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**ASEAN
BIODIASPORA
VIRTUAL CENTER**

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Bi-Weekly Epidemic Intelligence Report

Epi-week 31-32, 2024

With Support by:



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Prevention Agency



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ASIAN NATIONS

This report aims to provide the summary of the situation on infectious and emerging diseases in the ASEAN Region over the past two weeks. We collate various information from multiple official and publicly available sources. This report is published once every two weeks on Tuesday. For feedback and/or suggestions, please write to support@biodiaspora.org

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Definitions

Below is a list of commonly referred to terms and keywords in the bi-weekly reports:

ASEAN Biodiaspora Virtual Center (ABVC)

The ASEAN Biodiaspora Virtual Center (ABVC) is a center for monitoring, detection, and risk assessment of biological threats. ABVC aims to strengthen ASEAN's pandemic preparedness and response through enhancement of big data analytics and visualization.

Hazard

A source/incident that has the potential to cause morbidity or mortality in an exposed human population.

Signal

An incident/situation involving a hazard that has occurred. Signals are typically news/updates identified through Event-Based Surveillance and Indicator-Based Surveillance, utilizing both official and non-official sources.

Threat

Any signal as assessed by the ABVC to have the potential to pose a near-future risk to the ASEAN region based on the rapid risk assessment.

Event of Regional Interest

A threat within ASEAN member states (AMS) that has been identified as a risk to the public health of ASEAN member states.

Threat of Regional Interest

Any threat from neighboring countries that has been confirmed by ABVC as having the potential to pose a near-future risk to the populations of ASEAN Member States.

Bi-weekly Events Summary in the ASEAN Region

(July 27 – August 09, 2024)

This bi-weekly report provides an overview of the signals, potential threats, and specifically Events of Regional Interest detected and identified by the ASEAN Biodiaspora Virtual Center between July 27 – August 09, 2024.

24

Disease
Signals

0

Potential
Threat

Executive Summary

Disease Signals Over the past two weeks, the ABVC has detected 24 infectious disease signals in the ASEAN region. Dengue accounted for 62.5% of these signals, followed by rabies (12.5%), avian influenza and leptospirosis (8.3% each), and measles and pertussis (4.2% each).

Potential Threats During the past two weeks, no disease signals have posed a potential threat to the ASEAN region.

