World Organisation for Animal Health

Ministry of Agriculture
Republic of Indonesia

In partnership with Canada

Strengthening Regional Surveillance and Information Sharing for Biological Threat Reduction

Abdurrahman
Management Head
ASEAN Biological Threats Surveillance Centre (ABVC)

Workshop on Biothreat Reduction in South-East Asia, June 2 - 3, 2026

ASEAN BIOLOGICAL THREATS SURVEILLANCE CENTRE (ABVC)

Monitoring Today.
Protecting Tomorrow.



OUR ROLE

ABVC is a centre for **monitoring and detection** of Biological Threats and pandemics potential in the ASEAN Region based on mandate from ASEAN SOMHD and working under direction of ASEAN Health Cluster 2 (Mitigation Biological Threats Programme)

OUR PARTNERS

In its operation, ABVC is **supported** by Canada Government (Global Affairs Canada) and Republic of Korea (Korea Disease Control and Prevention Agency)

ABVC VISION And MISSION

VISION

ABVC is the regional hub for Pandemic and Endemic Intelligence to advance regional biological threats surveillance for strengthening ASEAN's Health Security with the capacity to detect biological threats using public health intelligence, big data analytics, digital innovation, and multi-sectoral collaboration, until its function are integrated into ACPHEED DRA one operationalized.

Mission 01

Strengthening biological threats surveillance to enhance preparedness and response for health security in the ASEAN Region.

Mission 02

Advancing the information system and promoting digital information for pandemic and endemic intelligence in the ASEAN region.

Mission 03

Strengthening multi-sectoral collaboration to support and advance multi-source data analysis.

Mission 04

Supporting regional capacity on pandemic and endemic intelligence to facilitate evidence-based decision making.

With Support by:

Korea Disease Control and Prevention Agency | In partnership with Canada | Kemenkes | ASSOCIATION OF SOUTHEAST ASIAN NATIONS

ABVC REPORTS

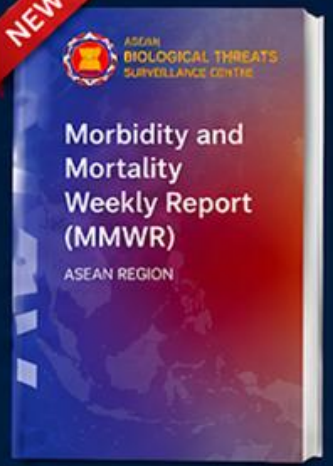
Timely insights. Stronger preparedness. Healthier ASEAN.



MEDIA MONITORING

Comprehensive monitoring of public health events and emerging diseases reported in various media sources worldwide.

NEW



MMWR

Weekly updates on morbidity and mortality trends of infectious and emerging diseases in the ASEAN Region.



SITUATION REPORT

Timely updates on significant public health events and emerging threats requiring immediate attention.

NEW



FOCUS REPORT

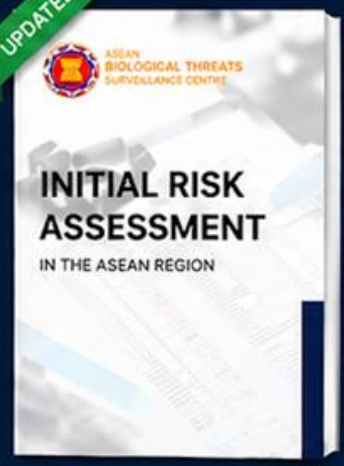
In-depth analysis of selected diseases and health issues of concern to strengthen preparedness and response.



DISEASE ALERT

Early warnings and risk alerts on potential threats to support rapid preparedness and response.

UPDATED



IRA (INITIAL RISK ASSESSMENT)

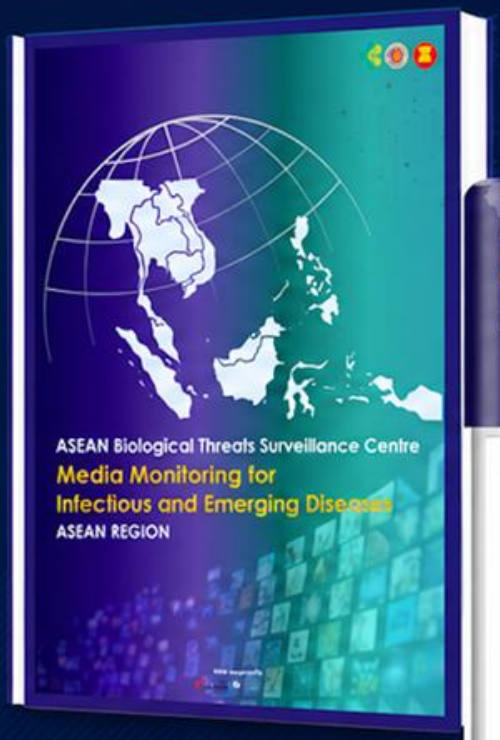
Risk assessment of events to guide decision-making and public health actions.

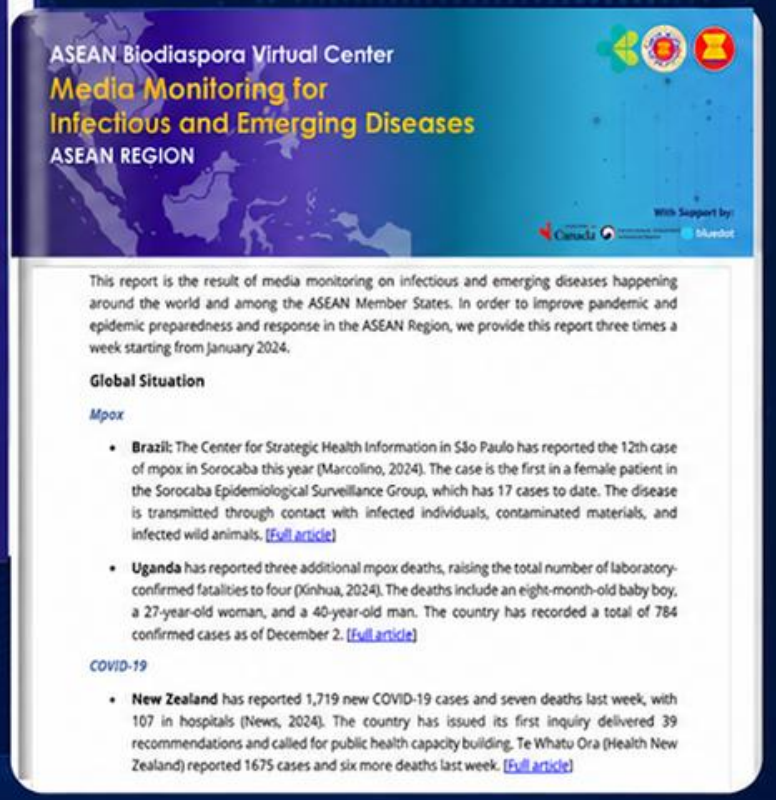
ACCESS ALL ABVC REPORTS HERE!

