



# Virological surveillance

## RespiVirNet

**Report for week 01/2024**  
(1<sup>st</sup> – 7<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 first week of 2024 (**week 01/2024**) of virological surveillance, a decrease in the proportion of influenza positive samples (34%) has been reported in Italy, compared to the previous week (46%). During this week 2,295 clinical specimens were received by the RespiVirNet network laboratories and **782 (34%)** resulted positive for influenza. Among these samples, 777 belonged to influenza type **A** (495 were **H1N1pdm09**, 25 were **H3N2** and 257 not yet subtyped) and 5 to influenza type **B**.

Among the above analyzed samples, 193 (8.4%) resulted **SARS-CoV-2**, 211 (9.2%) **RSV** and the other 139 were attributed to other respiratory viruses, in particular 72 Rhinoviruses, 25 human Coronaviruses (not SARS-CoV-2), 22 Adenoviruses, 11 Metapneumoviruses, 7 Parainfluenza viruses and 2 Bocavirus. Two samples resulted positive for *Mycoplasma pneumoniae*.

So far, in the 2023/2024 influenza season (week 46/2023-01/2024), a prevalence of influenza type A viruses has been observed, mostly belonging to the H1N1pdm09 subtype. In particular, among a total of 12,521 collected samples, 3,382 (27%) resulted positive for influenza, of which 3,347 (99%) were positive for influenza A and 35 (1%) for influenza B.

Among the influenza A viruses that were subtyped (N=2,711), 96.9% (N=2,628) were A(H1N1)pdm09 and 3.1% (N=83) were A(H3N2); the remaining 636 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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