



Date: 4/3/25

This weekly report from the New York State Department of Health presents summaries of select ongoing and emerging infectious disease outbreaks of interest to public health professionals and the public, both globally and in the United States. The Global Health Update summaries include preliminary and up-to-date data that are publicly available for these events at the time of posting. Because this report aggregates and summarizes data and information from outside sources, the quality, accuracy or completeness of that data, and the appropriateness of the methodology used, cannot be guaranteed. Please refer directly to those sources for any data questions. Because the report includes preliminary information, subsequent reports may contain updates or revisions to information in prior reports.

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Chikungunya

France (Réunion) – Weekly Number of Reported Cases Continues to Rise:

According to data from the Regional Health Agency of Réunion (ARS) as of March 23, 2025, there have been a total of 20,242 locally acquired chikungunya cases and 2 deaths reported in Réunion since August 2024. **Since the previous update, a total of 6,648 new cases, of which 5,832 had symptom onset during the most recent reporting week ending March 23, 2025 (an increase of 40.3% compared to the prior week), and no deaths were reported.**

Locally Acquired Chikungunya Cases, Réunion, 2024-2025					
Locally Acquired Cases		Hospitalizations ¹		Deaths	
Total	New	Total	New	Total	New
20,242	6,648	129	47	2	0

Table Notes: Data as of March 23, 2025; ¹For a duration of ≥24 hours.

Cases have been detected in all municipalities on the island. According to ARS, approximately 25% and 50% of hospitalizations have been among those aged <6 months and ≥65 years, respectively.

The United States (US) Centers for Disease Control and Prevention (CDC) has a [Level 2 - Practice Enhanced Precautions](#) travel notice posted regarding the outbreak.

Source: [ARS \(2APR25\)](#)

Dengue

Region of the Americas – Suspected Case Trend Similar to Past 5-Year Average:

According to data from the Pan American Health Organization (PAHO) extracted on April 2, 2025, there have been a total of 1,564,655 suspected dengue cases and 523 deaths reported in the Region of the Americas during 2025. **Since the previous update, a total of 190,716 new suspected cases and 90 deaths were reported.**

Suspected Dengue Cases, Severe Cases, and Deaths, Region of the Americas, 2025							
Suspected Cases		Severe Cases			Deaths		
Total	New	Total	New	Percent	Total	New	CFR
1,564,655	190,716	1,744	201	0.11%	523	90	0.03%

Table Notes: Data extracted on April 2, 2025.

While suspected cases have been detected in many countries belonging to the region, Brazil (89.6%), Colombia (3.0%), Mexico (1.6%), and Peru (1.4%), have accounted for a combined 95.6% of all suspected cases reported. Among all suspected cases, 0.11% have been severe.

Suspected Dengue Cases by EPI Week, Region of the Americas, 2020 – 2025

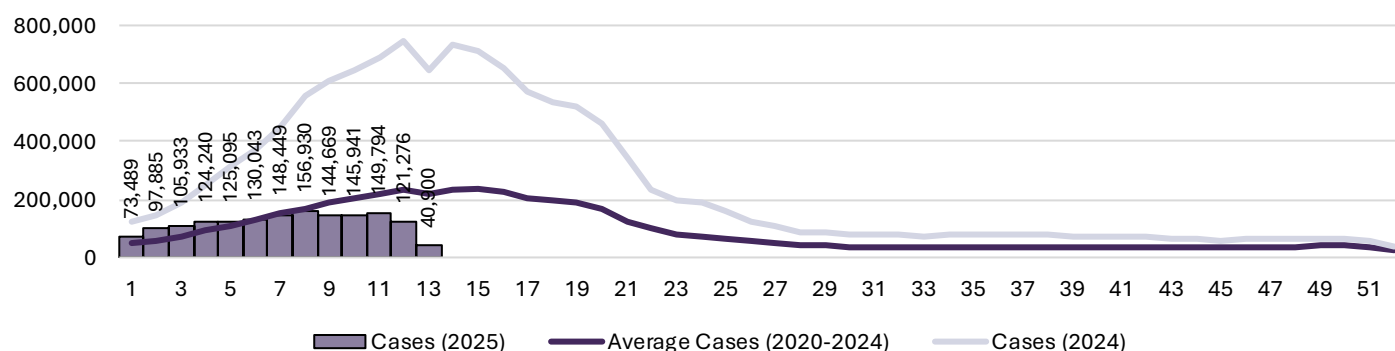


Figure Notes: Data extracted on April 2, 2025; 11 cases not included in figure for 2025; Data for recent weeks should be interpreted with caution as there are delays associated with reporting.

According to data from the PAHO, there were 13,064,226 suspected dengue cases, of which 22,807 were severe (0.17%), and 8,348 deaths (CFR: 0.06%) reported in the Region of the Americas during 2024. Suspected case trends for 2025 are currently much lower compared to 2024 and follow a similar trend to the previous 5-year average.

On February 7, 2025, the PAHO released an [Epidemiological Alert](#) regarding the risk of an increase in the circulation of dengue serotype DENV-3 in the southern hemisphere of the Region of the Americas during peak dengue season.

United States – Locally Acquired Case Trends During 2025 Higher Compared to 2024

According to data from the United States (US) Centers for Disease Control and Prevention (CDC) extracted on April 2, 2025, there have been a total of 1,346 dengue cases (1,205 locally acquired and 141 travel-associated) reported by US states and territories during 2025. **Since the previous update, a total of 67 new locally acquired and 25 new travel associated dengue cases were reported.**

Dengue Cases by Travel Status, United States and Territories, 2025							
Locally Acquired Cases				Travel Associated Cases			
Total	New	Hospitalizations	New	Total	New	Hospitalizations	New
1,205	67	547	31	141	25	55	7

Table Notes: Data extracted on April 2, 2025.

Locally acquired cases have been detected in Puerto Rico (1,163), the US Virgin Islands (41), and Florida (1). Among all locally acquired cases, 45.4% have been hospitalized, and among cases with known serotype (68%), the majority have been DENV-3 (88%), followed by DENV-1 (9%), and DENV-2 (3%). Locally acquired case trends are currently higher compared to the prior year.

Locally Acquired Dengue Cases by EPI Week, US States and Territories, 2024-2025

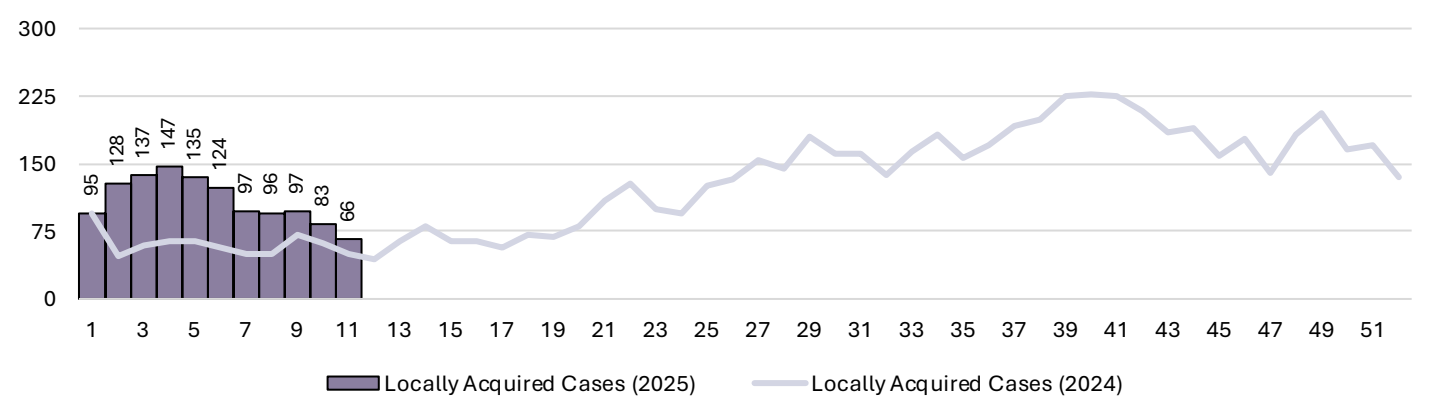


Figure Notes: Data extracted on April 2, 2025.

Travel associated cases have been detected in 29 US jurisdictions, primarily Florida (53), New York (11), California (10), and Massachusetts (9). Among all travel associated cases, 39.0% have been hospitalized, and among cases with known serotype (48%), the majority have been DENV-3 (49%), followed by DENV-4 (37%), DENV-2 (9%), and DENV-1 (6%). Travel associated case trends are currently lower compared to the prior year. A record total of 3,483 travel associated cases were reported during 2024 representing an 84% increase compared to 2023.

