



# Virological surveillance

## RespiVirNet

**Report for week 52/2023**  
(25<sup>th</sup> – 31<sup>st</sup> December 2023)

### 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 fifty-second week of 2023 (**week 52/2023**) of virological surveillance, a further increase in influenza virus circulation in Italy (37.5%) compared to the previous week (33.5%) has been reported. During this week 1,461 clinical specimens were received by the RespiVirNet network laboratories and **548 (37.5%)** resulted positive for influenza. Among these samples, 543 belonged to influenza type **A** (398 were **H1N1pdm09**, 7 were **H3N2** and 138 not yet subtyped) and 5 to influenza type **B**.

Among the above analyzed samples, 134 (9.2%) resulted **SARS-CoV-2**, 114 (7.8%) **RSV** and the other 103 were attributed to other respiratory viruses, in particular 56 Rhinoviruses, 15 human Coronaviruses (not SARS-CoV-2), 13 Adenoviruses, 11 Parainfluenza viruses, 6 Metapneumoviruses and 2 Bocavirus.

So far, in the 2023/2024 influenza season (week 46-52/2023), a prevalence of influenza type A viruses has been observed, mostly belonging to the H1N1pdm09 subtype. In particular, among a total of 9,305 collected samples, 2,027 (21.8%) resulted positive for influenza, of which 2003 (98.8%) were positive for influenza A and 24 (1.2%) for influenza B.

Among the influenza A viruses that were subtyped (N=1,704), 97.5% (N=1,662) were A(H1N1)pdm09 and 2.5% (N=42) were A(H3N2); the remaining 299 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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