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Morbidity and Mortality Weekly Report in the ASEAN Region

— Infectious Diseases

November 14, 2023 | MMWR 2023-45
Epidemiological Week 45



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Weekly Issue





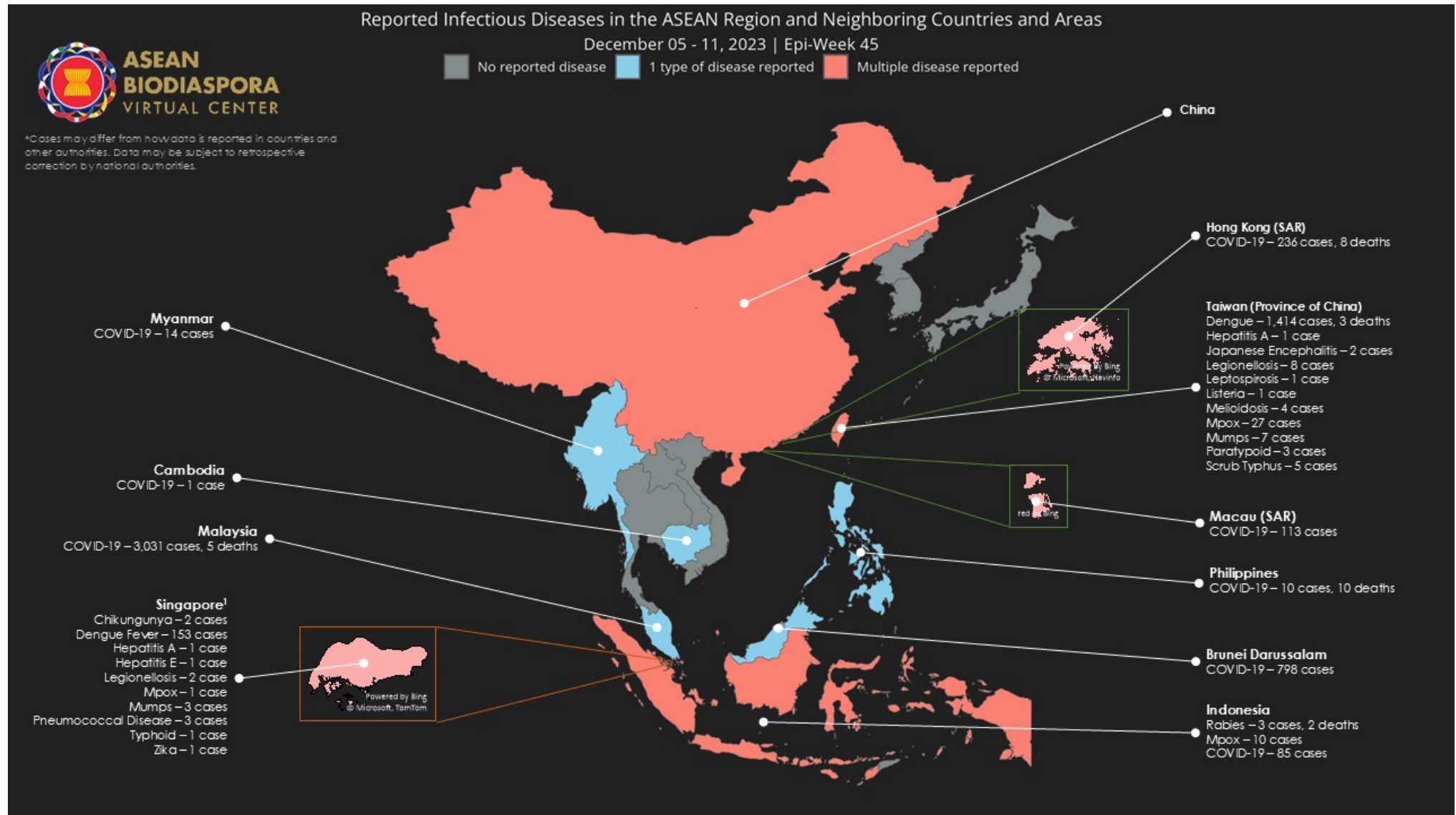
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Reported Infectious Diseases in the ASEAN Region and Neighboring Countries

Epidemiological Week 45 | November 5-11, 2023



1. Ministry of Health Singapore, "Weekly Infectious Diseases Bulletin," Ministry of Health, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>.



