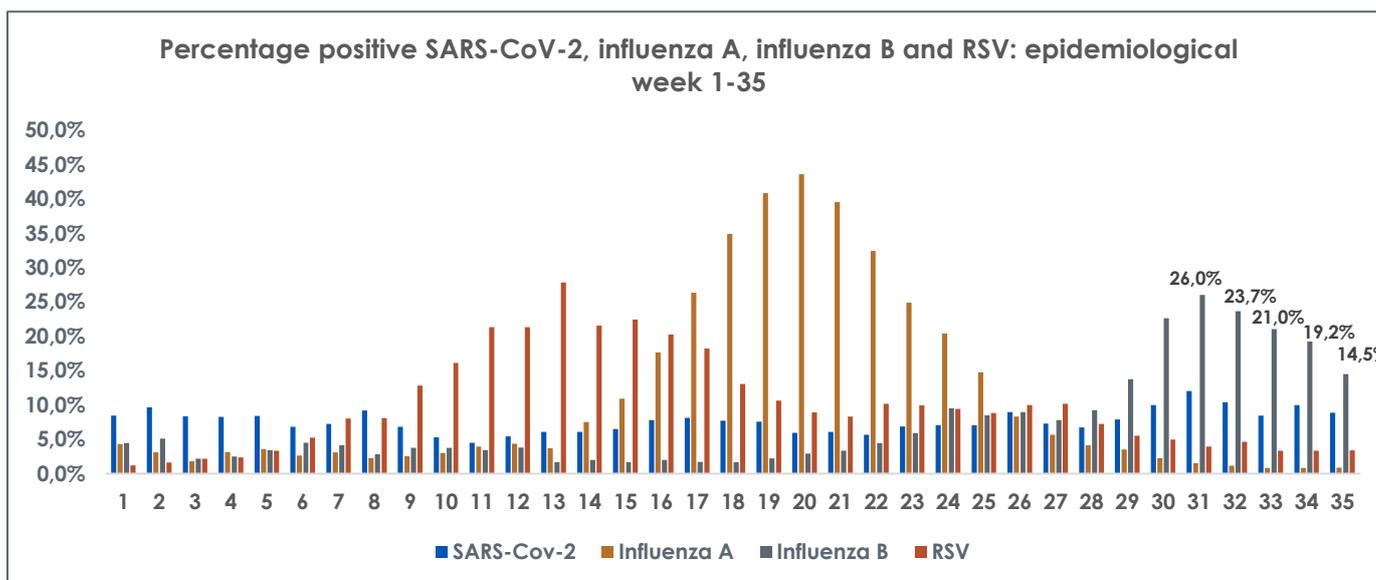
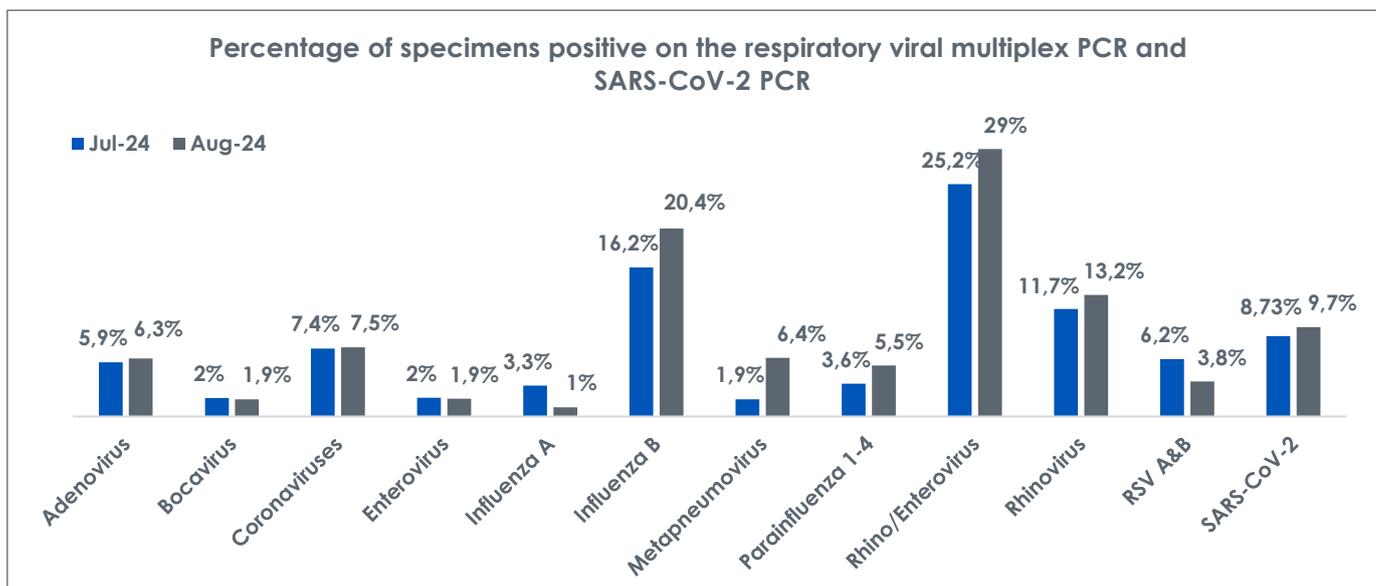


