



Nivel FluCov: Influenza-COVID-19 Activity Report #1

3 March 2025

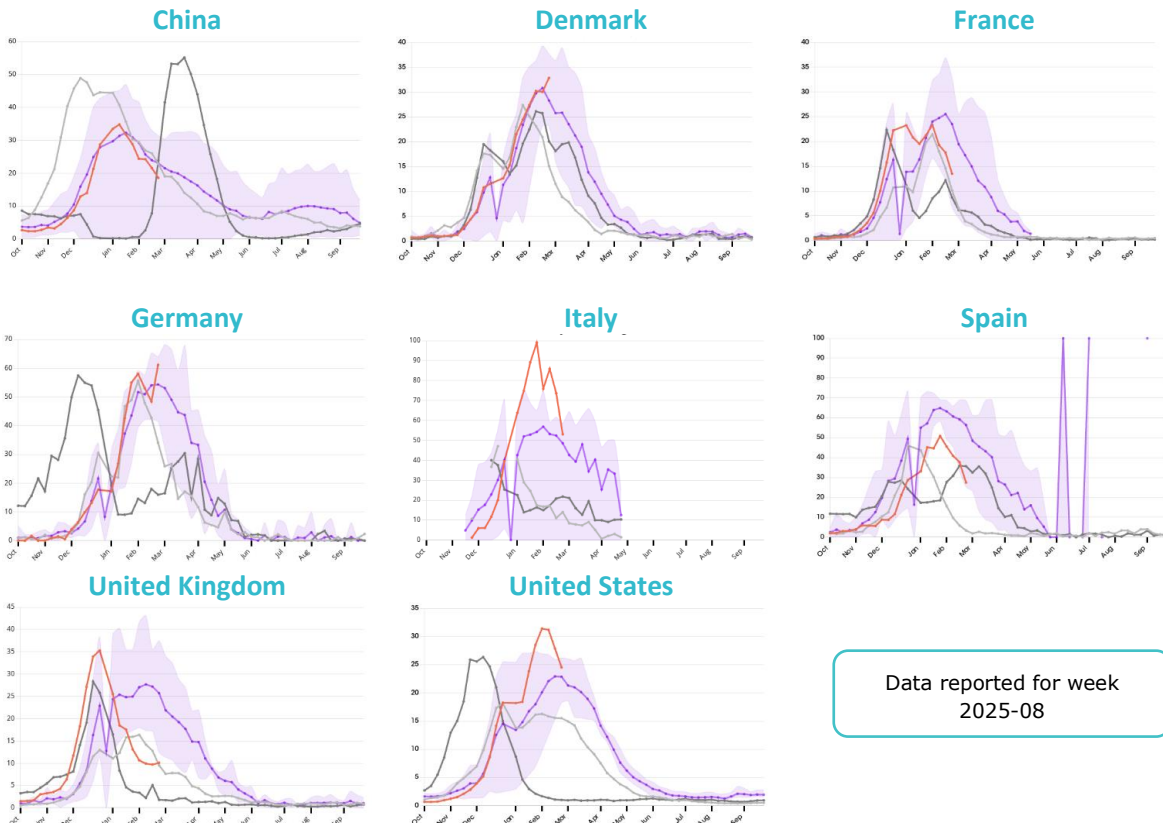
Seasonal Influenza

Increasing activity in Denmark and Germany, elevated but declining trends in the rest of Europe and US

