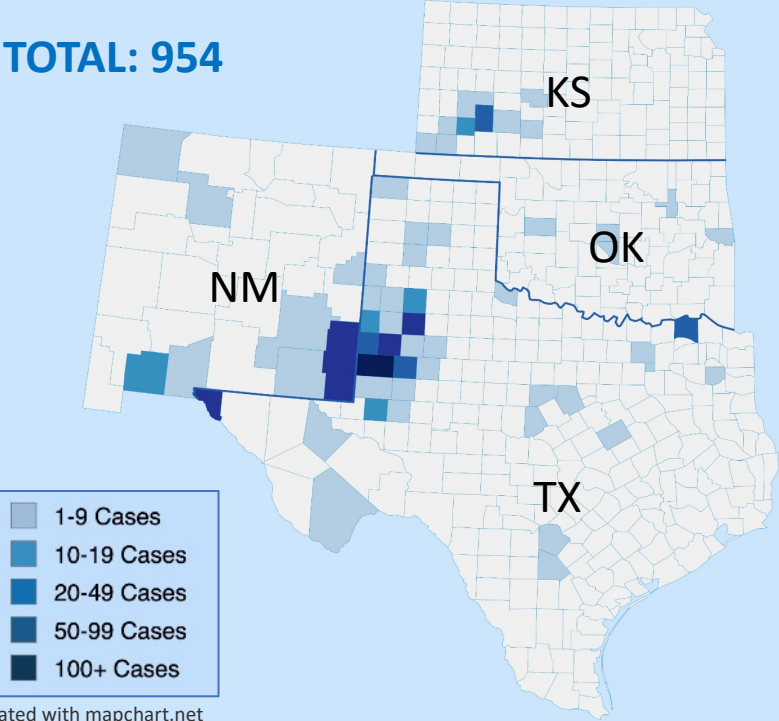





YALE SCHOOL OF PUBLIC HEALTH - ESF-8 VIRTUAL MEDICAL OPERATION CENTER SPECIAL REPORT

# MEASLES OUTBREAK - SOUTHWEST U.S. - 2025

TOTAL: 954



### MORBIDITY AND MORTALITY

STATE	CASES 	HOSPITALIZATIONS 	DEATHS 
TX	755	98	2
NM	95	7	1
OK	20	0	0
KS	84 (+4)	7 (+2)	0
TOTAL	954 (+4)	112 (+2)	3

### BACKGROUND

### TIMELINE

### CURRENT SITUATION

### EPI CURVE / CASES OVER TIME

### EPI SUMMARY

### US OUTLOOK

### GLOBAL

### MEXICO

### CANADA

7/13/2025  
2300 HRS EDT

Yale  
SCHOOL  
OF PUBLIC  
HEALTH

### 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](#)

# BACKGROUND

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

**OVERVIEW:** A measles outbreak originating in West Texas has spread to New Mexico, Oklahoma, and Kansas, resulting in **112 hospitalizations and three confirmed deaths**—including two previously healthy children in Texas and one adult in New Mexico. These mark the first U.S. measles-related deaths since 2015 and the first pediatric fatalities since 2003. Genetic and epidemiological evidence links this outbreak to the current measles surge in Chihuahua, Mexico, underscoring 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 characteristic red, blotchy rash.** The virus can remain airborne or infectious on surfaces for up to two hours, contributing to its rapid spread.

**VACCINATION:** Although entirely preventable through the [MMR](#) (measles, mumps, and rubella) vaccine, outbreaks continue to occur in under-vaccinated communities, leading to serious health outcomes and increased transmission risk ([CDC](#)). Since 2019, national MMR vaccination rates among children have declined—a trend that coincided with the COVID-19 pandemic. This drop reflects a convergence of complex factors, including socioeconomic inequities, limited access to healthcare, under-resourced public health systems, and localized vaccine hesitancy ([JAMA](#))

**IN THE US:** **As of 7/12/2025, the United States has reported 1,303 measles cases in 2025—the highest total in 33 years.** This resurgence poses a serious threat to the nation’s measles elimination status, achieved 25 years ago through sustained high vaccination coverage. If outbreaks persist without interruption for more than 12 months, the U.S. risks losing its official designation as an eliminated country.

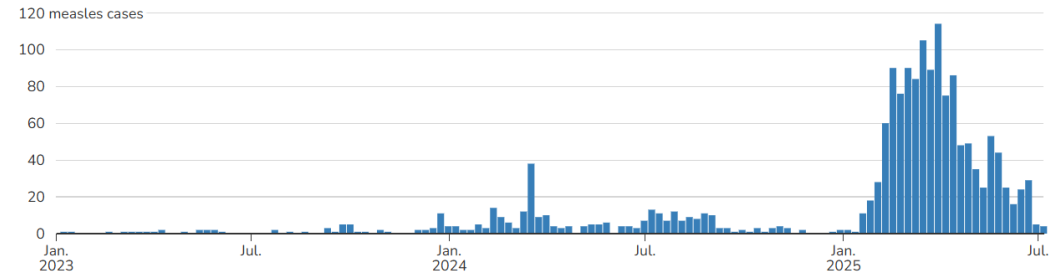
**GLOBAL TRENDS:** Over the past 20 years, vaccination rates have been declining globally, resulting in a global increase in measles cases. The Americas have experienced a 29-fold increase in cases compared to this time last year (PAHO). According to the WHO’s latest report, there were 188,355 suspected cases and 88,853 confirmed cases ([WHO](#)).

**SOURCES:** [CENTER FOR OUTBREAK RESPONSE \(CORI\)](#), [CDC](#), [TX MEASLES OUTBREAK](#), [NM MEASLES OUTBREAK](#), [OSDH](#), [KDHE](#), [TRENDS IN COUNTY-LEVEL MMR VACCINATION COVERAGE IN CHILDREN IN THE UNITED STATES](#), [EPIDEMIOLOGICAL UPDATE - MEASLES IN THE AMERICAS REGION](#), [MEASLES AND RUBELLA GLOBAL UPDATE JUNE 2025](#)

## MEASLES CASES IN 2025 - CDC

### **1,288 (+21) CONFIRMED MEASLES CASES (AS OF 7/2/2025)**

2023–2025\* (as of July 8, 2025)



As of July 12, 2025, a total of 1,288 confirmed\* measles cases were reported by 39 jurisdictions: Alaska, Arkansas, Arizona, California, Colorado, Florida, Georgia, Hawaii, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Missouri, Montana, Nebraska, New Jersey, New Mexico, New York City, New York State, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, and Wyoming.

#### **Age**

Under 5 years: 368 (29%)  
5-19 years: 469 (36%)  
20+ years: 439 (34%)  
Age unknown: 12 (1%)

#### **Percent Hospitalized: 13%**

Under 5 years: 21% (77 of 368)  
5-19 years: 8% (37 of 469)  
20+ years: 11% (47 of 439)  
Age unknown: 8% (1 of 12)

#### **Vaccination Status**

Unvaccinated or Unknown: 92%  
One MMR dose: 4%  
Two MMR doses: 4%

#### **Deaths: 3**

There have been 3 confirmed deaths from measles.

# TIMELINE (JANUARY – JULY 2025)

## JANUARY 2025 INDEX CASES IDENTIFIED

1/29

South Plains Public Health District, TX reports a measles case in Gaines County.

## FEBRUARY 2025 OUTBREAK DECLARED & SPREADS

2/5/25

The Texas Department of State Health Services (DSHS) declares an outbreak. 6 cases are identified, all among unvaccinated school-aged children from Gaines County.

2/15

The New Mexico Department of Health (NMDOH) confirms an **outbreak** with 14 cases in Lea County.

2/26/25 (TX):

DSHS reports the death of a school-aged child who had been hospitalized in Lubbock.

2/28

DSHS reports 146 cases, 1 fatality, and 20 hospitalizations.

NMDOH reports 20 cases.

## MARCH 2025 RAPID REGIONAL EXPANSION

3/1–3/15

DSHS reports 259 cases, 1 fatality, and 34 hospitalizations.

3/6 - NMDOH reports the death of a male adult

3/11- Oklahoma (OSDH) reports **two linked cases** to the Texas outbreak.

3/13 - First Kansas case genetically linked to TX.

3/16 - 5/31

DSHS reports 400 cases, 1 fatality, and 41 hospitalizations.

NMDOH reports 44 cases, 1 fatality, and 2 hospitalizations.