Reported Infectious Diseases

Epidemiological Week 45 | November 5-11, 2023

Infectious Disease Global Updates

Dengue

- Bangladesh:** The number of deaths from dengue fever in Bangladesh has risen to 1,460 this year, with 1,333 patients admitted to hospitals in just one day (Mzamin, 2023). Interestingly, more patients were detected in villages than in the capital. According to the Health Emergency Operation Center and Control Room of the Health Department, 1,333 people were admitted to hospitals with dengue in the last 24 hours of November 10. Out of these, 298 patients were from Dhaka and 1,035 were from outside Dhaka. The total number of dengue patients admitted to various government and private hospitals in the country has now risen to 6,208, with 1,333 new cases. It is expected that the actual number of dengue cases could be 10 times more than the current patient count since many patients prefer to take treatment from home. [\[Full article\]](#)
- Taiwan (Province of China):** Tainan City has reported 108 new local cases of dengue fever, a drop from 18,992 cases in the previous day. However, a confirmed case in Jiali District was identified as type 2 dengue virus (United News Network, 2023). The Dengue Fever Prevention and Control Center has launched expanded testing measures to identify potential sources of infection and hidden cases in the community. The director of the center, Su Shibin, visited Jiali District to inspect the expanded collection and inspection station and strengthen communication with the district office and health center. The rapid population movement in Nanshi makes it easier to accelerate the spread of the virus, especially the severe clinical symptoms caused by type 2 dengue. [\[Full article\]](#)

Measles

- Switzerland:** Three adults in Geneva contracted measles, a highly contagious and infectious disease (20 minutes, 2023). The township has taken action to limit the spread and protect vulnerable people. Vaccination is recommended for infants and children, with catch-up advised for those born after 1963. Switzerland's vaccination coverage is 87%, with a target of 95%. Measles outbreaks occur regularly in Switzerland, with the last in Geneva in 2019. [\[Full article\]](#)
- Yemen:** Measles cases in Ibb governorate, central Yemen, have reached 1,600 cases and 16 deaths since January 2023 (Al-Sahwah.net, 2023). The World Health Organization (WHO)-led health bloc reported a 68% increase in infections and deaths compared to last year. The most affected districts were Yarim, Al-Udayn, Al-Qafr, and Al-Sabra. The Health Bloc confirmed 2,563 suspected cases and 21 deaths in Ibb and Taiz governorate. The Houthi militia's systematic campaigns against vaccines have led to deadly childhood diseases. [\[Full article\]](#)

Diphtheria

- Pakistan:** Three schoolchildren in Shabara, Charsadda district, died of diphtheria, causing concern among residents (Dawn, 2023). The health department sent teams to conduct vaccination and screening tests, and the school was closed until all children were vaccinated. 10 teams have vaccinated and screened 2,400 children, providing medicines to those affected. [\[Full article\]](#)
- South Africa:** A diphtheria outbreak has been confirmed at Pollsmoor Correctional Centre in the Western Cape, resulting in one inmate's death (Matsoere, 2023). Eight more inmates have tested positive, with two experiencing mild symptoms. Public health measures include contact tracing of inmates, correctional services staff, consulting



healthcare workers, and emergency services personnel to control the spread of the infection. [[Full article](#)]

Malaria

- **Colombia:** In 2023, Colombia has registered 79,934 malaria cases, with 1,357 complications (Vanguardia, 2023). The most affected regions are Chocó, Antioquia, Cordoba, Nariño, Risaralda, Cauca, Guainía, Bolívar and Guaviare, and Norte de Santander. The Ministry of Health and Social Protection launched a strategy to combat malaria, focusing on timely diagnosis and treatment within 48 hours of symptom onset. [[Full article](#)]
- **India:** A medical team from various organizations, including the District Health Department, WHO, United Nations Children's Fund (UNICEF), Multipurpose Workers (MPW), and Auxiliary Nurse Midwives (ANM), arrived in Saranda to organize camps in affected villages (Prabhat Khabar, 2023). They found 50 malaria cases and vaccinated 50 pregnant women and 50 children. Over 200 villagers were checked. However, there are no MPWs and ANMs in the three sub-health centers, causing a lack of proper treatment. The team's efforts brought happiness to the villagers, resulting in hundreds of visits for treatment. [[Full article](#)]

