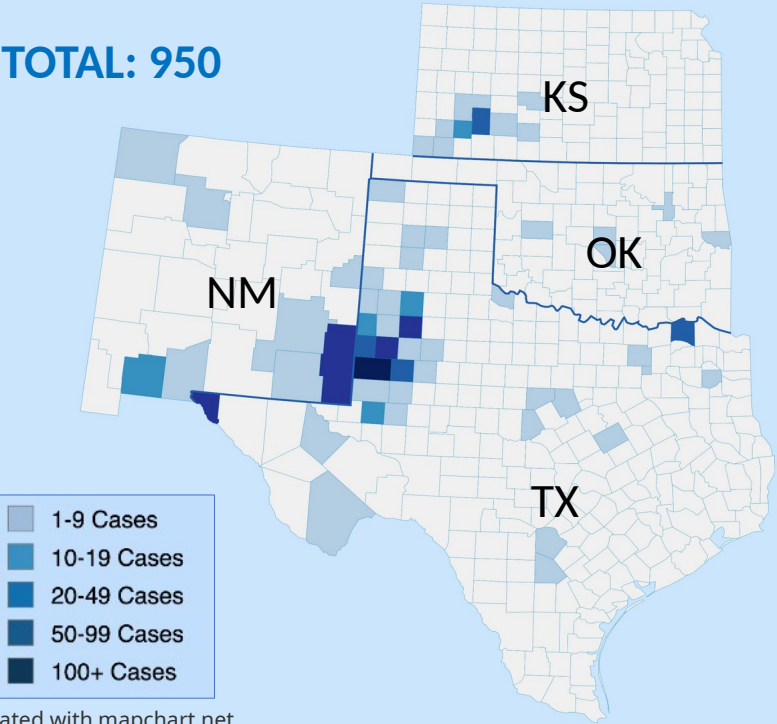


YALE SCHOOL OF PUBLIC HEALTH - ESF-8 VIRTUAL MEDICAL OPERATION CENTER SPECIAL REPORT




# MEASLES OUTBREAK - SOUTHWEST U.S. - 2025

TOTAL: 950



Created with mapchart.net

## MORBIDITY AND MORTALITY

STATE	CASES 	HOSPITALIZATIONS 	DEATHS 
TX	755 (+4)	99 (+2)	2
NM	95 (+9)	7	1
OK	20	0	0
KS	80 (+3)	5 (+2)	0
TOTAL	950 (+16)	111 (+4)	3

## BACKGROUND

## TIMELINE

## CURRENT SITUATION

## EPI CURVE / CASES OVER TIME

## EPI SUMMARY

## US OUTLOOK

## MEXICO

## CANADA

## EUROPE (EU)

## GLOBAL

As of this date, the United States has reported 1,281 cases, the highest number of measles cases since the disease was eliminated in the country in 2000.

7/6/2025  
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	HIGH	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 PATIENTS](#)
- [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 **111 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](#))

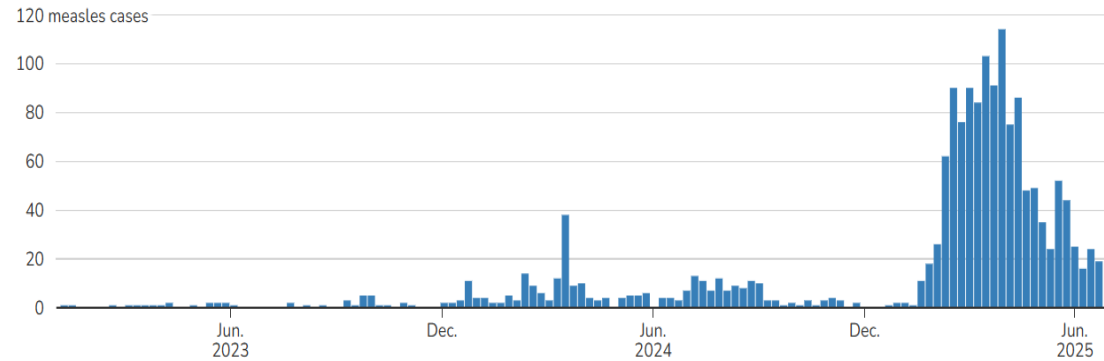
**IN THE US:** [AS of 7/6/2025, the United States reported 1,281 measles cases in 2025—the highest total since the disease was declared eliminated in 2000.](#) This resurgence poses a serious threat to the nation’s measles elimination status, achieved 25 years ago through sustained high vaccination coverage. 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, leading to a global increase in measles cases. The Americas are experiencing a 29-fold increase in cases compared to this time last year ([PAHO](#)). WHO, in its latest report, estimates 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](#)

### [1267 \(+40\) CONFIRMED MEASLES CASES \(AS OF 7/2/2025\)](#)



As of July 1, 2025, a total of 1,267 confirmed\* measles cases were reported by 38 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, and Washington.

**Age**  
Under 5 years: 360 (28%)  
5-19 years: 464 (37%)  
20+ years: 431 (34%)  
Age unknown: 12 (1%)

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

**Percent Hospitalized: 12%**  
**Percent of Age Group Hospitalized:**  
Under 5 years: 21% (74 of 360)  
5-19 years: 8% (36 of 464)  
20+ years: 10% (44 of 431)  
Age unknown: 8% (1 of 12)

**Deaths: 3**  
  
There have been 3 confirmed deaths from measles.

# TIMELINE (JANUARY – JUNE 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 hospitalized.

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 hospitalized individuals.

NMDOH reports 44 cases, 1 fatality, and 2 hospitalized

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 hospitalized individuals.

NMDOH reports 6 cases, 1 fatality, and 2 hospitalized

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 - 7/6

DSHS reports 755 cases, 2 fatalities, and 99 hospitalizations.

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

OSDH reports 20 cases.

KDHE reports 80 cases and 5 hospitalizations.

# CURRENT SITUATION

As of July 6, 2025, the Southwestern outbreak has **950 cases**, including confirmed and pending cases across **Texas, New Mexico, Oklahoma**, and **Kansas**. The situation remains fluid.

## CURRENT CASE COUNT: 950

- **Texas: 755 (+4)** (55% of cases are in Gaines County).
- **New Mexico: 95(+9)** (83% of cases are from Lea County).
- **Oklahoma: 20**
- **Kansas: 80 (+3)** (38.89% of the cases are from Gray County).

## HOSPITALIZATIONS: 111

- **Texas: 99 (+2)** – This accounts for 13% of all cases in Texas.
- **New Mexico: 7** – This accounts for 7.73% of all cases in New Mexico.
- **Kansas: 5 (+2)** – This accounts for 6.25% 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: 1,281(AS OF 7/6/2025)

## INTERNATIONAL SPREAD

- **Mexico:3,118(+179), 9 fatalities**
  - **Chihuahua Outbreak, Mexico: 2,922 (+170)** cases, 8 fatalities, 5 currently hospitalized.
  - **Sonora Outbreak, Mexico: 82 cases, 1 fatality**
- **Canada: 3,723 (+100), 1 fatality**
  - **Ontario Outbreak, Canada: 2,223 (+1)** cases, 150 hospitalizations, 1 fatality.
  - **Alberta Outbreak, Canada: 1,190 (+68)** cases, 2 currently hospitalized

