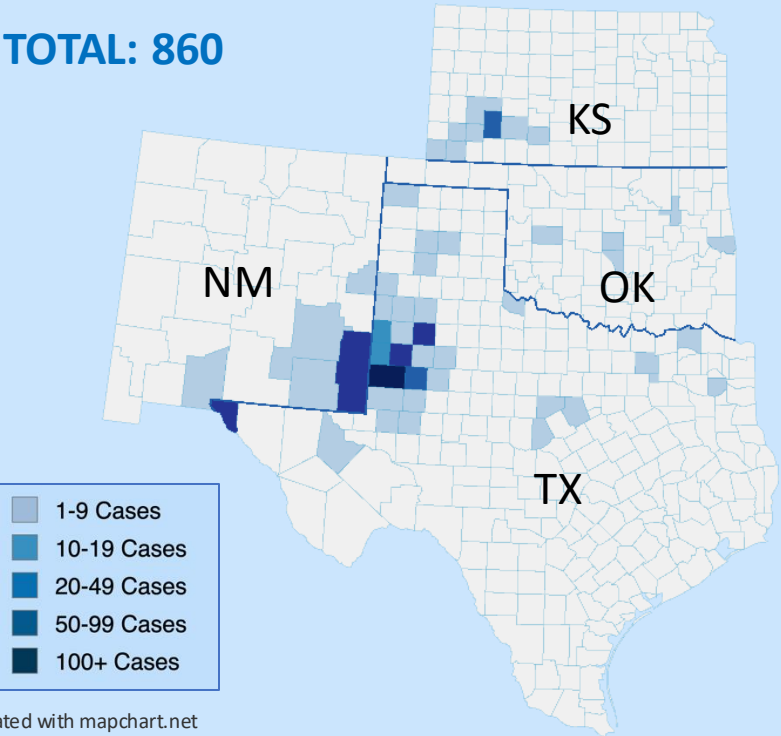





YALE SCHOOL OF PUBLIC HEALTH - ESF-8 VIRTUAL MEDICAL OPERATION CENTER SPECIAL REPORT

MEASLES OUTBREAK - SOUTHWEST U.S. - 2025

TOTAL: 860



MORBIDITY AND MORTALITY

STATE	CASES 	HOSPITALIZATIONS 	DEATHS 
TX	718 (+6)*	93 (+1)	2
NM	71	7	1
OK	17	0	0
KS	54 (+6)	2 (+1)	0
TOTAL	860 (+12)	102 (+2)	3

*This includes El Paso's numbers that were posted after TX posted its numbers

BACKGROUND

TIMELINE

CURRENT SITUATION

EL PASO

EPI CURVE / CASES OVER TIME

EPI SUMMARY

US OUTLOOK

MEXICO

CANADA

CONTRIBUTORS

5/14/2025
2300 HRS EDT

RISK ASSESSMENT IN OUTBREAK AREAS

Risk for Localized Spread	Risk to unvaccinated populations in and around the outbreak areas	Risk to Children	Potential for sustained transmission
HIGH	HIGH	HGH	HIGH

LINKS

TEXAS LINKS

- [TEXAS DEPARTMENT OF STATE HEALTH SERVICES](#)
- [FACEBOOK | X](#)
- [HEALTH ALERTS](#)
- [THE SOUTH PLAINS PUBLIC HEALTH DISTRICT](#)

NEW MEXICO LINKS

- [NEW MEXICO DEPARTMENT OF HEALTH](#)

OKLAHOMA LINKS

- [OKLAHOMA STATE DEPARTMENT OF HEALTH](#)

KANSAS

- [KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT](#)

RESOURCES FOR HEALTHCARE PROVIDERS

- [CDC – MEASLES FOR THE HEALTHCARE PROFESSIONALS](#)
- [CDC VIDEO: MEASLES CLINICAL FEATURES AND DIAGNOSIS](#)
- [CDC CLINICAL IMAGES OF MEASLES](#)
- [CDC LABORATORY TESTING FOR MEASLES](#)
- [CDC ROUTINE VACCINATION RECOMMENDATIONS](#)
- [CDC ISOLATION RECOMMENDATIONS](#)
- [CDC: MEASLES CONTROL IN HEALTHCARE SETTINGS](#)
- [CDC ALERT SIGN INFOGRAPHIC](#)
- [CDC POSTER FOR OFFICE DISPLAY](#)
- [NY HEALTH: RECOGNIZING MEASLES FACT SHEET](#)
- [NY HEALTH: DEALING WITH VACCINE HESITANCY](#)
- [MEASLES POST-EXPOSURE PROPHYLAXIS](#)
- [MEASLES REVIEW FOR PROVIDERS](#)

MEASLES TESTING LABORATORIES

- [CDC MEASLES VIRUS LABORATORY](#)

RESOURCES FOR THE PUBLIC

- [CDC – MEASLES](#)
- [MEASLES CASES AND OUTBREAKS](#)
- [NYSDOH: YOU CAN PREVENT MEASLES](#)
- [CDC VIDEO: GET VACCINATED AND PREVENT MEASLES](#)
- [CDC VACCINE SHOT FOR MEASLES](#)
- [DIRECTORY FOR LOCAL HEALTH DEPARTMENTS](#)

RESOURCES FOR EMS PROVIDERS

- [GUIDANCE FOR SUSPECTED MEASLES PATIENT](#)
- [NYSDOH POLICY STATEMENT](#)

PORTALS, BLOGS, AND RESOURCES

- [CIDRAP](#)
- [CORI](#)
- [FORCE OF INFECTION](#)
- [KAISER HEALTH NEWS](#)
- [MEDPAGE TODAY](#)
- [NY STATE GLOBAL HEALTH UPDATE](#)
- [THE PANDEMIC CENTER TRACKING REPORT](#)
- [YOUR LOCAL EPIDEMIOLOGIST](#)

Yale
SCHOOL
OF PUBLIC
HEALTH

BACKGROUND

TYPE OF PUBLIC HEALTH EMERGENCY: **LARGE REGIONAL MEASLES OUTBREAK**

OVERVIEW:

A measles outbreak originating in **West Texas** has spread in the US to **New Mexico, Oklahoma, and Kansas**, resulting in **102 hospitalizations** and **3 confirmed deaths** — including **two previously healthy children** in Texas and **one adult** in New Mexico. These are the **first U.S. measles deaths since 2015**, and the **first pediatric deaths since 2003**. Genetic and epidemiological evidence suggest that this outbreak has also contributed to the current outbreak in Chihuahua, Mexico, indicating clear cross-border transmission.

THE VIRUS:

[Measles](#) is a highly contagious viral disease transmitted primarily through **respiratory droplets** from coughing or sneezing. Symptoms include **high fever, cough, runny nose, conjunctivitis**, and a distinctive **red, blotchy rash**. The virus can remain **airborne or infectious on surfaces for up to two hours**, contributing to its rapid spread.

VACCINATION & GLOBAL TRENDS

Despite being preventable through the [MMR](#) (measles, mumps, and rubella) vaccine, outbreaks continue to occur in under-vaccinated communities, leading to severe health outcomes and increased transmission risk ([CDC](#)). Over the past 20 years, vaccination rates have been declining globally, leading to a rise in certain regions, including the [United States, Canada, Mexico, South America](#), and [parts of Europe](#). In 2025, North and South America reported 11 times more cases than during the same period in 2024. In Europe, measles rates are at their highest point in 25 years.

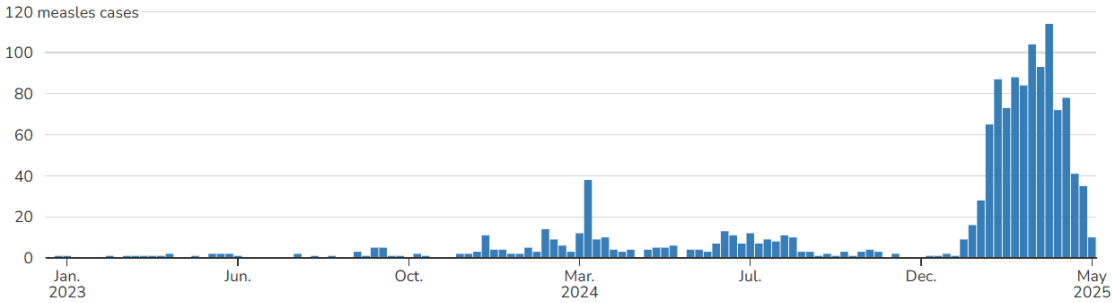
If current vaccination trends persist in the United States, measles risks becoming endemic once more, with recurrent outbreaks inevitable.