https://asean-phe.org/asean/data-publications/abvc

MEDIA MONITORING REPORT

Monitoring Today, Safeguarding Tomorrow




ASEAN Biodiaspora Virtual Center

Media Monitoring for Infectious and Emerging Diseases

ASEAN REGION

With Support by:

This report is the result of media monitoring on infectious and emerging diseases happening around the world and among the ASEAN Member States. In order to improve pandemic and epidemic preparedness and response in the ASEAN Region, we provide this report three times a week starting from January 2024.

Global Situation

Mpox

- **Brazil:** The Center for Strategic Health Information in São Paulo has reported the 12th case of mpox in Sorocaba this year (Marcolino, 2024). The case is the first in a female patient in the Sorocaba Epidemiological Surveillance Group, which has 17 cases to date. The disease is transmitted through contact with infected individuals, contaminated materials, and infected wild animals. [Full article]
- **Uganda** has reported three additional mpox deaths, raising the total number of laboratory-confirmed fatalities to four (Xinhua, 2024). The deaths include an eight-month-old baby boy, a 27-year-old woman, and a 40-year-old man. The country has recorded a total of 784 confirmed cases as of December 2. [Full article]

COVID-19

- **New Zealand** has reported 1,719 new COVID-19 cases and seven deaths last week, with 107 in hospitals (News, 2024). The country has issued its first inquiry delivered 39 recommendations and called for public health capacity building. Te Whatu Ora (Health New Zealand) reported 1675 cases and six more deaths last week. [Full article]

GLOBAL & ASEAN COVERAGE

Up-to-date information on Public Health Events worldwide and across the ASEAN Region.

THREE TIMES A WEEK

Published every Monday, Wednesday, and Friday to keep you informed consistently.

EVIDENCE-BASED INSIGHTS

Media monitoring results that support early warning and informed decision-making.

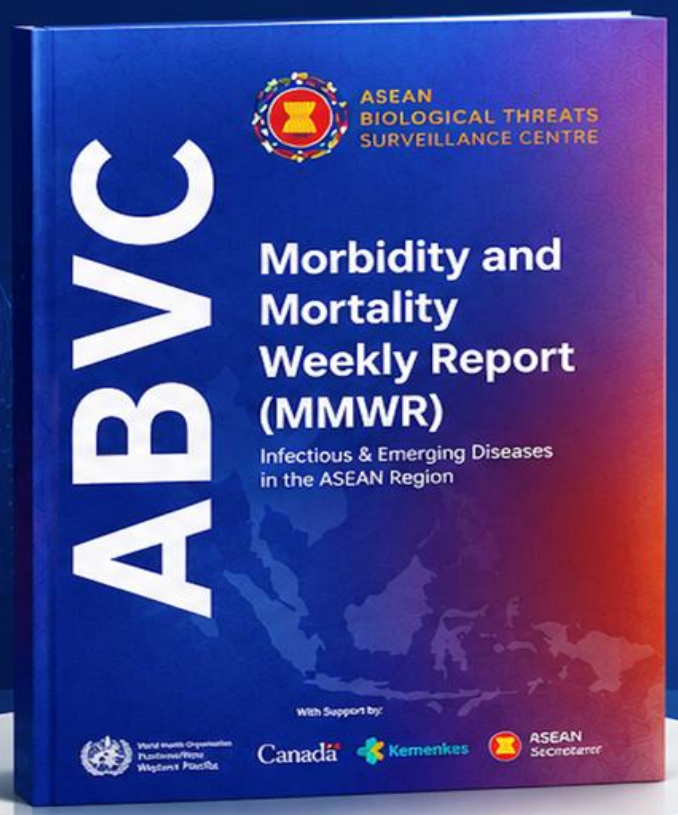
ACCESS OUR REPORT HERE!

https://asean-phe.org/asean/data-publications/abvc

ABVC

Morbidity and Mortality Weekly Report (MMWR)

Timely Intelligence. Informed Action. Healthier ASEAN.



Weekly report on infectious and emerging disease situations in the ASEAN Region and globally.

Developed based on indicator surveillance data and public health monitoring.

Published every Wednesday.

Access our report here:
https://asean-phe.org/asean/data-publications/abvc

TIMELY
Get the latest updates on disease trends and health events.

ACCURATE
Based on verified data from trusted sources.

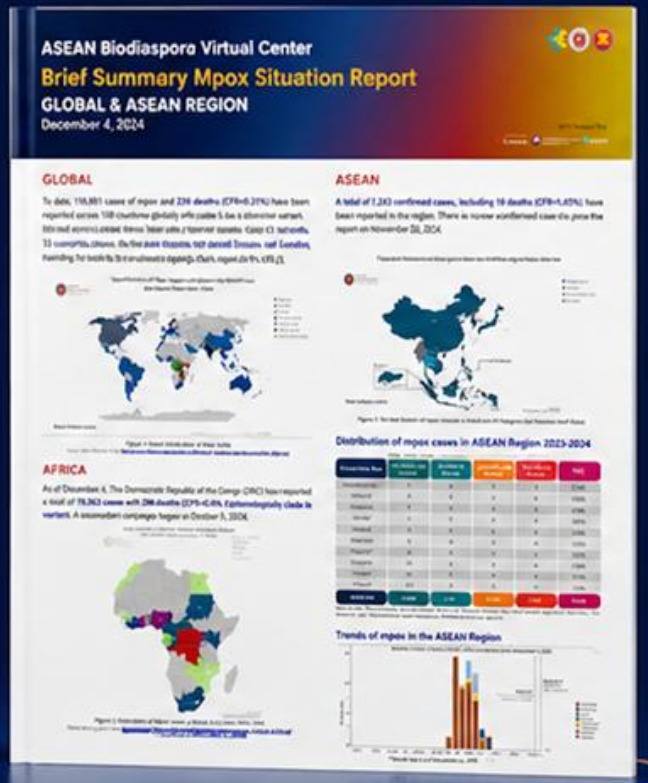
RELEVANT
Focus on what matters for regional health security.

