

MEASLES – THE AMERICAS 2025

MORBIDITY AND MORTALITY		
COUNTRY	CONFIRMED CASES	DEATHS
NORTH AMERICA -3 ACTIVE OUTBREAKS		
<u>US</u>	1,501	3
<u>CANADA</u>	4,977*	1
* Includes the probable cases reported by Canada under the clinically confirmed column, due to alignment with PAHO’s case definition.		
<u>MEXICO</u>	4,630	21
CENTRAL AMERICA - NO ACTIVE OUTBREAKS		
<u>BELIZE (JULY 2025- OUTBREAK OVER)</u>	34	0
<u>COSTA RICA (NO NEW CASES)</u>	1	0
SOUTH AMERICA – 2 ACTIVE OUTBREAKS		
<u>BOLIVIA</u>	320 (+34)	0
<u>ARGENTINA (NO NEW CASES)</u>	35	0
<u>BRAZIL</u>	28 (+7)	0
<u>PARAGUAY</u>	38 (+3)	0
<u>PERU (NO NEW CASES)</u>	4	0
<u>THE CARRIBEAN (NO NEW CASES)</u>	34	0
TOTAL	11,602	25

BACKGROUND

UNITED STATES

CANADA

MEXICO

Yale
SCHOOL
OF PUBLIC
HEALTH

9/21/2025
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
MODERATE	HIGH	HIGH	MODERATE

LINKS

UNITED STATES

[CDC](#)

TEXAS LINKS

[TEXAS DEPARTMENT OF STATE HEALTH SERVICES](#)

NEW MEXICO LINKS

[NEW MEXICO DEPARTMENT OF HEALTH](#)

OKLAHOMA LINKS

[OKLAHOMA STATE DEPARTMENT OF HEALTH](#)

KANSAS

[KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT](#)

CANADA

[MEASLES AND RUBELLA WEEKLY MONITORING REPORT](#)

[ALBERTA DASHBOARD](#)

[BRITISH COLUMBIA](#)

[MANITOBA HEALTH](#)

[NEW BRUNSWICK](#)

[NOVA SCOTIA](#)

[PUBLIC HEALTH ONTARIO](#)

[PRINCE EDWARDS ISLAND](#)

[QUEBEC](#)

[SASKATCHEWAN](#)

MEXICO

[INFORME DIARIO DEL BROTE DE SARAPIÓN EN MÉXICO, 2025](#)

[MEDICHIHUAHUA](#)

BOLIVIA

[ESTAMOS SALUD](#)

PARAGUAY

[Salus Publica](#)

WHO

[Immunization data](#)

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](#)

[IVAC](#)

[KAISER HEALTH NEWS](#)

[MEDPAGE TODAY](#)

[NY STATE GLOBAL HEALTH UPDATE](#)

[THE PANDEMIC CENTER TRACKING REPORT](#)

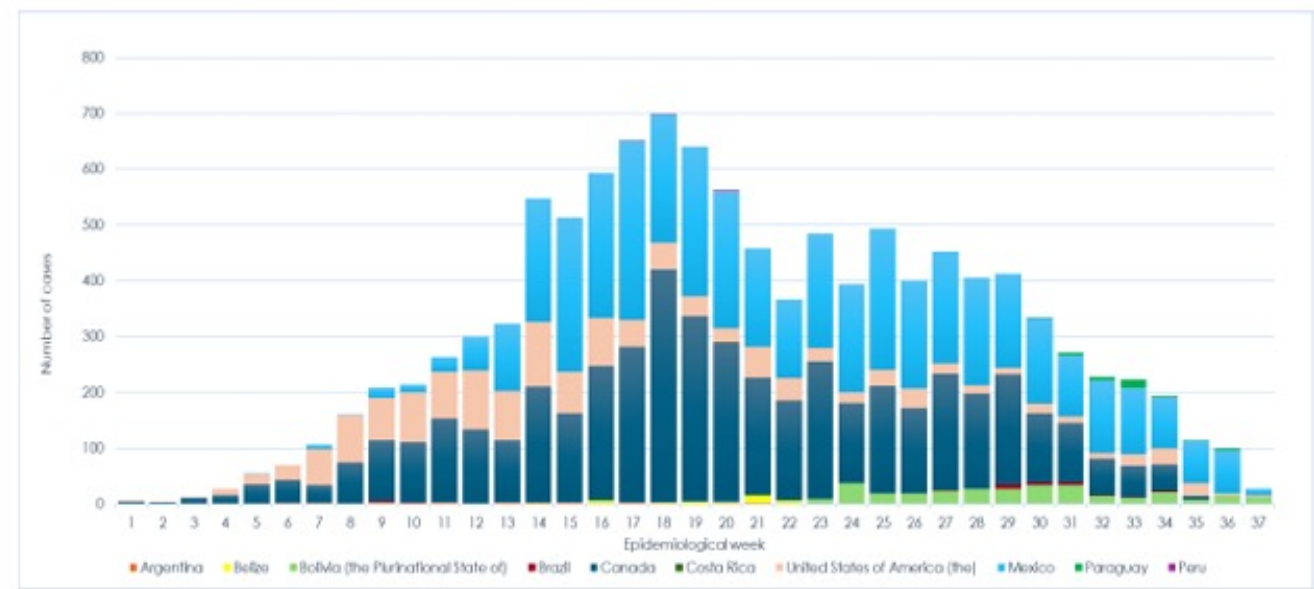
[YOUR LOCAL EPIDEMIOLOGIST](#)

BACKGROUND

TYPE OF PUBLIC HEALTH EMERGENCY: LARGE MULTINATIONAL MEASLES OUTBREAK (20 SEPTEMBER 2025)

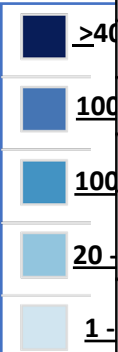
OVERVIEW: In 2025, between epidemiological week (EW) 1 and EW 38, **11,602** measles cases were confirmed in the Americas Region, including 25 deaths, in **Argentina** (n= **35** cases), **Belize** (n= **34** cases), the Plurinational State of **Bolivia** (n= **320** cases), **Brazil** (n= **28** cases), **Canada** (n= **4,977**, including one death), **Costa Rica** (n= **1** case), **Mexico** (n= **4,630** cases, including 21 deaths), **Paraguay** (n= **38** cases), Peru (n= **4** cases), and the **United States of America** (n= **1,501**, including three deaths). This total represents a 31-fold increase compared with the 358 measles cases reported during the same period in 2024.

The distribution of confirmed measles cases in the Americas Region by epidemiological week shows a gradual increase in cases starting in EW 3 of 2025, with the highest number of cases recorded in EW 18 related to outbreaks in vaccine-resistant communities in several countries in the Americas Region. There has also been a slow decline in the number of cases reported in the last four epidemiological weeks.



