

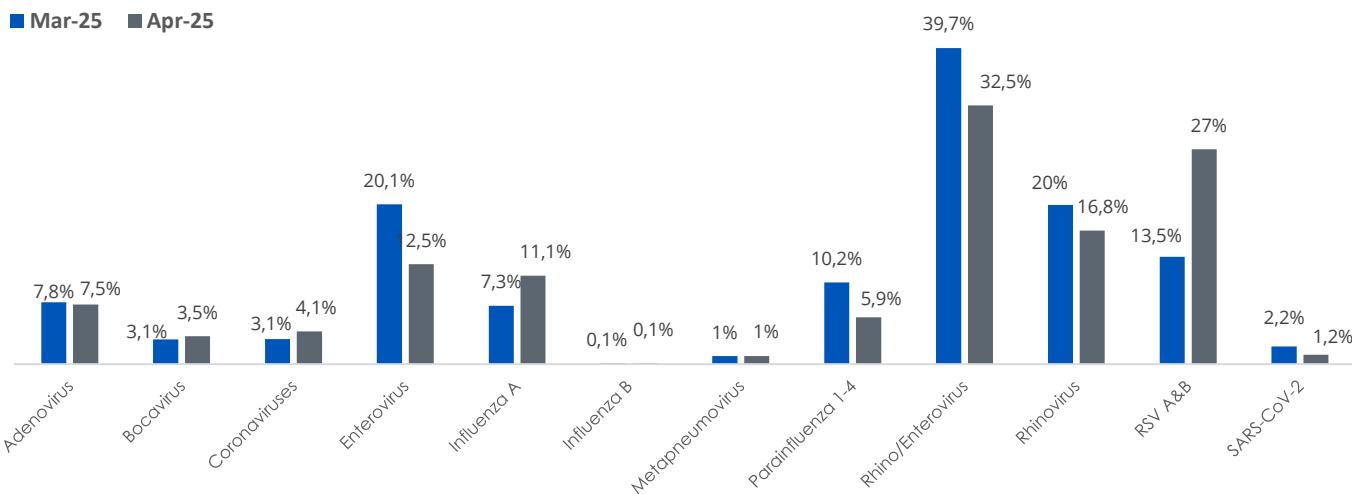
RESPIRATORY VIRUS STATISTICS

March/April 2025

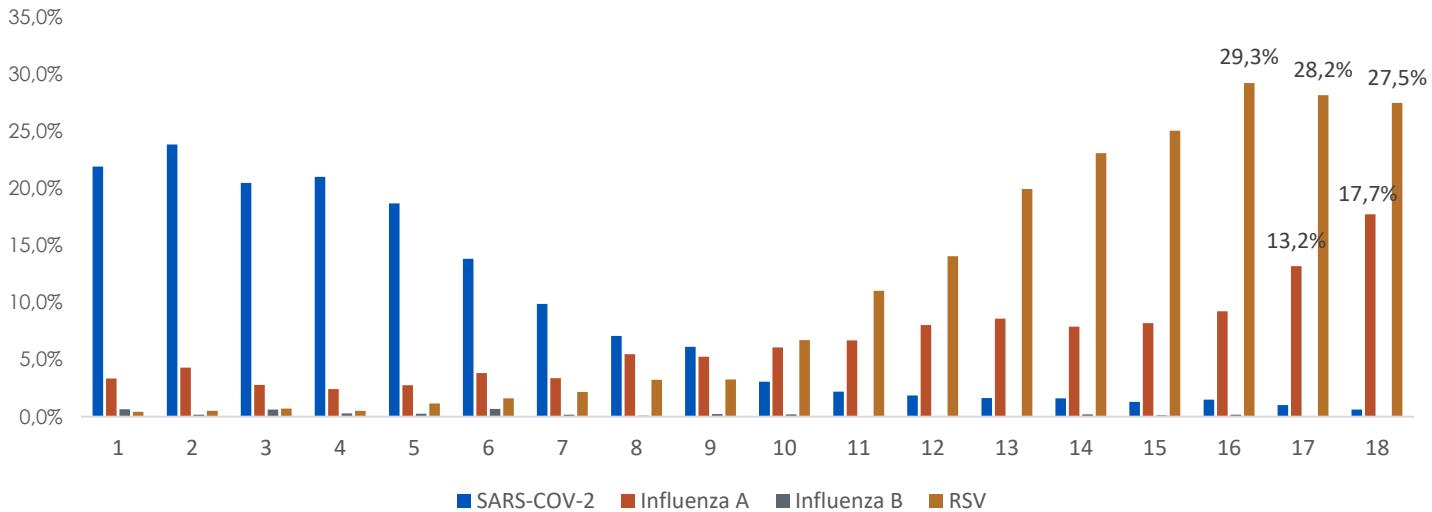


Respiratory Virus Multiplex PCR and SARS-CoV-2 PCR: All age groups

Percentage of specimens positive on the Respiratory Viral Multiplex PCR and SARS-CoV-2 PCR