- **North America and Europe:** Influenza activity was elevated in Europe, however majority of countries have reached or passed the peak. Very high activity ($\geq 50\%$ positivity) was reported in Germany and Italy, medium activity (30-40% positivity) in Denmark, and activity (20-30% positivity) in Spain. Low positivity (10-20%) was reported in the UK and France, although sentinel data indicate high activity in France at 49% positivity. In the US, influenza activity decreased slightly to 24.5% positivity overall.
- **Asia:** Overall influenza activity in China decreased to low levels (18.5% positivity). Activity decreased to moderate levels (20-30% positivity) in Southern China and remained low (10-20% positivity) in Northern China.
- **Southern Hemisphere:** Influenza activity was below baseline in the Southern Hemisphere.
- **Severity:** The current influenza season is considered intense in both the US and EU. Hospital admissions in the EU have now started to decrease from very high levels in most reporting countries.
- **Circulating virus:** Globally, of sequenced samples, influenza A(H1N1)pdm09 was the predominant virus type, followed by A(H3N2) and B/Victoria. This season up to week 8, influenza A(H1N1)pdm09 dominated circulation in China (99%), while a mix of influenza A(H1N1)pdm09 and A(H3N2) circulated in the US. In the EU, dominance varied across countries, with A(H1N1)pdm09, A(H3N2), and B/Victoria all circulating.
- **Vaccine match:** The US and UK report a good match for influenza A(H1N1)pdm09 and B/Victoria and a partial match (~50%) with influenza A(H3N2).
- **Influenza Viruses of Pandemic Potential:** A fatal case of H5N1 was reported on 25 February in a child in Cambodia.
- **SARS-CoV-2 activity:** Low globally, with a few exceptions of elevated activity in parts of Central and South America, and Eastern Africa.

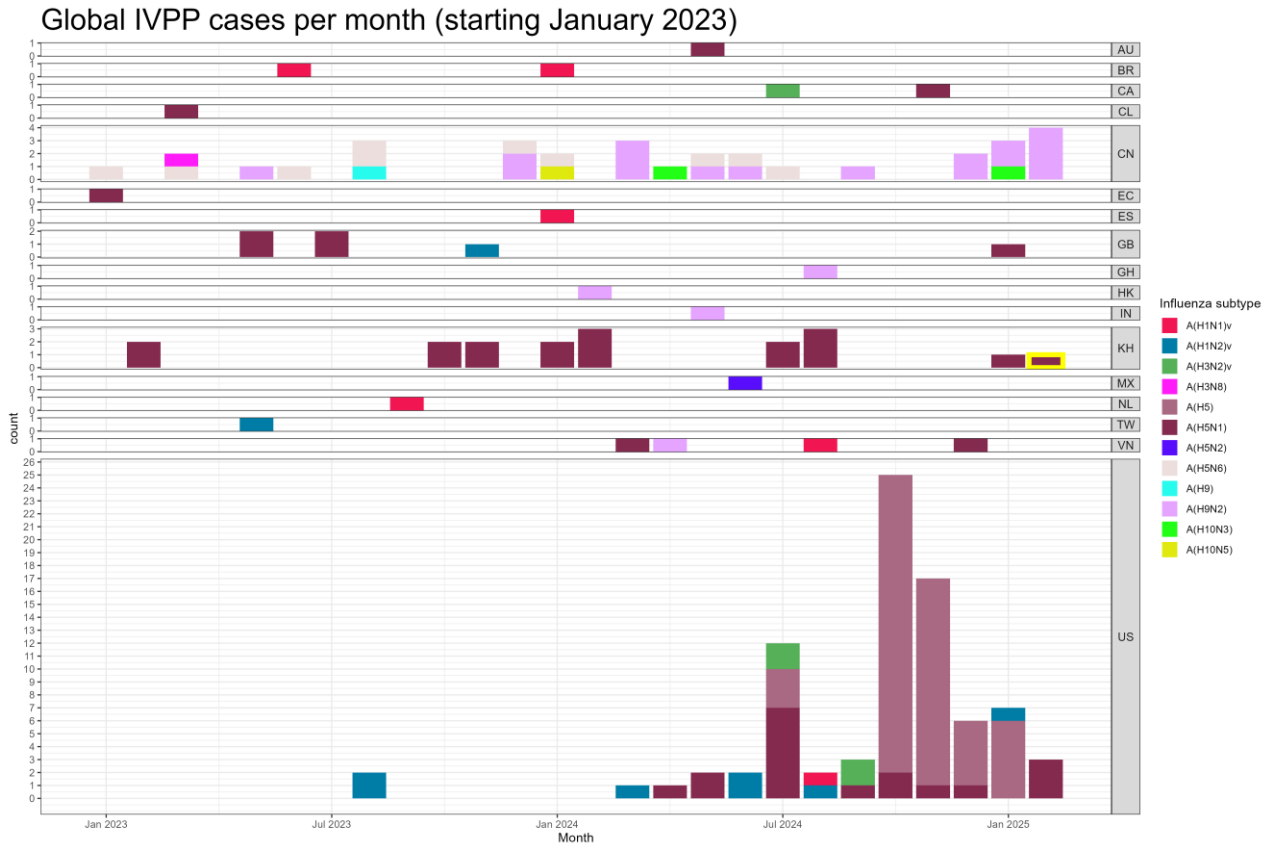
Positive Influenza tests (%)

