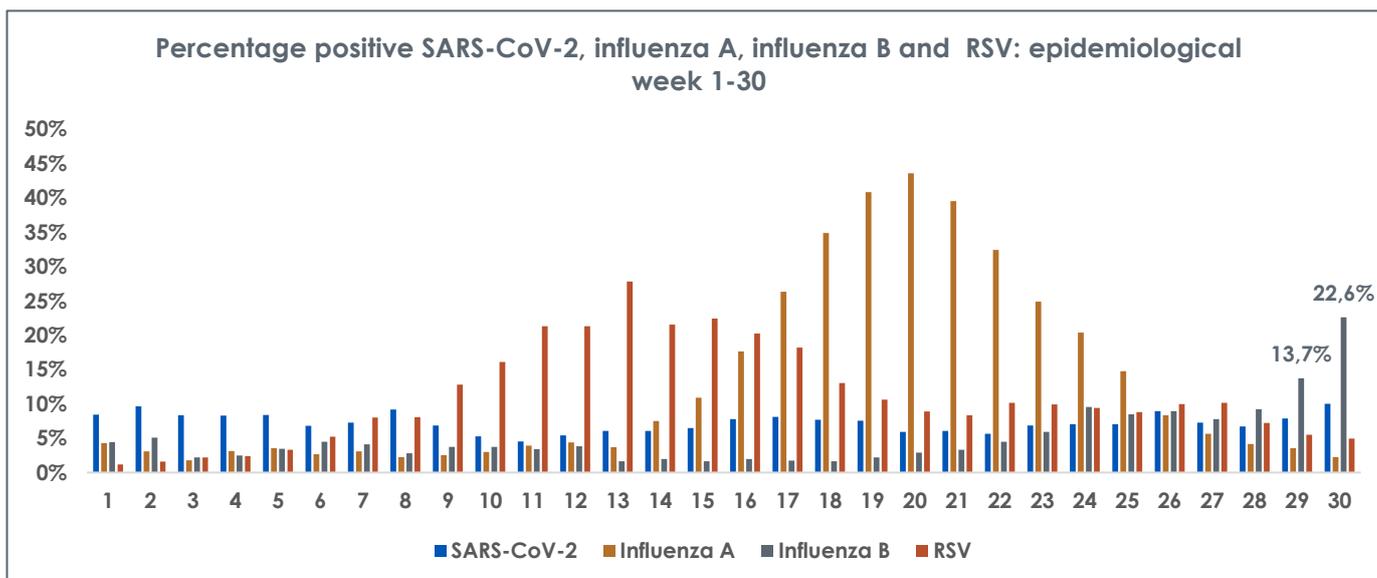
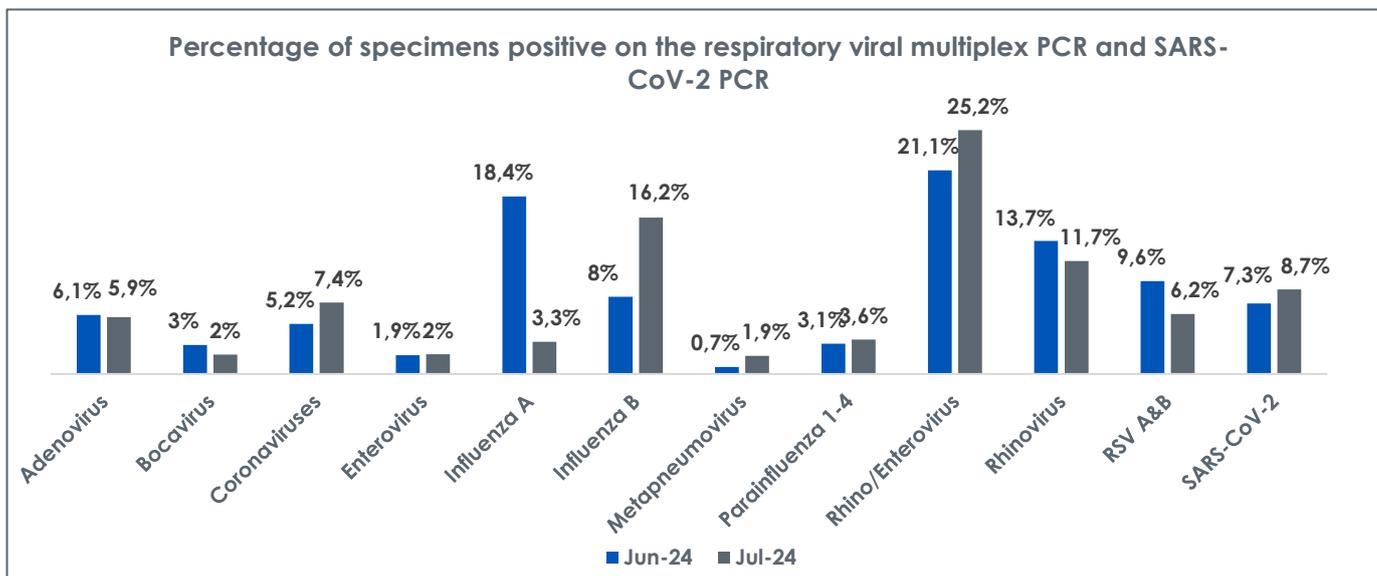


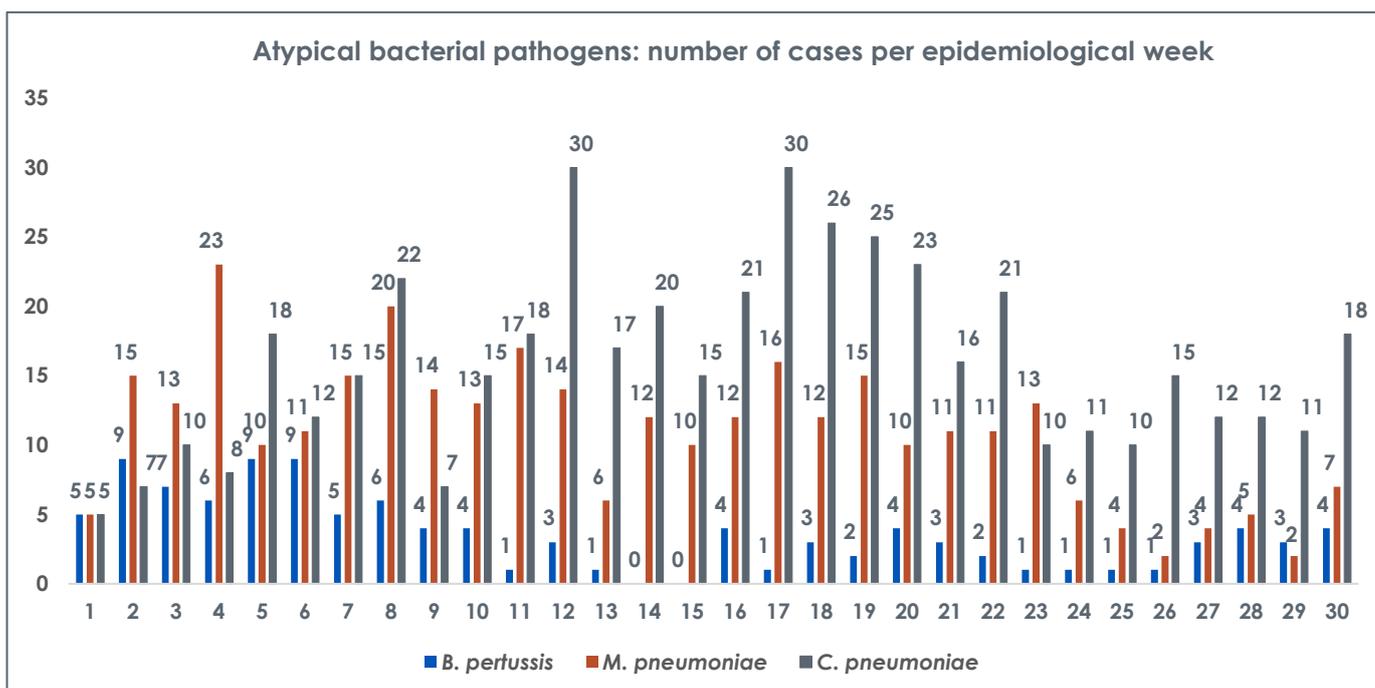
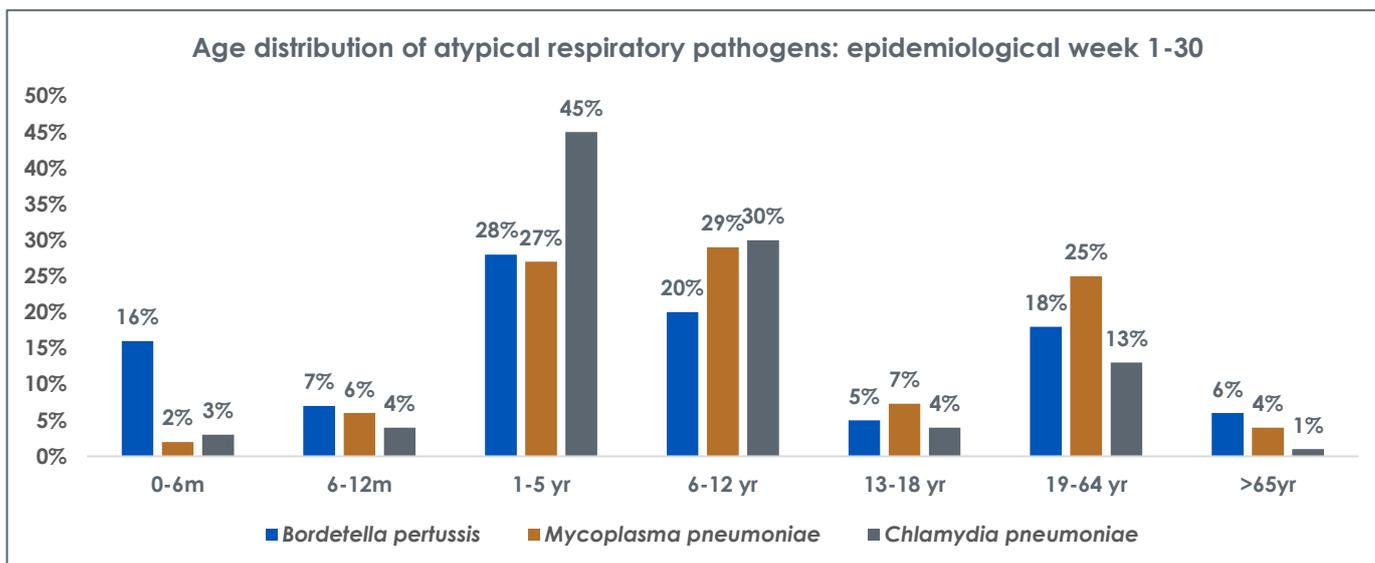
Respiratory Virus Multiplex PCR and SARS-CoV-2 PCR: All age groups



Comments

- The most frequently detected viruses across all age groups during July were: rhino/enterovirus (25.2%) and influenza B (16.2%).
- Epidemiological week 1 - 30:
 - 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 all specimens submitted testing positive, this declined to 2.2% in epidemiological week 30.
 - Influenza B: the number of specimens testing positive for influenza B increased to 22.6% in epidemiological week 30.
 - The number of specimens testing positive for RSV peaked in week 13 with 27.8% of all specimens submitted testing positive. The overall positivity rate declined to 5% in week 30.

