



# Virological surveillance

## RespiVirNet

**Report for week 02/2024**  
(8<sup>th</sup> – 14<sup>th</sup> January 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 second week of 2024 (**week 02/2024**) of virological surveillance, a further decrease in influenza virus circulation in Italy (29.6%) compared to the previous week (37.4 %) has been reported. During this week 2,679 clinical specimens were received by the RespiVirNet network laboratories and **795 (29.6%)** resulted positive for influenza. Among these samples, 789 belonged to influenza type **A** (582 were **H1N1pdm09**, 23 were **H3N2** and 184 not yet subtyped) and 6 to influenza type **B**.

Among the above analyzed samples, 174 (6.5%) resulted **SARS-CoV-2**, 241 (9%) **RSV** and the other 172 were attributed to other respiratory viruses, in particular 84 Rhinoviruses, 34 human Coronaviruses (not SARS-CoV-2), 32 Adenoviruses, 14 Metapneumoviruses, 5 Parainfluenza viruses and 5 Bocavirus. One sample resulted positive for *Mycoplasma pneumoniae*.

So far, in the 2023/2024 influenza season (week 46/2023-02/2024), a prevalence of influenza type A viruses has been observed, mostly belonging to the H1N1pdm09 subtype. In particular, among a total of 15,477 collected samples, 4,386 (28.3%) resulted positive for influenza, of which 4,343 (99%) were positive for influenza A and 43 (1%) for influenza B.

Among the influenza A viruses that were subtyped (N=3,704), 96.8% (N=3,584) were A(H1N1)pdm09 and 3.2% (N=120) were A(H3N2); the remaining 639 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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