

ASEAN Biodiaspora Virtual Center

Media Monitoring for Infectious and Emerging Diseases

GLOBAL & ASEAN REGION

10 – 11 October, 2024



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:** Londrina has confirmed two cases of mpox with total of 21 positive cases this year (Marconi, 2024). The data comes from the Ministry of Health's Sinan Notifiable Diseases Information System. [[Full article](#)]
- **Zambia's** health ministry reported the country's first case of mpox, a new clade 1b variant of the disease, causing concern amid a global health emergency declared by the World Health Organization (WHO) (Desk, 2024). The infection, linked to a Tanzanian national, has spread to neighboring African countries due to its ease of transmission via close contact. Authorities are conducting contact tracing and increasing risk communication efforts, with health officials remaining vigilant for additional cases. [[Full article](#)]

COVID-19

- The **United States (US):** Ohio has reported a sharp drop in new COVID-19 cases for the fourth consecutive week, dropping from 4,219 to 2,921 (Washington, 2024). The state has updated the number of people who have received the one-dose vaccine to reflect the new 2024-2025 updated vaccine, with at least 505,468 residents receiving the new vaccine, representing 4.3% of the state's population. The total case count in Ohio since early 2020 has reached 3,849,736. The state health department reported an additional 31 deaths from COVID-19, raising the total to 44,321. [[Full article](#)]

Dengue

- **Bangladesh:** Three people have died of dengue and 583 patients have been hospitalized in Bangladesh in the past 24 hours (Correspondent, 2024). The number of patients hospitalized has reached 40,405 this year, with 199 deaths. A total of 3,495 patients are currently undergoing treatment in hospitals across the country. [[Full article](#)]
- **India:** Dengue cases in Ghazipur are increasing due to lack of awareness and precautions (Newsrap, 2024). A total of 30 patients have been confirmed so far, with samples sent for testing. A dengue ward has been set up for better treatment, and 3,286 people have been tested with rapid kits. [[Full article](#)]



Pertussis

- The **United States (US)**: Clark County, Washington, has seen 288 cases of whooping cough this year, more than in the last six years combined (Neumann, 2024). The largest portion of those cases is among children aged 5 and younger. Despite children returning to school, the number of whooping cough cases decreased slightly from August to September. Clark County's immunization rates for pertussis are generally on track with the rest of Washington State, with more than 92% of 12th grade students vaccinated in 2023-2024. [[Full article](#)]

Regional Situation

Dengue

- **Indonesia**: Dengue Hemorrhagic Fever (DHF) cases in Cirebon District, West Java Province, reached 1,486 cases from January to September 2024, with six deaths (Sunaryo, A., 2024). This year's number was higher than the previous year, with only 728 cases and five deaths. [[Full article](#)]
- **Malaysia**: Dengue fever cases in the 39th epidemiological week in Parayanaya increased to 1,760, compared to 1,514 the previous week. Health Director General reported one death due to complications from dengue fever. The cumulative number of dengue cases up to the 39th epidemiological week was 103,510, down from 89,474 in 2023. Hotspot localities in the 39th epidemiological week were 32, with 21 in Selangor, five in Negeri Sembilan, three in Penang, two in Kuala Lumpur, Putrajaya, and one in Kelantan. [[Full article](#)]

Perak has recorded one additional death of dengue, bringing the number 13 (Ahmad, S., 2024). The latest case involved a 46-year-old man in Taman Wing Onn locality in Kinta district. The cumulative number of dengue cases in 2024 is 5,956 compared to 2,864 cases in 2023, a 108% increase. In epidemiological week 40, a total of 58 cases were registered, compared to 102 cases in the same week last year. [[Full article](#)]



- **The Philippines:** The Albay Provincial Health Office (PHO) has reported a significant increase in dengue cases compared to last year, with 2,116 cases reported from January to date (Calipay, C., 2024). Provincial Epidemiology and Surveillance Unit (PESU) emphasized the importance of reporting cases to monitor the situation and reminded the public of the "4S" strategy: destroying mosquito breeding grounds, self-protection measures, seeking early consultation, and supporting fogging or spraying in outbreak areas. [[Full article](#)]

