



# INFLUENZA VIROLOGICAL SURVEILLANCE

## Report for week 15/2023

NIC - DMI



## Summary

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The present report summarises 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 23 regional influenza laboratories (InfluNet).

During the twenty-second week of virological surveillance (**week 15/2023**) for the 2022/2023 season, influenza virus circulation continues to decline in Italy, after the peak registered at the end of 2022. The proportion of influenza positive specimens observed this week (6%) decreased in comparison to the previous one (8%). In particular, this week, **514** clinical specimens were received by the InluNet network laboratories and, among the **476** analyzed samples, **29 (6%)** resulted positive for influenza. Among these samples, 5 belonged to influenza type **A** (4 were **H1N1pdm09** and one have not been subtyped yet) and 24 to influenza type **B**.

Among the above analyzed samples, 21 (4.4%) resulted **SARS-CoV-2** and 101 were attributed to other respiratory viruses, in particular 40 (8.4%) Rhinoviruses, 22 (4.6%) Adenoviruses, 19 (4%) Parainfluenza viruses, 8 Metapneumoviruses, 8 human Coronaviruses (not SARS-CoV-2), 3 RSV and one Bocavirus.

So far, in the 2022/2023 influenza season (week 46/2022-15/2023), a prevalence of influenza type A viruses (80.4%) has been observed, mostly belonging to the H3N2 subtype. In particular, among a total of 27,350 collected samples, 6,212 (22.7%) resulted positive for influenza, of which 4,997 (80.4%) were positive for influenza A and 1,215 (19.6%) for influenza B.

Among the influenza A viruses, 79.2% (N=3,958) were A(H3N2) and 14% (N=703) were A(H1N1)pdm09; the remaining 336 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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