

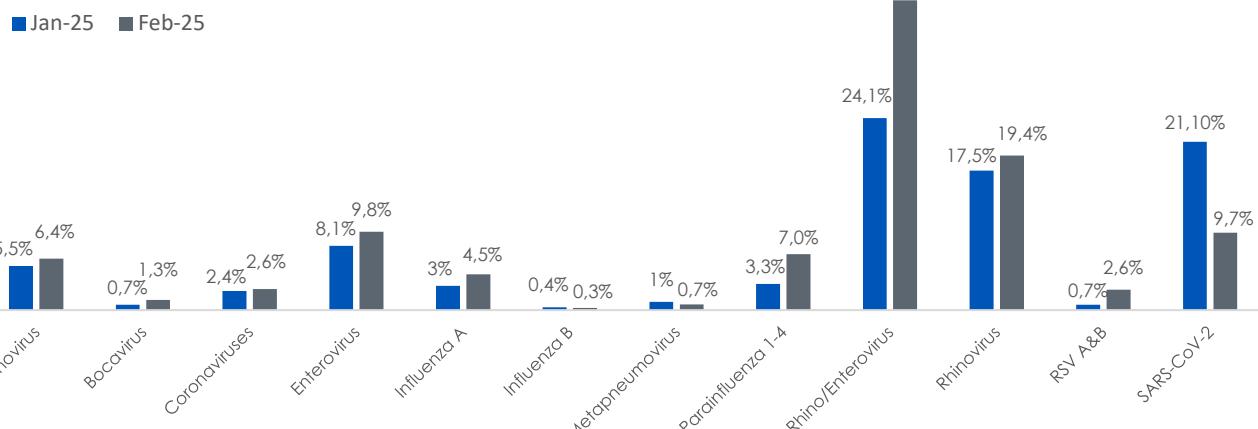
RESPIRATORY VIRUS STATISTICS

January/February 2025

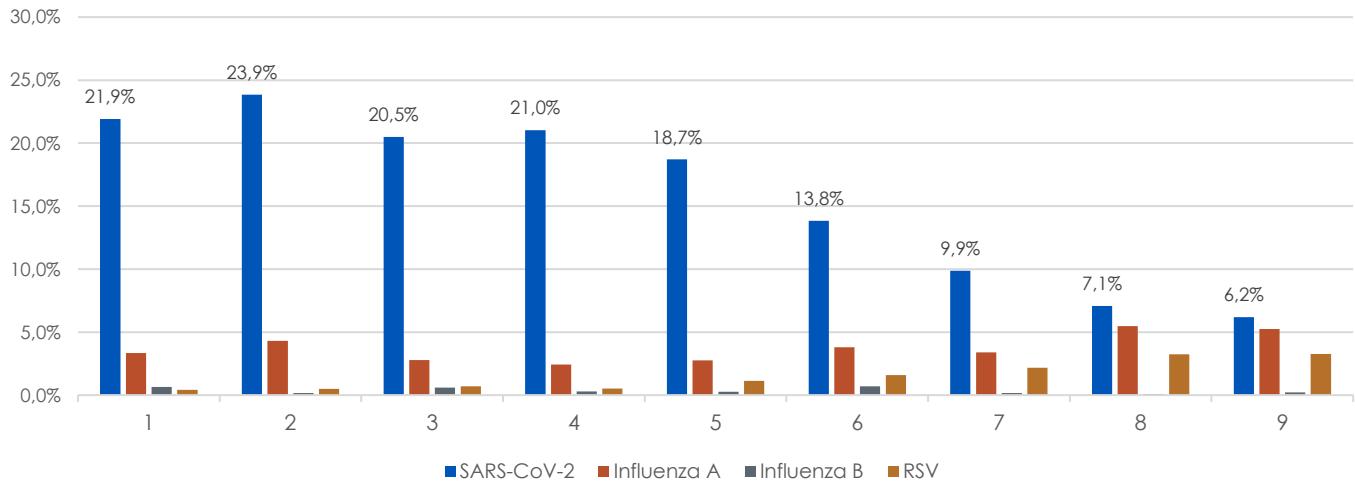


Respiratory Virus Multiplex PCR and SARS-CoV-2 PCR: All age groups

Percentage of specimens positive on the respiratory viral multiplex PCR and SARS-CoV-2 PCR



