



INFLUENZA VIROLOGICAL SURVEILLANCE

Report for week 50/2022

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 fiftieth week of 2022 (**week 50/2022**), virological surveillance continues to report a significant influenza virus circulation in Italy. In particular, **1,686** clinical specimens were received by the InfluenzaNet network laboratories and, among the **1,389** analyzed samples, **456 (32.8%)** resulted positive for influenza. Among these samples, 447 belonged to influenza type **A** (370 were **H3N2**, 22 were **H1N1pdm09** and 55 not yet subtyped) and nine to influenza type **B**. A case of A(H3N2)+A(H1N1)pdm09 coinfection has been also reported this week.

Among the above analyzed samples, 74 (5.3%) resulted **SARS-CoV-2** and 302 were attributed to other respiratory viruses, in particular 208 (15%) **RSV**, 47 (3.4%) Rhinoviruses, 17 Parainfluenza viruses, 12 Metapneumoviruses, 11 Adenoviruses, 5 human Coronaviruses (not SARS-CoV-2) and two Bocaviruses.

So far, in the 2022/2023 influenza season (week 46-50/2022), a large prevalence of influenza type A viruses (99.2%) has been observed, mostly belonging to the H3N2 subtype. In particular, among a total of 6,255 collected samples, 2,442 (39%) resulted positive for influenza, of which 2,422 (99.2%) were positive for influenza A and 20 (0.8%) for influenza B.

Among the influenza A viruses, 86.4% (N=2,094) were A(H3N2) and 4.1% (N=100) were A(H1N1)pdm09; the remaining 228 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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