SOURCES: [CENTER FOR OUTBREAK RESPONSE \(CORI\)](#), [CDC](#), [TX MEASLES OUTBREAK](#), [NM MEASLES OUTBREAK](#), [OSDH](#), [KDHE](#), [MEASLES COULD BECOME ENDEMIC IN US IF SURGE CONTINUES, EXPERT WARNS](#)

MEASLES CASES IN 2025 - CDC

1001 (+51) CONFIRMED MEASLES CASES (AS OF 5/9/25)

2023–2025* (as of May 8, 2025)



As of May 9, 2025, a total of 1,001 confirmed* measles cases have been reported by 31 jurisdictions: Alaska, Arkansas, California, Colorado, Florida, Georgia, Hawaii, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Missouri, Montana, New Jersey, New Mexico, New York City, New York State, North Dakota, Ohio, Oklahoma, Pennsylvania, Rhode Island, Tennessee, Texas, Vermont, Virginia, and Washington.

Age

Under 5 years: 299 (30%)
5-19 years: 376 (38%)
20+ years: 311 (31%)
Age unknown: 15 (1%)

Vaccination Status

Unvaccinated or Unknown: **96%**
One MMR dose: **2%**
Two MMR doses: 2%

Percent Hospitalized: 13%

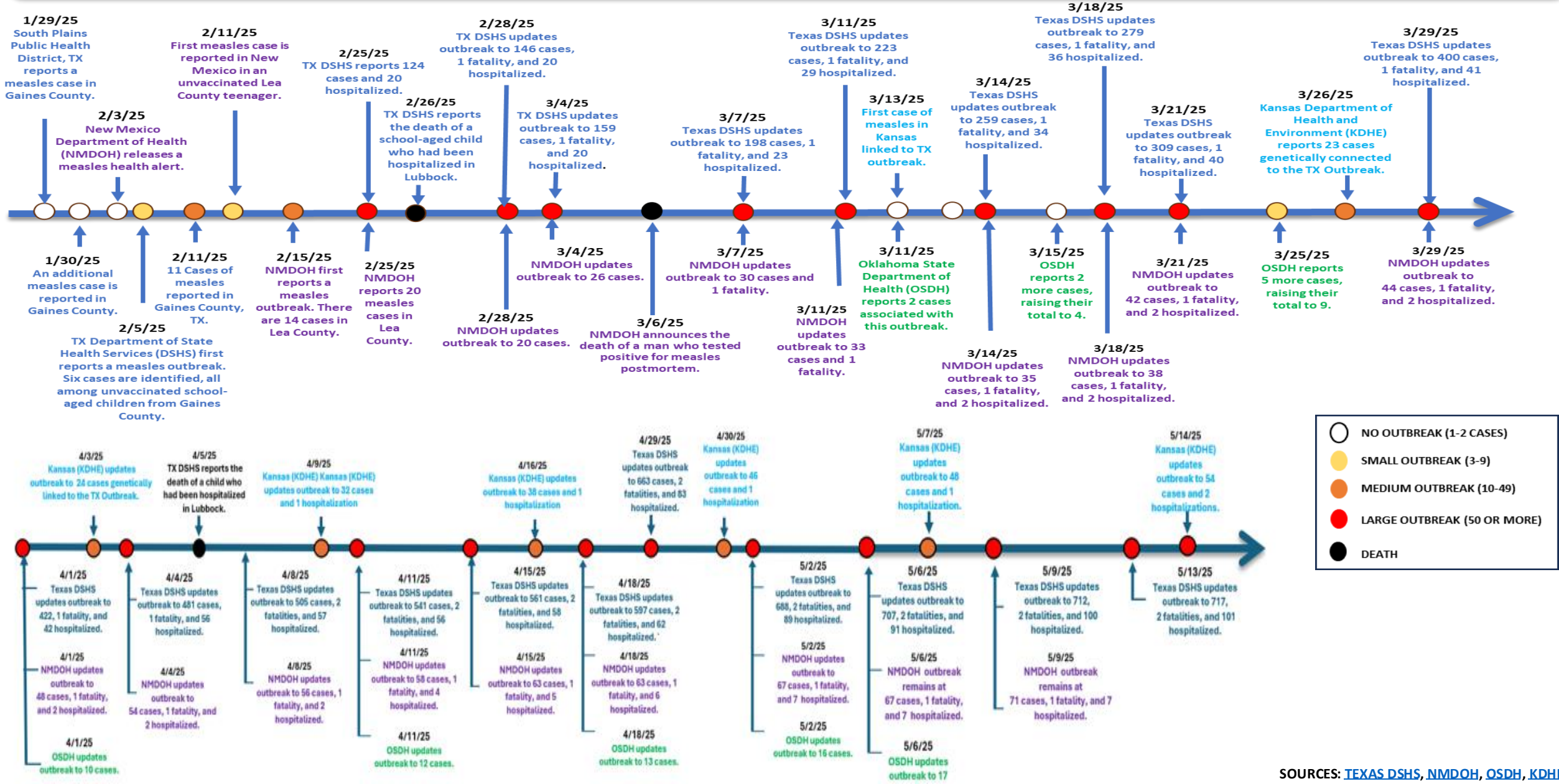
Percent by Age Group:

Under 5 years: 23% (69 of 299)
5-19 years: 9% (32 of 376)
20+ years: 7% (23 of 311)
Age unknown: 13% (2 of 15)

Deaths: 3

There have been 3 confirmed deaths from measles.

TIMELINE (JANUARY – MAY 2025)



CURRENT SITUATION

As of 5/14/25, the Southwestern outbreak has **860 cases**, including confirmed and pending cases across **Texas, New Mexico, Oklahoma**, and **Kansas**. Experts warn this is **likely a severe undercount**. The situation remains fluid, with case numbers expected to rise. Experts project the outbreak could last **up to a year**.

CURRENT CASE COUNT: 860 (As of 5/14/2025)

- **Texas: 718 (+6)** (62% of cases are in Gaines County)
- **New Mexico: 71** (92.4% of cases are from Lea County)
- **Oklahoma: 17**
- **Kansas: 54 (+6)** (38.89% of the cases are from Gray County)

HOSPITALIZATIONS: 102 (+2)

- **Texas: 93 (+1)** - This accounts for 13% of all cases in Texas.
- **New Mexico: 7** - This accounts for 9.86% of all cases in New Mexico.
- **Kansas: 2 (+1)** - This accounts for 3.7% of all cases in Kansas.

DEATHS: 3

- **Texas: 2** - This is 0.28% of all cases
- **New Mexico: 1** - This is 1.41% of all cases

US NATIONAL CASE COUNT: 1,033 (Confirmed and suspected)

INTERNATIONAL SPREAD (As of 5/14/2025)

- **Mexico: 1,220 (+155)**
 - **Chihuahua, Mexico: 1,192 (+151)** cases, 1 fatality
- **Canada: 1,960 (+93)** (Includes Ontario's outbreak, which began November 2024)
 - **Ontario, Canada – 1,440** cases, 101 hospitalizations

SOURCES: [TEXAS DSHS](#), [NMDOH](#), [OSDH](#), [KDHE](#), [MEDICHIHUAHUA](#)

TEXAS:

- The outbreak continues, though it appears to be slowing in most areas. As of May 13, 2025, DSHA estimates that fewer than 10 confirmed cases—approximately 1.0%—remain actively infectious, based on rash onset dates within the past week. However, this figure may underestimate the actual number due to delays in reporting.
- **Trajectory: A classic epidemic curve with an early**, sharp rise, suggesting a large susceptible pool and intense transmission in urban centers.
- **El Paso County is experiencing a significant uptick in measles**. Since April 4, 2025, the county has reported 53 confirmed cases, with **five hospitalizations**. The majority of these involve unvaccinated individuals or those with unknown vaccination status.
- The outbreak has been exacerbated by declining vaccination rates, particularly in communities with high nonmedical exemption rates. Gaines County, for instance, has one of the highest exemption rates in the state, with nearly 1 in 5 incoming kindergartners in the 2023–2024 class not receiving the MMR vaccine.
- DSHS has identified “designated outbreak counties” with ongoing measles transmission: **Cochran, Dallam, Dawson, Gaines, Lamar, Lubbock, Terry, and Yoakum**.

