

FluCov Influenza Activity Report #1

22 November 2023

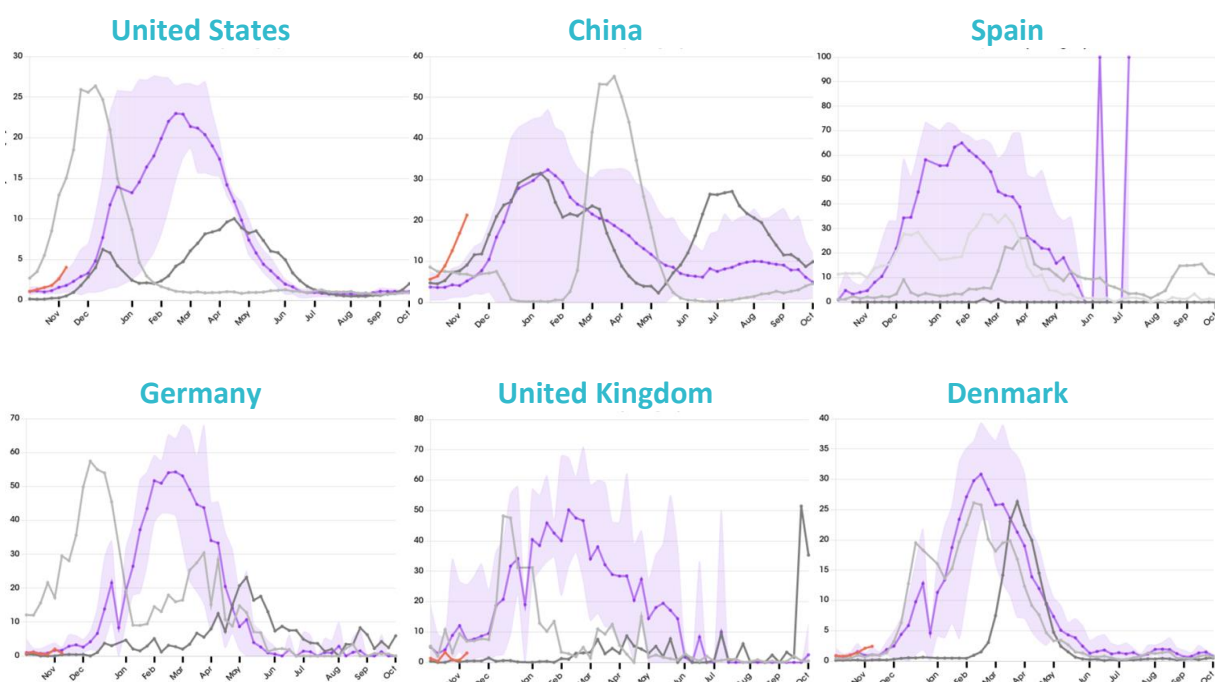
Take home: Low levels of influenza activity in most of the Northern Hemisphere

- **North America and Europe:** Influenza activity is slowly increasing, which aligns with the usual patterns for this time of year.
- **Asia:** Influenza activity in Southern China has risen from low (10-20% positivity) to moderate activity (20-30% positivity) in week 45, while Northern China reports low activity. Media has reported high flu circulation in Japan; however, these claims are not supported currently by WHO or NIID data. Thailand continues to report moderate influenza activity (above 20% in week 45).
- **Circulating virus:** Influenza virus circulation is slowly increasing globally, but currently minimal. Over the past weeks/months, a combination of influenza AH3, AH1N1p, and B Victoria viruses has been observed. 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 stabilizing or decreasing in England and the US and increasing in Italy.

Positive Influenza tests (%)

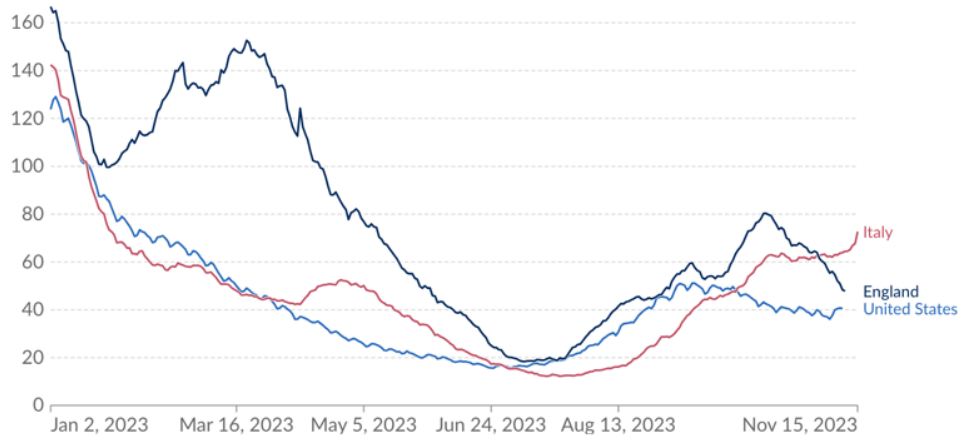
Note: The Spain figure was last updated in week 39 2023

— 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: Marco Del Riccio, Bronke Boudewijns, Susanne Heemskerk, Saverio Caini, John Paget. [FluCov Influenza Activity Report #1: 22 November 2023](#). Netherlands, Utrecht: Nivel, 2023

Websites for more information

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

Funding

The Nivel FluCov project is funded by Sanofi
