

Virological Surveillance Summary

The total number of specimens and number of positive specimens reported to FluNet by Western Pacific Region countries and areas between week 1 and 17 of 2025 are presented in Table 1 below. Influenza A(H1N1)pdm09 continues to dominate (**Figure 1**). Caution should be taken when interpreting this data as there are reporting delays.

Table 1: Cumulative data reported to FluNet from Western Pacific Region, week 1 to 17 of 2025

Country (most recent week of report)	Total number of specimens processed	Total number of influenza-positive specimens
Australia (17 of 2025)	67 760	3 201
Brunei Darussalam (17 of 2025)	607	145
Cambodia (16 of 2025)	1 488	67
China (17 of 2025)	528 987	70 496
Fiji (17 of 2025)	270	7
Japan (17 of 2025)	-	1 464
Republic of Korea (17 of 2025)	5 965	1570
Lao People's Democratic Republic (17 of 2025)	454	93
Malaysia (17 of 2025)	14 243	93
Mongolia (16 of 2025)	1 634	1 614
New Caledonia (17 of 2025)	763	130
New Zealand (16 of 2025)	681	142
Papua New Guinea (17 of 2025)	112	15
Philippines (17 of 2025)	1 215	151
Singapore (16 of 2025)	2 581	568
Viet Nam (16 of 2025)	1 172	377
Grand Total	627 932	80 131

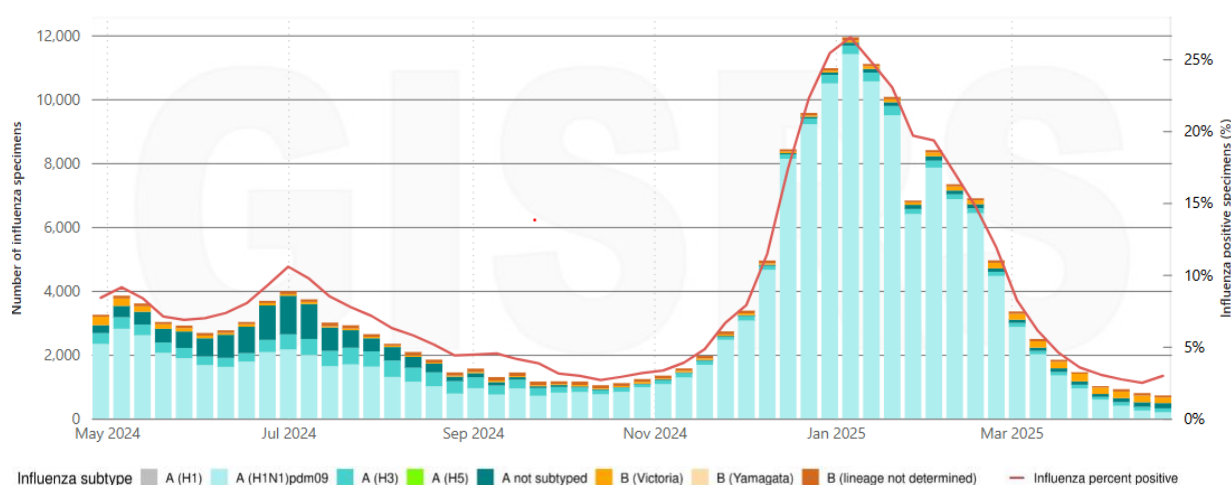


Figure 1: Number of specimens positive for influenza by subtype, Western Pacific Region, 28 April 2024 to 26 April 2025 (Source: [WHO FLUNET](https://www.who.int/flu-net))

Influenza surveillance summary

Influenza surveillance in the WHO Western Pacific Region is based on outpatient and inpatient indicator-based surveillance (IBS) systems, as well as event-based surveillance. Case definitions, population groups included, and data formats differ among countries. This influenza surveillance summary includes countries and areas where routine IBS is conducted, and information is available.

The [WHO surveillance case definition](#) for influenza-like illness (ILI) is an acute respiratory infection with a measured fever of $\geq 38^{\circ}\text{C}$ and cough, with symptom onset within the last 10 days. For SARI, it is an acute respiratory infection (ARI) with a history of fever or measured fever of $\geq 38^{\circ}\text{C}$ and cough, with symptom onset within 10 days that requires hospitalization.

Sentinel site data should be interpreted with caution since the number of sites reporting may vary between weeks.

Countries in the temperate zone of the Northern Hemisphere

In countries within the temperate zone of the Northern Hemisphere, ILI and influenza activity are similar or lower to the corresponding period from previous years.

Outpatient ILI Surveillance

[China \(North\)](#)

In week 17 of 2025, the ILI% in the northern provinces was 3.3%, slightly higher than the previous week (3.2%), lower than the same week of 2023-2024 (1.7% and 3.2%) (**Figure 2**).

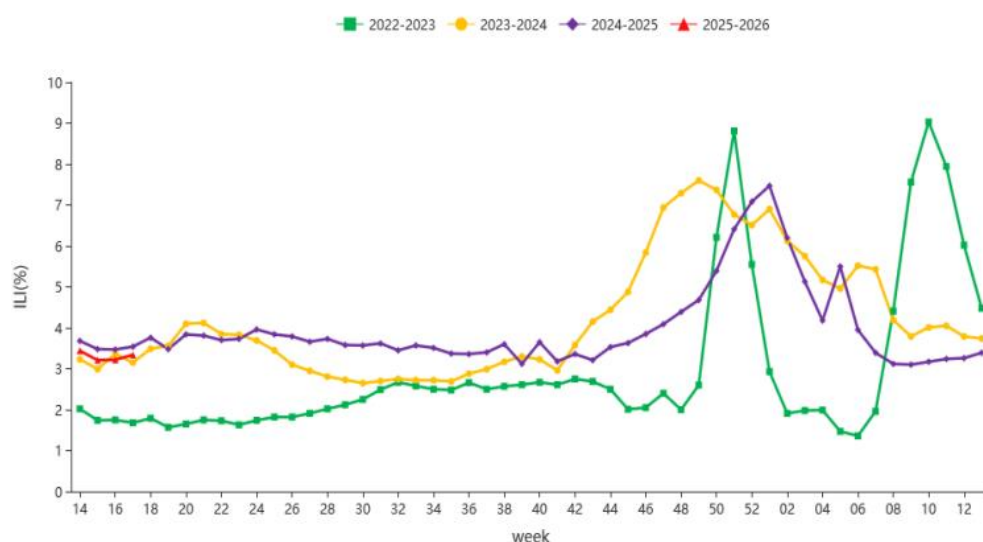
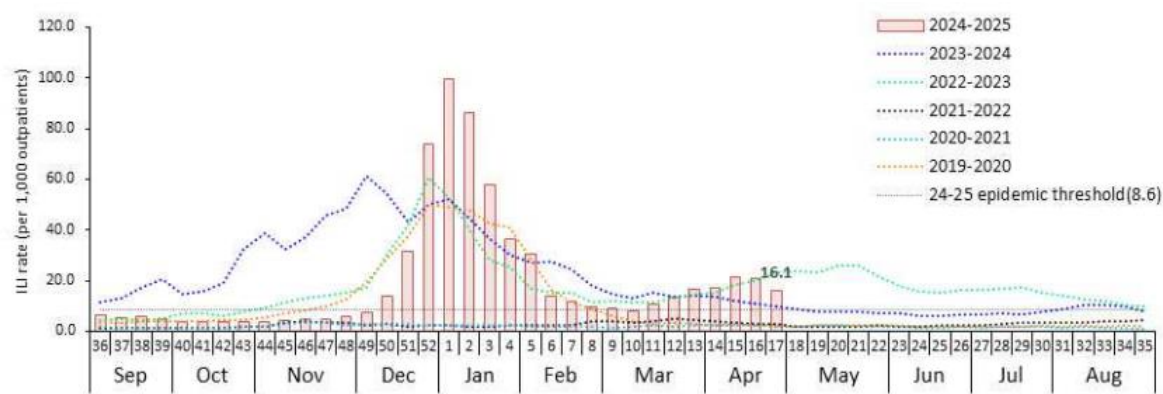


Figure 2: Percentage of visits for ILI at sentinel hospitals in northern China, 2021-2025

(Source: Chinese National Influenza Center)

[Republic of Korea](#)

In week 17 (the week of 20 April to 26 April 2025), the overall weekly ILI rate was 16.1%, which was lower than 21.6% recorded in the previous week (**Figure 3**). The positivity rate for influenza virus was 28.8% in week 17 of 2025 (positivity rate of influenza B was 28.3% and for A(H1N1)pdm09 was 0.5%). There were no A(H3N2) cases reported.



