



## Current Infectious Disease Outbreaks for New York City Providers January 15, 2025

Remember to take travel histories for consideration of diseases not endemic to New York City (NYC). An asterisk (\*) near the disease name denotes a disease that has been newly added since the previous outbreak list was posted.

Disease	Last Update	Cases	Confirmed	Deaths	Notes “-” = Not specified
<b>New York City</b>					
Nothing to report					
<b>United States</b>					
<i>Mycoplasma pneumoniae</i>	Oct 18	-	-	-	CDC reported an increase in cases of <i>Mycoplasma pneumoniae</i> diagnosed in emergency departments, especially in young children. <a href="#">Reference</a>
<b>Avian influenza A (H5N1)</b>	Jan 7	66	66	1	In 2025 as of January 7, a total of 66 confirmed human infections with avian influenza A (H5N1) have been reported in nine states (CA, CO, MO, MI, OR, TX, IA, OR WA). Forty, 23, and two cases had dairy cattle, poultry, or unknown exposure. One fatal case, infected with a clade circulating in migratory birds and who had co-morbidities, had exposure to a backyard flock. Most infections have been mild, including conjunctivitis and respiratory symptoms. <a href="#">Reference</a>
<b>Oropouche virus</b>	Jan 7	108	108	0	In 2024 as of December 31, a total of 108 imported cases of Oropouche virus cases have been reported by CDC in six states and territories, including two with neuroinvasive disease. All have been in persons who traveled to <b>Cuba</b> . Oropouche virus has been linked to fetal loss and birth defects, and it has been associated with Guillian Barré syndrome. It is difficult to distinguish from

					dengue, Zika, and chikungunya infection, and it is circulating in areas where dengue is endemic. Clinicians have been advised to rule out dengue infection before pursuing an Oropouche diagnosis. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>Measles</b>	Dec 19	284	284	0	In 2024 as of December 19, a total of 284 measles cases, including 114 hospitalizations, and 16 outbreaks have been reported from 32 jurisdictions, including NYC. Forty-two percent, 31%, and 27% have been aged <5 years, 5 to 19 years, and ≥20 years, respectively. Eighty-nine percent have been unvaccinated or of unknown vaccination status. <a href="#">Reference</a>
<b>Dengue</b>	Dec 28	9,255	6,849	-	In 2024 as of December 28, the continental United States and territories have reported 9,255 cases of dengue; most are associated with travel to affected areas (Caribbean, Central America, South America). Of the locally-acquired cases, 5,835 and 195 cases are from Puerto Rico and US Virgin Islands, respectively, with a smaller number from Florida and CA. <a href="#">Reference</a>
<b>Pertussis</b>	Dec 7	30,258	30,258	-	In 2024 as December 7, a total of 30,258 pertussis cases have been reported in the US. This compares with 6,161 cases reported by the same time in 2023. In NYC, 901 cases have been reported in 2024, compared with 390 by the same time in 2023. <a href="#">Reference</a>

### Caribbean, Central America, and South America

<b>Dengue</b>	Dec 28	>12,950,000	>6,850,000	8,132	In 2024, PAHO reports exponential increase in dengue cases in Region of Americas, where 80% of global cases are being reported, including <b>Argentina</b> (581,559), <b>Barbados</b> (1,117), <b>Belize</b> (1,148), <b>Bolivia</b> (50,439), <b>Brazil</b> (10,188,219), <b>Chile</b> (157), <b>Colombia</b> (320,982), <b>Costa Rica</b> (30,389), <b>Cuba</b> (985), <b>Dominican Republic</b> (10,251), <b>Ecuador</b> (61,389), <b>El Salvador</b> (8,031), <b>French Guiana</b> (16,141), <b>Grenada</b> (798), <b>Guadeloupe</b> (11,025), <b>Guatemala</b> (184,501), <b>Guyana</b> (44,028), <b>Honduras</b> (177,209), <b>Saint Martin</b> (624), <b>Jamaica</b> (2,034), <b>Martinique</b> (7,371), <b>Mexico</b> (558,846), <b>Nicaragua</b> (92,022), <b>Panama</b> (34,367), <b>Paraguay</b> (295,785), <b>Peru</b> (280,726), <b>Puerto Rico</b> (5,708), <b>Saint</b>
---------------	--------	-------------	------------	-------	--

					<b>Barthélemy (173), Suriname (95), Trinidad and Tobago (2,004), Uruguay (701), US Virgin Islands (185).</b> <a href="#">Reference</a>
<b>Measles</b>	Dec 28	>17,800	411	–	In 2024 as of December 28, suspected measles cases have been reported in <b>Argentina (485), Bolivia (423), Brazil (2,683), Chile (169), Columbia (1,472), Costa Rica (72), Cuba (1,689), Dominican Republic (235), Ecuador (684), El Salvador (1,388), Guatemala (206), Haiti (121), Honduras (669), Mexico (3,433), Nicaragua (170), Panama (121), Paraguay (1,198), Peru (570), and Venezuela (1,833).</b> Laboratory confirmation has been infrequent. Decreased childhood vaccinations during the COVID-19 pandemic is thought to have contributed to increased cases of measles. <a href="#">Reference</a>
<b>Chikungunya</b>	Dec 28	>425,000	>227,000	236	In 2024 as of December 28, chikungunya has been reported in <b>Argentina (768), Belize (36), Bolivia (505), Brazil (420,139), Colombia (70) Paraguay (3,134), Peru (78),</b> and to a lesser extent, in other Central and South American countries. <a href="#">Reference</a>
<b>Oropouche Virus</b>	Dec 9	13,014	13,014	2	In 2024 as of December 9, cases of Oropouche virus (OROV) have been reported in <b>Barbados (2), Brazil (10,940), Bolivia (356), Columbia (74), Cuba (603), Peru (936), Ecuador (3), French Guiana, Guyana (2), Panama (1), Trinidad, and Tobago.</b> Clinically, it presents similarly to dengue, with high fever, headache with photophobia, myalgia, arthralgia, and, in some cases, rash. Fetal loss, birth defects and Guillian Barré syndrome have been reported after infection with OROV. Cases have been increasing since mid-October. <a href="#">Reference 1</a> <a href="#">Reference 2</a> <a href="#">Reference 3</a>
<b>Zika</b>	Dec 21	>40,700	2,034	1	It is likely that Zika virus is circulating in the Caribbean, Central America, and South America. However, official reporting to PAHO has been limited. In 2024 as of November 23, Zika has been reported in <b>Argentina (550), Brazil (40,891), Colombia (117), and Bolivia (267).</b> Central American countries have reported only dozens of Zika cases. <a href="#">Reference</a>

