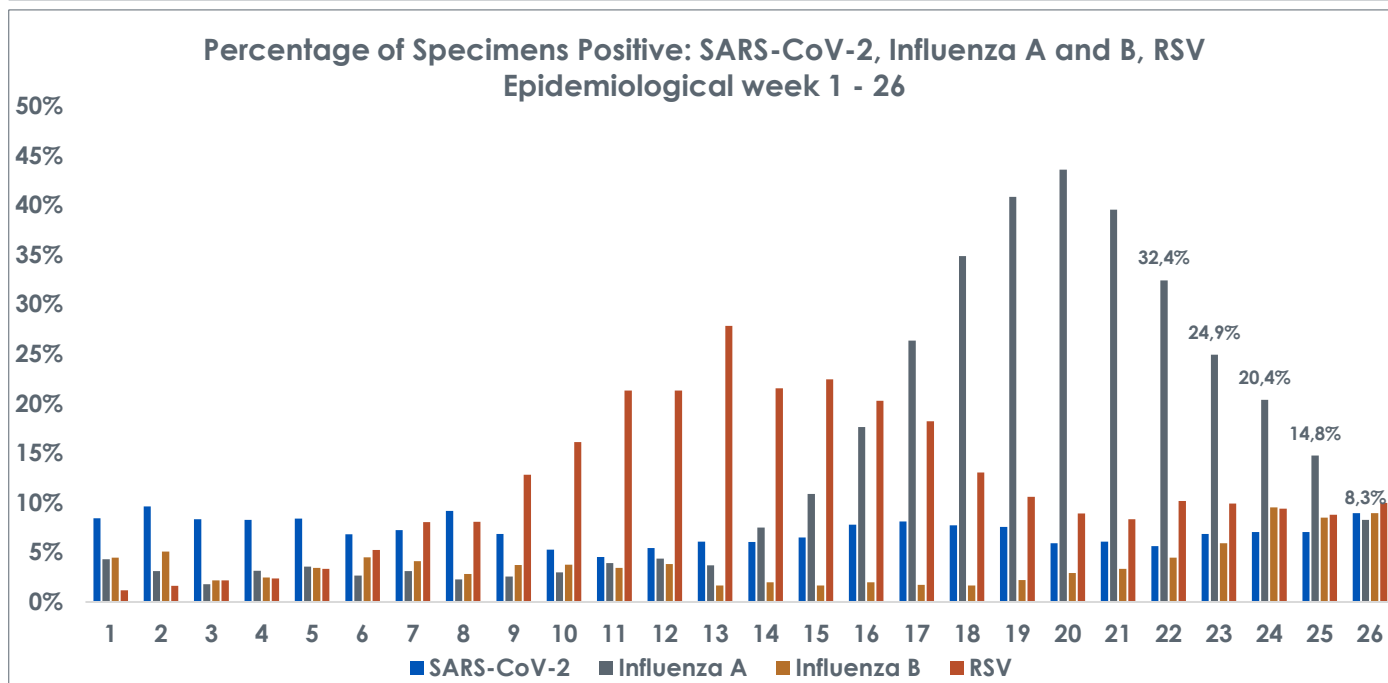
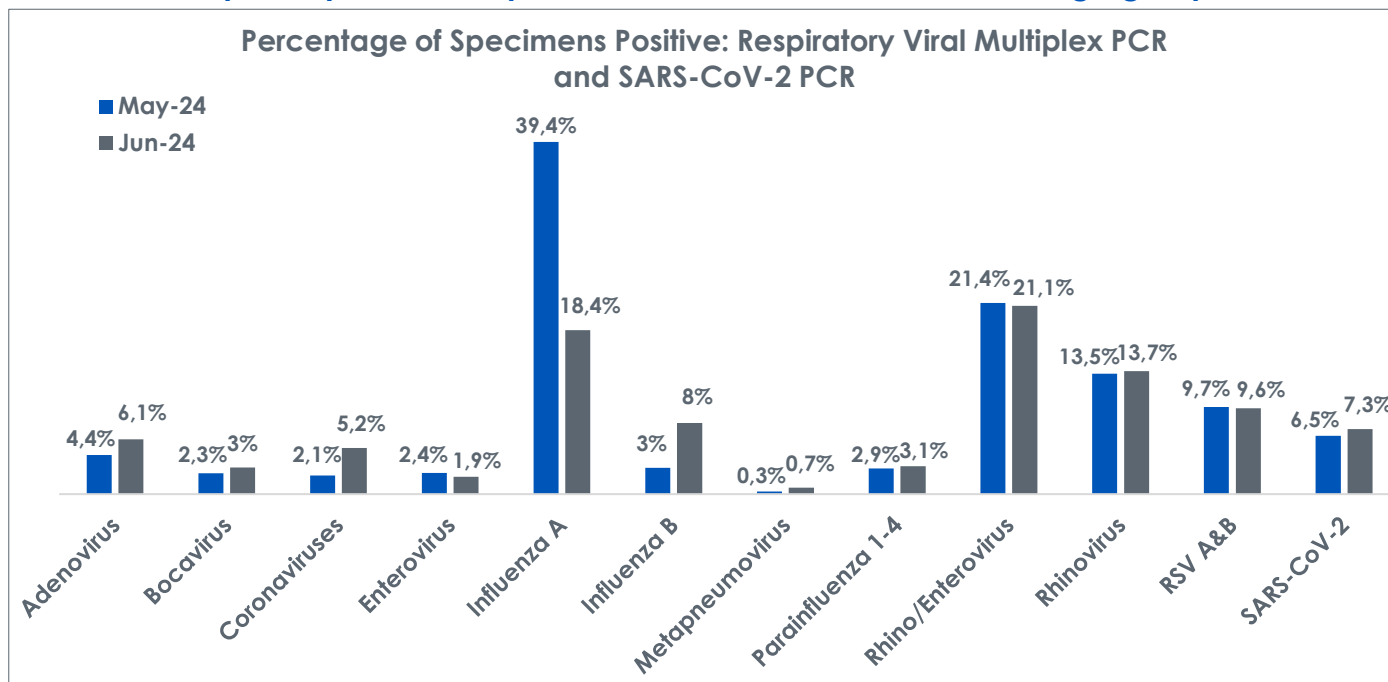