Travel Associated Dengue Cases by EPI Week, US States and Territories, 2024-2025

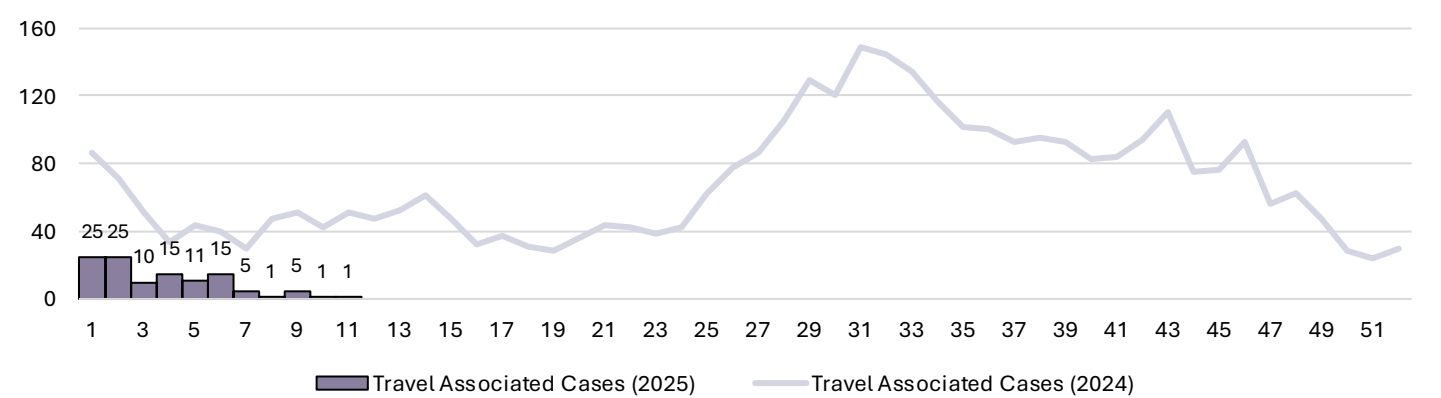


Figure Notes: Data extracted on April 2, 2025.

The CDC currently has a [Level 1 - Practice Usual Precautions](#) travel notice posted regarding dengue globally, as the risk is present year-round and some countries are reporting increased numbers of cases. Additionally, the CDC has released a Health Alert Network (HAN) [Health Update](#) regarding the ongoing risk of infection.

The New York State (NYS) Department of Health publishes [statewide mosquito-borne disease activity reports](#), which include data on dengue cases reported in the state.

Sources: [PAHO \(2APR25\)](#), [CDC \(2APR25\)](#)

Ebola

Uganda – No New Cases or Deaths Reported Since Previous Update:

According to data from the Africa Center for Disease Control and Prevention (Africa CDC), as of April 3, 2025, there have been a total of 14 (12 confirmed and 2 probable) Sudan ebolavirus (SVD) cases and 4 deaths (2 confirmed and 2 probable, CFR: 28.6%) reported in Uganda since the outbreak was declared on January 30, 2025. **Since the previous update, no new cases or deaths were reported.** A total of 340 contacts have been traced and there are currently no active contacts being followed up with.

Sudan Ebolavirus Cases and Deaths, Uganda, 2025				
Cases		Deaths		
Total	New	Total	New	CFR
14	0	4	0	28.6%

Table Notes: Data as of April 3, 2025; Includes 12 confirmed and 2 probable cases, and 2 confirmed and 2 probable deaths.

The United States (US) Centers for Disease Control and Prevention (CDC) has a [Level 2 - Practice Enhanced Precautions](#) travel notice posted for those traveling to Uganda. Additionally, the CDC has released a Health Alert Network (HAN) [Health Advisory](#) regarding the outbreak.

Source: [Africa CDC \(3APR25\)](#)

Lassa Fever

Nigeria – Updated Data on Cases Reported During 2025:

According to data from the Nigeria Center for Disease Control and Prevention (NCDC), as of March 16, 2025, there have been a total of 3,523 Lassa fever cases (2,960 suspected and 563 confirmed) and 113 deaths (CFR among confirmed cases: 18.3%) reported in Nigeria during 2025. **Since the previous update, a total of 304 new Lassa fever cases (263 suspected and 41 confirmed) and 10 new deaths were reported.** Lassa fever is endemic in Nigeria and cases are reported year-round with peak transmission periods occurring between October and May. Cumulative case numbers are currently lower compared to the same date in 2024 (4,726 suspected and 766 confirmed) and the current case fatality rate is slightly higher among confirmed cases (18.5%).

Lassa Fever Cases and Deaths, Nigeria, 2025						
Suspected Cases		Confirmed Cases		Deaths		
Total	New	Total	New	Total	New	CFR
2,960	263	563	41	103	10	18.3%

Table Notes: Data as of March 16, 2025.

On March 10, 2025, the NCDC released a [Public Advisory](#) regarding a confirmed case of Lassa fever with international travel to the United Kingdom (UK). According to the NCDC, the case patient departed Nigeria on February 19, 2025, and returned from the UK on February 27, 2025. The case patient died on March 1, 2025, and samples taken were positive for Lassa fever.

Source: [NCDC \(2025\)](#)

Measles

Canada – Total Number of Cases Reported Approaches 500:

According to data from the Public Health Agency of Canada (PHAC), as of March 15, 2025, there have been a total of 496 measles cases (410 confirmed and 86 probable) and no deaths reported in Canada during 2025. **Since the previous update, a total of 153 new measles cases (132 confirmed and 21 probable) were reported. New cases were reported in Ontario (132), Alberta (13), Quebec (4), British Columbia (3), and Saskatchewan (1).**

Measles Cases, Hospitalizations, and Deaths, Canada, 2025							
Confirmed Cases		Probable Cases		Hospitalizations		Deaths	
Total	New	Total	New	Total	New	Total	New
410	132	86	21	45	13	0	0

Table Notes: Data as of March 15, 2025.

Measles Cases by EPI Week of Rash Onset, Canada, 2024-2025

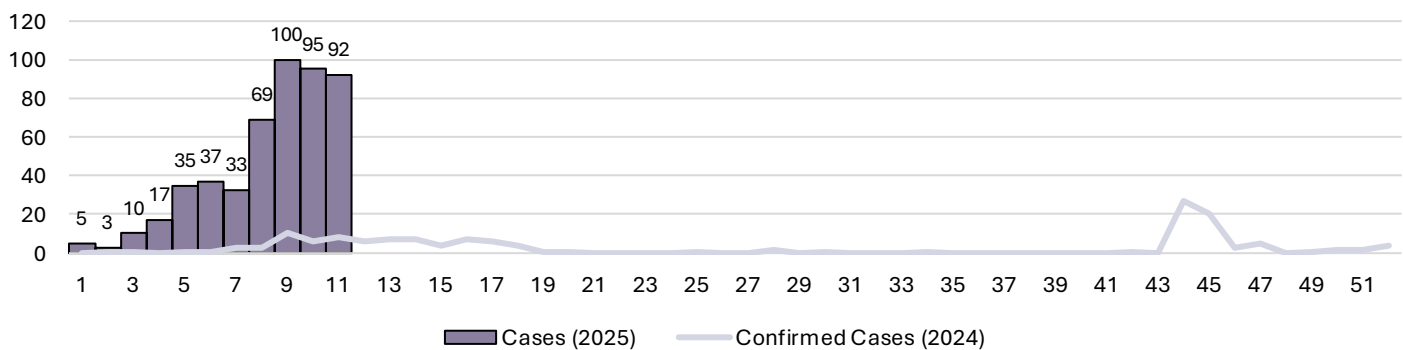


Figure Notes: Data as of March 8, 2025, and includes confirmed and probable cases.

Cases have been detected in Ontario (435), Quebec (36), Alberta (13), Manitoba (6), British Columbia (5), and Saskatchewan (1), primarily among those under 18 years of age (69.0%). Genotypes detected include B3 and D8.

Measles Cases by Province, Canada, 2025

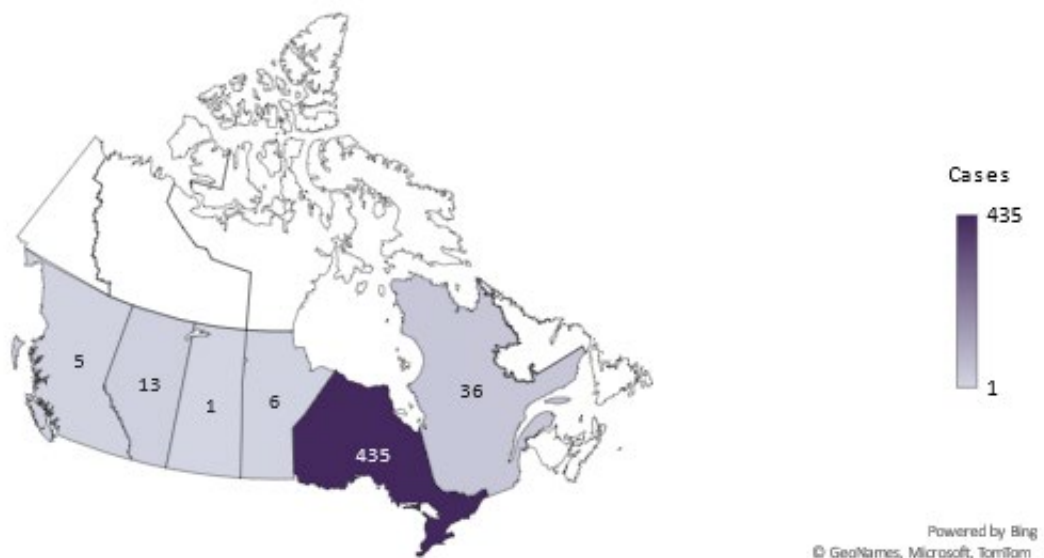


Figure Notes: Data as of March 15, 2025, and includes confirmed and probable cases.