NEW MEXICO: After an initial spike, New Mexico maintained moderate transmission for six weeks before interventions, or the natural depletion of susceptible contacts, drove case counts steadily downward. The small late March bump underscores the importance of sustained control measures until transmission is fully interrupted.

OKLAHOMA: Oklahoma experienced a brief, small-scale outbreak, peaking in late March, followed by a rapid decline to sporadic, isolated cases by early May.

KANSAS:

- Since the solitary index case was detected in Stevens County on March 14, 2025, the outbreak in southwestern Kansas has maintained a steady upward climb. By April 23, KDHE had logged 37 cases; over the next two weeks, that tally rose by 11 more (a 24% increase) to 54 confirmed cases as of May 14. This translates to an average of roughly 0.8 new cases per day over the most recent fortnight, with no apparent plateau emerging.
- Transmission remains firmly entrenched across the eight affected counties—Finney, Ford, Grant, Gray, Haskell, Kiowa, Morton, and Stevens—and continues to affect those under 18 years of age disproportionately.
- "Kansas' measles outbreak is serious," Gov. Laura Kelly said in [a May 12 social media post](#). "This disease is not new, but neither is the solution. Parents, talk to your doctor and vaccinate your children to prevent the spread of this dangerous disease. The health of our communities depends on shared responsibility."

CURRENT SITUATION

AGES OF CASES:

WEST TEXAS OUTBREAK				
0-4 Years	5-17 Years	18+ Years	Pending	Total
211 (+1) (29.4%)	273 (+3) (38.0%)	229 (+2) (31.9%)	5 (0.7%)	718
NEW MEXICO OUTBREAK				
0-4 Years	5-17 Years	18+ Years	Pending	Total
19 (26.8%)	20 (28.2%)	32 (45.1%)	0	71
KANSAS OUTBREAK				
0-4 Years	5-17 Years	18+ Years	Pending	Total
18 (+3) (33.3%)	25 (+1) (46.3%)	11 (+2) (20.4%)	0	54
OKLAHOMA OUTBREAK				
0-4 Years	5-17 Years	18+ Years	Pending	Total
14 Cases Confirmed, 3 Probable – no ages provided			3	17

Genotype D8 Lineage: MVs/Ontario.CAN/47.24 — Cross-Border Circulation Summary (2024–2025)

The detection of measles virus lineage MVs/Ontario.CAN/47.24 across Canada, the United States, and Mexico supports the hypothesis of a travel-associated importation event—likely originating in Canada or involving individuals with recent international travel—in late 2024 or early 2025.

Initially identified in Ontario, this lineage has since been documented in multiple provinces on Canada; US states, including Texas, New Mexico, Oklahoma, and Kansas; and northern Mexico, particularly Chihuahua and Durango.

Its wide geographic spread and consistent genetic profile highlight the persistence of cross-border transmission, especially in regions with low vaccination coverage. Many of the reported cases

have occurred in communities with high rates of nonmedical exemptions or limited access to immunization, where population immunity is insufficient to prevent sustained outbreaks.

The emergence of MVs/Ontario.CAN/47.24 in both rural and urban settings underscores gaps in regional surveillance systems and the urgent need for improved coordination across borders in outbreak investigation, case detection, and immunization efforts. Its continued spread serves as a critical reminder of measles’ high transmissibility and the threat posed by even a single imported case in under-immunized populations.

CANADA: Genotype D8, specifically lineage **MVs/Ontario.CAN/47.24**, was first detected in **Ontario** in late 2024. By early 2025, the lineage had been identified in **57 confirmed cases**, primarily in Ontario, with additional cases reported in **Quebec, Manitoba, and British Columbia**. Most cases occurred among **unvaccinated individuals**. (Source: [PAHO](#))

UNITED STATES: Although specific lineages are not always reported, **genotype D8** has been the predominant strain in recent outbreaks across **Texas, New Mexico, Oklahoma, and Kansas**. Genetic sequencing has linked the virus circulating in the U.S. to the same D8 lineage found in Canada and Mexico, suggesting **cross-border transmission**. However, the precise source of initial introduction remains undetermined. (Source: [WHO](#))

MEXICO: In February 2025, a case of measles in **Chihuahua** was confirmed to be of **genotype D8, lineage MVs/Ontario.CAN/47.24**. Contact tracing and enhanced surveillance efforts identified **17 additional related cases**, confirming **local transmission** of this lineage. (Source: [El Diario de Chihuahua](#), [PAHO](#))

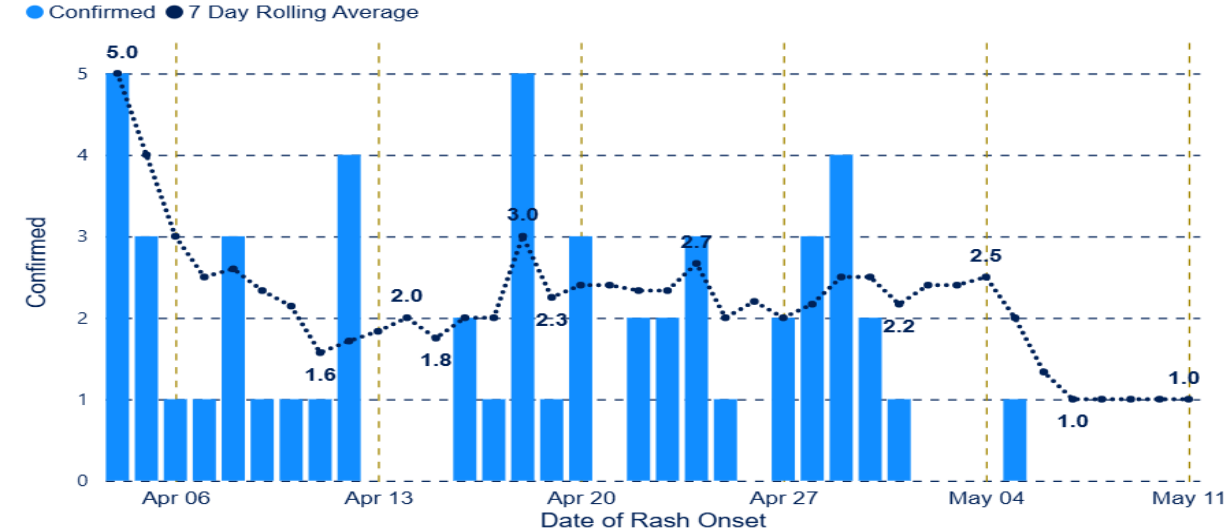
CURRENT SITUATION: EL PASO

Confirmed Cases by Age			
Age	Cases	Hospitalizations	Deaths
0-4	14	2	0
5-17	4	0	0
18+	35	3	0
TOTAL	53	5	0

Hospitalizations	
Hospitalization Status	Number
Current	1
Previously	4
TOTAL	5

Vaccination Status	
Status	Number
Unvaccinated	22
Unknown	19
1 Dose	6
2 Doses	6
TOTAL	53

Cases by Gender	
Gender	Cases
Male	24
Female	29
TOTAL	53



SOURCES: DSHS, KVIA, KTSM, KFOX, KISS.FM, YISD, PBS, EL PASO MEASLES OUTBREAK DASHBOARD, KTSM

- With a population of approximately 679,000, El Paso recorded its first five confirmed measles cases on April 4, 2025. By May 9, 2025, the City of El Paso Department of Public Health had reported 53 confirmed cases in the region: 35 among adults (≥ 18 years) and 14 among young children (< 4 years).
- As of May 2025, El Paso County’s two-dose measles vaccination coverage stands at 96%. However, this figure masks under-immunized pockets—roughly 4% of the population, or about 27,000 individuals, remain unvaccinated and at risk.
- High-volume daily travel across the Paso del Norte border with Ciudad Juárez and along Interstates 10 and 20—which link El Paso and Gaines County to major urban centers like San Antonio, Houston, and Dallas—has facilitated transmission, with contact tracing and genomic sequencing linking the Chihuahua outbreak (first detected late February 2025) to Gaines County and confirming genotype D8 on both sides of the U.S.–Mexico border.
- Public health outreach efforts are hampered by language barriers, pervasive misinformation, and fears of deportation among undocumented residents, while early transmission events traced to malls, retail stores, and restaurants underscore the vulnerability of crowded urban venues.