Percentage SARS-CoV-2, Influenza A, Influenza B and RSV: epidemiological week 1-18

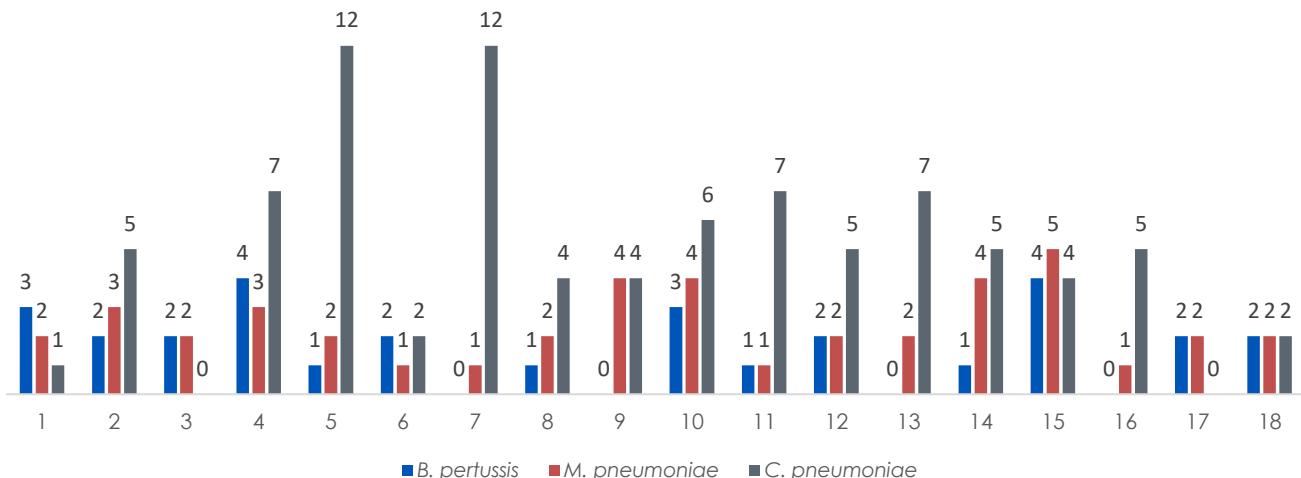


Comments

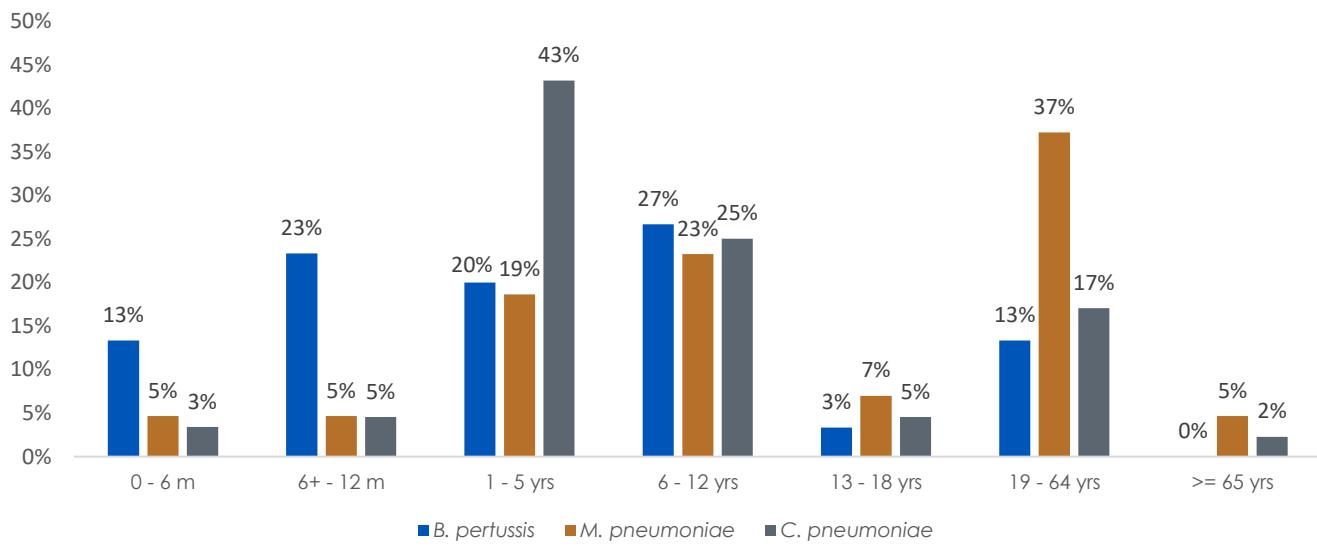
- The most frequently detected viruses across all age groups during April were: rhino/enterovirus (32.5%) and RSV (27%).
- Epidemiological week 1-18:
 - SARS-CoV-2: the number of specimens that tested positive remained low with 0.6% of specimens testing positive in week 18.
 - Influenza A and B: the number of specimens testing positive for influenza A increased significantly with 17.7% of specimens testing positive for influenza A in week 18. Influenza B rates remain low with 0.1% of specimens testing positive in week 18.
 - The RSV positivity rate remains high with 27.5% of specimens testing positive in week 18.