※ 2024-2025 season epidemic threshold: 8.6 cases (/1,000)

Figure 3: Weekly ILI incidence rate per 1,000 outpatient consultations, Republic of Korea, 2019-2025
([Source](#): Korea Disease Control and Prevention Agency).

Sentinel influenza surveillance

Japan

In week 17 of 2025, the weekly number of influenza cases reported by sentinel hospital sites in Japan slightly decreased compared to the previous week and is lower than the number of cases observed during the same period in previous years (**Figure 4**).

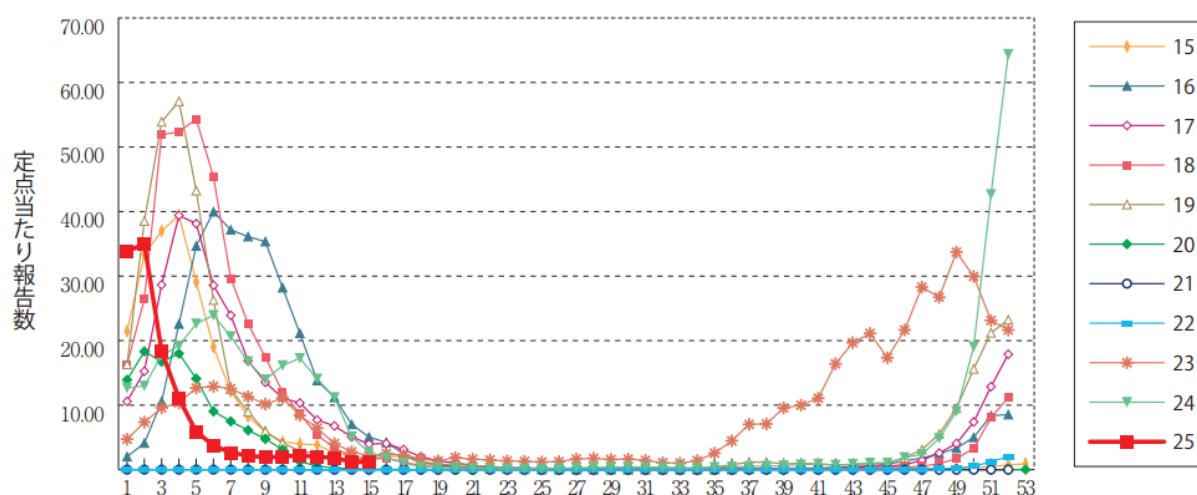


Figure 4: Weekly number of influenza cases reported per reporting sentinel hospital site, Japan 2015-2025
([Source](#): Japan National Institute of Infectious Diseases)

Countries/areas in the tropical zone

In the tropical zone, ILI activity is similar or lower to the corresponding period from previous years in most countries and areas.

China, Hong Kong SAR – ILI and Hospital Surveillance

In week 17 (the week of 20 April to 26 April 2025), the average consultation rate for influenza-like illness (ILI) among sentinel general outpatient clinics was 4.5 ILI cases per 1 000 consultations, which was lower than 5.7 recorded in the previous week (**Figure 5**). The average consultation rate for ILI among sentinel private medical practitioner clinics was 42.1 ILI cases per 1 000 consultations, which was higher than 41.0 recorded in the previous week (**Figure 6**).

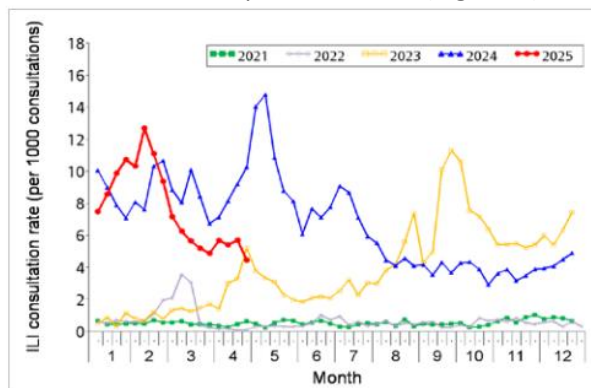


Figure 5: ILI consultation rates at sentinel general outpatient clinics, Hong Kong SAR 2021-2025
([Source](#): Hong Kong Centre for Health Protection)

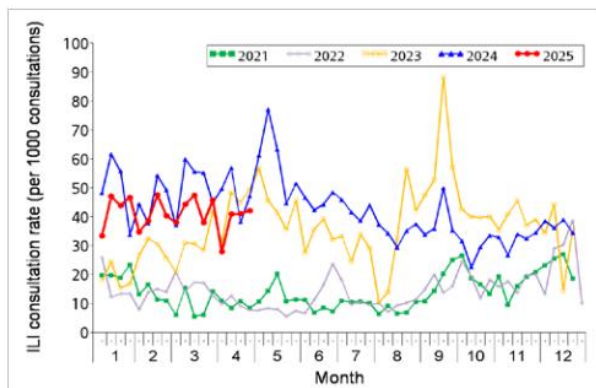


Figure 6: ILI consultation rates at sentinel private medical practitioner clinics, Hong Kong SAR 2021-2025
([Source](#): Hong Kong Centre for Health Protection)

China (South) - ILI Surveillance

In week 17 of 2025, the percentage of outpatient or emergency visits for ILI at national sentinel hospitals in the southern provinces was 3.9%, the same as the last week (3.9%) and lower than the same week of 2023-2024 (5.6% and 5.3%, respectively). (**Figure 7**).

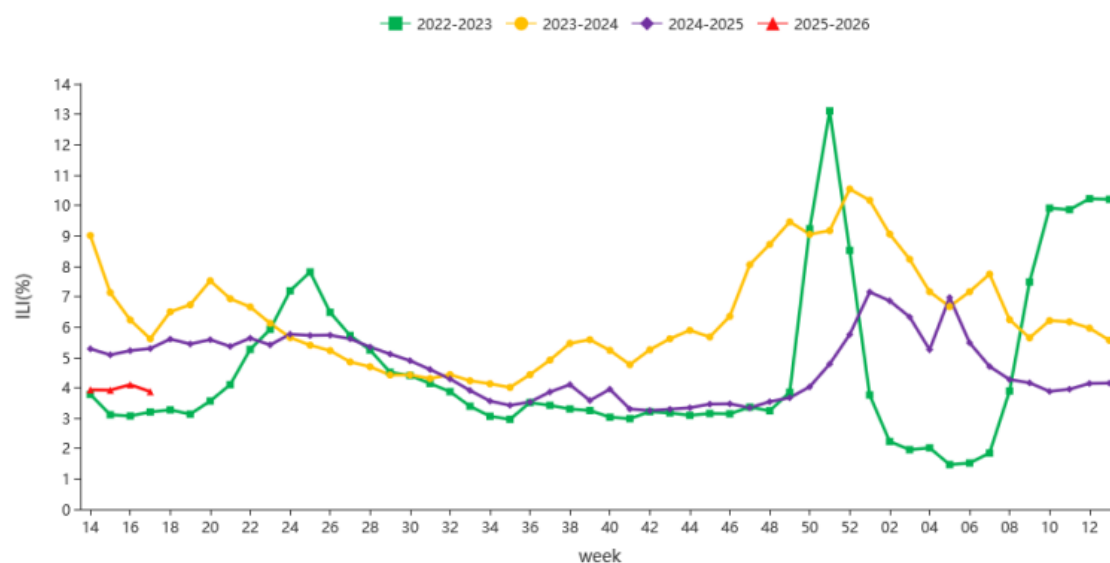


Figure 7: Percentage of visits due to ILI at national sentinel hospitals in Southern China, 2022-2025
([Source](#): China National Influenza Center)

Singapore – Acute Respiratory Infection (ARI) Surveillance

In week 17 (the week of 20 April to 26 April 2025), the average daily number of patients seeking treatment in the polyclinics for ARI was 2 781 (over 5.5 working days) (**Figure 8**). The proportion of patients with ILI among the polyclinic attendances for ARI was 0.5%. The positivity rate for influenza among ILI samples (n=171) in the community was 11% in week 17. Of the 76 specimens tested positive for influenza in March 2025, 22 were positive for influenza A(H1N1)pdm09 (28.9%), 8 were positive for influenza A(H3N2) (10.5%), and 46 were positive for influenza B (60.5%) (**Figure 9**).