## AGES OF CASES:

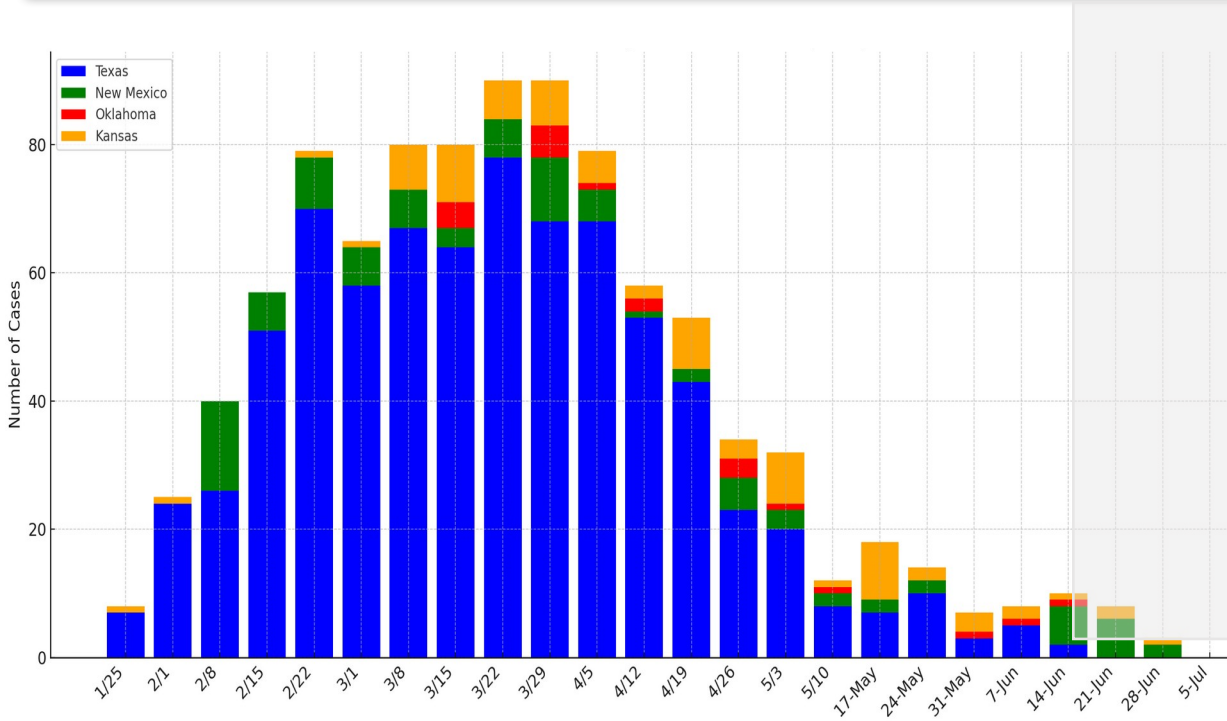
WEST TEXAS OUTBREAK				
0-4 Years	5-17 Years	18+ Years	Pending	Total
221 (29%)	284 (38%)	244 (32%)	6 (0.5%)	755
NEW MEXICO OUTBREAK				
0-4 Years	5-17 Years	18+ Years	Pending	Total
24 (25%)	20 (21%)	51 (54%)	0	95
KANSAS OUTBREAK				
0-4 Years	5-17 Years	18+ Years	Pending	Total
33 (39%)	33 (45%)	14 (16%)	0	80
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	5	1	69	5	80

# EPI CURVE AND CASES OVER TIME

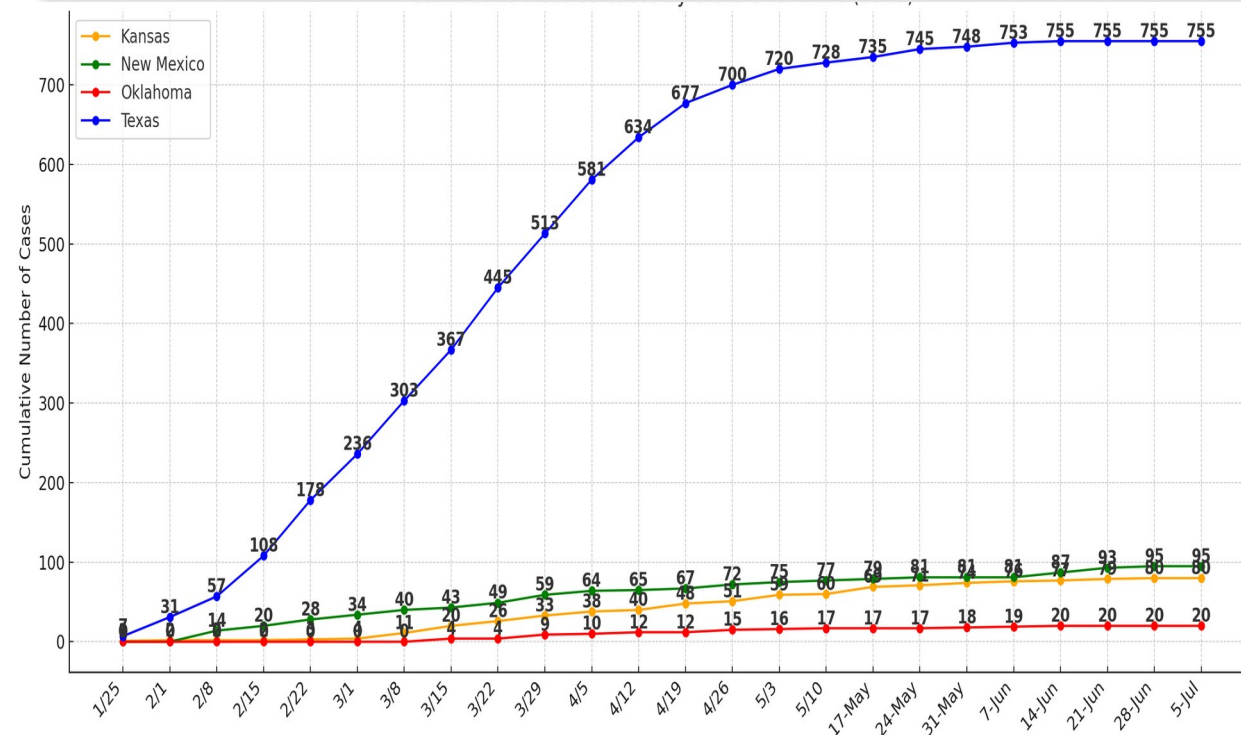
SOUTHWEST MEASLES OUTBREAK - EPI CURVE (WEEK ENDING 07/5/2025)



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 5/5/2025)



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 have been reported.
- **KS:** A total of 80 cases across 9 counties.



