ASEAN Biodiaspora Virtual Center Morbidity and Mortality Weekly Report Infectious and Emerging Diseases ASEAN REGION July 10, 2024 | MMWR 2024-27 Epidemiological Week 27 With Support by: With Support by:

This report aims to provide the current situation on infectious and emerging diseases in the ASEAN Region. We collate various information from multiple official sources and publicly available sources and is published every week on Wednesday. For feedback and/or suggestions, please write to support@biodiaspora.org

Editorial

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Key Findings

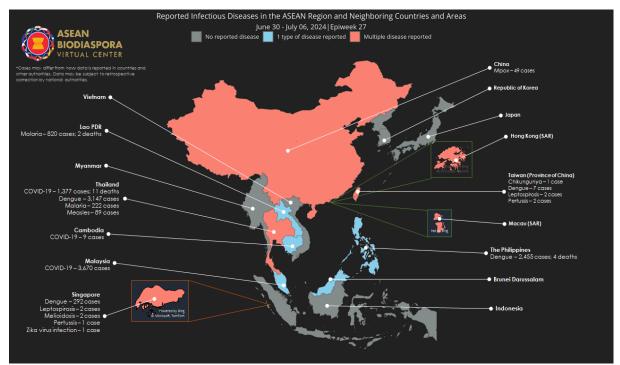
Global

- The United States (US) officials reported the fourth human case of avian influenza linked to the current outbreak of the disease in dairy cattle
- The highly contagious variant LB.1 accounted for 17.5% of COVID-19 cases in the US as of June 22 with cases more than doubling since May.
- The surge of dengue has reported in Bangladesh, India, Iran, Pakistan, Taiwan and the US-
- Malaria continues to be a concern in India.
- Russia, UK, and US reported escalates of measles cases.
- Australia urged eligible individuals to get vaccinated against mpox due to an increased risk of local transmission.
- Countries around the world (Canada, France, Greece, and the U.S.) are dealing with a resurgence of whooping cough (pertussis), prompting health alerts and vaccination campaigns.
- India recorded new cases of Zika, prompting control and prevention measures

ASEAN Region

- Several ASEAN Member States continued to report new COVID-19 cases.
- Philippines has reported 878 cases and 84 deaths from leptospirosis between January 1 and June 15, 2024. Preventive measures and awareness campaigns has been conducted.
- Hanoi, Vietnam, reported 30 new cases of hand, foot, and mouth disease with no fatalities. Outbreak control measures were implemented throughout the city.
- Malaysia reported an outbreak of typhoid in Kota Baru district, prompting mass screening.

Reported Infectious Diseases in the ASEAN Region and Neighboring Countries Epidemiological Week 27 | June 30 – July 6, 2024



Source: AMS Official Sources, Worldometer, WHO, Our World in Data, and Bluedot Platform, accessed on July 9, 2024

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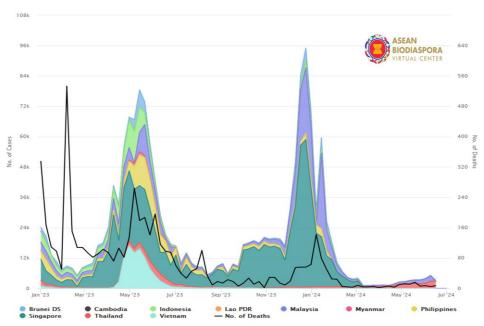
EMERGING DISEASES

COVID-19: Highlights and Situation Overview

- As of 6 July 2024 (5PM, GMT+7), there were **704,800,062** confirmed cases **worldwide**, including **7,010,788 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- 37,044,474 total confirmed cases of COVID-19 have been reported in the ASEAN Region.
- The CFR in the **ASEAN** Region was **1.00%**.