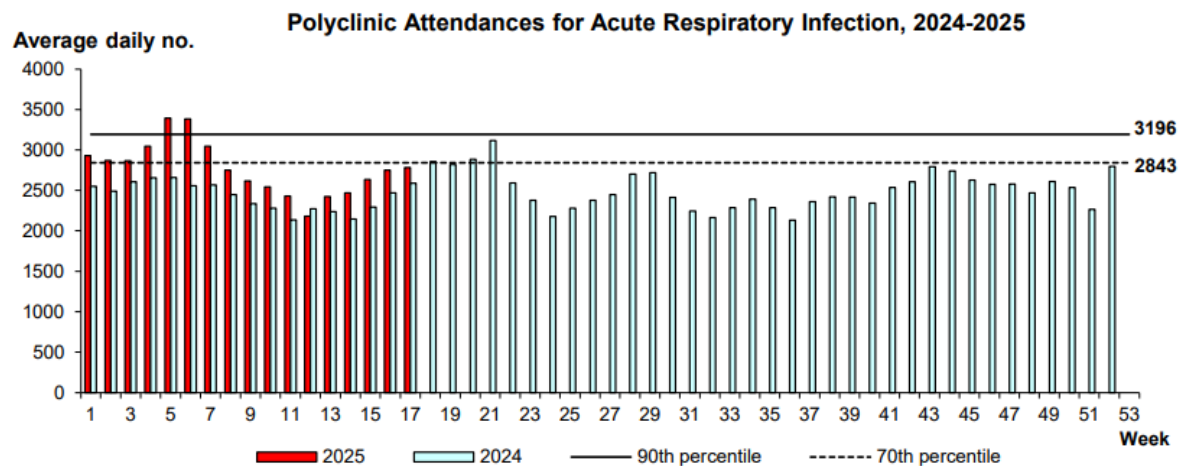


Figure 8: Average daily polyclinic attendances for ARI in Singapore, 2024-2025

(Source: Singapore Ministry of Health)

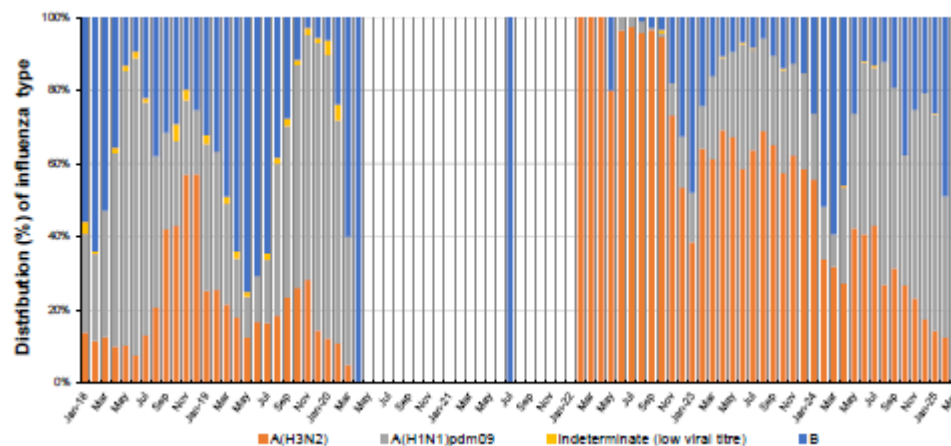


Figure 9: Monthly influenza surveillance for ARI in Singapore, 2018-2025

(Source: Singapore Ministry of Health)

Lao People's Democratic Republic

In week 17 (21 April to 27 April 2025), the National Center for Laboratory and Epidemiology received data from all sentinel sites in Lao PDR. The weekly number of ILI cases reported was higher compared to the previous week (**Figure 10**). There were 36 samples tested for influenza in week 17, of which four were positive for influenza A/H3. There was one each positive case for influenza A(H1N1)pdm09 and influenza B Victoria.

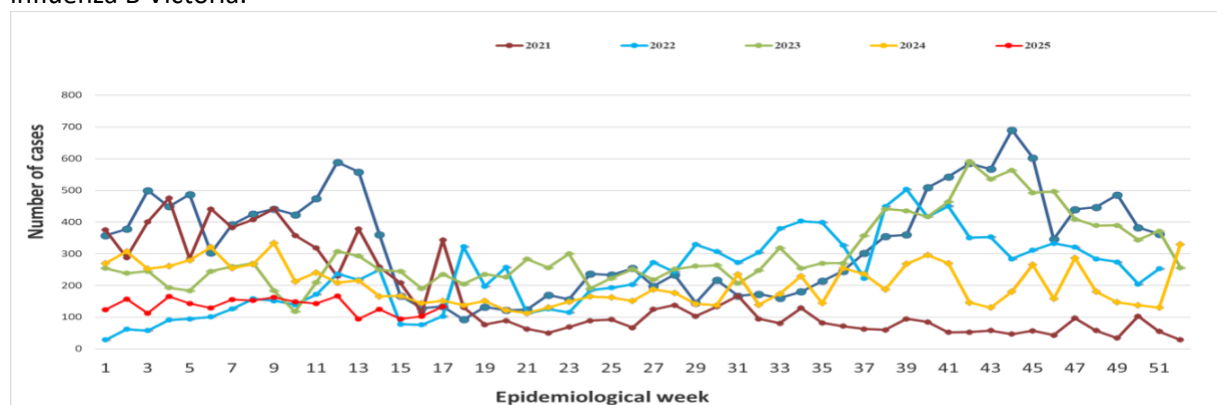


Figure 10: Weekly number of ILI cases at sentinel sites, Lao People's Democratic Republic, 2021-2025
(Source: Lao PDR National Center for Laboratory and Epidemiology)

Cambodia

In week 15 of 2025, the Ministry of Health received data from all seven sentinel sites in Cambodia. The number of ILI cases in Cambodia decreased in week 15 of 2025 (175 cases) compared to week 14 of 2025 (189 cases) (**Figure 11**). However, the positivity rate increased to 16% compared to 9% in the week prior. From week 1 to 15 of 2025, a total of 351 influenza cases were reported, of which, 184 were positive for influenza A(H3N2), 111 were for influenza B Victoria, and 56 for influenza A(H1N1)pdm09.

Note: Starting from week 2 of 2024, the ILI surveillance has been updated as follows: a) Changed case definitions of ILI from $>38^{\circ}\text{C}$ (greater than 38) to $\geq 38^{\circ}\text{C}$ (greater or equal to 38), b) Increasing number of samples per sentinel sites from 5 to 10 per week. Therefore, the number of cases and positivity might also increase.

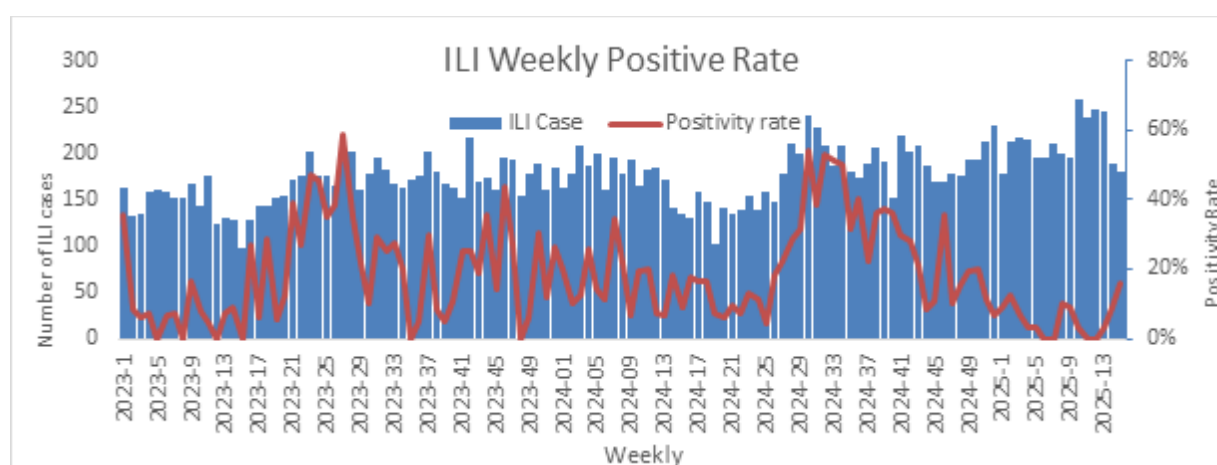


Figure 11: Number of ILI cases from sentinel sites and influenza positivity rate by week, 2024-2025, Cambodia
(Source: Communicable Disease Control Department, Cambodia Ministry of Health)

Countries in the temperate zone of the southern hemisphere

In the temperate zone of the southern hemisphere, influenza activity is reported during the influenza season, usually starting in May in Australia and New Zealand.

Australia – Laboratory-confirmed influenza

From 7 April to 20 April 2025, the number of influenza cases remained relatively low. The monthly number of influenza cases was slightly higher than the previous month, and higher than the five-year average and the number of cases seen in the same period in previous years; however, case numbers remain at interseasonal levels (**Figure 12**). In the year-to-date (1 January 2025 to 20 April 2025), influenza A has accounted for the majority of influenza notifications across all jurisdictions, however more jurisdictions have been experiencing increasing proportions of influenza B notifications.

