



INFLUENZA VIROLOGICAL SURVEILLANCE

Report for week 49/2022

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-ninth week of 2022 (**week 49/2022**), virological surveillance continues to report a significant influenza virus circulation in Italy. In particular, **1,420** clinical specimens were received by the InfluNet network laboratories and, among the **1,293** analyzed samples, **503 (38.9%)** resulted positive for influenza. Among these samples, 498 belonged to influenza type **A** (415 were **H3N2**, 20 were **H1N1pdm09** and 63 not yet subtyped) and five to influenza type **B**.

Among the above analyzed samples, 93 (7.2%) resulted **SARS-CoV-2** and 233 were attributed to other respiratory viruses, in particular 157 (12%) **RSV**, 42 (3.2%) Rhinoviruses, 12 human Coronaviruses (not SARS-CoV-2), 12 Parainfluenza viruses, 7 Adenoviruses, two Bocaviruses and one Metapneumovirus.

So far, in the 2022/2023 influenza season (week 46-49/2022), a large prevalence of influenza type A viruses (99.6%) has been observed, mostly belonging to the H3N2 subtype. In particular, among a total of 4,516 collected samples, 1,823 (40.4%) resulted positive for influenza, of which 1,816 (99.6%) were positive for influenza A and 7 (0.4%) for influenza B.

Among the influenza A viruses that were subtyped (N= 1,624), 85.7% (N=1,556) were A(H3N2) and 3.7% (N=68) were A(H1N1)pdm09; the remaining 192 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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