ASEAN Weekly COVID-19 Cases and Deaths

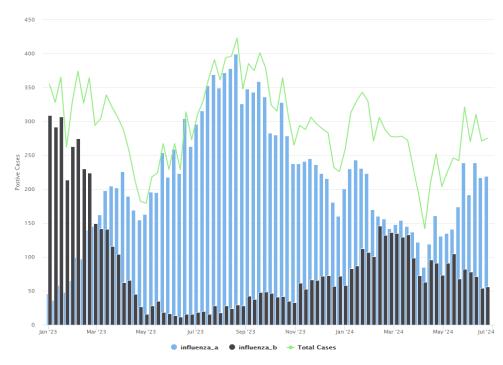
From January 1 to July 6, 2024



Source: Singapore Government, Worldometer, and the WHO, accessed on July 9, 2024

Trends of Influenza Confirmed Cases in the ASEAN region

From January 1 to July 6, 2024



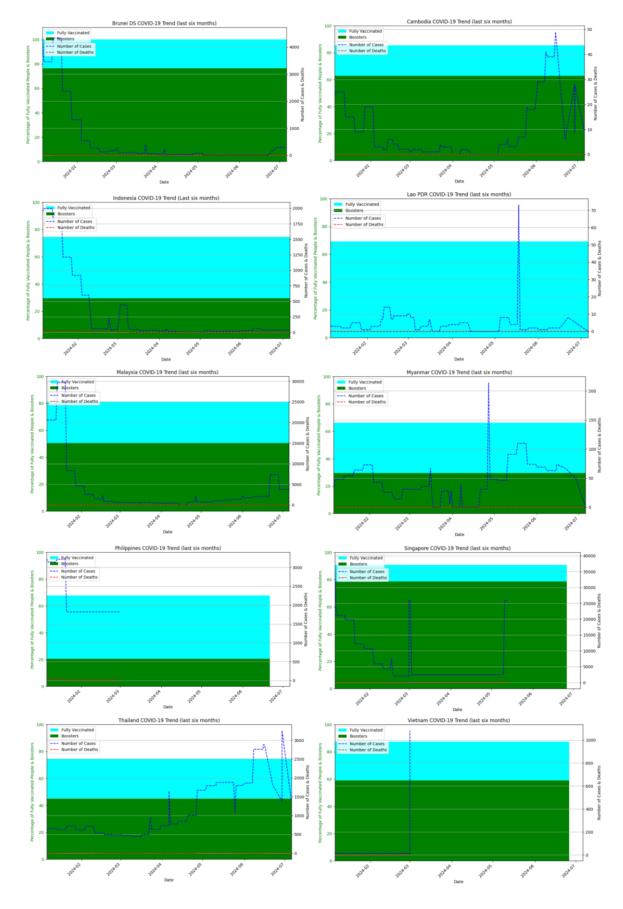
Source: FluNet, accessed on July 9, 2024 (https://www.who.int/tools/flunet)

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Trends of COVID-19 Cases, Deaths, and Vaccine Coverage among AMS



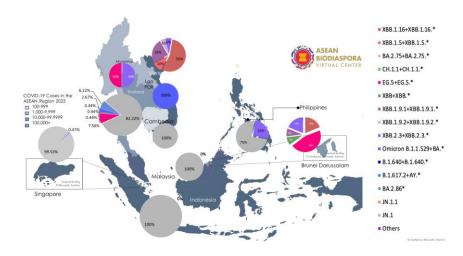


Source: AMS Official Sources, Worldometer, Our World In Data, and WHO, accessed on July 9, 2024

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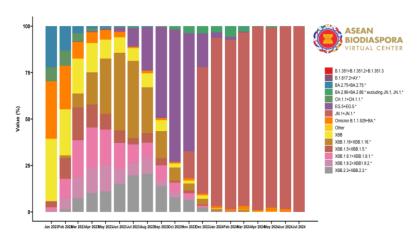
COVID-19 Variants Frequencies Among the ASEAN Member StatesIn June 2024



Source: GISAID. "hCoV-19 Variants Dashboard," accessed July 9, 2024, https://gisaid.org/hcov-19-variants-dashboard/.

COVID-19 Variants Frequencies in the ASEAN Region

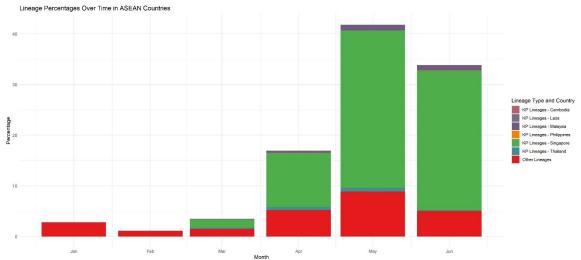
From January 2023 to July 2024



Source: GISAID. "hCoV-19 Variants Dashboard," accessed July 9, 2024, https://gisaid.org/hcov-19-variants-dashboard/.

COVID-19 "KP" Sub-Variant detected in the ASEAN region

From January 2024 to June 2024



Source: GISAID. "hCoV-19 Variants Dashboard," accessed on July 9, 2024 (https://gisaid.org/hcov-19-variants-dashboard/)

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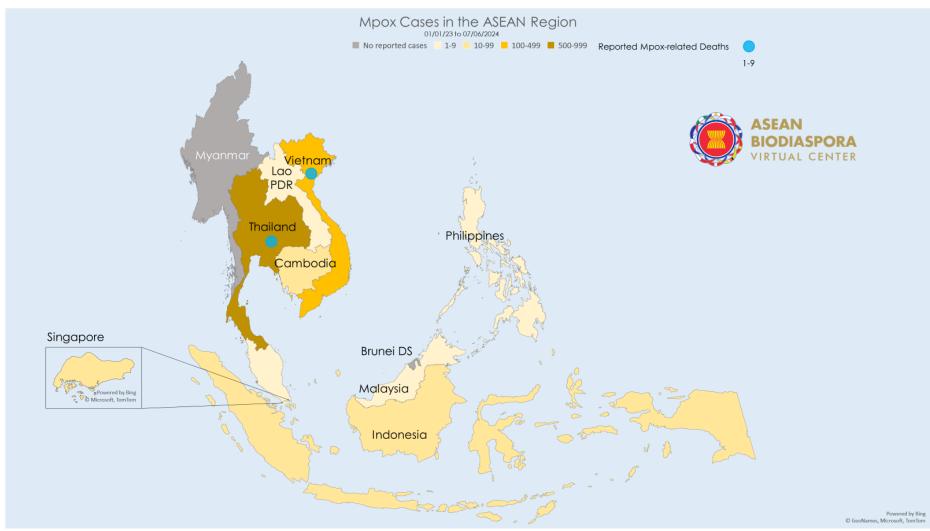
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Mpox Cases Reported in the ASEAN Region