Among all cases, **91.9% have been among unvaccinated individuals or individuals with unknown vaccination statuses**, 9.1% have been hospitalized, and 2.6% have been among individuals exposed outside of Canada. Those exposed outside of Canada reported travel to Cambodia, India, Mexico, Pakistan, Romania, South Korea, and Vietnam.

Measles Cases by Age Group, Canada, 2025

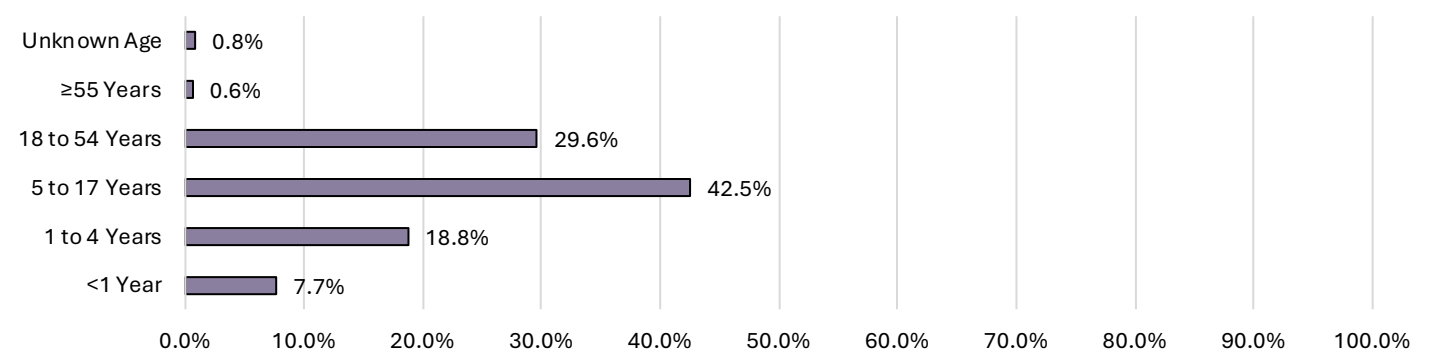


Figure Notes: Data as of March 15, 2025, and includes confirmed and probable cases.

According to data from the PHAC, a total of 147 measles cases and 1 death were reported in Canada during 2024. An average of 91 cases have been reported annually since 1998, with 751 reported during 2011 alone.

Ontario – 89 Additional Outbreak-Associated Cases Identified

While many cases are not yet included in PHAC’s count as of March 15, 2025, according to data from Public Health Ontario (PHO), as of April 2, 2025, there have been a total of 655 (560 confirmed and 95 probable) measles cases reported in Ontario during 2025, of which 31 were not linked to an ongoing outbreak in the province.

Additionally, Ontario has been experiencing an outbreak of measles that began in October 2024, with 661 (540 confirmed and 121 probable) measles cases reported as of March 26, 2025. **Since the previous update, a total of 89 (87 confirmed and 2 probable) new outbreak-associated measles cases were reported.**

Measles Outbreak Cases and Hospitalizations, Ontario, 2024-2025					
Confirmed Cases		Probable Cases		Hospitalizations	
Total	New	Total	New	Total	New
540	87	121	2	52	10

Table Notes: Data as of April 2, 2025.

Measles Cases by EPI Week of Rash Onset, Ontario, October 28, 2024 – April 2, 2025

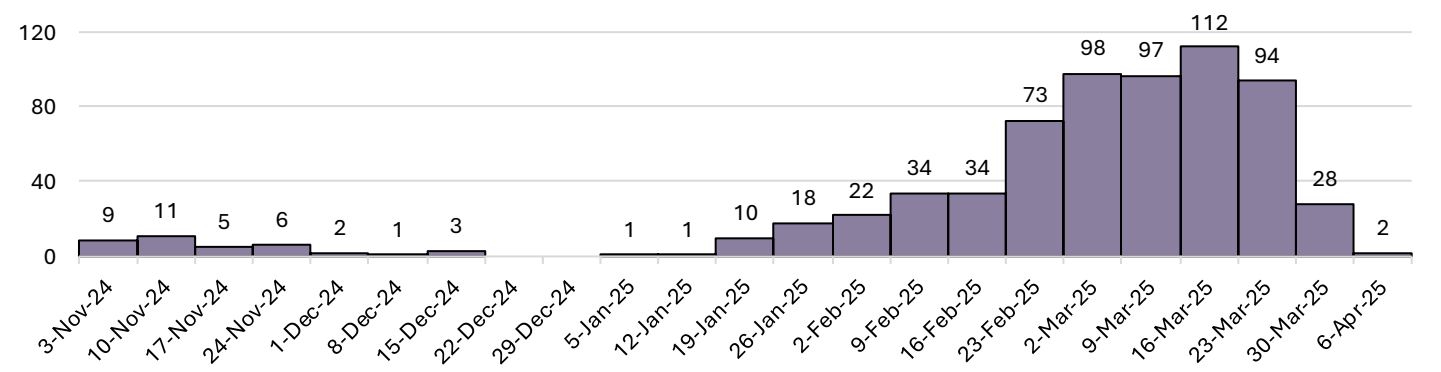


Figure Notes: Data as of April 2, 2025.

Outbreak-associated cases have been detected in 13 Public Health Units, primarily the Southwestern (296), Grand Erie (119), and Huron Perth (73) Public Health Units.

Outbreak-Associated Measles Cases by Public Health Unit and Change Compared to Prior Week, Ontario, October 28, 2024 – April 2, 2025

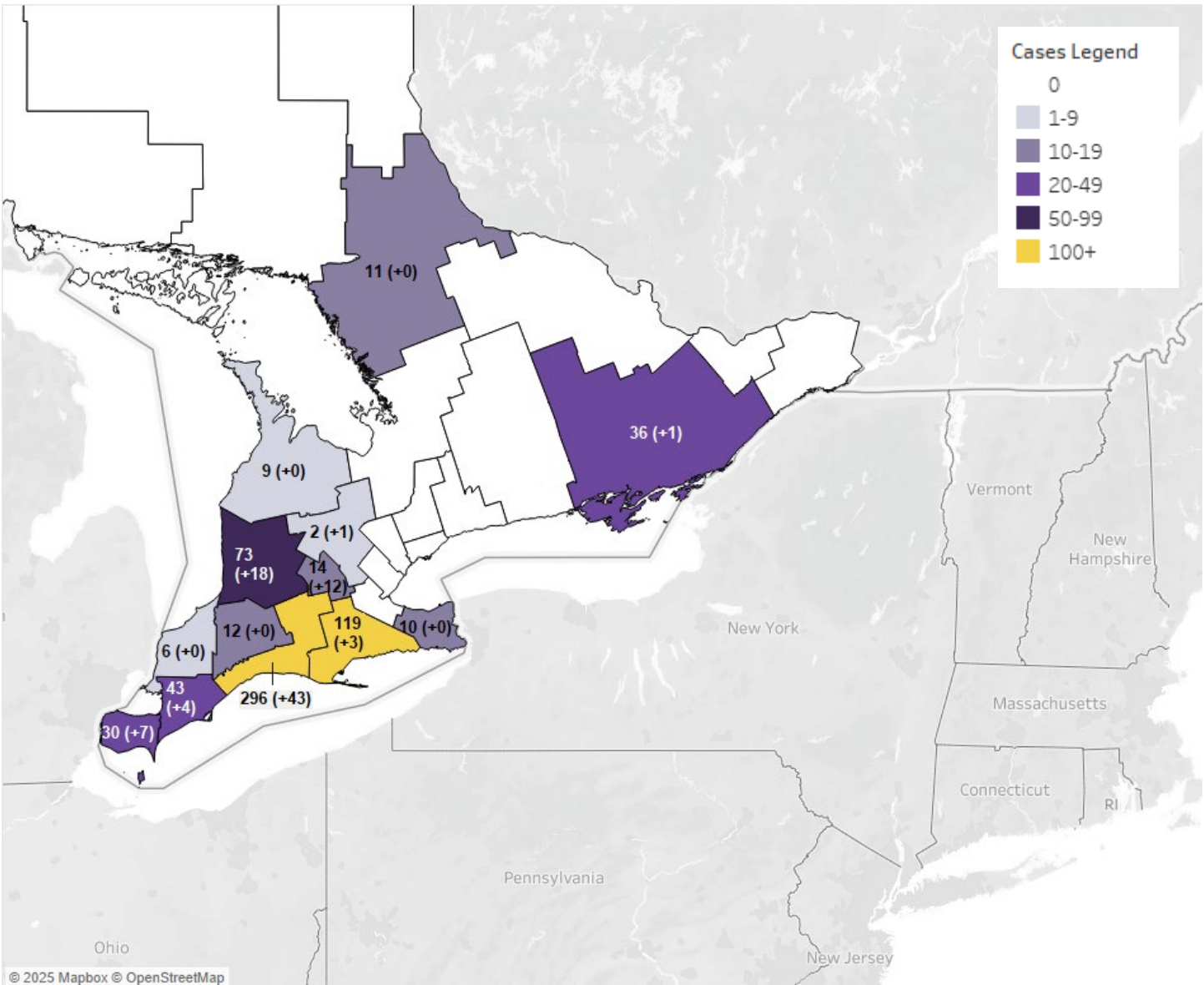


Figure Notes: Data as of April 2, 2025, and includes confirmed and probable cases; Data labels correspond to the number of outbreak-associated cases reported as of April 2, 2025, with the change in number of reported cases compared to the prior week included in parenthesis.