ACTIONABLE
Inform decision-making and preparedness across sectors.

COLLABORATIVE
Strengthen regional partnerships for a healthier ASEAN.

SITUATION REPORTS



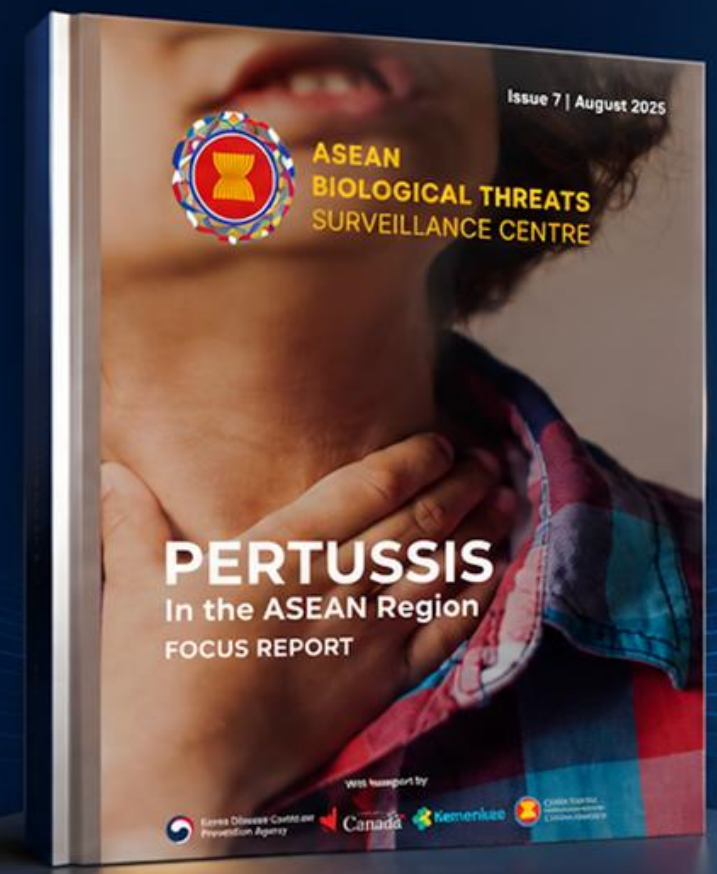


Situation report is a special report for certain diseases that become **public health emergency of international concern.** Published every week.

We have discontinued the publication of the Mpox sitrep, as WHO has declared that the **Mpox PHEIC status has ended on September 5, 2025.**

Access our report here:
https://asean-phe.org/asean/data-publications/abvc

DISEASE FOCUS REPORTS



The Focus Report provides in-depth analysis of selected diseases and public health issues of concern in the ASEAN Region.

Published every two months.

