

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 January 2024.

Global Situation

Covid-19

- **Bangladesh** reported 32 more COVID-19 cases in the last 24 hours, with 587 samples tested, a positivity rate of 5.45% (The Daily Observer, 2024). The country's total fatalities remained at 29,492, with 2,048,914 cases and 2,015,914 recoveries. The first case occurred on March 8, 2020. [\[Full article\]](#)
- **New Zealand:** COVID-19 cases have decreased since last week, with 4,803 new cases reported and 24 deaths attributed to the virus (News R, 2024). The health agency advised household contacts of someone positive to stay home and test daily unless they develop symptoms themselves. If a person tested negative but had COVID-19 symptoms, they should stay at home and test again in 24 and 48 hours. [\[Full article\]](#)
- The **United State (US):** Lexington, Kentucky, has experienced a significant increase in COVID-19 cases and deaths over the past four years, with 132,025 confirmed cases and 828 deaths (John McGary, 2024). The Lexington-Fayette County Health Department reported that 828 families have been irreversibly changed due to the pandemic. The Centers for Disease Control and Prevention (CDC) issued new recommendations to reduce strain on medical providers, allowing patients to return to normal activities after symptoms improve after 24 hours. The vaccine has been effective in providing protection, but symptoms are less severe and hospitalizations are less likely. The vaccine is not a guarantee against COVID. [\[Full article\]](#)

Dengue

- **Bangladesh:** Two more people died from dengue fever in Bangladesh, bringing the total fatalities to 20 this year (EM, 2024). The number of affected people increased to 1,484 this year, with 12 patients hospitalized. Four new cases were reported in the capital and eight outside. 65 patients were undergoing treatment at various hospitals. The country recorded its record highest dengue deaths in 2023, with 321,179 patients admitted and 318,749 released last year. [\[Full article\]](#)



Measles

- **Taiwan (Province of China):** A 30-year-old woman from Malaysia has been diagnosed with measles after traveling with a friend from February 16-20, 2024 to Malaysia (CNA, 2024). She returned to Taiwan on the same flight as the first overseas migration case this year, was monitored for health until March 9. [[Full article](#)]
- The **United States (US):** A second case of measles has been reported in a Pilsen migrant shelter, involving a child attending a CPS school (Wade, S., Cauguiran, C. and ABC7 Chicago Digital Team, 2024). This marks the third person in Chicago to transmit the virus since last Thursday. A team from the CDC will be sent to Chicago to help with the response. The first child has recovered and is no longer infectious. Residents at the shelter who were recently vaccinated have been encouraged to quarantine for 21 days. Chicago Public Schools has notified staff and families of the CPS school the migrant child attended to be aware of the situation. Californian Department of Public Health (CDPH) is working with medical teams to vaccinate the remaining 13% of residents who have not presented proof of vaccination. [[Full article](#)]

Pertussis

- The **United States (US):** The Chelan-Douglas Health District is investigating an increase in pertussis cases, including 17 confirmed cases (Staff, One News, 2024). An additional case, reportedly unrelated to the earlier cases, has raised concerns about the disease spreading beyond the initial clusters. The district is actively tracking the situation. [[Full article](#)]

Regional Situation

Dengue

- **Indonesia:** Dengue fever cases in West Java have increased due to El Nino, reaching 7,543 cases as of March 8, 2024 and 58 cases have been fatal (Joumilena, E., 2024). The three cities with the highest dengue cases are Bogor City (848), West Bandung District (840), and Subang District (691). [[Full article](#)]

In Cileungsi General Hospital, Bogor District has treated 65 Dengue Hemorrhagic Fever (DHF) patients this year, with 25 still undergoing intensive treatment (Redaksi, 2024). The hospital is currently treating 25 patients, with 65 patients reported in the last few weeks. [[Full article](#)]

Other cases reported, DHF infected 229 people in Gunungkidul District in 2024, with two deaths (Ginting N.S, 2024). The highest cases were in Kapanewon Wonosari and Paliyan. Dengue cases increased sharply compared to 2023, with 260 cases and one death. [[Full article](#)]

- **Thailand:** Dengue cases in Thailand have risen to 17,783 cases this year, more than double the previous year (The Nation, 2024). The disease has claimed 25 lives in 16 provinces. The Public Health Minister has instructed provincial disease control committees to coordinate with health volunteers and spray mosquito-killing chemicals in community areas. [[Full article](#)]