Among all outbreak-associated cases, **94.9% have been among unvaccinated individuals or individuals with unknown vaccination statuses or no proof of vaccination**, and 7.9% have been hospitalized.

Sources: [PHAC \(28MAR25\)](#), [PHO \(3APR25\)](#)

Europe – 2025 Case Trends Lower Compared to 2024, Driven by Romania:

According to data from European Center for Disease Control and Prevention (ECDC), as of February 28, 2025, there have been a total of 1,893 measles cases and no deaths reported in the European Union (EU) / European Economic Area (EEA) during 2025. **Since the previous update, a total of 860 new measles cases were reported. During the past year, a total of 28,791 measles cases and 14 deaths (all in Romania) have been reported in the EU/EEA.**

Measles Cases and Deaths, EU/EEA Countries, 2025 and Last 12 Months					
Cases			Deaths		
Total (2025)	New (2025)	Total (Past Year)	Total (2025)	New (2025)	Total (Past Year)
1,893	860	28,791	0	0	14

Table Notes: Data as of February 28, 2025.

Measles Cases by Month, EU/EEA, 2024-2025

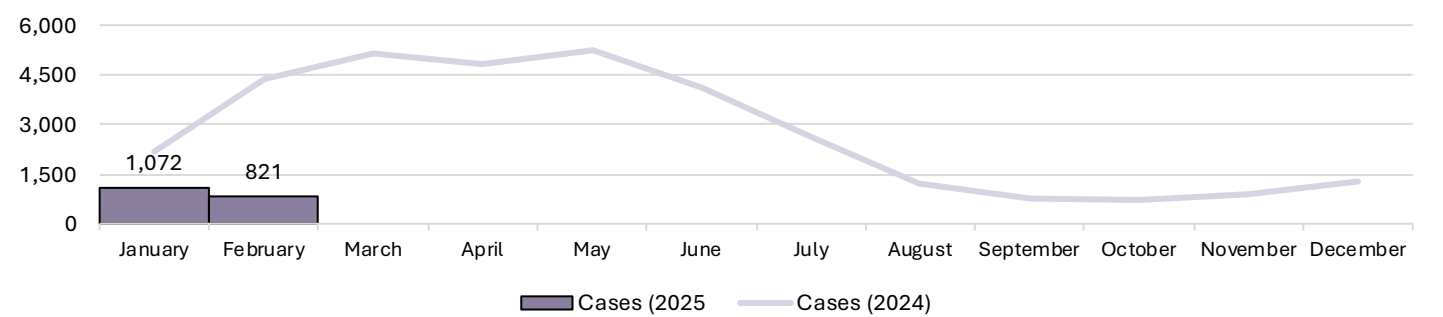


Figure Notes: Data as of February 28, 2025.

Cases have been detected in 22 EU/EEA countries during 2025, primarily Romania (62.9%), Spain (8.2%), France (7.7%), and Italy (7.4%). During the past year, cases have been detected in 28 EU/EEA countries, primarily Romania (84.1%). Among all cases reported in the past year, **86.2% have been among unvaccinated individuals**. Compared to 2024, reported case trends have been lower this year.

Source: [ECDC \(2APR25\)](#)

United States – Total Number of Confirmed Cases Reported Approaches 500:

According to data from the United States (US) Centers for Disease Control and Prevention (CDC), as of March 27, 2025, there have been a total of 483 confirmed measles cases and 2 deaths ([1 confirmed](#) and [1 under investigation](#)) reported in the US during 2025. **Since the previous update, a total of 106 new confirmed measles cases were reported in Texas (73), Kansas (15), New Mexico (5), Ohio (5), California (2), Maryland (2), Pennsylvania (2), Minnesota (1), and Tennessee (1).**

Measles Cases, Hospitalizations, and Deaths, United States, 2025					
Confirmed Cases		Hospitalizations		Deaths ¹	
Total	New	Total	New	Total	New
483	106	70	6	2	0

Table Notes: Data as of March 27, 2025; ¹Includes 1 confirmed death and 1 death under investigation.

Confirmed Measles Cases by EPI Week of Rash Onset, United States, 2024-2025

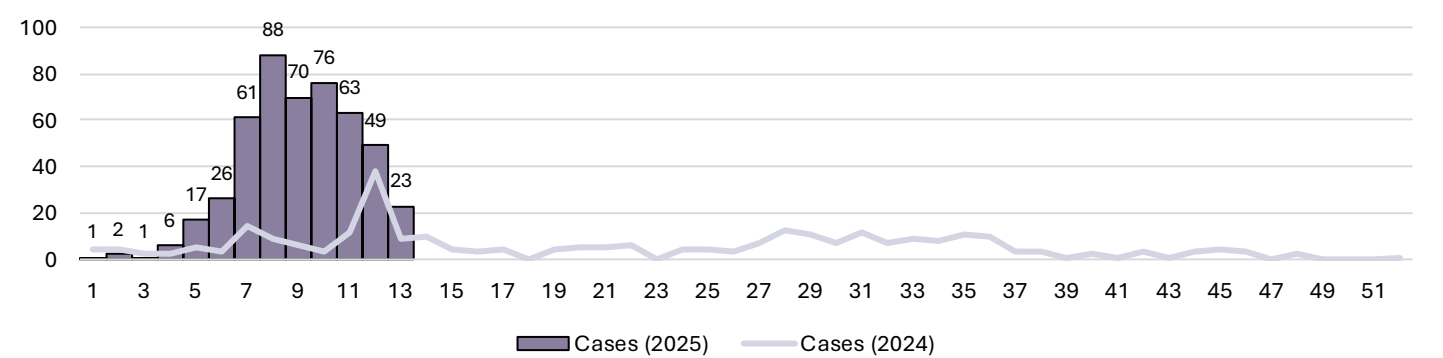


Figure Notes: Data as of March 27, 2025.

Confirmed cases have been detected in 19 states, primarily Texas (373) and New Mexico (43), and Kansas (24) where there are ongoing outbreaks, and primarily among those under 20 years of age (74.7%).

Confirmed Measles Cases by State, United States, 2025

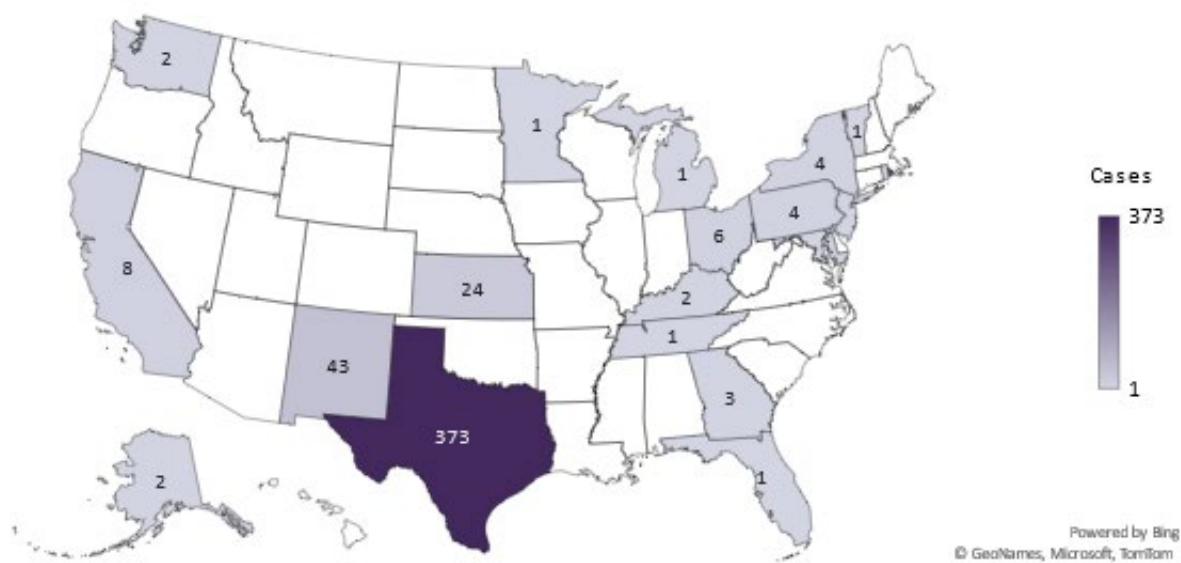


Figure Notes: Data as of March 27, 2025; Cases in New York are split between New York City (3) and Rest of State (1).

Among all confirmed cases, **97% have been among unvaccinated individuals or individuals with unknown vaccination statuses** and 14.5% have been hospitalized.