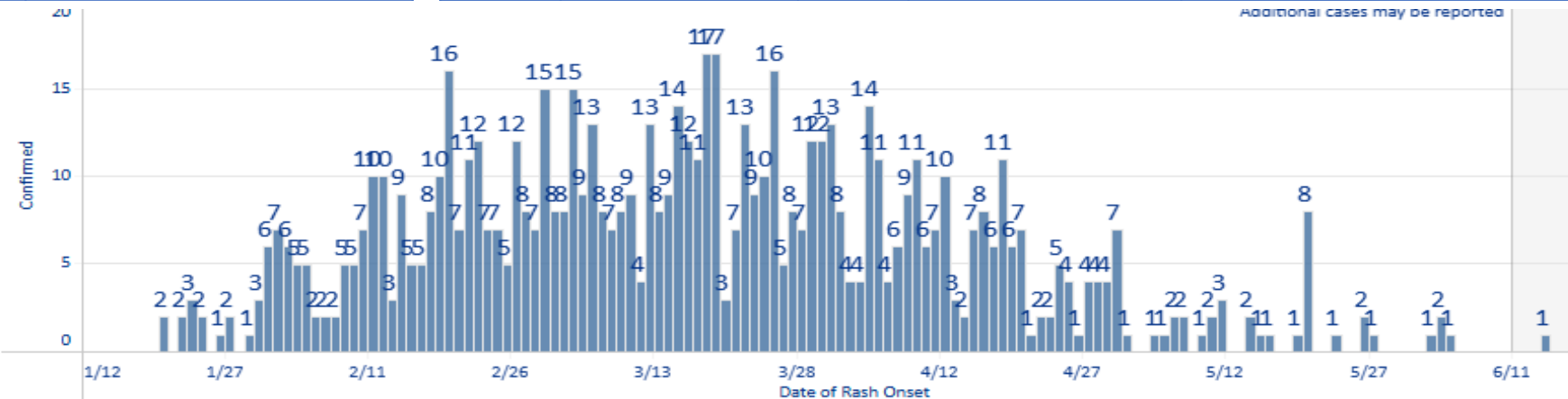
# EPI SUMMARY - TEXAS

(n= 755) AS OF 7/1/2025

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	0.42%	97.70%	0
Atascosa	1	0.14	98.51	0
Bailey	2	0.28%	98.94%	0
Bexar	1 (New)	0.14%	94.44%	1
Borden	1	0.14%	94.44%	1
Brewster	1	0.14	94.74%	1
Brown	1	0.14%	93.64%	5
Carson	1	0.14%	91.67%	3
Cochran	14	1.97%	95.20%	1
Collins	1	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	12	1.48%	91.30%	5
El Paso	61 (+2)	8.05%	96.37%	8
Erath	1	0.14%	93.94%	5
Gaines	414 (+1)	56.49%	82.00%	3
Garza	2	0.28%	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	0.84%	98.30%	2
Harderman	1	0.14%	94.40%	3
Hockley	6	0.84%	94.40%	3
Lamar	23	2.67%	96.84%	0
Lamb	1	0.14%	97.37%	1
Lubbock	53	7.16%	92.25%	8
Lynn	2	0.28%	92.16%	2
Martin	3	0.42%	96.59%	1
McLennan	9		96.53	6
Midland	6	0.42%	94.77%	4
Parmer	5	0.70%	95.04%	1
Potter	1	0.28%	96.32%	3
Randall	1	0.14%	93.95%	1
Reeves	2	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

\* 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 Cour

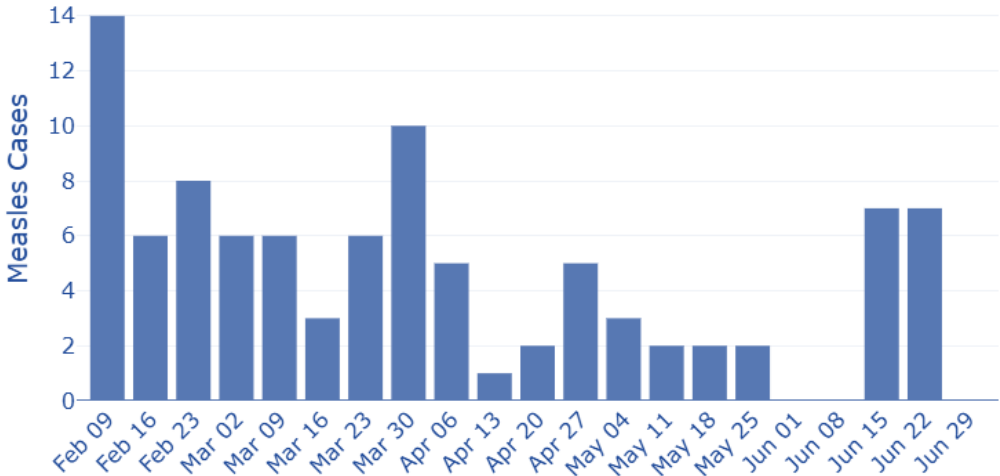
# EPI SUMMARY – NEW MEXICO

COUNTY	MEASLES CASES (NUMBER OF NEW CASES)	% of TOTAL CASES	% KINDERGARTENERS VACCINATED (2023-2024)
New Mexico (n=95) AS OF 7/3/2025			
Chaves	1	1.27%	98%
Curry	1	1.27%	95%
Doña Ana	2	2.53%	95%
Eddy	3	3.8%	93%
Lea	67 (+1)	83.54%	94%
Luna County	14 (+9)		
San Juan	1 (New)		
Sandoval	6	7.59	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
Total	4	---

Measles by Case Week



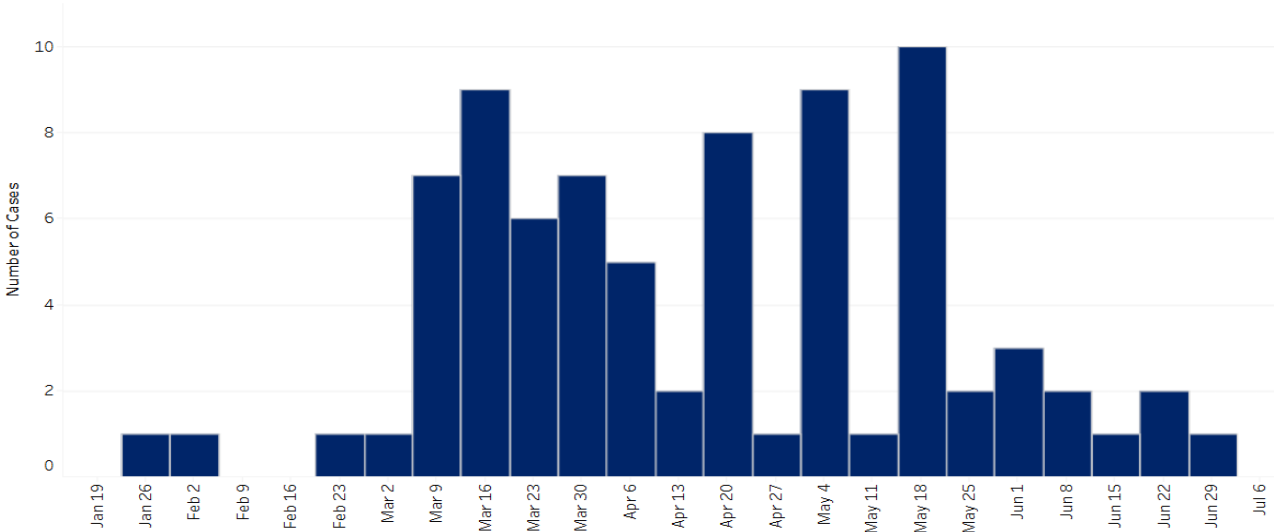
\*If date of rash not available, the following hierarchy is used for date: symptom onset date, specimen collection date, hospital admission date, or date reported.

# EPI SUMMARY - KANSAS

COUNTY	MEASLES CASES (NUMBER OF NEW CASES)	% of TOTAL CASES	% KINDERGARTENERS VACCINATED (2023-2024)
KANSAS (n=80) AS OF 7/2/2025			
<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)	35%	66%
<a href="#">Haskell</a>	18(+1)	22.5%	58%
<a href="#">Kiowa</a>	6	7.5%	92%
<a href="#">Morton</a>	Between 1- 5		82%
<a href="#">Pawnee</a>	7	8.75%	?
<a href="#">Stevens</a>	7	8.75%	83%

Southwest Kansas Measles Outbreak Cases by Week of Symptom Onset

[Provisional Data]