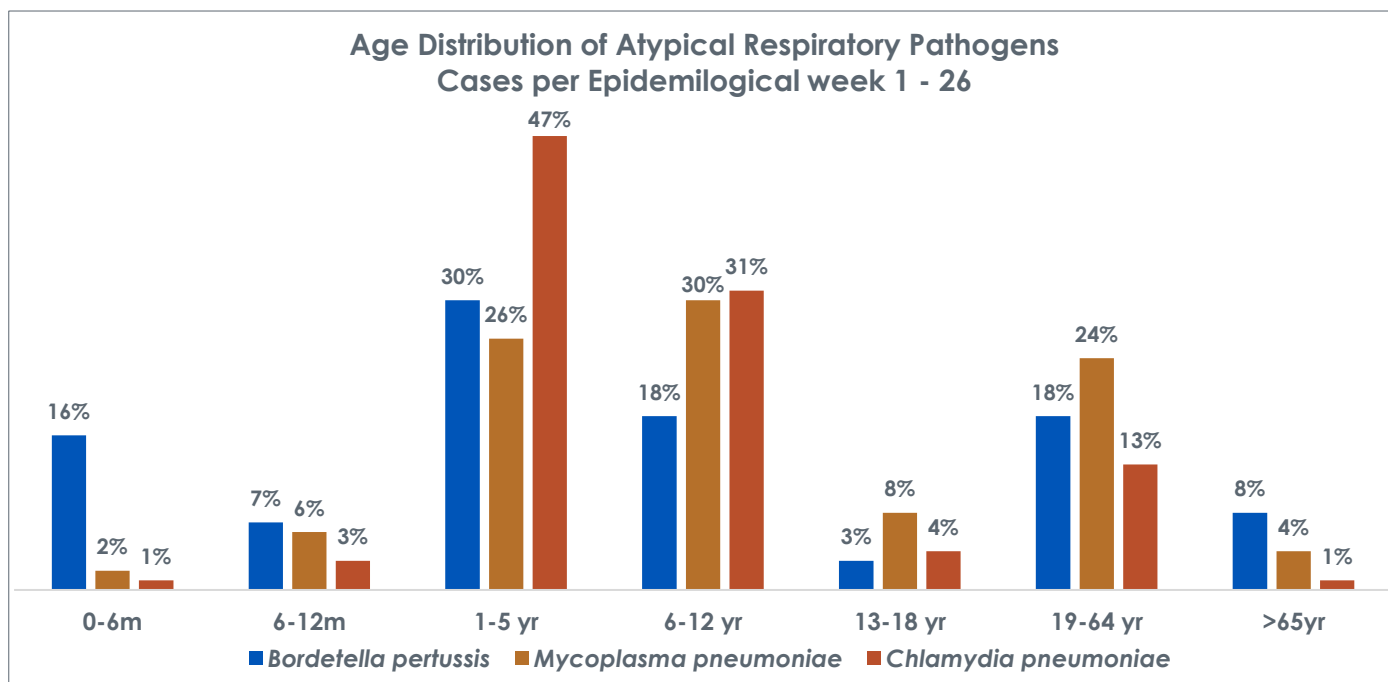
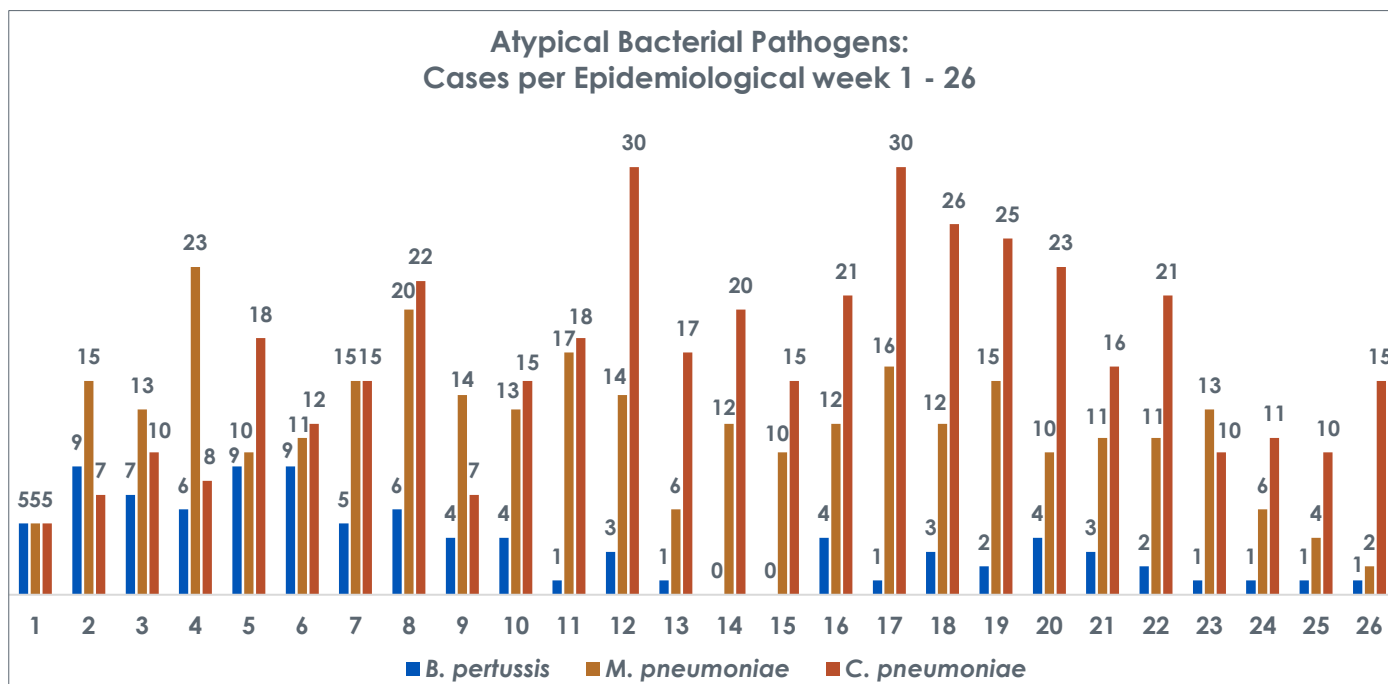
Respiratory Virus Multiplex PCR and SARS-CoV-2 PCR: All age groups