KEY CONCERNS

- POCKETS OF SUSCEPTIBILITY IN SCHOOLS AND DAYCARES:** Even with high overall coverage, small clusters of unvaccinated or under-vaccinated children, particularly in certain schools and childcare settings, can sustain transmission.
- PUBLIC HEALTH RESOURCE STRAIN:** To keep pace with demand, the El Paso Department of Public Health has expanded clinic hours—including Saturday pop-ups—and is maintaining an [online dashboard](#) of exposure sites, rather than issuing frequent news releases. Continued vaccination drives and contact-tracing efforts are taxing staffing and logistics.
- BINATIONAL COORDINATION CHALLENGES:** High daily movement across the U.S.–Mexico border complicates contact tracing and synchronized vaccination campaigns. Aligning outreach, culturally-appropriate messaging, and immunization activities on both sides remains critical to preventing further spread

CURRENT SITUATION: VACCINATION STATUS

STATE	VACCINATED WITH 1 DOSE	VACCINATED WITH 2 DOSES	UNVACCINATED/ UNKNOWN	TOTAL CASES
TX	13	17	687*	718*

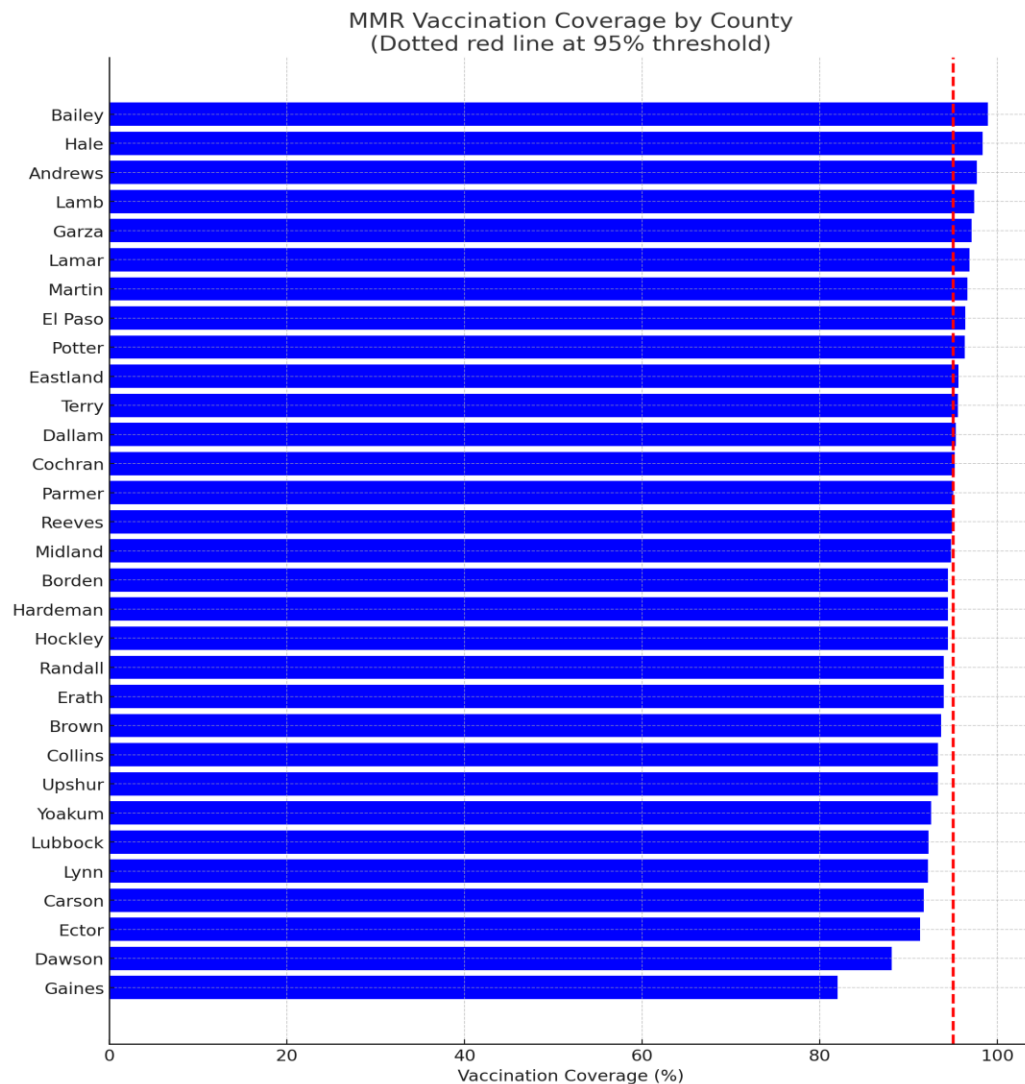
NOTE: The TX unvaccinated/unknown category includes people with no documented doses of measles vaccine more than 14 days before symptom onset.

Numbers adjusted based on additional information from El Paso after TX DSHS update.

STATE	VACCINATED WITH AT LEAST ONE DOSE	NOT VACCINATED	UNKNOWN	TOTAL CASES
NM	9	48	14	71

STATE	VACCINATED WITH ONE DOSE	VACCINATED WITH TWO DOSES	UNVACCINATED/ UNKNOWN	TOTAL CASES
OK	0	1	16	17

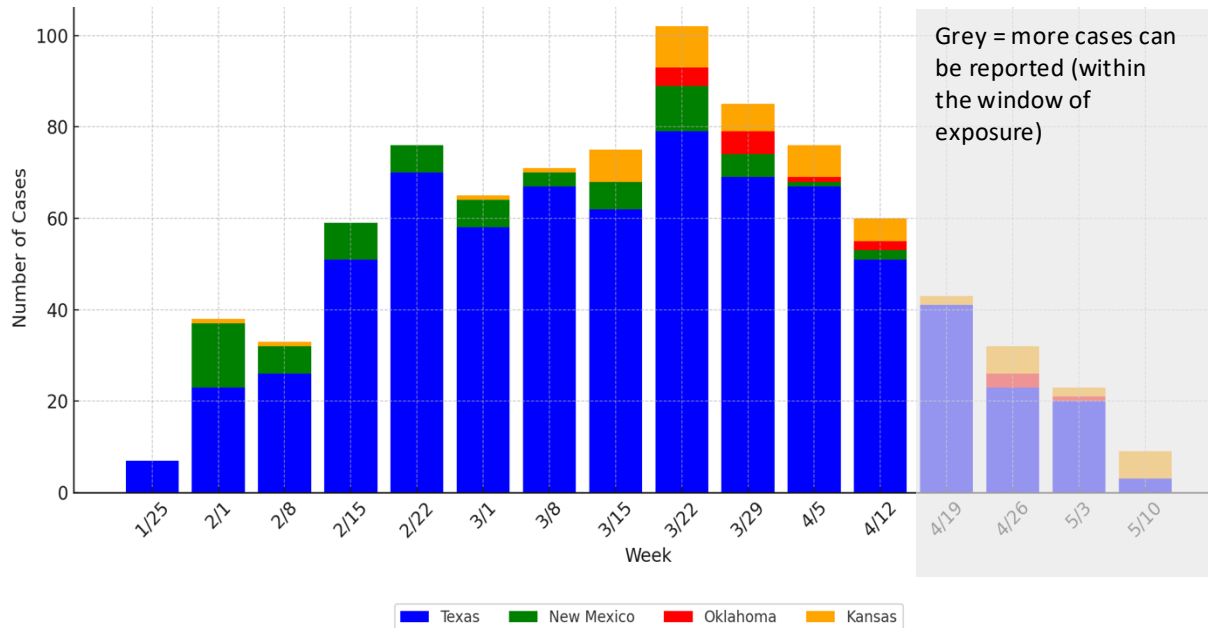
STATE	AGE APPROPRIATELY VACCINATED	NOT AGE APPROPRIATELY VACCINATED	NOT VACCINATED	PENDING VERIFICATION/ UNABLE TO VERIFY	TOTAL CASES
KS	5	1	4045	3	54



Among the affected counties in TX, 18 out of 32 are below a 95% vaccination rate, the recommended rate for herd immunity (SOURCE: [Annual Report on Immunization Status and CORI](#)).

