



# Virological surveillance

## RespiVirNet

**Report for week 05/2024**  
**(29<sup>th</sup> January – 4<sup>th</sup> 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 fifth week of 2024 (**week 05/2024**) of virological surveillance, 2,781 clinical specimens were received by the RespiVirNet network laboratories and **350 (12.6%)** resulted positive for influenza. Among these samples, 330 belonged to influenza type **A** (232 were **H1N1pdm09**, 20 were **H3N2** and 78 not yet subtyped) and 20 to influenza type **B**.

Among the above analyzed samples, 379 (13.6%) resulted positive for **RSV**, 66 (2.3%) for **SARS-CoV-2** and the other 231 were attributed to other respiratory viruses, in particular 95 Rhinoviruses, 52 human Coronaviruses (not SARS-CoV-2), 37 Adenoviruses, 23 Metapneumoviruses, 18 Bocavirus and 6 Parainfluenza viruses.

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

So far, in the 2023/2024 influenza season (week 46/2023-05/2024), a prevalence of influenza type A viruses has been observed, mostly belonging to the H1N1pdm09 subtype. In particular, among a total of 34,443 collected samples, 6,525 (18.9%) resulted positive for influenza, of which 6,420 (98.4%) were positive for influenza A and 105 (1.6%) for influenza B.

Among the influenza A viruses that were subtyped (N=5,377), 96.4% (N=5,183) were A(H1N1)pdm09 and 3.6% (N=194) were A(H3N2); the remaining 1,043 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