Comments

- The most frequently detected viruses across all age groups during June were: rhino/enterovirus (21.1%) and influenza A (18.4%).
- Epidemiological week 1 - 26:
 - SARS-CoV-2: during the last 4 weeks the number of specimens that tested positive has remained stable.
 - Influenza A: the number of specimens testing positive for influenza A peaked during week 20, with 43.6% of specimens testing positive, this declined to 8.3% during epidemiological week 26. The majority of specimens where sub-typing was available were identified as influenza A H1N1 2009 (98%).
 - Influenza B: the number of specimens testing positive for influenza B increased to 8.9% during epidemiological week 26. During June 24% of specimens testing positive for influenza were typed as influenza B.
 - The number of specimens testing positive for RSV peaked in week 13 with 27.8% of specimens testing positive. The overall positivity rate declined to 10% during week 26.

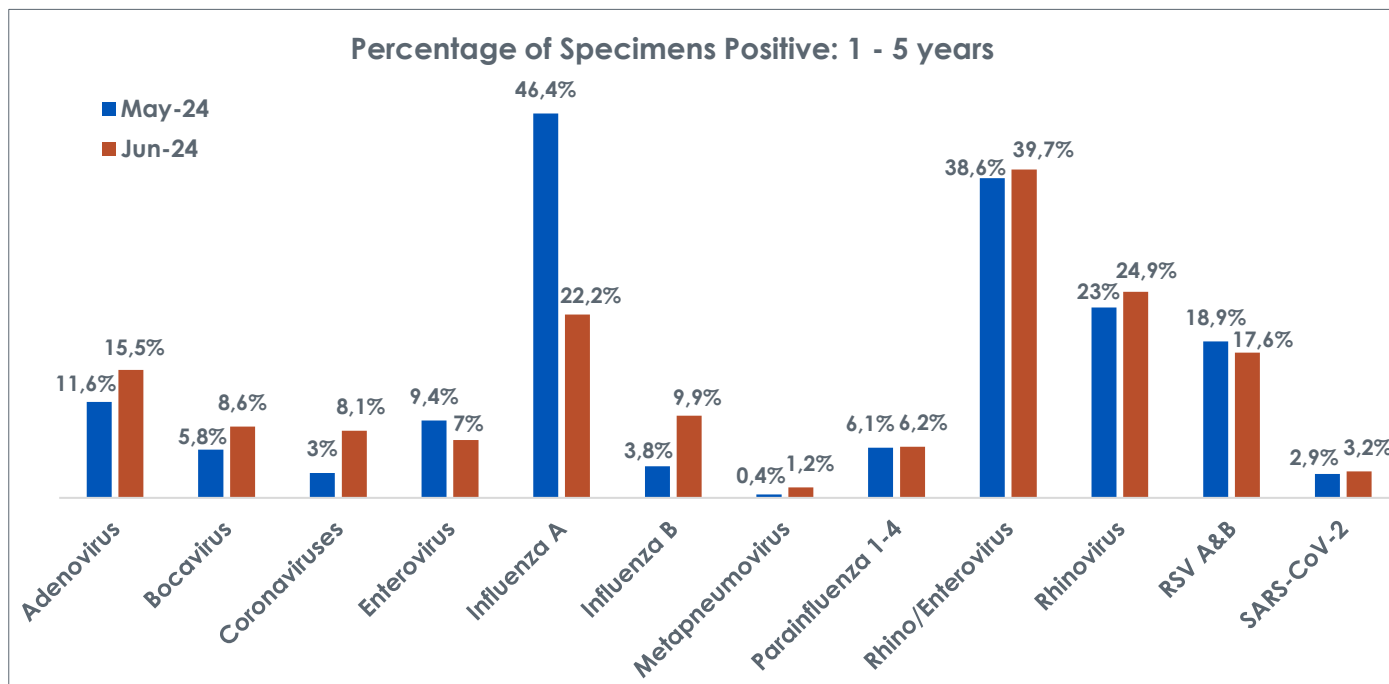
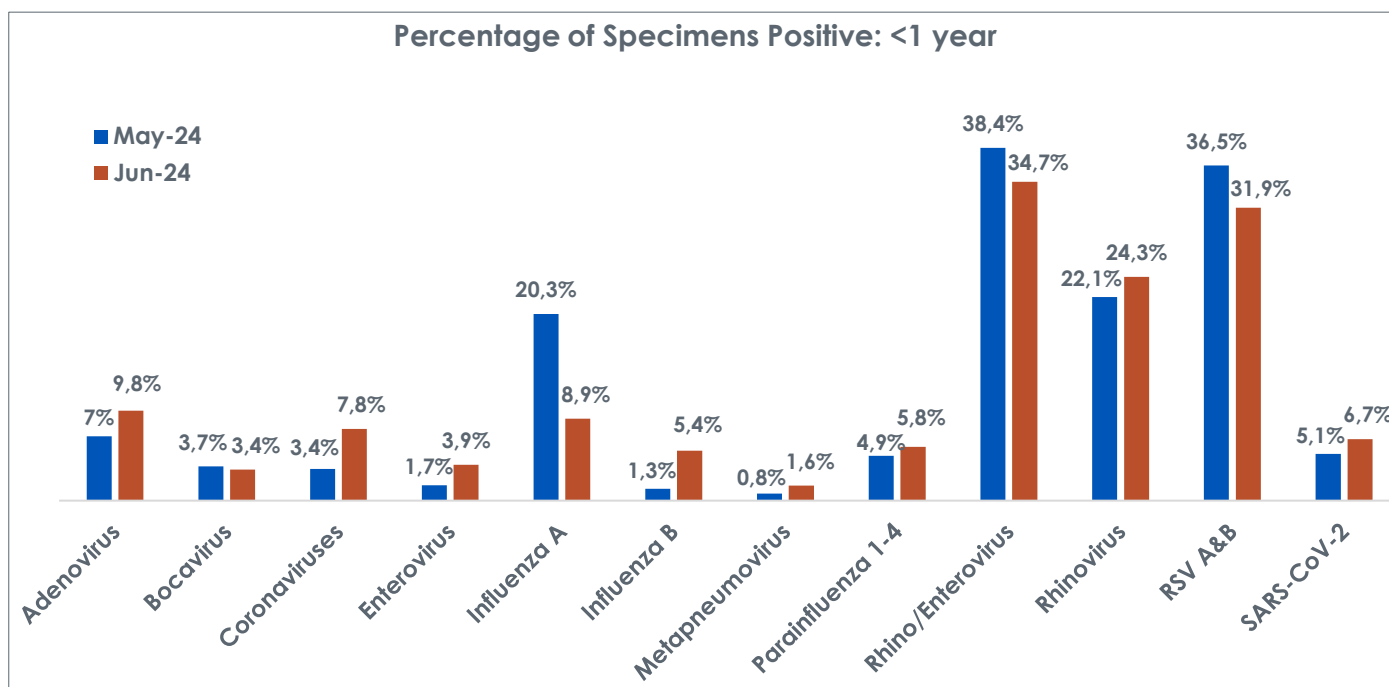
Atypical Bacterial Pathogens: *Bordetella pertussis*, *Mycoplasma pneumoniae*, *Chlamydia pneumoniae* and *Legionella pneumophila*