Confirmed Measles Cases by Age Group, United States, 2025

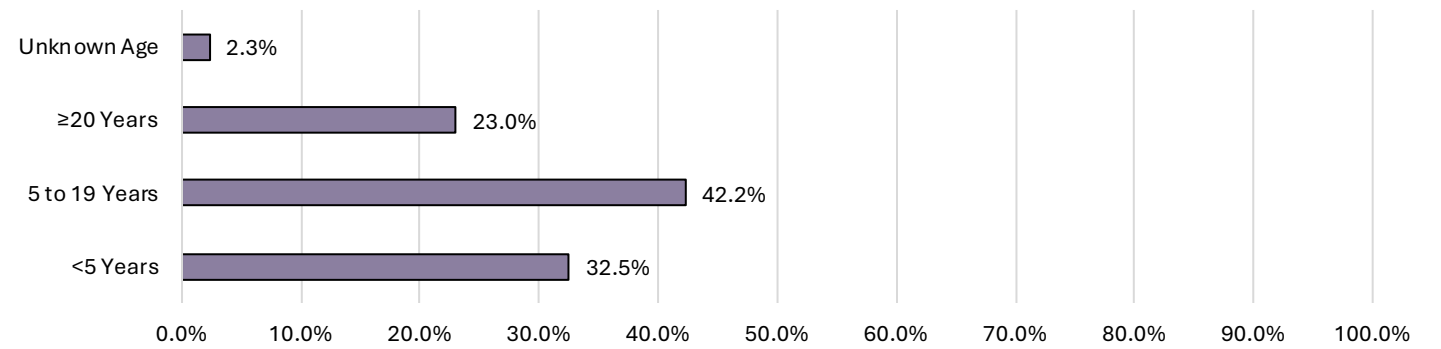


Figure Notes: Data as of March 27, 2025.

According to data from the CDC, a total of 285 confirmed measles cases and no deaths were reported in the US during 2024. Confirmed case totals for 2025 are the highest reported since 2019 when 1,274 confirmed cases were reported.

The CDC currently has a [Level 1 – Practice Usual Precautions](#) travel notice posted regarding measles globally, as many international destinations are reporting an increased numbers of measles cases. Additionally, the CDC has released a Health Alert Network (HAN) [Health Advisory](#) regarding the measles outbreak in Texas and New Mexico.

The New York State (NYS) Department of Health has issued a [Press Release](#) and a joint [Health Advisory](#) with the New York City (NYC) Department of Health and Mental Hygiene regarding the measles outbreaks in Texas, New Mexico, New Jersey, and Canada. Additionally, the Department has issued a [Travel Advisory](#) for all New Yorkers, urging them to ensure that they are fully vaccinated against measles before traveling internationally or to an area in the US currently experiencing an outbreak.

Texas – 95 Additional Outbreak-Associated Cases Identified

While many cases are not yet included in CDC’s count as of March 27, 2025, according to data from the Texas Department of State Health Services (DSHS) as of March 31, 2025, there have been a total of 422 outbreak-associated, 6 non-outbreak-associated cases, and 1 death reported in Texas during 2025. **Since the previous update, a total of 95 new outbreak-associated and 1 new non-outbreak-associated measles cases were reported.**

Measles Cases, Hospitalizations, and Deaths, Texas, 2025							
Outbreak Cases		Non-Outbreak Cases ¹		Hospitalizations ²		Deaths	
Total	New	Total	New	Total	New	Total	New
422	95	6	1	42	2	1	0

Table Notes: Data as of March 31, 2025; ¹3 non-outbreak-associated cases removed from DSHS count compared to prior week. ²Among outbreak cases only.

Outbreak-associated cases have been detected in 19 counties, primarily Gaines (280), Terry (41), and Lubbock (27) Counties, and primarily among those aged 0 to 4 (33.4%) and 5 to 17 (40.0%) years. Among all outbreak-associated cases, **98.8% have been among unvaccinated individuals or individuals with unknown vaccination statuses** and 10.0% have been hospitalized.

New Mexico – 5 Additional Outbreak-Associated Cases Identified

While many cases are not yet included in the CDC’s count as of March 27, 2025, according to data from the New Mexico Department of Health (NMDOH) as of April 1, 2025, there have been a total of 48 outbreak-associated measles cases and 1 death reported in New Mexico during 2025. **Since the previous update, a total of 5 new outbreak-associated measles cases were reported.**

Measles Cases, Hospitalizations, and Deaths, New Mexico, 2025							
Outbreak Cases		Non-Outbreak Cases		Hospitalizations		Deaths	
Total	New	Total	New	Total	New	Total	New
48	5	0	0	2	0	1	0

Table Notes: Data as of April 1, 2025.

Cases have been detected in Lea (46) and Eddy Counties (2), primarily among those aged ≥18 (52.1%) and 5 to 17 (29.2%) years. Among all outbreak-associated cases, **89.6% have been among unvaccinated individuals or individuals with unknown vaccination statuses** and 4.2% have been hospitalized.

Kansas – 1 Additional Outbreak-Associated Case Identified

According to data from the Kansas Department of Health and Environment, as of April 2, 2025, there have been a total of 24 outbreak-associated measles cases reported in Kansas during 2025. **Since the previous update, 1 new outbreak-associated case was reported.**

Measles Cases, Hospitalizations, and Deaths, New Mexico, 2025							
Outbreak Cases		Non-Outbreak Cases		Hospitalizations		Deaths	
Total	New	Total	New	Total	New	Total	New
24	1	0	0	0	0	0	0

Table Notes: Data as of April 2, 2025.

Cases have been detected in 6 counties, primarily Stevens (6) and Kiowa (6) Counties, and primarily among those aged 5 to 17 (62.5%) years. Among all outbreak-associated cases, **87.5% have been among unvaccinated individuals**, and none have been hospitalized.

Oklahoma – 1 Additional Case Identified; At Least 9 Cases Associated with Ongoing Outbreak

While all cases are not yet included in the CDC’s count as of March 27, 2025, according to data from the Oklahoma State Department of Health (OSDOH) as of April 1, 2025, there have been a total of 10 measles cases reported in Oklahoma during 2025. **Since the previous update, 1 new case was reported.** According to a March 26, 2025, [situation update](#) from the OSDOH, 9 cases have been linked through exposures to household contacts or extended family that, and initial cases reported exposures to the ongoing outbreak in West Texas and New Mexico.

Measles Cases, Hospitalizations, and Deaths, Oklahoma, 2025							
Confirmed Cases		Probable Cases		Hospitalizations		Deaths	
Total	New	Total	New	Total	New	Total	New
8	1	2	0	0	0	0	0

Table Notes: Data as of April 1, 2025.

Among all cases, **100% have been among unvaccinated individuals or individuals with unknown vaccination statuses**, and none have been hospitalized.

Ohio – 1 Additional Case Identified; At Least 10 Cases Associated with Ongoing Outbreak

While many cases are not yet included in the CDC’s count as of March 27, 2025, according to data from the Ohio Department of Health, there have been a total of 10 outbreak-associated and 1 non-outbreak-associated measles cases reported in Ohio during 2025. **Since the previous update, 1 new case was reported in Allen County.** According to a March 25, 2025, [news release](#) from the ODH, all cases in Ashtabula County (10), are linked to a single index case.

Measles Cases, Hospitalizations, and Deaths, Oklahoma, 2025							
Outbreak Cases		Non-Outbreak Cases		Hospitalizations		Deaths	
Total	New	Total	New	Total	New	Total	New
10	0	1	1	1	0	0	0

Table Notes: Data as of April 3, 2025.

Among all cases, **100% have been among unvaccinated individuals**, and 9.1% have been hospitalized.

Sources: [CDC \(28MAR25\)](#), [TDSHS \(1APR25\)](#), [NMDOH \(1APR25\)](#), [OSDOH \(1APR25\)](#), [KDHE \(2APR25\)](#), [ODH \(3APR25\)](#), [ODH \(31MAR25\)](#)

Mpox

Africa – Updated Data on Public Health Emergency of International Concern:

According to data from the World Health Organization (WHO), as of March 30, 2025, there have been a total of 27,370 confirmed mpox cases and 101 deaths reported in Africa since the beginning of 2024. **Since the previous update, a total of 7,533 new confirmed cases and 31 new deaths were reported.** Confirmed cases have been reported in 24 countries in Africa, primarily the Democratic Republic of the Congo (DRC) (65.8%), Uganda (16.9%), and Burundi (13.6%).

Confirmed Mpox Cases and Deaths by Select Countries and Overall, Africa, 2024-2025					
Geography	Confirmed Cases		Deaths		
	Total	New	Total	New	CFR
Burundi	3,714	472	1	0	0.0%
DRC	18,013	4,554	47	4	0.3%
Uganda	4,612	2,162	37	21	0.8%
Rest of Africa	1,031	345	16	6	1.6%
Total	27,370	7,533	101	31	0.4%

Table Notes: Data as of March 30, 2025; Includes confirmed clade I and II mpox cases only.