Bolivia					
Oopouchawa virus	Nov 30	356	356	0	In 2024 as of November 30, a total of 356 Oropouche virus infections have been reported in three departments: <b>La Paz, Beni, and Pando</b> . <a href="#">Reference</a>
Brazil					
Dengue	Nov 30	10,188,219	5,850,935	6,052	There has been a surge in dengue cases in Brazil in 2024. As of November 30, a total of 10,118,219 dengue cases have been reported. Public health emergencies have been declared in <b>Acre, Minas Gerais, Goiás, and the Federal District</b> . Cases in Brazil in 2024 have exceeded all cases in 2023. <a href="#">Reference</a>
Oropouche Virus	Dec 9	10,940	10,940	2	In 2024 as of December 9, a total of 10,940 cases of Oropouche virus (OROV) infection have been confirmed in Brazil. Most of the cases detected were in the northern states of Brazil. The Amazon region is considered endemic and accounts for 53% of the cases, but autochthonous transmission also has been identified in these states: <b>Bahia (890), Espírito Santo (3,112), Piauí (30), Santa Catarina (179), Pernambuco (145), Minas Gerais (195), Rio de Janeiro (118), Ceará (255), Alagoras (120), Sergipe (34), Maranhão (33), Paraíba (5), and Mato Grosso (18)</b> . CDC has released a Level 2 Travel Notice for the state of <b>Espírito Santo</b> , where OROV cases are currently surging. PAHO recommends considering OROV infection when dengue fever is suspected in areas where OROV is circulating. OROV has been associated with fetal loss, birth defects, and Guillian Barré syndrome. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
Cuba					
Oropouche virus	Nov 30	603	603	0	In 2024 as of September 28, a total of 555 infections with Oropouche virus have been reported in Cuba. The provinces of <b>Havana (170), Santiago de Cuba (74), Pinar del Rio (41), and Cienfuegos (36)</b> have accounted for 58% of confirmed cases. Guillian Barré syndrome has been diagnosed in three patients. <a href="#">Reference</a>

Mexico					
<b>Rocky Mountain spotted fever</b>	Nov 29	6	6	4 (67%)	Six cases of Rocky Mountain spotted fever (RMSF) were diagnosed in recent travelers from northern Mexico (Tecate); four died. All had contact with dogs and/or dog ticks. <a href="#">Reference</a>
Peru					
<b>Oropouchue virus</b>	Oct 5	936	936	0	In 2024 as of October 5, a total of 936 Oropouchue infections have been reported by Peru. The following departments have reported cases: <b>Loreto</b> (466), <b>Madre de Dios</b> (312), <b>Ucayali</b> (138), <b>Huanuco</b> (15), <b>Junin</b> (2), <b>Tumbes</b> (1), <b>San Martin</b> (1), and <b>Puno</b> (1). <a href="#">Reference</a>
Puerto Rico					
<b>Melioidosis</b>	Nov (?)	6	6	4	The Puerto Rico Department of Health reported 6 cases of melioidosis, including four deaths, from the end of July to the beginning of November 2024. Four cases were in the Caguas region and one each in Fajardo and the Metropolitan Regions. <a href="#">Reference</a>
<b>Dengue</b>	Dec 28	5,835	5,835	-	As of December 31, a total of 5,835 cases of dengue were reported in Puerto Rico in 2024. Cases peaked in October. There is concern that the large case counts portend for a large outbreak in 2025. <a href="#">Reference</a>
Europe					
<b><i>Mycoplasma pneumoniae</i></b>	Nov 23	-	-	-	Multiple European countries have reported increases in respiratory disease due to <i>Mycoplasma pneumoniae</i> . As of November 23, 2024, epidemic levels have been reported in Denmark, Norway, and Sweden by official sources. Also, news media have reported increases in Austria, Bulgaria, Czechia, Italy, Germany, and Slovenia.
<b>Measles</b>	Dec 9	>70,000	-	-	In 2024 as of December 9, a total of >70,000 measles cases have been reported in Europe. Most cases were reported from <b>Romania</b> (19,785), <b>Russia</b> (21,249), <b>United Kingdom</b> (2,756), and <b>Bosnia and Herzegovina</b> (7,228). Cases also have been reported in <b>Austria</b> (509), <b>Azerbaijan</b> (16,685), <b>Bulgaria</b> (27), <b>Belgium</b> (275), <b>Czechia</b> (33), <b>Germany</b> (636), <b>Hungary</b> (31), <b>France</b> (300), <b>Ireland</b> (187), <b>Italy</b> (864), <b>Lithuania</b> (30), <b>Netherlands</b> (167), <b>Norway</b> (11), <b>Poland</b> (268), <b>Serbia</b> (255),

					<b>Spain (181), Sweden (37), and Switzerland (99).</b> <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>Romania</b>					
<b>Measles</b>	Aug 4	19,785	15,341	18	In 2024 as of August 4, a total of 19,785 measles cases were reported in Romania, including 18 deaths. (Note: More recent numbers unavailable.) The cases have been reported in <b>all 41 counties</b> and the <b>Municipality of Bucharest.</b> <a href="#">Reference</a>
<b>Russia</b>					
<b>Measles</b>	Dec 11	21,249	-	-	In 2024 as of December 11, the Russian Federation has reported 21,249 measles cases. <a href="#">Reference</a>
<b>United Kingdom</b>					
<b>Measles</b>	Dec 11	2,756	-	-	In 2024 as of December 11, a total of 2,756 measles cases were reported in the United Kingdom, most of which were from England. <a href="#">Reference</a>
<b>Arabian Peninsula and Middle East</b>					
<b>Measles</b>	Dec 11	>52,000	–	–	In 2024 as of December 11, more than 52,000 measles cases have been reported in this region. The only countries reporting to WHO were <b>Iraq (32,839), Yemen (19,988), and the United Arab Emirates (830).</b> <a href="#">Reference</a>
<b>Saudia Arabia</b>					
<b>MERS-CoA</b>	Dec 31	5	5	4	In 2024 as of December 31, there have been five MERS-CoA cases; three in <b>Riyadh</b> and one in <b>Mecca</b> , and one in the <b>Eastern Province</b> . Four have died. There have been few cases in Saudi Arabia since 2020. <a href="#">Reference</a>
<b>Yemen</b>					
<b>Polio (cVDPV2)</b>	Dec 12	35	35	0	In 2024 as of December 12, there have been 35 cases of polio (cVDPV2) reported in Yemen, including in <b>Alhudaidah</b> and <b>Saadah</b> . In 2023, there were 8 cases of polio (cVDPV2) reported in Yemen. <a href="#">Reference</a>

## Asia

<b>Dengue</b>	Dec 8	>1,240,000	–	–	Dengue is endemic throughout Asia. In 2024 as of December 8, more than 1,240,000 dengue cases have been reported in <b>Bangladesh</b> (100,194), <b>Cambodia</b> (16,327), <b>China</b> (7,604), <b>India (Kerala and Karnataka)</b> (52,931), <b>Indonesia</b> (604,388), <b>Laos</b> (17,867), <b>Malaysia</b> (106,773), <b>Maldives</b> (3,089), <b>Nepal</b> (34,315), <b>Philippines</b> (195,603), <b>Singapore</b> (12,837), <b>Sri Lanka</b> (46,388), <b>Thailand</b> (102,927), and <b>Vietnam</b> (100,048). <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>Measles</b>	Dec 11	>115,000	–	–	In 2024 as of December 11, a total of >115,000 measles cases were reported in Asia, including <b>Pakistan</b> (23,596), <b>Afghanistan</b> (8,816), <b>India</b> (19,852), <b>Indonesia</b> (4,718), <b>Kazakhstan</b> , (27,967), <b>Kryrgyzstan</b> , (13,050), <b>Thailand</b> (7,507), <b>Sri Lanka</b> (296), <b>Nepal</b> (222), <b>Philippines</b> (3,686), <b>Malaysia</b> (3,574), <b>China</b> (939), <b>Vietnam</b> (852), <b>South Korea</b> (47), <b>Japan</b> (21), <b>Singapore</b> (7), and <b>Cambodia</b> (4). <a href="#">Reference</a>
<b>Cholera</b>	Nov 9	>240,000	-	-	In 2024 as of October 16, >285,000 cholera cases were reported, with the majority being in <b>Afghanistan</b> (160,794) and <b>Pakistan</b> (65,995). <b>Bangladesh</b> (278), <b>China</b> (10), <b>India</b> (8,519), <b>Myanmar</b> (6,052), and <b>Nepal</b> (95) also reported cases. <a href="#">Reference</a>
<b>Chikungunya</b>	Nov 30	>76,000	-	-	In 2024 as of November 30, cases of chikungunya have been reported in Asia, with most being in <b>India</b> (69,544) and <b>Pakistan</b> (5,726). Other countries reporting cases are <b>Thailand</b> (661), <b>Maldives</b> (389), <b>Timor Lest</b> (195), and <b>Malaysia</b> (80). <a href="#">Reference</a>
<b>Afghanistan</b>					
<b>Polio (WPV1)</b>	Dec 12	25	25	–	In 2024 as of December 31, there were 25 cases of polio (WPV1) diagnosed in Afghanistan. <a href="#">Reference</a>
<b>Bangladesh</b>					
<b>Dengue</b>	Dec 21	100,194	-	566 (0.5%)	In 2024 as of December 21, a total of 100,194 dengue cases were reported in Bangladesh. This is 33% of the total during the same time in 2023. <a href="#">Reference</a>
<b>India</b>					