HIV/AIDS

- **Indonesia:** The Warari Health Center in Anotarei Sub-district, Yapen Islands District, handles 1,323 HIV/AIDS cases, the highest number in the district (Makabori & Terrajana, 2024). The Yapen Islands Health Office reports 1,904 cases, with 880 have received antiretroviral (ARV) treatment, while 1,082 have not. The Administrator of the HIV/AIDS Handling Commission of Yapen Islands District assures that the stock of ARV drugs is adequate and encourages public to continue taking ARV drugs. [[Full article](#)]
- **Viet Nam:** Ha Tinh's Provincial Center for Disease Control (CDC) reported 1,250 HIV cases in the province by September 2024, with 641 still alive and 414 dying of AIDS (Thang, 2024). In the first eight months of 2024, a total of 37 cases were detected and treated, including 31 cases transmitted by sexual intercourse. The province has implemented the Global Fund for HIV/AIDS Prevention and Control Project to raise public awareness and improve HIV treatment quality. [[Full article](#)]

Leptospirosis

- **Thailand:** Since the start of this year, at least 2,926 cases of leptospirosis have been reported (Thai PBS, 2024). More than 66% were farmers, who have direct contact with water and mud. The fatalities are often due to delayed medical consultation or self-medication. The disease is most common in people aged 55-64 and children, who are at risk from staying in floodwater. Parents are advised to monitor their children closely. [[Full article](#)]

Melioidosis

- **Thailand:** Between January and the end of September, 2,881 cases of melioidosis were reported, including 90 deaths (Thai PBS, 2024). [[Full article](#)]

Rabies

- **Indonesia:** The Jembrana Agriculture and Food District Office has reported dozens of rabies cases for almost a year, with 36 positive cases recorded until the third quarter of 2024 (Mendala, E., 2024). [[Full article](#)]



- **Malaysia:** The Sabah state government is preparing for a possible rabies outbreak due to concerns in Sarawak and Indonesia (Sokial, 2024). The Deputy Chief Minister emphasized the importance of managing the disease before it reaches Sabah's borders, as the disease is still active in neighboring areas. Sarawak has reported 81 bite cases, with 74 deaths. [[Full article](#)]

Tuberculosis

- **Indonesia:** The Mataram City Health Office, West Nusa Tenggara Province, has identified 1,280 cases of tuberculosis in Mataram City, from the target of 1,601 cases in 2023 (Nirkomala & Hadi, 2024). The number of cases detected is still below the 2023 target of 2,414 people, with a treatment success rate of 90%. The data comes from 11 health centers and 16 hospitals, clinics, and other health facilities in Mataram City. Eleven health centers in Mataram City have established special teams focused on TB case management, control and prevention to accelerate the 2030 TB elimination target. [[Full article](#)]