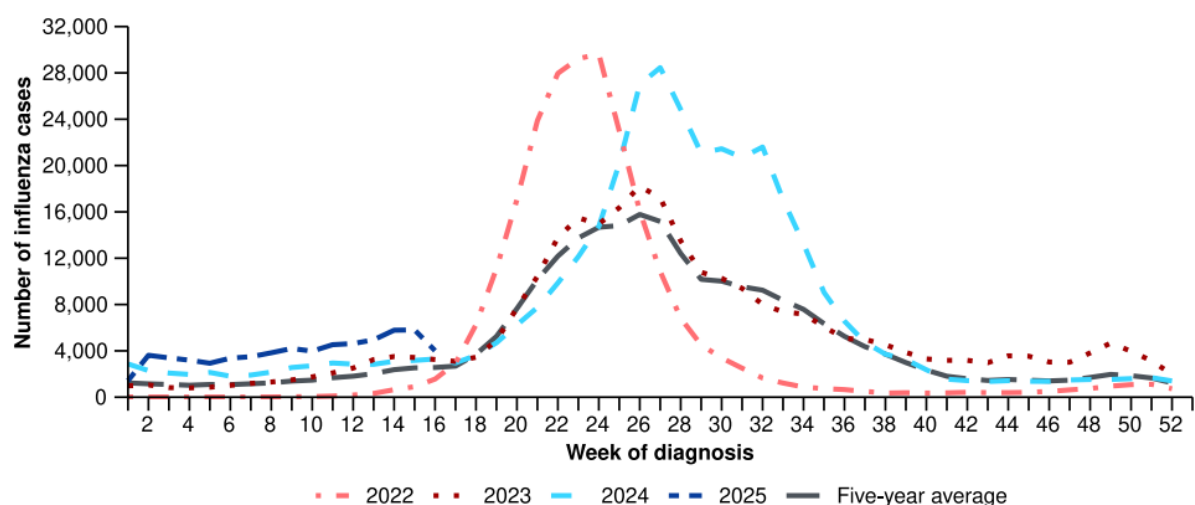


Figure 12: Notifications of laboratory-confirmed influenza by year and week from 2022 to 2025 in Australia
([Source](#): National Notifiable Diseases Surveillance System, Australian Department of Health)

New Zealand – ILI Surveillance

During week 17 of 2025 (from 20 April to 26 April 2025), the national rate of ILI-related Healthline calls is 15.46 per 100 000 population, a slight decrease in the past week, lower compared to the same time in 2024 (**Figure 13**). Influenza detections in community and hospital settings remain at low inter-seasonal levels.

Weekly Healthline ILI call rates

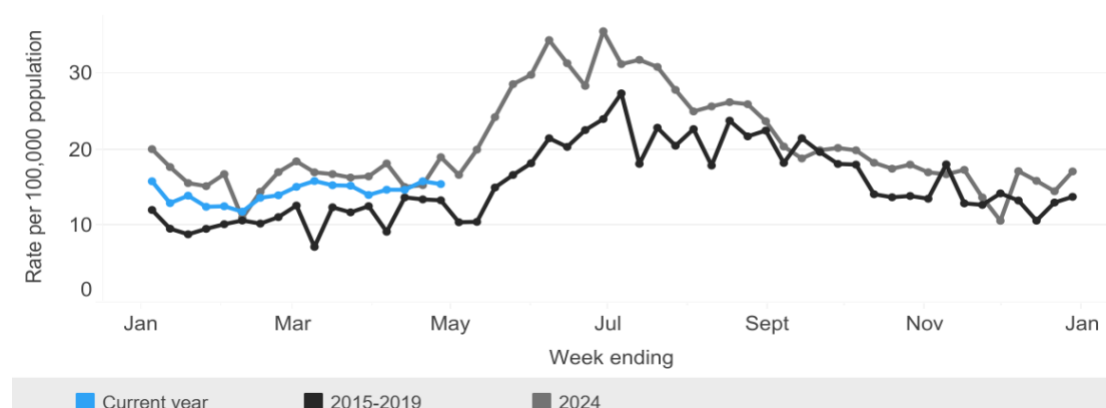
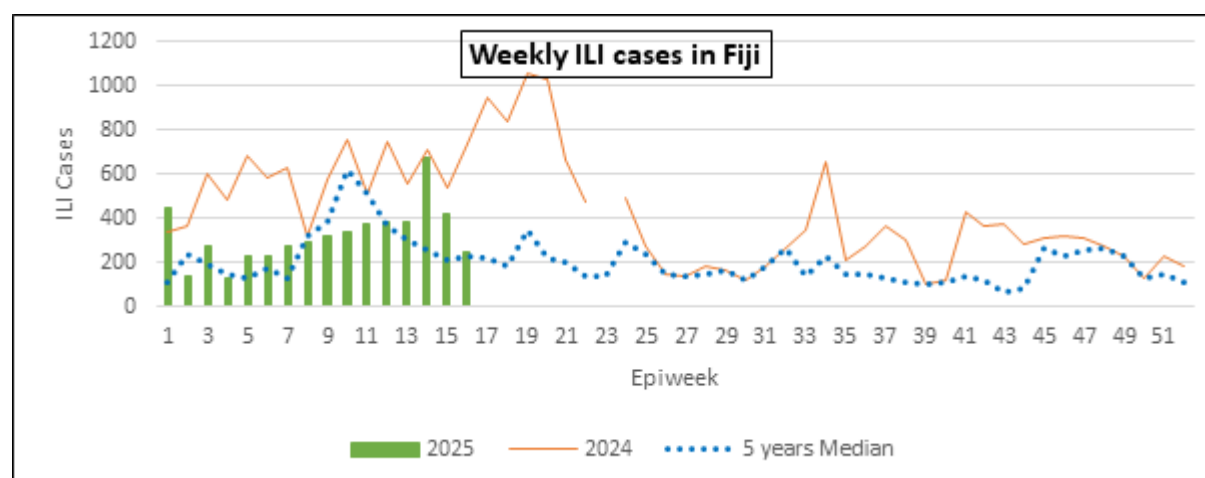
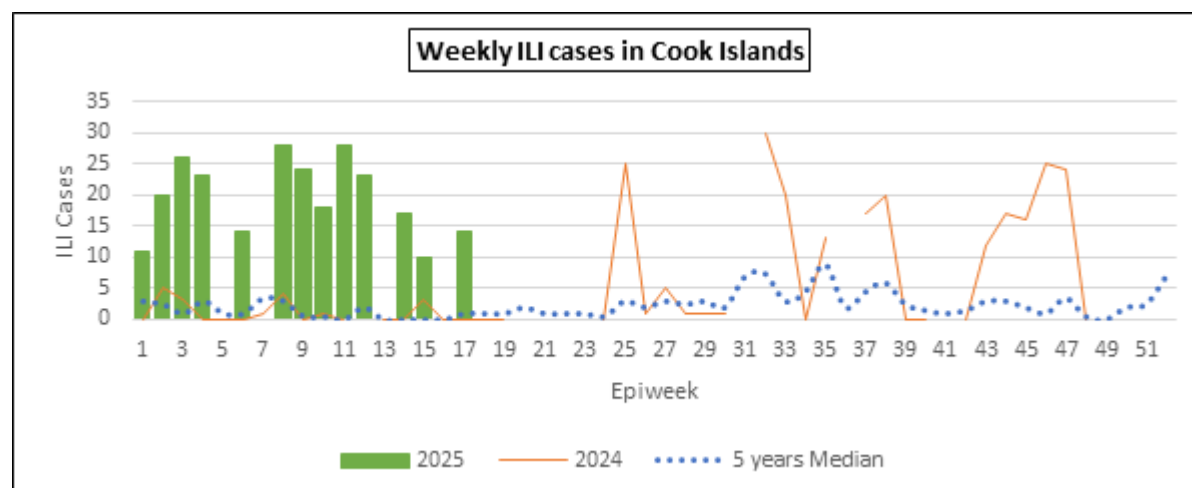
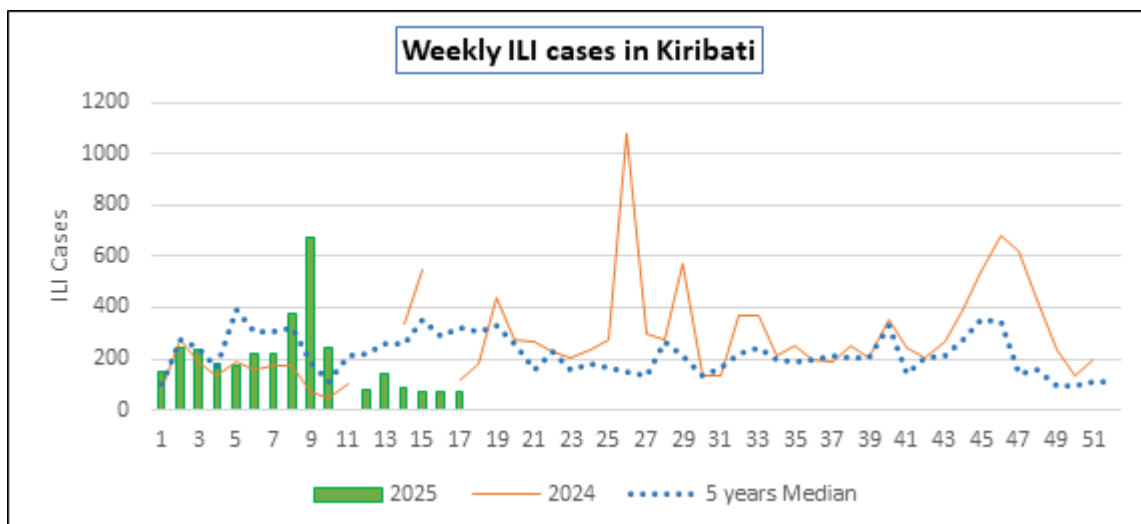
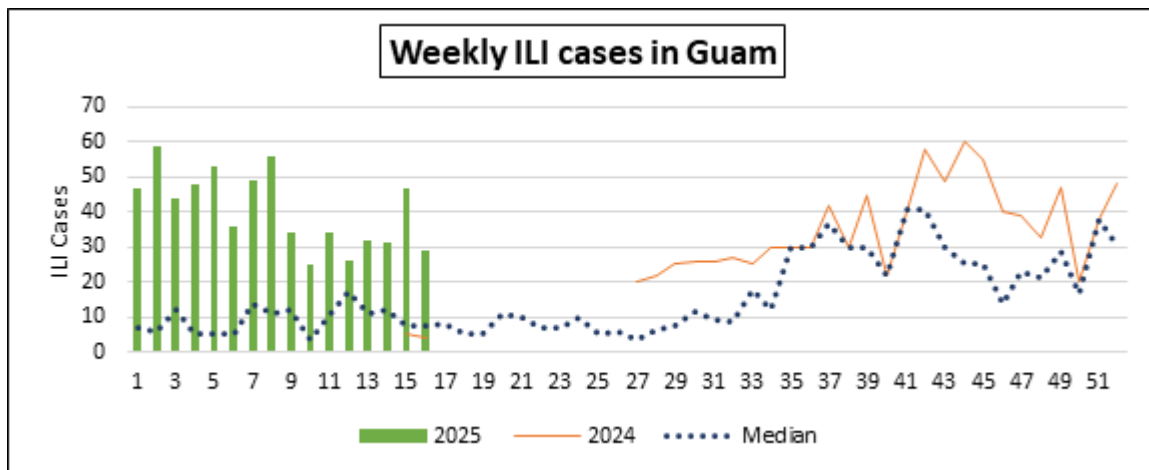
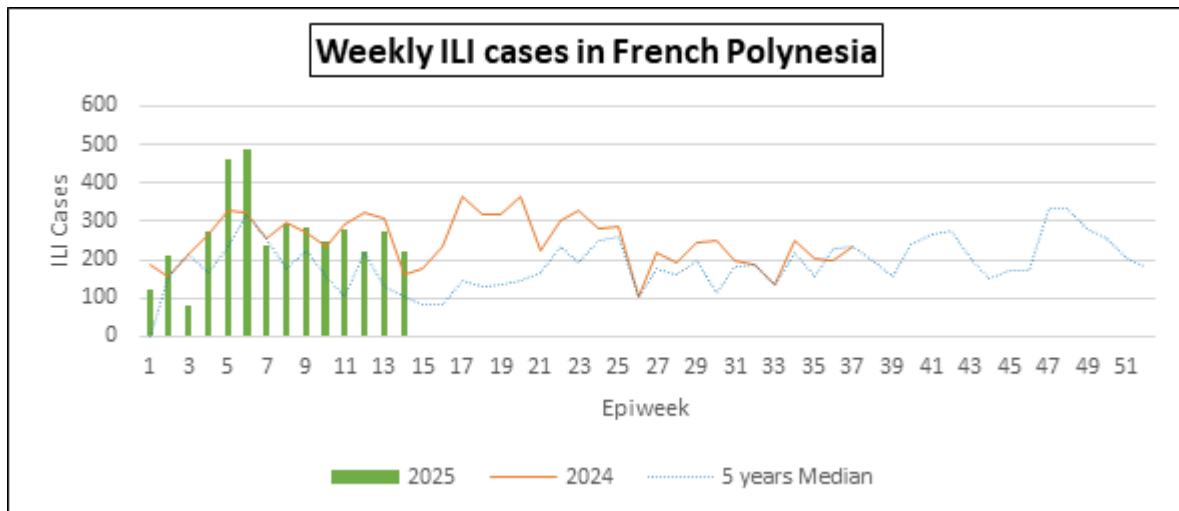