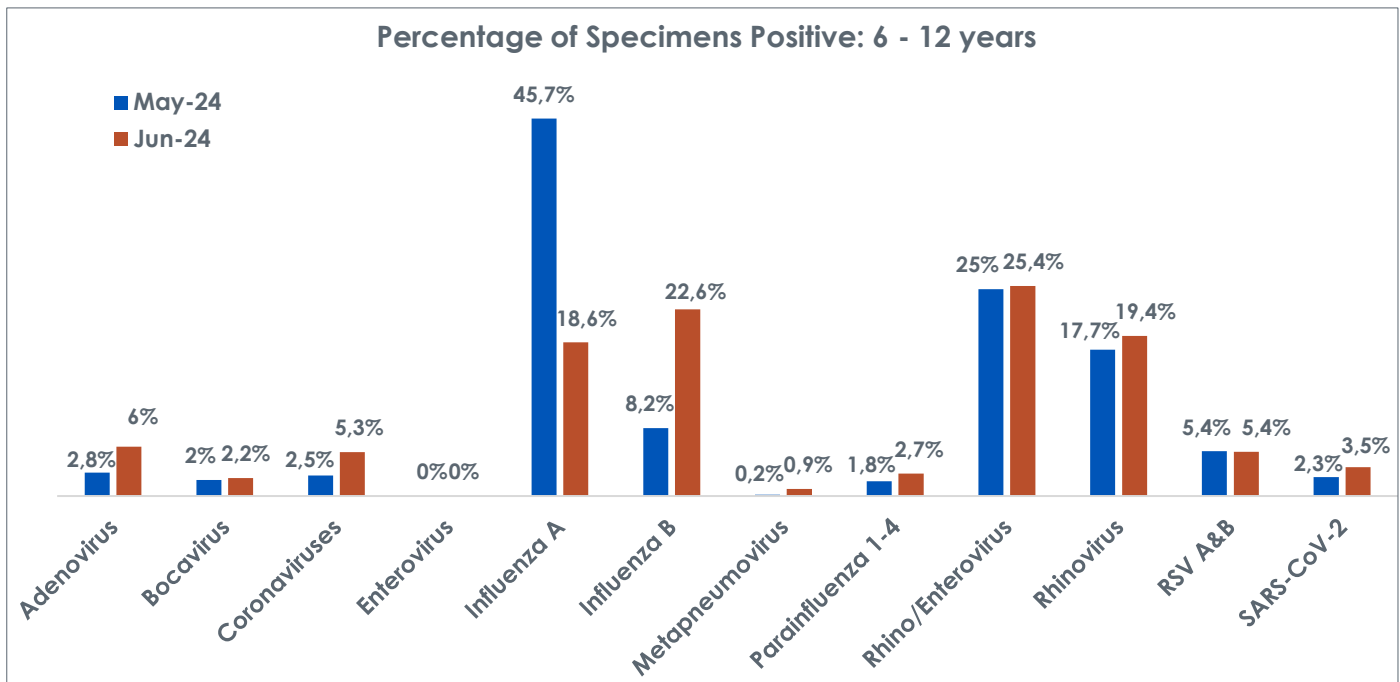


Comments

- *Bordetella pertussis*, *Mycoplasma pneumoniae* and *Chlamydia pneumoniae* continue to circulate at low levels. No cases of *Legionella pneumophila* pneumonia were detected by PCR testing during June 2024.
- In paediatric patients most *B. pertussis* cases were detected in the 1 - 5 year age group (30%). Twenty six percent of cases were detected in patients >18 years and 16% 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.

Paediatric Respiratory Viral Multiplex PCR data





Comments

Significant findings per age group during June:

- <1 year: the influenza A positivity rate decreased from 20.3% in May to 8.9% in June. An increase in influenza B cases was noted in this age group (1.3% in May to 5.4% in June). RSV continues to circulate at high levels (31.9%).
- 1 - 5 years: the influenza A positivity rate declined to 22.2% in June from 46.4% in May. The influenza B positivity rate increased to 9.9%, from 3.8% in May.
- 6 - 12 years: a significant increase in influenza B positivity rate was noted in this age group from 8.2% in May to 22.6% in June. The influenza A positivity rate decreased to 18.6% from 45.7% in May.