WHO Collaborating Center for Reference and Research on Influenza
Chinese National Influenza Center
National Institute for Viral Disease Control and Prevention, China CDC
Email: fluchina@ivdc.chinacdc.cnWebsite: https://ivdc.chinacdc.cn/cnic/en/

Chinese Weekly Influenza Surveillance Report

October 26 to November 1, 2026 (Week 44)

(All data are preliminary and may change as more reports are received)

Summary

- The positive rate of influenza virus testing decreased slightly in southern provinces, and increased in northern provinces. There were 106 ILI outbreaks reported in this week.
- Among influenza viruses antigenically characterized by CNIC since March 30, 2026, 72(94.7%) influenza A(H1N1)pdm09 viruses were characterized as A/Missouri/11/2025-like; 355(82.6%) influenza A(H3N2) viruses were characterized as A/Darwin/1454/2025(egg)-like, 387(90.0%) influenza A(H3N2)viruses were characterized as A/Darwin/1415/2025(cell)-like; 701(93.5%) influenza B/Victoria viruses were characterized as B/Tokyo/EIS13-175/2025-like.
- Among the influenza viruses tested by CNIC for antiviral resistance analysis since March 30, 2026, all A(H1N1)pdm09 viruses were sensitive to neuraminidase inhibitors, all but 1 A(H3N2) and 2 B/Victoria viruses were sensitive to neuraminidase inhibitors; all A(H1N1)pdm09, A(H3N2) and B/Victoria viruses were sensitive to influenza polymerase inhibitors.

Surveillance of outpatient or emergency visits for Influenza-like Illness (ILI)

During week 44, the percentage of outpatient or emergency visits for ILI (ILI%) at national sentinel hospitals in southern provinces was 4.8%, higher than last week (4.5%), lower than the same week of 2023(5.9%), higher than the same week of 2024 and 2025 (3.3% and 4.6%). (Figure 1)

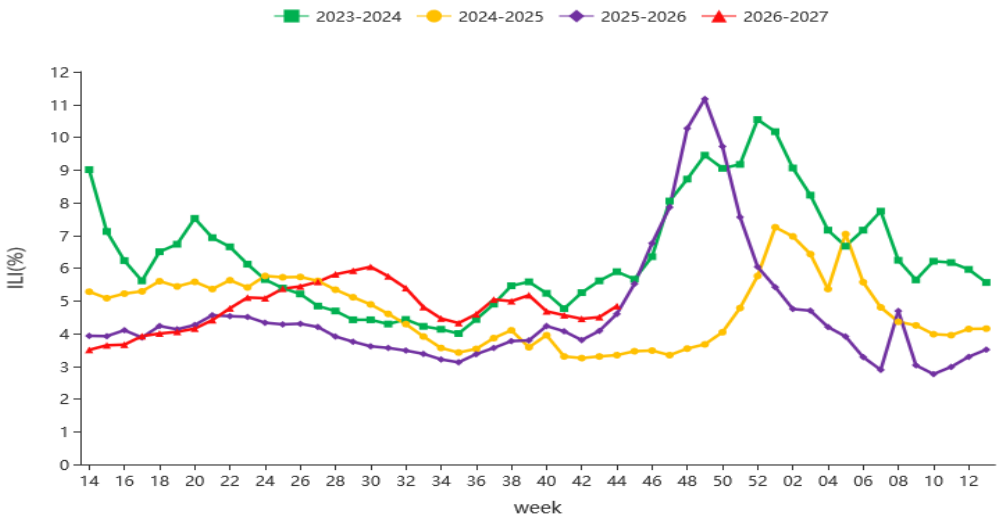


Figure 1. Percentage of Visits for ILI at Sentinel Hospitals in Southern Provinces

Note: Analysis in this part was based on data from sentinel hospitals belong to national influenza surveillance network.