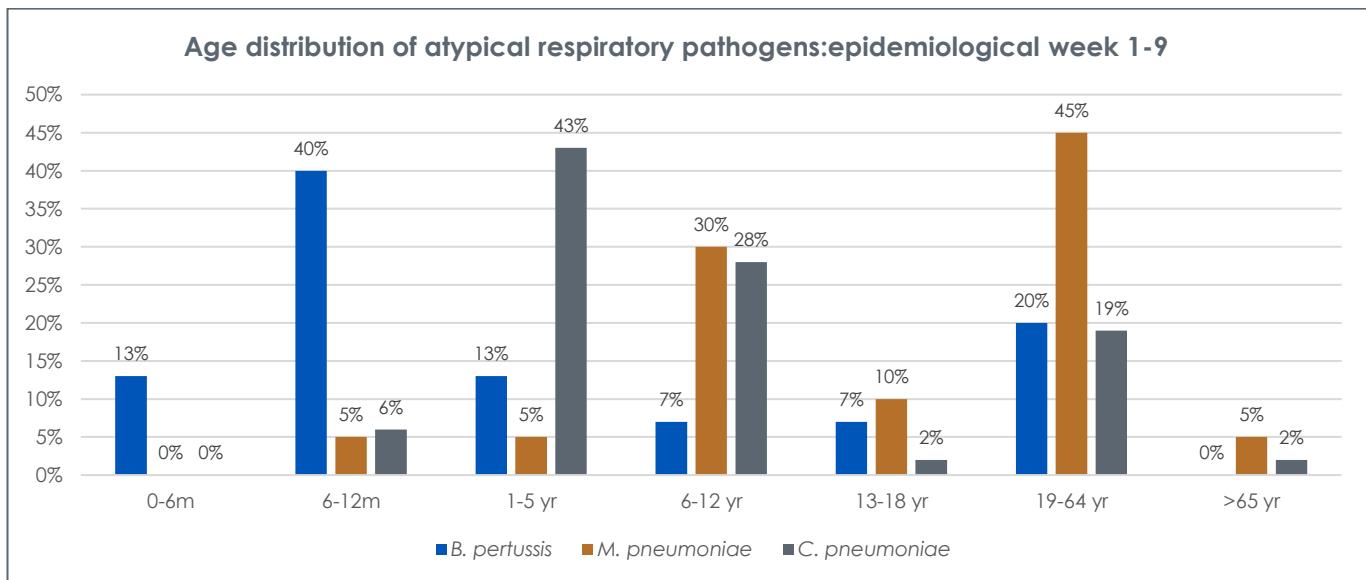
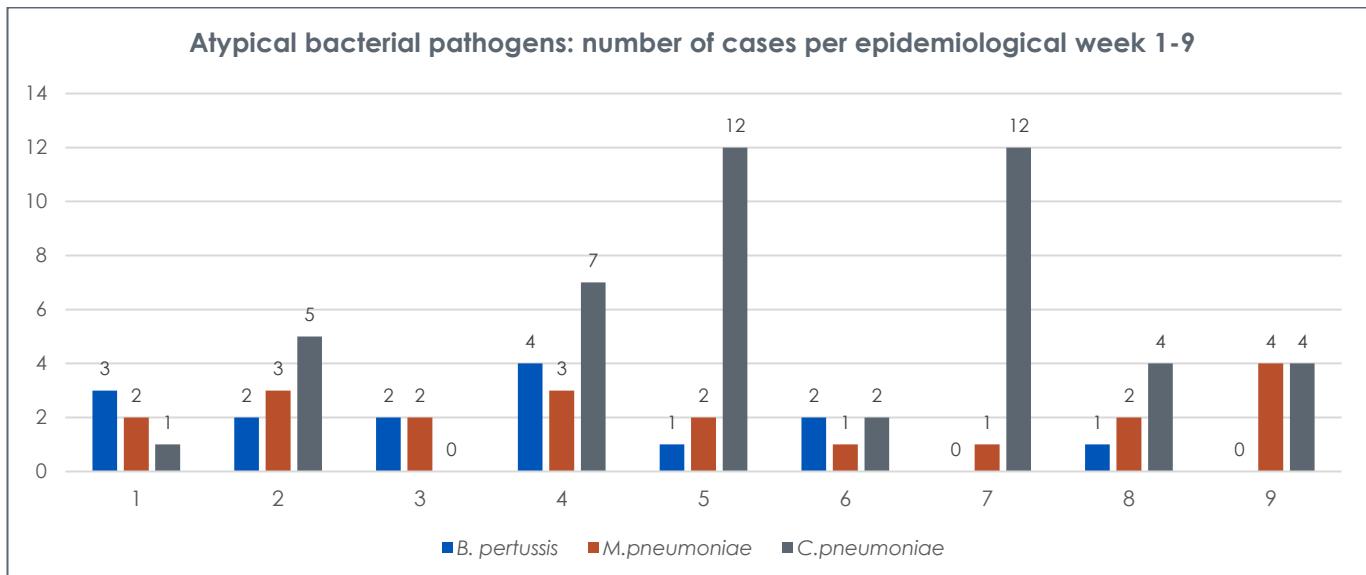
Percentage SARS-CoV-2, influenza A, influenza B and RSV: Epidemiological week 1-9



