

FluCov Influenza Activity Report #18

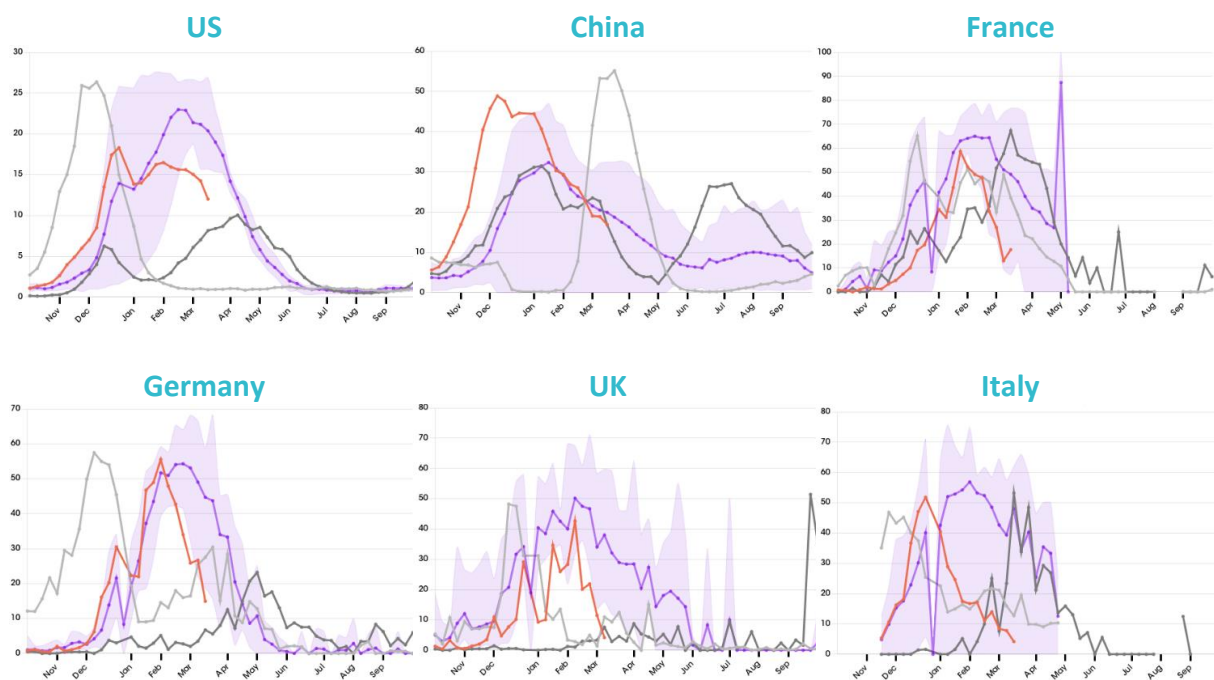
25 March 2024

Take home: elevated but decreasing influenza activity in the Northern Hemisphere

- North America and Europe:** Although decreasing, overall influenza activity in the United States remains elevated with moderate to high activity in some states and minimal to low activity in others. In Europe, influenza activity also remains elevated but decreasing. Denmark, Italy, Spain and the UK report very low activity (<10% positivity), France and Germany reported low activity (10-20% positivity).
- Asia:** Influenza overall positivity rate remained similar in China in week 11/2024, compared to week 10, with low activity (10-20% positivity) in Northern China and moderate activity (20-30% positivity) in Southern China.
- Circulating virus:** Globally, all seasonal influenza viruses except B/Yamagata are circulating. While B/Victoria predominated in China and slightly increased in the US and Canada, A(H1N1)pdm09 dominated circulation in Europe.
- 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 fatal case of influenza A(H5N1) occurred in a 21-year-old man in Vietnam (promed).
- COVID hospitalizations:** Continue to decrease in England, EU and the US, after a peak around the end of 2023.

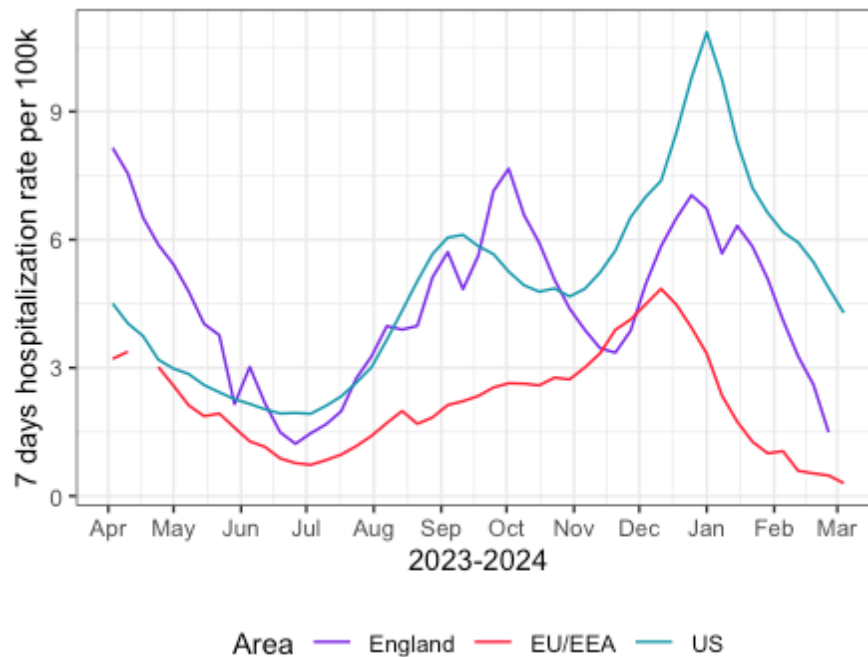
Positive Influenza tests (%)

— 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)



Data last updated on 18 March 2024. 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>

Funding

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