Confirmed Mpox Cases by Week and Country, Africa, 2024-2025

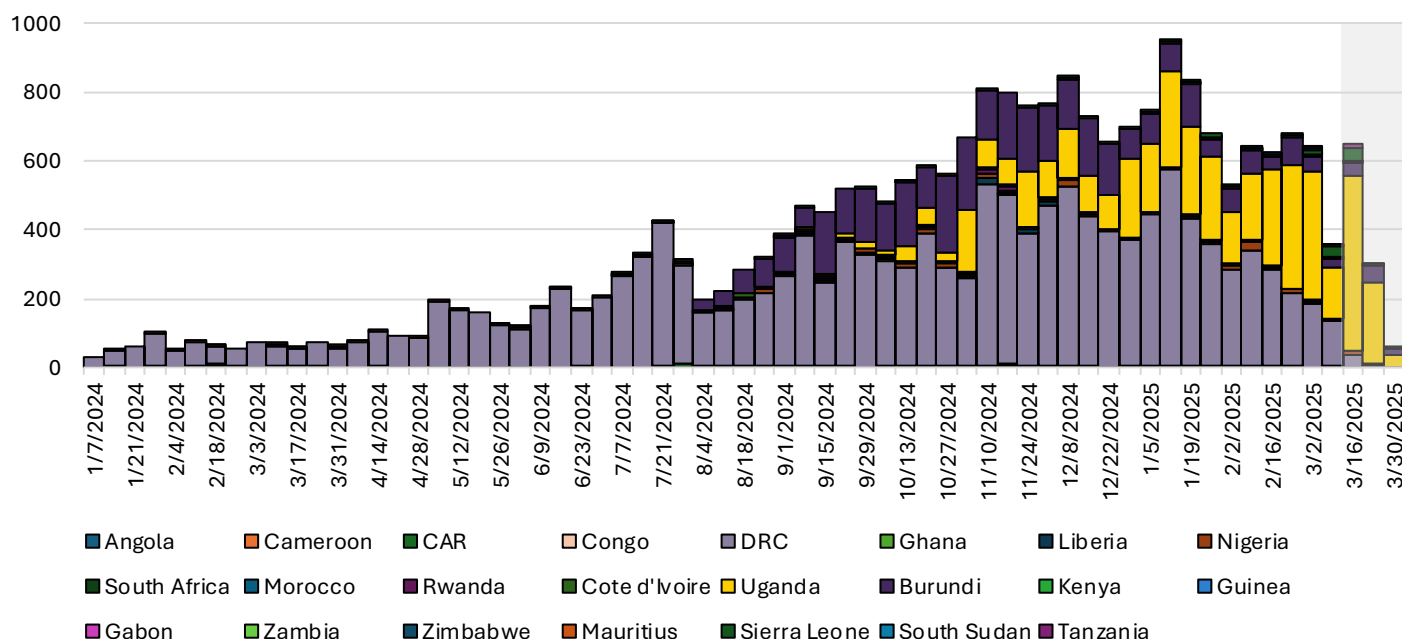


Figure Notes: Data for **confirmed clade I and II mpox cases only** as of March 30, 2025; Data presented in figure for most recent weeks (shaded in gray) should be interpreted with caution, as there are delays associated with reporting – 3,432 confirmed cases from the DRC without an assigned date are not included in figure.

On [August 14, 2024](#), the WHO declared the mpox outbreak in Africa to be a public health emergency of international concern.

The CDC currently has a [Level 2 - Practice Enhanced Precautions](#) travel notice posted regarding clade I mpox in Central and Eastern Africa.

Source: [WHO \(1APR25\)](#)

Global (Outside Africa) – Travel Associated Clade I Case Added to Qatar Totals:

According to data from the World Health Organization (WHO), as of April 1, 2025, there have been a total of 41 travel associated and 14 secondary clade I mpox cases reported outside of Africa during 2025. **Since the previous update, 1 new travel associated case was added in Qatar, although the case was reported to the WHO in February.** All travel associated cases have been clade Ib mpox except for a single clade Ia mpox case that was reported in Ireland. All travel associated cases have been linked to travel to countries in Central or Eastern Africa or the United Arab Emirates (UAE).

Travel Associated Clade I Mpox Cases, Rest of the World (Outside Africa), 2024-2025							
Country	Travel Associated Cases					Secondary Cases	
	Total	Clade Ia	Clade Ib	New	Travel Link	Total	New
Belgium	2	0	2	0	Rwanda & Central Africa	3	0
Brazil	1	0	1	0	DRC	0	0
Canada	1	0	1	0	Eastern Africa	0	0
China	2	0	2	0	UAE & DRC	5	0
France	2	0	2	0	Eastern & Central Africa	0	0
Germany	5	0	5	0	Eastern Africa, Rwanda & NA ¹	3	0
India	1	0	1	0	UAE	0	0
Ireland	1	1	0	0	DRC	0	0
Oman	1	0	1	0	UAE	0	0
Pakistan	1	0	1	0	UAE	0	0
Qatar	3	0	3	1	Uganda & Rwanda	0	0

Sweden	1	0	1	0	Eastern Africa	0	0
Thailand	4	0	4	0	UAE & DRC	0	0
United Arab Emirates	1	0	1	0	Uganda	0	0
United Kingdom	7	0	7	0	Uganda & Eastern Africa	3	0
United States	4	0	4	0	Eastern & Central Africa	0	0
California	1	0	1	0	Eastern Africa	0	0
Georgia	1	0	1	0	Eastern Africa	0	0
New Hampshire	1	0	1	0	Eastern Africa	0	0
New York	1	0	1	0	Central Africa	0	0
Total	41	1	40	1	-	14	0

Table Notes: Data as of April 1, 2025; ¹Place of origin listed as NA by WHO.

The New York State (NYS) Department of Health has issued a [Health Advisory](#) regarding the travel associated clade I mpox case detected in the state and requesting that providers maintain a high degree of vigilance and have a raised index of suspicion for persons presenting with identified mpox symptoms.

Sources: [WHO \(1APR25\)](#)

Non-Seasonal Influenza

India – Media Reports Fatal Human Case Among Toddler (H5N1):

According to the Center for Infectious Disease Research and Policy (CIDRAP), media outlets in India are reporting a fatal human case of H5N1 infection among a 2-year-old from Andhra Pradesh State that died on March 15, 2025. Reports state that the confirmatory testing conducted by the National Virology Institute in Pune was positive for H5N1, although the clade involved is currently unknown. India last reported a human H5N1 infection in 2021 among an 11-year-old with underlying medical conditions that was also fatal.

Sources: [CIDRAP \(2APR25\)](#), [PTI \(2APR25\)](#), [ProMED \(2APR25\)](#)

United States – New Livestock and Poultry Flock Detections Reported (HPAI):

Confirmed HPAI Detections among Livestock

According to data from the United States Department of Agriculture (USDA), as of April 2, 2025, there have been a total of 1,000 confirmed highly pathogenic avian influenza (HPAI) detections among livestock in 18 states in the US since March 2024. **Since the previous update, a total of 4 new detections were reported. In the past 30 days, there have been a total of 20 detections reported in Idaho (11) and California (9), all among dairy cattle.**

HPAI Detections Among Livestock by Species, United States, Past 30 Days			
States with Detections	Species		
	Cattle	Swine	Alpacas
2	20	0	0

Table Notes: Data as of April 2, 2025.

Confirmed HPAI Detections among Commercial and Backyard Poultry Flocks

According to data from the USDA, as of April 2, 2025, there have been a total of 1,675 confirmed HPAI detections among commercial and backyard poultry flocks in all 50 states in the US and Puerto Rico since February 2022. **Since the previous update, a total of 7 new detections were reported. In the past 30 days, there have been a total of 65 detections reported in 19 states, among commercial (12) and backyard (40) flocks.**

HPAI Detections Among Poultry by Flock Type, United States, Past 30 Days		
States with Detections	Flock Type	
	Commercial	Backyard
19	12	40

Table Notes: Data as of April 2, 2025.

HPAI Detections Among Poultry Flocks by State, United States, Past 30 Days

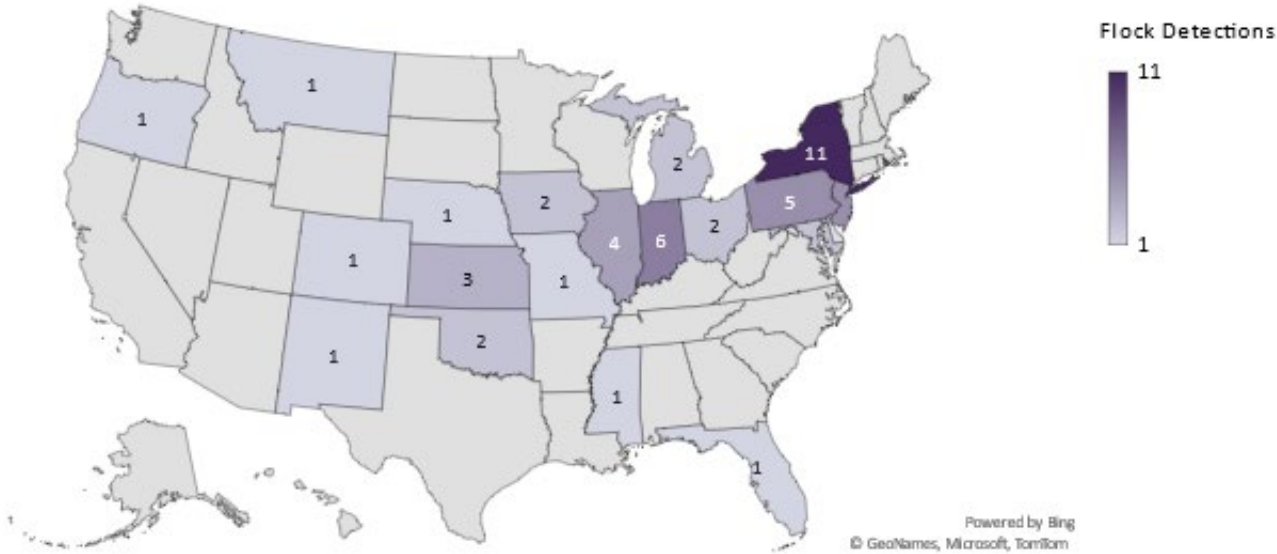


Figure Notes: Data as of April 2, 2025.