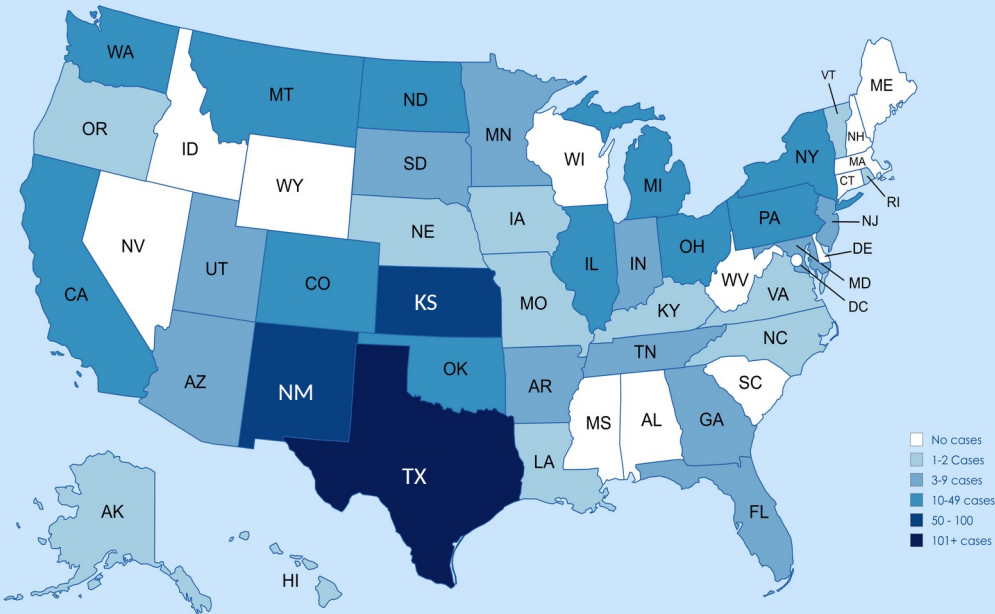




# US OUTLOOK

*\* 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)*

1,281\*



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 **	792
NEW MEXICO	95
KANSAS	83
OHIO	35
NORTH DAKOTA	34
MONTANA	25
OKLAHOMA	20
MICHIGAN	18
CALIFORNIA	17
COLORADO	16
PENNSYLVANIA	15
NEW YORK	13
ILLINOIS	10
WASHINGTON	10
ARKANSAS	8
UTAH	9
ARKANSAS	8
INDIANA	8
KENTUCKY	7
GEORGIA	6
IOWA	6
TENNESSEE	6
MINNESOTA	5
ARIZONA	4
SOUTH DAKOTA	4
FLORIDA	4
MARYLAND	3
NEW JERSEY	3
VIRGINIA	3
ALASKA	2
HAWAII	2
LOUISIANA	2
MISSOURI	2
NEBRASKA	1
NORTH CAROLINA	1
OREGON	1
RHODE ISLAND	1
VERMONT	1
WYOMING	1
TOTAL	1,281

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 6 July 2025, EDT, there are approximately 1,281 measles cases (including confirmed and suspected cases) across 39 states.

This year, there have been at least 27measles 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: 37

- 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

**FLORIDA:** A second confirmed case of measles has been reported in Leon County, according to the [Florida Department of Health](#). The state's weekly report for the week ending June 28 noted that a 15- to 19-year-old contracted the highly contagious disease. Last week, [DOH reported a person between the ages of 25 and 29](#) acquired the disease outside of the state in June.

**KENTUCKY:** There is an ongoing measles outbreak in central Kentucky. As of July 3, there are four total cases connected with this outbreak in Woodford and Fayette counties.

**MONTANA:** Numbers climbed to **25 this week**, with two hospitalizations. Currently, there are four active cases in Gatlin County, which has seen a total of 17 cases.

**MICHIGAN:** Health officials in Grand Traverse County have confirmed a "measles outbreak". This marks Michigan's second outbreak of 2025. Four cases are linked to this outbreak. In a separate development, a young child in Kent County who recently traveled internationally with family has also tested positive for measles. The child potentially exposed others to the virus at Helen DeVos Children's Hospital on June 28. Michigan has now reported a total of 18 measles cases in 2025.

**UTAH:** There are now [nine reported cases](#) of measles across Utah. The Department of Health and Human Services (DHHS) announced that the two newest cases of measles came from Utah County, and both were unvaccinated individuals.

**WYOMING:** Wyoming is [reporting its first measles case in 15 years](#) as the infectious disease continues to spread across the United States. The state's Department of Health announced on July 1, 2025, that it had confirmed a case in an unvaccinated child in Natrona County, located in the central part of the state and including the town of Casper.

This past week, the United States reported **1,281 measles cases in 2025**, the **highest total since the disease was declared eliminated in 2000**. This surge poses a serious threat to the nation's measles elimination status, which was achieved 25 years ago through sustained high vaccination coverage. If outbreaks continue uninterrupted for more than 12 months, the U.S. risks losing its official designation as a country where measles has been eliminated.

Although the large outbreak in the Southwest has slowed, the situation remains fluid.

Smaller, localized outbreaks are now driving the continued rise in cases nationwide.

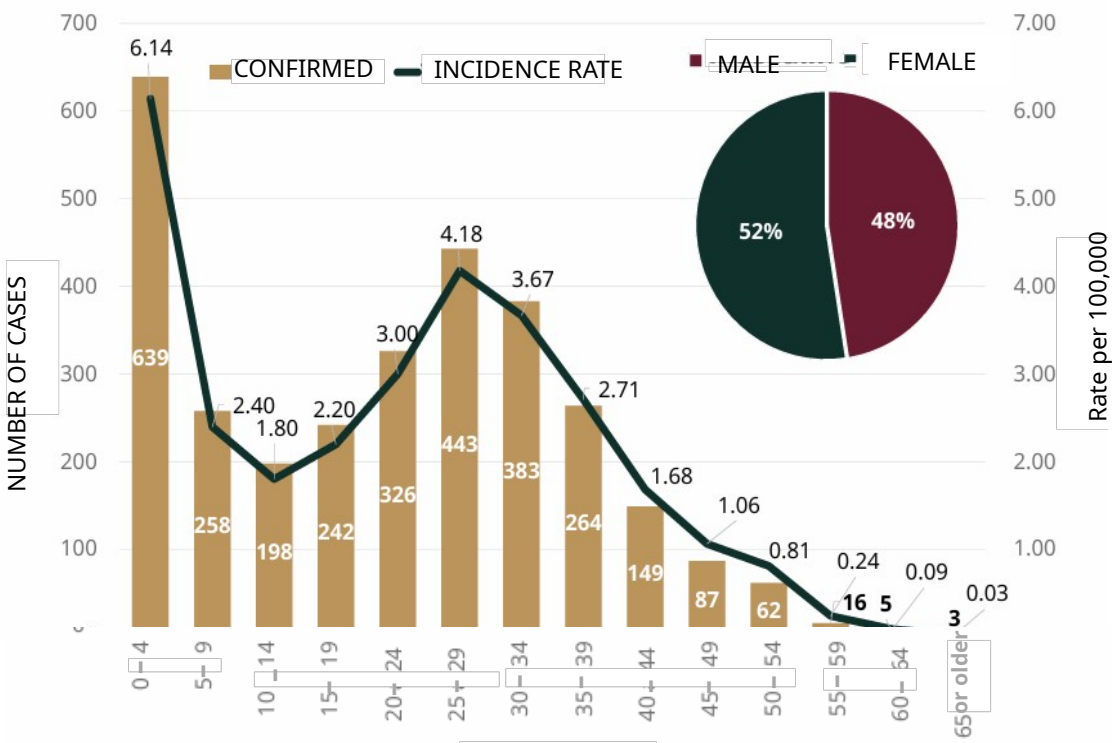
Currently, 88% of all U.S. measles cases are linked to outbreaks, and 92% of these cases involve individuals who are unvaccinated. In 2024, there were 16 outbreaks—this year, the number has already climbed to 27.