<b>Dengue</b>	Dec 21	52,931	-	-	In 2024 as of December 21, a total of 52,931 dengue cases were reported in the states of <b>Karnataka</b> (32,557) and <b>Kerala</b> (20,374), Incidence has slowly declined since peaking in July and August. <a href="#">Reference</a>
<b>Chadipura Virus</b>	Aug 15	245	64	82 (33%)	Between early June and August 15, 2024, a total of 245 suspected Chadipura virus encephalitis were reported; 64 were confirmed. Eighty-two have died. Most have been in <b>Gujarat</b> and <b>Rajasthan</b> states. Most cases are younger than 15 years old. Sandflies are vectors of infection. <a href="#">Reference</a>
<b>Zika Virus</b>	Aug 27	113	-	-	An outbreak of Zika virus is taking place in <b>Maharashtra</b> state (Pune district). In 2024 as of August 27, there have been 113 cases reported, some of which were in pregnant women. On August 22, CDC posted a Level 2 Travel Alert, advising against travel to Maharashtra by pregnant people. <a href="#">Reference 1</a>
<b>Chikungunya</b>	Oct 31	12,587	12,587	-	In 2024 as of October 31, India has reported 12,587 cases of chikungunya, which is the highest number of confirmed cases in 6 years. Cases have occurred in <b>Andhra Pradesh, Maharashtra, Tamil Nadu, Telangana, Tripura</b> and <b>Uttarakh</b> . CDC posted a Level Two Travel Advisory cautioning travelers to use enhanced precautions to prevent mosquito exposure. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>Leptospirosis</b>	Dec 1	3,226	3,226	203 (6.3%)	As of December 1, public health authorities in <b>Kerala</b> state have reported 3,226 confirmed cases of leptospirosis, including 203 deaths, in 2024.
<b>Dengue</b>	Oct 13	604,388	-	1,210 (<1%)	In 2024, a total of 604,388 cases of dengue have been reported in Indonesia, including 1,210 deaths. <a href="#">Reference</a>
<b>Nepal</b>					
<b>Dengue</b>	Nov 30	34,315	-	13	In 2024 as of November 30, a total of 34,315 dengue cases have been reported in Nepal. Most cases have been in <b>Gandaki</b> and <b>Bagmati</b> provinces. Incidence has decreased since a peak in October. <a href="#">Reference</a>



Pakistan					
Polio (WPV1)	Jan 8	68	68	–	In 2024 as of December 31, a total of 68 human polio cases (WPV1) were reported in Pakistan. Recent cases have been reported in <b>Balochistan, Punjab, Islamabad, Sindh, Khyber Pakhtunkhwa</b> , and <b>Lakkimarwat</b> provinces. <a href="#">Reference</a>
Philippines					
Leptospirosis	Oct 5	5,835	5,835	509 (8.7%)	In 2024 as of October 5, a total of 5,835 leptospirosis cases were reported, including 509 deaths. Fourteen of the country's 18 regions have been affected. <a href="#">Reference</a>
Sri Lanka					
Dengue	Dec 8	46,388	–	–	In 2024 as of December 8, Sri Lanka has reported a total of 46,388 dengue cases. <a href="#">Reference</a>
Thailand					
Measles	Oct 2	6,222	3,255	6	An increasing number of measles case have been reported in Thailand. In 2024 as of December 11, a total of 6,222 suspected cases of measles were reported; 3,255 were lab-confirmed. Twenty-three of 77 provinces reported cases, with the southernmost province – <b>Pattani</b> – having the highest incidence. <a href="#">Reference</a>
Australia and Pacific					
Australia					
Dengue	Nov 13	2,006	2,006	–	In 2024 as of November 13, a total of 2006 dengue cases have been reported in Australia. <a href="#">Reference</a>
Africa					
Mpox	Dec 31	72,506	16,309	1,288 (1.8%)	Due to the spread of mpox clade Ib from the Democratic Republic of the Congo (DRC) to neighboring countries, WHO has declared a Public Health Emergency of International Concern (PHEIC). Mpox clade Ib has been confirmed in <b>Burundi, Rwanda, Uganda</b> , and <b>Kenya</b> , all bordering on the DRC. In 2024 as of December 31, a total of 72,506 suspected mpox cases were reported in Africa, including 16,309 confirmed cases and 1,288 deaths. Most confirmed cases were reported in the <b>DRC</b> (11,503), but also in <b>Burundi</b> (2,861), <b>Cameroon</b> (9), <b>Central African</b>

					<b>Republic (88), Congo (23), Côte d’Ivoire (107), Gabon (2), Ghana (5), Guinea (1), Liberia (63), Kenya (31), Nigeria (167), Rwanda (59), South Africa (25), Uganda (1,353), and Zambia (3).</b> <a href="#">Reference</a>
<b>Measles</b>	Dec 28	260,752	26,432	3,220 (1.2%)	Measles transmission has been epidemic throughout Africa for years. The following 2024 numbers as of December 28 are conservative, as measles surveillance is suboptimal across much of the continent: <b>Burkina Faso (10,639), Burundi (15,003), Cameroon (2,507), Central African Republic (4,550), Chad (8,712), Côte d’Ivoire (7,856), Congo (546), DRC (95,126), Ethiopia (28,421), Gabon (347), Ghana (1,398), Kenya (1,953), Liberia (2,891), Malawi (937), Mali (681), Mauritania (2,881), Morocco (20,435), Mozambique (1,183), Niger (2,226), Namibia (105) Nigeria (27,517), Senegal (484), Sierra Leone (67), Somalia (12,099), South Sudan (3,200), Sudan (777), Togo (628), Uganda (2,011), and Zambia (4,946).</b> <a href="#">Reference</a>
<b>Dengue</b>	Dec 28	176,816	30,465	136 (0.08%)	In 2024 as of December 28, a total of 176,816 suspected and 30,465 confirmed dengue cases have been reported in Africa. They were in <b>Burkina Faso (102,849), Cameroon (1), Cape Verde (43,597), Chad (983), Côte d’Ivoire (39), Ethiopia (3,463), Ghana (1,713), Kenya (88), La Reunion (1.209), Mali (9,541), Mauritius (9,166), Sao Tome and Principe (9), Senegal (902), Sudan (1,830), and Togo (2,205).</b> <a href="#">Reference</a>
<b>Cholera</b>	Dec 28	>235,000	30,583	3,747	Cholera exists at epidemic levels throughout Africa. In 2024 as of December 28, cases reported include <b>Burundi (2,216), Cameroon (287), Comoros (10,540), 43), DRC (30,373), Ethiopia (26,052), Ghana (5,653), Kenya (300), Malawi (476), Mozambique (8,486), Niger (273), Nigeria (10,837), Somalia (21,739), South Africa (150), South Sudan (13,858), Sudan (51,615), Tanzania (12,148), Togo (604), Uganda (58), Zambia (20,063), and Zimbabwe (19,646).</b> <a href="#">Reference</a>
<b>Polio (cVDPV 1 and cVDPD2)</b>	Dec 12	188	188	-	In 2024 as of December 12, ten cases of AFP caused by cVDPV1 have been reported from two countries: the <b>Democratic Republic of Congo (9) and Mozambique (1).</b> In 2024 as of December 12, a total of 122 cases of AFP