Influenza A(H5N1) Detections Among Humans

According to data from the United States (US) Centers for Disease Control and Prevention (CDC), as of April 2, 2025, there have been a total of 70 confirmed and 7 probable human H5N1 cases and [1 death](#) with various exposures reported in 13 states in the US since March 2024. **Since the previous update, no new human cases were reported.**

Confirmed Human H5N1 Cases by State and Exposure Source, United States, 2024-2025					
State	Exposure Source				State Total
	Cattle ¹	Poultry ¹	Other Animal ²	Unknown	
California	36	0	0	2	38
Colorado	1	9	0	0	10
Iowa	0	1	0	0	1
Louisiana	0	0	1	0	1
Michigan	2	0	0	0	2
Missouri	0	0	0	1	1
Nevada	1	0	0	0	1
Ohio	0	1	0	0	1
Oregon	0	1	0	0	1
Texas	1	0	0	0	1
Washington	0	11	0	0	11
Wisconsin	0	1	0	0	1
Wyoming	0	0	1	0	1
Total	41	24	2	3	70

Table Notes: Data as of April 2, 2025; Only cases confirmed by CDC are included; ¹Exposure associated with commercial agriculture and related operations; ²Exposure related to other animals such as backyard poultry flocks, wild birds, or other mammals.

Confirmed Human H5N1 Cases by EPI Week, United States, March 2024 - March 2025

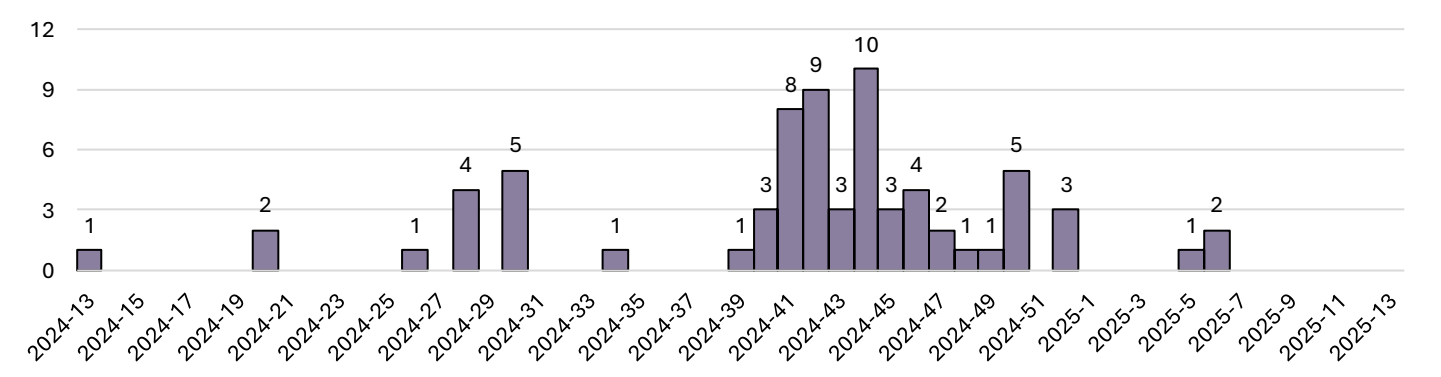


Figure Notes: Data as of April 2, 2025; Only cases confirmed by CDC are included.

While the **current risk to public health is classified as low**, the CDC is carefully monitoring the situation and leveraging its flu surveillance systems for H5N1 activity in humans, which have not indicated any sign of unusual activity. **There has been no documented evidence of human-to-human transmission.**

The CDC and USDA update the metrics included in this summary regularly and provide additional information and resources at the links below. HPAI, including H5N1, has been detected in other [mammals](#) and [wild birds](#) in the United States since 2022 and continues to be detected nationally, and in New York State.

Sources: [USDA \(3APR25\)](#), [USDA \(3APR25\)](#), [CDC \(2APR25\)](#), [PAHO \(3APR25\)](#)

Pertussis

United States – Case Numbers Continue to Climb and 2 Infant Deaths Reported:

According to provisional data from the United States (US) Centers for Disease Control and Prevention (CDC), as of March 22, 2025, there have been a total of 6,623 pertussis cases and [2 deaths](#) (both among infants in Louisiana) reported in the US during 2025. **Since the previous update, a total of 469 new cases were reported, of which 138 had symptom onset during the most recent reporting week ending March 22, 2025 (a decrease of 13% of compared to the prior week).**

Pertussis Cases by Region with Prior Year Comparison, United States, 2025				
Reporting Area	Cases			
	Current Week	Cumulative 2025	Cumulative 2024	Ratio
New England	0	132	44	3.0
Middle Atlantic	22	479	809	0.6
East North Central	18	1,428	518	2.8
West North Central	5	483	167	2.9
South Atlantic	17	672	249	2.7
East South Central	17	623	59	10.6
West South Central	2	262	101	2.6
Mountain	29	877	393	2.2
Pacific	28	1,667	429	3.9
US Territories	0	0	9	0.0
Total	138	6,623	2,778	2.4

Table Notes: Data as of March 22, 2025; Case counts for 2024 and 2025 are provisional and subject to change; New York State is included in the Middle Atlantic Reporting Area.

Reported case totals for the US are 2.4-fold higher compared to reported case totals during the same period in 2024 and vary by reporting area. During 2024, reported case totals were 5.0-fold higher compared to reported case totals during 2023, representing a return to pre-pandemic trends and the highest annual number of reported cases since 2012 (48,277). A total of 10 pertussis deaths were reported during 2024.

Pertussis Cases by Year, United States, 2010-2025

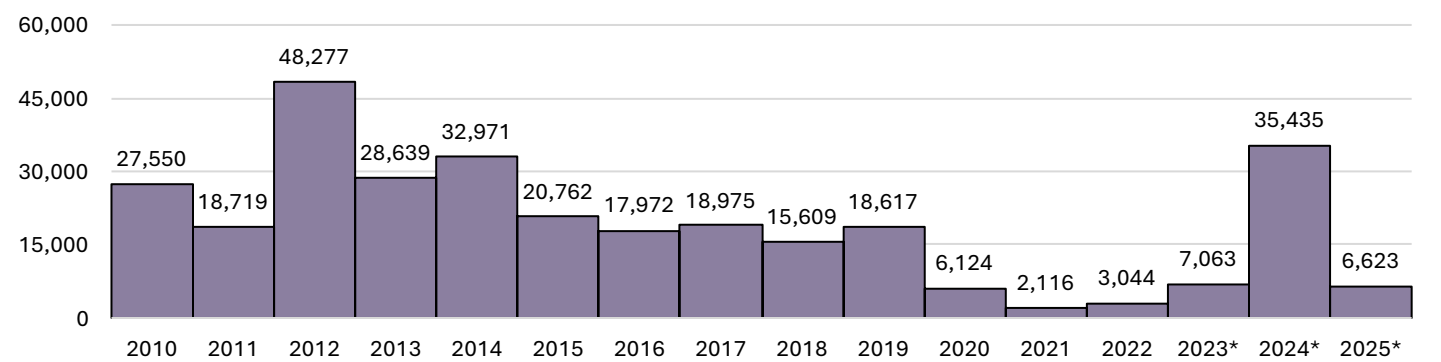


Table Notes: Data as of March 22, 2025; Case counts for 2023-2025 are provisional and subject to change.

Sources: [NNDSS](#), [CDC \(13JAN25\)](#), [CDC \(JAN25\)](#), [CDC \(23JUL24\)](#)

Polio

Global – New cVDPV2 Cases Detected in Chad:

According to data from the Global Polio Eradication Initiative (GPEI) as of March 31, 2025, there have been a total of 7 confirmed wild poliovirus type 1 (WPV1) cases and 17 circulating vaccine derived poliovirus type 2 (cVDPV2) cases with onset of paralysis during 2025 reported this year. **Since the previous update, a total of 2 new confirmed cVDPV2 cases were reported in Chad (2).**

Confirmed Poliovirus Cases with Onset of Paralysis During Current Year by Type, Global, 2025								
Country	Confirmed Cases							
	WPV1	New	cVDPV1	New	cVDPV2	New	cVDPV3	New
Afghanistan	1	0	0	0	0	0	0	0
Angola	0	0	0	0	1	0	0	0
Chad	0	0	0	0	5	2	0	0
Djibouti	0	0	0	0	1	0	0	0
Nigeria	0	0	0	0	10	0	0	0
Pakistan	6	0	0	0	0	0	0	0
Total	7	0	0	0	17	2	0	0

Table Notes: Data as of March 31, 2025.

The United States (US) Centers for Disease Control and Prevention (CDC) has a [Level 2 - Practice Enhanced Precautions](#) travel notice posted regarding polio globally, as some international destinations have circulating poliovirus.

