INFLUENZA VIROLOGICAL SURVEILLANCE
Report for week 16/2023

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 twenty-third week of virological surveillance (**week 16/2023**) for the 2022/2023 season, influenza virus circulation continues to decline in Italy, after the peak registered at the end of 2022. The proportion of influenza positive specimens observed this week (4.5%) decreased in comparison to the previous one (7.6%). In particular, this week, **505** clinical specimens were received by the InfluNet network laboratories and, among the **466** analyzed samples, **21 (4.5%)** resulted positive for influenza. Among these samples, 3 belonged to influenza type **A,** subtype **H1N1pdm09,** and 18 to influenza type **B**.

Among the above analyzed samples, 22 (4.7%) resulted **SARS-CoV-2** and 107 were attributed to other respiratory viruses, in particular 32 (6.8%) Rhinoviruses, 30 (6.4%) Adenoviruses, 26 (5.6%) Parainfluenza viruses, 9 Metapneumoviruses, 5 human Coronaviruses (not SARS-CoV-2), 3 RSV and 2 Bocaviruses.

So far, in the 2022/2023 influenza season (week 46/2022-16/2023), a prevalence of influenza type A viruses (80.2%) has been observed, mostly belonging to the H3N2 subtype. In particular, among a total of 27,857 collected samples, 6,244 (22.4%) resulted positive for influenza, of which 5,005 (80.2%) were positive for influenza A and 1,239 (19.8%) for influenza B.

Among the influenza A viruses, 79% (N=3,958) were A(H3N2) and 14.2% (N=710) were A(H1N1)pdm09; the remaining 337 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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