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

Atypical bacterial pathogens: number of cases per epidemiological week 1-18



Age distribution of Atypical Respiratory Pathogens: epidemiological week 1-18



Comments

- *Bordetella pertussis*, *Mycoplasma pneumoniae* and *Chlamydia pneumoniae* continue to circulate at low levels.
- Five cases of *Legionella pneumophila* pneumonia was detected by PCR testing during April.
- In paediatric patients, most *B. pertussis* cases were detected in the 6-12 year age group (27%).
- The majority of *C. pneumoniae* cases were detected in the 1-12 year age group.
- The majority of *M. pneumoniae* cases were detected in adults 19-64 years.

RESPIRATORY VIRUS STATISTICS

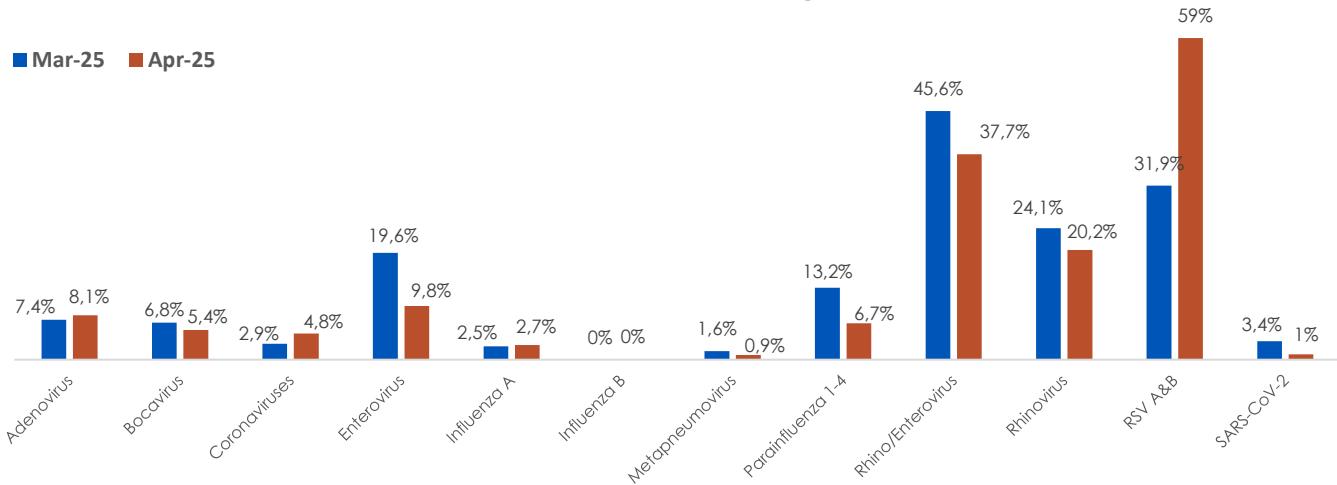
March/April 2025



Paediatric Respiratory Viral Multiplex PCR data

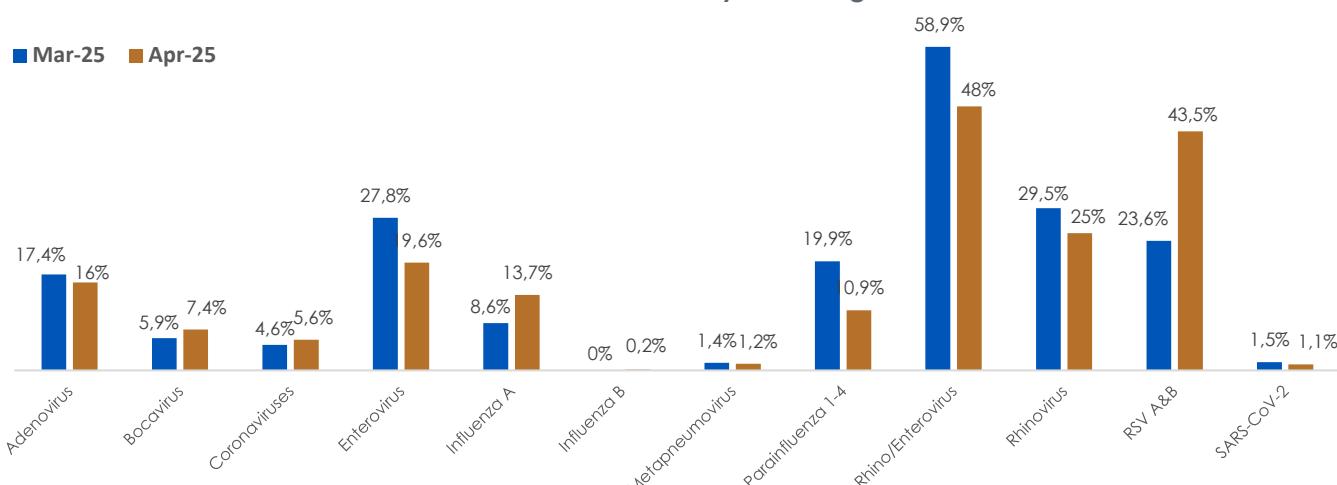
Percentage of specimens positive on the Respiratory Viral Multiplex PCR
Patients <1 year of age)

■ Mar-25 ■ Apr-25



