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**ASEAN  
BIODIASPORA  
VIRTUAL CENTER**

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# Bi-Weekly Epidemic Intelligence Report

Epi-week 39-40, 2024

With Support by:



Korea Disease Control and  
Prevention Agency



In partnership with  
**Canada**



**Kemenkes**



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](mailto:support@biodiaspora.org)

## Editorial

### CONSULTANTS

#### ASEAN SECRETARIAT

Assistant Director and Head of Health Division  
Human Development Directorate

**Ferdinal M. Fernando, MD, MDM**

Programme Coordinator for Mitigation for Biological  
Threats (MBT) Phase 3

**Michael Glen, MSc**

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### PUBLISHER

ASEAN Biodiaspora Virtual Center  
2/F Ministry of Health, Jl. H.R. Rasuna Said, Blok X5, Kav. 4-9,  
Jakarta Selatan, Jakarta, Indonesia

**E-mail:** [support@biodiaspora.org](mailto:support@biodiaspora.org)

**Facebook:** <https://facebook.com/ASEANBiodiaspora>

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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

(September 7 – 20, 2024)

This bi-weekly report provides an overview of the signals and potential threats detected and identified by the ASEAN Biodiaspora Virtual Center between September 21 – October 4, 2024.

20

Disease  
Signals

0

Potential  
Threats

### Executive Summary

**Disease Signals** Over the past two weeks, the ABVC has detected 20 infectious disease signals in the ASEAN region. Dengue accounted for 15 signals, followed by rabies (2 signals), leptospirosis, malaria, and measles (1 signal each).

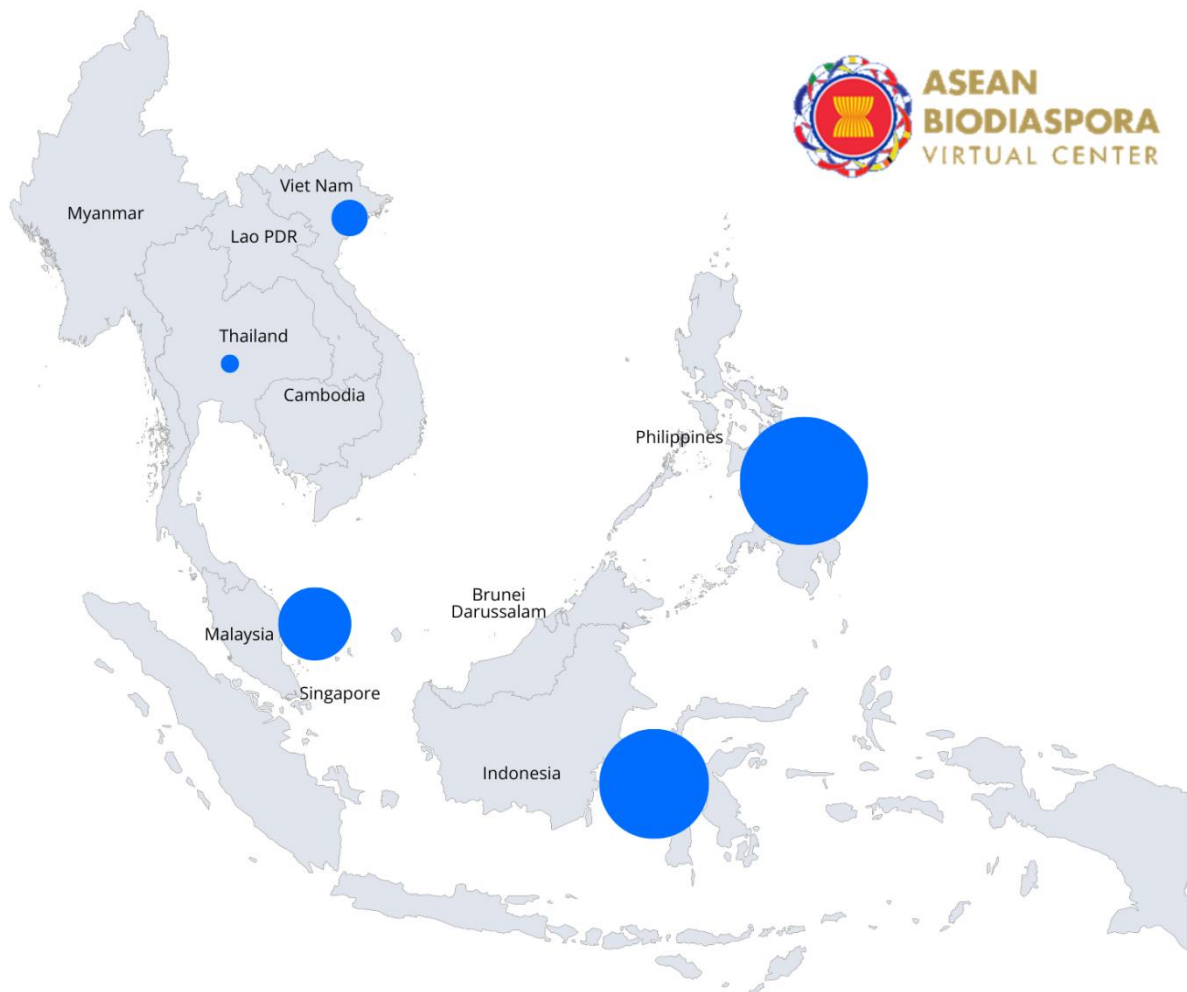
**Potential Threats** There have been no disease signals posing a potential threat to the ASEAN region in the past two weeks.