OSDH reports 9 cases.

KDHE reports 23 cases.

## APRIL 2025 PEAK OF TRANSMISSION

4/1 - 4/15

4/5 - DSHA reports the death of a second child.

DSHS reports 561 cases, 2 fatalities, and 58 hospitalizations.

NMDOH reports 63 cases, 1 fatality, and 5 hospitalizations.

OSDH reports 12 cases.

KDHE reports 38 cases and 1 hospitalization.

4/16 - 4/31

DSHS updates the outbreak to 663 cases, 2 fatalities, and 83 hospitalizations.

NMDOH reports 6 cases, 1 fatality, and 2 hospitalizations.

OSDH reports 16 cases.

KDHE reports 46 cases and 1 hospitalization.

## MAY – JULY 2025 SLOWING BUT PERSISTENT

5/1- 5/15

DSHS reports 718, 2 fatalities, and 92 hospitalizations.

NMDOH reports 71 cases, 1 fatality, and 7 hospitalizations.

OSDH reports 17 cases.

KDHE reports 54 cases and 2 hospitalizations.

5/16 – 7/12

DSHS reports 755 cases, 2 fatalities, and 98 hospitalizations.

NMDOH reports 95 cases, 1 fatality, and 7 hospitalizations.

OSDH reports 20 cases.

KDHE reports 84 cases and 7 hospitalizations.

# CURRENT SITUATION

As of July 13, 2025, the Southwestern outbreak has **954 cases**, including confirmed and pending cases across **Texas, New Mexico, Oklahoma**, and **Kansas**. The situation remains fluid.

## CURRENT CASE COUNT: 954

- **Texas: 755** (55% of cases are in Gaines County).
- **New Mexico: 95** (70% of cases are from Lea County).
- **Oklahoma: 20**
- **Kansas: 84 (+4)** (33% of the cases are from Gray County).

## HOSPITALIZATIONS: 112

- **Texas: 98** – This accounts for 13% of all cases in Texas.
- **New Mexico: 7** – This accounts for 7% of all cases in New Mexico.
- **Kansas 7 (+2)** – This accounts for 8.3% of all cases in the state of Kansas.

## DEATHS: 3

- **Texas: 2** – This is 0.26% of all cases in Texas.
- **New Mexico: 1** – This represents 1.05% of all cases in New Mexico.

## US NATIONAL CASE COUNT: 1,303 (AS OF 7/13/2025)

## INTERNATIONAL SPREAD

- **Mexico: 3,336 (+179), 9 fatalities**
  - **Chihuahua Outbreak, Mexico: 2,922 (+207)** cases, **8 fatalities**, **6** currently hospitalized
  - **Sonora Outbreak, Mexico: 83 (+1)** cases, **1 fatality**
- **Canada: 3,872 (+149), 1 fatality**
  - **Ontario Outbreak, Canada: 2,244 (+21)** cases, **152 (+2)** hospitalizations, **1 fatality**
  - **Alberta Outbreak, Canada: 1,284 (+94)** cases, **1** currently hospitalized

## AGES OF CASES:

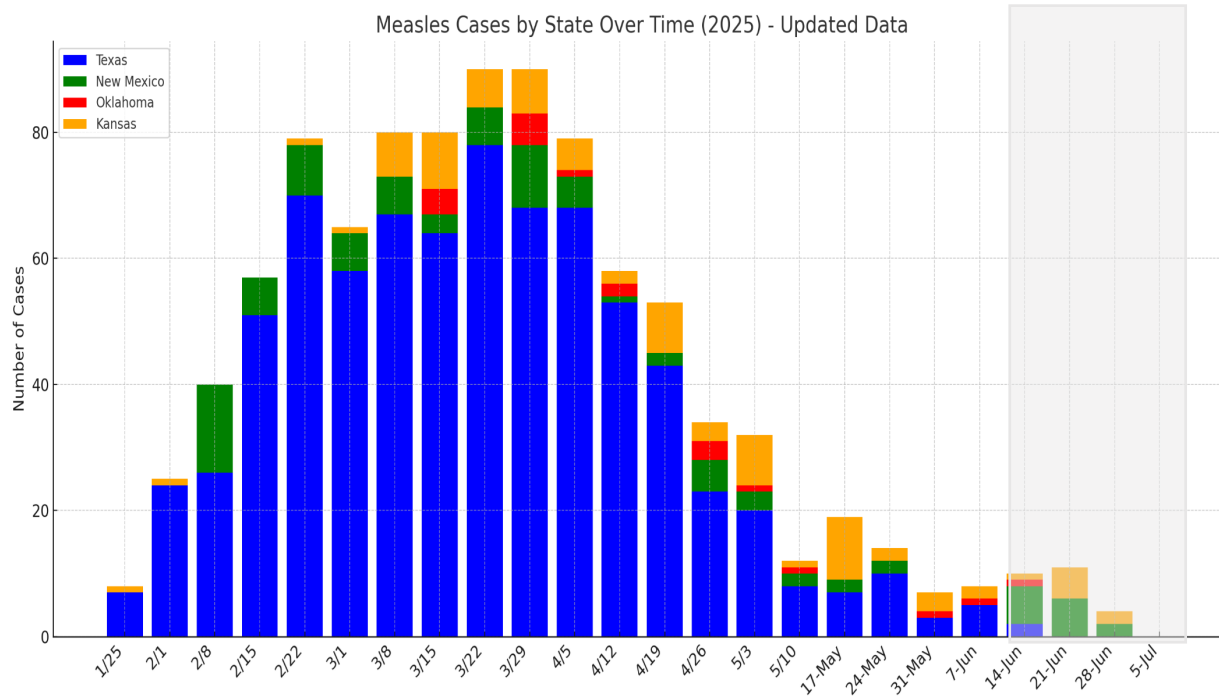
WEST TEXAS OUTBREAK				
0-4 Years	5-17 Years	18+ Years	Pending	Total
221 (29%)	284 (38%)	244 (32%)	6 (0.8%)	755
NEW MEXICO OUTBREAK				
0-4 Years	5-17 Years	18+ Years	Pending	Total
24 (25%)	20 (21%)	51 (54%)	0	95
KANSAS OUTBREAK				
0-4 Years	5-17 Years	18+ Years	Pending	Total
34 (40.5%)	33 (39.3%)	17 (20.2%)	0	84
OKLAHOMA OUTBREAK				
0-4 Years	5-17 Years	18+ Years	Pending	Total
17 Cases Confirmed, 3 Probable – no ages provided			3	20

## VACCINATION STATUS

STATE	VACCINATED WITH 1 DOSE	VACCINATED WITH 2 DOSES	UNVACCINATED/ UNKNOWN		TOTAL CASES
TX	21	22	712*		755*
NM	15	52	28		95
OK	0	1	19		20
STATE	AGE APPROPRIATELY VACCINATED	NOT AGE APPROPRIATELY VACCINATED	NOT VACCINATED	PENDING VERIFICATION/ UNABLE TO VERIFY	TOTAL CASES
KS	7	1	72	4	84