Timely Intelligence

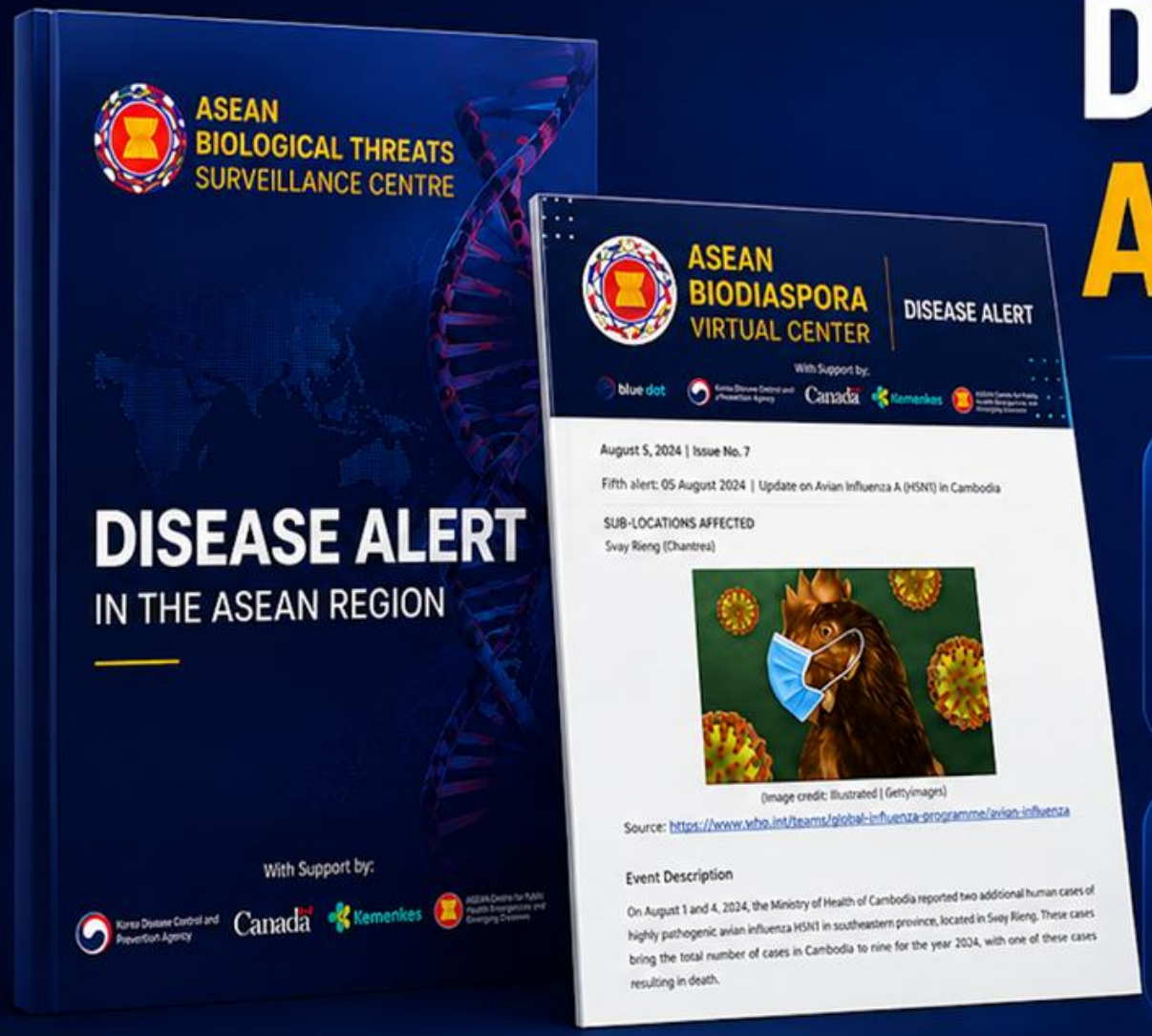
Evidence-based Analysis

Regional Collaboration

Stronger Health Security

Access our report here:
https://asean-phe.org/asean/data-publications/abvc

DISEASE ALERT REPORTS



Disease alert report is about warning of **potential disease outbreaks or pandemics** in the ASEAN region or globally.

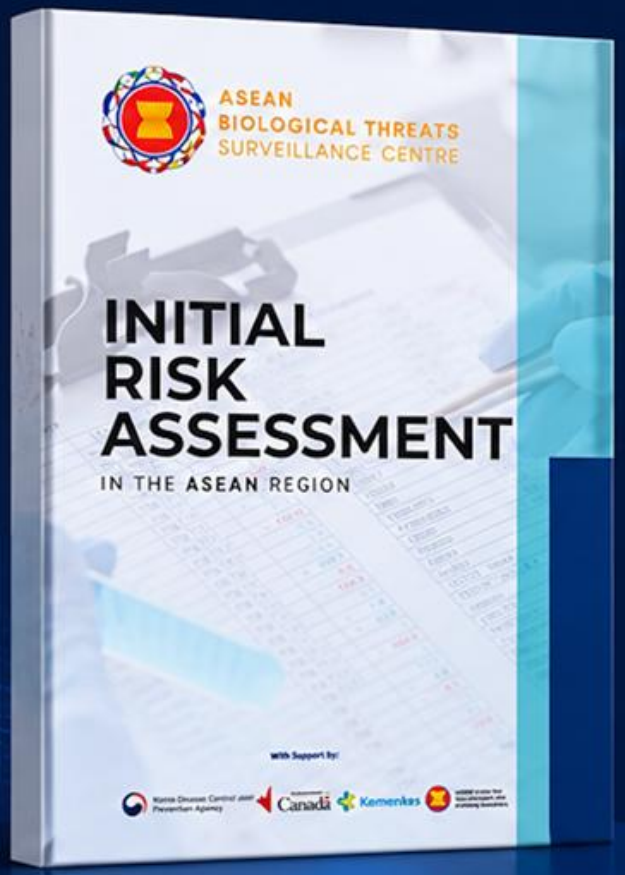
Timely information for **better preparedness and response.**

Better preparedness and protection for the ASEAN region.

Access our report here:
https://asean-phe.org/asean/data-publications/abvc

INITIAL RISK ASSESSMENT REPORTS

IN THE ASEAN REGION



To assess how likely the risk of spreading a disease from one country to another is based on the **available information**, **scientific evidence**, and current situation.

THIS REPORT SUPPORTS:

- **Early identification** of potential public health risks
- Evidence-based risk **evaluation** and analysis
- Informed decision-making and timely response
- Strengthened regional collaboration and coordination
- Better preparedness and **protection** for the ASEAN region

ACCESS OUR REPORT HERE!
https://asean-phe.org/asean/data-publications/abvc

Priority Diseases Monitored by ABVC

29 priority diseases monitored across the ASEAN Region.

1. Dengue
2. Malaria
3. Poliomyelitis
4. Zika
5. Leptospirosis
6. Melioidosis
7. Mpox
8. Pertussis
9. Diphtheria
10. Tuberculosis
11. Measles
12. Rabies
13. Anthrax
14. HIV
15. Lymphatic Filariasis
16. Avian Influenza
17. West Nile
18. COVID-19
19. Nipah
20. MERS-CoV
21. Marburg Virus Disease
22. Lassa Fever
23. HFMD
24. Typhoid
25. CCHF
26. Rift Valley Fever
27. Ebola
28. Henipaviral disease
29. Hantavirus

ABVC strengthens regional early warning, rapid detection, and coordinated response to protect public health and build a safer ASEAN.

Learn more about ABVC reports:
https://asean-phe.org/asean/data-publications/abvc

Priority Countries Monitored by ABVC

60 priority countries with direct connectivity to the ASEAN Region.

60 Priority Countries

Direct Flight to ASEAN

Stronger Surveillance for a Safer ASEAN

- Australia
- China
- Hong Kong
- Saudi Arabia
- South Korea
- Taiwan
- United Arab Emirates
- United Kingdom
- Japan
- Macao
- Qatar
- Ethiopia
- India
- Netherlands
- New Zealand
- Oman
- Pakistan
- Russia
- Sri Lanka
- Timor Leste
- Turkey
- Bangladesh
- Germany
- Iran
- Iraq
- Jordan
- Kazakhstan
- Maldives
- Mauritius
- Nepal
- United States
- Uzbekistan
- Bahrain
- Canada
- Guam
- Kuwait
- Palau
- Papua New Guinea
- Bhutan
- Denmark
- Fiji
- Finland
- France
- Greece
- Italy
- Poland
- South Africa
- Spain
- Sweden
- Switzerland
- Austria
- Belgium
- Egypt
- Israel
- Kenya
- Mongolia
- Norway
- Reunion
- Turkmenistan
- Ukraine

ABVC strengthens regional early warning, rapid detection, and coordinated response to protect public health.

Learn more about ABVC reports:
https://asean-phe.org/asean/data-publications/abvc

Data Sources & Dissemination

Reliable Data. Timely Information. Stronger Public Health.