EPI CURVE AND CASES OVER TIME

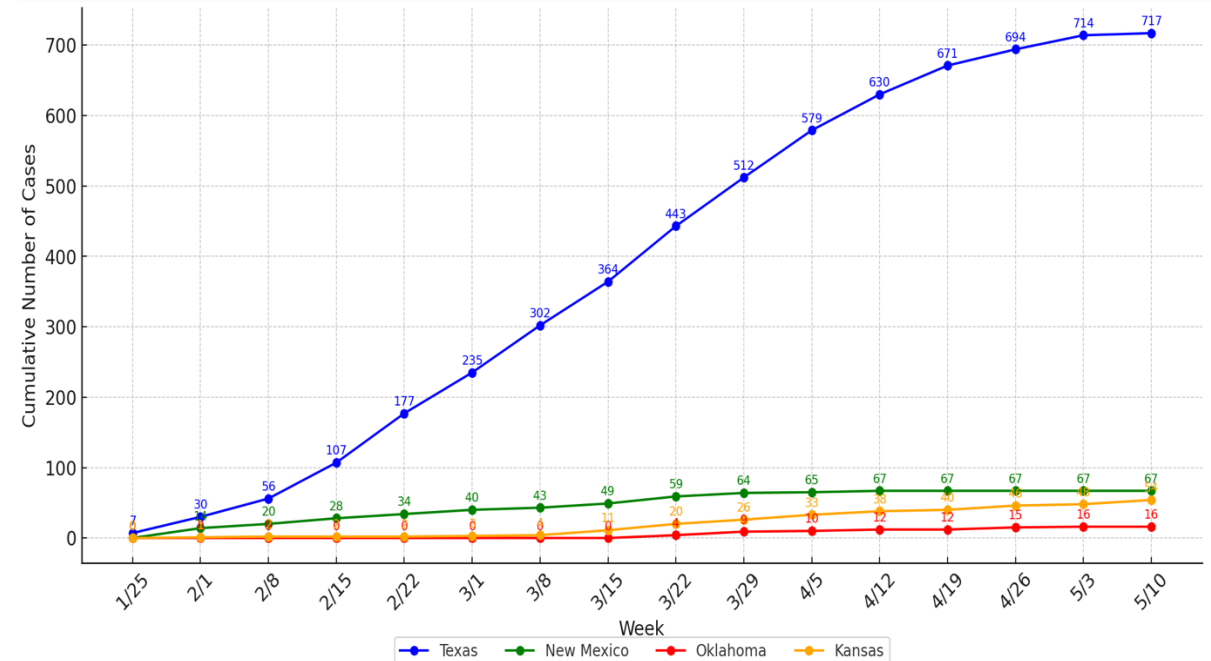
SOUTHWEST MEASLES OUTBREAK – EPI CURVE (AS OF 5/14/2025)



The number of new cases per week remains high.

- **TX:** Reported first case the week of 1/25/25.
- **NM:** Reported first cases the week of 2/8/25.
- **OK:** Reported first cases the week of 3/15/25.
- **KS:** Reported first cases the week of 3/15/25.

SOUTHWEST MEASLES OUTBREAK – CUMULATIVE CASES OVER TIME (AS OF 5/14/2025)



Cases are rising, but at a slower pace in some areas.

- **TX:** A total of 718 cases across 32 counties.
- **NM:** A total of 71 cases across 5 counties.
- **OK:** A total of 17 cases have been reported.
- **KS:** A total of 54 cases across 8 counties.

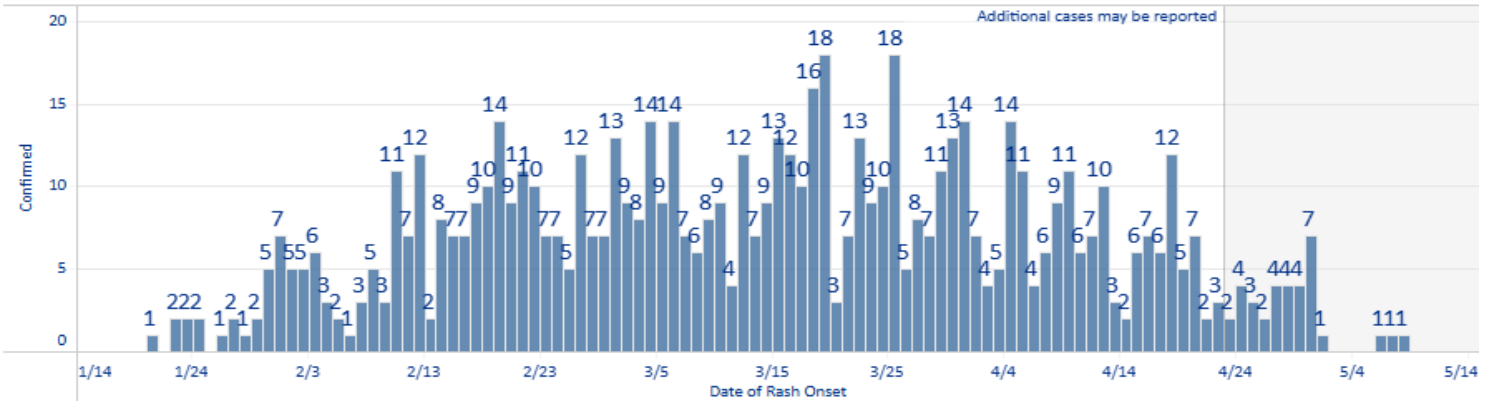
EPI SUMMARY - TEXAS

(n=712) AS OF 5/9

COUNTY	MEASLES CASES (NUMBER OF NEW CASES)	% of TOTAL CASES	% KINDERGARTENERS VACCINATED (2023-2024)	# OF SCHOOL DISTRICTS IN EACH COUNTY WITH MMR BELOW 95%
Andrews	3	0.42%	97.70%	0
Bailey	2	0.28%	98.94%	0
Borden	1	0.14%	94.44%	1
Brown	1	0.14%	93.64%	5
Carson	1 (New)	0.14%	91.67%	3
Cochran	14	1.97%	95.20%	1
Collins	1 (New)	0.14%	93.31%	16
Dallam	7	0.98%	95.30%	2
Dawson	26	3.65%	88.10%	4
Eastland	2	0.28%	95.63	2
Ector	11	1.54%	91.30%	5
El Paso	53	7.44%	96.37%	8
Erath	1	0.14%	93.94%	5
Gaines	405 (+2)	56.49%	82.00%	3
Garza	2	0.28%	97.10%	0
Hale	6	0.84%	98.30%	2
Harderman	1	0.14%	94.40%	3

COUNTY	MEASLES CASES (NUMBER OF NEW CASES)	% of TOTAL CASES	% KINDERGARTENERS VACCINATED (2023-2024)	# OF SCHOOL DISTRICTS IN EACH COUNTY WITH MMR RATES BELOW 95%
Hockley	6	0.84%	94.40%	3
Lamar	19	2.67%	96.84%	0
Lamb	1	0.14%	97.37%	1
Lubbock	52 (+1)	7.16%	92.25%	8
Lynn	2	0.28%	92.16%	2
Martin	3	0.42%	96.59%	1
Midland	3	0.42%	94.77%	4
Parmer	5	0.70%	95.04%	1
Potter	2	0.28%	96.32%	3
Randall	1	0.14%	93.95%	1
Reeves	1	0.14%	94.92%	1
Rockwell	1	0.14%	91.47	2
Terry	60	8.43%	95.52%	2
Upshur	5	0.70%	93.3	2
Yoakum	20	2.81%	92.50%	1

OUTBREAK CASES BY DATE OF RASH ONSET



SOURCES: [Measles Outbreak – May 13, 2025](#) | [Texas DSHS](#)