					caused by cVDPV2 were reported from 16 countries: <b>Angola (7), Benin (1), Cameroon (2), Chad (22), DRC (12), Ethiopia (14), Guinea (5), Liberia (1), Mali (1), Niger (14), Nigeria (86), Somalia (3), and South Sudan (9)</b> . <a href="#">Reference</a>
<b>Yellow fever</b>	Nov 30	1,138	41	7 (0.6%)	In 2024 as of November 30, a total of 590 suspect cases of yellow fever were reported in seven countries: <b>Central African Republic (390), Cameroon (8), Gabon (146), Guinea (2), Republic of Congo (452), South Sudan (139), and Uganda (1)</b> . <a href="#">Reference</a>
<b>Lassa fever</b>	Nov 30	10,398	1,118	188 (16.8%)	In 2024 as of November 30, a total of 10,398 suspect cases of Lassa fever were reported by three countries: <b>Guinea (27), Liberia (212), and Nigeria (10,159)</b> . <a href="#">Reference</a>
<b>Diphtheria</b>	Dec 28	23,157	11,202	599 (5.4%)	In 2024 as of November 30, a total of 23,040 suspected cases were reported in five countries: <b>Chad (2,625), Gabon (13), Guinea (2,869), Niger (746), and Nigeria (16,864)</b> . <a href="#">Reference</a>
<b>Angola</b>					
<b>Polio (cVDPV2)</b>	Dec 12	7	7	0	In 2024 as of December 12, a total of seven polio (cVDPV2) cases have been reported in Angola. They have occurred in the provinces of <b>Luanda, Huambo, Lunda Norte, and Mexico</b> . There were no cases of polio (cVDPV2) reported in Angola in 2023. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>Burkina Faso</b>					
<b>Dengue</b>	Dec 9	102,849	–	99 (0.1%)	There has been a protracted dengue outbreak in Burkina Faso since September 2023. In 2024 as of December 7, there have been 102,849 dengue cases reported, including 84 deaths. All 13 regions have been affected, but the <b>Center Region</b> has accounted for more than 50% of cases. <a href="#">Reference</a>
<b>Measles</b>	Dec 9	10,639	484	46 (0.5%)	In 2024 as of December 9, a total of 10,639 suspected measles cases have been reported in Burkina Faso. Recently, there has been a downward trend in cases. <a href="#">Reference</a>
<b>Burundi</b>					
<b>Mpox</b>	Dec 28	-	2,861	1	Burundi is experiencing an expanding number of mpox cases since the first case was reported in July 2024. In 2024 as December 28, there have been 2,861 confirmed cases. Cases have been reported in 43 of 49 health districts. The <b>Northern Bujumbura Zone</b> have

					reported 66% of cases. Children <15 years account for 39.5% of cases. Cases have been confirmed as clade Ib. This is the largest number of clade Ib cases reported outside of the DRC. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>Measles</b>	Dec 28	15,003	–	149 (1%)	In 2024 as of December 28, a total of 15,003 measles cases have been reported in Burundi. Twenty of the country's 49 provinces have been affected. <a href="#">Reference</a>
<b>Cameroon</b>					
<b>Measles</b>	Dec 28	2,507	283	69 (2.8%)	In 2024 as of December 28, a total of 2,507 cases of measles have been reported in Cameroon. Mostly affected Regions include Coastline, North, South, Center, Extreme North, and Northwest. <a href="#">Reference</a>
<b>Central African Republic</b>					
<b>Mpox</b>	Dec 9	462	85	3 (3.5%)	In 2024 as of December 9, a total of 462 suspected mpox cases were reported, including 85 confirmed. Recent cases have occurred in <b>Mbaïki, Kémbé, Ouango, Batangafo, and Gamboula</b> health districts. The outbreak predominantly has affected young people: 81% and 19% of confirmed cases aged <25 years and <5 years, respectively. Cases are due to clade Ia. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>Chad</b>					
<b>Polio (cVDPV2)</b>	Dec 31	29	29	–	In 2024 as of December 31, a total of 29 cases of polio (cVDPV2) have been reported in Chad, including in <b>N'Djamena, Batha, Guera, Ouaddai and Chari Baguirmi</b> provinces. There were 55 cases reported in 2023. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>*Diphtheria</b>	Dec 28	-	2,625	78 (3%)	In 2024, as of December 28, there have been 2,625 confirmed cases of diphtheria in Chad, including 78 deaths. <a href="#">Reference</a>
<b>Comoros and Mayotte</b>					
<b>Cholera</b>	Dec 28	10,540	–	152 (1.4%)	Since a cholera outbreak was declared on the island of <b>Comoros</b> on February 5, 2024 and as of December 28, a total 10,540 cases, including 152 deaths, have been reported. On March 18, 2024, the first of 220 cholera cases was reported on neighboring <b>Mayotte</b> . Incidence on both islands has decreased over the past few months. <a href="#">Reference</a>

Democratic Republic of Congo (DRC)					
<b>Measles</b>	Dec 9	95,126	–	2,178 (2.3%)	In 2024 as of October 23, a total of 95,126 measles cases have been reported in the DRC. All 26 provinces have reported measles outbreaks since the beginning of this year. This is a protracted outbreak that began in January 2023. <a href="#">Reference</a>
<b>Cholera</b>	Dec 28	30,373	-	415 (1.4%)	In 2024 as of December 28, a total of 30,373 cholera cases have been identified in the DRC. Fifteen of 26 provinces have been affected in this protracted outbreak that started in March 2022. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>Mpox</b>	Dec 15	43,862	9,513	1,138 (2.6%)	In 2024 as of November 3, the DRC has reported 40,816 cases of mpox, including 1,100 deaths (CFR 2.7%). High transmission has occurred in <b>Sud-Kivu, Sankuru, Equateur, Sud-Ubangi, Tshopo</b> provinces, and <b>Kinshasa</b> provinces. It is unclear how many of these cases are due to clades Ia or Ib; the focus of clade 1b transmission is Nord-Kivu and Sud-Kivu. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>Polio (cVDPV1, cVDPV2)</b>	Dec 31	23	23	0	In 2024 as of December 31, there have been nine cases of cVDPV1 and 14 cases of cVDPV2 diagnosed in the DRC. In 2023, there were 106 and 120 cases of cVDPV1 and cVDPV2 reported, respectively. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
Ethiopia					
<b>Malaria</b>	Oct 20	>7,300,000	>6,900,000	527	In 2024, Ethiopia is experiencing a malaria outbreak, predominately due to <i>P. falciparum</i> . A total of >7,300,000 cases were reported through October 20. Four regions account for 80% of cases: <b>Oromia, Amhara, Southwest, and South Ethiopia Regional State</b> . <a href="#">Reference</a>
<b>Measles</b>	Dec 9	28,421	–	220	In 2024 as of December 9, there have been 28,421 cases of measles reported in Ethiopia, including 220 deaths. At least 11 of 17 districts have been affected. This is a protracted outbreak that began in August 2021. <a href="#">Reference</a>
<b>Dengue</b>	Oct 23	3,463	-	0	In 2024 as of October 23, a total of 3,463 suspected cases of dengue were reported in Ethiopia. <a href="#">Reference</a>
<b>Polio (cVDPV2)</b>	Jul 22	14	14	0	In 2024 as of December 12, there have been 14 cases of polio (cVDPV2) reported in Ethiopia, compared with one case in 2023.