January 1, 2023 – July 6, 2024



Source:

- Ministry of Health Republic of Indonesia
- EBS Bluedot (Accessed on July 9, 2024)
- 3. Ministry of Health Singapore, accessed July 9, 2024, https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin

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Mpox: Highlights and Situation Overview

- From 1 January 2023 to 6 July 2024, **14,815** confirmed cases worldwide since 2023, including **151** deaths. Globally, the CFR was **1.02%**.
- 1134 confirmed cases including 18 deaths in the ASEAN region, with a CFR of 1.59%.
- 13,681 confirmed cases of mpox have been reported in other regions (other than the ASEAN region):

Mpox cases in the ASEAN region (Jan. 1, 2023 to Jul. 6, 2024)

ASEAN Total	1,134	0	18	1.59%
Vietnam ¹	191	0	8	4.19%
Thailand ¹	783	0	10	1.28%
Singapore ³	41	0	0	0.00%
Philippines ¹	5	0	0	0.00%
Malaysia ¹	9	0	0	0.00%
Lao PDR¹	1	0	0	0.00%
Indonesia ²	88	0	0	0.00%
Cambodia ¹	13	0	0	0.00%
ASEAN Member States	Cumulative Cases 2023-2024	New Cases Since Previous Report	Cumulative Deaths 2023- 2024	CFR

Source:

Top 5 countries with the most mpox cases globally (Jan. 1, 2023 to Jul. 6, 2024)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
United States of America	2,875	215	9	0.34%
People's Republic of China	2,402	49	1	0.04%
Democratic Republic of Congo	1,926	203	10	0.52%
Thailand	783	21	10	1.28%
Brazil	701	0	2	0.29%

Source: Edouard Mathieu, Fiona Spooner, Saloni Dattani, Hannah Ritchie and Max Roser (2022) - "Mpox (monkeypox)". Published online at OurWorldInData.org. Retrieved from: 'https://ourworldindata.org/monkeypox' [Online Resource]

Mpox cases per region (Jan. 1, 2023 to Jul. 6, 2024)

REGIONS	CUMULATIVE CASES	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR	
AFRICA	CA 2,184		19	0.87%	
AMERICAS	icas 5,733		89	1.55%	
ASEAN	AN 1,134		18	1.59%	
ASIA & OCEANIA	4,090	162	20	0.49%	
EUROPE	ROPE 1,674		5	0.30%	
TOTAL	L 14,815		151	1.02%	

Source: Our World in Data, accessed on July 9, 2024 (https://ourworldindata.org/monkeypox)

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^{1.} B IBS Bluedot (Accessed on July 9, 2024)

Ministry of Health Republic of Indonesia

^{3.} Ministry of Health Singapore, accessed July 9, 2024, https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulleting



Media Monitoring for Emerging Diseases

Epidemiological Week 27 | June 30 - July 06, 2024

Global Situation for Emerging Diseases

COVID-19

- **Bangladesh** reported 21 more COVID-19 cases in the last 24 hours, increasing its total caseload to 2,051,075 (Daily Bangladesh, 2024). The total number of recoveries was 2,018,550, while the official death toll remains at 29,498. The daily case test positivity rate was 4.4%. [Full article]
- Taiwan: The Centers for Disease Control (CDC) reported 932 new COVID-19 cases with complications last week, the highest weekly level in 2024 (Yi-ning & Yang, 2024). Confirmed local cases between June 25 and July 1 rose 14% compared to the previous week with a slower increase compared to the previous two weeks. 64 new deaths were reported, marking a new high in the Omicron outbreak. Around 100,000 COVID-19- related visits to emergency and outpatient departments were made last week. Models predict that the pandemic will continue to rise, peaking at 120,000 in mid-July and then slowly declining. [Full article]
- The United States (US): The highly contagious variant, LB.1, now accounts for 17.5% of US cases in the two weeks ending June 22, with cases more than doubling since May (Lombardi, 2024). Experts believe LB.1 could surpass two offshoots of the Omicron variant, KP.3 and KP.2, which account for over half of COVID-19 infections in the US. CDC data shows increasing virus levels in wastewater samples. [Full article]

Mpox

• **Australia:** Victoria is urging eligible individuals to get vaccinated against mpox due to an increased risk of local transmission (Mirage News, 2024). 61 cases have been reported since April 2024, with most cases acquired in Australia. The virus can start with flu-like symptoms and can persist up to 21 days after exposure. The current outbreak is primarily affecting gay, bisexual, and other men who have sex with men. Vaccination is the best defense against mpox. Additional preventive measures include avoiding contact with infected people, limiting sexual partners, and maintaining good hygiene. [Full article]