# EPI CURVE AND CASES OVER TIME

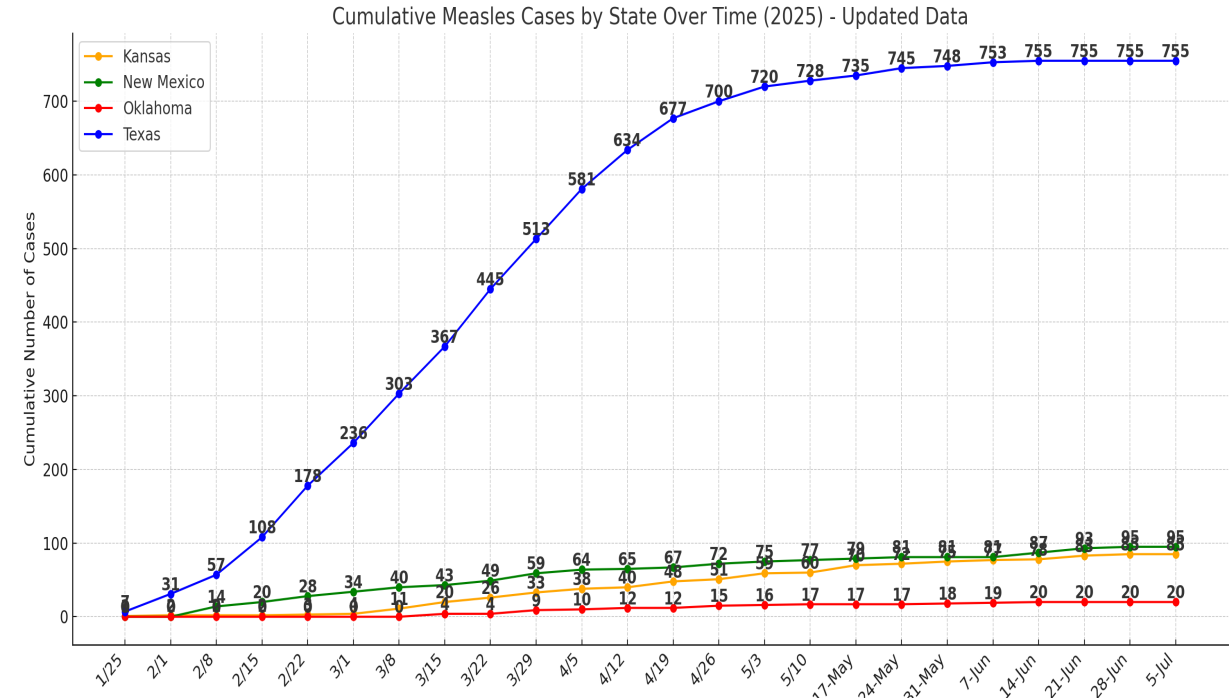
## SOUTHWEST MEASLES OUTBREAK – EPI CURVE (WEEK ENDING 07/12/2025)



The number of new cases per week is declining in Texas and Oklahoma, while cases in New Mexico remain sporadic, and Kansas is experiencing a rise.

- **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.

## CUMULATIVE CASES OVER TIME (WEEK ENDING 07/12/2025)



Cases are stable or slowly rising.

- **TX:** A total of 755 cases across 36 counties.
- **NM:** A total of 95 cases across 8 counties.
- **OK:** A total of 20 cases (17 confirmed, 3 probable) have been reported.
- **KS:** A total of 84 cases across 9 counties.



# EPI SUMMARY – TEXAS

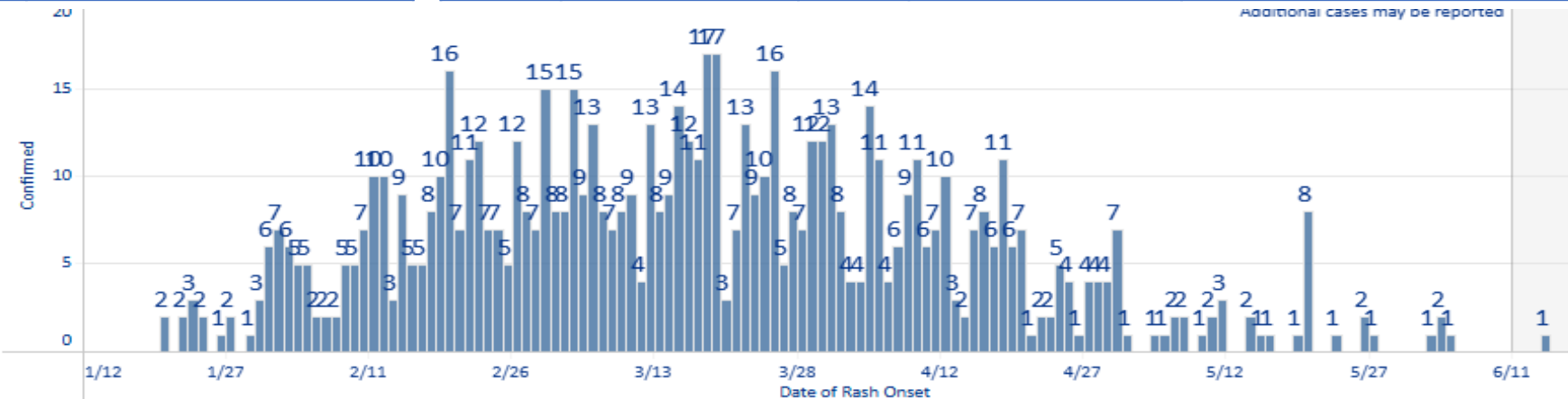
(n= 755) AS OF 7/12/2025

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	0.40%	97.70%	0
Atascosa	1	0.13%	98.51%	0
Bailey	2	0.26%	98.94%	0
Bexar	1 (New)	0.13%	94.44%	1
Borden	1	0.13%	94.44%	1
Brewster	1	0.13%	94.74%	1
Brown	1	0.13%	93.64%	5
Carson	1	0.13%	91.67%	3
Cochran	14	1.85%	95.20%	1
Collins	1	0.13%	93.31%	16
Dallam	7	0.93%	95.30%	2
Dawson	26	3.44%	88.10%	4
Eastland	2	0.26%	95.63%	2
Ector	12	1.59%	91.30%	5
El Paso	61 (+2)	8.08%	96.37%	8
Erath	1	0.13%	93.94%	5
Gaines	414 (+1)	54.83%	82.00%	3
Garza	2	0.26%	97.10%	0

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%
Hale	5	0.66%	98.30%	2
Harderman	1	0.13%	94.40%	3
Hockley	6	0.79%	94.40%	3
Lamar	23	3.05%	96.84%	0
Lamb	1	0.13%	97.37%	1
Lubbock	53	7.02%	92.25%	8
Lynn	2	0.26%	92.16%	2
Martin	3	0.40%	96.59%	1
McLennan	9	1.19%	96.53%	6
Midland	6	0.79%	94.77%	4
Parmer	5	0.66%	95.04%	1
Potter	1	0.13%	96.32%	3
Randall	1	0.13%	93.95%	1
Reeves	2	0.26%	94.92%	1
Rockwell	1	0.13%	91.47%	2
Terry	60	7.95%	95.52%	2
Upshur	5	0.66%	93.30%	2
Yoakum	20	2.65%	92.50%	1

\* New cases added after TX published.

- SOURCES:
- [Measles Outbreak – 1 JULY 2025 | Texas DSHS](#)
  - [Measles Outbreak El Paso 6 June 2025](#)
  - [2023-2024 School Vaccination Coverage Levels by District/Private School and Cou](#)



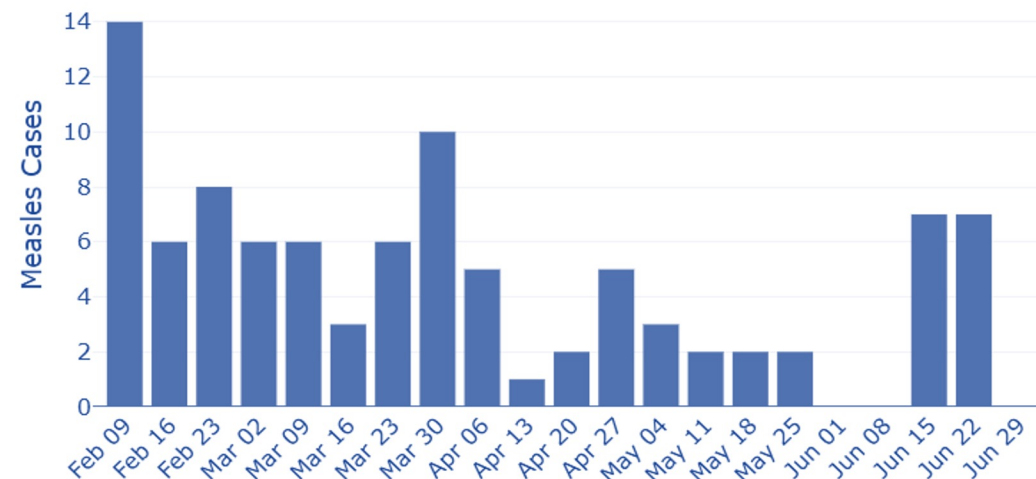
# EPI SUMMARY – NEW MEXICO

COUNTY	MEASLES CASES (NUMBER OF NEW CASES)	% of TOTAL CASES	% KINDERGARTENERS VACCINATED (2023-2024)
New Mexico (n=95) AS OF 7/12/2025			
Chaves	1	1.05%	98%
Curry	1	1.05%	95%
Doña Ana	2	2.11%	95%
Eddy	3	3.16%	93%
Lea	67 (+1)	70.52%	94%
Luna	14 (+9)	14.74%	
San Juan	1 (New)	1.05%	
Sandoval	6	6.32%	94

