



# Virological surveillance

## RespiVirNet

**Report for week 48/2023**  
(27<sup>th</sup> November – 3<sup>rd</sup> December 2023)

### Summary

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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 forty-eighth week of 2023 (**week 48/2023**), virological surveillance showed a low influenza virus circulation in Italy. In particular, **1115** clinical specimens were received by the RespiVirNet network laboratories and **87 (7.8%)** resulted positive for influenza. Among these samples, 85 belonged to influenza type **A** (74 were **H1N1pdm09**, 3 were **H3N2** and 8 not yet subtyped) and 2 to influenza type **B**.

Among the above analyzed samples, 163 (14.6%) resulted **SARS-CoV-2**, 80 (7.1%) **RSV** and the other 197 were attributed to other respiratory viruses, in particular 134 Rhinoviruses, 31 Adenoviruses, 13 human Coronaviruses (not SARS-CoV-2), 11 Parainfluenza viruses, 6 Metapneumoviruses and 2 Bocavirus. Moreover, four more samples resulted positive for *Mycoplasma pneumoniae*.

So far, in the 2023/2024 influenza season (week 46-48/2023), a prevalence of influenza type A viruses has been observed, mostly belonging to the H1N1pdm09 subtype. In particular, among a total of 2,963 collected samples, 163 (5.5%) resulted positive for influenza, of which 158 (96.9%) were positive for influenza A and 5 (3.1%) for influenza B.

Among the influenza A viruses that were subtyped (N=146), 93.8% (N=137) were A(H1N1)pdm09 and 6.2% (N=9) were A(H3N2); the remaining 12 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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