***Note:** Includes confirmed and probable cases for Canada.

MORBIDITY AND MORTALITY		
COUNTRY	CONFIRMED CASES	
NORTH AMERICA -3 ACTIVE OUTBREAKS		
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* Includes the probable cases reported by Canada under confirmed column, due to alignment with PAHO's case		
MEXICO	4,630	
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THE CARRIBEAN (NO NEW CASES)	34	
TOTAL	11,602	



UNITED STATES

BACKGROUND

Measles, declared eliminated in the U.S. in 2000, has made a troubling return. **As of September 16, 2025, the U.S. has recorded 1,491 confirmed cases**, already exceeding the totals from both 2019 and 1992 and marking the highest number since the disease was eliminated. This represents a sharp rise from just 285 cases in all of 2024. In 2025 alone, **38 outbreaks** have been reported, with **86% of confirmed cases (1,284 of 1,491) being outbreak-associated**. For comparison, 16 outbreaks were reported during 2024, and 69% of cases (198 of 285) were outbreak-associated.

VACCINATION GAPS - Immunization rates have fallen below the 95% herd immunity threshold in many communities. Key drivers include:

- Public mistrust and misinformation, amplified by social media.
 - Pandemic-era disruptions to routine immunization programs.
 - Cuts to NIH and CDC funding for vaccine-hesitancy research and the sidelining of expert voices.
- These gaps have fueled localized outbreaks, enabling broader chains of transmission.

SURVEILLANCE & INTERVENTION - Public health responses are evolving:

- **Wastewater surveillance** in Maryland, California, New Mexico, Texas, and Connecticut is detecting measles circulation– sometimes before clinical symptoms emerge.
- **Community-based vaccination drives** (door-to-door outreach, rapid-response brigades, and culturally tailored education) are raising local uptake.
- **Targeted interventions** in close-knit, under-vaccinated populations (Mennonite, Amish, and select religious or rural communities) remain central to outbreak control.

THE ROAD FORWARD

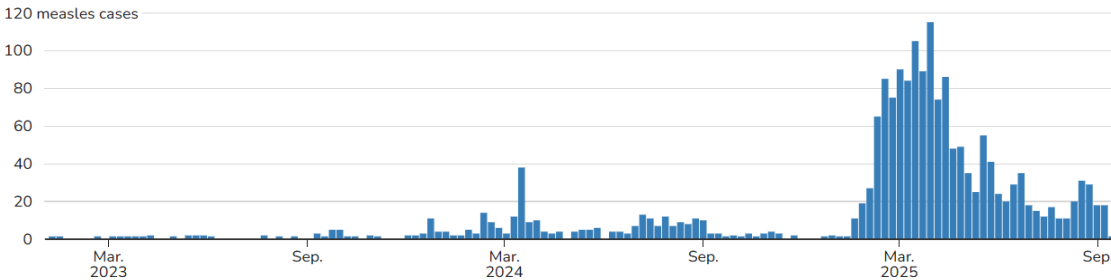
To re-secure measles elimination, the U.S. must:

- **Reinforce Vaccination Coverage** – Push childhood coverage back above 95%.
- **Invest in Public Health Infrastructure** – Restore outbreak response capacity weakened by funding cuts.
- **Rebuild Trust** – Partner with community leaders to deliver empathetic, accurate communication.
- **Scale Surveillance Innovations** – Expand wastewater monitoring and integrated early-warning systems.
- **Align Policy with Science** – Ensure state and national health policies follow evidence-based guidance.

MEASLES CASES IN 2025 - CDC

1,491 (+37) CONFIRMED MEASLES CASES (AS OF 9/16/2025)

2023–2025* (as of September 16, 2025)



As of September 16, 2025, there have been a total of 1,491 confirmed* measles cases reported in the United States. Among these, 1,470 measles cases were reported by 42 jurisdictions: Alabama, Alaska, Arizona, Arkansas, California, Colorado, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Missouri, Montana, Nebraska, New Jersey, New Mexico, New York City, New York State, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Wisconsin, and Wyoming. A total of 21 measles cases were reported among international visitors to the U.S.

Age

Under 5 years: **407 (27%)**
5-19 years: **574 (38%)**
20+ years: **501 (34%)**
Age unknown: **9 (1%)**

Vaccination Status

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

Percent Hospitalized: 12%

Under 5 years: **21% (87 of 407)**
5-19 years: **7% (41 of 574)**
20+ years: **11% (53 of 501)**
Age unknown: **0% (0 of 9)**

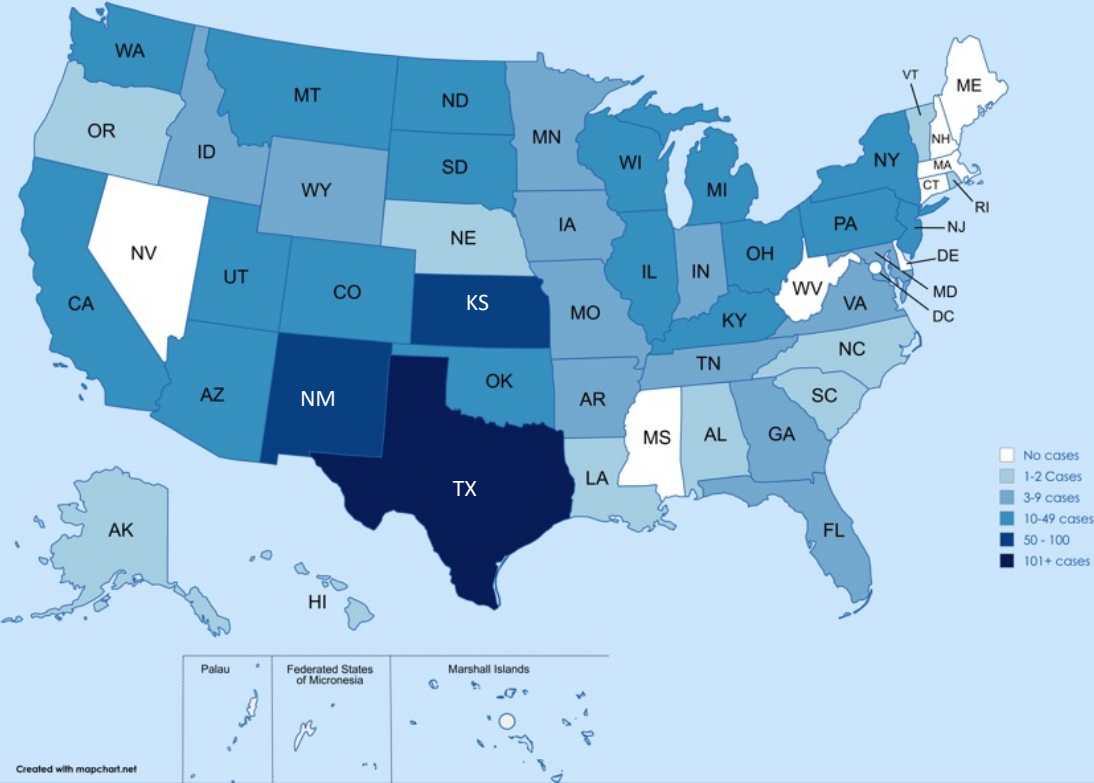
Deaths: 3

There have been 3 confirmed deaths from measles.