## Measles Virus Detected in Wastewater by Treatment Plant Site

Treatment Plant	# Detections	Most Recent Detection
City of Deming WWTP	2	06/26/2025
City of Rio Rancho WWTP #2	1	05/01/2025
City of Roswell WWTP	1	06/05/2025
<b>Total</b>	<b>4</b>	<b>---</b>

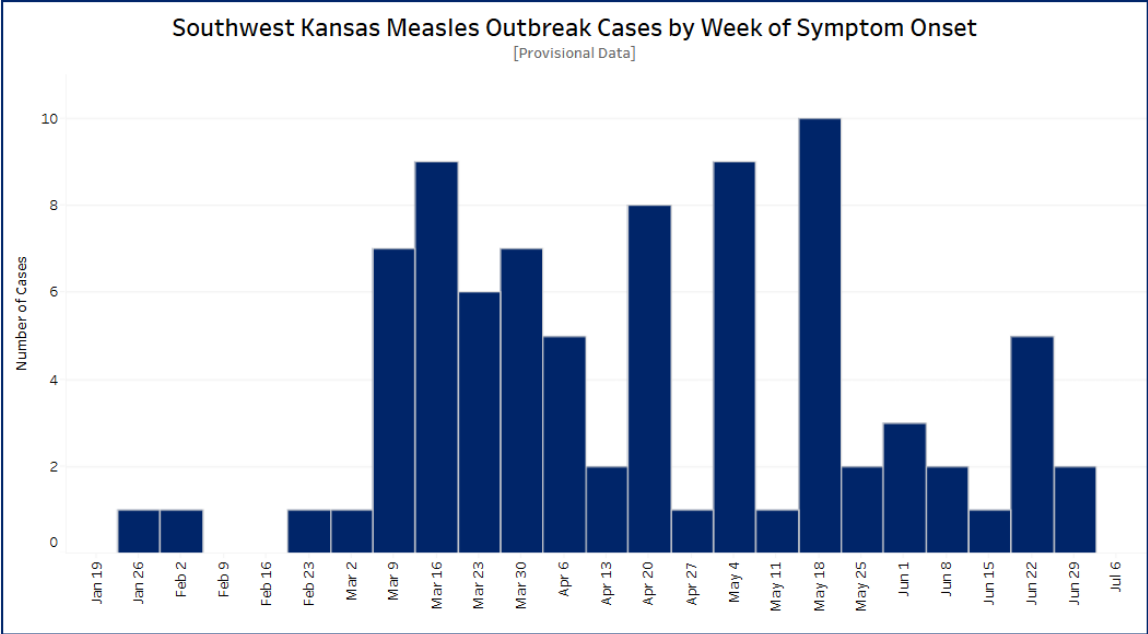
## Measles by Case Week



\*If date of rash not available, the following hierarchy is used for date: symptom onset date, specimen collection date, hospital admission date, or date reported.

# EPI SUMMARY – KANSAS

COUNTY	MEASLES CASES (NUMBER OF NEW CASES)	% of TOTAL CASES	% KINDERGARTENERS VACCINATED (2023-2024)
KANSAS (n=84) AS OF 7/12/2025			
<a href="#">Finney</a>	Between 1- 5		98%
<a href="#">Ford</a>	Between 1- 5		87%
<a href="#">Grant</a>	Between 1- 5		99%
<a href="#">Gray</a>	28 (+2)	33.33%	66%
<a href="#">Haskell</a>	18 (+1)	21.43%	58%
<a href="#">Kiowa</a>	6	7.14%	92%
<a href="#">Morton</a>	Between 1- 5		82%
<a href="#">Pawnee</a>	7	8.33%	?
<a href="#">Stevens</a>	7	8.33%	83%

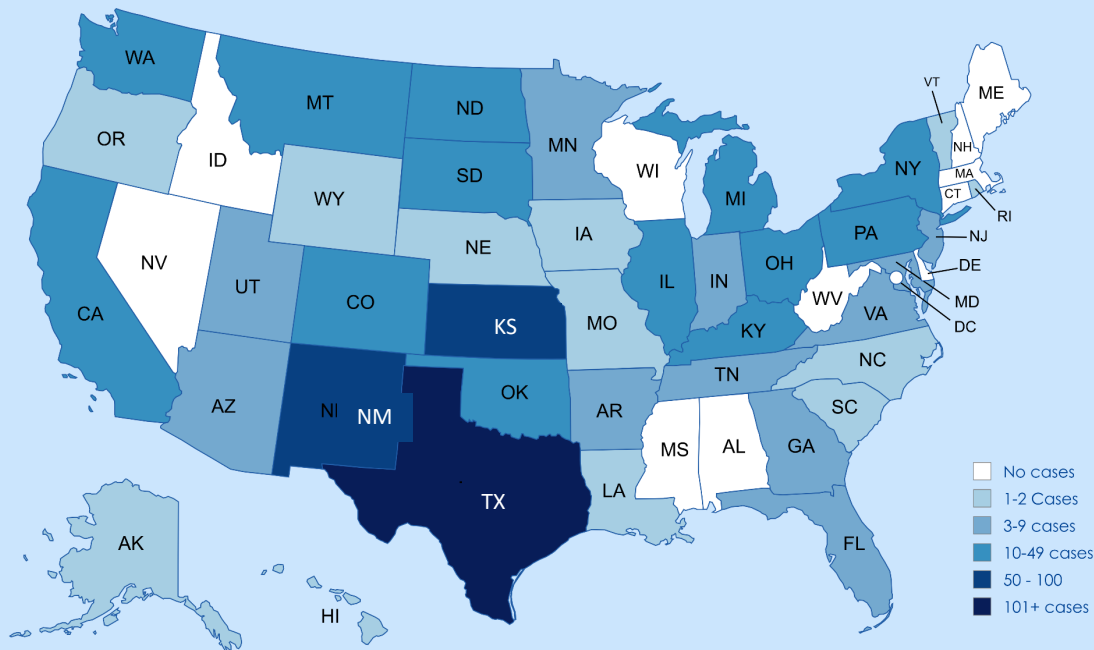




# US OUTLOOK

*\* 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 \(CORI\)](#)*

1,303\*



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
<a href="#">TEXAS **</a>	794
<a href="#">NEW MEXICO</a>	95
<a href="#">KANSAS</a>	87
<a href="#">OHIO</a>	35
<a href="#">NORTH DAKOTA</a>	35
<a href="#">MONTANA</a>	25
<a href="#">OKLAHOMA</a>	20
<a href="#">MICHIGAN</a>	18
<a href="#">CALIFORNIA</a>	17
<a href="#">COLORADO</a>	16
<a href="#">PENNSYLVANIA</a>	15
<a href="#">NEW YORK</a>	14
<a href="#">KENTUCKY</a>	12
<a href="#">SOUTH DAKOTA</a>	12
<a href="#">ILLINOIS</a>	10
<a href="#">WASHINGTON</a>	10
<a href="#">INDIANA</a>	9
<a href="#">UTAH</a>	9
<a href="#">ARKANSAS</a>	8
<a href="#">MISSOURI</a>	7
<a href="#">GEORGIA</a>	6
<a href="#">IOWA</a>	6
<a href="#">TENNESSEE</a>	6
<a href="#">MINNESOTA</a>	5
<a href="#">ARIZONA</a>	4
<a href="#">FLORIDA</a>	4
<a href="#">NEW JERSEY</a>	4
<a href="#">MARYLAND</a>	3
<a href="#">VIRGINIA</a>	3
<a href="#">ALASKA</a>	2
<a href="#">HAWAII</a>	2
<a href="#">LOUISIANA</a>	2
<a href="#">WYOMING</a>	2
<a href="#">NEBRASKA</a>	1
<a href="#">NORTH CAROLINA</a>	1
<a href="#">OREGON</a>	1
<a href="#">RHODE ISLAND</a>	1
<a href="#">SOUTH CAROLINA</a>	1
<a href="#">VERMONT</a>	1
TOTAL	1,303

- 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 1800 hours on 13 July 2025, EDT, there are approximately 1,303 measles cases (including confirmed and suspected cases) across 40 states.*

*This year, there have been at least 27 measles outbreaks. Here are some listed below:*

