

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 23-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 hospital (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. [\[Full article\]](#)

Dengue

- **Bangladesh:** The death toll from dengue in Bangladesh has risen to 504 this year, with seven deaths reported in the past 24 hours (UNB, 2024). Since January 1, 2024, a total of 93,685 dengue cases have been reported. Last year, 321,179 cases and 318,749 recoveries were recorded. [\[Full article\]](#)

Measles

- **China:** A new case of local measles has been reported in Bei City, with 328 contacts listed (Qiaolan, 2024). The case, a man in his 20s, developed symptoms on November 26 and was admitted to the health unit on November 29. The CDC is conducting prevention and control efforts and conducting epidemic investigations. [\[Full article\]](#)



- **Italy:** Four cases of measles in adults in Trentino were reported to the Territorial Public Hygiene Services of the Prevention Department of the Provincial Health Services Agency (ANSA, 2024). The cases were reported in Val di Non, Rotaliana, and Giudicarie Valleys. In Trentino, vaccination compliance has improved over the last five years, with vaccination coverage exceeding 95% of children. [\[Full article\]](#)

Pertussis

- The **United States (US):** St. Louis is seeing an increase in whooping cough cases, with 603 reported this year, including 225 in St. Louis County (Barczewski, 2024). Vaccination is the most effective prevention tool, but immunity wanes over time, requiring multiple shots and boosters at 11 to 12 years of age. The vaccination rate for Missouri kindergarteners dropped by 4% from 2019-2020 to 2023-2024. [\[Full article\]](#)

Poliomyelitis

- **Pakistan** has confirmed three new cases of polio, raising the number to 59 this year (Aslam, S., 2024). The cases were detected in Drazanda tehsil (Khyber Pakhtunkhwa), Karachi and Kashmore (Sindh). The disease predominantly affects children under five, particularly those with weak immunity or inadequate vaccination. Health authorities emphasize the importance of vaccination campaigns to curb the spread of the virus. [\[Full article\]](#)

Regional Situation

COVID-19

- **Singapore:** Singaporean Prime Minister tested positive for COVID-19 for the first time and plans to self-isolate while working from home (Xinhua & Huaxia, 2024). He woke up with a sore throat and confirmed the infection, posting a photo of the test result. [\[Full article\]](#)

Dengue

- **Indonesia:** The number of dengue hemorrhagic fever (DHF) cases in West Java Province increased compared to 2023, resulting in 313 deaths (Lukman, 2024). The provincial government is preparing to prevent further spread before the expected peak in January. The highest distribution of cases was in densely populated areas, such as Bandung Municipality, where the number of cases reached 7,268 with a 29 deaths. [\[Full article\]](#)

Indonesia: Dengue cases in Surakarta, Central Java, have doubled from 2023, reaching 211 (NV, 2024). Though trends declined in the second semester, 11 deaths, including two children and three adults, have been recorded. While the trend decreased in the second semester, cases has doubled 2023. Authorities urge vigilance, prompt medical checks for fever or nausea, and routine mosquito eradication to curb transmission. [\[Full article\]](#)

- **Philippines:** Quezon City's local government has intensified its anti-dengue program, encouraging clean-up drives and dengue flyer distribution (Cruz, 2024). The city recorded 6,697 dengue cases from January to November 2024, with District 2 having the highest number. The health department advises residents to seek medical attention if they experience symptoms of dengue. [\[Full article\]](#)



- **Viet Nam:** Hanoi has reported 585 new cases of dengue fever, higher than 496 cases in the previous week (Nguy Tin, 2024). The patients were reported from 30 areas. The city has reported 7,824 cases so far this year, with no deaths recorded. District, town and city health centers continue to implement environmental sanitation campaigns. [[Full article](#)]

Malaria

- **Indonesia:** Malaria cases in Central Mamuju District, West Sulawesi Province, have increased this year, compared with 2023 (Anugrah, S., 2024). The increase is attributed to people from Papua and Kalimantan who have contracted the disease working on the Trans-Sulawesi Road in the region. The Central Mamuju District Health Office is working with the village government office to contain further cases. [[Full article](#)]

Measles

- **Viet Nam:** Ho Chi Minh City has reported a surge in measles cases with 319 new infections reported last week, 58.1% higher than the average for the previous four weeks (Xinhua, 2024). Infections particularly rose among children aged 11 to 14 years and infants aged six to nine months. Since early this year, 2,438 new cases have been reported, including four deaths. [[Full article](#)]