Vector-Borne Diseases

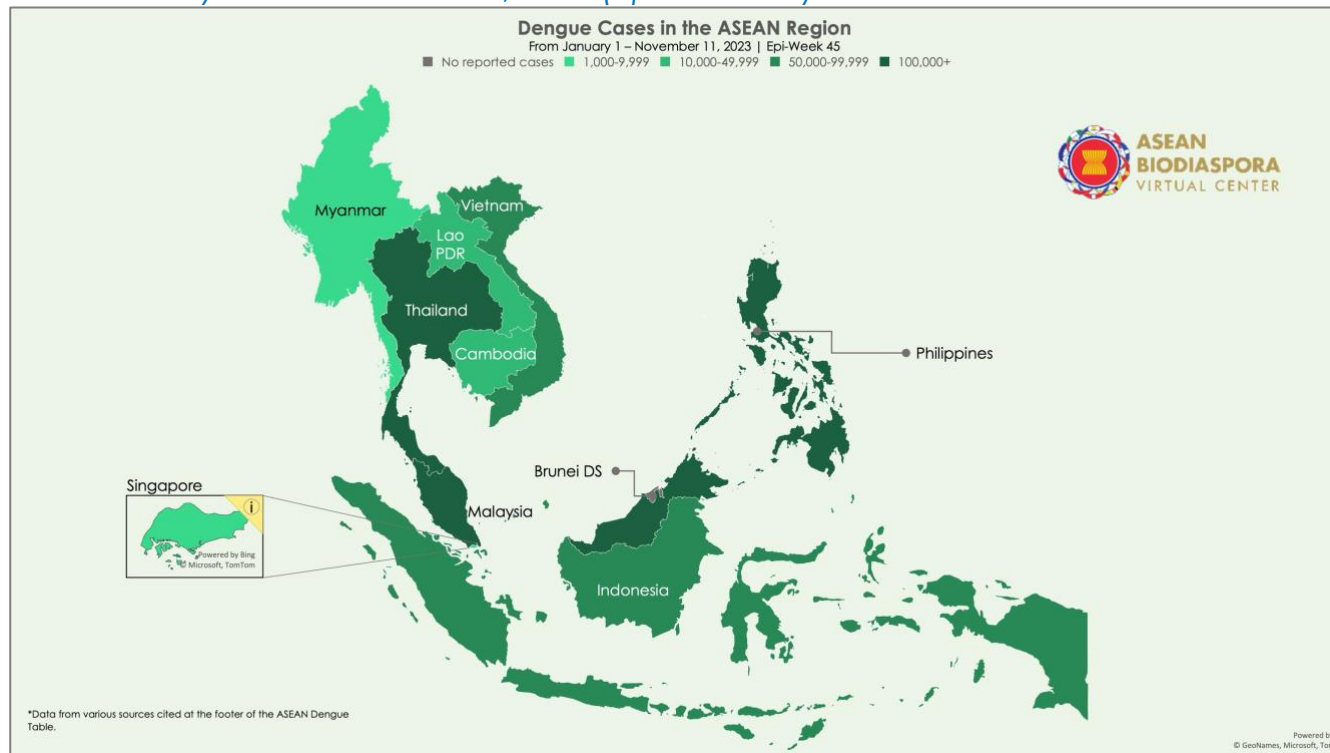


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Dengue Cases in the ASEAN Region

From January 1 to November 11, 2023 (Epi-Week 45)



Dengue cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Dengue Cases	New Cases Since the Previous Report	Cumulative Deaths	New Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-
Cambodia¹	Week 39	23,940	3,613	39	2	0.16%
Indonesia²	Week 41	70,609	1,613	508	10	0.72%
Lao PDR¹	Week 41	28,045	778	18	6	0.06%
Malaysia³	Week 45	102,969	2,390	73	-	0.07%
Myanmar⁴	Week 28	6,685	-	30	-	0.45%
Philippines⁵	Week 41	155,823	-	543	-	0.36%
Singapore⁶	Week 45	8,435	128	-	-	0.00%
Thailand⁷	Week 44	127,838	4,757	141	11	0.11%
Vietnam¹	Week 41	113,962	26,243	31	7	0.03%
Total		638,306	39,522	1,383	36	0.22%

1. WHO WPRO, "Dengue," World Health Organization, accessed November 13, 2023, <https://www.who.int/westpacific/emergencies/surveillance/dengue>
 2. Ministry of Health, Republic of Indonesia
 3. Disease Control Division, Ministry of Health Malaysia, accessed November 13, 2023. iDengue, <https://idengue.mysa.gov.my/did/>
 4. BlueDot Developer Portal, accessed November 13, 2023, <https://developer-portal.bluedot.global/>
 5. Department of Health Website, accessed November 13, 2023 "Statistics", <https://doh.gov.ph/statistics>.
 6. National Environment Agency (NEA), accessed November 13, 2023, <https://www.nea.gov.sg/dengue-zika/dengue/dengue-cases>.
 7. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed November 13, 2023, <http://doe.moph.go.th/surdata/index.php>
 *Data were updated and collected from official sources, which may have a 2-8 weeks delay in reporting. Data must be interpreted cautiously.

