



INFLUENZA VIROLOGICAL SURVEILLANCE

Report for week 03/2023

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 tenth week of virological surveillance (**week 03/2023**) for the 2022/2023 season, influenza virus circulation is gradually declining in Italy, after registering a peak in the proportion of influenza positive specimens at the beginning of December. In particular, this week, **1,220** clinical specimens were received by the InluNet network laboratories and, among the **1.124** analyzed samples, **140 (12.4%)** resulted positive for influenza. Among these samples, 111 belonged to influenza type A (69 were **H3N2**, 25 were **H1N1pdm09** and 17 have not been subtyped yet) and 29 to influenza type **B**.

Among the above analyzed samples, 64 (5.7%) resulted **SARS-CoV-2** and 258 were attributed to other respiratory viruses, in particular 195 (17.3%) **RSV**, 25 Rhinoviruses, 22 Metapneumoviruses, 8 Parainfluenza viruses, 4 Adenoviruses, 3 human Coronaviruses (not SARS-CoV-2) and one Bocavirus.

So far, in the 2022/2023 influenza season (week 46/2022-03/2023), a large prevalence of influenza type A viruses (97.7%) has been observed, mostly belonging to the H3N2 subtype. In particular, among a total of 14,956 collected samples, 4,476 (29.9%) resulted positive for influenza, of which 4,373 (97.7%) were positive for influenza A and 103 (2.3%) for influenza B.

Among the influenza A viruses, 84.2% (N=3,681) were A(H3N2) and 7.1% (N=311) were A(H1N1)pdm09; the remaining 381 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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