					<a href="#">Reference</a>
<b>Ghana</b>					
<b>Mpox</b>	Oct 13	29	2	0	On October 1, 2024, Ghana reported a confirmed case of mpox (Clade IIb). Since then, 29 total suspect cases have been identified in the Bia West district. <a href="#">Reference</a>
<b>Guinea</b>					
<b>Diphtheria</b>	Dec 9	2,869	-	17 (0.5%)	Since March 16, 2024, and as of December 9, a total of 2,869 suspected diphtheria case, including 17 deaths, have been reported. Siguiiri health district in Kankan region is the epicenter, with 92% of the cases. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>*Lassa fever</b>		27	-	2	In 2024, as of December 7, a total of 27 suspected cases of Lassa fever were reported; 2 died. <a href="#">Reference</a>
<b>Kenya</b>					
<b>Cholera</b>	Dec 9	300	-	3 (1%)	In 2024 as of December 9, a total of 300 confirmed cholera cases were reported in Kenya since the outbreak began in April 2024. <b>Lamu County</b> is the most affected area, but cases also have been in reported in <b>Siaya</b> and <b>Tana River counties</b> . Transmission has been facilitated by flooding. <a href="#">Reference</a>
<b>Liberia</b>					
<b>*Lassa fever</b>	Dec 7	270	39	11	In 2024, as of December 7, a total of 270 suspected cases of Lassa fever were reported in 14 of 15 counties. Eleven of 39 confirmed cases died (28.2%). <a href="#">Reference</a>
<b>Mali</b>					
<b>Dengue</b>	Dec 28	9,541	1,428	13 (0.1%)	Mali has continued to experience a dengue outbreak that began in September 2023. In 2024 as of December 28, a total of 9,541 cases have been reported from all 11 regions. The Bamako region has accounted for 90% of cases. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>Mauritius</b>					
<b>Dengue</b>	Oct 23	9,166	8,660	9	In 2024 as of October 23 a total of 8,660 dengue cases have been confirmed as of May 26. Eighty-five percent have been diagnosed on the <b>main island of Mauritius</b> and the remainder from the autonomous island of <b>Rodrigues</b> . The most affected health offices are <b>Rivière du Rempart</b> , <b>Port Louis</b> , and <b>Pamplemousses</b> in the north. <a href="#">Reference 1</a> <a href="#">Reference 2</a>

Morocco					
Measles	Dec 30	17,999	4,606	107 (0.6%)	In 2024 as of December 30, a total of 17,999 cases of measles have been reported in Morocco. All 12 regions of the country have been affected. This is a protracted outbreak that began in October 2023 and is due to decreasing childhood vaccination. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
Mozambique					
Cholera	Dec 28	8,486	-	24 (0.2%)	In 2024 as of December 28, a total of 8,486 cholera cases have been reported in Mozambique. <a href="#">Reference</a>
Namibia					
*Malaria	Dec 27	-	3,173	19 (0.6%)	As of December 27, a total of 3,173 cases of confirmed malaria (species not indicated) has been reported in Namibia. It is affecting 17 of 121 districts. The outbreak was first reported on November 6, 2024. <a href="#">Reference</a>
Niger					
Measles	Nov 24	4,703	1,073	20 (0.4%)	In 2024 as of November 24, a total of 4,703 measles cases across 23 health districts were reported in Niger. The capital city, Niamey, has reported the most cases, with many cases also occurring in the Agadez region. <a href="#">Reference</a>
Polio (cVDPV2)	Dec 31	15	15	0	In 2024 as of December 31, a total number of 15 polio (cVDPV2) have been reported. This compares with 3 cases in 2023. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
Nigeria					
Lassa Fever	Nov 17	10,098	1,309	214 (16.3%)	In 2024 as of December 28, a total of 10,098 suspected and 1,309 confirmed Lassa fever cases were reported in Nigeria, with 214 deaths in the confirmed cases (CFR: 16.3%). Sixty-eight percent of cases were from three states: <b>Edo</b> , <b>Ondo</b> , and <b>Bauchi</b> . The predominant age group is 31-40 years. There has been a significant decrease in cases since the first three months in 2024. <a href="#">Reference</a>
Measles	Dec 28	27,517	-	73 (0.2%)	In 2024 as of December 28, a total of 27,517 measles cases have been reported in Nigeria. All states and the federal capital territory have been affected. <a href="#">Reference</a>
Diphtheria	Dec 28	16,864	10,432	472 (2.8%)	There has been an ongoing diphtheria outbreak since 2023, when more than 22,000 cases were reported. In 2024 as of December 28, a total of 16,964 cases have been

					reported. Affected states include <b>Kano, Borno, Jigawa, Bauchi, Katsina, Yobe</b> , and the <b>Federal Capital Territory</b> . <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>Cholera</b>	Sep 29	10,837	–	359 (3.3%)	In 2024 as of September 29, a total of 10,837 suspected cholera cases, including 359 deaths, have been reported by Nigeria. <b>Lagos State</b> has reported 43% of cases. Cases also have been reported in the states of <b>Jikawa</b> (8%), <b>Kano</b> (7%), <b>Bayelsa</b> (5%), <b>Katsina</b> (5%), <b>Adamawa</b> (5%) and 23 other states. <a href="#">Reference</a>
<b>Mpox</b>	Oct 27	1,442	167	0	In 2024 as of October 13, Nigeria has reported 1,180 cases of mpox (Clade 2). Cases have been reported throughout Nigeria. >705 cases have been male and 27% in children <5 years old. <a href="#">Reference</a>
<b>Polio (cVDPV2)</b>	Dec 31	94	94	0	In 2024 as of December 31, a total of 94 cases of polio (cVDPV2) have been reported in Nigeria, compared with 87 in 2023. Recent cases were reported in <b>Sokoto, Gombe, Kano, Jigawa, Bauchi</b> , and <b>Kaduna</b> States. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>*Yellow fever</b>	Nov 30	278	8	0	In 2024, as of November 20, a total of 278 suspected cases of yellow fever were reported from 36 states. Eight were confirmed, of which there were no deaths. <a href="#">Reference</a>
<b>Rwanda</b>					
<b>Mpox</b>	Sept 15	1,379	6	0	In 2024 as of September 15, Rwanda has reported >1,300 suspected and six confirmed cases of mpox due to clade 1b in the <b>Gasabo</b> and <b>Rusizi</b> districts. Most cases are aged 10-49 years. <a href="#">Reference</a>
<b>Senegal</b>					
<b>Crimean-Congo hemorrhagic fever</b>	Nov 25	7	7	0	Since March 24, 2024, there have been 7 cases of Crimean-Congo hemorrhagic fever as of November 25. Cases were in Kaur Massar health district. <a href="#">Reference 1</a> <a href="#">Reference 2</a>