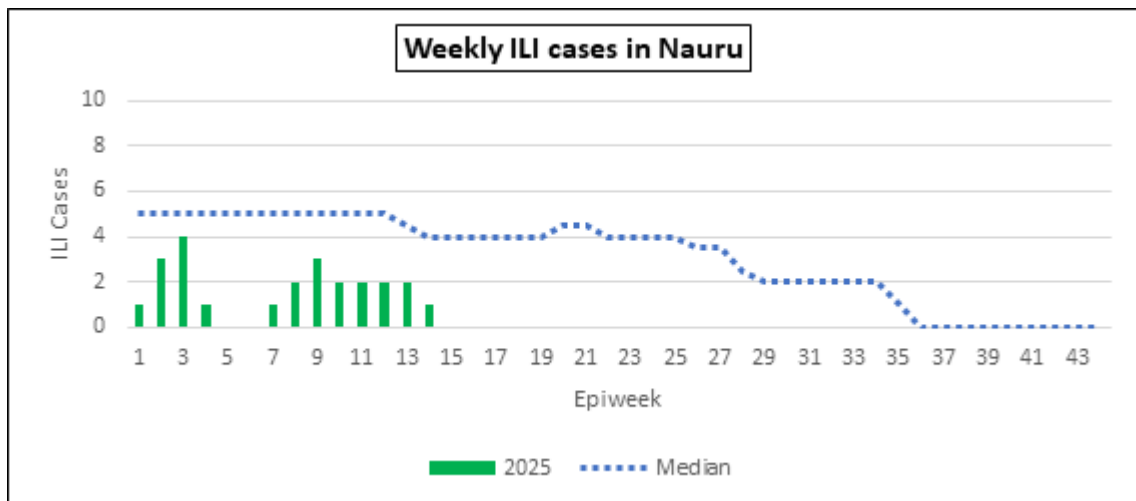
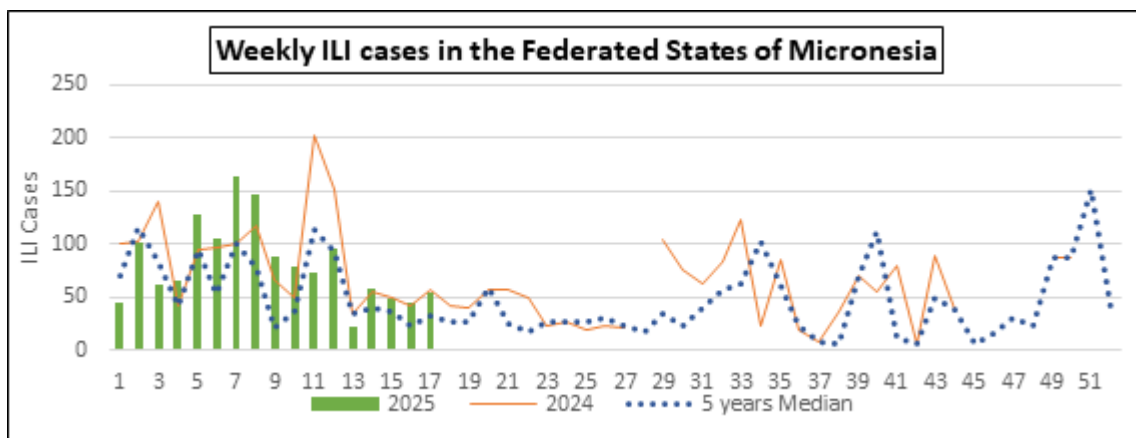
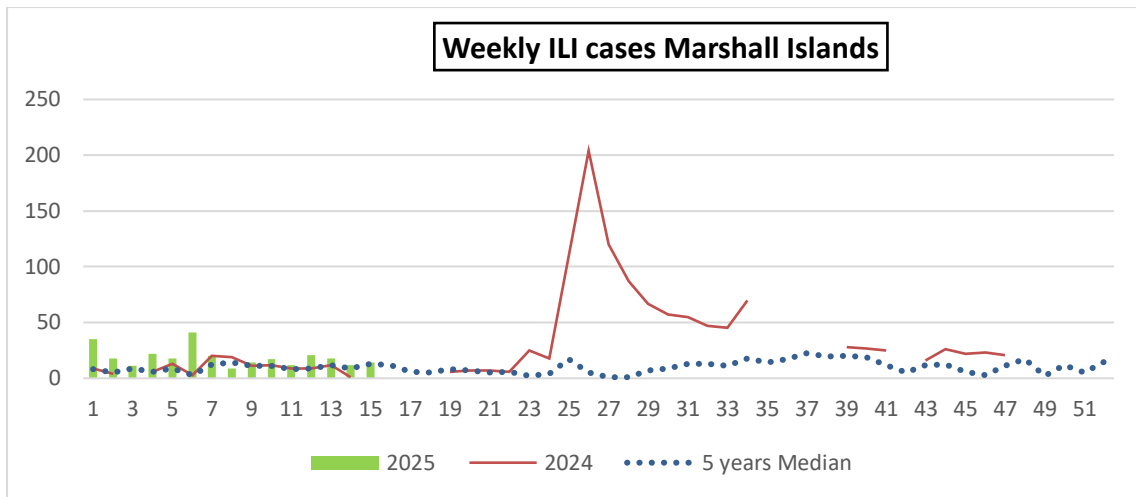
Figure 13: Weekly Healthline ILI call rate per 100,000 people in New Zealand in 2015-2025
([Source](#): New Zealand Institute of Environmental Science and Research)

