

FluCov Influenza Activity Report #7

8 January 2023

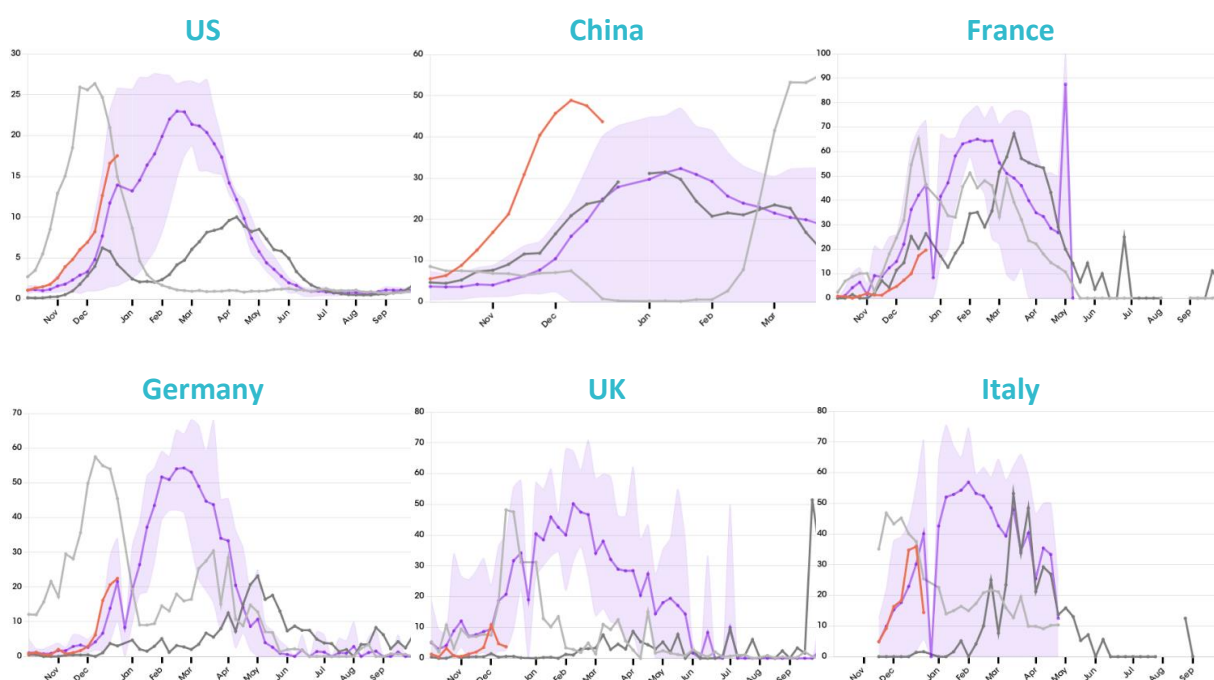
Take home: increased influenza activity in the Northern Hemisphere

- **North America and Europe:** Influenza activity remains elevated with moderate to high activity in most U.S states. In Europe, low activity (10-20% positivity) was reported in Denmark, France, and Italy and moderate (20-30% positivity) activity in Germany and Spain.
- **Asia:** Influenza activity seems to have reached its peak but the overall positivity rate remained over 30% in week 52/2023. in Southern China, in week 51/2023. Influenza activity also remains above 25% in, South Korea and Thailand (week 52/2023).
- **Circulating virus:** Over the past weeks, predominantly influenza A/H3 and B/Victoria, and to a lesser extend A/H1N1pdm09 viruses has been observed in the Northern Hemisphere. Presently, there are no documented cases of B-Yamagata.
- **Vaccine match:** Too early to provide an assessment regarding the vaccine match.
- **Influenza Viruses of Pandemic Potential:** On 22 December 2023, a fatal human case of avian influenza (A(H5N6) was reported in Sichuan Province, China. From 2014 to June 5, 2023, a total of 89 lab-confirmed human cases of A(H5N6), including 33 deaths, have been reported – 88 in China and 1 in Laos.
- **COVID hospitalizations:** Are showing an increasing trend in the U.S, but have started to decrease in Italy. For England, the last update was on 7 December 2023, hospitalizations were increasing at the time, after a period of decrease.

Positive Influenza tests (%)

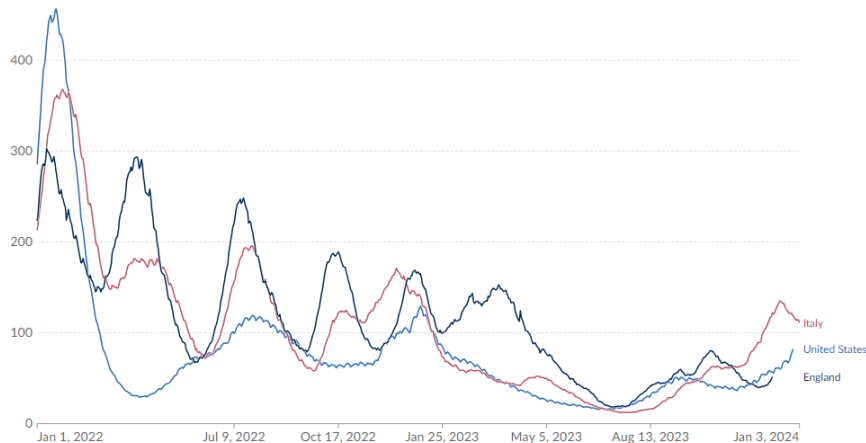
Note: UK and China positivity rates were last updated week 51/2023

— Season 2023/2024
 — Season 2022/2023
 — Season 2021/2022
 — Average of pre-COVID-19 seasons (2014/2015 to 2018/2019) [Min; Max]



Weekly hospital SARS-CoV-2 hospital admissions

(US, Italy, England; admissions/million)



Displayed data is the most recent reported; it is possible that there may be a delay in reporting. Most recent estimates subject to change (e.g. may decline) due to ongoing testing of specimen. Data only available for three countries at the moment.

Data sources & details

US: FluView (Clinical Laboratories)
DK: WHO FluNET (non-sentinel)
ES: ERVISS
All others: WHO FluNet (sentinel)
COVID: Our World in Data.

A Nivel publication

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Websites for more information

Project Website: <https://www.nivel.nl/en/fluov>

FluCoV Dashboard: <https://www.nivel.nl/en/fluov-dashboard>

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