MEASLES CASES - AS OF 20 SEP 2025

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

1,501*



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 **	803
NEW MEXICO	100
KANSAS	90
ARIZONA+	46
OHIO	38
NORTH DAKOTA	36
WISCONSIN	36
MONTANA	31
UTAH+	33
COLORADO+	27
MICHIGAN	27
NEW YORK+	23
CALIFORNIA	20
OKLAHOMA	20
PENNSYLVANIA	16
KENTUCKY	14
SOUTH DAKOTA	12
ILLINOIS	11
WASHINGTON	11
NEW JERSEY	10
IDAHO+	9
INDIANA	9
WYOMING	9
ARKANSAS	8
IOWA	8
GEORGIA	7
MISSOURI	7
TENNESSEE	7
FLORIDA	6
MINNESOTA	5
VIRGINIA	4
MARYLAND	3
SOUTH CAROLINA	3
ALASKA	2
HAWAII	2
LOUISIANA	2
ALABAMA	1
NEBRASKA	1
NORTH CAROLINA	1
OREGON	1
RHODE ISLAND	1
VERMONT	1
TOTAL	1,501

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 7 September 2025, EDT, there are approximately 1,442 measles cases (including confirmed and suspected cases) across 42 states. There have been 36 Outbreaks in the US this year this includes the following:

- **Arizona** - Navajo County, Mohave County
- **Arkansas** - Faulkner County
- **Colorado** – 10 cases linked to an infectious traveler
- **Georgia** - Metro Atlanta
- **Illinois** - Southern Illinois (Franklin–Williamson region)
- **Indiana** - Allen County
- **Iowa** - Johnson County
- **Kansas** 9 counties
- **Kentucky** - Woodford, Fayette, and Jefferson Counties
- **Montana**, Gallatin, Hill, and Yellowstone Counties.
- **Michigan** - Montcalm County (linked to Ontario Outbreak) and a 2nd outbreak in Grand Traverse County
- **Missouri** - Cedar County
- **Oklahoma** and the [Cherokee Nation](#)
- **Ohio** - Ashtabula and Knox Counties
- **Pennsylvania** - Erie County
- **New Jersey** - Bergen County
- **New Mexico** - 6 counties
- **North Dakota** - Williams County, Grand Rapids
- **Texas** - 37 counties
- **Tennessee** - Upper Cumberland Region
- **Utah** - Utah County
- **Wisconsin** - Oconto County
- **Wyoming** - Carbon County

** TEXAS CASES NOT ASSOCIATED WITH OUTBREAK: 41

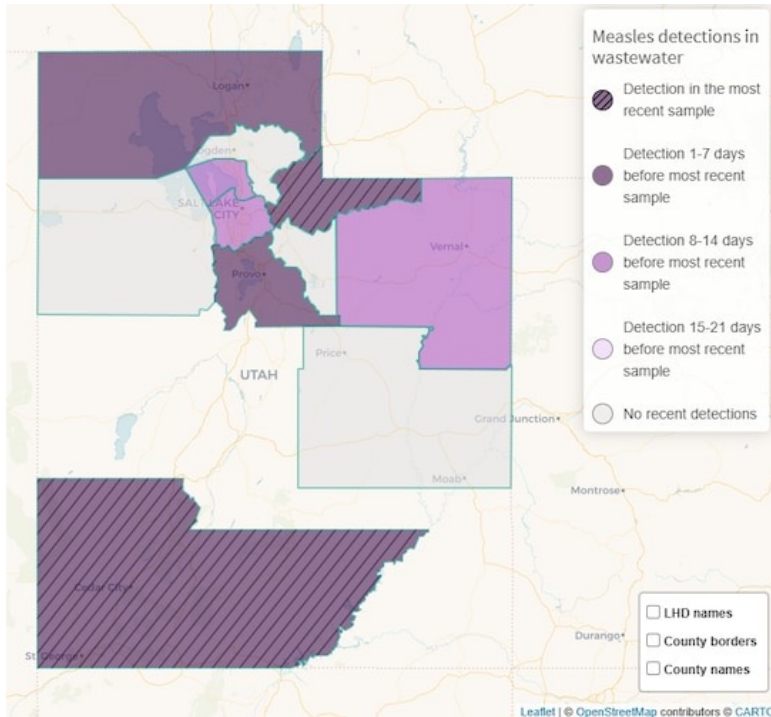
- 1 case – Bell County
- 1 case - Bexar
- 1 case – Brazoria County
- 3 cases– Collin County
- 1 case – Dallas County
- 2 cases – Denton County
- 2 cases – El Paso County
- 1 Case – Adult, Fort Bend (travel-related)
- 5 cases – Harris County
- 1 case – Harrison County.
- 1 case – Hays County
- 1 case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

TEXAS CASES ASSOCIATED WITH THE OUTBREAK: 762

UNITED STATES – OUTBREAKS AND NEW CASES

UTAH: The outbreak in Utah has now reached 34 cases. These cases have been confirmed in four of the state's local health districts, according to the Utah Department of Health and Human Services. However, wastewater testing indicates measles has likely spread to more parts of the state. Of the 34 official cases of measles in Utah, seven were reported in Utah County, three in Southeast Utah (encompassing Carbon, Emery, Grand and San Juan counties) and 23 in Southwest Utah (Beaver, Garfield, Iron, Kane and Washington counties) and 1 case in Bear River. Within the past month, two of those districts — Utah County and Southwest Utah — have seen measles in their wastewater. Also, measles was [found in the wastewater](#) in five other local health districts:

- Bear River (Box Elder, Cache and Rich counties, in far northern Utah).
- Davis County.
- Salt Lake County.
- Summit County.
- TriCounty (Daggett, Duchesne and Uintah counties, in northeast Utah).
- In the most recent wastewater sample, taken Sep. 9, Summit County and Southwest Utah have seen the virus.