**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 39 - 40, 2024



### Number of detected signals in epi-week 39 - 40

*by country, for September 21 - October 4, 2024*

### Infectious disease signals

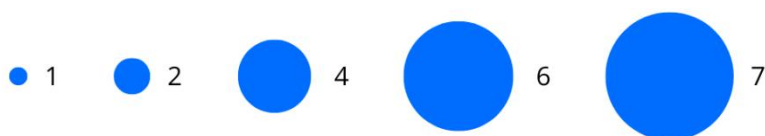


Figure 1. Disease signals detected in epi-week 39-40, 2024

Over the past two weeks, a total of 20 infectious disease signals were detected in the region. A total of 7 signals were detected in the Philippines, followed by Indonesia (6 signals), Malaysia (4 signals), Viet Nam (2 signals), and Thailand (1 signal). No infectious disease signals were detected in Brunei Darussalam, Cambodia, Lao PDR, Myanmar, and Singapore.

Of the 20 infectious disease signals detected, the majority were vector-borne (85%), followed by zoonosis (10%), and vaccine-preventable disease (5%) (Table 1).

Table 1. Infectious disease Signals detected between September 21 – October 4, 2024

| Disease category                       | Disease       | Country (Signal detected)  | No of signal |
|--|---------------|--|--------------|
| <b>Vaccine-preventable disease (1)</b> | Measles       | Viet Nam (1)   | 1            |
| <b>Vector-borne disease (17)</b>       | Dengue        | Indonesia (5), Malaysia (3),<br>Philippines (5), Thailand (1),<br>Viet Nam (1) | 15           |
|  | Leptospirosis | Philippines (1)  | 1            |
|  | Malaria       | Indonesia (1)  | 1            |
| <b>Zoonosis (2)</b>                    | Rabies        | Malaysia (1), Philippines (1)  | 2            |