- **Texas**, involving [35 counties](#)
- **New Mexico**, [6 counties](#)
- **Oklahoma**, and the [Cherokee Nation](#) in Oklahoma
- [9 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) and a 2<sup>nd</sup> outbreak in **Grand Traverse County**
- **Upper Cumberland region, Tennessee**
- **Williams County, Grand Rapids, North Dakota**
- **Faulkner County, Arkansas**
- **Utah County, Utah**
- **Navajo County, Arizona**

#### \*\* TEXAS CASES NOT ASSOCIATED WITH OUTBREAK: 39

- 1 case – Bell County
- 1 case – Brazoria County
- 3 cases – Collin County
- 1 case – Dallas County
- 2 case – Denton County
- 2 cases – El Paso County
- 1 Case – Fannin County
- 1 Case – Adult, Fort Bend (travel-related)
- 3 cases – Harris County
- 1 case – Harrison County.
- 1 case – Hays County
- 3 cases – Lamar County
- 2 case – Randall County
- 1 case – Adults, Rockwall County (travel-related)
- 1 Case – Scurry County
- 1 case – Shackelford
- 4 cases – Tarrant
- 2 case – Travis County
- 6 cases - Williamson

TEXAS CASES ASSOCIATED WITH THE OUTBREAK: 755

# US OUTLOOK: THINGS TO KEEP AN EYE ON

**KENTUCKY:** Four more cases have been reported, bringing the current outbreak total to 9. There are three cases in Woodford County, which were confirmed on June 27. There are six cases in Fayette County, all of which are in the same household.

**MISSOURI:** The total number of measles cases in Missouri has climbed to seven. The latest cases were reported in Cedar County, which is located northwest of Springfield and contains the city of Stockton. Since June 23, five people have contracted measles in the county, according to state and county health officials. Four of the cases involve one family, with two children and two adults. The family reported they isolated themselves. However, another adult was confirmed on July 1 to have contracted the infection, likely from the family. Cedar County has among the lowest vaccination rates against measles in the state.

**NEW JERSEY:** Officials are urging people to know the symptoms of measles after an Ocean County resident tested positive as of July 10. NJDOH is working in collaboration with local health officials on ongoing contact tracing and on efforts to notify people who might have been exposed and to identify additional exposures that may have occurred.

**SOUTH CAROLINA:** The South Carolina Department of Public Health (DPH) has confirmed a case of measles in an Upstate resident. This is the first confirmed case of measles reported in South Carolina since September 2024. The individual is unvaccinated and did not have immunity from a previous measles infection. They were exposed to measles during an international trip and were not contagious while traveling. Currently, they are isolating at home to prevent further spread of the virus.

The US has hit a 33-year high in measles cases. This is now the worst year for measles in the U.S. since 1992, with 1,303 cases confirmed this week. The virus was officially declared eliminated in the U.S. in 2000, after high rates of vaccination succeeded at halting nearly all domestic spread.

**SOUTH DAKOTA:** Cases jumped from 4 to 12 cases and one hospitalization on Friday, July 11. Cases are now being reported in three counties: Lincoln, Mease, and Pennington. Seven of the cases are among children, five among adults, and all appear to be either unvaccinated or of unknown status. The Department of Health (DOH) confirmed in an email that all eight new measles cases all come from a single household. The household members were exposed to measles during international travel.

**NORTH DAKOTA:** The North Dakota Department of Health and Human Services confirmed a new measles case Thursday, more than a month since the last case was reported. The new case is in Williams County involving a person who recently traveled out of state and was unvaccinated against the disease. The latest case is unrelated to the previous cases, and there is no evidence of community spread.

**UTAH:** Health officials confirmed Friday that measles has been detected in wastewater samples from the Provo area, marking the latest development in Utah's ongoing measles outbreak. The Utah Department of Health and Human Services stated an independent testing program found measles in wastewater collected on July 7 from the Provo area. The detection indicates that at least one person with measles was in the area at that time. So far, there have been nine reported cases in Utah.

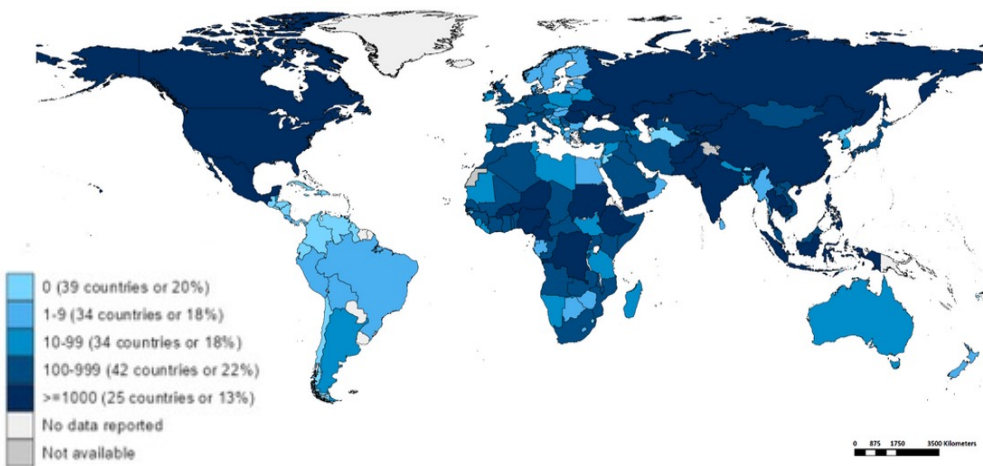
**WYOMING:** On Friday, the Wyoming Department of Health confirmed a second case of measles in the state. This case is an unvaccinated child from Niobrara County. The source of the child's exposure is not known at this time. There is no known connection to the Natrona County case reported on July 1, 2025.

# GLOBAL OUTLOOK

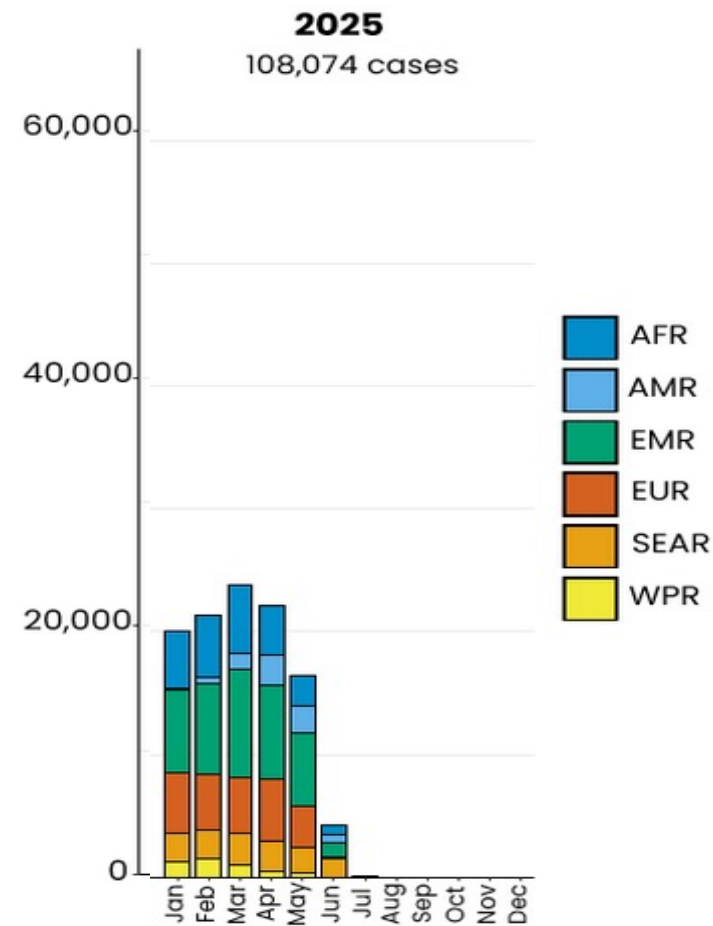
According to the monthly measles and rubella surveillance data published by the World Health Organization (WHO) in 2025, as of July 2025, 239,816 suspected cases of measles were reported in 168 Member States across the six WHO regions, of which 108,074 (47.1%) were confirmed:

- 37,992 (35% of cases) - WHO Eastern Mediterranean Region (EMRO)
- 22,516 (21 % of cases) - WHO Africa Region (AFRO)
- 22,395 (21% of cases) - WHO European Region (EURO)
- 13,201 (12%of cases) - WHO South-East Asia Region (SEARO)
- 7,240 (6% of cases) - WHO Americas Region (AMRO/ PAHO)
- 4,730 (5% of cases) - WHO Western Pacific Region (WPRO)