SOURCE: [Salt Lake Tribune](#)

ARIZONA: The ongoing measles outbreak in Arizona is now the state's largest in more than 34 years. Over the past six weeks, **42 measles cases have been reported in the Colorado City** area, along with four cases detected in June in Navajo County. This brings Arizona's total to **46 cases for the year**—the highest count since 1991, according to [Arizona Department of Health Services records](#). Colorado City, a town of about 2,500 people on the Arizona–Utah border, is home to many members of the Mormon-offshoot polygamist sect known as the Fundamentalist Church of Jesus Christ of Latter-Day Saints (FLDS). The community has very low vaccination coverage. One elementary school in Colorado City reported a kindergarten measles vaccination rate of just 7% last year—the lowest in the state. The town's other school reported a kindergarten MMR vaccination rate of 40%, also well below the level needed to prevent outbreaks.

NYC: On Monday, health officials confirmed two cases in the area, a number that has now doubled. New York City health officials have identified more cases of measles in [SoHo and the Lower East Side](#). The new cases bring the total up to 15 confirmed cases in New York City this year, surpassing the 2024 total of 14 cases.

UNITED STATES – UTAH & ARIZONA

UTAH

CASES: 34

HOSPITALIZATIONS: at least 2

DEATHS: 0

AGES:

- <18: 19 (56%)
- 18+: 13 (38%)
- Unknown: 2 (6%)

VACCINATION STATUS:

- Unvaccinated: 33 (97%)
- Vaccinated: 1 (3%)

OUTBREAK OVERVIEW: In late May, a few sporadic cases were identified in infectious travelers visiting Utah. In late June, the first cases were reported in Utah County and southwestern Utah, near the border with Arizona. The southwestern outbreak has grown to 20 cases in Utah alone. Although no official sources have confirmed this outbreak is linked to the one across the border in Arizona, travel is common between the neighboring “twin cities” of Colorado City, AZ, and Hildale, UT, both of which are home to many members of a close-knit Mormon sect. Common exposure sites include schools and school-related events. Viral samples collected on June 1 and July 1 were all the D8 genotype.

RESPONSE: After finding wastewater samples that were positive for measles in July in Provo (where Brigham Young University is located), the Utah Department of Health and Human Services is expanding from 2 sites to 35 sites across the state.

ARIZONA

CASES: 46

HOSPITALIZATIONS: 1 (2%)

DEATHS: 0

AGES: Arizona has not reported the age breakdown of cases. Affected individuals are between the ages of 1 and 45, and most cases are in school-aged children.

VACCINATION STATUS: Arizona has not reported the vaccination status of cases.

OUTBREAK TIMELINE: Arizona’s first cases occurred in a cluster of four unvaccinated individuals in Navajo County, linked to international travel. There is no indication these cases are related to the subsequent outbreak of 42 cases in Mohave County, which began in early August.

RESPONSE: Local and state departments of health are working to conduct contact tracing, isolate cases, set up vaccination clinics, and raise awareness at local schools and businesses.

FACTORS DRIVING THE OUTBREAK:

- **Low vaccination rates:** Kindergarten vaccination rates are low in the affected areas. For example, MMR vaccination rates for the two elementary schools in Colorado City were 7% and 40%.
- **Anti-vaccination sentiment:** Rates of vaccine exemptions for schoolchildren have risen in recent years, with the majority of exemptions in Arizona being personal (85%) and religious (12.5%).
- **Close-knit religious communities:** Colorado City, AZ, and Hildale, UT, are home to a religious sect with historically low vaccination rates
- **Large gatherings:** The outbreak in Utah was fueled by a large high school cycling event
- **Travel:** Smaller outbreaks began after exposure during international travel.

Bear River: 1 case

Southwestern Utah
Public Health

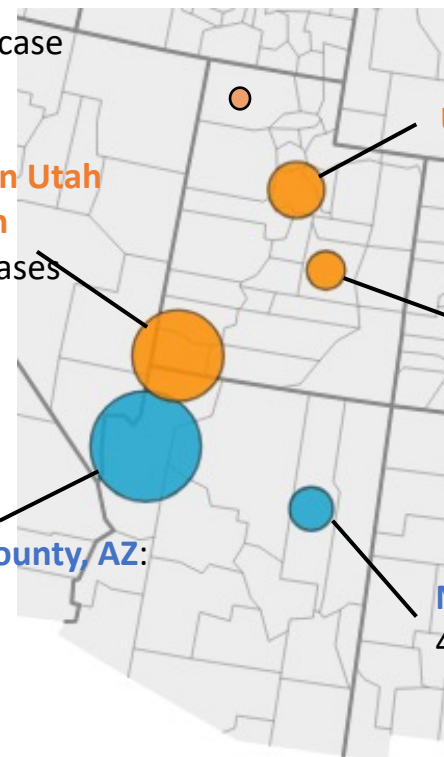
District: 23 cases

Utah County: 7 cases

Southeastern Utah
Public Health
District: 3 cases

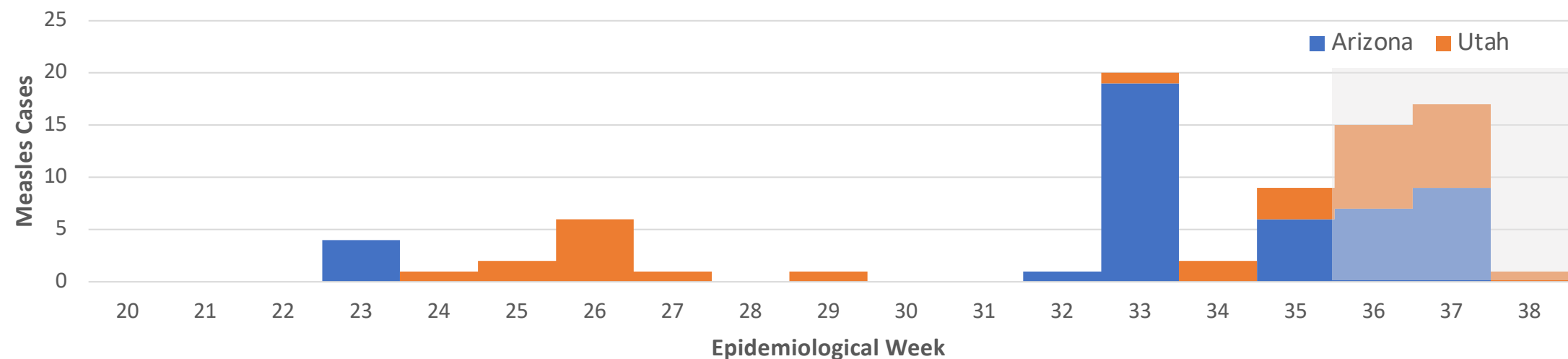
Mohave County, AZ:
42 cases

Navajo County, AZ:
4 cases



UNITED STATES – UTAH & ARIZONA OUTBREAK TIMELINE

EPI CURVE FOR MEASLES CASES IN ARIZONA AND UTAH, 2025



late May	Southwestern Utah: 2 infectious travelers visit in late May; no subsequent cases recorded
June 9	Navajo County, AZ: Cluster of 4 cases linked to recent international travel
26	Southwest Utah Public Health District: First 2 cases are reported in the district Utah County, UT: First 5 cases are reported in the county
July	UT: 4 additional cases reported in Southwest Utah Public Health District (2) and Utah County (2)
August 2-7	Mohave County, AZ: First exposures around Colorado City, AZ, a border city next to Hildale, Utah
16	Wasatch County, UT: Large exposure incident at high school cycling event (~2,000 people); several infections linked to the event
21	Mohave County, AZ: 9 cases in Colorado City outbreak
September 12	Mohave County, AZ: 30 total cases in Colorado City outbreak UT: 30 total cases in Utah County (7), Southwest Utah (20), and Southeast Utah (3)
20	Bear River Public Health District, UT: first case reported in Cache County