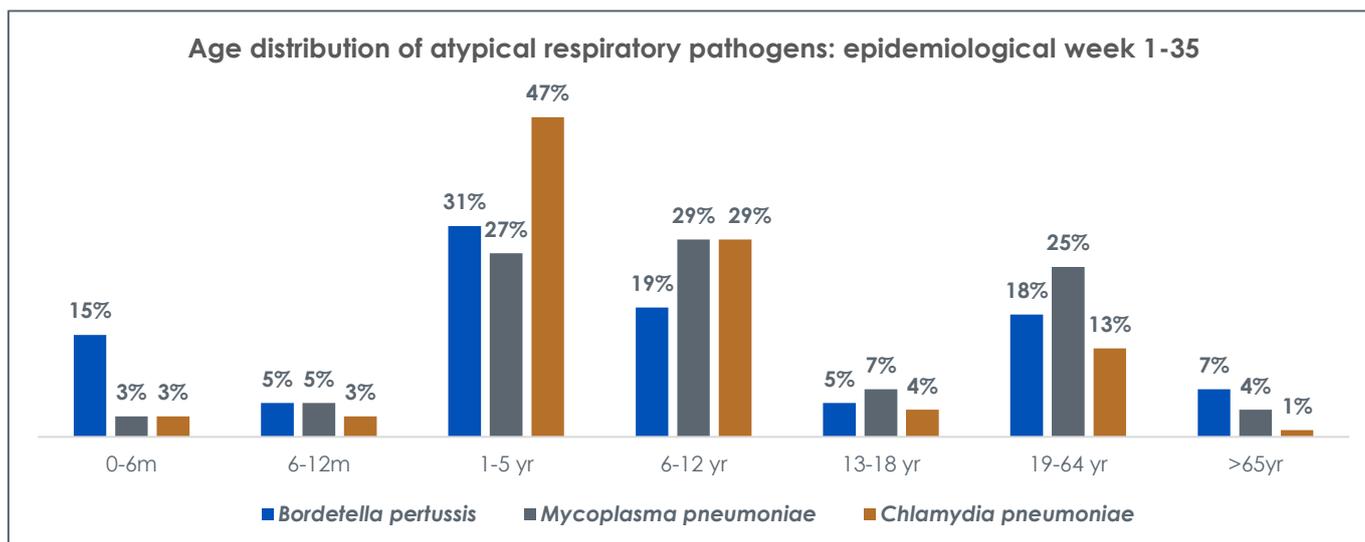
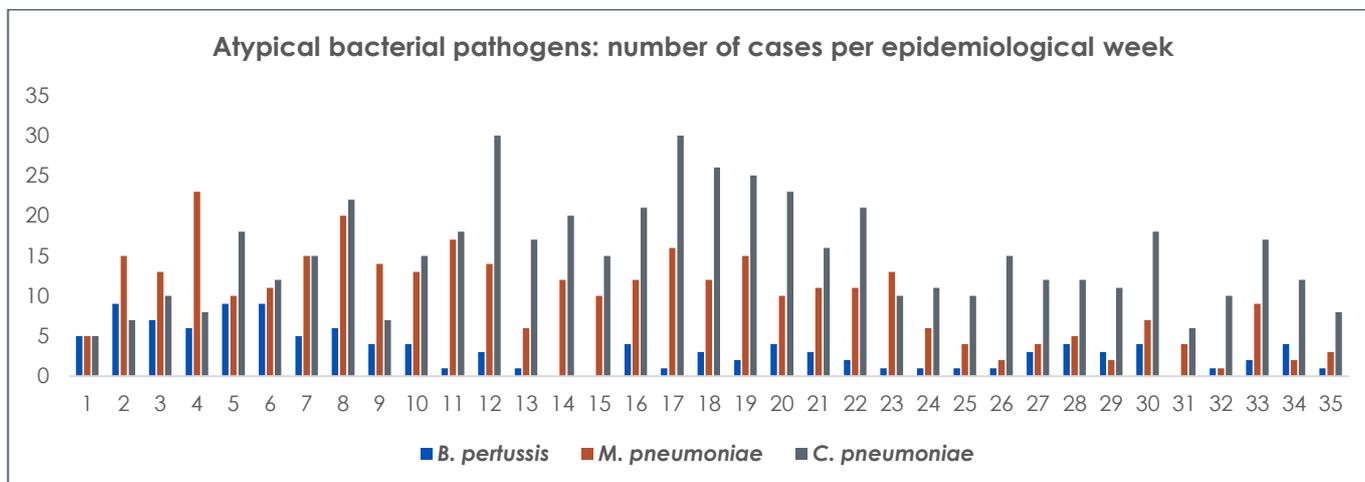
### Respiratory Virus Multiplex PCR and SARS-CoV-2 PCR: All age groups



