

FluCov Influenza Activity Report #22

22 April 2024

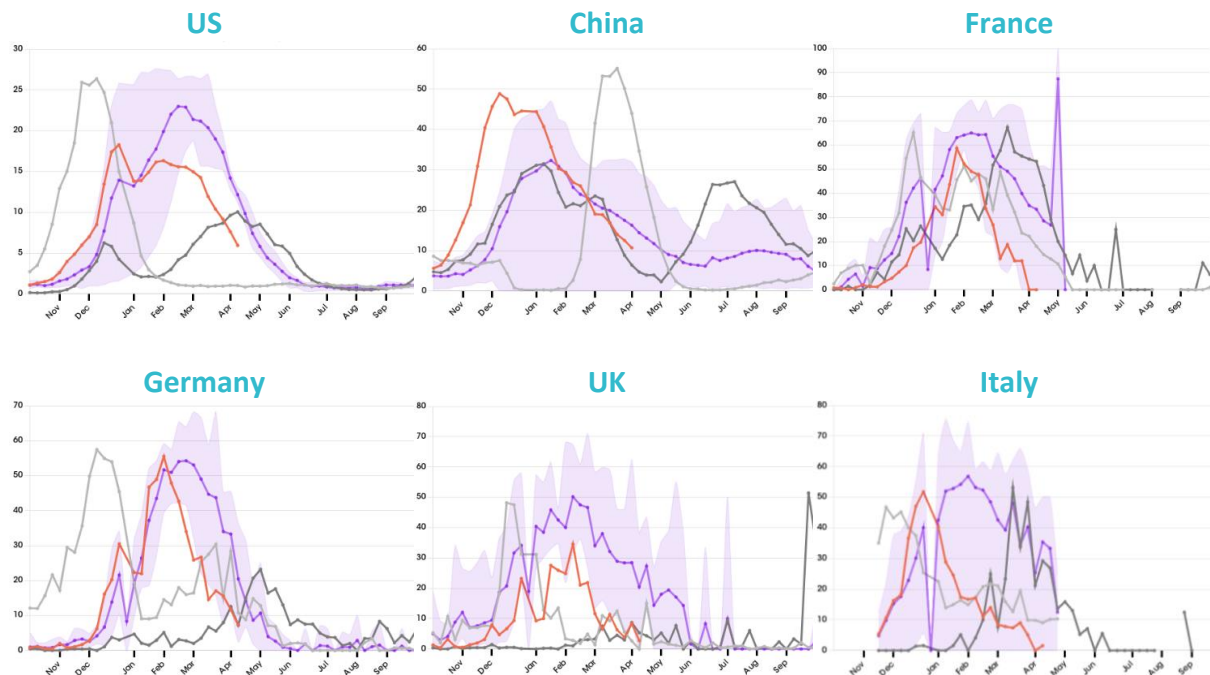
Take home: decreasing influenza activity in the Northern Hemisphere

- North America and Europe:** Influenza activity continues to decrease in the United States, with minimal to low activity in most states, although two states still experience high activity. In Europe, influenza activity is decreasing and has returned to baseline levels in most countries. In week 15/2024, Denmark, Germany, Italy and the UK all reported very low activity (<10% positivity), and France reported no activity.
- Asia:** Influenza detections decreased in Northern and Southern China.
- Circulating virus:** Globally, all seasonal influenza viruses except B/Yamagata are circulating. While A(H1N1)pdm09 predominated in China, followed by B/Victoria, influenza B/Victoria dominated circulation in Europe in week 15. Currently, influenza A(H1N1)pdm09m A(H3N2) and B viruses are all co-circulating in the United States (CDC).
- Vaccine match:** US (CDC) reports that vaccine components are well-matched to circulating A(H1N1)pdm09, B/Victoria and A(H3) clades. The same is true for Europe (ECDC) with the exception that some A(H3) viruses (2a.3a.1 clade) are less well-matched (ERVISS).
- Influenza Viruses of Pandemic Potential:** A new human infection with influenza A(H10N3) was reported in China on 10 April 2024 (ECDC).
- COVID hospitalizations:** Continued to decrease in England and the US and stabilized at low levels in the EU.

Positive Influenza tests (%)

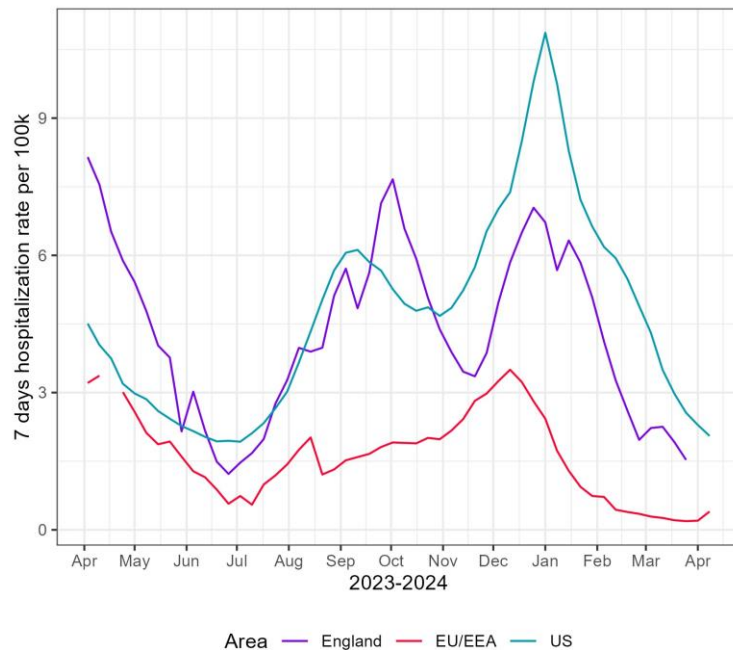
Note: the positivity rate graph for China was last updated week 14/2024

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



Weekly COVID-19 hospital admissions

(England, EU/EEA, US – admissions/100,000)



Displayed data is the most recent reported; it is possible that there may be a delay in reporting. Countries & inclusion dates for EU/EEA data vary markedly each week.

Data sources & details

China: China CDC
US: FluView (Clinical Laboratories)
Spain: ERVISS
DK: WHO FluNET (non-sentinel)
All others: WHO FluNet (sentinel)
COVID: US (Department of Health and Human Services), EU (ERVISS), England (UKHSA)
Vaccine match: US (CDC), EU (ERVISS)

A Nivel publication

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Websites for more information

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

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

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