CANADA

BACKGROUND: The 2025 measles outbreak in Canada is the product of a perfect storm: a sparking importation event, weakening population immunity, rising hesitancy and misinformation, structural vulnerabilities in public health and healthcare access, and social dynamics that allowed the virus to spread through susceptible networks.

IMPORTATION AND INITIAL SPARK: The current outbreak began in **October 2024** when an imported case attending a large gathering in New Brunswick— which included attendees from multiple provinces— introduced the measles virus into Canada.

MULTI-JURISDICTION SPREAD: From late 2024 into 2025, the outbreak continued to spread across several provinces: Ontario, Alberta, Manitoba, British Columbia, Saskatchewan, Nova Scotia, New Brunswick, Prince Edward Island, the Northwest Territories, and Quebec.

CONTRIBUTING FACTORS

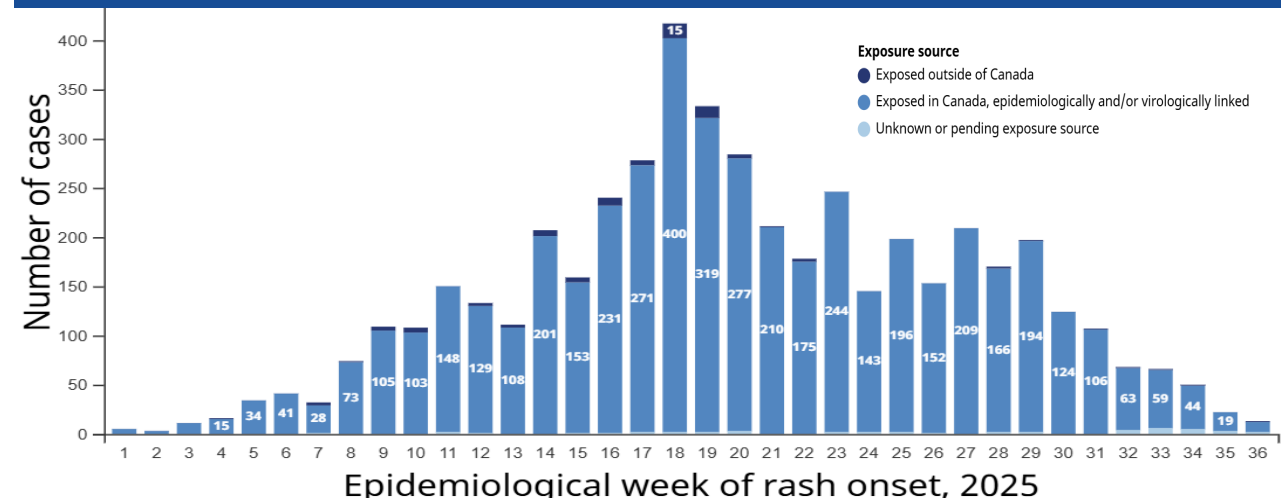
- **Low Vaccination Coverage**
 - **Erosion of herd immunity:** National first-dose measles vaccination coverage fell from 90% in 2019 to around 83% by 2023— well below the 95% threshold.
 - **Concentration in under-vaccinated communities:** The majority of cases are among unvaccinated individuals, with many arising within close-knit communities and groups with limited engagement with public health.
- **Vaccine Hesitancy & Misinformation**
 - **Lingering hesitancy and misinformation:** Distrust in public health, fueled partly by the COVID-19 pandemic and growing anti-vaccine movements, has played a role in lower vaccination rates.
 - **Attitudinal challenges:** Studies show that declining familiarity with vaccine-preventable diseases can reduce perceived threat, leading to complacency or skepticism toward vaccination.

Public Health System and Access Gaps

- **Disrupted immunization services:** COVID-19 strained public health infrastructure, leading to missed routine vaccinations.
- **Gaps in healthcare access and systems:**
 - About **20% of Canadians lack a consistent family doctor**, reducing opportunities for routine vaccine discussions.
 - There's **no comprehensive national vaccine registry**, making it hard to track immunization status.
- **Looser exemption policies:** In some regions like Alberta, religious and personal exemptions for school-entry vaccination are common and hard to challenge.

Community Dynamics: The outbreak spread swiftly among tightly interlinked religious groups— such as Mennonite communities—that span Canada, the U.S., and Mexico.

EPIDEMIOLOGICAL CURVE FOR MEASLES CASES, BY EPIDEMIOLOGICAL WEEK - 36



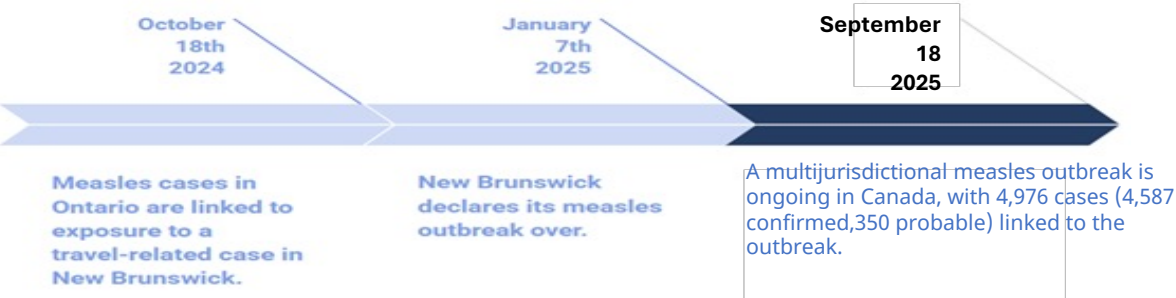
SOURCES:

[Measles and rubella weekly monitoring report – Week 36](#)
[PAHO - Measles cases rise in the Americas in 2025](#)
[PAHO - Epidemiological Update - Measles in the Americas Region - 1 July 2025](#)
[PAHO - Ten countries in the Americas report measles outbreaks in 2025- 15 August 2025](#)