DATA SOURCES

Official data sources
(MoH websites and documents)

US CDC

WHO
(Reports & Global Health Observatory, DON)

EIOS
Epidemic Intelligence from Open Source

European CDC Reports

Global Public Health Intelligence Network

WAHIS
(World Animal Health Information System)

Bluedot platform
(AI-based information gathering platform)

Others
(Our World in Data, google flue trend, google alert, etc.)

DISSEMINATION

Web portal
https://asean-phe.org

- ASEAN EOC Network Focal Points
- ASEAN Cluster 2 coordinators
- ASEAN SOMHD focal points

Mailing List

- More than 200 recipients from national government, including :
  - WHO
  - CDC in ASEAN+3 regions
  - Other partners

Facebook

Instagram

Integrating multiple trusted data sources to deliver accurate information and support timely decision-making.

One Network. One Data. One Response.

ABVC Dashboard

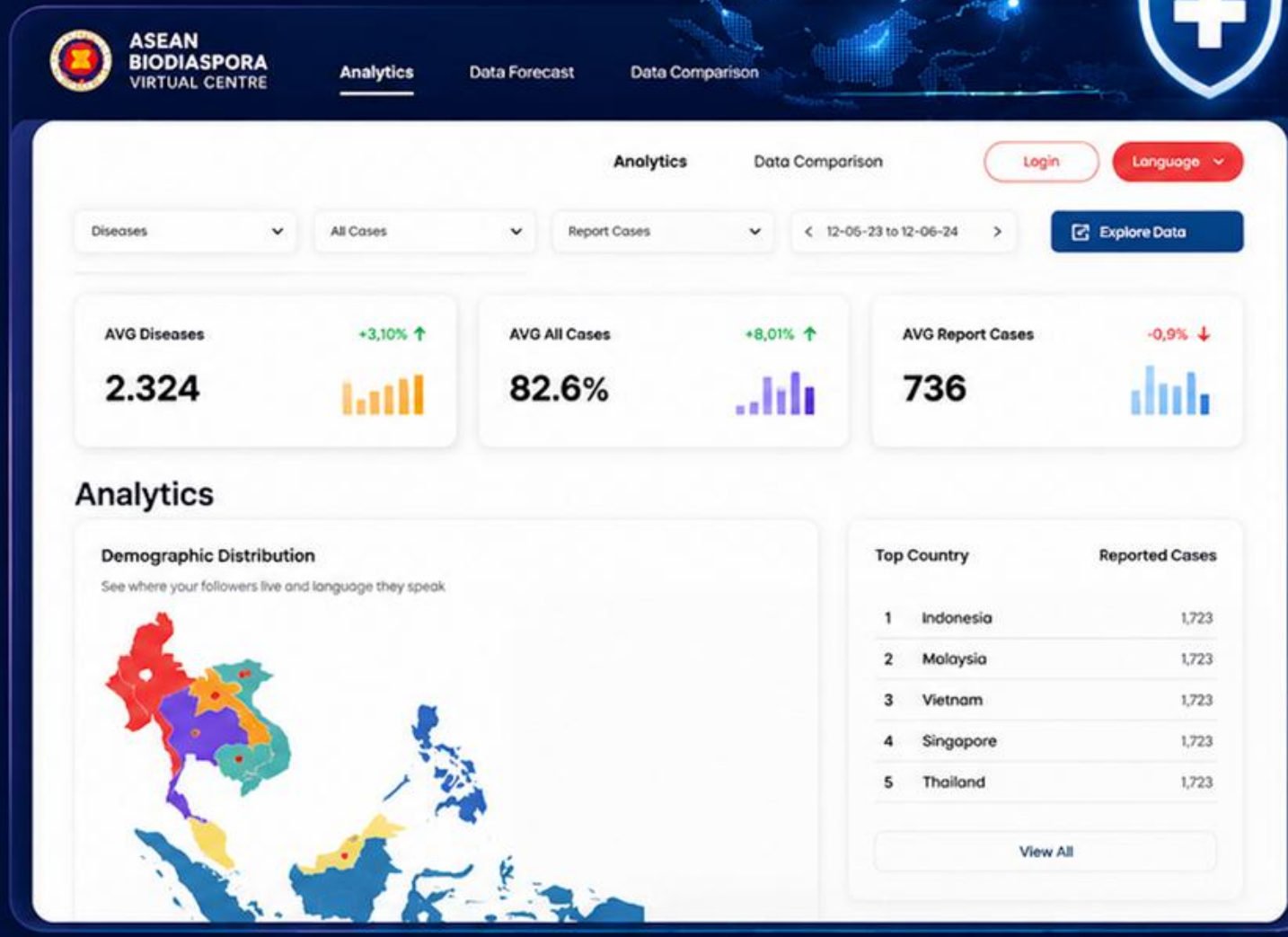
Real-time Insights. Stronger Decisions. Healthier Region.

LAUNCHED!

ABVC Dashboard was launched in November 2024

during the ASEAN MBT meeting in Vientiane, Lao PDR





Your gateway to timely data, analysis, and collaborative action for a safer ASEAN.