- The ASEAN region reported **39,522** new dengue cases and 36 new deaths in Cambodia, Indonesia, Lao PDR, Thailand, and Vietnam since the previous report. The region reported **638,306** total cases and **1,383** total deaths in 2023 with **0.22%** Case Fatality Rate (CFR).



Dengue

- Indonesia:** The Central Jakarta Health Department reported that 292 residents in the city were infected with dengue hemorrhagic fever (DHF) from January to October 2023 (Rojab, 2023). Cempaka Putih District was the highest contributor with 77 cases, with an incidence rate of 26.5 per 100,000 population. The number of cases varied across different sub-districts, with the highest cases in Cempaka Putih District. Menteng District had 16 cases and Gambir District had only nine cases. No fatalities have been reported so far. The Central Jakarta Health Sub-Department is working on increasing officers' awareness and conducting monitoring and evaluation for prevention and control. [[Full article](#)]

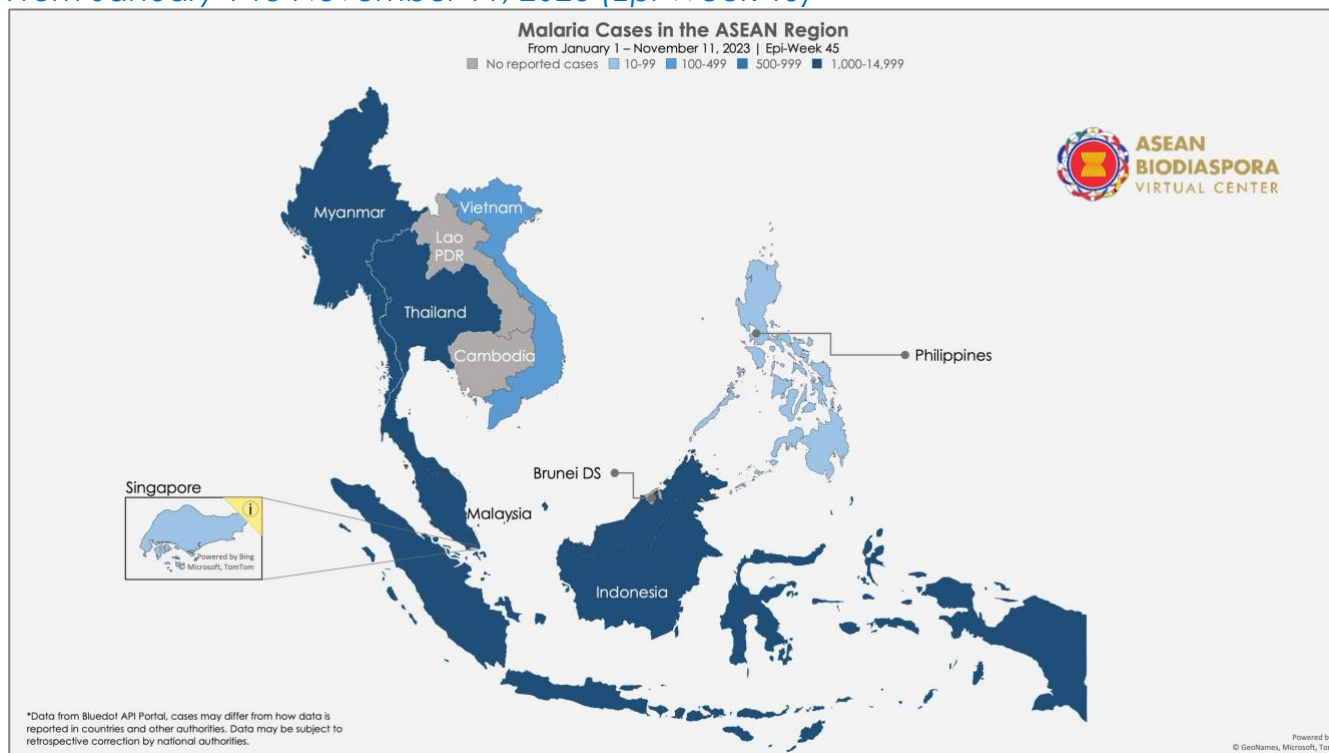
Three residents in Lebak Regency, Banten, died from dengue hemorrhagic fever after being treated by medical personnel (Surnaya, 2023). The region recorded 468 cases from January to November 2023, with 128 cases in Rangkasbitung District and one death. Most sub-districts are endemic areas for dengue fever, and cases have tended to increase following the transition from the dry season to the rainy season. Regional governments are working to optimize prevention efforts to prevent the spread of the deadly mosquito-borne disease. [[Full article](#)]