During week 44, ILI% at national sentinel hospitals in northern provinces was 3.3%, higher than last week (3.0%), lower than the same week of 2023, 2024 and 2025(4.5%, 3.5% and 5.2%).(Figure 2)

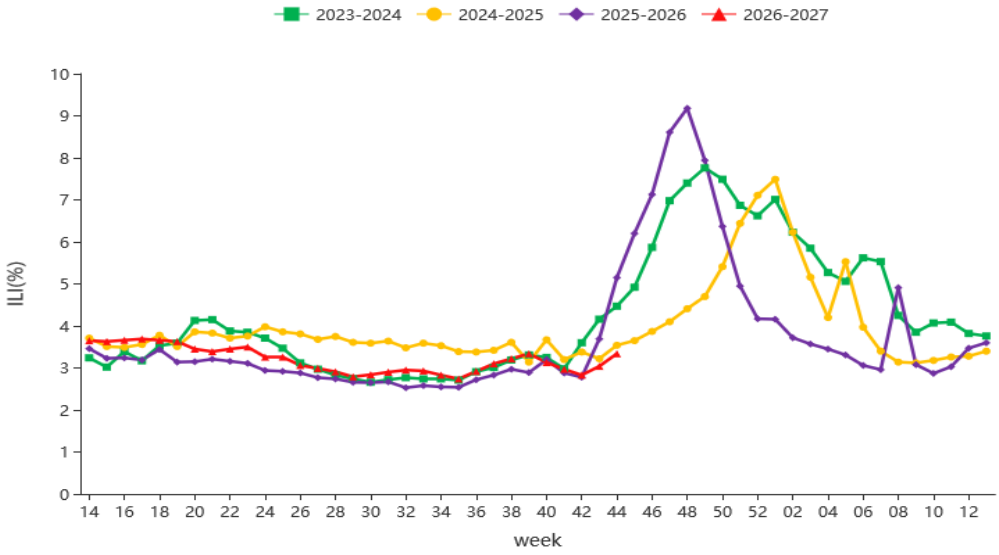


Figure 2. Percentage of Visits for ILI at Sentinel Hospitals in Northern Provinces

Note: Analysis in this part was based on data from sentinel hospitals belong to national influenza surveillance network.

Virologic Surveillance

During week in 44 of 2026, influenza network laboratories tested 20514 pecimens, there were 2552 positive detections for influenza. The number and proportion of influenza types and subtypes detected in southern and northern provinces were shown in Table1.

Table 1. Laboratory Detections of ILI Specimens (Week 44, 2026)

	Week 44		
	Southern provinces	**Northern provinces**	**Total**
No. of specimens tested	**10481**	**10033**	**20514**
No. of positive specimens (%)	**1796(17.1%)**	**756(7.5%)**	**2552(12.4%)**
Influenza A	**1059(59.0%)**	**611(80.8%)**	**1670(65.4%)**
A(H1N1)pdm09	341(32.2%)	514(84.1%)	855(51.2%)
A(H3N2)	718(67.8%)	97(15.9%)	815(48.8%)
A (subtype not determined)	0	0	0
Influenza B	**737(41.0%)**	**145(19.2%)**	**882(34.6%)**
B (lineage not determined)	0	0	0
Victoria	737(100.0%)	145(100.0%)	882(100.0%)
Yamagata	0	0	0