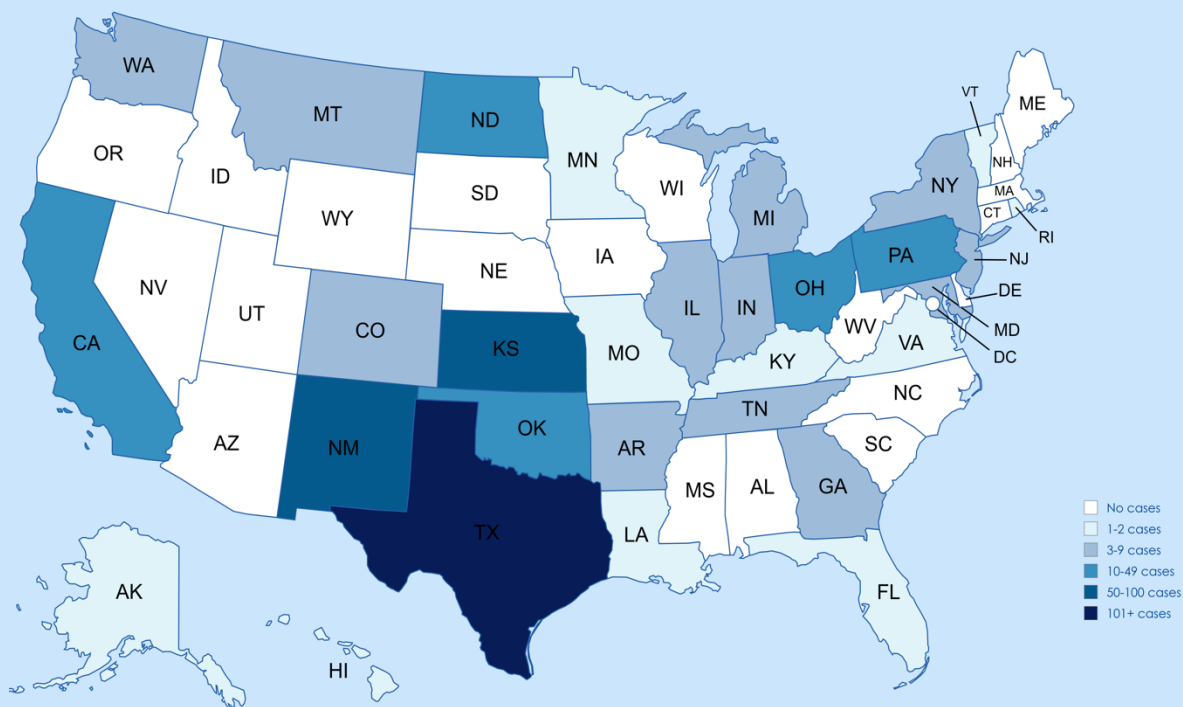
EPI SUMMARY (KS, NM, OK)

COUNTY	MEASLES CASES (NUMBER OF NEW CASES)	% of TOTAL CASES	% KINDERGARTENERS VACCINATED (2023-2024)
KANSAS (n=48) AS OF 5/9/2025			
Finney	Between 1- 5		98%
Ford	Between 1- 5		87%
Grant	Between 1- 5		99%
Gray	21 (+6)	38.89%	66%
Haskell	8	14.81%	58%
Kiowa	6	11.11%	92%
Morton	Between 1- 5		82%
Stevens	7	12.96%	83%
Kansas has reported 2 additional cases NOT associated with the outbreak, in Reno and Sedgwick Counties.			
NEW MEXICO (n=71) AS OF 5/9/2025			
Chaves	1	1.41%	98%
Curry	1 (NEW)	1.41%	95%
Doña Ana	1	1.5%	95%
Eddy	3	3.%	93%
Lea	64 (+3)	94%	94%
Note: Those 18 years or younger have a 95% vaccination rate. 63% of adults have received one shot of MMR, and only 55% have received both shots, according to local health officials, though they noted that there may be vaccinated adults whose records have not been added to the system. Adults make up more than half of reported cases in New Mexico.			
OKLAHOMA (n=17) AS OF 5/9/2025			
Tulsa and Cherokee Nation	16	Insufficient Information	89.5%

US OUTLOOK

** NOTE: The information on this page has been gathered by reviewing data from state and local health departments, news media sources, and the Center for Outbreak Response Innovation (CORI)*

1,033*



The increase in measles cases can be attributed to falling vaccination rates and increased importation of travel-related cases, which occur when unvaccinated people acquire measles abroad and bring it back to the U.S.

STATE	CASES
TEXAS **	733
NEW MEXICO	71
KANSAS	56
OHIO	34
OKLAHOMA	17
PENNSYLVANIA	13
NORTH DAKOTA	12
CALIFORNIA	11
MICHIGAN	9
ILLINOIS	8
INDIANA	8
MONTANA	7
NEW YORK	7
ARKANSAS	6
TENNESSEE	6
COLORADO	5
WASHINGTON	5
GEORGIA	3
MARYLAND	3
NEW JERSEY	3
ALASKA	2
FLORIDA	2
HAWAII	2
LOUISIANA	2
MINNESOTA	2
MISSOURI	2
KENTUCKY	1
RHODE ISLAND	1
VERMONT	1
VIRGINIA	1
TOTAL	1,033

OUTBREAKS

- SMALL OUTBREAK (3-9)
- MEDIUM OUTBREAK (10 - 49)
- LARGE OUTBREAK (50 OR MORE)

An outbreak of measles is defined as three or more laboratory-confirmed cases that are temporally related and epidemiologically or virologically linked.

As of 1600 hours on May 14, 2025, EDT, there are approximately 1,033 measles cases (including confirmed and suspected cases) across 30 states.

This year, there have been **13 measles outbreaks**:

- West Texas**, involving [31 counties in Texas](#), [4 counties](#)
- New Mexico**, [2 counties](#) ¹
- Oklahoma**, and the [Cherokee Nation](#) in Oklahoma
- [8 counties](#) in **Kansas**
- Ashtabula and Knox Counties, **Ohio**
- Erie County, **Pennsylvania**
- Allen County, **Indiana**
- Bergen County, **New Jersey**
- metro Atlanta, **Georgia**
- Gallatin County, **Montana**
- Montcalm County, **Michigan** (linked to Ontario Outbreak)
- Upper Cumberland region – **Tennessee**
- Williams County – **North Dakota**

** TEXAS CASES NOT ASSOCIATED WITH OUTBREAK: 15

- 1 case – Atascosa County
- 1 case – Brazoria County
- 1 case – Collin County
- 1 case – Denton
- 1 case – Adult, Fort Bend (travel-related)
- 4 cases – Harris County
- 1 case – Adults, Rockwall County (travel-related)
- 1 case – Shackelford
- 2 cases – Tarrant
- 2 case – Travis County