Number of Reported Measles Cases (Last 6 months)



TOP COUNTRIES WITH MEASLES*	
COUNTY	CASES
YEMEN	15,683
PAKISTAN	12,732
INDIA	10,543
KYRGYSTAN	8,497
AFGHANISTAN	7,615
ETHIOPIA	5,370
ROMANIA	4,739
NIGERIA	3,395
CANADA	3426
RUSSIAN FEDERATION	3,053



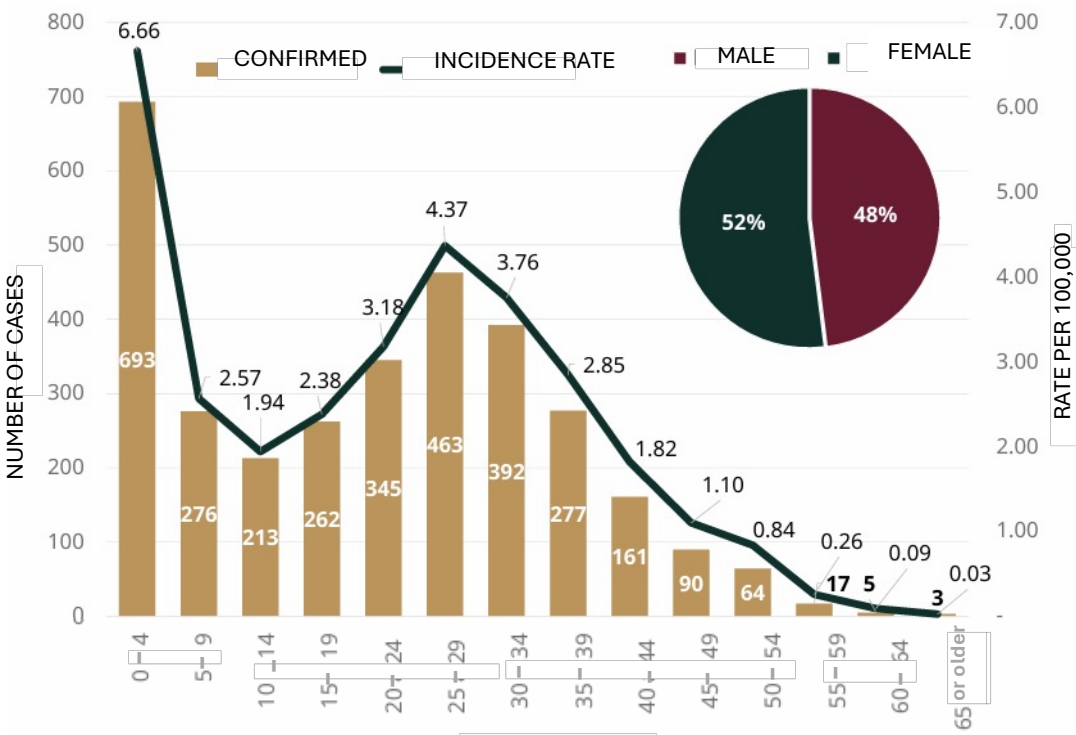
\*This table is based on provisional monthly surveillance data reported to the World Health Organization (Geneva) as of July 2025. The data covers December 2024 - June 2025.

# MEXICO OUTLOOK

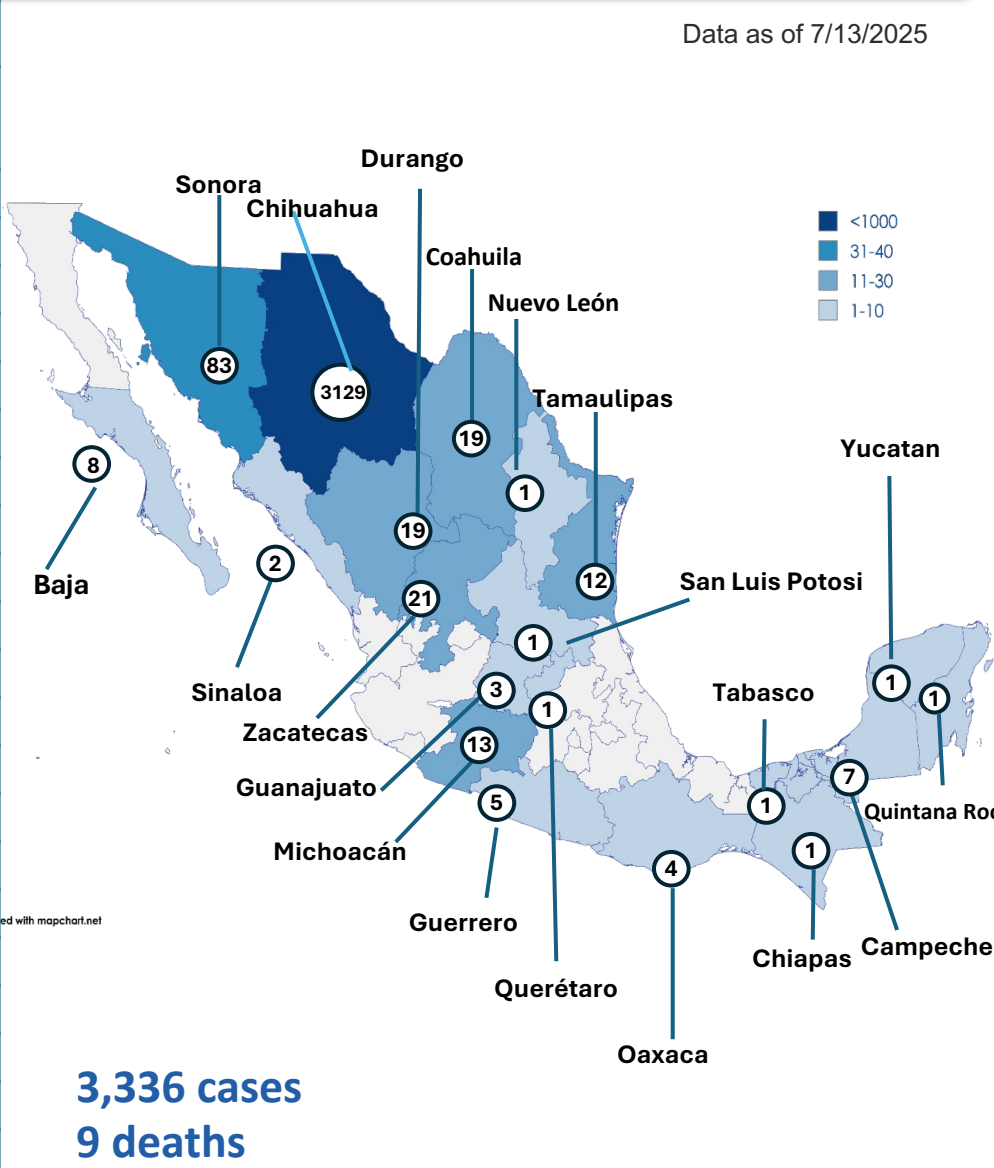
## OVERVIEW

Mexico is currently facing its largest measles outbreak in decades, centered in the Mennonite community of Cuauhtémoc, Chihuahua. Genetic and epidemiological investigations have linked the outbreak to an unvaccinated child who traveled from Seminole, Texas, to visit relatives in late January 2025, seeding sustained local transmission. In terms of incidence rate, the 0 to 4-year-old age group reported the highest incidence rate (6.14 cases per 100,000 inhabitants under 4 years of age), followed by the 25-to-29 and 30-to-34 year old age groups with incidence rates of 4.18 and 3.67, respectively