Hand Foot and Mouth Disease

- The **Philippines**: From January 1 to February 24, the Iloilo Provincial Health Office recorded 112 cases of hand-foot-and-mouth disease (HFMD), a 96% decrease from the 2,782 cases recorded in 2023 (Sornito, I., 2024). The highest number of cases was reported in Lambunao, followed by Banate, Barotac Viejo, Igbaras, Oton, San Dionisio, Lemery, Badiangan, and Leon. The remaining towns reported no cases. [Full article]

Pertussis

- **Vietnam**: The Hanoi Center for Disease Control reported 9 cases of whooping cough from January to March 2024, compared to no cases in 2022 and 2023. Most children with pertussis have not received enough vaccinations, making vaccination the most effective prevention measure (Baodientutv, 2024). The Hanoi Department of Health recommends vaccination at 2 months, 3 months, 4 months, and 18 months. Additionally, clean environments, personal hygiene, and recognizing signs of illness are crucial for proper treatment. [Full article]

Reference

- Baodientutv (2024) Ghi nhận 9 ca Ho Gà, HÀ Nội Khuyến cáo phòng, Chống Bệnh, BAO DIEN TU VTV. Available at: <https://vtv.vn/suc-khoe/ghi-nhan-9-ca-ho-ga-ha-noi-khuyen-cao-phong-chong-benh-20240310100753142.htm> (Accessed: 11 March 2024).
- CNA (2024) 竹縣新增1例境外移入麻疹 曾與確診者同班機 生活, 中央社 CNA. Available at: <https://www.cna.com.tw/news/ghel/202403090024.aspx> (Accessed: 11 March 2024).
- EM (2024) Dengue claims two more lives, The Daily Observer. Available at: <https://www.observerbd.com/news.php?id=463633> (Accessed: 11 March 2024).
- Ginting, N.S. (2024) 229 warga gunungkidul terjangkit DBD, 2 orang meninggal Dunia, Tribunjogja.com. Available at: <https://jogja.tribunnews.com/2024/03/10/229-warga-gunungkidul-terjangkit-dbd-2-orang-meninggal-dunia> (Accessed: 11 March 2024).
- Joumilena, E. (2024) Pengaruh Perubahan Iklim, Kasus Demam berdarah dengue di Jawa Barat Meningkat Capai 7.543 Kasus, Portal Papua. Available at: <https://portalpapua.pikiran-rakyat.com/gaya-hidup/pr-1307818435/pengaruh-perubahan-iklim-kasus-demam-berdarah-dengue-di-jawa-barat-meningkat-capai-7543-kasus?page=all> (Accessed: 11 March 2024).
- John McGary (2024) Lexington marks four-year anniversary of first COVID-19 case; CDC issues new recommendations, WEKU. Available at: <https://www.weku.org/lexington-richmond/2024-03-10/lexington-marks-four-year-anniversary-of-first-covid-19-case-cdc-issues-new-recommendations> (Accessed: 11 March 2024).
- News, R. (2024) Covid-19 update: 4803 new cases, 24 deaths, RNZ. Available at: <https://www.rnz.co.nz/news/covid-19/511398/covid-19-update-4803-new-cases-24-deaths> (Accessed: 11 March 2024).
- Redaksi (2024) 65 Pasien DBD Dirawat di Rsud Cileungsi, Satu Meninggal Dunia, Bogor24Update. Available at: <https://bogar24update.id/65-pasien-dbd-dirawat-di-rsud-cileungsi-satu-meninggal-dunia/2/> (Accessed: 11 March 2024).
- Sornito, I. (2024) HFMD cases in Iloilo down, Panay News. Available at: <https://www.panaynews.net/hfmd-cases-in-iloilo-down/> (Accessed: 11 March 2024).
- Staff, One News (2024) Whooping cough cases swell to 17 wenatchee vally, Source ONE News. Available at: https://www.yoursourceone.com/south_sound/columbia_basin/whooping-cough-cases-swell-to-17-wenatchee-vally/article_41bc8028-dd95-11ee-9a39-37996be221c7.html (Accessed: 11 March 2024).
- The Daily Observer (2024) 32 new covid cases reported in country -, The Daily Observer. Available at: <https://www.observerbd.com/news.php?id=463638> (Accessed: 11 March 2024).
- The Nation (2024) Health Ministry pushes for frequent use of mosquito spray as dengue death toll rises, nationthailand. Available at: <https://www.nationthailand.com/thailand/general/40036259> (Accessed: 11 March 2024).
- Wade, S., Cauguiran, C. and ABC7 Chicago Digital Team (2024) 2nd child at Pilsen migrant shelter diagnosed with measles is a CPS student; City Marks 3rd Case, ABC7 Chicago. Available at: <https://abc7chicago.com/measles-chicago-outbreak-pilsen-migrant-shelter/14510818/> (Accessed: 11 March 2024).