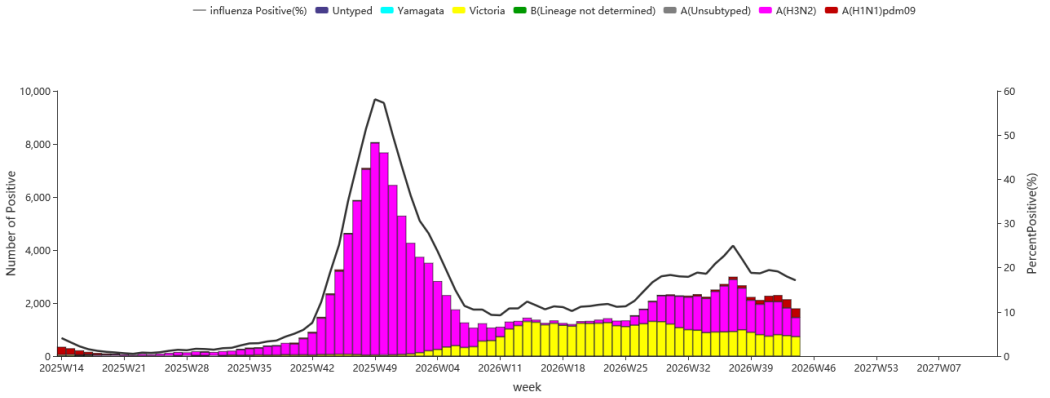


Figure 3. Influenza Positive Tests Reported by Southern Network Laboratories

Note: Analysis in this part was based on the test results of network laboratories. If it were not consistent with the results of CNIC confirmation, the results of CNIC confirmation were used.

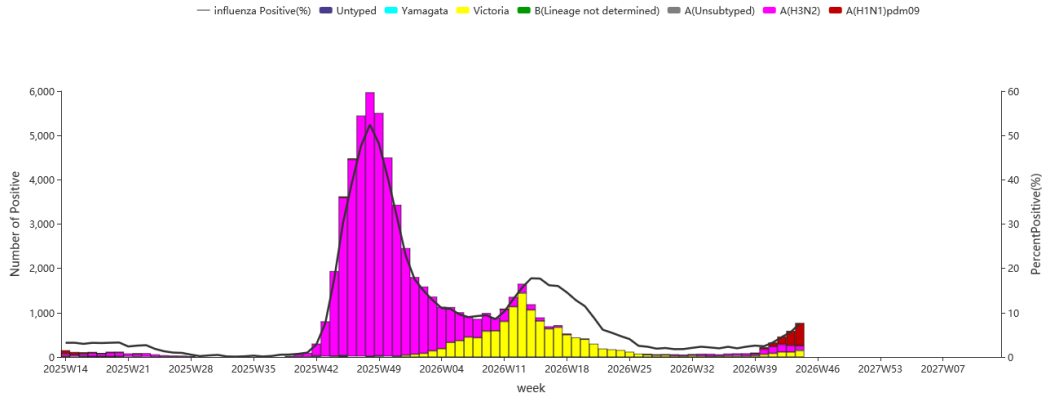


Figure 4. Influenza Positive Tests Reported by Northern Network Laboratories

Note: Analysis in this part was based on the result of network laboratories. If it were not consistent with the results of CNIC confirmation, the results of CNIC confirmation were used.

Antigenic Characterization

Since March 30, 2026, 72(94.7%) influenza A(H1N1)pdm09 viruses were characterized as A/Missouri/11/2025-like; 355(82.6%) influenza A(H3N2) viruses were characterized as A/Darwin/1454/2025(egg)-like, 387(90.0%) influenza A(H3N2) viruses were characterized as A/Darwin/1415/2025(cell)-like; 701(93.5%) influenza B/Victoria viruses were characterized as B/Tokyo/EIS13-175/2025-like.

Antiviral Resistance

Since March 30, 2026, among the influenza viruses tested by CNIC for antiviral resistance, all A(H1N1)pdm09 viruses were sensitive to neuraminidase inhibitors, all but 1 A(H3N2) and 2 B/Victoria viruses were sensitive to neuraminidase inhibitors; all A(H1N1)pdm09, A(H3N2) and B/Victoria viruses were sensitive to influenza polymerase inhibitors.

Outbreak Surveillance

During week 44, there were 106 ILI outbreaks reported nationwide. Among them, 12 were A(H3N2), 21 were A(H1N1)pdm09, 7 were A(subtype not determined), 17 were B/Victoria, 4 were B (lineage not determined), 23 were mixed, 3 were negative for flu, 19 had not obtained the testing results.