TEXAS CASES ASSOCIATED WITH THE OUTBREAK: 718

MEXICO OUTLOOK

THE MEASLES OUTBREAK IN MEXICO: OVERVIEW

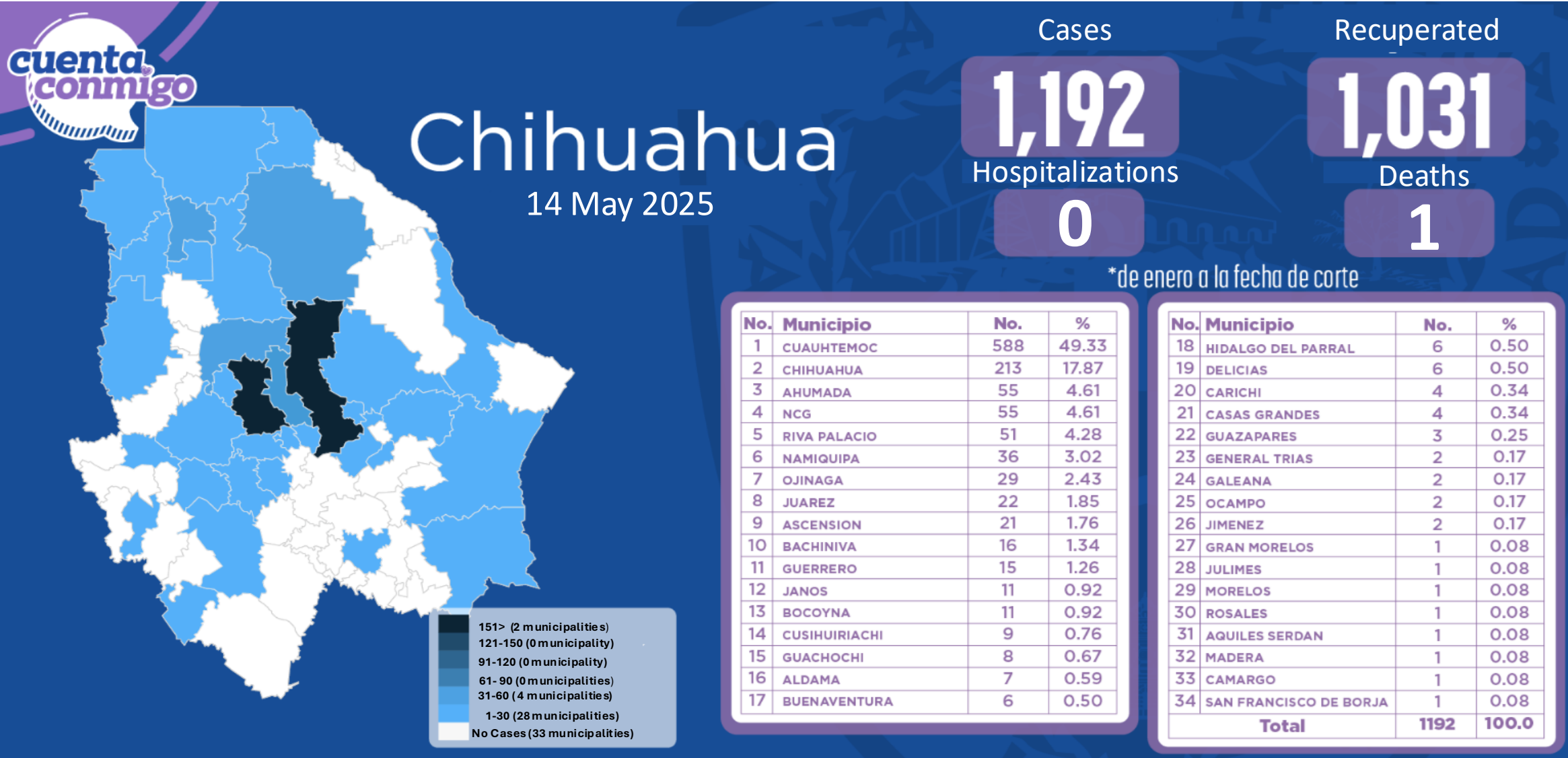
*Data as of 5/9/2025

- **Measles Outbreak in Mexico: 1,065 Cases - First Death Reported:** Mexico is grappling with a measles outbreak. The state of **Chihuahua has been hit hardest, reporting 1,192 cases** and the country’s first measles-related death — a 31-year-old unvaccinated man with diabetes and kidney complications.
- Genotypes B3 and D8 have been identified this year.
- **Low Immunization & Cross-Border Spread:** The outbreak can be traced back to **Texas, where rising anti-vaccine sentiment has contributed to an increase in infections.** In Mexico, declining childhood vaccination rates — particularly in Chihuahua, where coverage in some age groups is as low as 21.2% — have heightened vulnerability. In terms of vaccination history, 92.4% had no vaccination history, while 3.8% had received one dose of the MMR vaccine, and another 3.8% had received two doses.
- **The Most Affected Age Group: 25- to 44-year-olds are the most affected age group, with 34.4% of cases, followed by 5- to 9-year-olds, with 13.5% of cases.**
- On 4/25/2025, the Mexican Ministry of Health (Secretaría de Salud) issued a medium-level travel alert for the United States and Canada due to a significant increase in measles cases in both countries.

Measles	
STATE	CASES
CAMPECHE	4
CHIHUAHUA	1,192
DURANGO	3
OAXACA	4
QUERÉTARO	1
SINALOA	1
SONORA	8
TAMAULIPAS	2
YUCATAN	1
ZACATECAS	4
TOTAL	1,220



MEXICO OUTLOOK: CHIHUAHUA



Fuente: Secretaría de Salud

SOURCE OF GRAPHIC: [MediChihuahua](#)



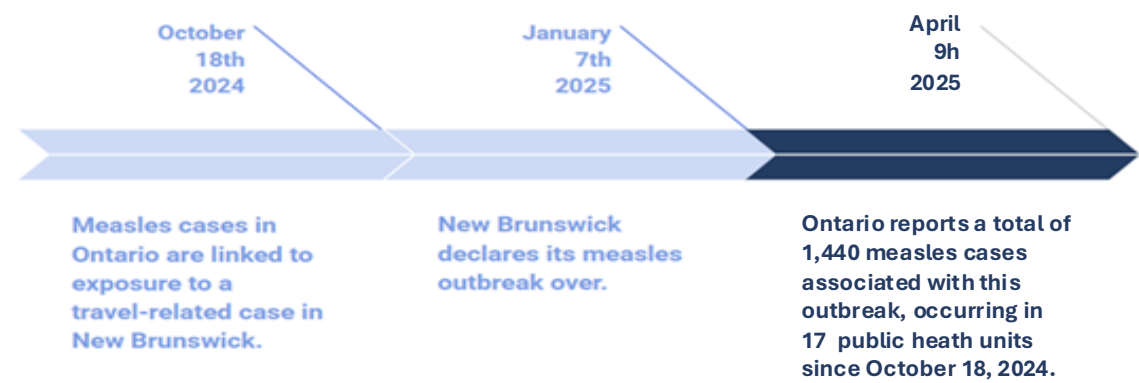
GOBIERNO
DEL ESTADO
DE CHIHUAHUA

SECRETARÍA
DE SALUD

MediChihuahua

CANADA OUTLOOK

Brief Timeline of Outbreak

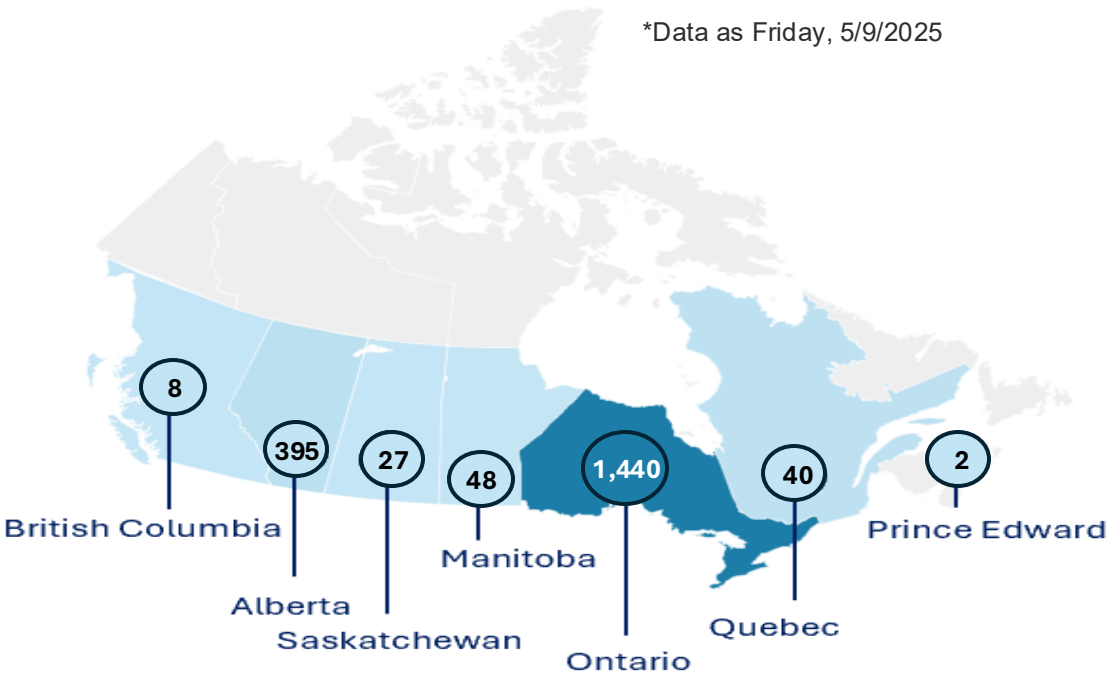


MEASLES 2025	
PROVINCE	CASES
ONTARIO	1,440
ALBERTA	395 (+69)
MANITOBA	48 (+24)
BRITISH COLUMBIA	8
SASKATCHEWAN	27
QUEBEC	40
PRINCE EDWARD ISLAND	2
TOTAL	1,960 (+93)

* From October 18, 2024 to April 23, 2025, Ontario has reported a total of 1,020 measles cases (884 confirmed, 136 probable) associated with this outbreak occurring in 15 public health units




CANADA OUTBREAK:

- An ongoing outbreak of measles in Ontario has been traced back to a large gathering in New Brunswick last fall that was attended by guests from Mennonite communities. On October 18, 2024, exposure to a travel-related case in New Brunswick led to measles cases in Ontario. **The Ontario outbreak continues to escalate.**
- **Alberta has seen a very large number of cases since Easter.**
- **Manitoba numbers have doubled in a week.**
- **Manitoba** has also reported measles cases related to this outbreak.
- Quebec declared its outbreak on 4/22/2025 after no new cases in 32 days.

