



INFLUENZA VIROLOGICAL SURVEILLANCE

Report for week 07/2023

NIC - DMI



Summary

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 fourteenth week of virological surveillance (**week 07/2023**) for the 2022/2023 season, influenza virus circulation is quite stable in Italy, after the peak registered at the end of 2022, although a slight increase in the proportion of influenza positive specimens (11.9%) was observed this week, in comparison to the previous one. In particular, this week, **955** clinical specimens were received by the InluNet network laboratories and, among the **897** analyzed samples, **107 (11.9%)** resulted positive for influenza. Among these samples, 46 belonged to influenza type **A** (5 were **H3N2**, 34 were **H1N1pdm09** and 7 have not been subtyped yet) and 61 to influenza type **B**.

Among the above analyzed samples, 59 (6.6%) resulted **SARS-CoV-2** and 207 were attributed to other respiratory viruses, in particular 66 (7.3%) **RSV**, 56 Metapneumoviruses, 53 Rhinoviruses, 18 Adenoviruses, 7 Parainfluenza viruses, 6 human Coronaviruses (not SARS-CoV-2) and one Bocavirus.

So far, in the 2022/2023 influenza season (week 46/2022-07/2023), a large prevalence of influenza type A viruses (94%) has been observed, mostly belonging to the H3N2 subtype. In particular, among a total of 19,699 collected samples, 4,991 (25.3%) resulted positive for influenza, of which 4,675 (94%) were positive for influenza A and 316 (4%) for influenza B.

Among the influenza A viruses, 82.7% (N=3,869) were A(H3N2) and 9.9% (N=464) 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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