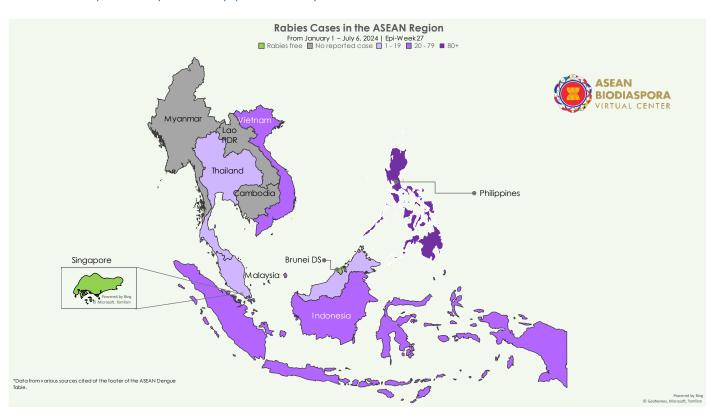
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ZOONOSIS

Rabies Cases in the ASEAN Region

From January 1 to July 6, 2024 (Epi-Week 27)



Rabies cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Rabies Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Brunei Darussalam		Ro	abies-free country		
Cambodia	-	-	-	-	-
Indonesia ¹	Week 21	37	-	37	100%
Lao PDR	-	-	-	-	
Malaysia ²	Week 24	79	-	79	100%
Myanmar	-	-	-	-	
Philippines ²	Week 22	169	-	169	100%
Singapore		F	Rabies-free countr	У	
Thailand ³	hailand³ Week 24		0	0	100%
Vietnam²	Week 24	44	-	44	100%
Total		329	0	329	100%

- Ministry of Health, Republic of Indonesia Bluedot Platform, accessed July 9, 2024 (https://portal.bluedot.global/)
- Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed July 9, 2024 (http://doe.moph.go.th/surdata/index.php)

The ASEAN region reported NO new rabies cases since the previous report. The region reported 329 total cases with 100% CFR.



Media Monitoring for Zoonosis

Epidemiological Week 27 | June 30 - July 06, 2024

Global Situation for Zoonosis

Avian Influenza

The United States (US) officials reported the fourth human case of bird flu linked to the current outbreak in dairy cattle (Phys.org, 2024). The person worked on a farm and was exposed to infected cows. While the risk to the general population remains low, experts are concerned about the growing number of mammals contracting the disease, fearing that high circulation could facilitate a mutation. The disease has also been found in farm-raised alpacas. [Full article]

Regional Situation for Zoonosis

Rabies

• Indonesia: West Kalimantan Province Plantation and Livestock Office reported five deaths due to rabid animal bites from January to June 2024 (Elgiants, 2024). From January to June, 3,075 cases were reported, mainly from pet dogs. In 2023, the rate reached 6,970 cases, resulting in 16 deaths. Public awareness of rabies vaccines is low, and understanding in handling bite cases is considered trivial. Socialization of rabies case control continues with 15,000 doses of vaccine distributed to 14 districts and cities. [Full article]

Other cases in Berembeng Village, Selemadeg Sub-district, Tabanan District, three residents were bitten by a stray dog, confirming their positive rabies status (Mendala, 2024). The dog was eliminated and buried without any specimen collected to test for rabies. However, the veterinarian confirmed the symptoms. The residents received further treatment at the hospital. Further examinations and vaccinations were carried out. The head of the village has requested mass vaccination of dogs and other rabies reservoir animals. Stray dogs that had contact with the rabid dog were also treated. [Full article]

Vietnam: A 67-year-old man from Ba Na, residing in Klek village, Krong commune, Kbang district, died from rabies after being bitten by a loose dog (Baotuoitre, 2024). The patient had not been vaccinated nor receiving anti-rabies serum. He developed symptoms such as fever, vomiting, fear of water, fear of wind, fatigue, and poor appetite. The Gia Lai Provincial Center for Disease Control requested the Krong Commune Health Station to review rabies cases and coordinate with commune veterinary medicine to deploy epidemic prevention and control activities. Since the beginning of the year, Gia Lai province has had three people die from rabid dog bites. [Full article]

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VECTOR-BORNE DISEASES

Dengue Cases in the ASEAN Region

From January 1 to July 6, 2024 (Epi-Week 27)



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	-	-	-	-	-	-
Cambodia ¹	Week 24	6,280	-	23	-	0.37%
Indonesia ^{2*}	Week 21	109,597	-	720	-	0.66%
Lao PDR ¹	Week 24	3,897	-	0	-	0.00%
Malaysia ³	Week 24	70,037	-	53	-	0.08%
Myanmar	Week 27	1,309	-	3	-	0.23%
Philippines ⁴	Week 27	77,867	2,455	205	4	0.26%
Singapore5**	Week 26	9,257	292	0	0	0.00%
Thailand ^{6***}	Week 25	41,429	3,147	37	0	0.09%
Vietnam ¹	Week 24	25,000	-	3	-	0.01%
Total		344,673	5,894	1,044	4	0.30%

- WHO WPRO, "Dengue," World Health Organization, accessed July 9, 2024 (https://www.who.int/westernpacific/emergencies/surveillance/dengue. Ministry of Health, Republic of Indonesia
- Disease Control Division, Ministry of Health Malaysia, accessed July 9, 2024. (https://www.moh.gov.my/index.php/database_stores/store_view/17)
- Bluedot Developer Portal, accessed July 9, 2024, (https://developer-portal.bluedot.global/).