Comments

- The most frequently detected viruses across all age groups during February were: rhino/enterovirus (38.8%), rhinovirus (19.4%), enterovirus (9.8%) and SARS-CoV-2 (9.7%).
- Epidemiological week 1-9:
 - SARS-CoV-2: The number of specimens that tested positive for SARS-CoV-2 peaked in week 2 with a 23.9% positivity rate, declining to 6.2% in week 9.
 - Influenza A and B: the number of specimens testing positive for influenza B remained stable with 0.2% of specimens testing positive in week 9. An increase in the influenza A positivity rate was noted from 2.8% in week 5 to 5.2% in week 9.
 - The RSV positivity rate increased to 3.3% of specimens testing positive in week 9, up from 1.1% 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. Six cases of *Legionella pneumophila* pneumonia was detected by PCR testing during February.
- In paediatric patients most *B. pertussis* cases were detected in the 6-12 month age group (40%). Twenty percent of cases were detected in patients >18 years.
- 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.

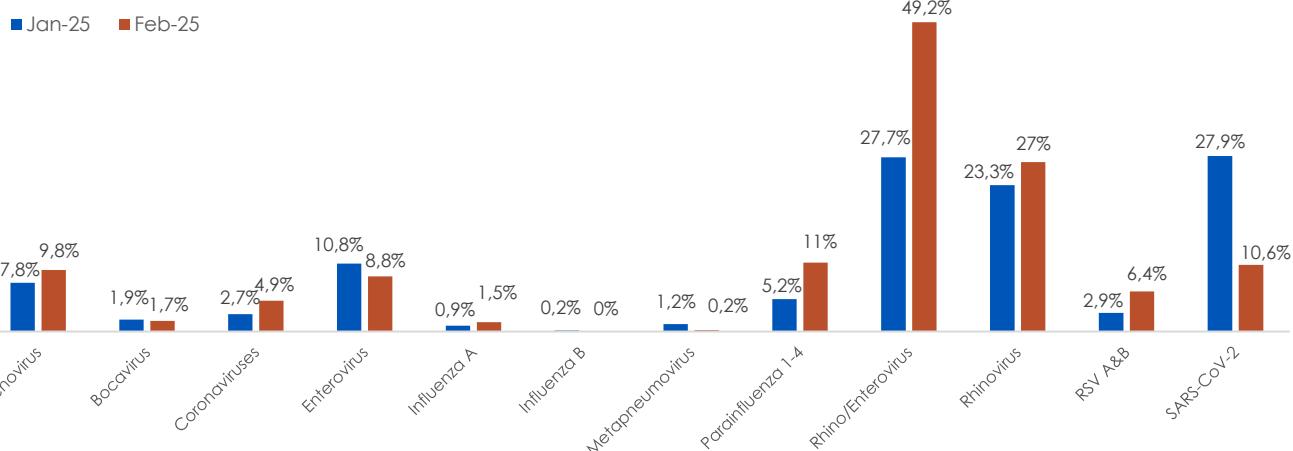
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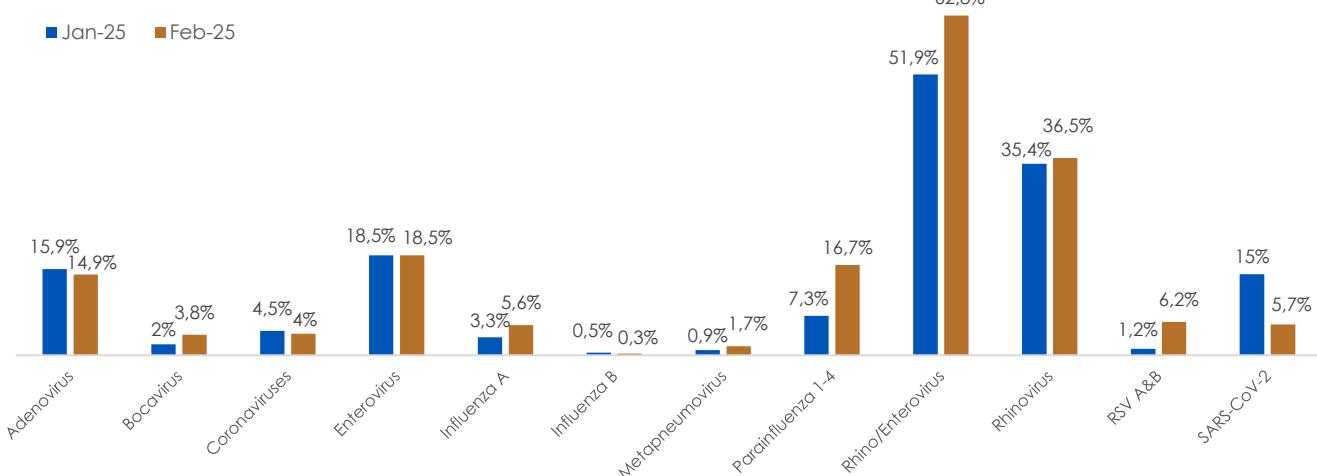