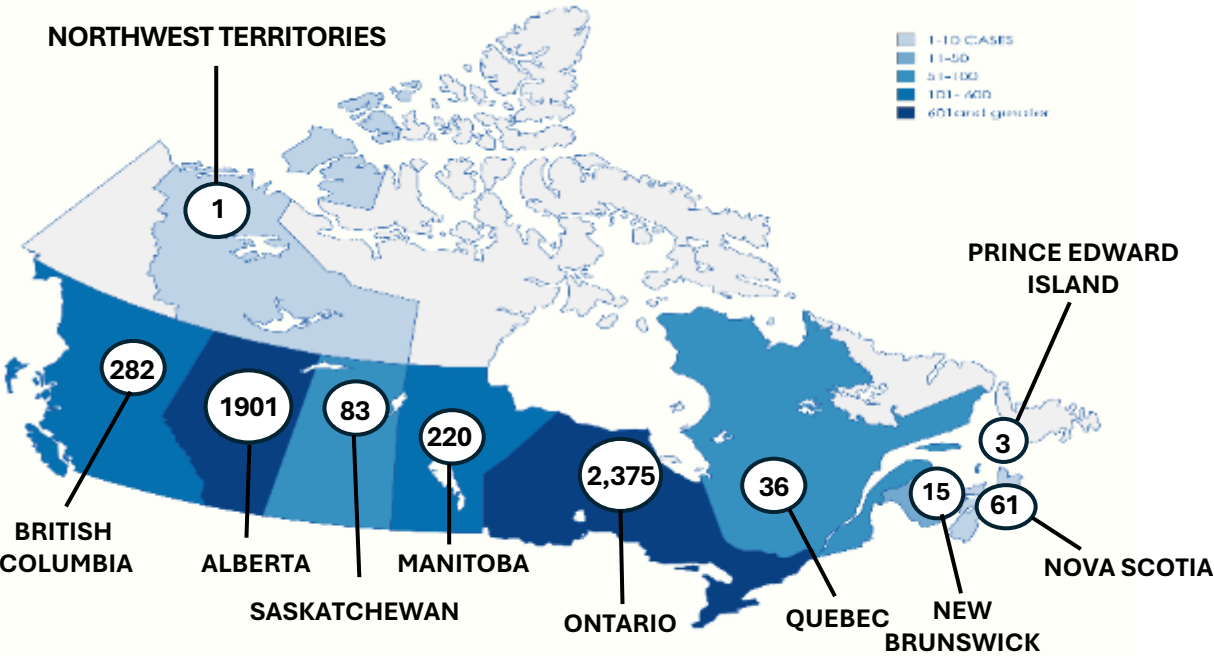
CANADA – CURRENT SITUATION

Brief Timeline of Outbreak

As of 9/18/2025



MEASLES 2025			
PROVINCE	CONFIRMED CASES	PROBABLE CASES	TOTALS
ONTARIO	2,058 (+2)	317	2,375
ALBERTA	1,901 (+18)	0	1,901
MANITOBA	204 (+6)	16	220
BRITISH COLUMBIA	265 (+8)	17	282
SASKATCHEWAN	83(+6)	0	83
QUEBEC	36	0	36
PRINCE EDWARD ISLAND	3	0	3
NOVA SCOTIA	61	0	61
NORTHWEST TERRITORIES	1	0	1
NEW BRUNSWICK	15	0	15
TOTAL	4,627	350	4,977



4,977 Cases (4,627 Confirmed and 350 Probable)
1 Death

* Count includes 43 cases not associated with the outbreak and the outbreak numbers that began on 21 October 2024

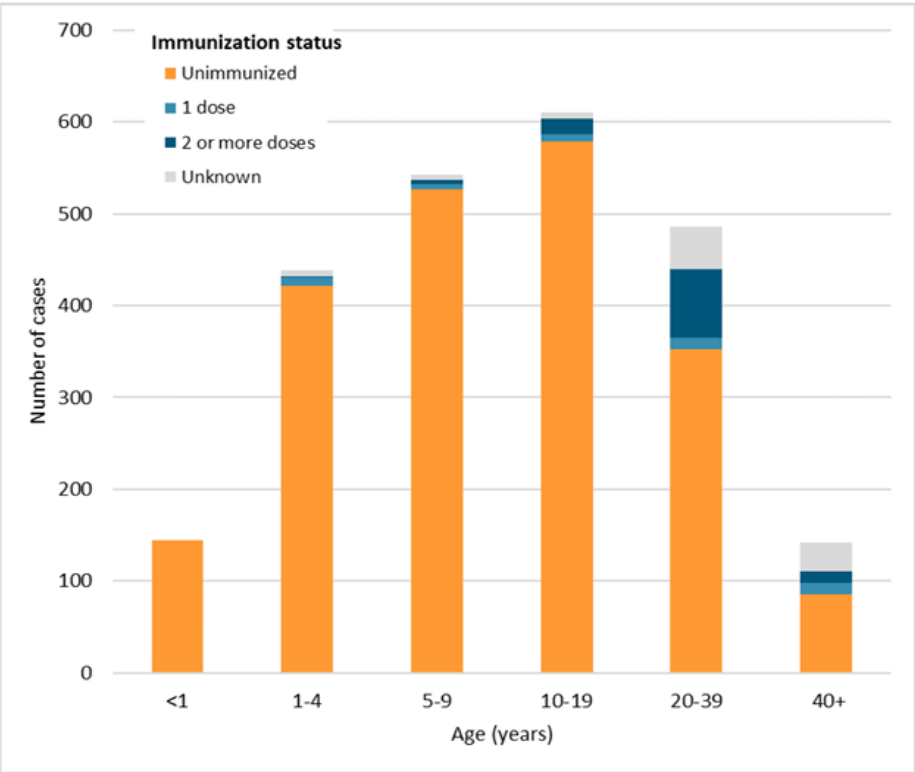
OUTBREAK – ONTARIO

(OCTOBER 18, 2024, TO September 16, 2025)

MORBIDITY AND MORTALITY

PROVINCE	CASES 	HOSPITALIZATIONS 	DEATHS 
ONTARIO*	2,375 (2,058 confirmed, 317 probable)	165 (12 ICU)	1

