



INFLUENZA VIROLOGICAL SURVEILLANCE

Report for week 48/2022

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 forty-eighth week of 2022 (**week 48/2022**), virological surveillance reported a significant influenza virus circulation in Italy. In particular, **1,263** clinical specimens were received by the InfluenzaNet network laboratories and, among the **1,145** analyzed samples, **472 (41.2%)** resulted positive for influenza, all belonging to influenza type **A** (368 were **H3N2**, 22 were **H1N1pdm09** and 82 not yet subtyped).

Among the above analyzed samples, 123 (10.7%) resulted SARS-CoV-2 and 211 were attributed to other respiratory viruses, in particular 138 (12%) RSV, 43 (3.8%) Rhinoviruses, 12 human Coronaviruses (not SARS-CoV-2), 7 Parainfluenza viruses, 6 Adenoviruses, 4 Metapneumovirus and 1 Bocavirus.

So far, in the 2022/2023 influenza season (week 46-48/2022), a large prevalence of influenza type A viruses (99.8%) has been observed, mostly belonging to the H3N2 subtype. In particular, among a total of 2,889 collected samples, 1,122 (38.8%) resulted positive for influenza, of which 1,120 (99.8%) were positive for influenza A and 2 (0.2%) for influenza B.

Among the influenza A viruses that were subtyped (N= 971), 83% (N=931) were A(H3N2) and 3.6% (N=40) were A(H1N1)pdm09; the remaining 149 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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