 Ministry of Health. "Weekly Infectious Disease Bulletin", accessed July 9, 2024. (https://www.moh.gov.sg/resources-statistics/infectious-disease- Ministry of Health. "Weekly Infectious Dise statistics/2024/weekly-infectious-diseases-bulletin)
- 6. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed July 9, 2024, (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.
- *Notified dengue cases only includes severe cases Dengue Hemorrhagic fever (DHF) and Dengue Shock Syndrome (DSS)

**Notified dengue cases only includes Dengue Fever (DF) and DHF

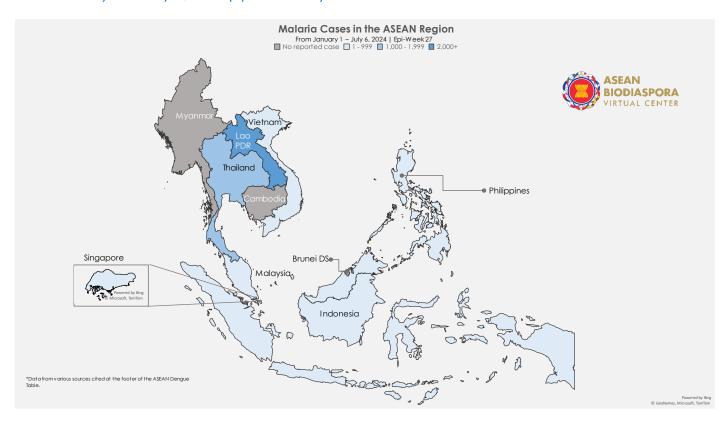
**Notified dengue cases include all type of cases DF, DHF, and DSS

The **ASEAN** region reported **5,894** new dengue cases since the previous report. The region reported 344,673 total cases with 0.30% CFR.



Malaria Cases in the ASEAN Region

From January 1 to July 6, 2024 (Epi-Week 27)



Malaria cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Malaria Cases	New Cases Since the	Cumulative Deaths	CFR
Brunei Darussalam			Previous Report		
brunei Darussalam		-	-		
Cambodia	-	-	-	-	-
Indonesia ¹	Week 14	754	-	7	0.93%
Lao PDR ²	Week 27	5,947	820	5	0.08%
Malaysia ¹	Week 10	2	-	0	0.00%
Myanmar ¹	-	-	-	-	-
Philippines ¹	Week 6	2	-	0	0.00%
Singapore ³	Week 26	10	0	0	0.00%
Thailand ⁴	Week 25	2,102	222	1	0.05%
Vietnam¹	Week 11	141	-	0	0.00%
Total		8,958	1,042	13	0.15%

- Bluedot Platform, accessed July 9, 2024 (https://portal.bluedot.global/)
 Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed July 9, 2024 (https://www.facebook.com/CCEH.MoH.Lao/)
- Ministry of Health Singapore, accessed July 9, 2024 (https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseas

The **ASEAN** region reported **1,042** new malaria cases since the previous report. The region reported 8,958 total cases with 0.15% CFR.



Media Monitoring for Vector-borne Diseases

Epidemiological Week 27 | June 30 - July 06, 2024

Global Situation for Vector-borne Diseases

Dengue

- **Bangladesh:** On July 04-05, 32 people have been infected with dengue fever, with no deaths reported (Staff Reporter, 2024). The Health Emergency Operation Center and Control Room reported that 46 patients have been discharged from hospitals in the past 24 hours. From January 1 to December 31, 2023, there were a total of 1,705 deaths due to dengue and 321,179 hospitalizations. As of July 4, 2023, there have been 3,844 dengue cases and 46 dengue-related deaths this year. [Full article]
- **India:** Dengue cases in Hassan District have reached 213 this year, with two deaths confirmed (Bureau, T.H., 2024). The district health officer confirmed the deaths and has implemented measures to prevent disease spread. [Full article]
- Iran: Dengue fever is at risk of becoming an epidemic in Iran, according to the Director of the Center for Infectious Diseases Management at the Ministry of Health of Iran (Bagĭsov, 2024). The Aedes mosquito, found in countries like the UAE, is carrying the disease. Since April 20, the number of dengue fever cases in Iran has reached 138, majority came from the UAE, Pakistan, Iraq, and other countries. There have been 7 cases of transmission within the country. [Full article]
- **Pakistan:** Five individuals, including four children, have been diagnosed with dengue in Peshawar, an Afghan refugee community (Correspondent, 2024). The outbreak was caused by a water shortage during the heatwave, which led to residents storing water, which became a breeding ground for dengue larvae. Authorities have conducted fogging and indoor residual spraying to control the spread of the disease. The Additional Deputy Commissioner directed the source of the outbreak to be identified and the area made safe by eradicating larvae. He also urged intensifying anti-dengue operations. [Full article]
- The United States (US): Massachusetts has reported 50 cases of dengue fever this year, with Worcester County having between one and four cases (Worcester, 2024). The CDC issued a health advisory highlighting an increased risk of the illness in the US, with over double the cases reported compared to 2023. Worcester's Hometown Services recommend eliminating standing water, wearing repellent, and wearing long sleeves to prevent mosquito bites. [Full article]