# MEXICO OUTLOOK

## OVERVIEW

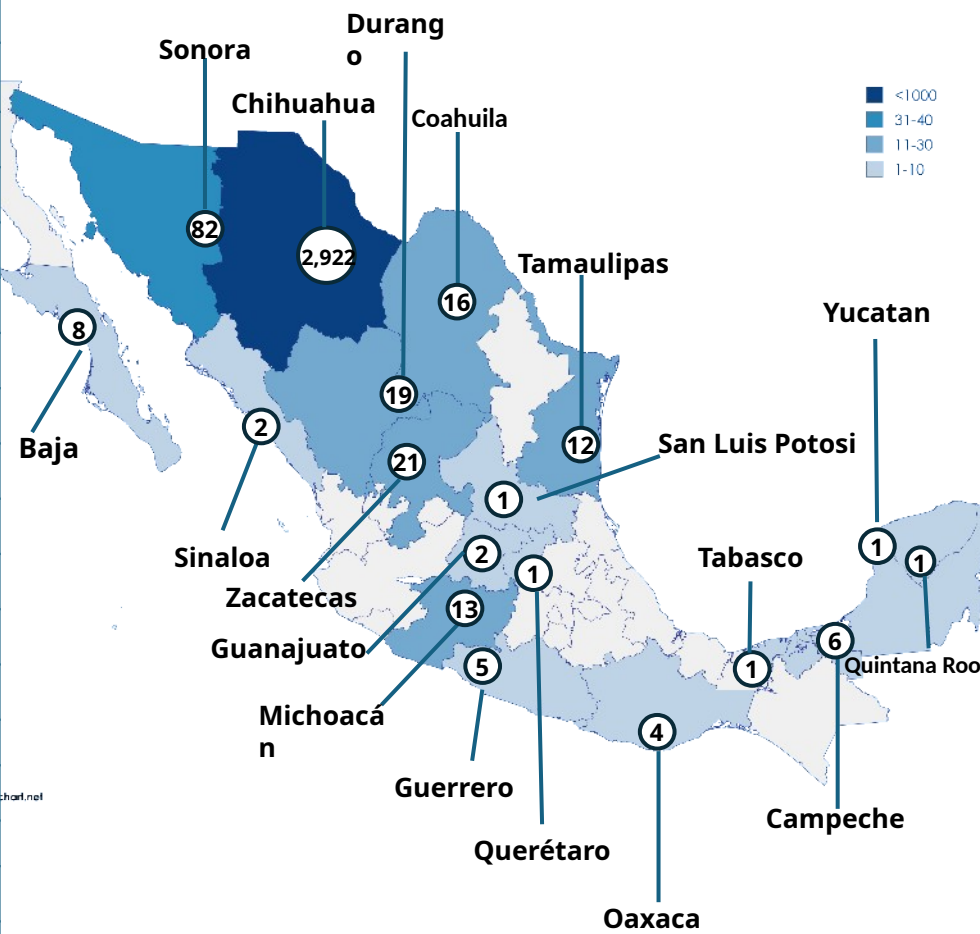
Mexico is currently facing its largest measles outbreak in decades, centered in the Mennonite community of Cuauhtémoc, Chihuahua. Genetic and epidemiological investigations have linked the outbreak to an unvaccinated child who traveled from Seminole, Texas, to visit relatives in late January 2025, seeding 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 age groups with incidence rates of 4.18 and 3.67, respectively

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

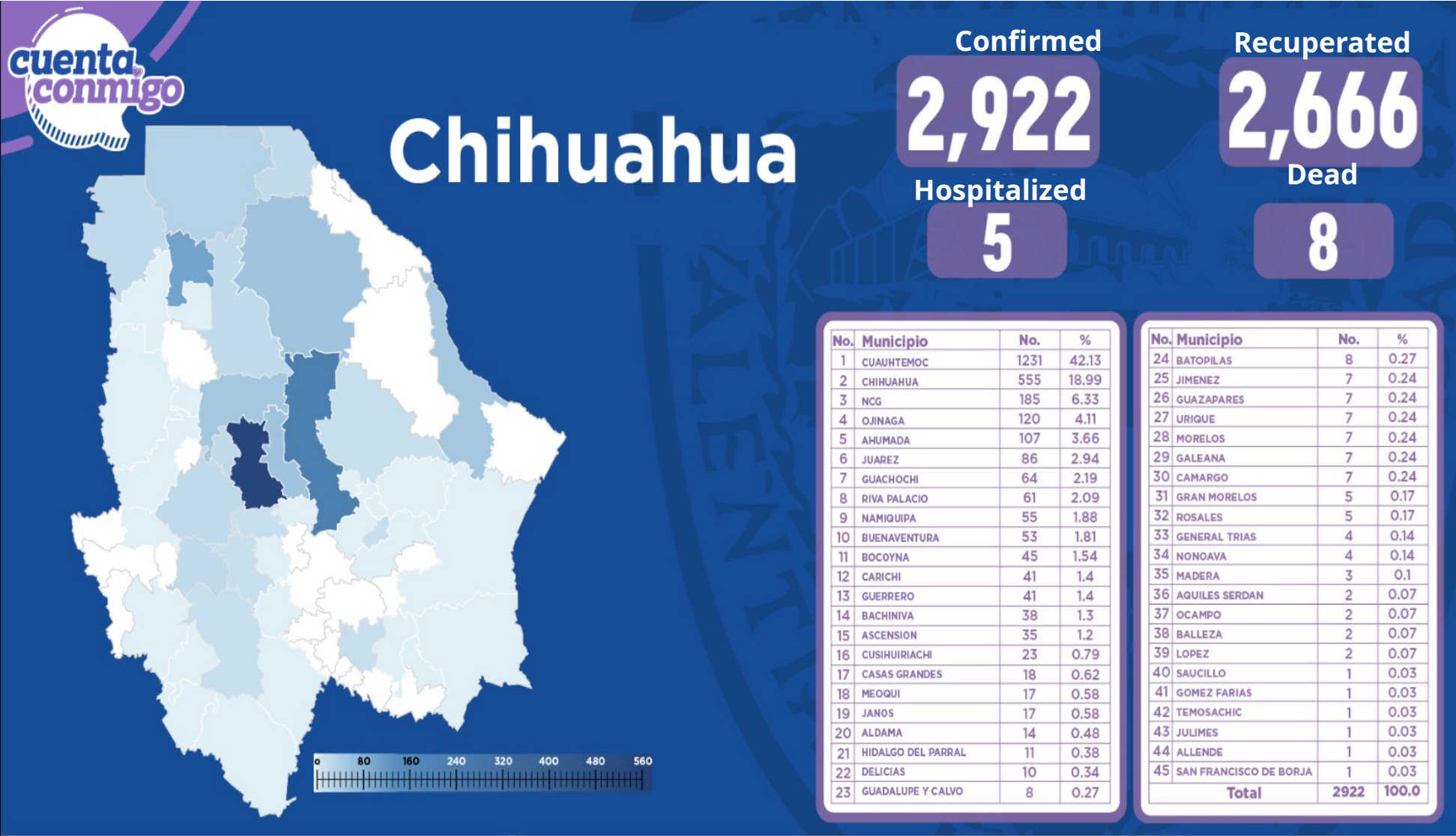


Confirmed Measles	
State	Cases
Baja California Sur	8(+1)
Campeche	6
Chihuahua	2,879 (+170)
Coahuila	16(+1)
Durango	19 (+3)
Guanajuato	2
Guerrero	5
Michoacán	13
Oaxaca	4
Querétaro	1
Quintana Roo	2
San Luis Potosi	1
Sinaloa	2
Sonora	82 (+3)
Tabasco	1
Tamaulipas	12
Yucatan	1
Zacatecas	21 (+1)
TOTAL	3,118 (+179)

