



## INFLUENZA VIROLOGICAL SURVEILLANCE

### Report for week 14/2023

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-first week of virological surveillance (**week 14/2023**) 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 (9%) decreased in comparison to the previous one (12.5%). In particular, this week, **542** clinical specimens were received by the InfluNet network laboratories and, among the **511** analyzed samples, **46 (9%)** resulted positive for influenza. Among these samples, 15 belonged to influenza type **A** (12 were **H1N1pdm09** and 3 have not been subtyped yet) and 31 to influenza type **B**.

Among the above analyzed samples, 18 (3.5%) resulted **SARS-CoV-2** and 112 were attributed to other respiratory viruses, in particular 40 (7.8%) Rhinoviruses, 25 (4.9%) Adenoviruses, 24 (4.7%) Parainfluenza viruses, 13 Metapneumoviruses, 6 human Coronaviruses (not SARS-CoV-2), 3 RSV and one Bocavirus.

So far, in the 2022/2023 influenza season (week 46/2022-14/2023), a prevalence of influenza type A viruses (80.7%) has been observed, mostly belonging to the H3N2 subtype. In particular, among a total of 26,756 collected samples, 6,181 (23.1%) resulted positive for influenza, of which 4,992 (80.7%) were positive for influenza A and 1,189 (19.3%) for influenza B.

Among the influenza A viruses, 79.2% (N=3,954) were A(H3N2) and 13.9% (N=696) were A(H1N1)pdm09; the remaining 342 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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