— Season 2024/2025 — Season 2023/2024 — Season 2022/2023 — Average of Pre-COVID-19 seasons (2014/2015 to 2018/2019) [Min; Max]



Data reported for week
2025-08

Influenza viruses with pandemic potential



AU = Australia, BR = Brazil, CA = Canada, CL = Colombia, CN = China, EC = Ecuador, ES = Spain, GB = United Kingdom, GH = Ghana, HK = Hong Kong, IN = India, KH = Cambodia, MX = Mexico, NL = Netherlands, TW = Taiwan, US = United States, VN = Vietnam

New cases are outlined in yellow

New since 17 February

Influenza A(H5N1): On 25 February, a fatal case of H5N1 was reported in **Cambodia**. The case involved a 2-year-old boy from Prey Veng province. He was brought to the hospital with severe symptoms and died shortly afterwards. Investigations revealed that the patient's family raised poultry in their household and recently some of the poultry had become sick and died. The child was reported to have played and slept near or in the chicken coop. This is the second H5N1 case in Cambodia in 2025 (ECDC, CIDRAP).

For avian influenza virus infections in animals, please see: [Global AIV with Zoonotic Potential \(fao.org\)](https://www.fao.org/) [last updated 23 January 2025].

Seasonal influenza global overview: 3 March 2025

Global circulation: In the Northern hemisphere, activity remained elevated in North America, Central America and the Caribbean, Tropical South America, Northern, Eastern and Western Africa, all of Europe and Asia. In the Southern hemisphere, elevated activity was observed in a few countries in Eastern Africa and South-East Asia, and Oceania.

Northern Hemisphere				
Country/region	Week	Indicator	Info	Trend
EU	8	Predominant virus type	Co-circulation of A(H1N1)pdm09, A(H3N2) and B/Vic influenza viruses	→
		Influenza activity	Intense seasonal activity	
		% positive tests	Pooled: 42%, median: 46%	
		SARI influenza positive	Pooled: 29%, median: 23%	
		Mortality (EuroMOMO)	Increased levels of mortality, driven by high mortality in several countries	
England	8	Predominant virus type	Co-circulation of influenza A(H1N1)pdm09, A(H3N2) and B viruses	↓
		Influenza activity	Decrease to low activity	
		% positive tests	12.4%	
		Hospitalization rate	4.15 per 100,000	
USA	8	Predominant virus type	Cocirculation of A(H1N1)pdm09 & A(H3N2)	↓
		Influenza activity	Remains elevated nationally, but has decreased for two consecutive weeks	
		% positive tests	24.5%	
		Hospitalization rate	6.3 per 100,000	
		Mortality	2.8% of deaths attributed to influenza	
Canada	8	Predominant virus type	Influenza A(H1N1)pdm09	↑
		Influenza activity	Increasing, but showing signs of stabilizing	
		% positive tests	27.7%	
		Hospitalization rate	8.4 per 100,000	
		Mortality	119 deaths since 25 August 2024	
China	8	Predominant virus type	A(H1N1)pdm09	↓
		Influenza activity	Decrease in Southern and Northern provinces	
Southern Hemisphere				
Brazil	7	Predominant virus type	Influenza B/Victoria	<10%
		Influenza activity	Below epidemic threshold	
		% positive tests	2.4%	
Australia	5-8	Predominant virus type	Influenza A(H1N1)pdm09	<10%
		Influenza activity	Low at interseasonal levels	
		% positive tests	4.3%	
		Hospitalizations	102 adults in 2025	
		Mortality rate	No update	
South Africa	8	Predominant virus type	Influenza A	<10%
		Influenza activity	Baseline	
		% positive tests	2.7% (3/113 detections)	
		Hospitalizations	5 (30 Dec 2024 – 23 Feb 2025)	

↑ increase; → stable; ↓ decrease

SARS-CoV-2 global overview: 3 March 2025

Global circulation: Globally, SARS-CoV-2 activity continued to be low across reporting countries with a few exceptions of elevated activity reported in some parts of Central and South America, and Eastern Africa.

