



# Virological surveillance

## RespiVirNet

**Report for week 16/2024**  
(15<sup>th</sup> – 21<sup>st</sup> April 2024)

### Summary

The present report summarizes the results obtained in the context of the virological surveillance activities in Italy, coordinated by the National Influenza Centre (NIC) laboratory at ISS, in collaboration with a network of 24 regional influenza laboratories (RespiVirNet).

During the sixteenth week of 2024 (**week 16/2024**) of virological surveillance, 1,252 clinical specimens were received by the RespiVirNet network laboratories and **30 (2.4%)** resulted positive for influenza. Among these samples, 6 belonged to influenza type **A** (3 were **H3N2** and 3 not yet subtyped) and 24 to influenza type **B**.

Overall, the circulation of respiratory viruses continued to decline. In particular, among the above analyzed samples, 12 (0.9%) resulted positive for **SARS-CoV-2**, 9 (0.7%) for **RSV** and the other 403 were attributed to other respiratory viruses, in particular 165 Rhinoviruses, 111 Metapneumoviruses, 56 Parainfluenza viruses, 34 Adenoviruses, 23 human Coronaviruses (not SARS-CoV-2), and 14 Bocavirus.

During this week, six samples resulted positive for *Mycoplasma pneumoniae*.

So far, in the 2023/2024 influenza season (week 46/2023-16/2024), a prevalence of influenza type A viruses has been observed, mostly belonging to the H1N1pdm09 subtype. In particular, among a total of 58,671 collected samples, 7,964 (13.6%) resulted positive for influenza, of which 7,287 (91.5%) were positive for influenza A and 677 (8.5%) for influenza B.

Among the influenza A viruses that were subtyped (N=6,247), 94.8% (N=5,922) were A(H1N1)pdm09 and 5.2% (N=325) were A(H3N2); the remaining 1,040 A strains have not been subtyped yet.

Additional information and data for this report may be found in the full Italian version.

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