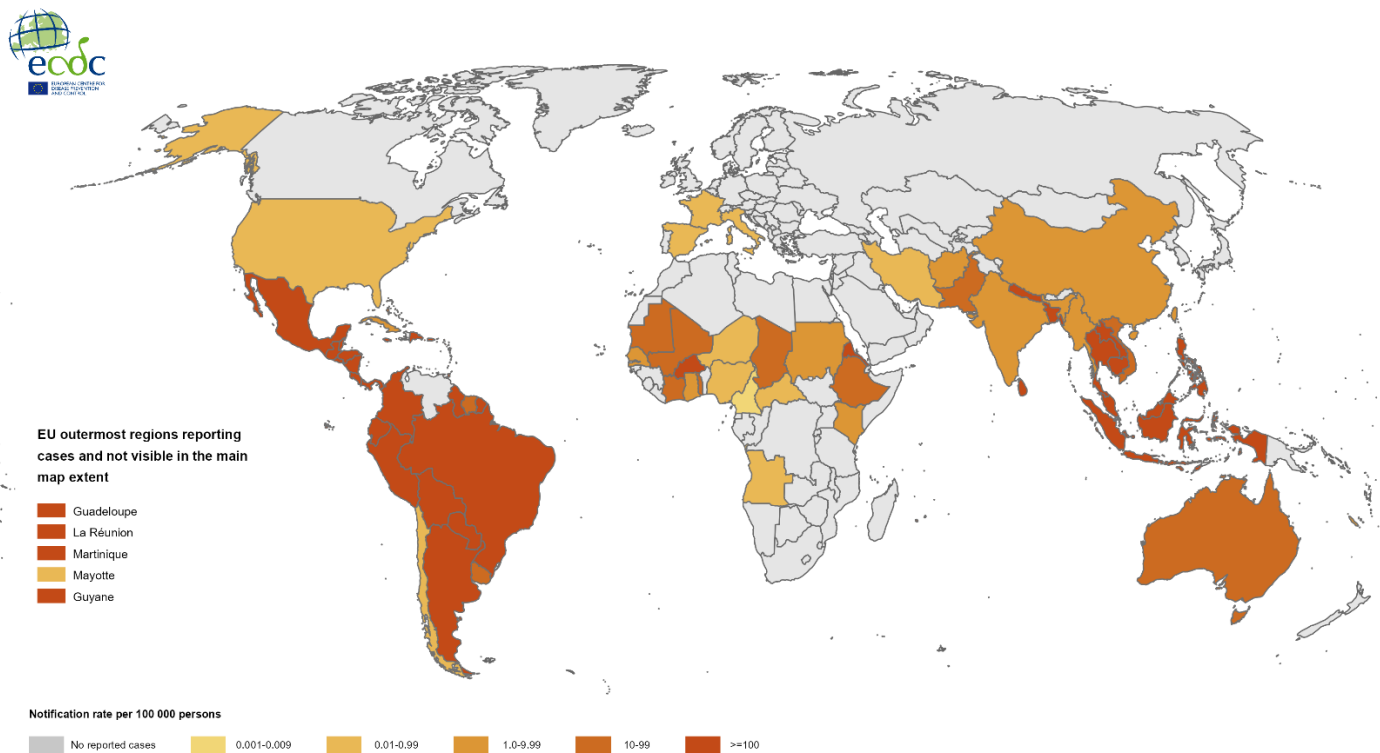


South Africa					
<b>Mpox</b>	Dec 28	25	25	3 (12%)	In 2024 as of December 28, South Africa has reported 25 confirmed mpox cases in the three provinces: <b>KwaZulu-Natal, Gauteng, and Western Cape</b> . Three have died. 68% were in persons living with HIV and 48% in men who report having sex with men. . Cases have been in men in their 30s. Clade 2. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
South Sudan					
<b>Measles</b>	Oct 23	3,200	-	41	In 2024 as of October 23, a total of 3,200 measles cases have been reported in South Sudan. Most cases were in <b>Fangak, Jur-River, and Wulu</b> counties. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>Yellow Fever</b>	Dec 9	139	-	6 (4.3%)	In 2024 as of December 9, a total of 139 yellow fever cases have been reported in South Sudan. Most cases have been in seven counties in Western Equatoria state: <b>Yambio, Tambura, Nzara, Ezo, Ibba, Maridi, and Mvolo</b> . <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>Polio (cVDPV2)</b>	Dec 31	10	10	0	In 2024 as of December 31, there have been 10 cases of polio (cVDPV2) reported in South Sudan. The most recent case was in <b>Jonglei</b> . This compares with three cases in 2023. <a href="#">Reference</a>
Tanzania					
<b>Cholera</b>	Dec 28	12,148	–	145(1.6%)	In 2024 as of December 28, a total of 12,148 cases of cholera have been reported in 21 regions of Tanzania. ( <b>Mara, Arusha, Kilimanjaro, Kigoma, Kagera, Singida, Simiyu, Shinyanga, Tabora, Ruvuma, Mwanza, Geita, Rukwa, Dodoma, Manyara, Morogoro, Katavi, Pwani, Mtwara, Tanga, and Dar es Salaam</b> ). <a href="#">Reference 1</a> <a href="#">Reference 2</a>
Uganda					
<b>Mpox</b>	Dec 27	-	1,358	6 (0.6%)	In 2024 as of December 27, a total of 1,358 confirmed clade 1b mpox cases have been reported in Uganda. Most cases have occurred in e <b>Nakasongola, Luwero, Kampala, and Mayuge</b> districts. Persons aged 19-39 years are the most affected (60%); 56% are male. <a href="#">Reference 1</a> <a href="#">Reference 2</a>
<b>Crimean-Congo hemorrhagic fever</b>	Nov 25	20	8	7 (35%)	In 2024 as of November 25, a total of 20 cases of Crimean-Congo hemorrhagic fever were reported in Uganda in the following districts: Kasese, Kiruhura, Kiyankwanzi, Kiyenjojo, and Lyantonda. <a href="#">Reference</a>

Zambia					
Cholera	Dec 28	20,076	—	612 (3.8%)	In 2024 as of December 28, a total of 20,076 cholera cases have been reported in Zambia. Nine provinces have reported cases, with seven provinces confirming cholera outbreaks. <a href="#">Reference</a>
Measles	Dec 28	4,946	-	0	In 2024 as of December 9, a total of 4,770 measles cases have been reported in Zambia. All provinces have been affected, with many cases being in the northwestern province of the country that borders the DRC. <a href="#">Reference</a>
Zimbabwe					
Cholera	Dec 9	19,646	-	388 (2%)	Since February 2024, Zimbabwe has been experiencing a severe cholera outbreak. As of December 28, a total of 19,646 cases of cholera were reported. The highest number of confirmed cases reported were in <b>Harare, Manicaland, Mat North, and Masvingo</b> . <a href="#">Reference 1</a> <a href="#">Reference 2</a>