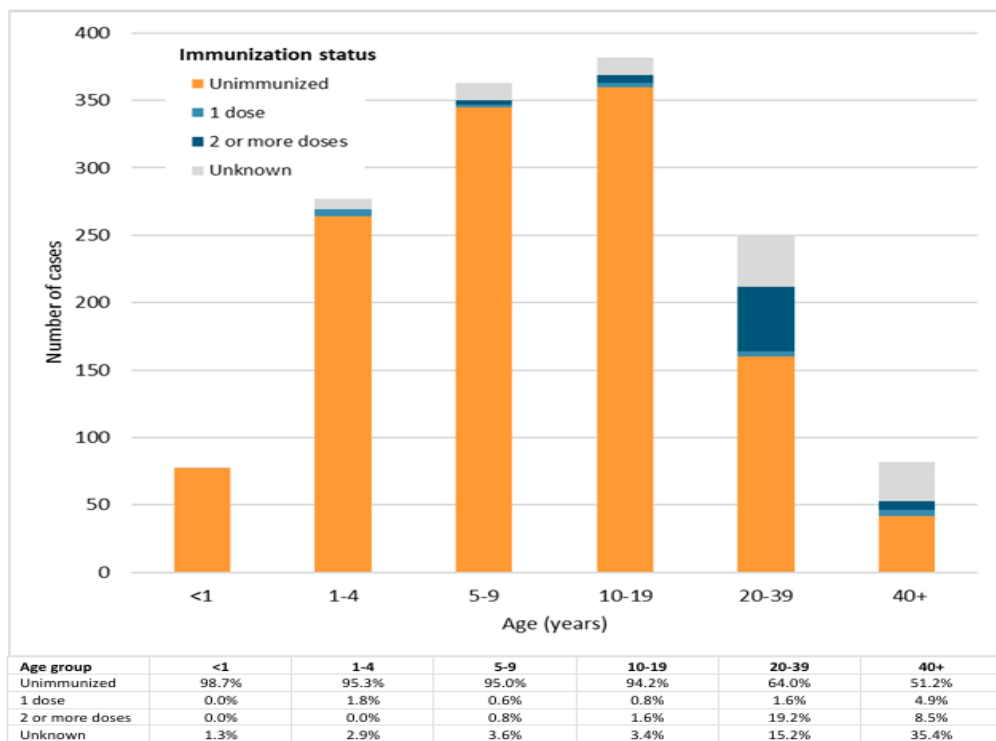


CANADA OUTLOOK: ONTARIO

MORBIDITY AND MORTALITY

PROVINCE	CASES 	HOSPITALIZATIONS 	DEATHS 
ONTARIO	1,440 (+197)	101 (+17)	0

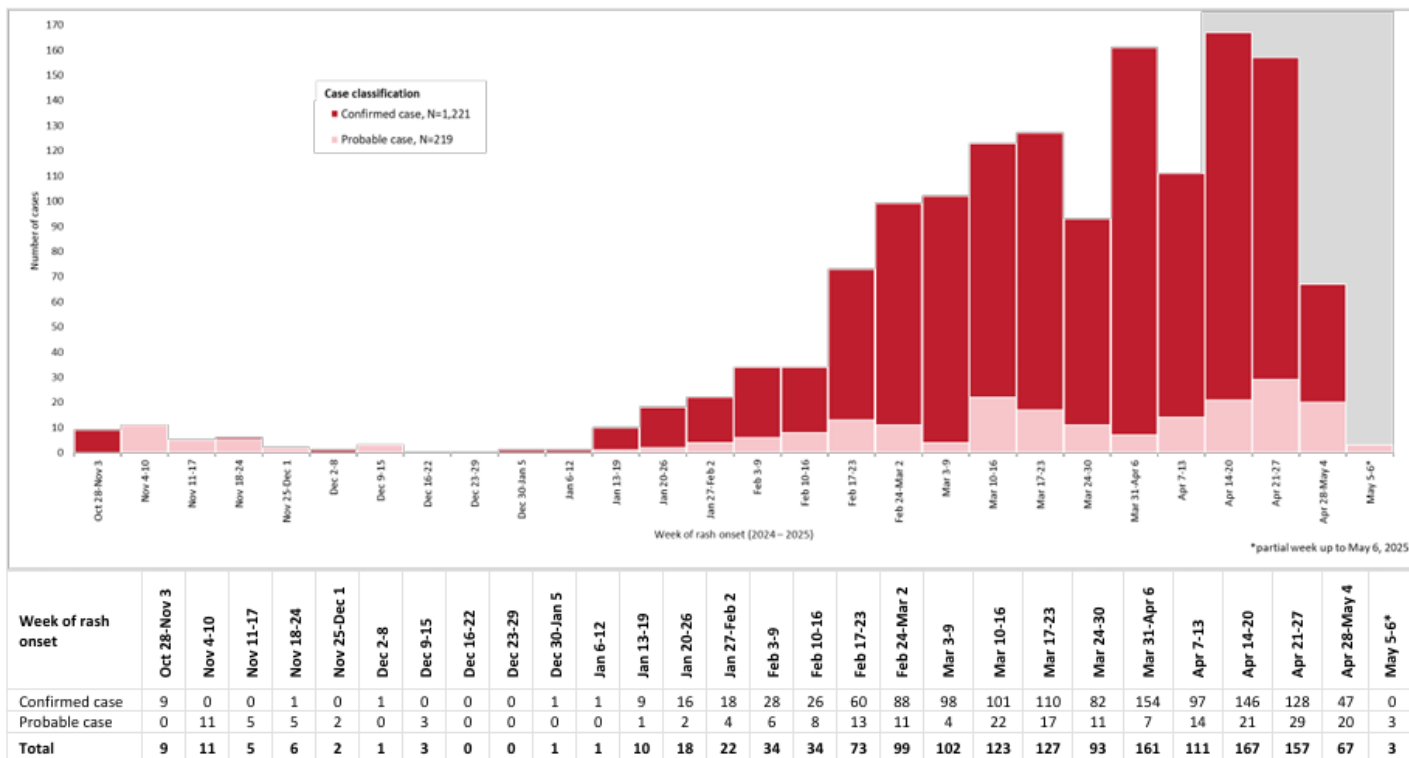
IMMUNIZATION STATUS OF MEASLES OUTBREAK CASES BY AGE GROUP: OCTOBER 28, 2024 – MAY 6, 2025



ONTARIO:

- 76.4% (n=1,100) were in infants, children and adolescents, while 23.1% (n=332) were in adults, and 0.6% (n=8) had unknown age.
- 2.2% (n=31) of outbreak cases were pregnant.
- (n=1,222) of outbreak cases were born in or after 1970.
- Among infants, children and adolescents, 95.1% (n=1,046) were unimmunized, while among adults, 60.8% (n=202) were unimmunized.
- Overall, 7.0% (n=101) of outbreak cases have required hospitalization, and 0.6% (n=8) were admitted to the ICU. Of those hospitalized, 94.1% (n=95) were unimmunized, including 75 children.

NUMBER OF MEASLES CASES BY WEEK OF RASH ONSET, 10/28/2024 – 05/6/25



CONTRIBUTORS

The Virtual Medical Operations Center Briefs (VMOC) were created as a service-learning project by the Yale School of Public Health faculty and graduate students in response to the 2010 Haiti Earthquake. Each year, students enrolled in Environmental Health Science Course 581—Public Health Emergencies: Disaster Planning and Response produce the VMOC Briefs. These briefs compile diverse information sources—including status reports, maps, curated news articles, and web content— into a single, easily digestible document that can be widely shared and used interactively.

Key features of this report include:

- **Comprehensive Overview:** Provides situation updates, maps, relevant news, and web resources.
- **Accessibility:** Designed for easy reading, wide distribution, and interactive use.
- **Collaboration:** The “unlocked” format enables seamless sharing, copying, and adaptation by other responders.

The students learn by doing, quickly discovering how and where to find critical information and presenting it in an easily understood manner.

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