

FluCov Influenza Activity Report #2

29 November 2023

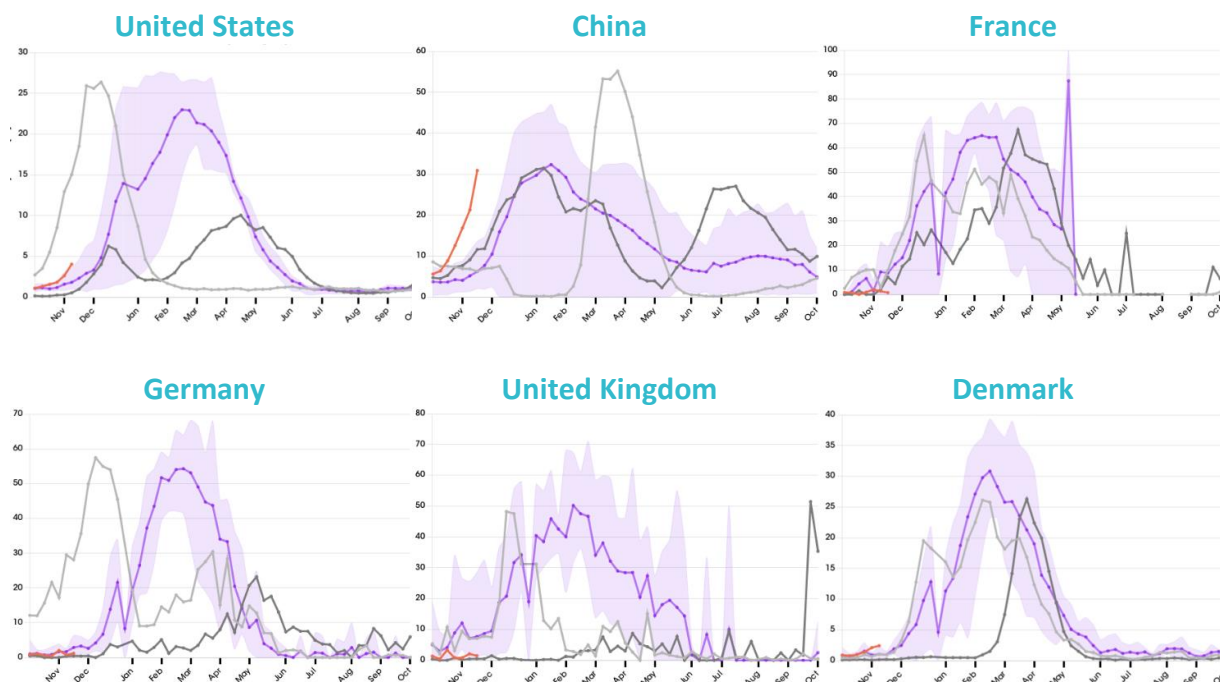
Take home: slowly increasing influenza activity in the Northern Hemisphere

- **North America and Europe:** Influenza activity is slowly increasing, having surpassed the seasonal threshold in North America.
- **Asia:** Influenza activity in Southern China has risen from moderate (20-30% positivity) to medium activity (30-40% positivity) in week 46, while Northern China now reports moderate activity. Thailand continues to report moderate influenza activity (above 20% in week 45 & 46).
- **Circulating virus:** Influenza virus circulation is slowly increasing globally, but currently low overall. Over the past weeks, a combination of influenza AH3, AH1N1p, and 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:** On 12th October Cambodia reported two fatal HPAI H5N1 human cases. In addition, a fatal case of H5N6 was reported in Chongqing, China. On Oct 24, 2023 avian influenza (HPAI) H5N1 has been confirmed in brown skua populations on Bird Island, South Georgia; the first known cases in the Antarctic region.
- **COVID hospitalizations:** Are decreasing in England, stable in the United States, and increasing in Italy.

Positive Influenza tests (%)

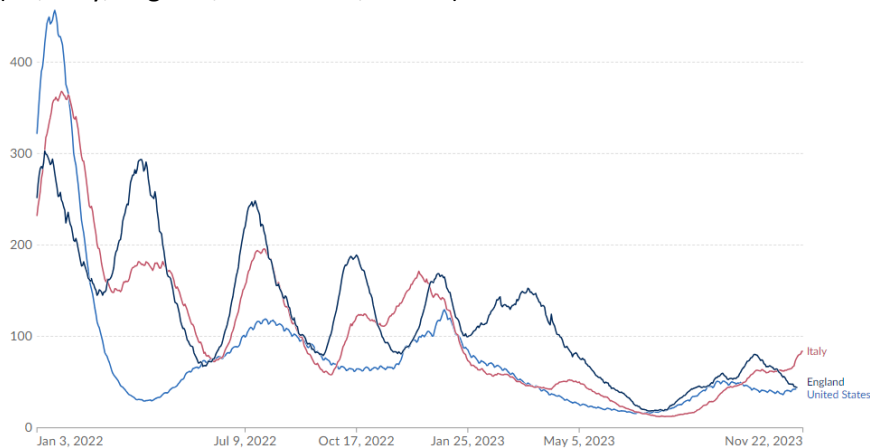
Note: The US and Denmark figures were last updated on 20 November 2023

— 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)
All others: WHO FluNet (sentinel)
COVID: Our World in Data.

A Nivel publication

FluCov team: Bronke Boudewijns, Marco Del Riccio, Susanne Heemskerk, Saverio Caini, John Paget. [FluCov Influenza Activity Report #2: 29 November 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