- Philippines:** The Provincial Health Board of Davao Oriental has urged residents, particularly children, to seek early treatment for dengue-like symptoms (SunStar Davao Digital, 2023). The province recorded 1,897 dengue cases, with the majority from Mati City. The DOPMC has created a fast lane for patients with dengue-like symptoms. The board has also emphasized the importance of Barangay Health Workers in fighting the disease. The province is the second-lowest in the region. [[Full article](#)]
- Vietnam:** Hanoi is focusing on areas with high dengue fever cases in November, as the city has recorded 28,483 cases in 30 districts, towns, and cities, with 575/579 communes, wards, and towns affected (VTV News, 2023). The Department of Health estimates that the number of cases may increase due to the current weather situation. Districts and towns need to continue implementing environmental sanitation and larval eradication, identifying the larvae source for thorough treatment. Medical facilities are currently meeting patient treatment needs without overcrowding, but the health sector needs to review the work of admitting and receiving patients. The dengue fever epidemic is also affecting other localities across the country, with over 120,000 cases and 32 deaths. The risk of epidemic overlapping is high during the changing season. [[Full article](#)]



Malaria Cases in the ASEAN Region

From January 1 to November 11, 2023 (Epi-Week 45)



Malaria cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Malaria Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia	-	-	-	-	-
Indonesia ¹	Week 44	1,899	0	0	0.00%
Lao PDR	-	-	-	-	-
Malaysia ¹	Week 45	1,116	35	0	0.00%
Myanmar ¹	Week 23	4,510	0	0	0.00%
Philippines ¹	Week 28	31	0	0	0.00%
Singapore ²	Week 42	20	1	0	0.00%
Thailand ³	Week 44	4,501	150	4	0.07%
Vietnam ¹	Week 42	349	0	0	0.00%
Total		12,426	186	4	0.03%

1. BlueDot Developer Portal, accessed November 13, 2023, <https://developer-portal.bluedot.global/>.
 2. Ministry of Health Singapore, accessed November 13, 2023, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>.
 3. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed November 13, 2023, <http://doe.moph.go.th/surdata/index.php>

- The ASEAN region reported **186** new malaria cases in Malaysia, Singapore, and Thailand since the previous report. The region reported **12,426** total cases and **four** total deaths in 2023 with **0.03%** CFR.