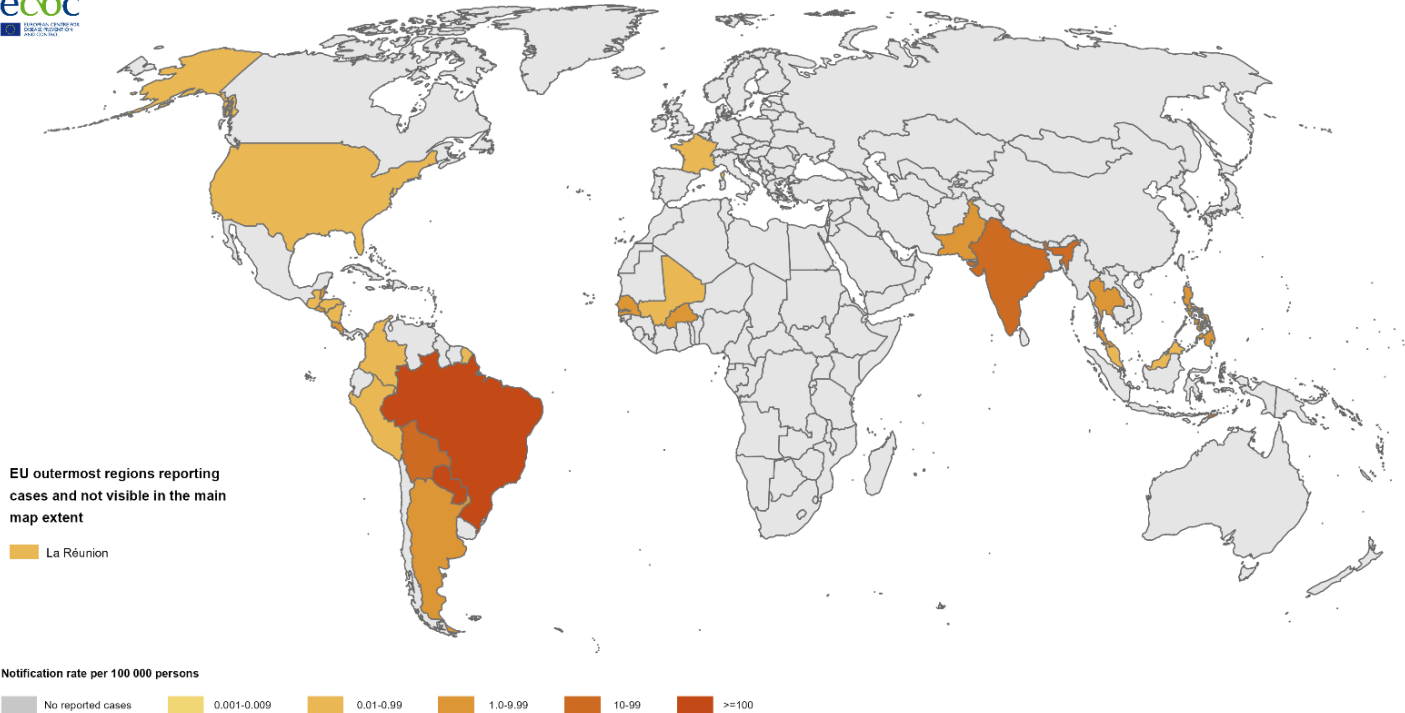
### Supplementary Figures for Reference

#### [12-month dengue virus disease case notification rate per 100 000 population, October 2023-September 2024, ECDC](#)



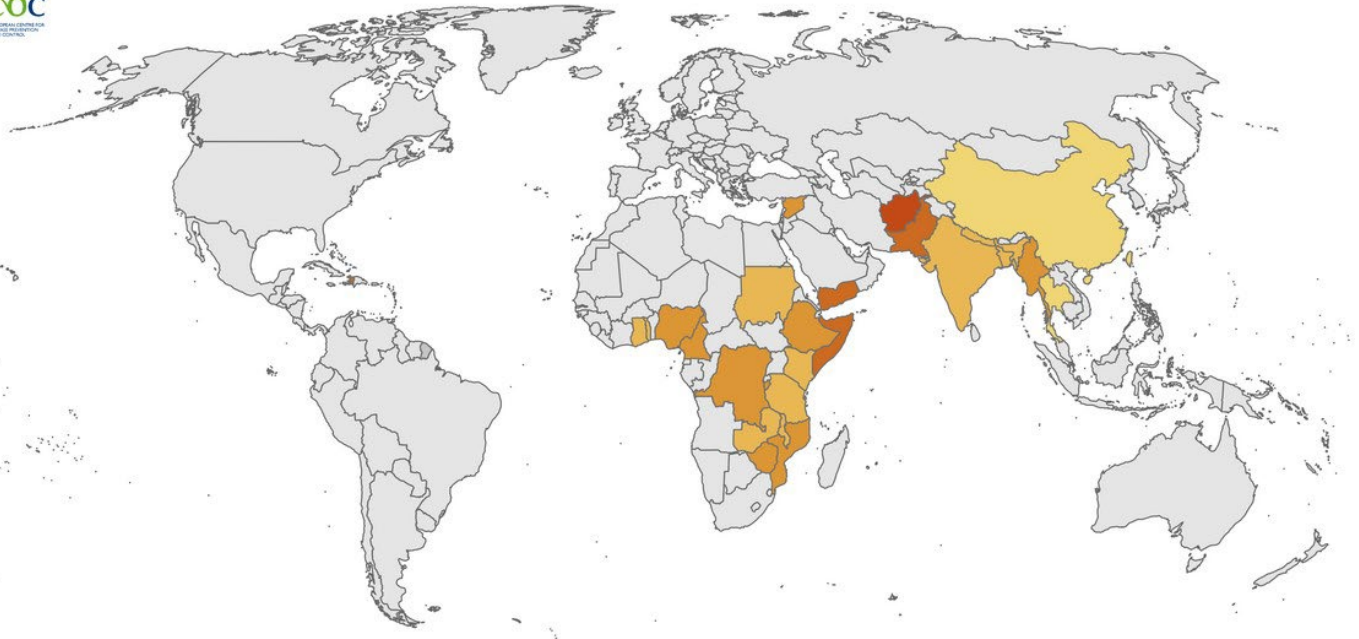
Note: Data refer to Dengue virus cases reported in the last 12 months (October 2023-September 2024) [Data collection: October 2024]. Case numbers are collected from both official public health authorities and non-official sources, such as news media, and depending on the source, autochthonous and non-autochthonous cases may be included. Administrative boundaries: © EuroGeographics. The boundaries and names shown on this map do not imply official endorsement or acceptance by the European Union. ECDC. Map produced on 02 October 2024.

