

## FluCov Influenza Activity Report #5

18 December 2023

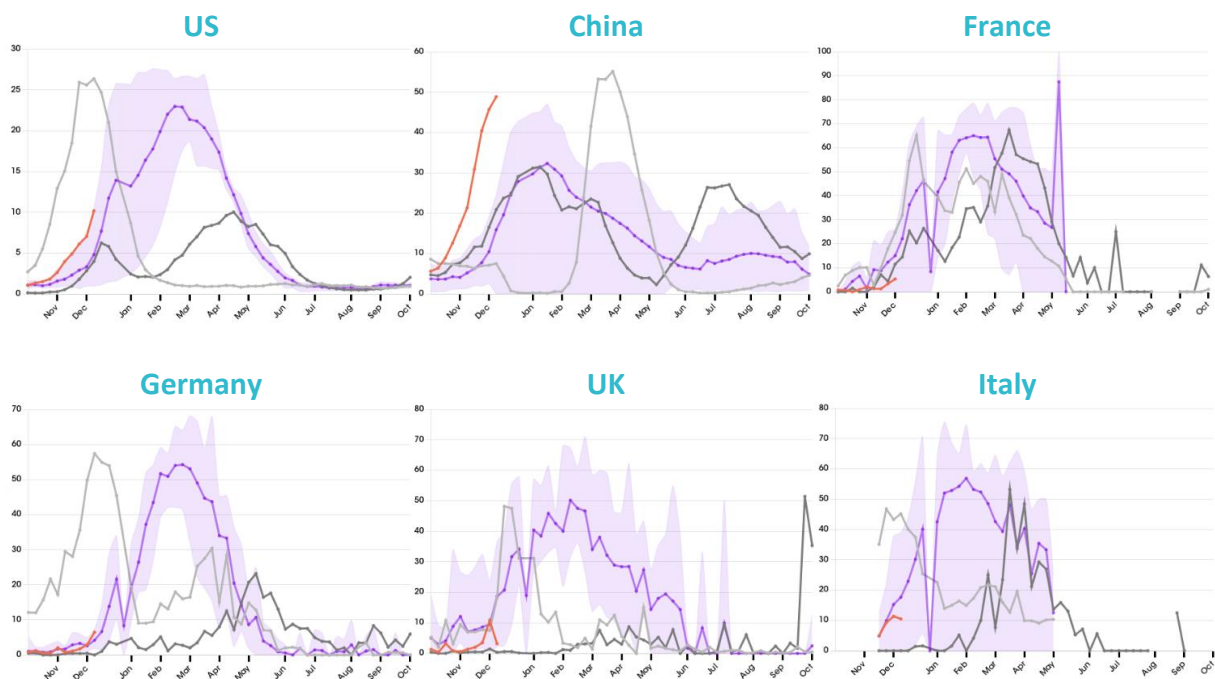
### Take home: increasing influenza activity in the Northern Hemisphere

- **North America and Europe:** Influenza activity is increasing, and has surpassed the seasonal threshold in North America, with high activity reported in Southern U.S. states. In Europe, influenza activity remains low overall, but is increasing in most countries.
- **Asia:** Influenza activity remained high (40-50% positivity) in Northern China and very high ( $\geq 50\%$  positivity) in Southern China, in week 49. Influenza activity also remains elevated in South Korea and Japan.
- **Circulating virus:** Influenza virus circulation is increasing globally. Over the past weeks, predominantly influenza A/H3 and A/H1N1p, and to a lesser extent B/Victoria 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. In addition, the United Kingdom notified the WHO of a human case of swine-origin influenza A(H1N2)v virus infection on 25 November 2023.
- **COVID hospitalizations:** Are increasing in England, Italy and the United States.

### Positive Influenza tests (%)

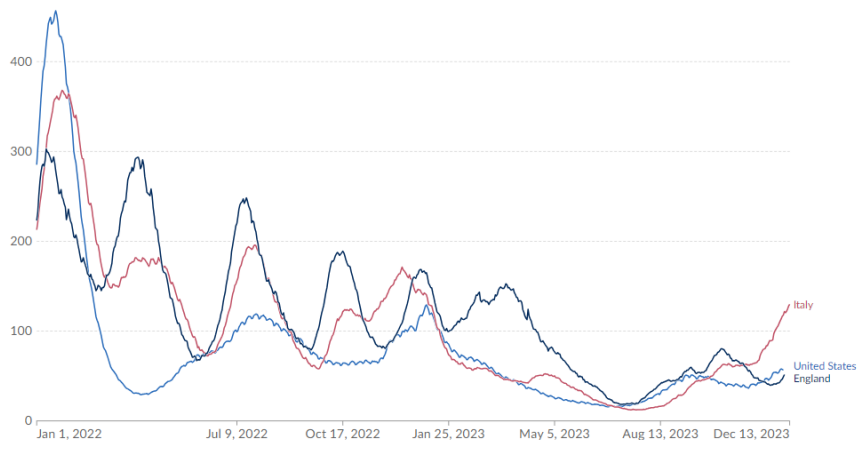
**Note:** The figure for France was last updated on 11 December.

— 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

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[FluCov Influenza Activity Report #5: 18 December 2023](#). Netherlands, Utrecht: Nivel, 2023

### 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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