Data as of 7/6/2025



# MEXICO: CHIHUAHUA



Fuente: Secretaría de Salud

SOURCE OF GRAPHIC: MediChihuahua



GOBIERNO  
DEL ESTADO  
DE CHIHUAHUA

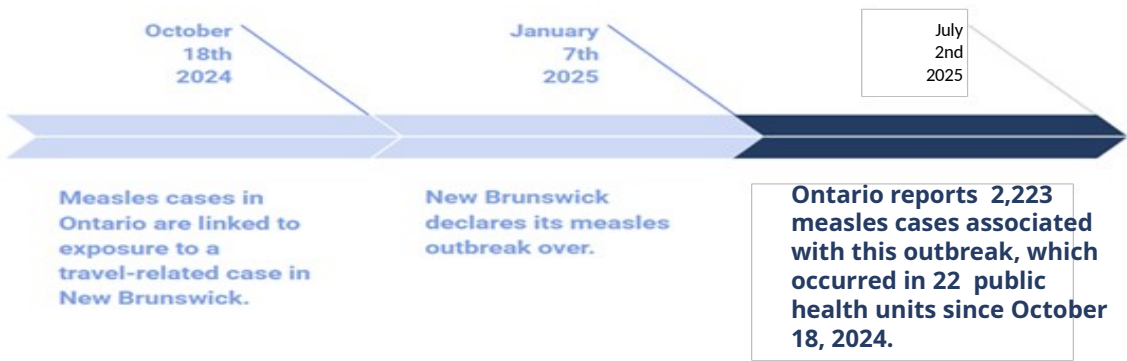
SECRETARÍA  
DE SALUD





# CANADA OUTLOOK

## Brief Timeline of Outbreak

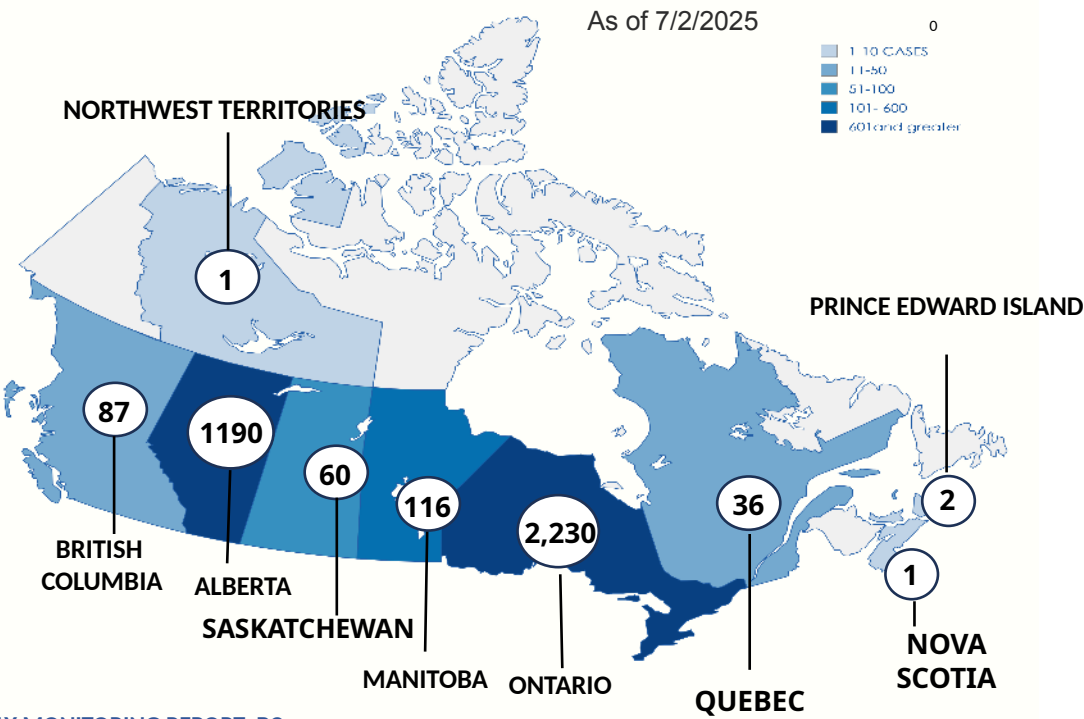


## CANADA OUTBREAK:

- 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.
- 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	2,230 (+8)
ALBERTA	1,190 (+68)
MANITOBA	116
BRITISH COLUMBIA	87 (+24)
SASKATCHEWAN	60
QUEBEC	36
PRINCE EDWARD ISLAND	2
NOVA SCOTIA	1
NORTHWEST TERRITORIES	1
TOTAL	3723 (Confirmed and probable)