Malaria

• India: Health authorities in Assam's Kokrajhar district have increased efforts to combat malaria, particularly during the monsoon season (Digital Desk, 2024). 138 cases have been detected this year, including a single dengue case, with no fatalities recorded. The increase in cases is largely due to improved diagnosis efforts. Affected areas include Balajan, Dotma, Kachugaon, Gosaigaon, Ultapani, and the vicinities of Kokrajhar town. The Director of Health Services mentioned that the cases are concentrated in Balajan Primary Health Centre (PHC), Dotoma PHC and some parts of Kasugaon. [Full article]

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Zika

• India: Pune has confirmed six new cases of the Zika virus, including two pregnant women (Pti, 2024). The virus, originating in Uganda, is spread through Aedes mosquito bites and is particularly dangerous for pregnant women. The Pune Municipal Corporation has implemented aggressive mosquito control measures, including fogging and fumigation, to manage the outbreak. [Full article]

Regional Situation for Vector-borne Diseases

Dengue

- Indonesia: Semarang City Health Office has reported a doubled number of dengue hemorrhagic fever (DHF) cases compared to 2023, with 231 cases and 3 deaths in June 2024 (Wiranto, B., 2024). The city's high mobilization and population density make it vulnerable to climate change's impact on infectious diseases like Dengue Fever, Chikungunya, and respiratory illnesses. Rapid DHF tests are now available at all Community Health Centers in Semarang City. [Full article]
 - In South Tangerang City, DHF cases have surged by over 130% from last year, reaching over 600 cases as of June 2024 (Hambali, 2024). The Mayor highlighted ongoing efforts, including the introduction of *Wolbachia*-infected mosquitoes to combat the disease, although results are pending. [Full article]
- Malaysia: Dengue fever cases in Malaysia decreased to 2,438 during the 25th Epidemiological Week (ME25) from June 16 to 22, compared to 2,900 the previous week (Malay Mail, 2024). Two deaths from complications were reported. 81 hotspots were identified with a cumulative number of cases of 72,475 with 55 deaths compared to 56,721 with 39 fatalities in 2023. [Full article]
- **Philippines** recorded 205 deaths related to dengue fever from January 1 to June 15, with 77,867 cases detected across the Southeast Asian country, a 15% year-on-year surge (VietnamPlus, 2024). Secretary of Health urged local governments to take action in destroying mosquito breeding grounds. The disease peaks at the start of the rainy season, particularly due to changing weather and contaminated water. [Full article]
- **Vietnam:** Hanoi has recorded 84 cases of dengue fever. The city recorded 940 cases and 0 deaths from the beginning of 2024 to present (Ha, 2024). The CDC has organized monitoring of two active outbreaks in Dong Da and Dan Phuong, and coordinating with units to organize surveillance at 8 old dengue outbreaks in 2023. The hot and rainy weather conditions are favorable for the development of mosquitoes and disease-transmitting larvae. [Full article]

Leptospirosis

Philippines: The Department of Health (DOH) is warning the public about leptospirosis, a deadly disease that has caused 878 cases and 84 deaths from January 1 to June 15, 2024 (Pang-Masa, 2024). The disease is primarily caused by children who often paddle in floods, and is primarily transmitted by rats and other animals. Symptoms include fever, body chills, leg, muscle, and joint pain, red eyes, jaundice, headache, and tea-colored urine. To combat leptospirosis, citizens should maintain cleanliness in the environment and homes, including proper garbage disposal. The DOH should also launch a campaign to raise awareness and teach the public how to avoid the disease. [Full article]

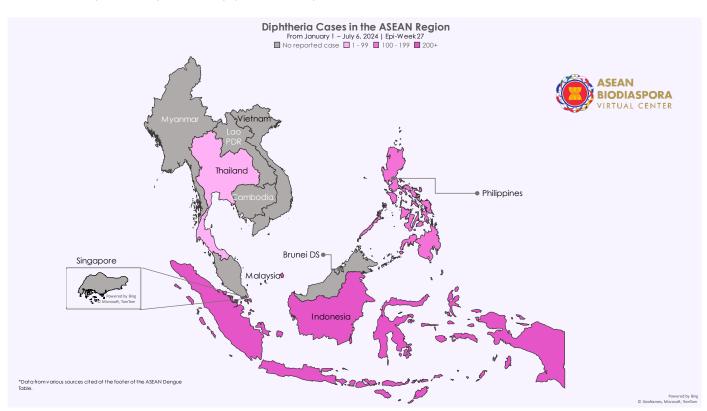
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VACCINE-PREVENTABLE DISEASES

Diphtheria Cases in the ASEAN Region

From January 1 to July 6, 2024 (Epi-Week 27)



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 23	308	-	16	5.19%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar	-	-	-	-	-
Philippines ²	Week 22	110	-	0	0%
Singapore ³	Week 26	0	0	0	0%
Thailand ⁴	Week 25	1	0	1	100%
Vietnam⁵	-	-	-	-	-
Total		419	0	17	4.06%

Ministry of Health, Republic of Indonesia.