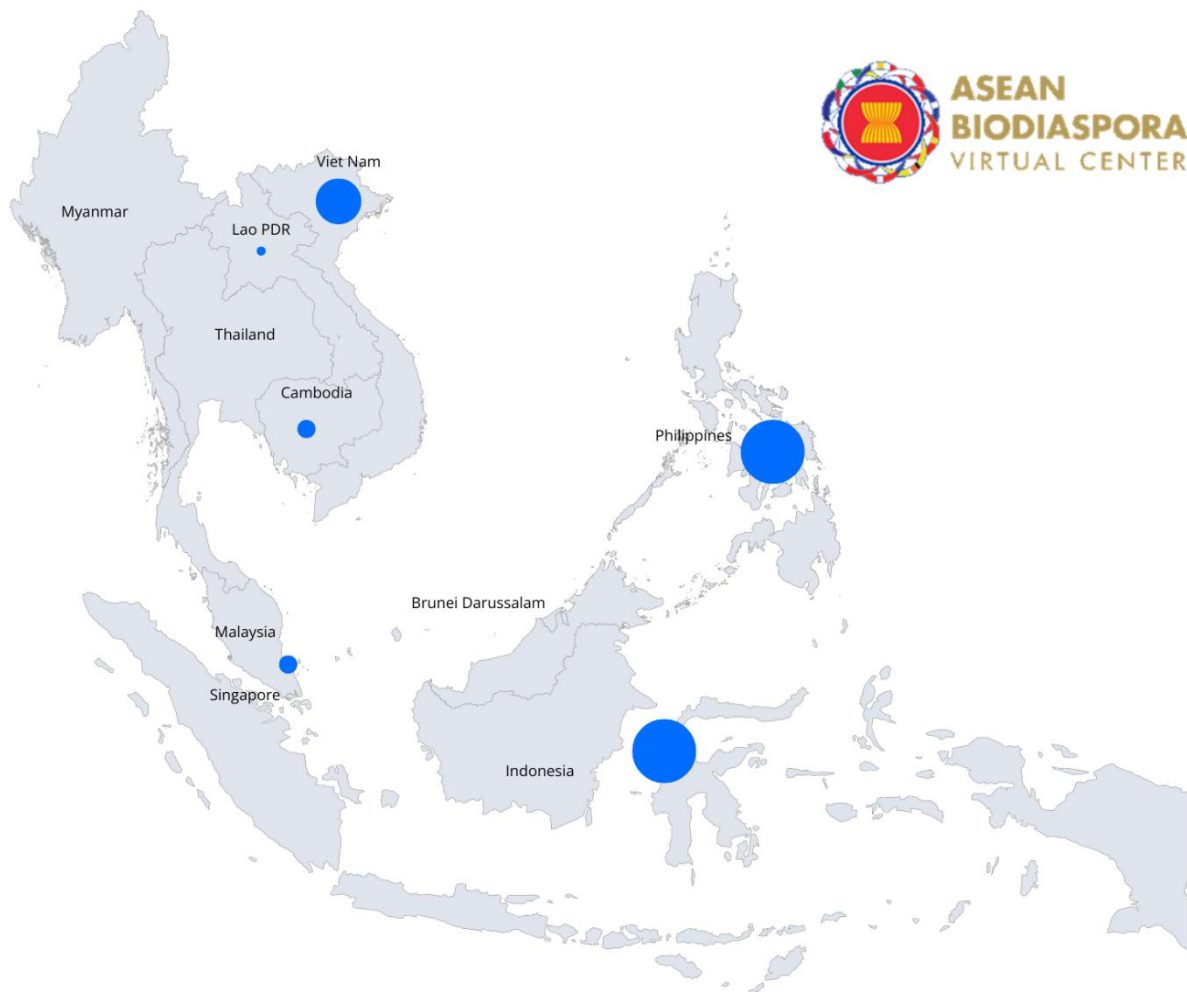
Events of Regional Interest Over the past two weeks, ABVC has closely monitored several events of regional interest, including the global spread of COVID-19 and various infectious diseases within the ASEAN region, such as dengue, malaria, measles, mpox, and rabies. More detailed information is available in our ***Morbidity and Mortality Weekly Report***, which can be accessed [\[here\]](#).

Threat of Regional Interest ABVC closely monitors global and regional threats that could affect the ASEAN region and promptly issues **Disease Alerts** as needed. Access the latest alert [\[here\]](#).

Signals and Potential Threats

The ABVC actively monitors the ASEAN region for daily disease signals. Through our analysis, specific signals are identified as threats or events of regional concern. Potential threats are identified by considering the connectivity between ASEAN countries.

Disease Signals Detected in the ASEAN Region



Number of detected signals in epi-week 31-32

by country, for Jul 27 - Aug 09, 2024

Infectious disease signals



Figure 1. Disease signals detected in epi-week 31-32, 2024

Over the past two weeks, a total of 24 infectious disease signals were detected in the region. A total of 7 signals were detected in the Philippines and Indonesia, followed by Viet Nam (5 signals), Malaysia and Cambodia (2 signals), and Lao PDR (1 signals). No infectious disease signals were detected in Brunei Darussalam, Myanmar, Singapore and Thailand.

Of the 24 infectious disease signals detected, the majority were vector-borne (68%), followed by zoonoses (20%), vaccine-preventable diseases (8%), and emerging diseases (4%) (Table 1).

Table 1. Infectious disease Signals detected between July 27 – August 09, 2024

Disease category	Disease	Country (Signal detected)	No of signal
Vaccine-preventable disease	Measles	Viet Nam (1)	1
	Pertussis	Viet Nam (1)	1
Vector-borne disease	Dengue	Indonesia (4), Lao PDR (1), Malaysia (2), Philippines (6), Viet Nam (2)	15
	Leptospirosis	Indonesia (1), Philippines (1)	2
Zoonosis	Avian influenza	Cambodia (2)	2
	Rabies	Indonesia (2), Viet Nam (1)	3



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