Vaccine- Preventable Diseases

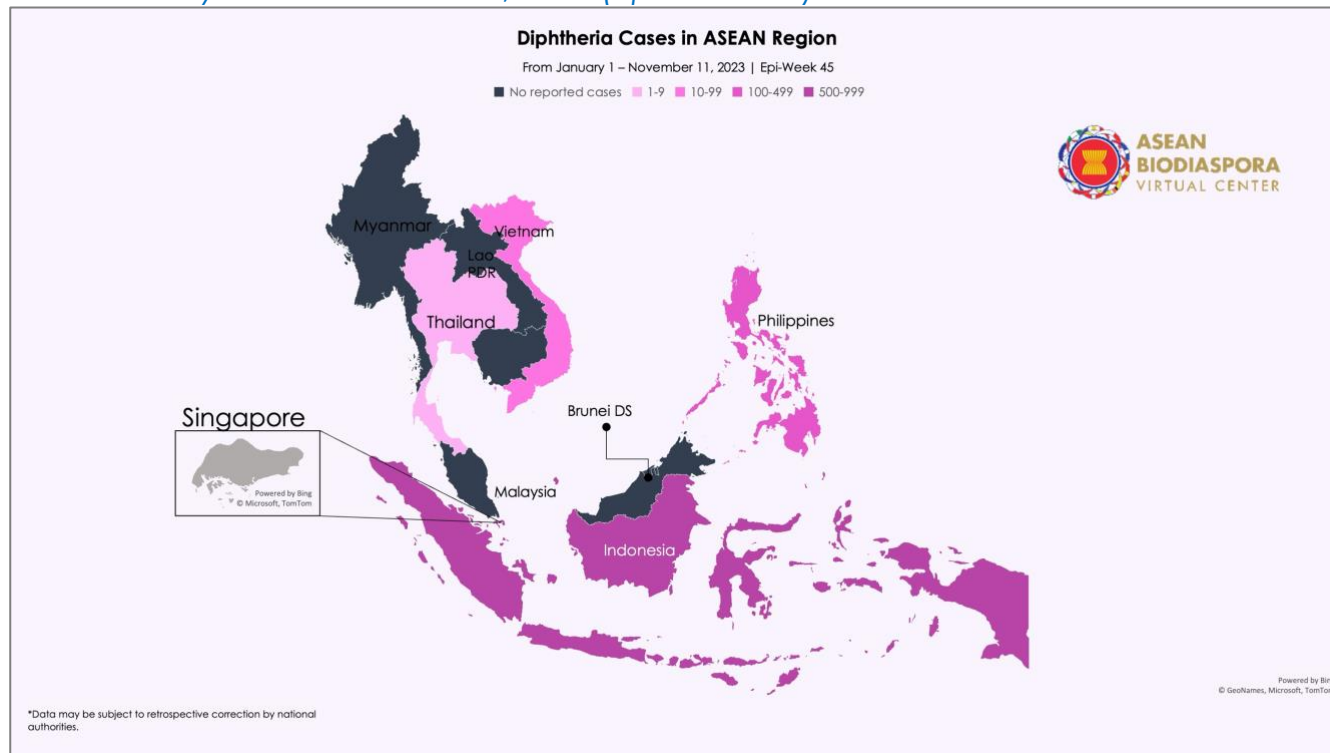


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Diphtheria Cases in the ASEAN Region

From January 1 to November 11, 2023 (Epi-Week 45)



Diphtheria cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Diphtheria Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia	-	-	-	-	-
Indonesia ¹	Week 43	775	0	29	3.74%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar	-	-	-	-	-
Philippines ²	Week 41	157	0	34	21,66%
Singapore ³	Week 41	0	0	0	0.00%
Thailand ⁴	Week 44	6	1	0	0.00%
Vietnam ⁵	Week 38	41	0	3	7.32%
Total		979	1	66	6.74%