Northern Hemisphere				
Country/region	Week	Indicator	Info	Trend
EU	8	Detections	At very low level	→
		% positive tests	Pooled: 1.9%, median: 1.8%	
		SARI SARS-CoV-2 positive	Pooled: 1.6%, median: 1.9%	
		Mortality (EuroMOMO)	Increased levels of mortality, driven by high mortality in several countries	
England	8	Detections	Stable at baseline level	→
		% positive tests	2.8%	
		Hospitalizations	1.32 per 100,000	
		Mortality	77 (7 days up to 14 Feb 2025)	
USA	8	% positive tests	4.3%	↓
		Hospitalizations	2.7 per 100,000	
		Mortality	1.1% of all deaths	
Canada	8	Detections/activity	Decreasing or stable indicators	↓
		% positive tests	3.5%	
		Hospitalizations	0.7 per 100,000	
		Mortality	916 deaths since 25 August 2024	
China		Detections	No update	
		% positive tests	No update	
Southern Hemisphere				
Brazil	7	Detections	Decreased but activity remains at intermediate level	↓
		% positive tests	13.5%	
Australia	5-8	Detections	Decreasing	↓
		% positive tests	3.5%	
		Hospitalizations	223 adults in 2025	
		Mortality	No update	
South Africa	8	Detections	Low detection rate	→
		% positive tests	1.8% (2/113 detections)	
		Hospitalizations	29 (30 Dec 2024 – 23 Feb 2025)	

↑ increase; → stable; ↓ decrease; → stable at base level

Data sources & details FluCov influenza and COVID-19 activity report

Percentage positive graphs (via CERP - [CERP - EPI Live! Flu](#))

China:	China CDC	DK:	WHO FluNET (non-sentinel)
US:	FluView (Clinical Laboratories)	All others:	WHO FluNet (sentinel)
Spain:	ERVISS	Vaccine match:	US (CDC), EU (ERVISS)

Influenza Viruses with Pandemic Potential

- [ProMED](#)
- [Disease Outbreak News | WHO](#)
- <http://outbreaknewstoday.com/>
- [Homepage | CIDRAP](#)
- [ECDC Weekly threats reports \(CDTR\) \(europa.eu\)](#)

Seasonal influenza and SARS-CoV-2

Global

- [Global Influenza Programma - Influenza update | WHO](#) (#515, 26 February 2025)
- [FluCov Dashboard | Nivel](#)

Europe

- [ERVISS | ECDC](#) (W8)
- [EuroMOMO](#) (W8)
- [National flu and COVID-19 surveillance reports: 2024 to 2025 season | UKHSA](#) (W9)
- [COVID-19 | UKHSA data dashboard](#)

Americas

- [FluView | FluView | CDC](#) (EW8)
- [COVID Data Tracker | CDC](#) (28 February 2025)
- [Overview: Canadian respiratory virus surveillance report \(FluWatch+\) — Canada.ca](#) (EW8)
- [Respiratory Viruses weekly report | PAHO - WHO](#) (EW7)

Western Pacific

- [Weekly Report | Chinese National Influenza Center](#) (W8)
- [Seasonal influenza \(who.int\)](#) (26 February 2025)
- [COVID-19 situation reports | WHO Western Pacific](#) (28 February 2025)
- [Australian Respiratory Surveillance Reports – 2024 | Australian Government Department of Health and Aged Care](#) (W5-8)

Africa

- [Weekly respiratory pathogens surveillance report week | NICD](#) (W8)

A Nivel publication

Boudewijns, B., Heemskerk, S., Heuvel, L. van, Del Riccio, M., Caini, S., Schneeberger, C. [Nivel FluCov: Influenza-COVID-19 Activity Report #1: 3 March 2025](#). Netherlands, Utrecht: Nivel, 2025

Websites for more information

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

FluCov Dashboard: <https://www.nivel.nl/en/fluov-dashboard>

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The Nivel FluCov project is funded by Sanofi.