## References

- Aminudin, M. (2024) *Dengue Fever in Malang City Increases, There Are 600 Cases in 2024*, Ketik.co.id. Available at: <https://ketik.co.id/berita/demam-berdarah-di-kota-malang-meningkat-ada-600-kasus-di-2024> (Accessed: 02 October 2024).
- Bacalso, P.L. and Bonjoc, G.C. (2024) *Kaso sa dengue sa Siyudad Mitala na Og 764*, Philstar.com. Available at: <https://www.philstar.com/banat/balita/2024/09/26/2388117/kaso-sa-dengue-sa-siyudad-mitala-na-og-764> (Accessed: 27 September 2024).
- Bernama (2024) *Pahang Records 1,409 dengue cases, five fatalities as of Sept 28*, BERNAMA. Available at: <https://www.bernama.com/en/region/news.php?id=2347500> (Accessed: 04 October 2024).
- Castor, R.Z. (2024) *Western Visayas logs 19 leptospirosis deaths*, The Manila Times. Available at: <https://www.manilatimes.net/2024/09/23/regions/western-visayas-logs-19-leptospirosis-deaths/1973389> (Accessed: 23 September 2024).
- Cepos, J. (2024) *Kasus Malaria Masih Tinggi di Distrik Yapsi, Namblong Dan Sentani Barat*, Cenderawasih Pos. Available at: <https://cenderawasihpos.jawapos.com/lintas-papua/sentani/02/10/2024/kasus-malaria-masih-tinggi-di-distrik-yapsi-namblong-dan-sentani-barat/> (Accessed: 04 October 2024).
- Daijiworld (2024) *Rabies cases in Philippines up 23 per cent this year*, Rabies cases in Philippines up 23 per cent this year, Daijiworld.com. Available at: <https://www.daijiworld.com/news/newsDisplay?newsID=1230767> (Accessed: 30 September 2024).
- Gomez, C.P. (2024) *NEGOCC dengue deaths increase to 13 - pho*, Digicast Negros. Available at: <https://digicastnegros.com/negocc-dengue-deaths-increase-to-13-pho/> (Accessed: 04 October 2024).
- Harahap, R.E. (2024) *Hingga Agustus 2024, Kasus DBD Sumut Sebanyak 5.853*, HARIAN MISTAR. Available at: <https://mistar.id/edukasi/kesehatan/hingga-agustus-2024-kasus-dbd-sumut-sebanyak-5-853/> (Accessed: 25 September 2024).
- Hent (2024) *Apayao reports dengue cases surge by 175 percent*, HERALD EXPRESS | News in Cordillera and Northern Luzon. Available at: <https://baguioheraldexpressonline.com/apayao-reports-dengue-cases-surge-by-175-percent/> (Accessed: 23 September 2024).
- Journal, E.S. (2024) *Moh: Dengue cases fall in Epidemiological Week 37, no deaths recorded*, Selangor Journal. Available at: <https://selangorjournal.my/2024/09/moh-dengue-cases-fall-in-epidemiological-week-37-no-deaths-recorded/> (Accessed: 23 September 2024).
- Kurniawan, R. (2024) *Ada 6 Kasus Kematian Akibat Dbd di Cimahi, Dinkes Dorong Warga tingkatkan kewaspadaan di Musim Hujan*, Tribunjabar.id. Available at: <https://jabar.tribunnews.com/2024/10/03/ada-6-kasus-kematian-akibat-dbd-di-cimahi-dinkes-dorong-warga-tingkatkan-kewaspadaan-di-musim-hujan> (Accessed: 04 October 2024).
- Linh, G. (2024) *HCMC largely completes mass measles vaccination campaign*, SGGP English Edition. Available at: <https://en.sggp.org.vn/hcmc-largely-completes-mass-measles-vaccination-campaign-post112851.html> (Accessed: 02 October 2024).
- Nordin, R. (2024) *Dengue cases surge by 45.6% in Johor during ME38 compared to same period last year*, The Star. Available at: <https://www.thestar.com.my/news/nation/2024/09/23/dengue-cases-surge-by-456-in-johor-during-me38-compared-to-same-period-last-year> (Accessed: 25 September 2024).
- Nurwanto, I. (2024) *Waspada! Dinkes Kota Jogja Catat Ada 227 Kasus Demam Berdarah Dengue DBD di Periode Januari-September 2024* - Radar Jogja. Available at: <https://radarjogja.jawapos.com/jogja/655131564/waspada-dinkes-kota-jogja-catat-ada-227-kasus-demam-berdarah-denguedbd-di-periode-januari-september-2024> (Accessed: 27 September 2024).
- Prasetyo, D.A. (2024) *Idai sebut Angka Kematian ri akibat DBD Tertinggi Se-ASEAN, Ini Penyebabnya*, detikHealth. Available at: <https://health.detik.com/berita-detikhealth/d-7550050/idai-sebut-angka-kematian-ri-akibat-dbd-tertinggi-se-asean-ini-penyebabnya> (Accessed: 23 September 2024).
- Seblos, J.P.R. (2024) *Raymond: No need to declare dengue emergency in City*, SunStar Publishing Inc. Available at: <https://www.sunstar.com.ph/cebu/raymond-no-need-to-declare-dengue-emergency-in-city> (Accessed: 02 October 2024).
- Tantivangphaisal, P. (2024) *Phuket health officials warn of dengue crisis after floods*, Thaiger. Available at: <https://thethaiger.com/news/national/phuket-health-officials-warn-of-dengue-crisis-after-floods> (Accessed: 23 September 2024).
- Theo, Mai, N. and Gia (2024) *HÀ Nội vào Cao điểm sốt xuất huyết, Cần Chú ý Những dấu hiệu sớm của bệnh để không gặp biến chứng nặng*, Tin tức 24h. Available at: <https://www.24h.com.vn/suc-khoe-doi-song/ha-noi-vao-cao-diem-sot-xuat-huyet-can-chu-y-nhung-dau-hieu-som-cua-benh-de-khong-gap-bien-chung-nang-c62a1605191.html> (Accessed: 25 September 2024).
- Umpang, M. (2024) *Premier: Swak averaging 360 animal bite cases weekly, over 55 pct caused by cats*, Borneo Post Online. Available at: <https://www.theborneopost.com/2024/09/30/premier-swak-averaging-360-animal-bite-cases-weekly-over-55-pct-caused-by-cats/> (Accessed: 04 October 2024).