Reference

- Anugrah, S. (2024) *Kasus malaria di Mamuju Tengah Meningkat - Tribun-Sulbar.com, Tribun*. Available at: <https://sulbar.tribunnews.com/2024/12/03/kasus-malaria-di-mamuju-tengah-meningkat> (Accessed: 04 December 2024).
- ANSA, R. (2024) *Apss reports four cases of measles in adults in Trentino, Agenzia ANSA*. Available at: https://www.ansa.it/trentino/notizie/2024/12/03/apss-segnala-quattro-casi-di-morbillo-negli-adulti-in-trentino_46630640-438a-4674-94e4-c870f43b95ad.html (Accessed: 04 December 2024).
- Aslam, S. (2024) *Three new cases push nationwide polio tally to 59: EOC, thenews*. Available at: <https://www.thenews.com.pk/latest/1257569-three-new-cases-push-nationwide-polio-tally-to-59-eoc> (Accessed: 04 December 2024).
- Barczewski, L. (2024) *Whooping cough cases continue to rise in Missouri*. Available at: <https://www.ksdk.com/article/news/health/whooping-cough-cases-increase-missouri/63-e3d3734d-08da-4b5e-a653-43297ffe55cb> (Accessed: 04 December 2024).
- Cruz, A. dela (2024) *Quezon City-lgu mas pinaigting kampanya laban sa dengue, Philstar.com*. Available at: <https://www.philstar.com/pilipino-star-ngayon/metro/2024/12/04/2404864/quezon-city-lgu-mas-pinaigting-kampanya-laban-sa-dengue> (Accessed: 04 December 2024).
- Lukman, L.M. (2024) *Kasus dbd di Jabar Renggut 313 NYAWA Sepanjang 2024, Galamedia News*. Available at: <https://galamedia.pikiran-rakyat.com/news/pr-358838265/kasus-dbd-di-jabar-renggut-313-nyawa-sepanjang-2024?page=all> (Accessed: 03 December 2024).
- Marcolino, T. (2024) *Sorocaba contabiliza 12o Caso de Mpox, diz estado, Cruzeiro do Sul*. Available at: <https://www.jornalcruzeiro.com.br/sorocaba/noticias/2024/12/741219-sorocaba-contabiliza-12-caso-de-mpox-diz-estado.html> (Accessed: 04 December 2024).
- News, R. (2024) *Covid-19: 1719 new cases, seven deaths, RNZ*. Available at: <https://www.rnz.co.nz/news/national/535518/covid-19-1719-new-cases-seven-deaths> (Accessed: 03 December 2024).
- Nguy Tin (2024) *Dengue fever epidemic in Hanoi is still 'hot', Báo tin tức*. Available at: <https://baotintuc.vn/y-te/dich-sot-xuat-huyet-o-ha-noi-van-dang-nong-20241202151202251.htm> (Accessed: 03 December 2024).



- NV, T.W. (2024) *Waspada! dbd di solo naik 2 kali lipat Tembus 211 Kasus, 11 meninggal*, detikjateng. Available at: <https://www.detik.com/jateng/berita/d-7667543/waspada-dbd-di-solo-naik-2-kali-lipat-tembus-211-kasus-11-meninggal> (Accessed: 03 December 2024).
- UNB (2024) *Dengue death toll tops 500 in 2024*. Available at: <https://www.dhakatribune.com/bangladesh/health/367036/dengue-death-toll-surpasses-500-in-2024> (Accessed: 04 December 2024).
- Qiaolan, H. (2024) *快訊／北市爆麻疹群聚！20多歲男確診成第2案 接觸者匡列328人*: ETtoday生活新聞, ETtoday新聞雲. Available at: <https://www.ettoday.net/news/20241203/2866580.htm> (Accessed: 04 December 2024).
- Xinhua (2024) *Uganda reports 3 more mpox deaths as confirmed cases hit 784*, Xinhua. Available at: <https://english.news.cn/africa/20241203/aee2ff1b3ebe42118a9457e23c5e65dc/c.html> (Accessed: 04 December 2024).
- Xinhua (2024) *Singaporean PM to self-isolate after testing positive for covid-19*, Xinhua. Edited by Huaxia. Available at: <https://english.news.cn/asiapacific/20241203/21582dafadd149d19a9cd3b706d779f7/c.html> (Accessed: 04 December 2024).
- Xinhua (2024) *Vietnam's Ho Chi Minh City reports surging measles infections among children*, Xinhua. Available at: <https://english.news.cn/20241203/18831e1ba8234f638183065703f3fe9f/c.html> (Accessed: 04 December 2024).