IMMUNIZATION STATUS OF MEASLES OUTBREAK CASES BY AGE GROUP: OCTOBER 28, 2024 – SEPTEMBER 16, 2025

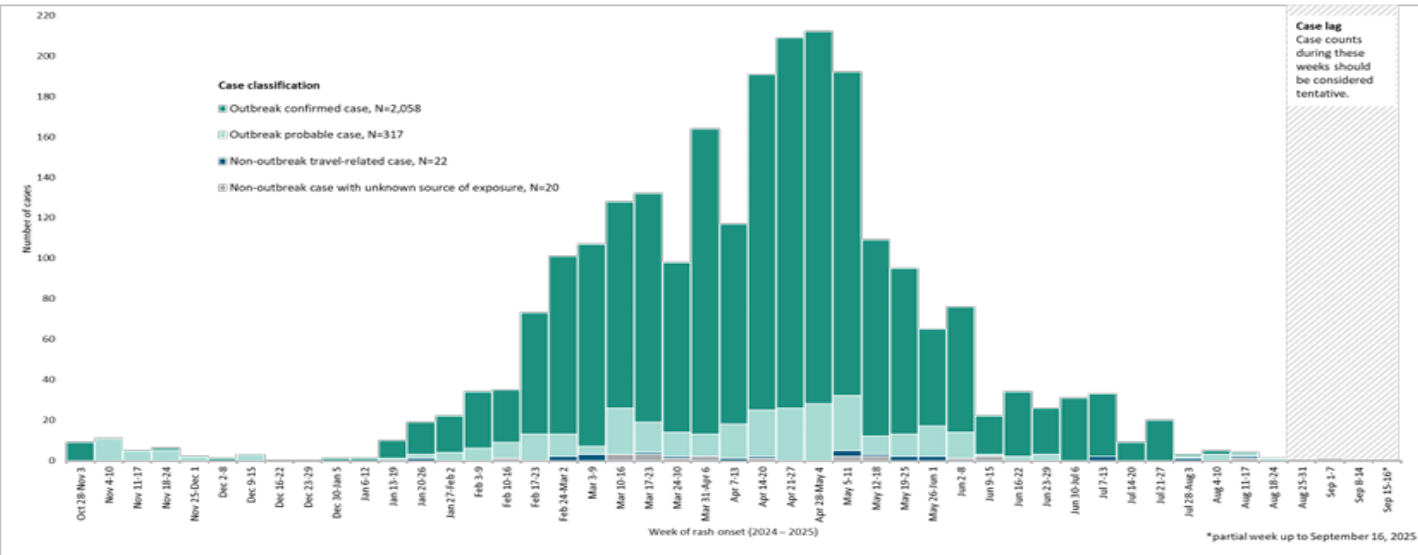


Notes:

- Outbreak cases are reported for the period October 28, 2024 – September 16, 2025.
- A data table corresponding to this figure can be found in Appendix [Table A2](#).

- As of September 9, Ontario has reported a total of 2,375 measles cases (2,058 confirmed, 317 probable) associated with the multi-jurisdictional outbreak occurring in 26 public health units. This represents an increase of seven new cases.
- Among all outbreak cases, the majority (73.0%, n=1,734) were infants, children and adolescents (19 years old or younger), while 26.4% (n=628) were adults, and 0.5% (n=13) had unknown age
- Almost all infant, child, and adolescent outbreak cases (96.4%, n=1,671) were unimmunized, while
- 69.7% (n=438) of adults were unimmunized.
- A total of 2.1% (n=51) of outbreak cases were pregnant at the time of their measles infection.
 - Of these, 84.3% (n=43) were unimmunized, 2.0% (n=1) received one dose of measles-containing vaccine, 9.8% (n=5) received two or more doses, and 3.9% (n=2) had unknown immunization status.
 - There have been nine cases of congenital measles (i.e., measles diagnosed in the first 10 days of life).
- Overall, 6.9% (n=165) of outbreak cases were hospitalized and 0.5% (n=12) were admitted to the
- intensive care unit (ICU).
 - 95.2% (n=157) of hospitalized cases were unimmunized, of whom 122 were infants, children and adolescents.
- One death 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 – 09/16/2025



*partial week up to September 16, 2025

OUTBREAK – ALBERTA

MORBIDITY AND MORTALITY			
PROVINCE	CASES 	HOSPITALIZATIONS 	DEATHS 
Alberta	1,901	149 (15 ICU) (0 Currently Hospitalized)	0

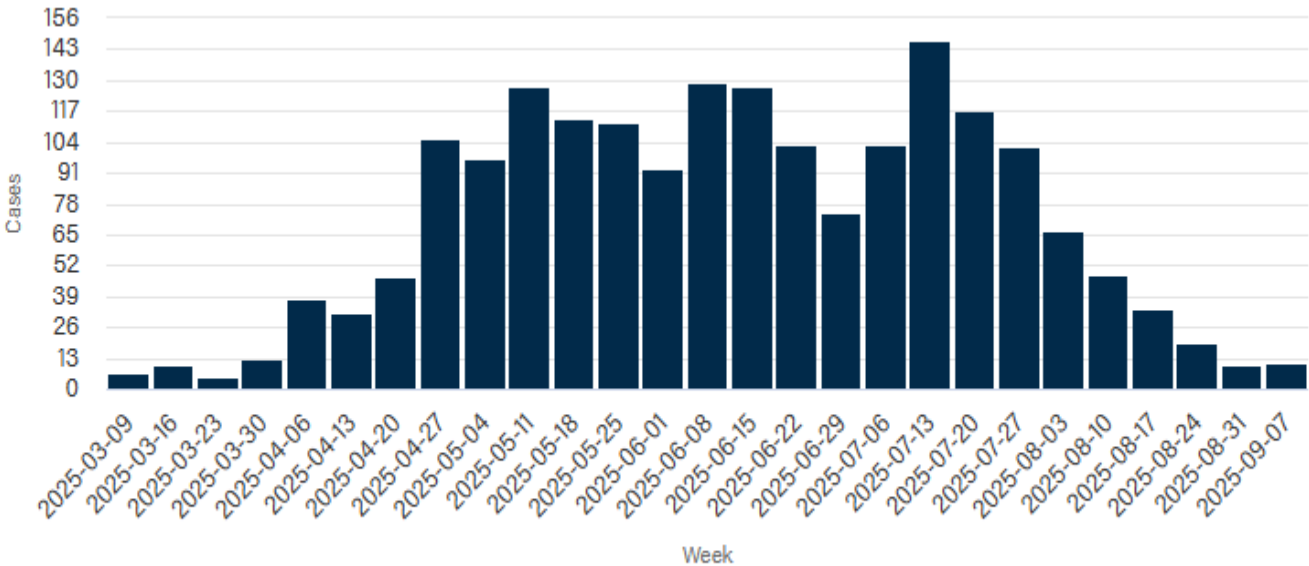
IMMUNIZATION STATUS	COUNT
Unimmunized	1,689
1 dose	55
2 or more doses	78
Unknown	79

AGE RANGE	NUMBERS
<5 years	544 (+8)
5 to 17 years	836
18 to 54 years	512
55 years and older	9

Multi-Jurisdictional Outbreak

- Measles transmission is currently occurring in Alberta, affecting individuals of all ages – including infants, children, and adults. Most reported cases have been in children under 5 years old and those aged 5 to 17 who are not immunized.
- Cases have been reported in all zones of the province, with the highest numbers in the north, south, and central zones. Due to the number of people in these areas who may not be immune to measles, some cases are likely going undetected or unreported.
- Alberta Health Services shares known public [exposure locations](#) for the Edmonton, Calgary, Central, and parts of the North Zone. A standing exposure advisory has been issued for the [South Zone](#) and areas of the [North Zone](#). Site-specific exposure advisories will no longer be issued in these locations.