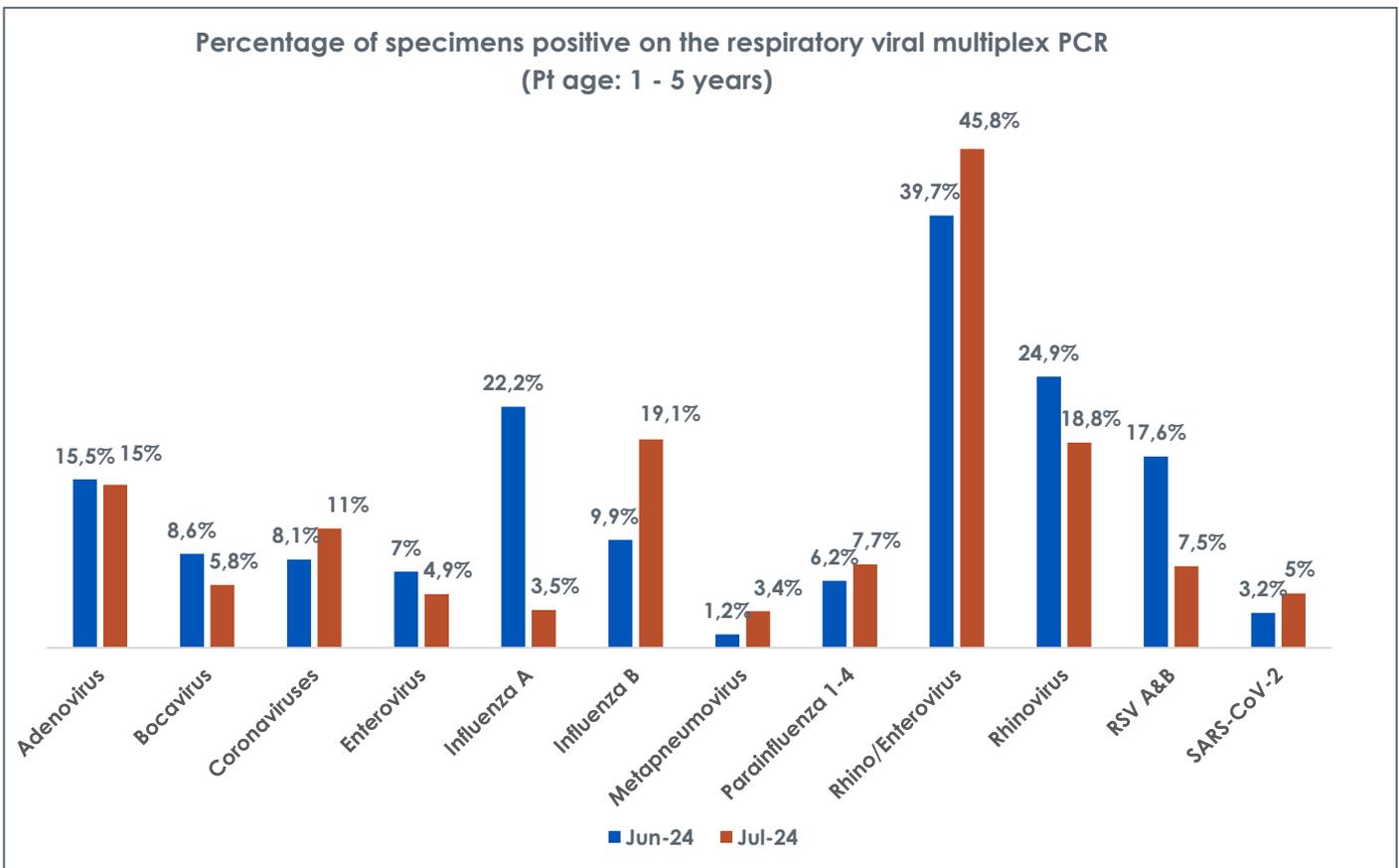
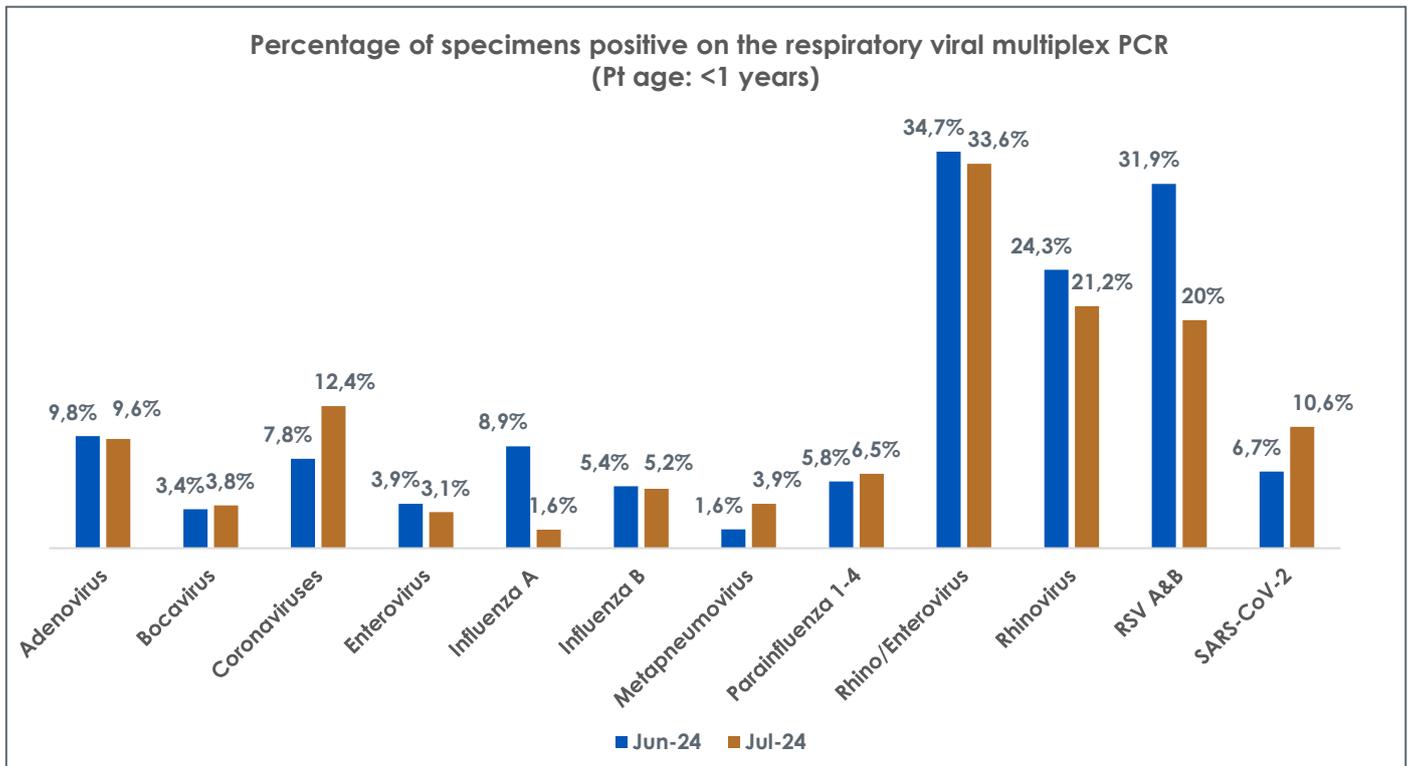
Atypical bacterial pathogens: *Bordetella pertussis*, *Mycoplasma pneumoniae*, *Chlamydia pneumoniae* and *Legionella pneumophila*

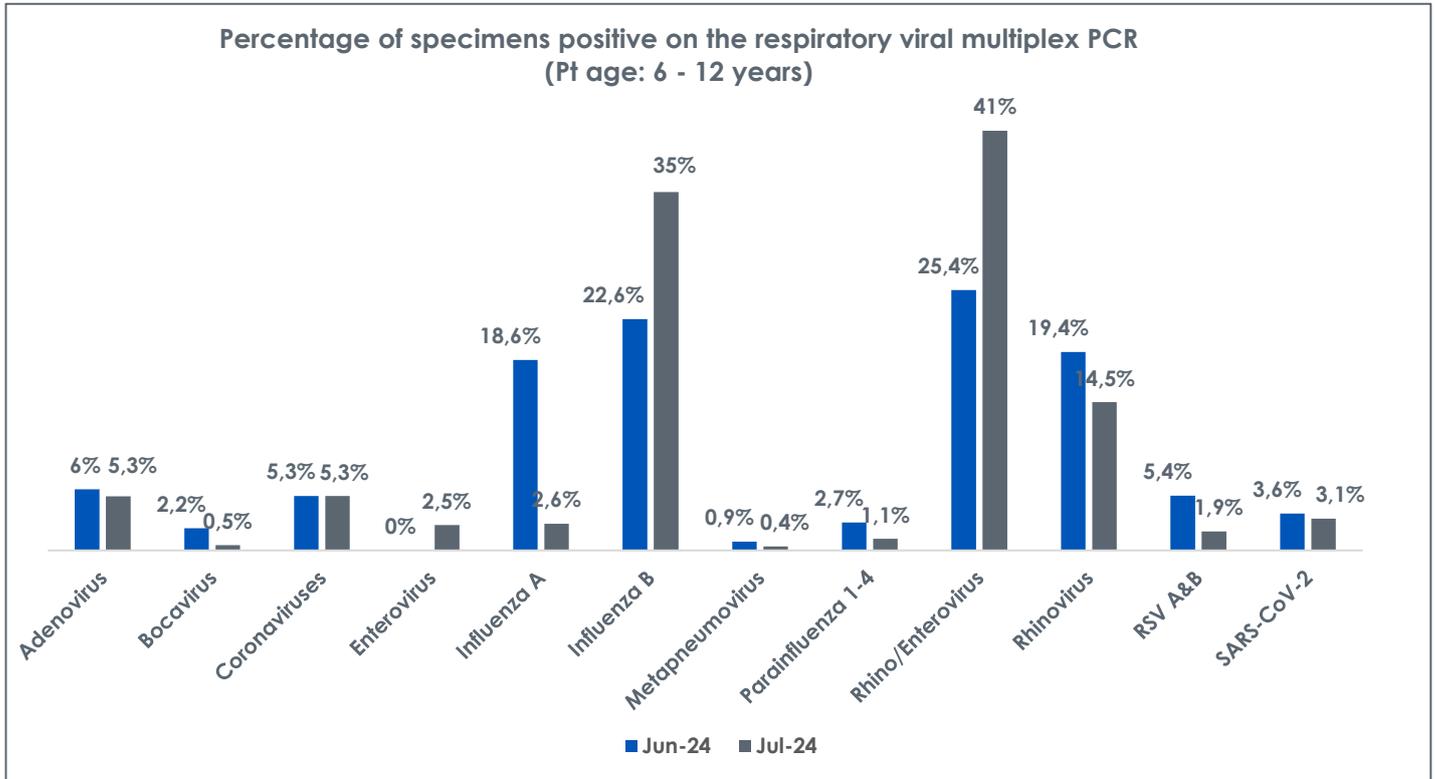


Comments

- Bordetella pertussis*, *Mycoplasma pneumoniae* and *Chlamydia pneumoniae* continue to circulate at low levels. Four cases of *Legionella pneumophila* pneumonia were detected by PCR testing during July.
- 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 16% in patients <6months 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 June:

- Less than 1 year of age: RSV continues to circulate at high levels with a positivity rate of 20%.
- 1 - 5 year of age: a significant increase in the influenza B positivity rate was observed from 9.9% in June to 19.1% in July.
- 6 - 12 year of age: a significant increase in influenza B positivity rate was observed in this age group from 22.6% in June to 35% in July.