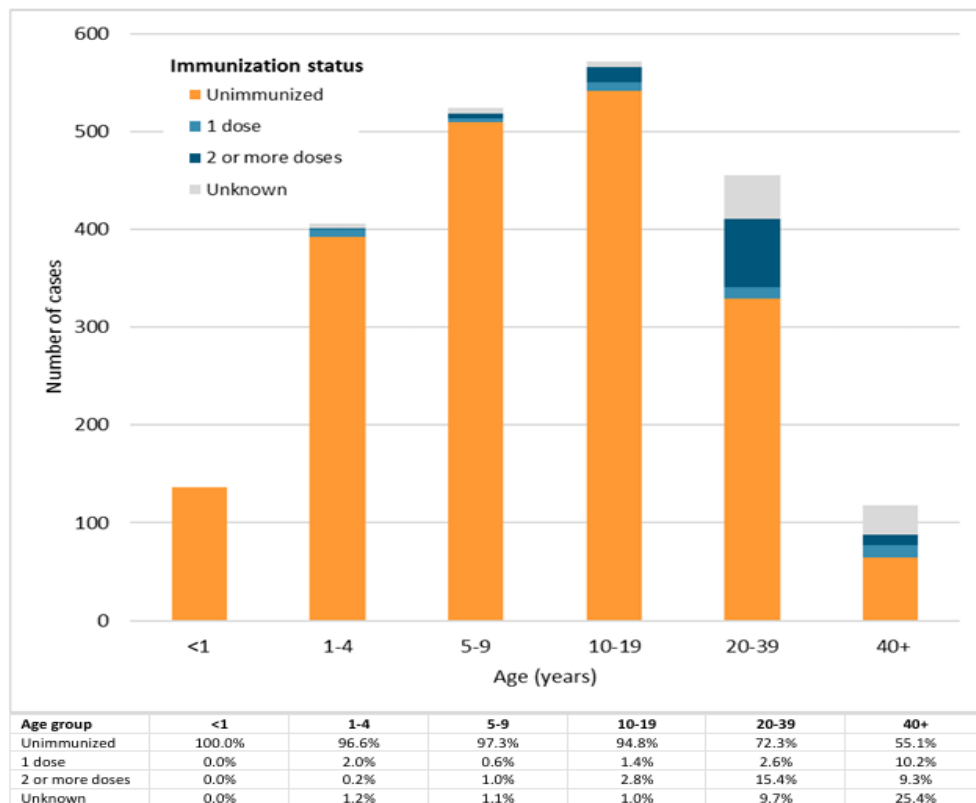
# CANADA OUTLOOK: ONTARIO's OUTBREAK

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

### MORBIDITY AND MORTALITY

PROVINCE	CASES 	HOSPITALIZATIONS 	DEATHS 
ONTARIO*	2,223 (+11)	150 (+1)	1

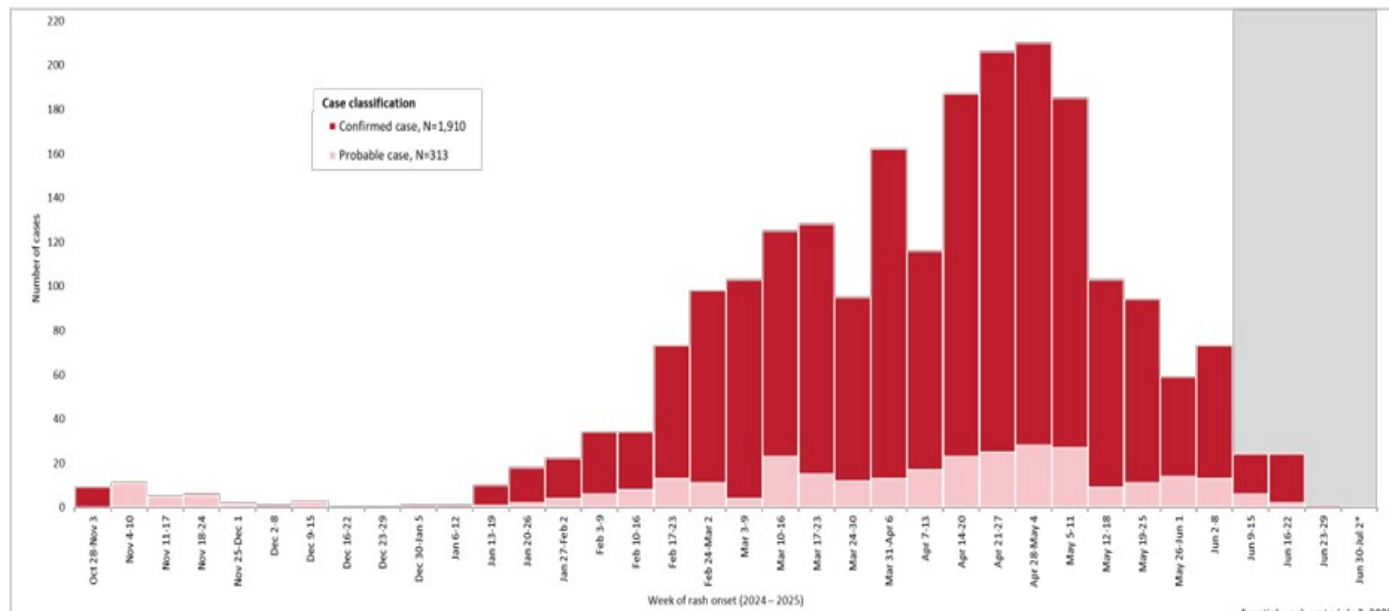
### IMMUNIZATION STATUS OF MEASLES OUTBREAK CASES BY AGE GROUP: OCTOBER 28, 2024 – JULY 2, 2025



### Multi-Jurisdictional Outbreak

- Among all outbreak cases, the majority (73.7%, n=1,638) were infants, children, and adolescents (19 years old or younger), while 25.8% (n=573) were adults, and 0.5% (n=12) had unknown age.
- Almost all infant, child, and adolescent outbreak cases (96.5%, n=1,580) were unimmunized, while 68.8% (n=394) of adults were unimmunized.
- 98.3% (n=2,185) of outbreak cases were born in or after 1970.
- A total of 2.1% (n=47) of outbreak cases were pregnant at the time of their measles infection.
- Overall, 6.7% (n=150) of outbreak cases were hospitalized, and 0.5% (n=12) were admitted to the intensive care unit (ICU).
  - 94.0% (n=141) of hospitalized cases were unimmunized, of whom 108 were infants, children, and adolescents.
  - The median length of stay among discharged hospitalized cases was three days (range: 1-54 days), and the median length of stay among ICU admissions was three days (range: 1-54 days).
- 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 – 07/2/2025



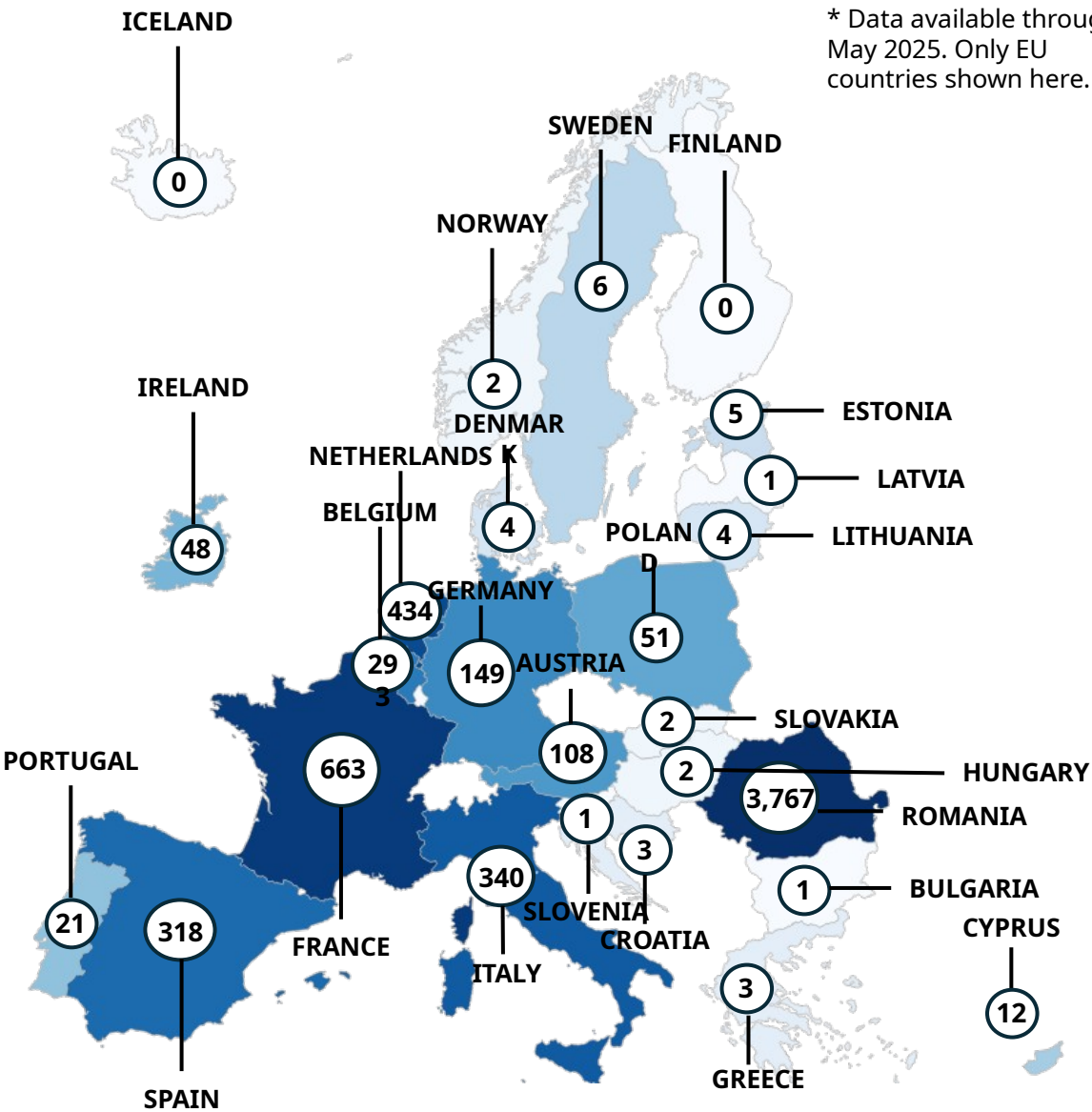


# EUROPE (EU) OUTLOOK

MEASLES CASES (JAN 2025 - MAY 2025)

COUNTRY	CASES	VACCINATION RATE	COUNTRY	CASES	VACCINATION RATE
ROMANIA	3,767	71%	DENMARK	4	94%
FRANCE	663	92%	LITHUANIA	4	87%
NETHERLANDS	434	85%	CROATIA	3	90%
ITALY	340	85%	GREECE	3	83%
SPAIN	318	92%	NORWAY	2	94%
BELGIUM	293	83%	SLOVAKIA	2	96%
GERMANY	149	93%	HUNGARY	2	99%
AUSTRIA	108	94%	SLOVENIA	1	92%
POLAND	51	86%	LATVIA	1	86%
IRELAND	48	-	BULGARIA	1	87%
PORTUGAL	21	96%	ICELAND	0	80%
CZECHIA	16		FINLAND	0	92%
CYPRUS	12	88%	TOTAL	6,254	
SWEDEN	6	91%			
ESTONIA	5	84%			

As of May 2025, 30 countries reported measles data, with 686 cases reported by 17 countries. Thirteen countries reported zero cases. Overall, case numbers decreased compared with the previous month; however, this may be subject to change in the event of a future retrospective update. The highest case counts were reported by Romania (162), France (134), Belgium (126), Italy (72), and the Netherlands (54).