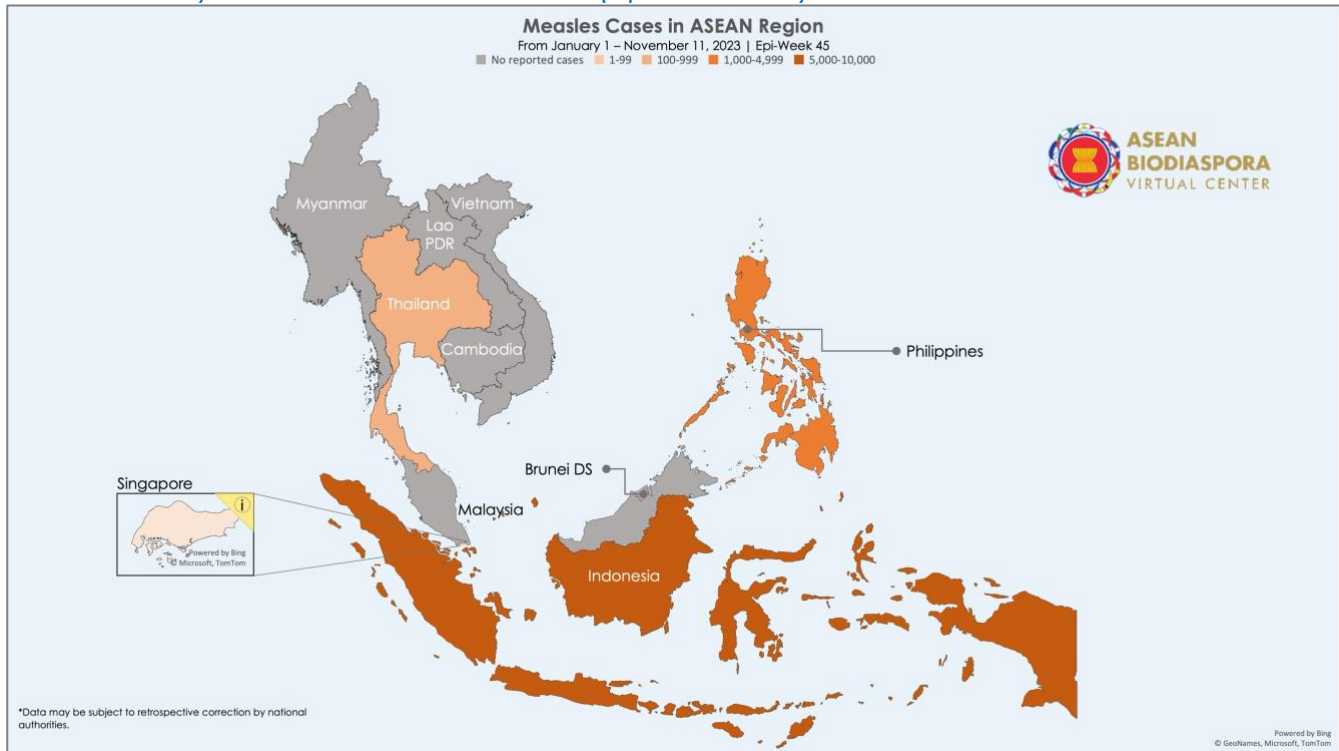
1. Ministry of Health, Republic of Indonesia
2. Department of Health Website, accessed November 13, 2023, "Statistics", <https://doh.gov.ph/statistics>
3. Ministry of Health Singapore, accessed November 13, 2023, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>
4. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed November 13, 2023, <http://doe.moph.go.th/surdata/index.php>
5. BlueDot Developer Portal, accessed November 13, 2023, <https://developer-portal.bluedot.global/>

- The ASEAN region reported **one** new diphtheria cases in Thailand since the previous report. The region reported **979** total cases and **66** total deaths in 2023 with **6.74%** CFR.



Measles Cases in the ASEAN Region

From January 1 to November 11, 2023 (Epi-Week 45)



Measles cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Measles Cases	New Cases Since the Previous Report	Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia	-	-	-	-	-
Indonesia ¹	Week 42	7,018	0	17	0.24%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar	-	-	-	-	-
Philippines ²	Week 41	1,829	0	6	0.33%
Singapore ³	Week 39	6	0	0	0.00%
Thailand ⁴	Week 44	292	4	0	0.00%
Vietnam	-	-	-	-	-
Total		9,145	4	23	0.25%

