



Virological surveillance

RespiVirNet

Report for week 47/2023
(20th – 26th November 2023)

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 forty-seventh week of 2023 (**week 47/2023**), virological surveillance reported a low influenza virus circulation in Italy. In particular, **994** clinical specimens were received by the RespiVirNet network laboratories and **41 (4.1%)** resulted positive for influenza. Among these samples, 39 belonged to influenza type **A** (27 were **H1N1pdm09**, 3 were **H3N2** and 9 not yet subtyped) and 2 to influenza type **B**.

Among the above analyzed samples, 129 (13%) resulted **SARS-CoV-2**, 33 (3.3%) **RSV** and the other 152 were attributed to other respiratory viruses, in particular 126 Rhinoviruses, 10 Adenoviruses, 7 Parainfluenza viruses, 6 human Coronaviruses (not SARS-CoV-2), 2 Metapneumoviruses and 1 Bocavirus. Moreover, two samples from pediatric patients resulted positive for *Mycoplasma pneumoniae*.

So far, in the 2023/2024 influenza season (week 46-47/2023), a prevalence of influenza type A viruses has been observed, mostly belonging to the H1N1pdm09 subtype. In particular, among a total of 1,816 collected samples, 60 (3.3%) resulted positive for influenza, of which 58 (96.7%) were positive for influenza A and 2 (3.3%) for influenza B.

Among the influenza A viruses that were subtyped (N= 48), 87.5% (N=42) were A(H1N1)pdm09 and 12.5% (N=6) were A(H3N2); the remaining 10 A strains have not been subtyped yet.

Additional information and data for this report may be found in the full Italian version.

WHO NATIONAL INFLUENZA CENTRE/NIC-DMI Laboratory team:

S. Puzelli, M. Facchini, G. Di Mario, S. Piacentini, A. Di Martino, L. Calzoletti, C. Fabiani
Department of Infectious Diseases, ISS
Viale Regina Elena, 299 - Rome