# EUROPE OUTLOOK

## ROMANIA

Cases	Hospitalizations	Deaths	Vaccination Rate
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3,767  
As of June 23, 2025, there have been 3,767 cases of measles reported in Romania. The virus is circulating in clusters, with at least two genetically distinct variants of the D8 genotype. From 2023 to 2025, there have been 30 deaths from measles in Romania, four of which occurred this year. Details are not available for the cases, but most previously reported deaths occurred in 2025. The country has been experiencing a years-long outbreak which was declared in December 2023. Romania’s measles outbreak has lasted for several years, fueled by the lowest vaccination rate in the EU (71%). There has been a rise in anti-vaccination sentiment and mistrust of healthcare workers, and the country’s under-resourced health system has been unable to keep up with the high number of cases. Measles vaccines are available for free but are not required.

## FRANCE

Cases	Hospitalizations	Deaths	Vaccination Rate
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663  
As of June 2025, there have been 663 cases of measles, 222 hospitalizations, and 2 deaths in France. Both deaths occurred in immunocompromised individuals. Most cases were unvaccinated or partially vaccinated. The rate of infections in adolescents and adults has risen, indicating more active circulation of the virus in these populations. Among the reported cases, 14% were imported or travel-linked, 76% did not report any travel within 7-18 days before rash onset, and 10% had an unknown origin of infection. This indicates that while the virus is repeatedly introduced to the country via travel, local spread is also driving the outbreak. Analyses detected 86 clusters of epidemiologically-linked cases, most of which involved less than 5 cases. 18 clusters were five or more people; many were associated with specific primary schools. Cases were most commonly imported from Morocco (39), other countries in Europe (24), and Vietnam (10). Travel-related cases resulted in chains of transmission, with transmission mainly occurring in family and healthcare settings. 59.8% of sequenced viruses were B3, 38.5% were D8. All strains linked to Morocco were the B3 variant.

## NETHERLANDS

Cases	Hospitalizations	Deaths	Vaccination Rate
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434  
As of June 23, 2025, there have been 434 cases of measles and one death in the Netherlands. Most cases have occurred in children under 10. Public health authorities emphasizes that there is no national outbreak at this time, as genetic analyses showed that cases have mainly occurred in isolated clusters, with transmission occurring between family members and related to primary schools. There have also been 51 reports of travel-associated cases, most commonly in Morocco (35) and Europe (10).

## ITALY

Cases	Hospitalizations	Deaths	Vaccination Rate
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340  
As of June 2025, there have been 340 cases of measles in Italy. The majority of cases (77.5%) have occurred in individuals 15 years or older, and over half were hospitalized. 97.1% of cases were unvaccinated or partially vaccinated. For those with a known source of infection, 43.6% occurred within a family, 25.2% in a healthcare setting, 20.2% during international travel, and 8.0% in a non-healthcare work environment.

## SPAIN

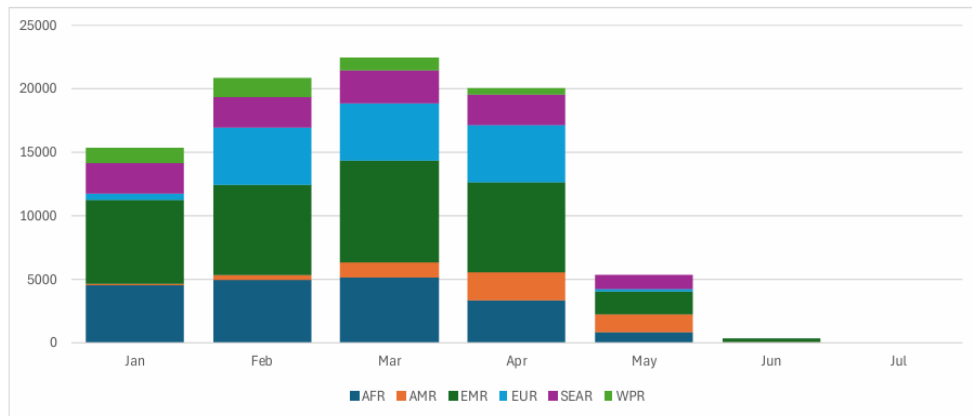
Cases	Hospitalizations	Deaths	Vaccination Rate
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318  
As of June 2025, there have been 318 cases of measles in Spain. The current situation has been fueled by travel, with two-thirds of cases imported (most commonly from Morocco) or related to imported cases. There are seven active outbreaks.

# GLOBAL OUTLOOK:

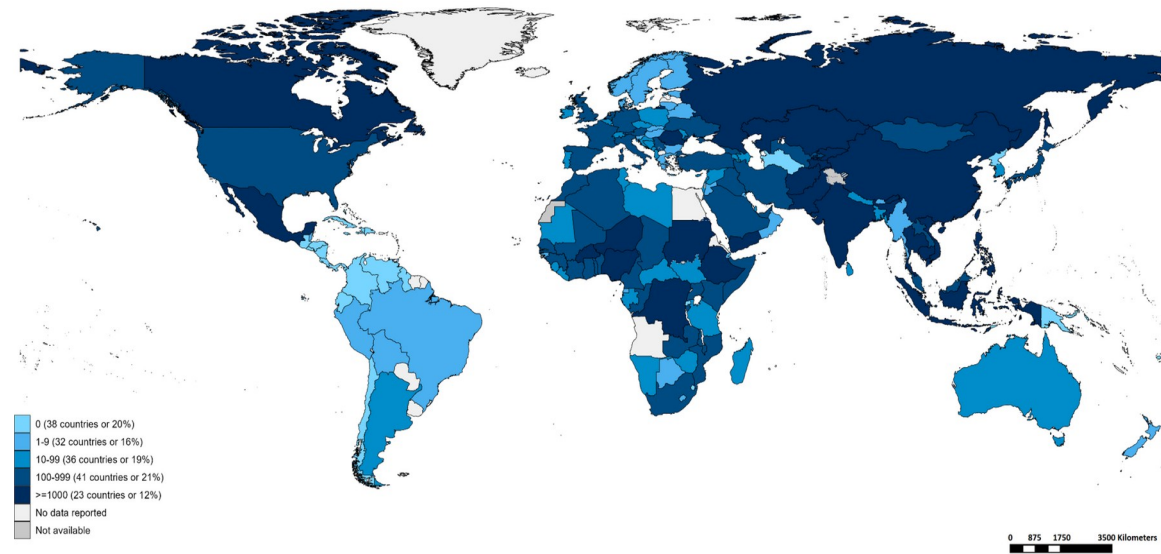
According to the monthly measles and rubella surveillance data published by the World Health Organization (WHO) in 2025, as of June 6, 2025, 188,355 suspected cases of measles were reported in 168 Member States across the six WHO regions, of which 88,853(47.1%) were confirmed:

- 35% of cases - WHO Eastern Mediterranean Region (EMR)
- 21 % of cases - WHO Africa Region (AFR)
- 21% of cases - WHO European Region (EURO)
- 12%of cases - WHO South-East Asia Region(SEAR)
- 6% of cases - WHO (AMR)
- 5% of cases - WHO Western Pacific Region



**WHO Regions:** **AFR:** WHO African Region; **AMR:** WHO Americas Region; **EMR:** WHO Eastern Mediterranean Region; **EUR:** WHO European Region; **SEAR:** WHO South-East Asia Region; **WPR:** WHO Western Pacific Region.

## Number of Reported Measles Cases (Last 6 months)



Map production: World Health Organization, 2025. All rights reserved  
Data source: IVB Database

**Disclaimer:** The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Country	Cases*
Yemen	15,344
India**	9,677
Pakistan	8,946
Kyrgyzstan	7,307
Afghanistan	7,252
Ethiopia	6,184
Romania	5,414
Nigeria	2,730
Indonesia	2,569
Russian Federation	2,226

# 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.

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