Reference

- Ahmad, S. (2024) *Perak catat Kematian Ke-13 Akibat Denggi Tahun Ini*, Sinar Harian. Available at: <https://www.sinarharian.com.my/article/690150/edisi/perak/perak-catat-kematian-ke-13-akibat-denggi-tahun-ini> (Accessed: 11 October 2024).
- Calipay, C. (2024) *Albay reports sharp rise in dengue cases this year*, The Philippine News Agency. Available at: <https://www.pna.gov.ph/> (Accessed: 11 October 2024).
- Correspondent, S. (2024) *Three die of dengue in a day, 583 new patients hospitalised*, Dengue: 3 die, 583 hospitalisedbdnews24.com. Available at: <https://bdnews24.com/health/96b70342d0b9> (Accessed: 11 October 2024).
- Desk, D.N. (2024) *Zambia reports first mpox case: A growing health concern*, Health, Devdiscourse. Available at: <https://www.devdiscourse.com/article/health/3117906-zambia-reports-first-mpox-case-a-growing-health-concern> (Accessed: 11 October 2024).
- Makabori, H. (2024) *Puskesmas Warari tangani 1.323 Kasus HIV/AIDS, tertinggi di yapen, Jubi Papua*. Edited by S. Terrajana. Available at: <https://jubi.id/penkes/2024/puskesmas-warari-tangani-1-323-kasus-hiv-aids-tertinggi-di-yapen/> (Accessed: 11 October 2024).
- Marconi, P. (2024) *Sesa confirma Primeiros Casos de mpox em Londrina Neste Ano*, Folha de Londrina. Available at: <https://www.folhadelondrina.com.br/cidades/sesa-confirma-primeiros-casos-de-mpox-em-londrina-neste-ano-3265670e.html> (Accessed: 11 October 2024).
- Mendala, E. (2024) *Hingga Triwulan III 2024, puluhan kasus rabies dilaporkan jembrana*, BALIPOST.com. Available at: <https://www.balipost.com/news/2024/10/10/421530/Hingga-Triwulan-III-2024,Puluhan-Kasus...html> (Accessed: 11 October 2024).
- Neumann, E. (2024) *Clark County Whooping Cough Trend continues as school year starts*, opb. Available at: <https://www.opb.org/article/2024/10/09/clark-county-whooping-cough-schools/> (Accessed: 11 October 2024).
- Newsrap (ed.) (2024) *Five patients found dengue positive in investigation*, हॉम. Available at: <https://www.livehindustan.com/uttar-pradesh/ghazipur/story-dengue-cases-surge-in-ghazipur-30-confirmed-patients-amid-health-department-s-efforts-201728579332849.html> (Accessed: 11 October 2024).
- Nirkomala (2024) *Dinkes Mataram temukan 1.280 Kasus TBC*, Antara News. Edited by B.S. Hadi. Available at: <https://www.antaraneews.com/berita/4388390/dinkes-mataram-temukan-1280-kasus-tbc> (Accessed: 11 October 2024).
- Sunaryo, A. (2024) *Harus Jadi Perhatian, 6 orang Meninggal Akibat Terjangkit dbd di Cirebon*, javascript hit counter. Available at: <https://lampost.co/kesehatan/harus-jadi-perhatian-6-orang-meninggal-akibat-terjangkit-dbd-di-cirebon/> (Accessed: 11 October 2024).
- Sokial, S. (2024) *Sabah tightens border controls and quarantine against rabies threat from neighbouring regions*, The Star. Available at: <https://www.thestar.com.my/news/nation/2024/10/10/sabah-tightens-border-controls-and-quarantine-against-rabies-threat-from-neighbouring-regions> (Accessed: 11 October 2024).
- Thai PBS (2024) *Flood-related bacterial infections on the rise*, Thai PBS World. Available at: <https://world.thaipbs.or.th/detail/flood-related-bacterial-infections-on-the-rise/55038> (Accessed: 11 October 2024).
- Thang, Q. (2024) *Quy Toàn Cầu Phòng chống HIV/AIDS - cứu cánh CHO NGƯỜI NHIỄM HIV*, Báo Hà Tĩnh - Tin tức Hà Tĩnh mới nhất, tin nhanh Hà Tĩnh 24h. Available at: <https://baohatinh.vn/quy-toan-cau-phong-chong-hiv-aids-cuu-can-cho-nguoi-nhiem-hiv-post275230.html> (Accessed: 11 October 2024).
- Washington, J. (2024) *Covid-19 cases drop sharply for fourth straight week: Coronavirus Update for Thursday, Oct. 10, 2024*, cleveland. Available at: <https://www.cleveland.com/healthfit/2024/10/covid-19-cases-drop-sharply-for-fourth-straight-week-coronavirus-update-for-thursday-oct-10-2024.html> (Accessed: 11 October 2024).