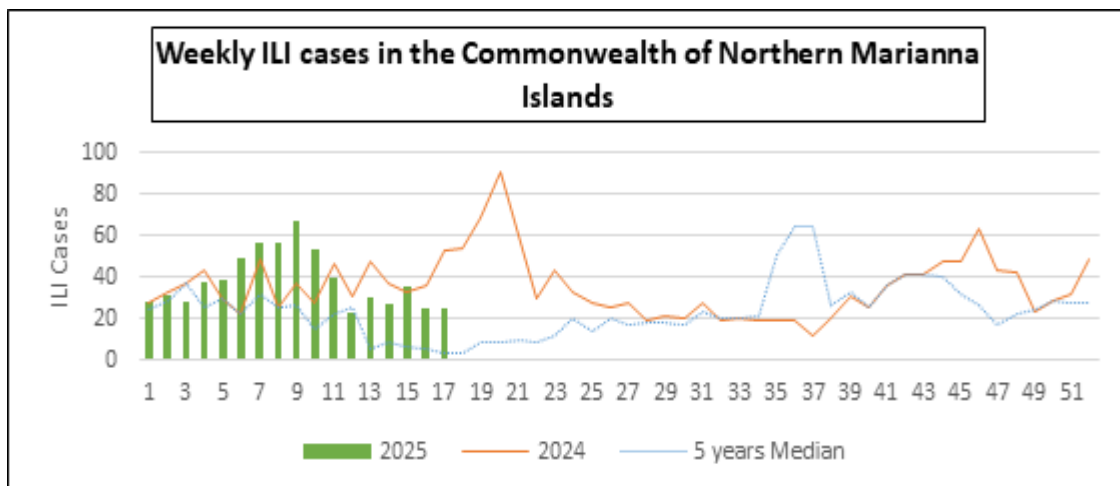
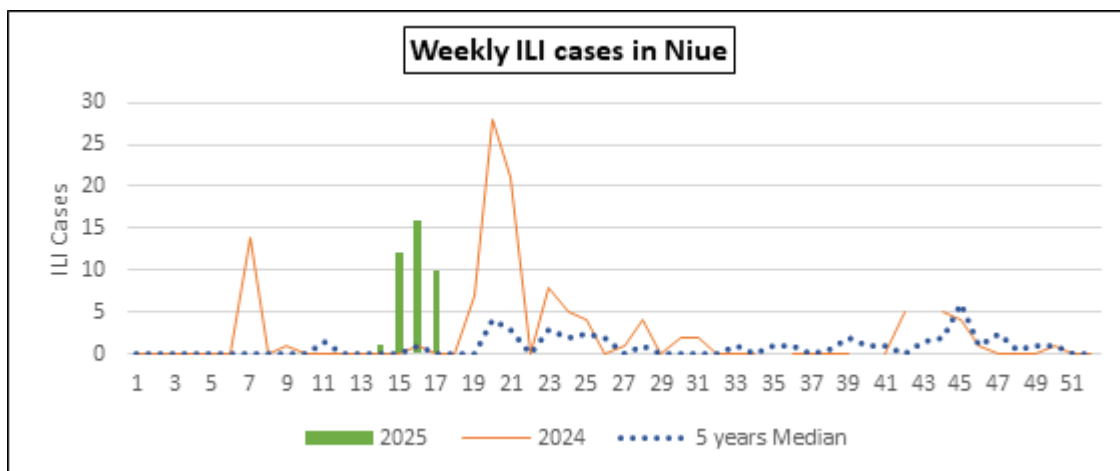
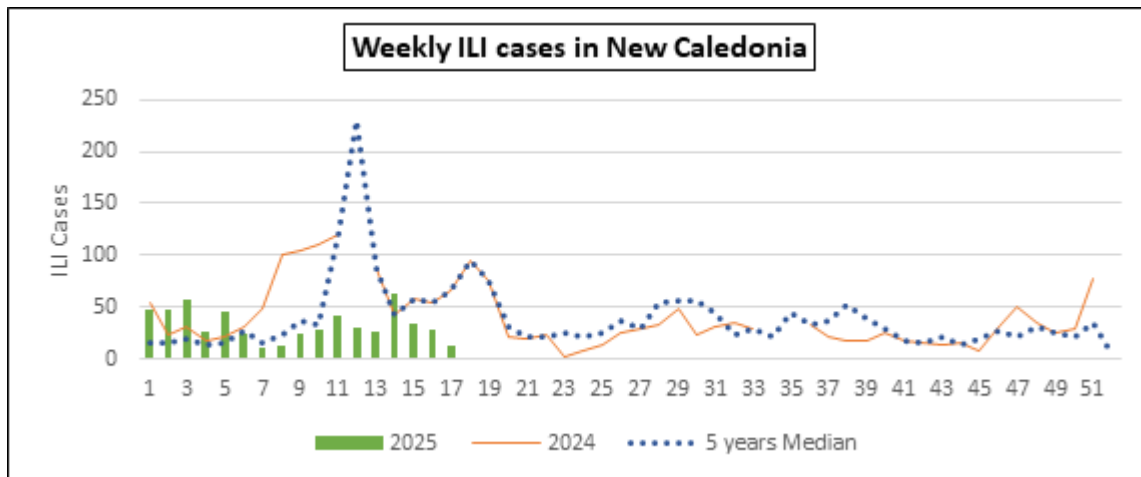
Pacific Island Countries and Areas (PICs) - ILI Surveillance