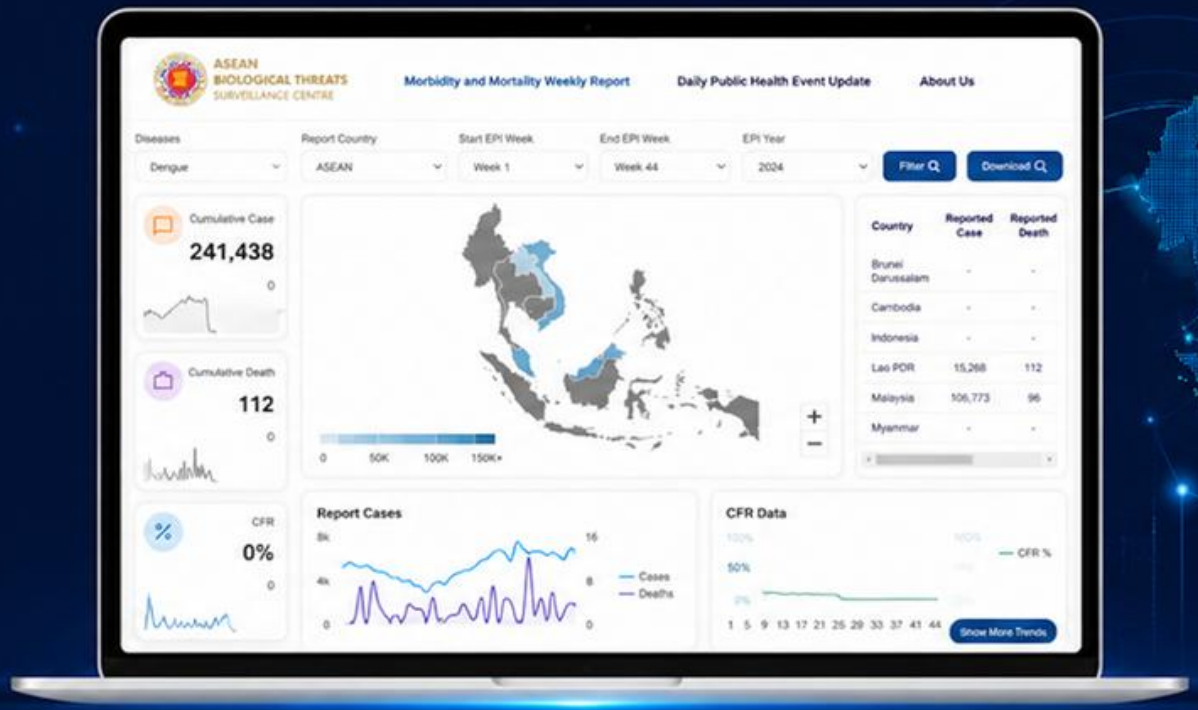
Access :

abvc.asean-phe.org

asean-phe.org

Features of ABVC Dashboard

Your gateway to timely data, advanced analytics, and actionable public health intelligence.



NAVIGATION MENU

ASEAN BIOLOGICAL THREATS SURVEILLANCE CENTRE | Morbidity and Mortality Weekly Report | Daily Public Health Event Update | About Us

Morbidity and Mortality Weekly Report

Access weekly morbidity and mortality surveillance data across the ASEAN region.

Daily Public Health Event Update

Monitor daily public health events and emerging disease updates.

About Us

Explore information and background about ABVC and its activities.

Empowering stronger decisions with trusted data and real-time insights for a healthier ASEAN.

ABVC Dashboard Utilization

Real-time insights. Global reach. Stronger surveillance.

GLOBAL USER DISTRIBUTION



ACCESSED BY

60

Countries

9,600+

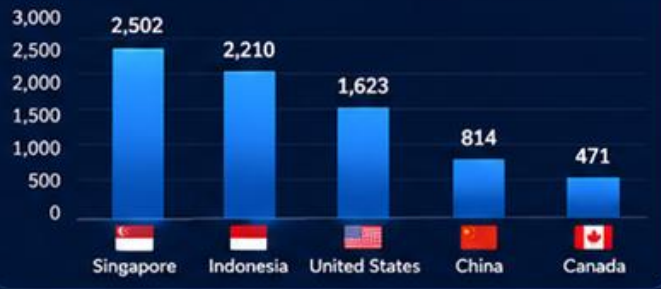
Active Users

Jan 1, 2025 – May 3, 2026

No.	Country	Total Users
1	Singapore	2,502
2	Indonesia	2,210
3	United States	1,623
4	China	814
5	Canada	471
6	United Kingdom	393
7	Ireland	185
8	Thailand	184
9	Netherlands	163
10	Philippines	158
11	Japan	135
12	Viet Nam	115
13	Malaysia	107
14	South Korea	91
15	(not set)	66
16	Australia	54
17	Germany	46
18	Poland	44
19	Brunei Darussalam	33
20	Sweden	29
21	Spain	28
22	France	27
23	Cambodia	23
24	India	21
25	Myanmar	17
26	Lao PDR	16
27	Austria	15
28	Timor Leste	11
29	Finland	10
30	Russia	8
	TOTAL	9,678

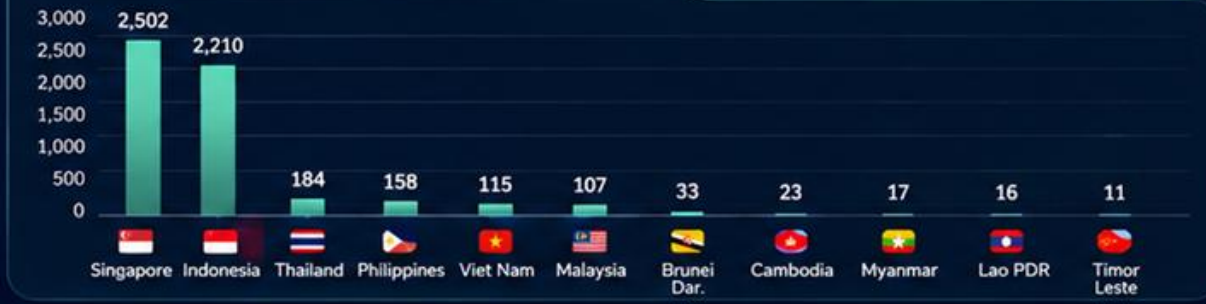
GLOBAL USER TRENDS: TOP 5 COUNTRIES

(January 1, 2025 – May 3, 2026)



ASEAN USER TRENDS

(January 1, 2025 – May 3, 2026)



Global reach
Connecting public health partners worldwide.

Real-time insights
Monitor trends and events across the globe.

Stronger surveillance
Data-driven decisions for a safer and healthier region.

Access the ABVC Dashboard

abvc.asean-phe.org

ABVC REPORT DISSEMINATION

Timely information. Wider reach. Stronger collaboration.

ABVC Mailing List



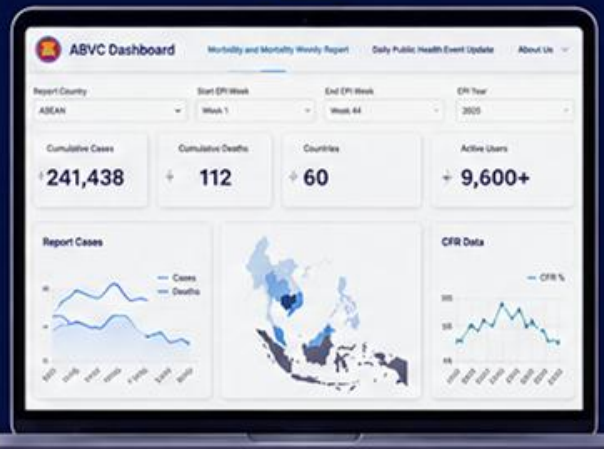
Direct dissemination to stakeholders and partners.