BlueDot Platform, accessed July 9, 2024 (https://developer-portal.bluedot.global/)

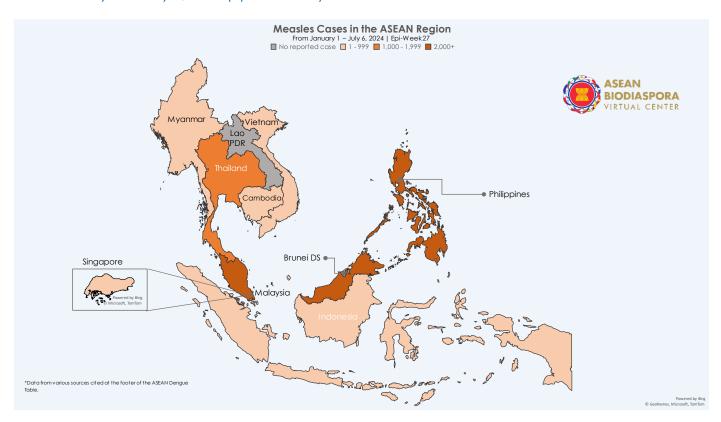
The ASEAN region reported NO new diphtheria cases since the previous report. The region reported 419 total cases with 4.06% CFR.

Ministry of Health Singapore, accessed July 9, 2024 (https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin)
Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed July 9, 2024 (http://doe.moph.go.th/surdata/index.php)



Measles Cases in the ASEAN Region

From January 1 to July 6, 2024 (Epi-Week 27)



Measles cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Measles Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia ¹	Week 18	4	-	0	0%
Indonesia ²	Week 23	933	-	0	0%
Lao PDR	-	-	-	-	-
Malaysia ¹	Week 24	2,008	-	0	0%
Myanmar ¹	Week 22	19	-	0	0%
Philippines ³	Week 24	2,655	-	3	0.11%
Singapore ⁴	Week 26	8	0	0	0%
Thailand ⁵	Week 25	1,177	89	0	0%
Vietnam³	Week 26	106	-	0	0%
Total		6,910	89	3	0.04%

- Provisional Measles and Rubella Data, World Health Organization, accessed July 9, 2024 (https://immunizationdata.who.int/global?topic=Provisional-measles-and-
- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed July 9, 2024 (https://developer-portal.bluedot.global/)

 Ministry of Health Singapore, accessed July 9, 2024, (https://developer-portal.bluedot.global/)

 Ministry of Health Singapore, accessed July 9, 2024, (https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin)

 Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed July 9, 2024 (https://doe.moph.go.th/surdata/index.php)

The ASEAN region reported 89 new measles cases since the previous report. The region reported 6,910 total cases with 0.04% CFR.



Media Monitoring for Vaccine-Preventable Diseases

Epidemiological Week 27 | June 30 - July 06, 2024

Global Situation for Vaccine-Preventable Diseases

Diphteria

• India: Four 10-year-old children in Koraput, India, were rushed to Saheed Laxman Nayak Medical College and Hospital (SLNMCH) after showing signs of diphtheria (Odisha, 2024). The children were surveyed during an ongoing health awareness programme by the Health and Social Welfare department in Narayanpatna and Bandhugaon blocks of Koraput district. The children were placed in isolation rooms and their swabs sent to public health laboratories for testing. The Koraput health administration is also preparing to re-vaccinate children in vulnerable areas. [Full article]

Measles

- Russia: 20 measles cases have been registered in the Pskov region since the start of the year, with 70% of cases being unvaccinated children (PSKOV, 2024). The outbreaks were stopped by Rospotrebnadzor Administration employees. The most effective means of prevention is vaccination, with vaccines registered in Russia meeting WHO requirements. Vaccination is carried out according to the National Immunization Schedule. [Full article]
- The **United Kingdom (UK):** The Health Protection Surveillance Centre (HPSC) has confirmed 68 measles cases in Ireland this year, with 17 more under investigation (Pepper, 2024). The majority of cases (65) are in people aged 34 or younger, with two cases in children under 12 months. Ten outbreaks have also been reported, with two to 13 cases each. Doctors recommend an additional measles, mumps, and rubella (MMR) vaccine for young infants aged six to 11 months before traveling abroad. [Full article]
- The United States (US): Seattle & King County has confirmed a measles infection in an adult who could have exposed others to the disease (Mapes, 2024). The sickened person was in multiple locations in Bellevue, Seattle, and Woodinville between June 27 and July 2, posing a public health risk. Two doses of MMR vaccine provide about 97% protection that lasts lifelong. Vaccination is recommended for optimal protection, given widespread immunity through vaccination in the region. [Full article]