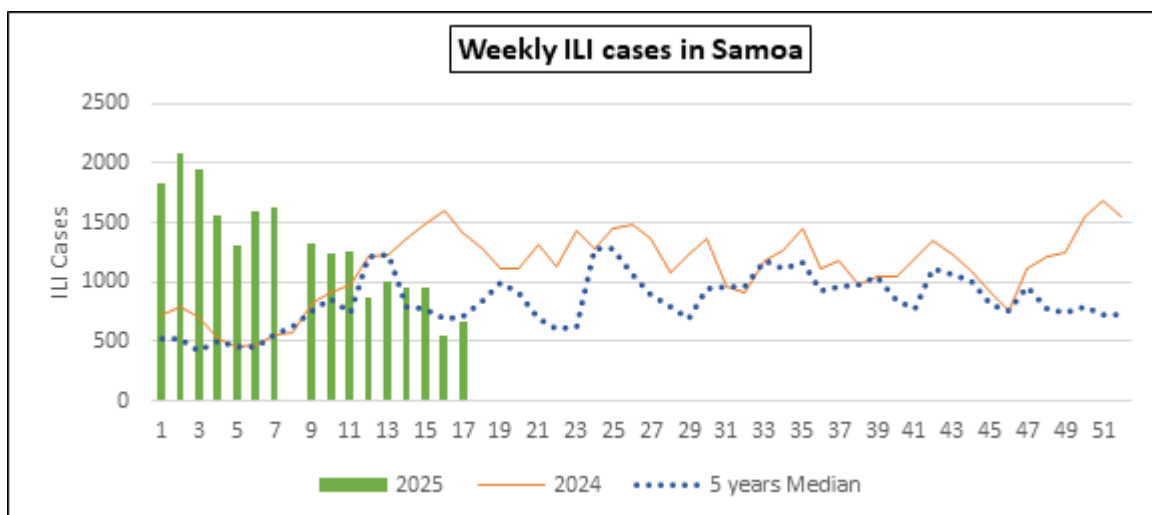
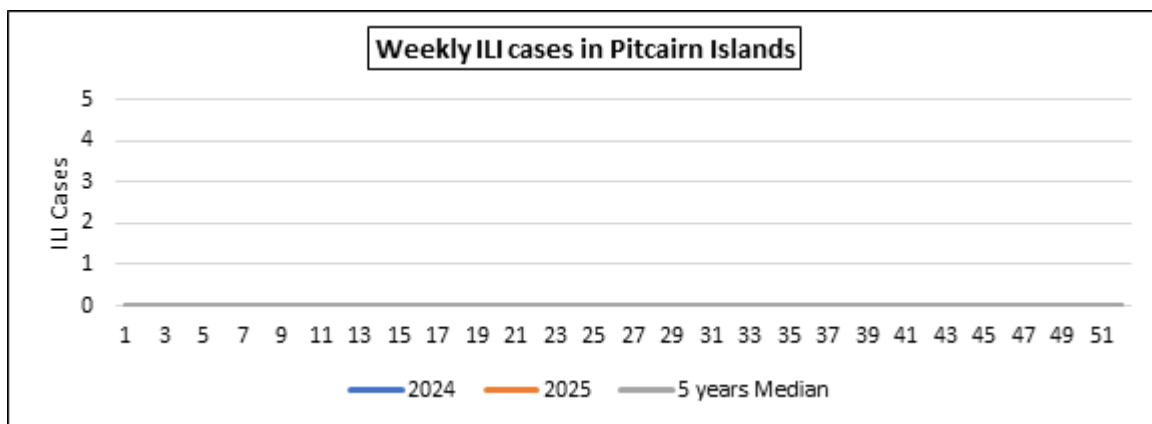
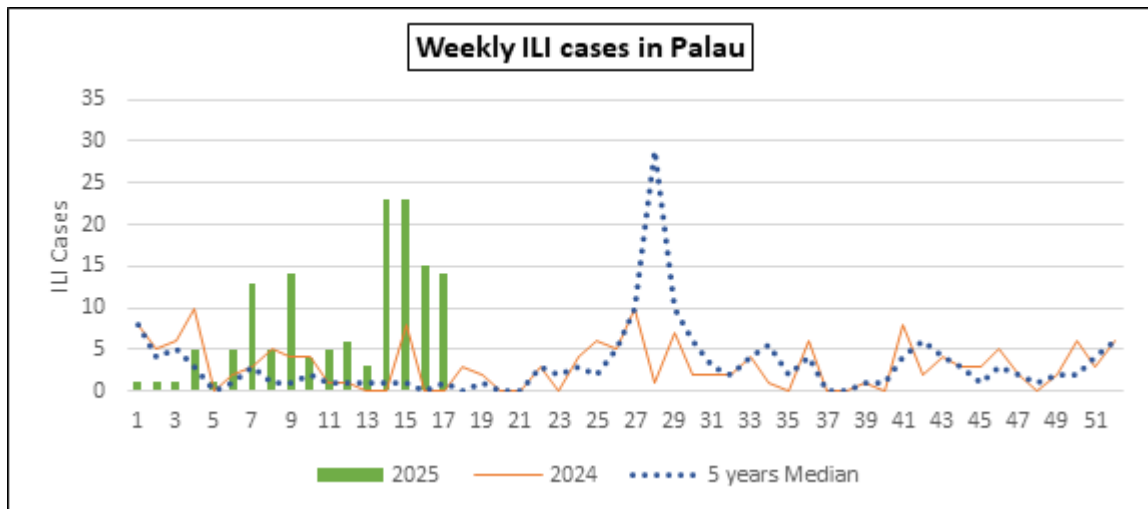
In week 17 of 2025, 20 out of 21 PICs reported ILI surveillance data. No report is available for American Samoa. In this reporting period Cook Islands, Marshall Islands, Micronesia (Federated States of), Samoa, Tonga and Vanuatu reported an increase in ILI cases, compared to the previous week. Fiji, French Polynesia, Guam, Kiribati, Nauru, New Caledonia, Niue, Northern Marianna Islands (Commonwealth of), Palau, Solomon Islands, Tuvalu, and Wallis and Futuna reported similar or a decrease in ILI cases compared to the previous week (**Figure 14**). Pitcairn Islands and Tokelau did not report any cases. (**Figure 14**).

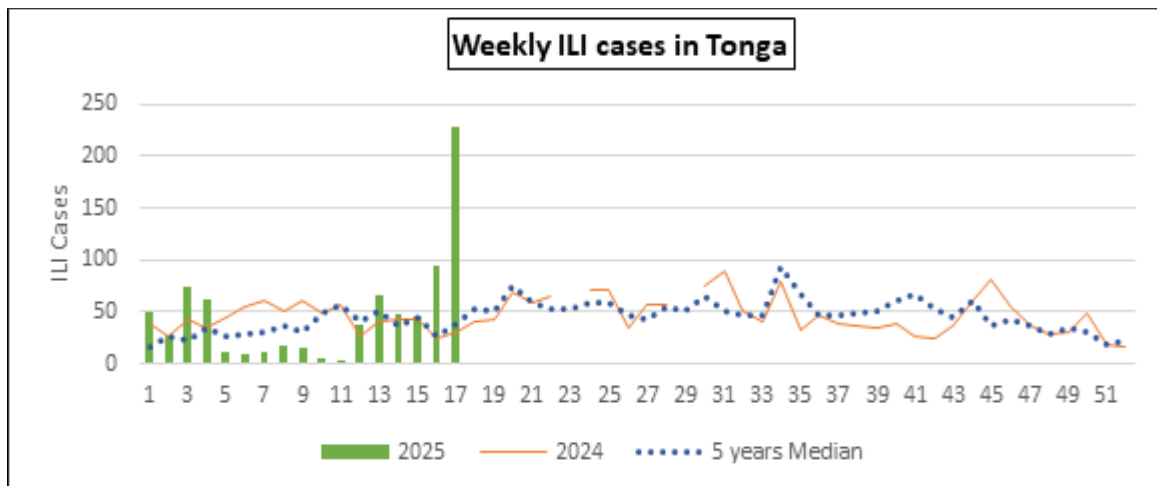
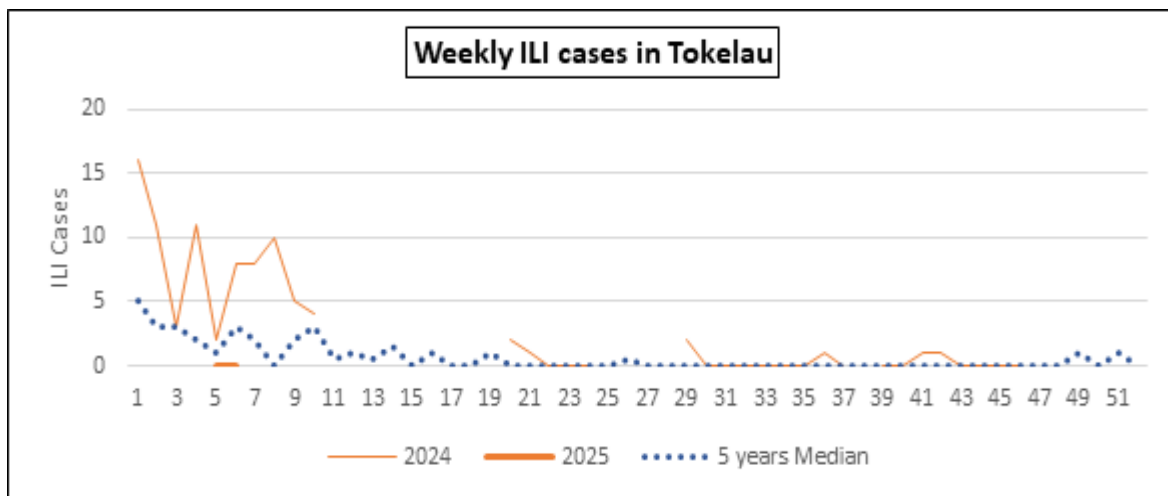
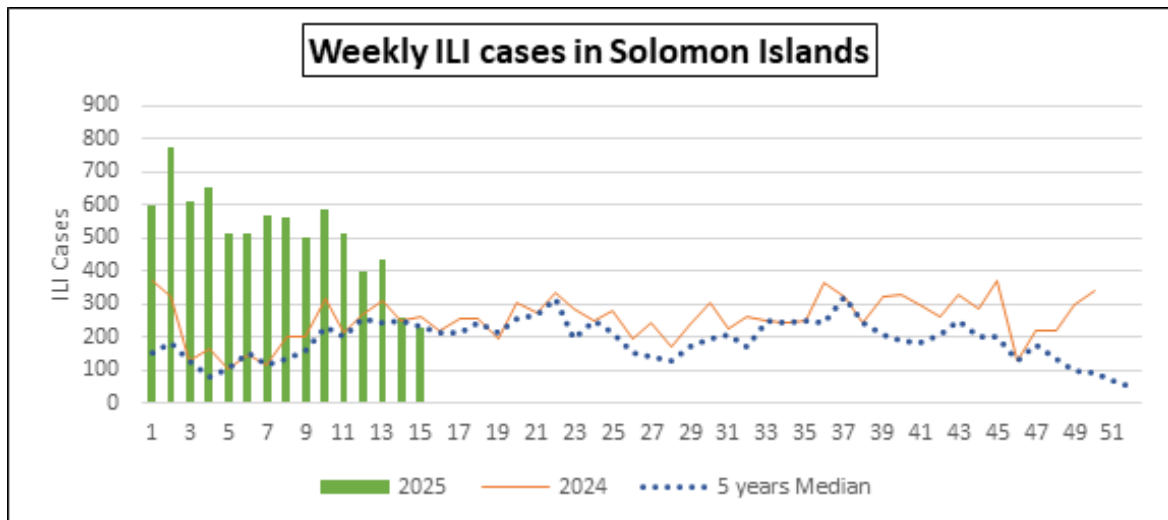