## CONFIRMED MEASLES CASES BY SEX, AGE GROUP, AND INCIDENCE RATE



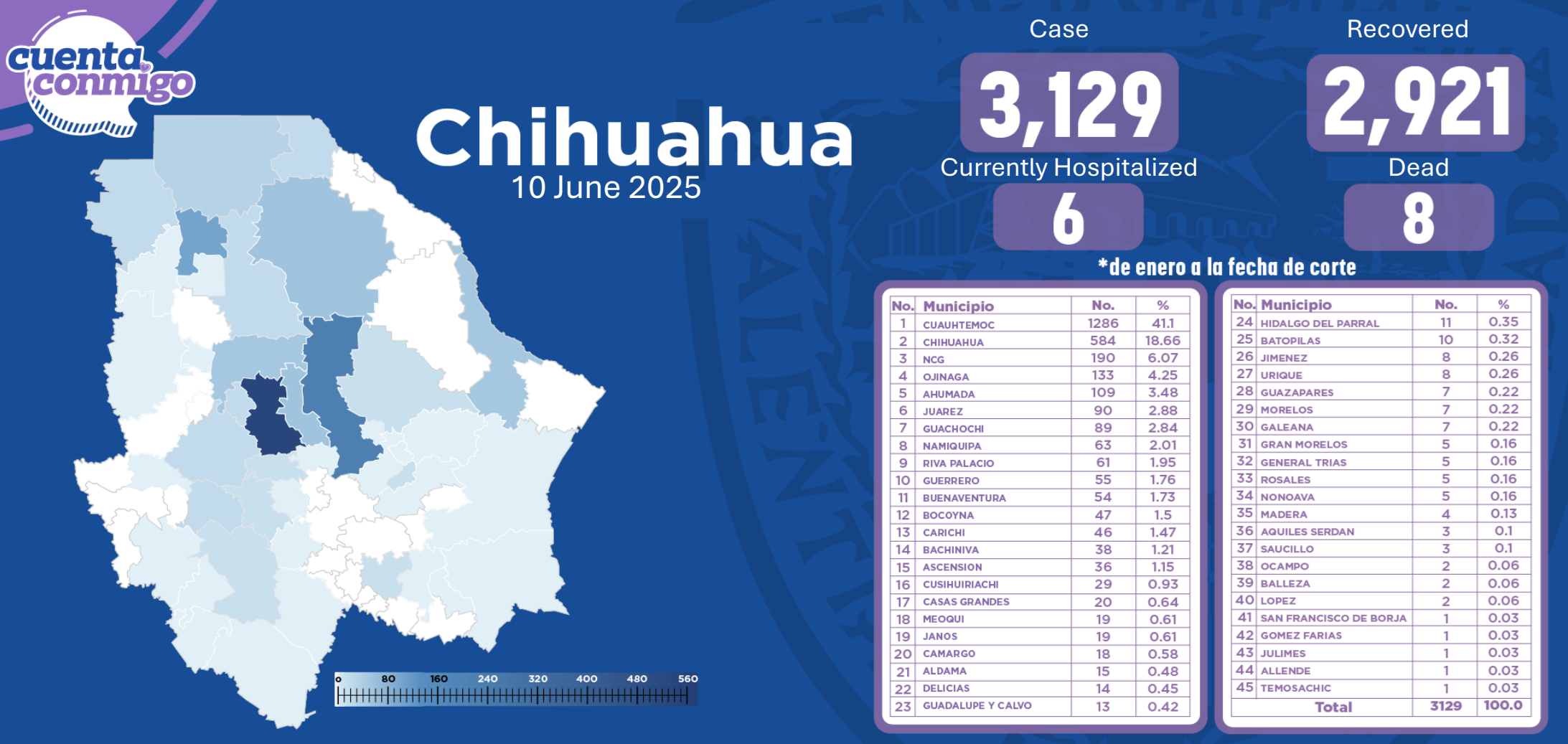
Confirmed Measles	
State	Cases
BAJA CALIFORNIA SUR	8
CAMPECHE	7 (+1)
CHIAPAS	1 (NEW)
CHIHUAHUA	3129(+250)
COAHUILA	19 (+3)
DURANGO	19
GUANAJUATO	3 (+1)
GUERRERO	5
MICHOACÁN	13
NUEVO LEÓN	1 (NEW)
OAXACA	4
QUERÉTARO	1
QUINTANA ROO	2
SAN LUIS POTOSI	1
SINALOA	5 (+3)
SONORA	83 (+1)
TABASCO	1
TAMAULIPAS	12
YUCATAN	1
ZACATECAS	21
TOTAL	3336



Data as of 7/13/2025



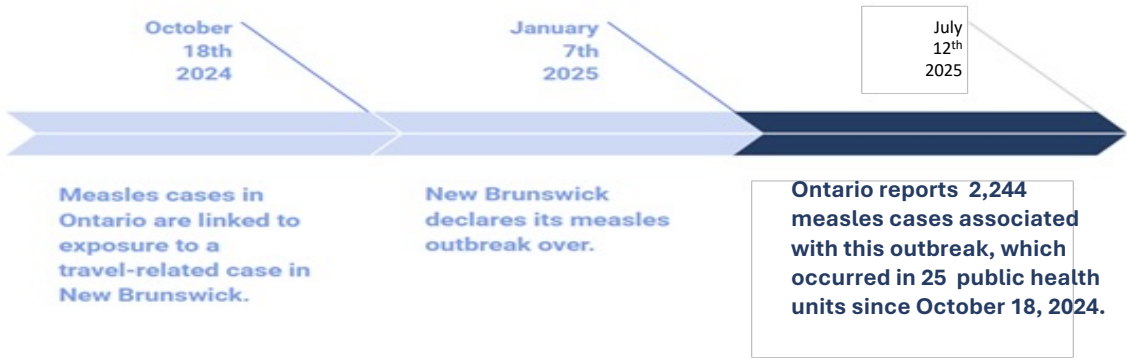
# MEXICO: CHIHUAHUA'S OUTBREAK



Fuente: Secretaría de Salud

# CANADA OUTLOOK

## Brief Timeline of Outbreak

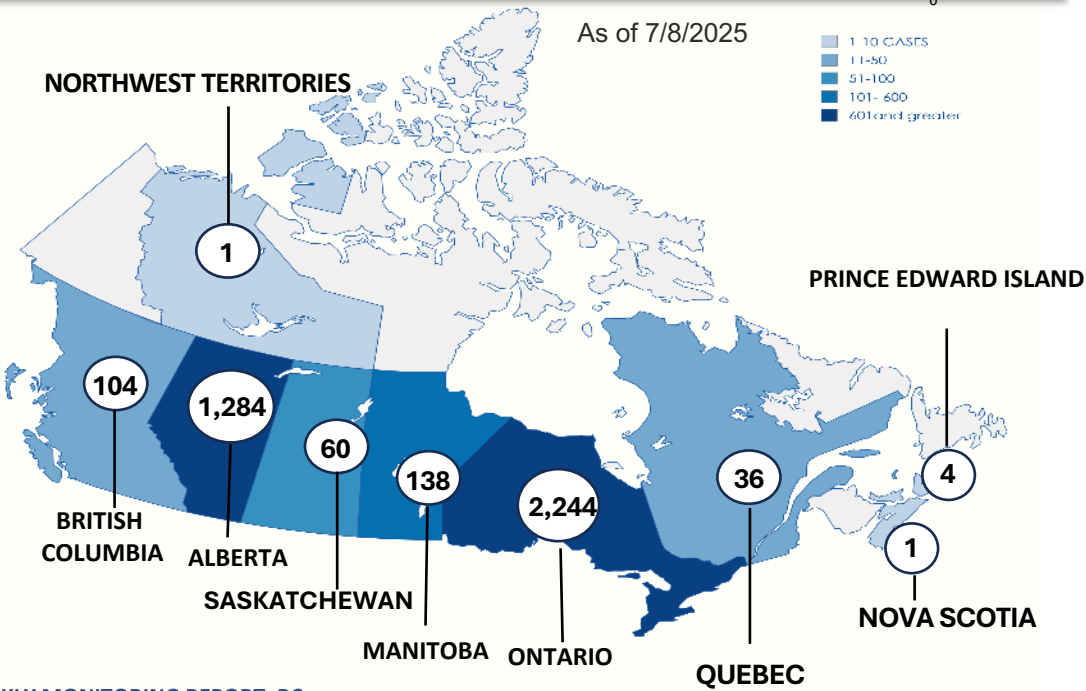


## CANADA OUTBREAK:

- An ongoing outbreak of measles in Ontario has been traced back to a large gathering in New Brunswick last fall that guests from Mennonite communities attended. On October 18, 2024, exposure to a travel-related case in New Brunswick led to measles cases in Ontario. Of all the cases reported in 2025 in Ontario, all but 37 cases are linked to the ongoing multi-jurisdictional outbreak.
- Currently, five provinces are experiencing active outbreaks: **Ontario, Alberta, Manitoba, Saskatchewan, and British Columbia.**
- **An infant infected with measles has died** in southwestern Ontario, Canada, the province's chief medical officer of health said in a statement on Thursday, **6/5/2025.**
- Quebec declared its outbreak over on 4/22/2025 after no new cases in 32 days.