Paediatric Respiratory Viral Multiplex PCR data

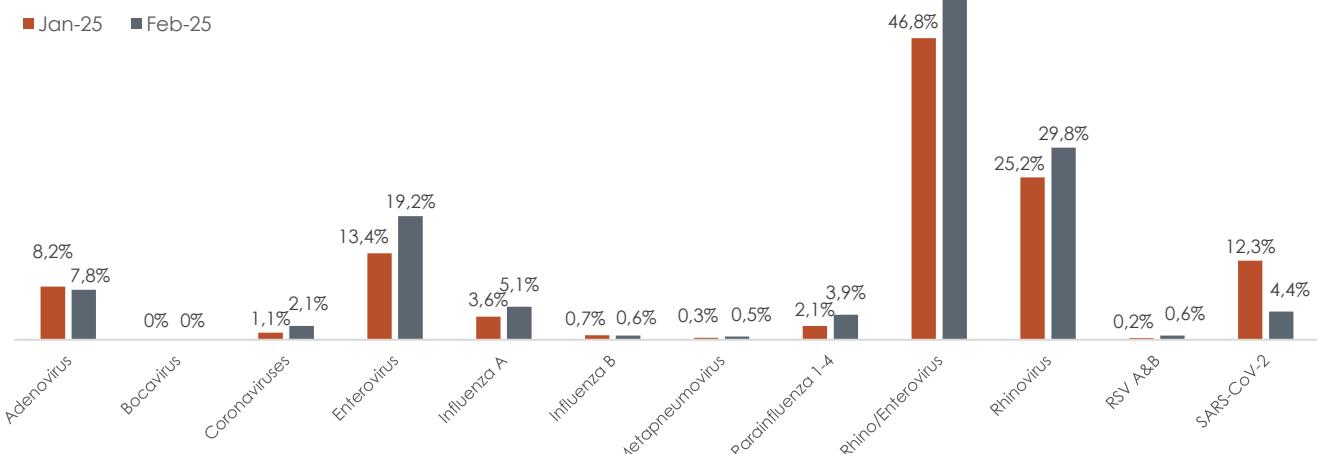
Percentage of specimens positive on the respiratory viral multiplex PCR
(Pt age: <1 years)



Percentage of specimens positive on the respiratory viral multiplex PCR
(Pt age: 1 - 5 years)



Percentage of specimens positive on the respiratory viral multiplex PCR
(Pt age: 6 - 12 years)



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Comments

Significant findings per age group during January:

- Less than 1 year of age: the most common viruses detected in this age group during February were rhino/enterovirus (49.2%), rhinovirus (27%) and SARS-CoV-2 (10.6%)
- 1-5 years of age: the most common viruses detected in this age group during February were rhino/enterovirus(62.8%), rhinovirus (36.5%), enterovirus (18.5%) and parainfluenza virus (16.7%).
- 6-12 years of age: the most common viruses detected in this age group during February were rhino/enterovirus (54%), rhinovirus (29.8%) and enterovirus (19.2%).