#### Comments

- The most frequently detected viruses across all age groups during August were: rhino/enterovirus (29%) and influenza B (20.4%).
- Epidemiological week 1-35:
  - 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 0.9% in epidemiological week 35.
  - Influenza B: the number of specimens testing positive for influenza B peaked at 26% in epidemiological week 31 and declined to 14.5% during week 35.
  - 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 3.4% in week 35.

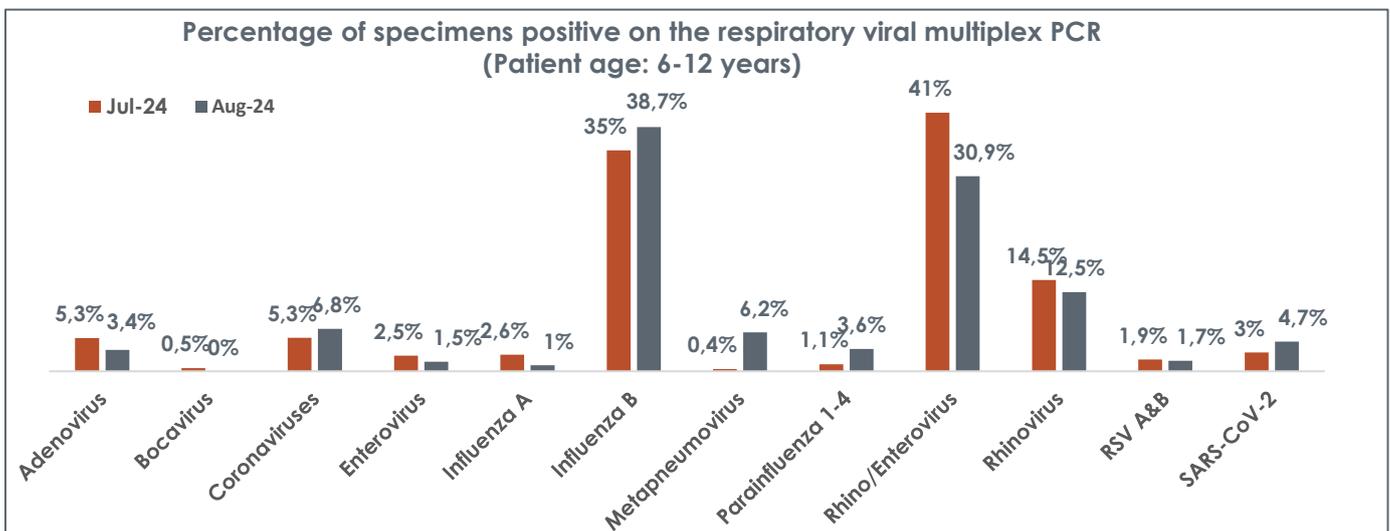
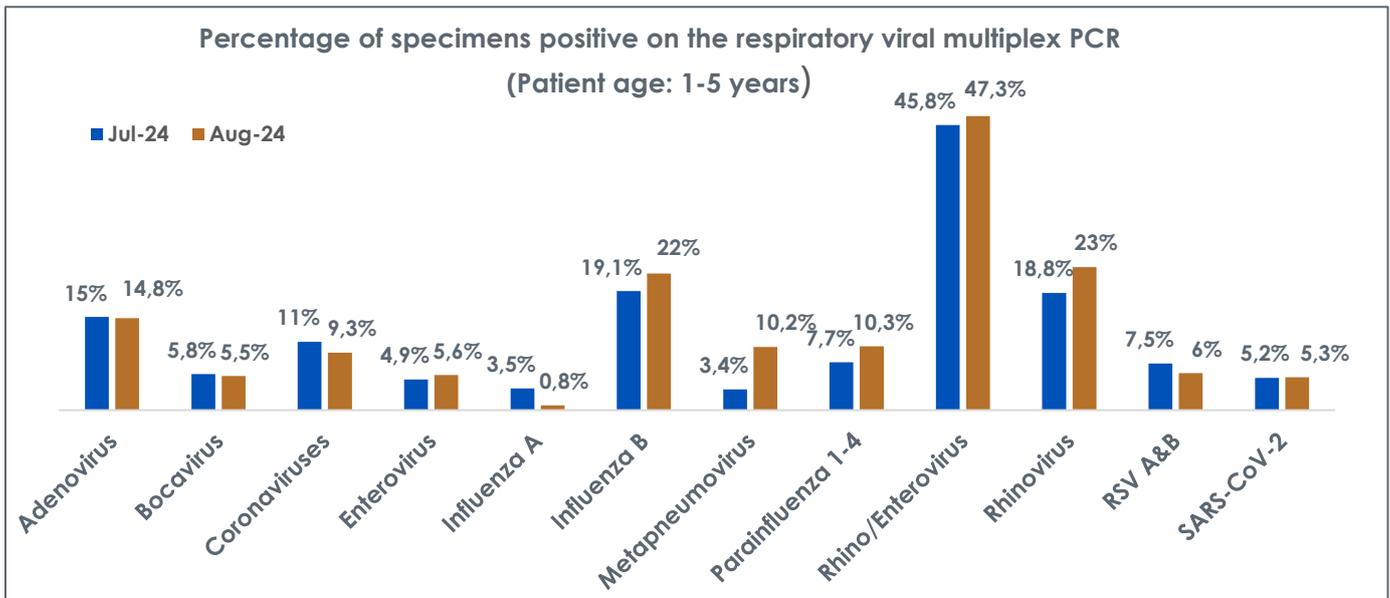
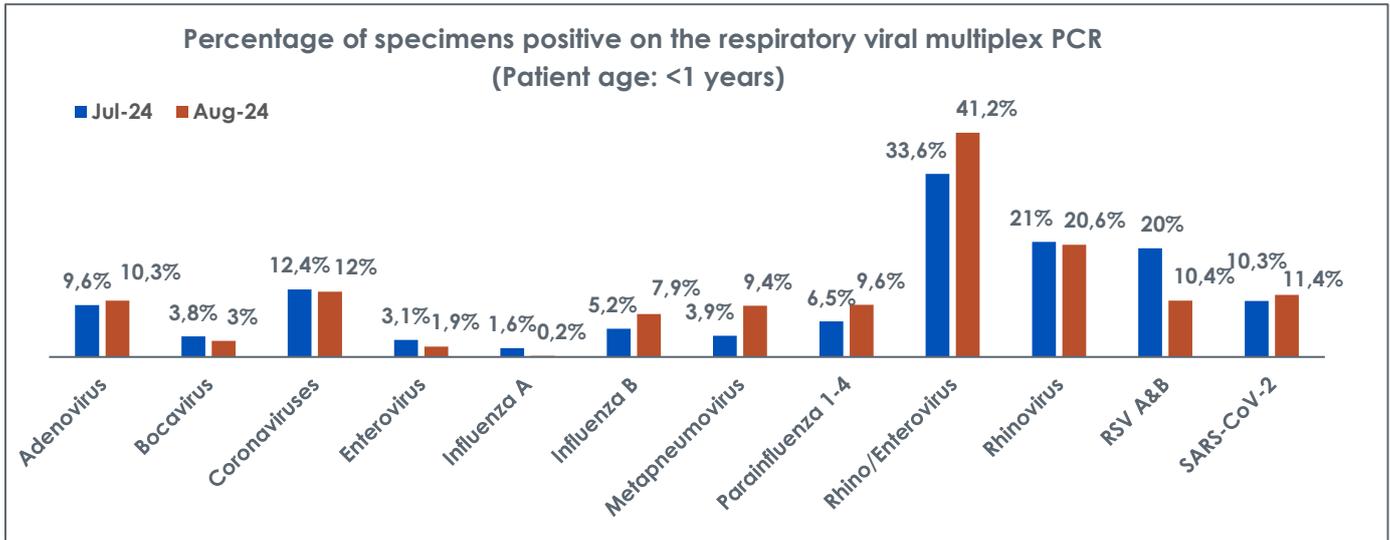
### Atypical bacterial pathogens: *Bordetella pertussis*, *Mycoplasma pneumoniae*, *Chlamydia pneumoniae* and *Legionella pneumophila*



#### Comments

- *Bordetella pertussis*, *Mycoplasma pneumoniae* and *Chlamydia pneumoniae* continue to circulate at low levels. Five cases of *Legionella pneumophila* pneumonia were detected by PCR testing during August.
- In paediatric patients most *B. pertussis* cases were detected in the 1-5 year age group (31%). Twenty five percent of cases were detected in patients >18 years and 15% 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:

- Less than 1 year of age: a significant decrease in RSV positivity rate was observed, declining to 10.4% in August from 20% in July.
- 1-5 year of age: the influenza B positivity rate was 22% during August.
- 6-12 year of age: the influenza B positivity rate in this age group remained high, increasing from 35% in July to 38.7% during August.

An increase in metapneumovirus cases was noted across all age groups.