



INFLUENZA VIROLOGICAL SURVEILLANCE

Report for week 02/2023

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 ninth week of virological surveillance (**week 02/2023**) for the 2022/2023 season, influenza virus circulation is still significant in Italy, although showing a slight and gradual decrease. In particular, **1,431** clinical specimens were received by the InfluNet network laboratories and, among the **1,300** analyzed samples, **139 (10.7%)** resulted positive for influenza. Among these samples, 127 belonged to influenza type **A** (67 were **H3N2**, 25 were **H1N1pdm09** and 35 have not been subtyped yet) and 12 to influenza type **B**.

Among the above analyzed samples, 96 (7.4%) resulted **SARS-CoV-2** and 351 were attributed to other respiratory viruses, in particular 250 (19.2%) **RSV**, 48 Rhinoviruses, 22 Adenoviruses, 18 Metapneumoviruses, 7 Parainfluenza viruses, 4 human Coronaviruses (not SARS-CoV-2) and 2 Bocaviruses.

So far, in the 2022/2023 influenza season (week 46/2022-02/2023), a large prevalence of influenza type A viruses (98.5%) has been observed, mostly belonging to the H3N2 subtype. In particular, among a total of 13,534 collected samples, 4,230 (31.2%) resulted positive for influenza, of which 4,165 (98.5%) were positive for influenza A and 65 (1.5%) for influenza B.

Among the influenza A viruses, 84.6% (N=3,526) were A(H3N2) and 6.2% (N=257) were A(H1N1)pdm09; the remaining 382 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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