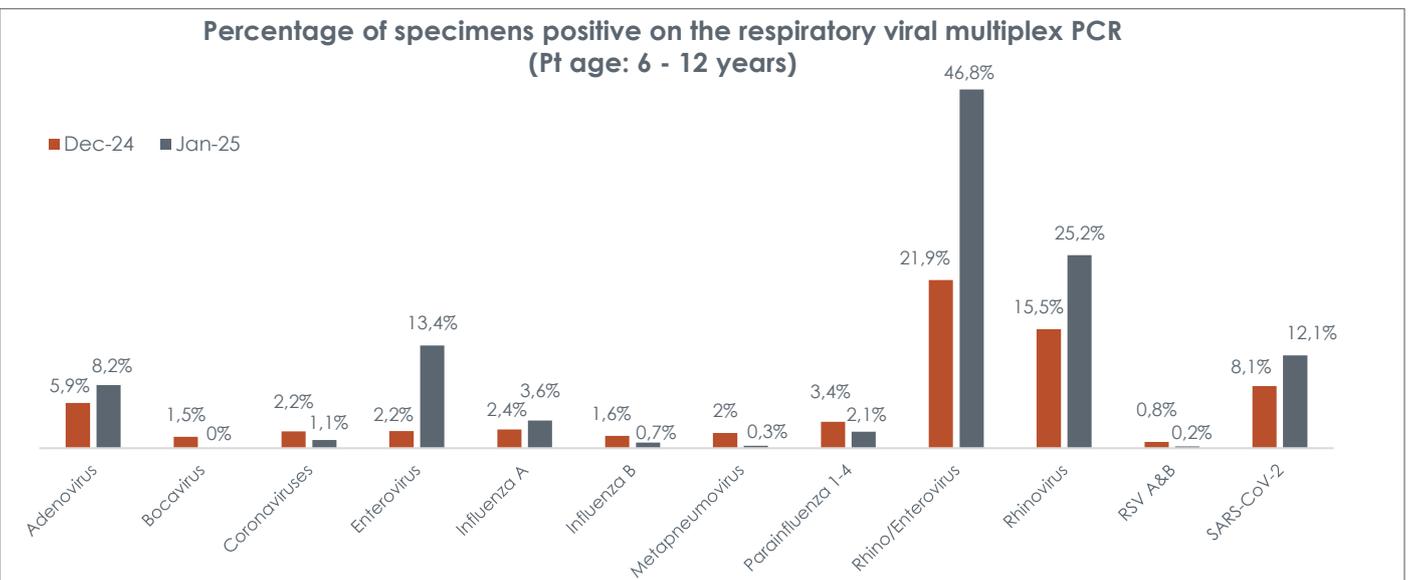
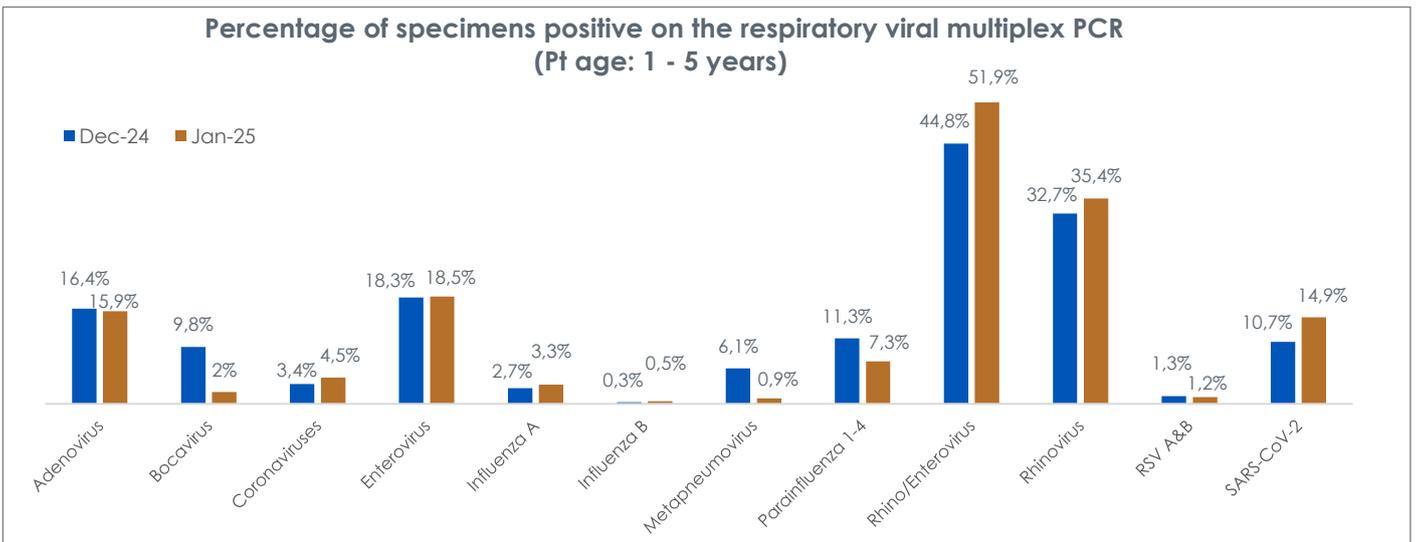
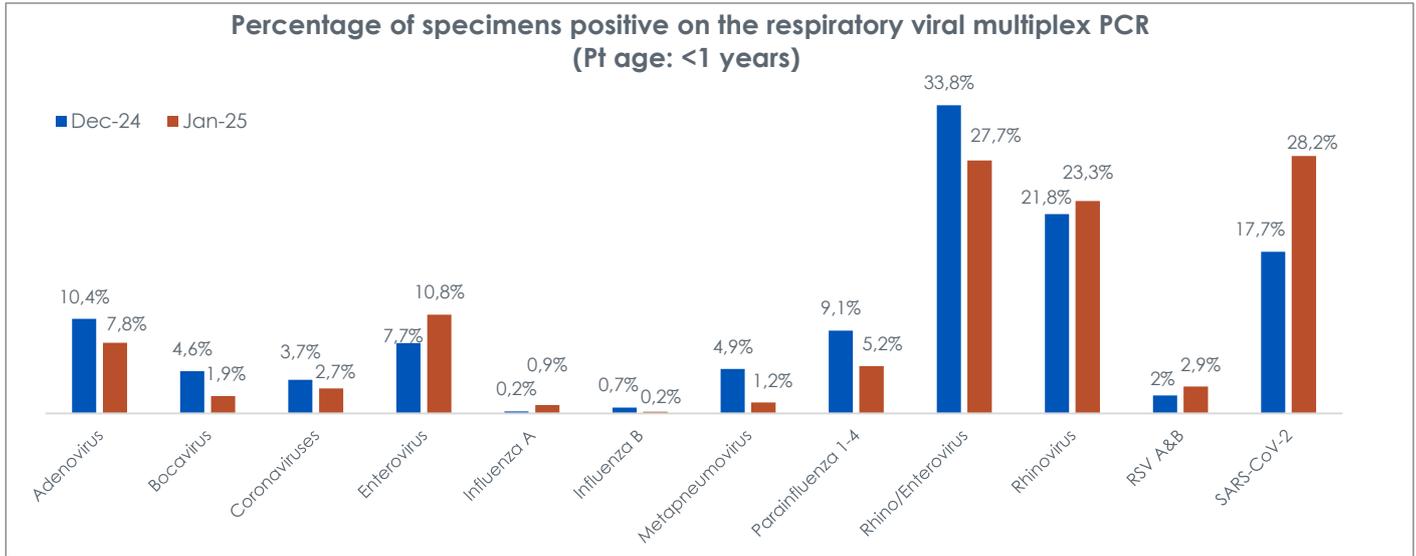
Atypical bacterial pathogens: *Bordetella pertussis*, *Mycoplasma pneumoniae*, *Chlamydia pneumoniae* and *Legionella pneumophila*



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 January.
- In paediatric patients most *B. pertussis* cases were detected in the 6-12 month age group (33%) and the 1-5 year age group (18%). Twenty five percent of cases were detected in patients >18 years.
- 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 January:

- Less than 1 year of age: the most common viruses detected in this age group during January were SARS-CoV-2 (28.2%) and rhino/enterovirus (27.7%).
- 1-5 years of age: the most common viruses detected in this age group during January were rhino/enterovirus (51.9%), rhinovirus (35.4%), enterovirus (18.5%) and adenovirus (15.9%).
- 6-12 years of age: the most common viruses detected in this age group during January were rhino/enterovirus (46.8%), rhinovirus (25.2%) and enterovirus (13.4%).