Sources: [GPEI \(cVDPV\)](#), [GPEI \(WPV\)](#)

Seasonal Influenza

United States – High Severity Season Activity Continues to Decline:

According to estimates from the from the United States (US) Centers for Disease Control and Prevention (CDC), **as of March 15, 2025, there have been an estimated 44 million influenza (flu) infections, 580,000 flu hospitalizations, and 25,000 deaths in the US during 2025.** Additionally, according to CDC data as of the same date, there have been a total of 159 pediatric flu deaths, an increase of 8 new deaths compared to the prior week. **The CDC has classified the current 2024-2025 flu season as a high severity season for all ages for the first time since the 2017-2018 flu season.**

Influenza Season Metrics, United States, 2024-2025 Season				
Estimated			Pediatric Deaths	
Infections	Hospitalizations	Deaths	Total	New
44 Million	580,000	25,000	159	8

Table Notes: Data as of March 22, 2025; Infections, hospitalizations, and deaths are estimated by CDC.

According to data from the [Influenza Hospitalization Surveillance Network \(FluSurv-NET\)](#), as of March 22, 2025, the weekly hospitalization rate among laboratory confirmed cases has declined to 2.0 per 100,000 population.

Laboratory Confirmed Influenza Hospitalizations by EPI Week, Rate per 100,000, United States, 2017-2025

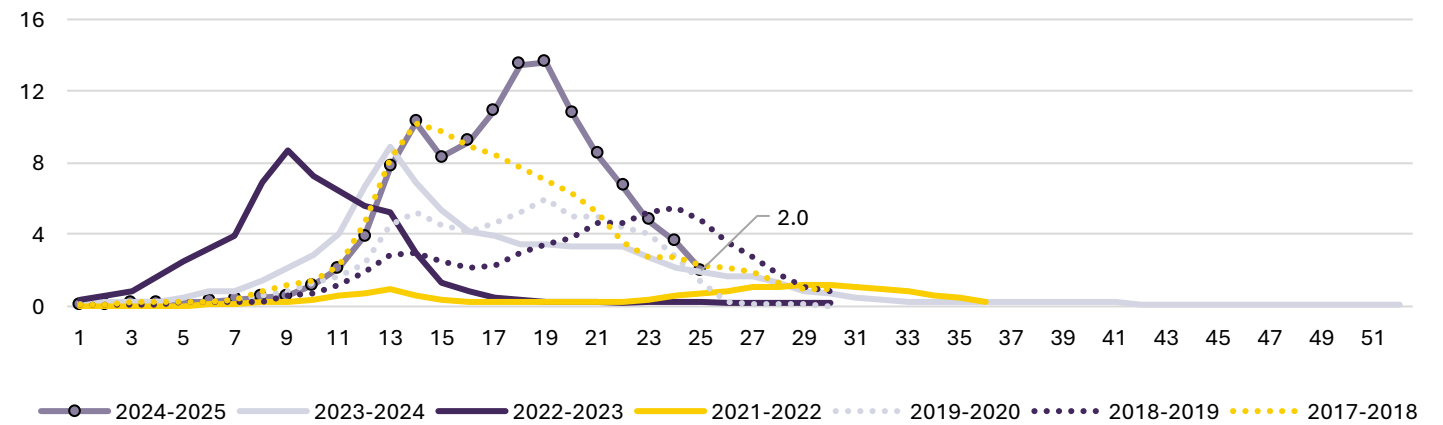


Figure Notes: Data as of March 22, 2025; FluSurv-NET Members include California, Colorado, Connecticut, Georgia, Maryland, Michigan, Minnesota, New Mexico, New York, North Carolina, Ohio, Oregon, Tennessee, and Utah; ¹Data for 2020-2021 season unavailable.

According to National Center for Health Statistics (NCHS) Mortality Surveillance Data, as of March 22, 2025, the weekly percentage of deaths from flu decreased to 1.3% but remains elevated compared to prior flu seasons and is higher than the percentage of deaths from COVID-19 during the same week (0.8%).

Percentage of Deaths From Influenza by EPI Week, United States, 2017-2025

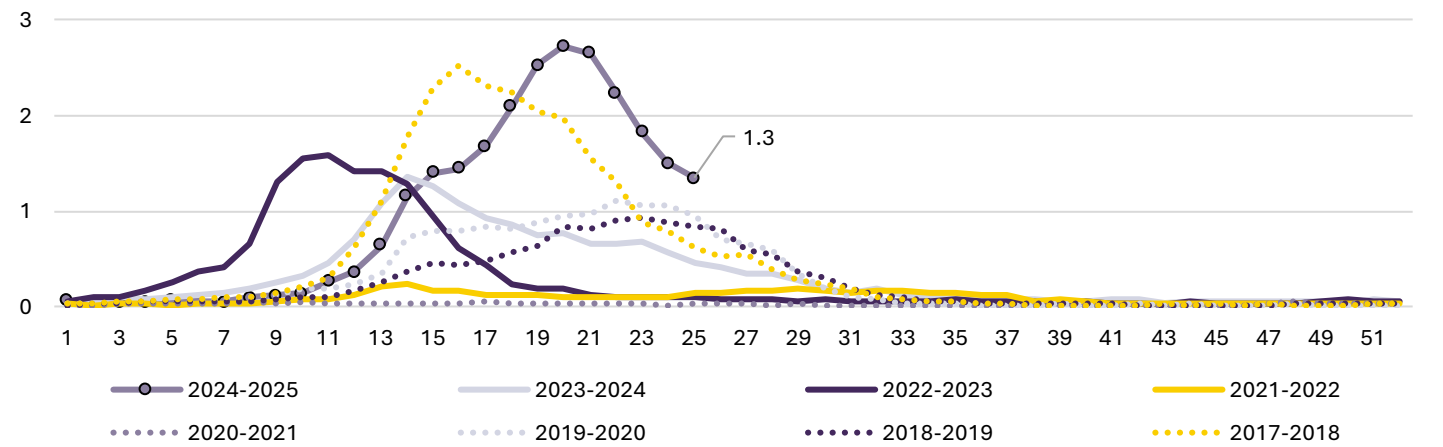


Figure Notes: Data as of March 22, 2025.

While seasonal flu activity has peaked and has been decreasing for many consecutive weeks, the CDC is expecting several more weeks of activity.

The New York State (NYS) Department of Health publishes [statewide influenza activity reports](#) on a weekly basis.

Sources: [FluView](#), [CDC \(31MAR25\)](#)

Yellow Fever

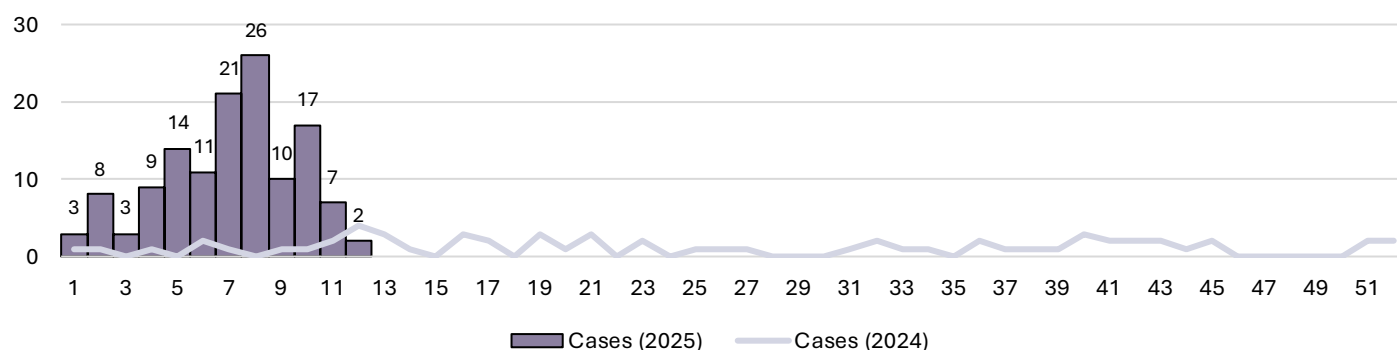
Region of the Americas – PAHO Warns of Increase in Human Cases:

According to data from the Pan American Health Organization (PAHO), as of March 25, 2025, there have been a total of 131 confirmed human cases of yellow fever and 53 deaths (CFR: 40.5%) reported in the Region of the Americas during 2025. **Since the previous update, a total of 117 new human cases and 23 deaths were reported.**

Yellow Fever Cases and Deaths, Region of the Americas, 2025				
Confirmed Cases		Deaths		
Total	New	Total	New	CFR
131	117	53	23	40.5%

Table Notes: Data as of March 25, 2025.

Yellow Fever Cases by EPI Week of Symptom Onset, Region of the Americas, 2024-2025



Cases have been detected in Brazil (61.8%), Colombia (23.7%), Peru (13.7%), and Bolivia (0.8%), primarily among those not vaccinated against yellow fever (95.4%). The total number of cases reported during 2025 has exceeded the total number of cases reported during 2024 (61).

On [February 3](#) and [March 26](#), 2025, the PAHO released Epidemiological Alerts regarding the increase in human cases of yellow fever during 2025, calling for at-risk populations to be vaccinated and those traveling to areas where vaccination is recommended to be properly informed and protected against yellow fever.

Sources: [PAHO \(26MAR25\)](#), [PAHO \(3FEB25\)](#), [PAHO \(31MAR25\)](#)