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**ASEAN
BIODIASPORA
VIRTUAL CENTER**

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Bi-Weekly Epidemic Intelligence Report

Epi-week 35-36, 2024

With Support by:



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ASSOCIATION
OF SOUTHEAST
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.

Potential Threats

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.

Threat of Regional Interest

Any threat from neighbouring 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

(August 24 – September 6, 2024)

This bi-weekly report provides an overview of the signals and potential threats detected and identified by the ASEAN Biodiaspora Virtual Center between August 24 – September 6, 2024.

23

Disease
Signals

0

Potential
Threat

Executive Summary

Disease Signals Over the past two weeks, the ABVC has detected 23 infectious disease signals in the ASEAN region. Dengue accounted for 12 signals, followed by mpox (3 signals), measles (2 signals), African swine flu, leptospirosis, melioidosis, pertussis, rabies, and swine flu (1 signal each).

Potential Threats There have been no disease signals posing a potential threat to the ASEAN region in the past two weeks.

Threat of Regional Interest ABVC closely monitors global and regional threats that could affect the ASEAN region and promptly issues **Disease Alerts** as needed which can be accessed [\[here\]](#). In response to the World Health Organization's declaration of a public health emergency of international concern for mpox, particularly the clade I, we conduct regular monitoring of the global and ASEAN regional **situation reports**, which can be accessed [\[here\]](#).

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.

Number of Disease signals detected in epi-week 35-36, 2024



Number of detected signals in epi-week 35-36 by country, for August 24 - September 6, 2024 Infectious disease signals

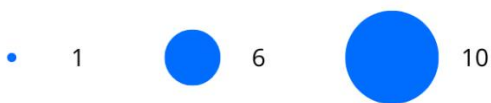


Figure 1. Disease signals detected in epi-week 35-36, 2024

Over the past two weeks, a total of 26 infectious disease signals were detected in the region. A total of 10 signals were detected in the Philippines, followed by Indonesia and Viet Nam (6 signals each), and Lao PDR (1 signal). No infectious disease signals were detected in Brunei Darussalam, Cambodia, Malaysia, Myanmar, Singapore, and Thailand.

Of the 23 infectious disease signals detected, the majority were vector-borne (61%), followed by emerging diseases, vaccine-preventable diseases and zoonoses (13.0% each) (Table 1).

Table 1. Infectious disease Signals detected between August 24 – September 6, 2024

Disease category	Disease	Country (Signal detected)	No of signal
Emerging Disease (3)	Mpox	Philippines (3)	3
Vaccine-preventable disease (3)	Measles	Viet Nam (2)	2
	Pertussis	Philippines (1)	1
Vector-borne disease (14)	Dengue	Indonesia (5), Lao PDR (1), Philippines (4), Viet Nam (2)	12
	Leptospirosis	Philippines (1)	1
	Melioidosis	Viet Nam (1)	1
Zoonosis (3)	African swine fever	Philippines (1)	1
	Rabies	Indonesia (1)	1
	Swine flu	Viet Nam (1)	1

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