12-month Chikungunya virus disease case notification rate per 100 000 population, October 2023-September 2024, ECDC



Note: Data refer to Chikungunya virus cases reported in the last 12 months (October 2023-September 2024) [Data collection: October 2024]. Case numbers are collected from both official public health authorities and non-official sources, such as news media, and depending on the source, autochthonous and non-autochthonous cases may be included. Administrative boundaries: © EuroGeographics. The boundaries and names shown on this map do not imply official endorsement or acceptance by the European Union. ECDC. Map produced on 02 October 2024

# Geographical distribution of cholera cases reported worldwide from June to August 2024, ECDC

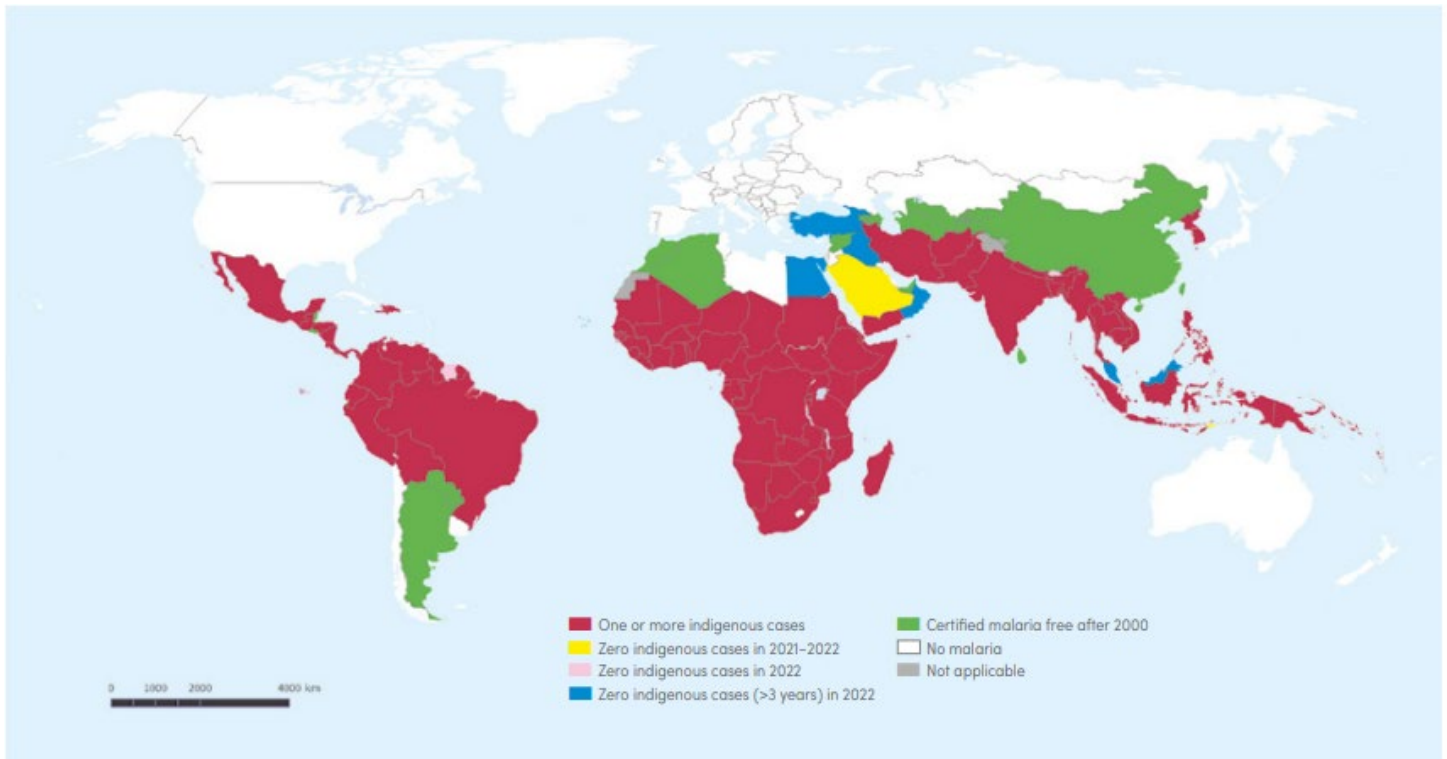


Notification rate per 100 000 persons



Note: Data refer to cases reported in the last 3 months. Administrative boundaries: © EuroGeographics  
The boundaries and names shown on this map do not imply official endorsement or acceptance by the European Union. ECDC. Map produced on 27 September 2024

[WHO World Malaria Report 2023](#)



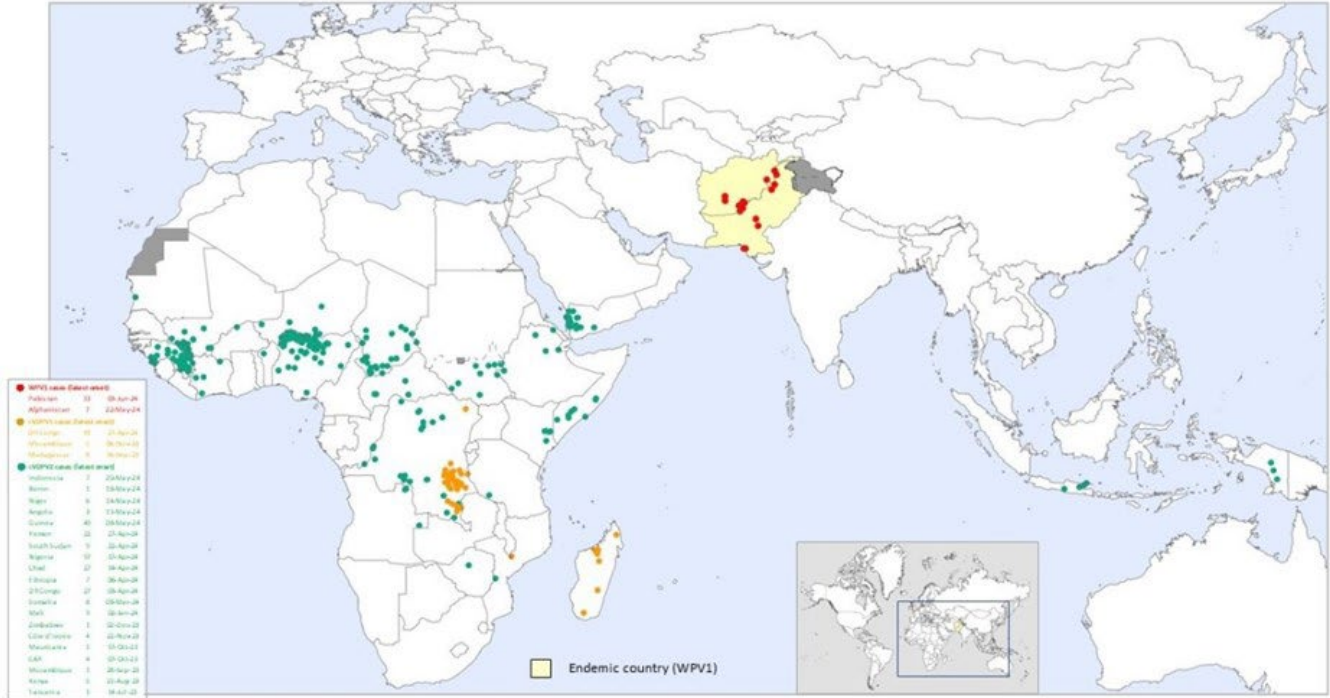
WHO: World Health Organization.

<sup>a</sup> Malaysia has a significant number of indigenous malaria cases caused by *Plasmodium knowlesi* infection.

<sup>b</sup> Countries with zero indigenous cases for at least 3 consecutive years are considered to have eliminated malaria. In 2022, Malaysia reported zero indigenous cases caused by human *Plasmodium species*<sup>a</sup> for the fifth consecutive year and Cabo Verde reported zero indigenous cases for the fourth year. Belize was certified malaria free in 2023, following 4 years of zero malaria cases.

Global Polio Eradication Initiative (GPEI)

Global WPV1 & cVDPV Cases<sup>1</sup>, Previous 12 Months<sup>2</sup>



<sup>1</sup>Excludes viruses detected from environmental surveillance; <sup>2</sup>Onset of paralysis: 03 Jul. 2023 to 02 Jul. 2024

Data in WHO HQ as of 02 Jul. 2024