ASEAN EOC Network



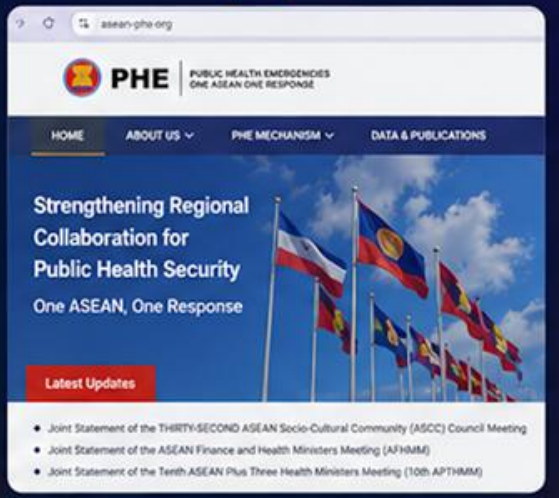
ASEAN EOC Network
ASEAN Health Cluster 2 Coordinators
SOMHD Focal Points

ABVC Dashboard



Real-time dashboard access and monitoring.

ASEAN PHE Portal



Public access through ASEAN PHE Portal.

Access ABVC reports here:
https://asean-phe.org/asean/data-publications/abvc

Timely
Access critical data when it matters most.

Wider Reach
Connecting more partners across the region.

Stronger Impact
Better insights for better decisions and responses.

ZOONOTIC DISEASE ALERT

ASEAN BIOLOGICAL THREATS SURVEILLANCE CENTRE — DISEASE ALERT

With Support by: Canada, Kemenkes

May 7, 2025 | Issue No. 30

First alert: May 2, 2025

Third alert: May 7, 2025 | Update on Anthrax in Thailand

Sub-Locations Affected

Mukdahan Province (Don Tan District), Thailand

Event Description

As of May 6, 2025, the Mukdahan Provincial Public Health Office (PPHO) has officially confirmed four cases of anthrax, subsequent to the Department of Disease Control's (DDC) announcement on May 1, 2025, regarding the first confirmed case, which resulted in death.



Map of location affected

ASEAN BIOLOGICAL THREATS SURVEILLANCE CENTRE — DISEASE ALERT

With Support by: Canada, Kemenkes

May 6, 2026 | Issue No. 12

First alert: May 6, 2026 | Hantavirus cluster linked to cruise ship travel, Multi-country

Sub-Locations Affected

Multi-country: Atlantic Ocean (Cruise ship), South Africa, Saint Helena, Cape Verde.

Event Description

On May 2, 2026, the World Health Organization (WHO) was notified of a cluster of severe respiratory illnesses among passengers on a cruise ship carrying 147 individuals. As of May 4, seven cases have been identified, including three deaths. The ship, which departed Ushuaia, coast of Cape Verde while international health teams conduct investigations and medical evaluations.



Figure 1. Route of the cruise ship across the South Atlantic in relation to the hantavirus cluster

ASEAN BIOLOGICAL THREATS SURVEILLANCE CENTRE — DISEASE ALERT

February 8, 2026 | Issue No. 5

First alert : February 8, 2026 | Nipah Virus (NiV) Infection in Bangladesh

Sub-Locations Affected

Rajshahi Division, Naogaon District

Event Description

On February 7, 2026, the World Health Organization (WHO) published a Disease Outbreak News (DON) reporting a laboratory-confirmed Nipah virus (NiV) infection in Bangladesh. The case was notified to WHO on February 3, 2026 by the International Health Regulations (IHR) National Focal Point of Bangladesh and was classified as regular. No significant events have been identified as the main reason history or raw data, leading continues in report sporadic ae raw data, leading which typically occurt between December and April, coinciding with the harvesting and consumption of date palm sap.



Figure 1. Map of location affected as of January 3, 2026

Source: IEDCR Health Info Surveillance System

ASEAN BIOLOGICAL THREATS SURVEILLANCE CENTRE — DISEASE ALERT

March 16, 2026 | Issue No. 7

First alert : February 16, 2026

Second alert : March 16, 2026 | Avian Influenza A(H5N1) in Cambodia

Sub-Locations Affected

Banteay Meanchey (Preah Net Preah District)

Event Description

On March 14, 2026, the National Institute of Public Health confirmed a human case of avian influenza A(H5N1) in a 45-year-old woman from Banteay Meanchey Province. This marks the second human H5N1 case reported in Cambodia for 2026. Following the confirmation, the Ministry of Health released an official statement urging health providers, isolating and other commencement of local emergency response measures.



Figure 1. Human case of Avion Influenza A(H5N1) in 2026 as of March 14

World Organisation for Animal Health | WAHIS

ANALYTICS

Dashboards enable users to consult, visualize and extract officially validated animal health information.

- Disease situation
- Quantitative data
- Surveillance and control measures
- Animal population

WAHIS is the global animal health reference database of the World Organisation for Animal Health (WOAH). WAHIS data information since 2005 reported by the Veterinary Services from Member and non-Member Countries and Territories on Listed diseases in domestic animals and wildlife, as well as on emerging diseases and zoonoses.

WAHIS includes interactive mapping tools and dashboards to support data consultation, visualization and extraction of animal health data.

World Organisation for Animal Health | WAHIS

To receive animal disease alerts, subscribe to the distribution list.

What is Web-based Information System? Consult WAHIS Records.

WAHIS: World Animal Health Information System

WAHIS is the global animal health reference database of the World Organisation for Animal Health (WOAH). WAHIS data information since 2005 reported by the Veterinary Services from Member and non-Member Countries and Territories on Listed diseases in domestic animals and wildlife, as well as on emerging diseases and zoonoses.

WAHIS includes interactive mapping tools and dashboards to support data consultation, visualization and extraction of officially validated animal health data.



