



Virological surveillance

RespiVirNet

Report for week 07/2024
(12th – 18th February 2024)

Summary

The present report summarizes 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 24 regional influenza laboratories (RespiVirNet).

During the seventh week of 2024 (**week 07/2024**) of virological surveillance, 2,679 clinical specimens were received by the RespiVirNet network laboratories and **204 (7.6%)** resulted positive for influenza. Among these samples, 157 belonged to influenza type **A** (100 were **H1N1pdm09**, 17 were **H3N2** and 40 not yet subtyped) and 47 to influenza type **B**.

Among the above analyzed samples, 305 (11.4%) resulted positive for **RSV**, 58 (2.1%) for **SARS-CoV-2** and the other 267 were attributed to other respiratory viruses, in particular 106 Rhinoviruses, 54 human Coronaviruses (not SARS-CoV-2), 42 Metapneumoviruses, 40 Adenoviruses, 15 Parainfluenza viruses and 10 Bocavirus.

During this week, four samples resulted positive for *Mycoplasma pneumoniae*.

So far, in the 2023/2024 influenza season (week 46/2023-07/2024), a prevalence of influenza type A viruses has been observed, mostly belonging to the H1N1pdm09 subtype. In particular, among a total of 40,400 collected samples, 7,113 (17.6%) resulted positive for influenza, of which 6,893 (96.9%) were positive for influenza A and 220 (3.1%) for influenza B.

Among the influenza A viruses that were subtyped (N=5,818), 95.9% (N=5,578) were A(H1N1)pdm09 and 4.1% (N=240) were A(H3N2); the remaining 1,075 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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