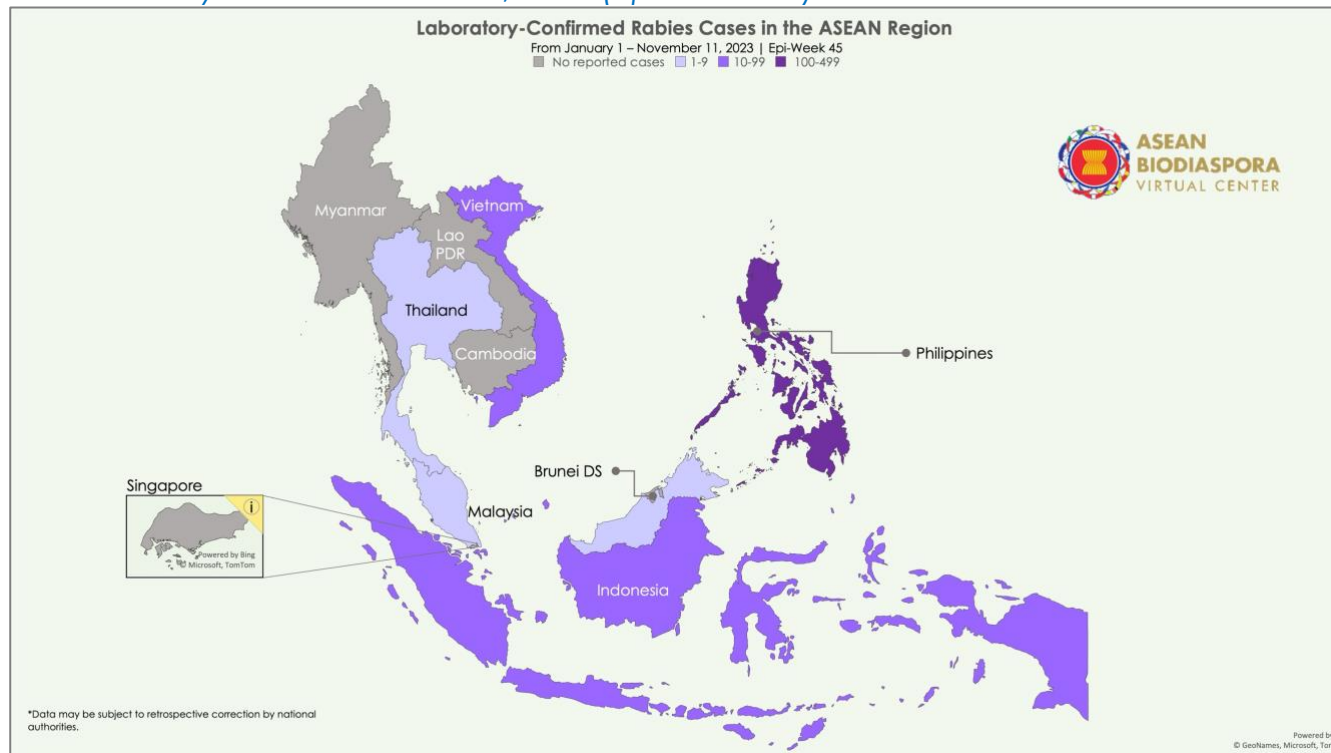
1. Ministry of Health, Republic of Indonesia
2. Department of Health Website, accessed November 13, 2023 "Statistics", <https://doh.gov.ph/statistics>
3. Ministry of Health Singapore, accessed November 13, 2023, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>
4. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed November 13, 2023, <http://doe.moph.go.th/surdata/index.php>

- The ASEAN region reported **four** new measles cases in Thailand since the previous report. The region reported **9,145** total cases and **23** total deaths in 2023 with **0.24%** CFR.



Rabies Cases in the ASEAN Region

From January 1 to November 11, 2023 (Epi-Week 45)



Rabies cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Reported Rabies Cases	Laboratory-Confirmed Rabies Cases	Rabies-Related Deaths
Brunei Darussalam	-	-	-	-
Cambodia	-	-	-	-
Indonesia¹	Week 45	319	21	51
Lao PDR	-	-	-	-
Malaysia¹	Week 38	21	9	19
Myanmar	-	-	-	-
Philippines²	Week 41	312	312	312
Singapore	-	-	-	-
Thailand³	Week 43	5	5	5
Vietnam¹	Week 39	64	33	64
Total		721	380	451

1. BlueDot Developer Portal, accessed November 23, 2023, <https://developer-portal.bluedot.global/>.
 2. Department of Health Website, accessed November 23, 2023 "Statistics", <https://doh.gov.ph/statistics>.
 3. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed November 23, 2023, <http://doe.moph.go.th/surdata/index.php>

- The ASEAN region reported **721** rabies cases, **380** confirmed rabies cases, and **451** rabies-related deaths.



Rabies

- **Indonesia:** A resident of Niki-niki sub-district, Amanuban Tengah District, South Central Timor Regency, died from symptoms of rabies on November 11, 2023 (Donovan, 2023). The patient suffered from weakness, dizziness, fever, and difficulty swallowing, and was taken to the Niki-Niki Health Center for an examination. The medical team consulted with a specialist surgeon and administered anti-rabies vaccine (VAR) and anti-rabies serum (SAR), despite the patient's late arrival. The patient's family requested a sedative and a complete blood test, which were normal. The patient was taken home in an unstable condition. The patient had a history of interacting with a dog in June 2023, but the incident was not reported. The dog that bit the patient was dead. The patient's condition began to improve on November 10, and on November 11, the condition began to decline. The family requested officers to see the patient's condition. The incident highlights the need for better monitoring and treatment for rabies cases in South Central Timor. [\[Full article\]](#)

A 62-year-old rabies patient died after being bitten by a dog in September 2023 (Kurniati & Bere, 2023). He was undergoing treatment at Kefamenanu Regional General Hospital in North Central Timor Regency. The patient was diagnosed with rabies after being examined and tested positive for the disease. He has received an anti-rabies vaccine and has been treated according to standard procedures. The patient's body has been taken to a funeral home for burial. [\[Full article\]](#)



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