Latest animal disease events



Country/Territory	Disease – genotype/serotype/strain	Date
Vietnam	Highly pathogenic avian influenza (H5N1) in domestic poultry (ongoing event)	26/05/2025
Japan	Infection with avian influenza virus (high pathogenicity) (H5N1) in poultry	25/05/2025
Korea (Rep. of)	Susceptible infection (H5N1)	24/05/2025
Chile	Rabies (not otherwise specified)	23/05/2025
Israel	African swine fever (wild boar)	22/05/2025
Malaysia	Newcastle disease (poultry)	21/05/2025
Philippines	Rabies (other terrestrial animals)	20/05/2025
Türkiye	Infection with anthrax	18/05/2025
Cambodia	Pathogenic avian influenza (H5N1) in poultry (ongoing event)	16/05/2025

* Events and data are pending official National Focal validation. Information can be updated by Veterinary Services.

Public Health Event at the Global

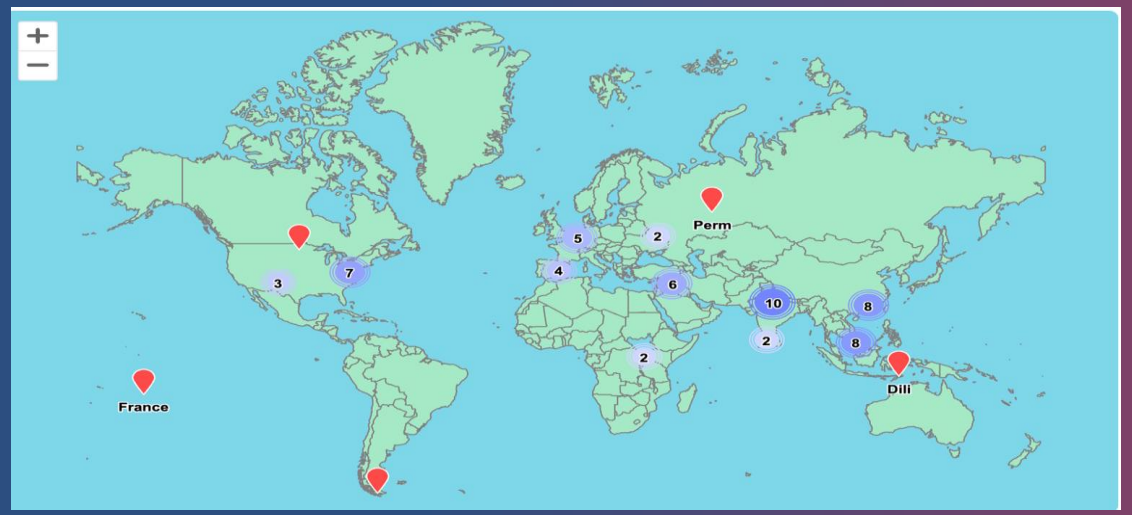
April to May 2026

April



- In April 2026, a total of **67 public health events** were identified across **17 countries and regions** in April 2026.
- Reported diseases included **Melioidosis, Pertussis, Hantavirus, Mpox, Measles, Rabies, Dengue, CCHF, Leptospirosis, West Nile Virus Infection, Avian Influenza A(H7N7), Malaria, Anthrax, HFMD, Zika, Diphtheria, and COVID-19**.
- Affected countries included **Viet Nam, United States, Russian Federation, Pakistan, China, Japan, Bangladesh, Turkey, Mauritius, India, Cambodia, Kenya, Canada, Greece, Philippines, Italy, and South Africa**, as well as the regions of **Hong Kong** and **Taiwan**.

May



- **In May 2026**, a total of **63 public health events** were reported globally.
- The reported diseases included Hantavirus, Ebola, Rabies, Dengue, Westnile virus, Avian Influenza, measles, pertussis, Polio, etc
- The events were reported across **25 countries and regions**, including United States, Viet Nam, Bangladesh, China, Argentina, India, Iraq, and Pakistan, including the region of Taiwan, Thailand, Malaysia, Indonesia, etc

Source: *https://abvc.asean-phe.org/daily-public-health-event-update*

Public Health Event at the ASEAN Region, May 2026

ASEAN BIOLOGICAL THREATS SURVEILLANCE CENTRE

Morbidity and Mortality Weekly Report | Daily Public Health Event Update | About Us

Region / Country: ASEAN

Start Date: 05/01/2026 - End Date: 05/28/2026

Filter



Country	Title	Date	Link Resource
Indonesia - Kabupaten Kupang	Rabies in Indonesia	2026-05-24	Click Here
Viet Nam - Ho Chi Minh City	Mpox in Viet Nam	2026-05-18	Click Here
Viet Nam - Ho Chi Minh City	COVID-19 in Viet Nam	2026-05-18	Click Here
Viet Nam	Rabies in Viet Nam	2026-05-13	Click Here
Viet Nam	Rabies in Viet Nam	2026-05-09	Click Here
Malaysia - Bintulu	Rabies in Malaysia	2026-05-07	Click Here
Thailand - Amphoe Mueang	Rabies in Thailand	2026-05-	Click Here

CHALLENGES

Strengthening regional biological threat surveillance and preparedness

01



ENHANCING ABVC MONITORING SYSTEMS AND ANALYTICAL CAPACITY

Increase the capacity of ABVC monitoring system and analysis to detect and assess biological threats more effectively.



02



IMPROVING DATA QUALITY, INFORMATION SHARING, AND REPORT UTILIZATION

Improve the quality of data and information and utilization of ABVC reports by AMS to enhance preparedness and response to public health emergencies.



03



STRENGTHENING COORDINATION WITH REGIONAL AND GLOBAL DATA CENTERS AND PARTNERS

Build connections with national, regional and global data centers, and strengthen coordination networks with AMS and external partners.



04



PROMOTING MULTISECTOR COOPERATION TO STRENGTHEN PUBLIC HEALTH INTELLIGENCE

Enhance multisectoral cooperation to improve data quality, support evidence-based decision-making, and strengthen analytical capacity across the region.



EARLY DETECTION SAVES LIVES

TIMELY INFORMATION BETTER RESPONSE

STRONGER COLLABORATION SAFER ASEAN

World Organisation for Animal Health

Ministry of Agriculture
Republic of Indonesia

In partnership with Canada

THANK YOU