## MEASLES 2025

PROVINCE	CASES
ONTARIO	2,244 (+14)
ALBERTA	1,284 (+94)
MANITOBA	138 (+14)
BRITISH COLUMBIA	104 (+17)
SASKATCHEWAN	60
QUEBEC	36
PRINCE EDWARD ISLAND	4 (+2)
NOVA SCOTIA	1
NORTHWEST TERRITORIES	1
TOTAL	3872 (Confirmed and probable)








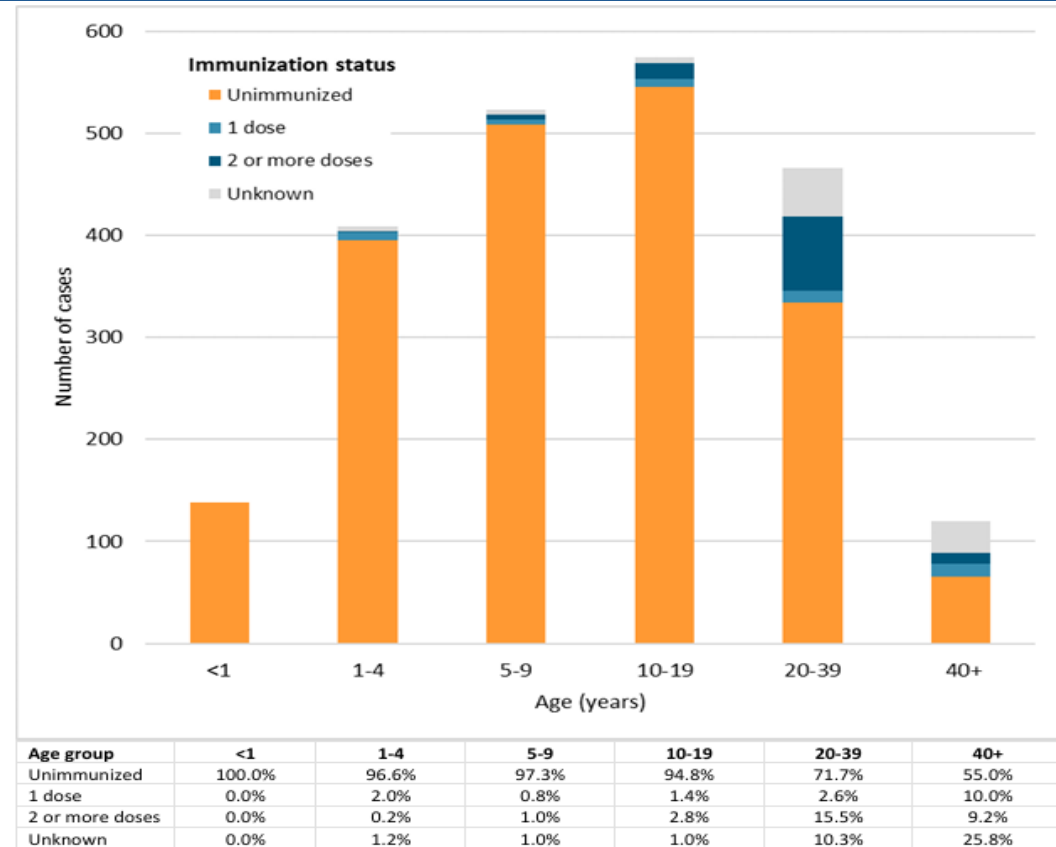
# CANADA OUTLOOK: ONTARIO's OUTBREAK

## (OCTOBER 18, 2024 TO JULY 2, 2025)

### MORBIDITY AND MORTALITY

PROVINCE	CASES 	HOSPITALIZATIONS 	DEATHS 
ONTARIO*	2,244 (+21)	152 (+2)	1

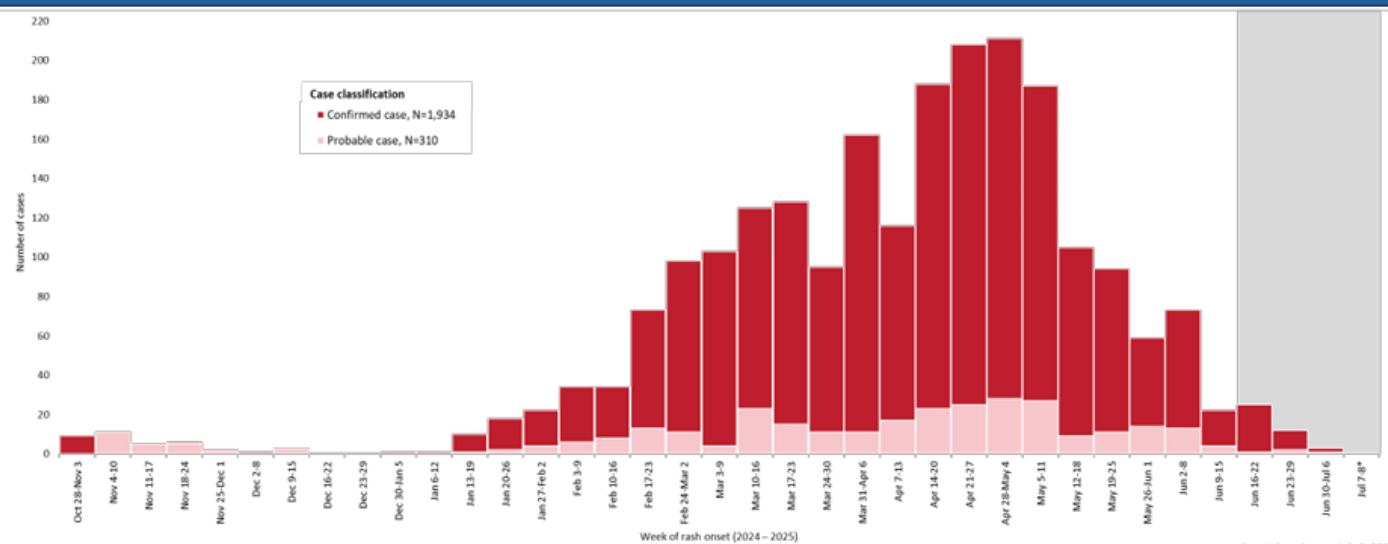
### IMMUNIZATION STATUS OF MEASLES OUTBREAK CASES BY AGE GROUP: OCTOBER 28, 2024 – JULY 8, 2025



### Multi-Jurisdictional Outbreak

- As of July 8, 2025, Ontario has reported a total of 2,244 measles cases (1,934 confirmed, 310 probable) associated with this outbreak occurring in 25 (+3) public health units.
- Among all outbreak cases, the majority (73.3%, n=1,645) were infants, children, and adolescents (19 years old or younger), while 26.1% (n=586) were adults, and 0.6% (n=13) had unknown age.
  - Almost all infant, child, and adolescent outbreak cases (96.5%, n=1,587) were unimmunized, while 68.3% (n=400) of adults were unimmunized.
  - 98.3% (n=2,185) of outbreak cases were born in or after 1970.
- A total of 2.1% (n=48) of outbreak cases were pregnant at the time of their measles infection.
- There was one death that occurred in a congenital case of measles, who was born pre-term and had other underlying medical conditions.
- A total of 2.1% (n=48) of outbreak cases were pregnant at the time of their measles infection.
  - Of these, 81.3% (n=39) were unimmunized, 2.1% (n=1) received one dose of measles-containing vaccine, 10.4% (n=5) received two or more doses, and 6.3% (n=3) had unknown immunization status.
  - There have been eight cases of congenital measles (i.e., measles diagnosed in the first 10 days of life).
- There was one death that occurred in a congenital case of measles, who was born pre-term and had other underlying medical conditions.

### NUMBER OF MEASLES CASES BY WEEK OF RASH ONSET, 10/28/2024 – 07/8/2025



# 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.

**Yale MPH Student Contributors:** Our semester has come to a close. Congratulations to all our graduates who worked tirelessly on this report throughout the semester. Over the summer months, volunteers will step in to continue the reports.

**LTC (R) Joanne McGovern** – [Joanne.McGovern@yale.edu](mailto:Joanne.McGovern@yale.edu)

Lecturer, Department of Environmental Health Sciences, Yale School of Public Health

**Shoa Moosavi** (Editor)