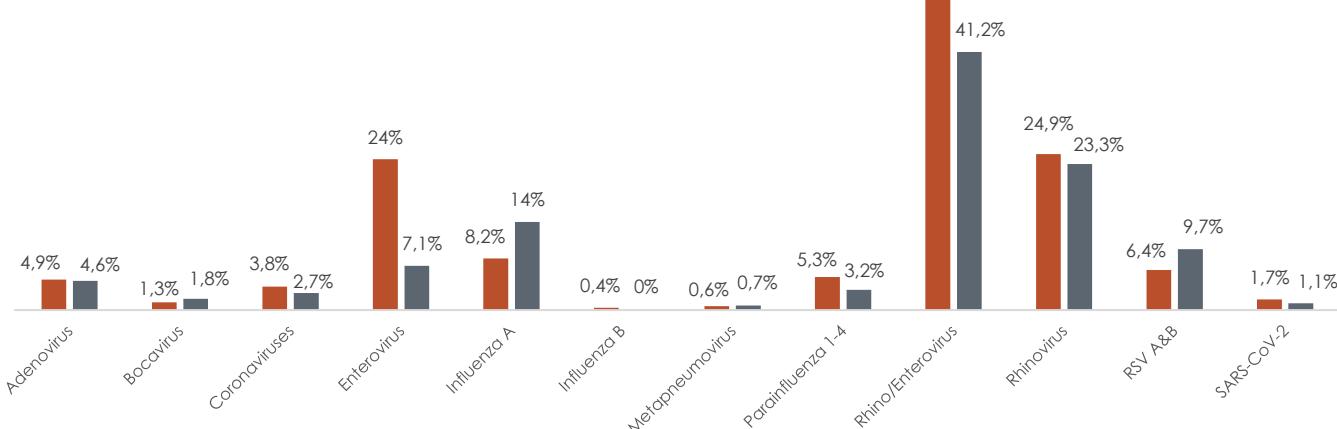
Percentage of specimens positive on the Respiratory Viral Multiplex PCR
Patients 1 - 5 years of age

■ Mar-25 ■ Apr-25



Percentage of specimens positive on the Respiratory Viral Multiplex PCR
Patients 6 - 12 years of age

■ Mar-25 ■ Apr-25



RESPIRATORY VIRUS STATISTICS

March/April 2025



Comments

Significant findings per age group during April:

- Less than 1 year of age: the most common virus detected in this age group was RSV with a positivity rate of 59%
- 1-5 years of age: the most common viruses detected in this age group were rhino/enterovirus (48%) and RSV (43.5%). Enterovirus was detected in 19.6% of specimens and adenovirus in 16% of specimens. A significant increase in influenza A cases from 8.6% in March to 13.7% during April was noted in this age group.
- 6-12 years of age: the most common virus detected in this age group during April was rhino/enterovirus (41.2%). A significant increase in influenza A was noted from 8.2% in March to 14% in April.