Pertussis

- Canada: The North Bay Parry Sound District Health Unit has declared a local whooping cough outbreak, with 16 cases reported since January 2024 (MacDonald, 2024). This is an increase from the previous five years, with an average of only 3.8 cases per year. Symptoms include sneezing, a runny nose, low fever, and a mild cough that worsens over two weeks, often ending in a 'whooping' sound. The health unit advises people experiencing a new or worsening cough to avoid contact with high-risk individuals. [Full article]
- **France:** The resurgence of whooping cough in France has caused at least 17 deaths, including 13 infants, and 80 hospitalizations since January (Kattou, 2024). The disease, which is extremely contagious, is causing concern for authorities as the Olympic Games approach. The virus has been detected in 70 cases between January and March. The first victims are children, with 13 infants under two months old among the 17 deaths. The disease is difficult to get rid of, and vaccination is the best way to combat it. Vaccines are offered to children, pregnant women, and adults. [Full article]

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- **Greece:** The Health Ministry in Greece is urging pregnant women to get vaccinated against whooping cough due to an alarming outbreak (Bouloutza, 2024). From the beginning of the year until mid-June, 264 cases of the disease were recorded, with 58% affecting children and adolescents under 18. The surge is attributed to delayed immunization of certain age groups and reduced pathogen circulation during the COVID-19 pandemic. Infants under 6 months old are at the greatest risk of severe disease and complications, with a mortality rate of 2%. [Full article]
- The **United States (US):** Pertussis, or whooping cough, has spread throughout Brookline, resulting in 19 confirmed cases (Cristantiello, 2024). Despite the current low public health risk, it's crucial to inform the community, especially with the school year ending. [Full article]

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Media Monitoring for Other Diseases

Epidemiological Week 27 | June 30 - July 06, 2024

Regional Situation for Other Diseases

Hand, Foot, and Mouth Disease

• **Vietnam:** Hanoi has recorded 30 cases of hand, foot, and mouth disease, a decrease of 17 cases compared to the previous week (Ha, 2024). Last week, the city recorded 30 cases of hand, foot, and mouth disease with no deaths, down 17 cases compared to the previous week when 47 cases were reported with no fatalities. Cumulatively, there were 1,595 cases and zero death reported in 2024, an increase compared to the same period in 2023. No outbreak was recorded during the week. So far in 2024, there have been 39 outbreaks reported. The city has organized 44 environmental sanitation campaigns and epidemic prevention checks in over 120,331 households and 1,779 other areas. [Full article]

Typhoid

• Malaysia: Three food handlers were suspected of causing a typhoid outbreak at a secondary school in Malaysia (Abdullah, 2024). They were sent for treatment and prohibited from handling food until further notice. Six students contracted the disease, and two were discharged from the hospital. A total of 35 suspected cases have been referred for investigation and treatment. All students and teachers will undergo screening tests by Kota Baru district health office officers. [Full article]

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Annex 1. Infectious Diseases in the ASEAN Region – Summary Table

Epidemiological Week 27 | From January 1 to July 6, 2024

Infectious	Infectious COVID-19			Мрох			Rabies	i		Dengue		
Diseases	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	82,279	77	0.10%	-	-	-	Ral	oies-free C	Country	-	-	1
Cambodia	824	0	0%	13	0	0%	-	=	-	6,280	23	0.37%
Indonesia	117,730	1,453	1.26%	88	0	0%	37	37	100%	109,597	720	0.66%
Lao PDR	1,470	87	6.55%	1	0	0%	-	-	-	3,897	0	0%
Malaysia	275,137	494	0.20%	9	0	0%	79	79	100%	70,037	53	0.07%
Myanmar	9,104	5	0.06%	-	-	-	-	-	-	1,039	3	0.23%
Philippines	141,371	1,467	1.04%	5	0	0%	169	169	100%	77,867	205	0.26%
Singapore	819,481	313	0.04%	41	0	0%	Rabi	es-free Co	ountry	9,257	0	0%
Thailand	71,504	1,011	2.15%	783	10	0.13%	0	0	0%	41,429	37	0.09%
Vietnam	101,828	20	0.02%	191	8	4.19%	44	44	100%	25,000	3	0.01%
ASEAN Region	1,620,728	4,927	0.32%	1,134	18	0.81%	329	329	100%	344,673	1,044	0.30%

Infectious		Malaria			Measles			Diphtheria			
Diseases	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR		
Brunei Darussalam	-	-	-	-	-	-	-	-	-		
Cambodia	-	-	=	4	0	0%	-	-	-		
Indonesia	754	7	0.93%	933	0	0%	308	16	5,19%		
Lao PDR	5,947	5	0.08%	-	-	-	-	-	-		
Malaysia	2	0	0%	2,008	0	0%	-	-	-		
Myanmar	-	-	-	19	0	0%	=	-	-		
Philippines	2	0	0%	2,655	3	0.11%	110	0	0%		
Singapore	10	0	0%	8	0	0%	0	0	0%		
Thailand	2,102	1	0.05%	1,177	0	0%	2	1	50%		
Vietnam	141	0	0%	106	0	0%	=	-	-		
ASEAN Region	8,958	13	0,15%	6,910	3	0.04%	420	17	4.05%		

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