

## FluCov Influenza Activity Report #6

1 January 2024

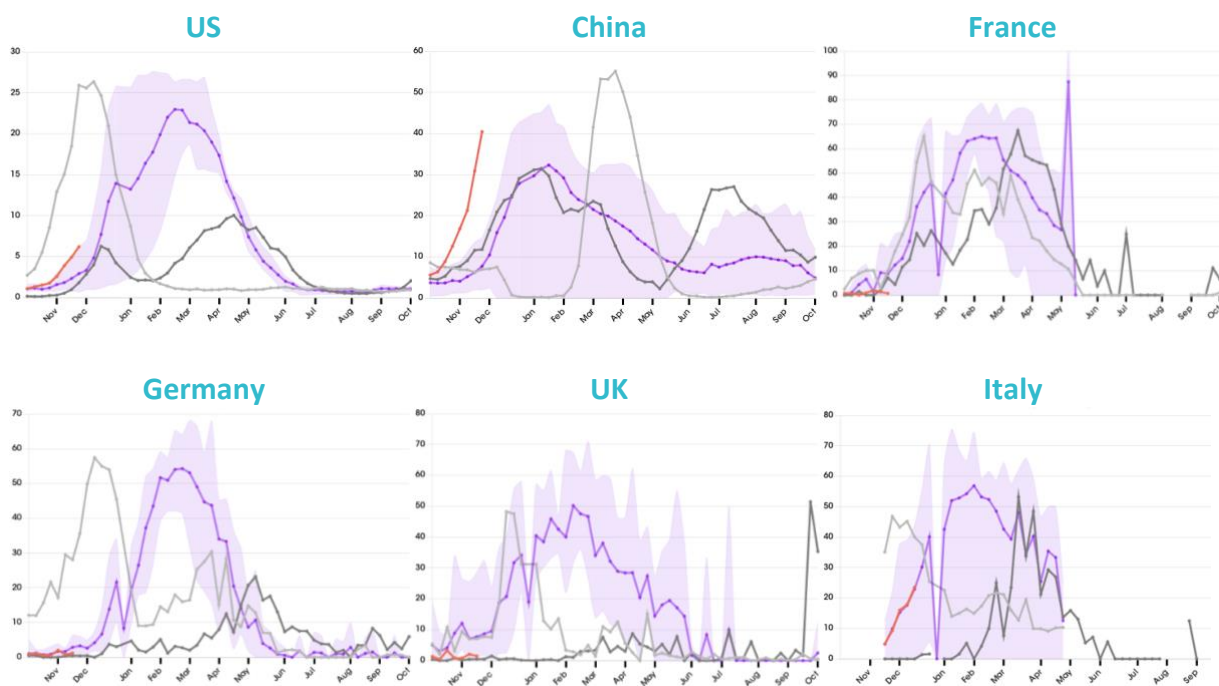
### Take home: Slow increasing of influenza activity in most of the Northern Hemisphere

- **North America and Europe:** Influenza activity is increasing and has surpassed 15% positivity rate in the U.S, with high activity reported in Southern and Eastern U.S. states. In Europe, a mixed pattern is currently observed, with very low activity in France and UK, low activity in Germany, and moderate activity in Italy.
- **Asia:** Influenza activity seems to have reached its peak but remained high (40-50% positivity) in Northern China and very high ( $\geq 50\%$  positivity) in Southern China, in week 51/2023. Influenza activity also remains above 20% in Japan, South Korea, and Thailand (week 50/2023).
- **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:** Between 24 and 25 November 2023, Cambodia reported two confirmed human cases of avian influenza A(H5N1), one of which was fatal. These are the 5th and 6th human cases of influenza A(H5N1) in Cambodia in 2023. The United Kingdom notified the WHO of a human case of swine-origin influenza A(H1N2) virus infection on 25 November 2023.
- **COVID hospitalizations:** Are showing increasing trends in Italy and the U.S. Hospitalizations are also currently increasing in England, after a period of decrease.

### Positive Influenza tests (%)

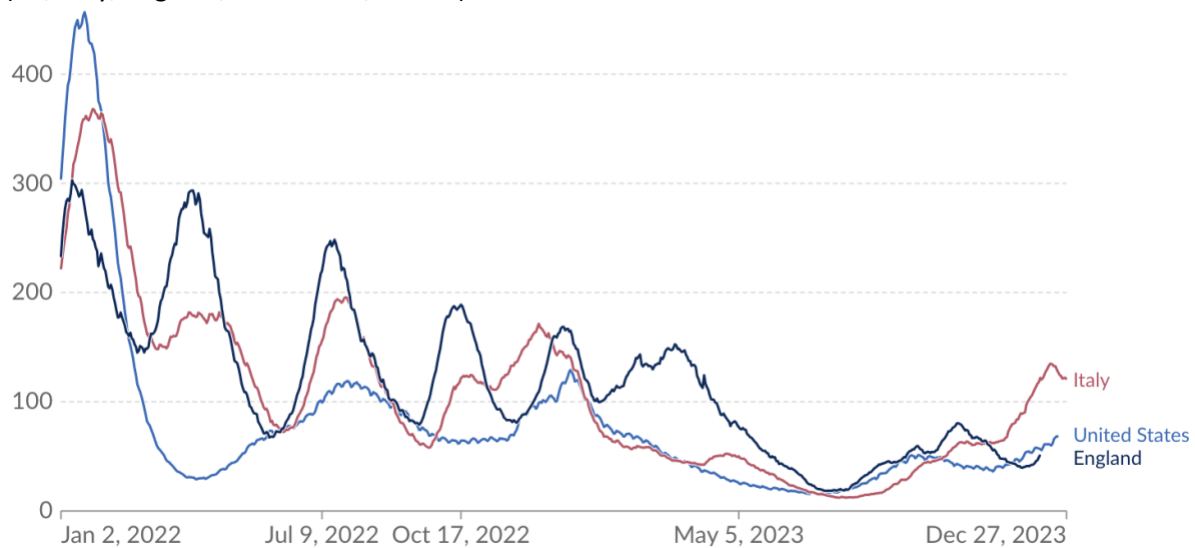
**Note:** Week of last update: 51/2023

— 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.

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### Data sources & details

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

### A Nivel publication

FluCov team: Marco Del Riccio, Bronke Boudewijns, Susanne Heemskerk, Saverio Caini, John Paget.  
[FluCov Influenza Activity Report #6: 1 January 2024](#). Netherlands, Utrecht: Nivel, 2024

### Websites for more information

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

### Funding

The Nivel FluCov project is funded by Sanofi

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