Report on 2023-2024 season

# Under-reporting



At the national level there are some backwards modifications on the incidence: see the different colors on the left as new data is made available.

This does not seem to happen for the regional incidence where all estimates look to remain the same, independently from the week the data is published. There is no modification to the data published.

Underreporting is clearly visible on week 2023-49 which resulted in some worsened estimations with most if not all Influcast models sometimes failing to predict efficiently.

Not so bad for 2023-52, where the distribution is amplified.

A graph with numbers and a point

Description automatically generated

# Strain analysis



Latest line shows the latest.csv file from influcast. It reports the incidence of all strains no matter the type.

Influenza A, B, A+B are those obtained from the new version of 2023-24 files from influcast. They are only available at the national level.

In theory they should match what shown obtained from epicentro website https://www.epicentro.iss.it/influenza/respinews#vir



First, about the under-reporting we see it is not too extreme, better during the end of the year than the incidence on its own.

The progressive bar charts do not show relevant changes as repeatedly showed in the line chart.



Red points are form epicentro and comprise of A and B strains, while colored bars are extracted form the influcast renewed datasets (considering A+B vs. all else).

As expected, they do completely match with one another.