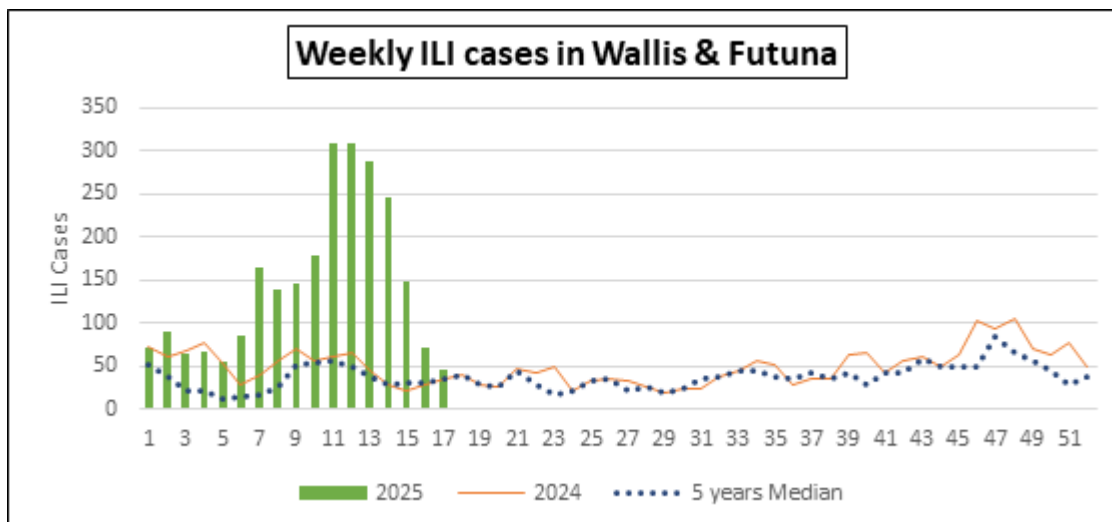
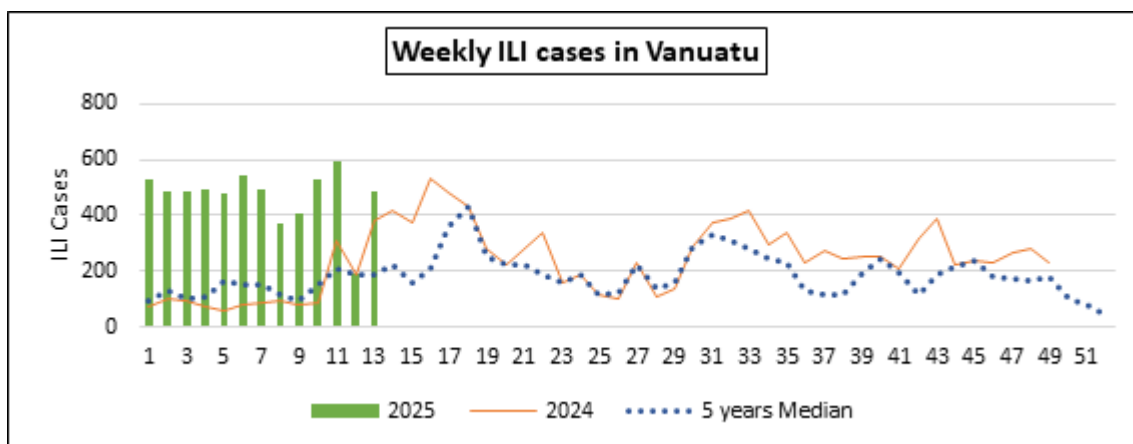
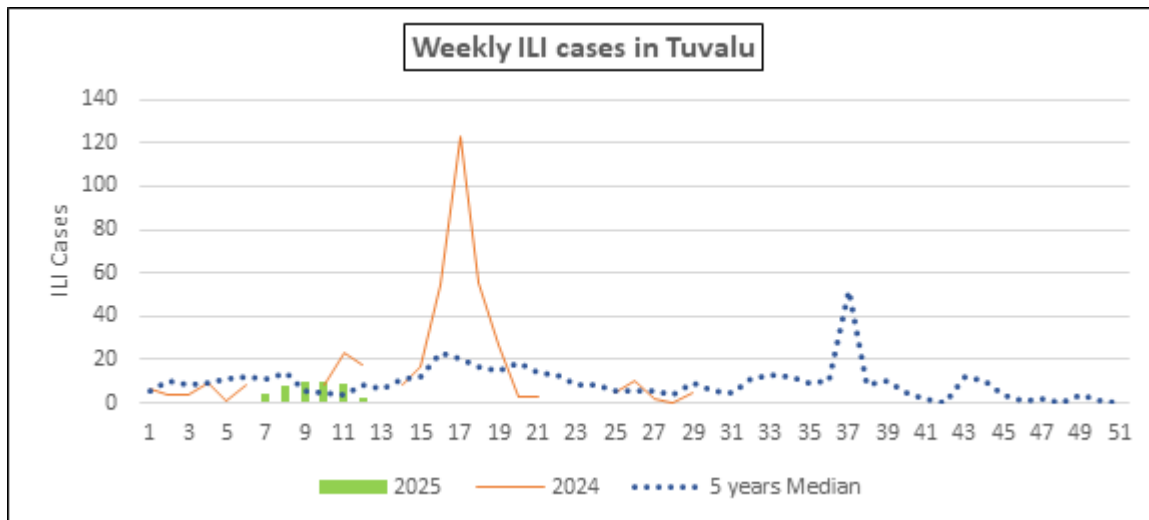


Figure 14: Weekly number of cases of influenza-like illness in Pacific Island Countries, 2024-2025 and 5-year median

(Source: Pacific Syndromic Surveillance System Weekly Bulletin)

Note: Caution should be taken in interpreting these data as there may be changes in the number of sentinel sites reporting to the Pacific Syndromic Surveillance System.

Global influenza situation updates

[Virological update](#)

[Global update](#)

Others:

- Recommended composition of influenza virus vaccines for use in the 2025-2026 northern hemisphere influenza season [Link](#)
- Recommended composition of influenza virus vaccines for use in the 2025 southern hemisphere influenza season [Link](#)
- WHO Consultation on the Composition of Influenza Virus Vaccines for Use in the 2025-2026 Northern Hemisphere Influenza Season [Link](#)
- WHO Consultation on the Composition of Influenza Virus Vaccines for Use in the 2025 Southern Hemisphere Influenza Season 23-26 September 2024 [Link](#)
- WHO issues updated influenza vaccines position paper [Link](#)

WHO's YouTube Channel: film exploring a number of key aspects of the constant evolution of influenza viruses and associated impacts on public health. [Arabic](#), [Chinese](#), [English](#), [French](#), [Russian](#), [Spanish](#)