NUMBER OF MEASLES CASES BY WEEK OF RASH ONSET, 1/1/2025 – 08/13/2025



MEXICO

BACKGROUND

- The origin of the outbreak is traced to a large Mennonite community near Cuauhtémoc, where vaccination rates are estimated at only 50–70%. It was introduced into the community when an unvaccinated 8-year-old who became infected during a visit to relatives in Texas returned to Mexico, where the virus rapidly spread through schools, churches, and neighboring communities.
- The outbreak has since expanded into Indigenous and working-class populations, including individuals with underlying health conditions that increase the risk of severe illness and death. Twenty-one states and 94 municipalities have confirmed measles cases.

CURRENT SITUATION

- There are **4,630** confirmed cases, with **4,285** of those cases in the state of Chihuahua.
- To date, Mexico has reported **21 measles-related deaths– 20 in Chihuahua and 1 in Sonora**– all among unvaccinated individuals. Indigenous communities have been hardest hit, with a case-fatality rate 20 times higher than in the general population.
- Approximately **71% of deaths have been among the Rarámuri**, an indigenous people. The combination of low vaccine coverage, geographic barriers, and pre-existing health vulnerabilities (like malnutrition) has amplified the impact.
- Chihuahua remains the epicenter, accounting for **92.54% of all confirmed measles** cases in Mexico and **95.23% of all deaths**.
- In terms of incidence rate, the 0–4 years age group reported the highest incidence (10.86 cases per 100,000 inhabitants under 4 years), followed by the 25–29 years and 30–34 years groups with incidence rates of 5.57 and 4.45, respectively.

GENOTYPES IDENTIFIED:

- **D8 (Ontario.CAN/47.24)** – dominant strain, linked to outbreaks in Texas and Canada.
- **B3 (NSW.AUS/10.24)** – limited to Oaxaca, contained importation.

KEY DRIVERS OF THE OUTBREAK:

- **Systemic Weaknesses:** Post-2018 budget cuts (69% reduction in vaccination funds) and procurement delays.
- **Coverage Gaps:** Vaccine uptake as low as 30–50% in Mennonite and some Indigenous communities.
- **Misinformation & Distrust:** Resistance to vaccination in rural and religious groups.
- **Access Inequalities:** Farmworkers and Indigenous groups face barriers to healthcare.

PUBLIC HEALTH RESPONSE

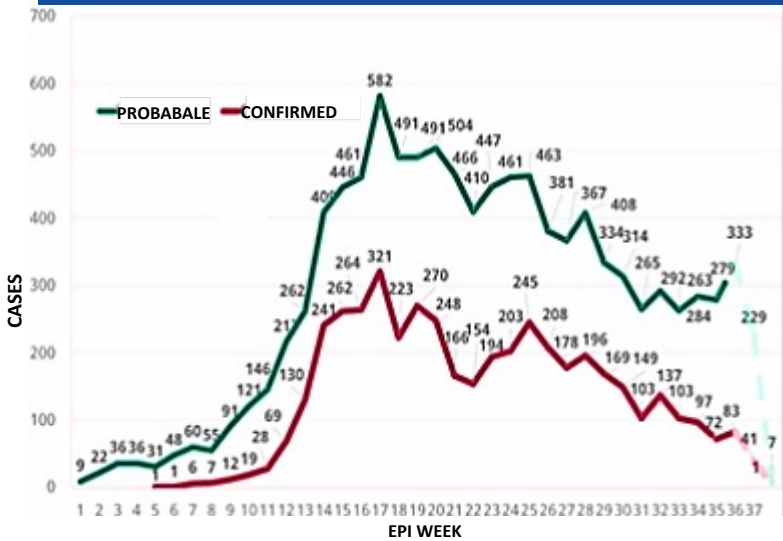
- **“Juarez Shield Strategy”** – Mass vaccination campaign; 42,000 vaccinated in Chihuahua.
- **Rapid Response Plan** – Enhanced surveillance, lab confirmation, case isolation.
- **Door-to-Door Vaccination** – Community engagement with local and religious leaders.
- **Vitamin A Supplementation** – For children under 5 with suspected or confirmed measles.

SOURCES:

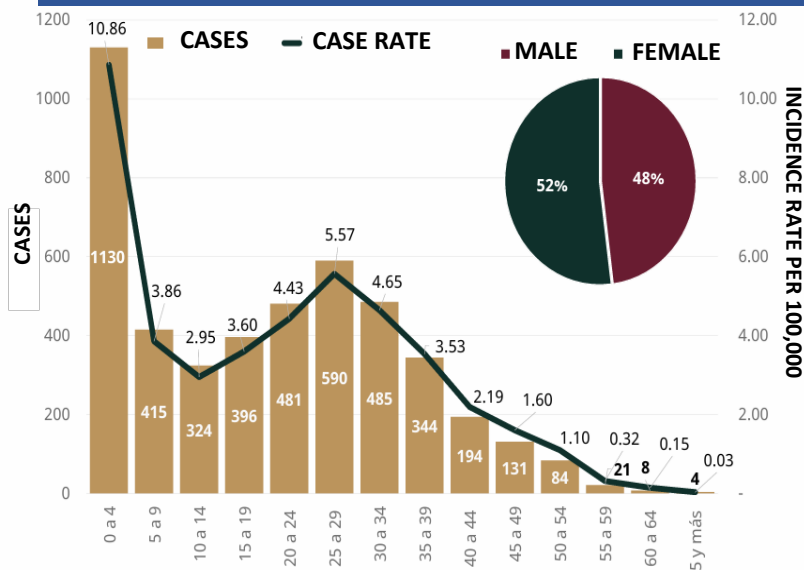
[Daily Report – Mexico](#)
[Epidemiological Situation of Vaccine-Preventable Diseases in Mexico – Report 33](#)
[MediChihuahua – 5 SEP](#)
[Bi Weekly Bulletin – August \(PAHO\)](#)
[Think Global Health - Measles Takes Root In Mexico](#)
[A Population-based Measles Serosurvey In Mexico: Implications For Re-emergence](#)

MEXICO

PROBABLE AND CONFIRMED MEASLES CASES BY
EPIDEMIOLOGICAL WEEK AND DATE OF RASH ONSET



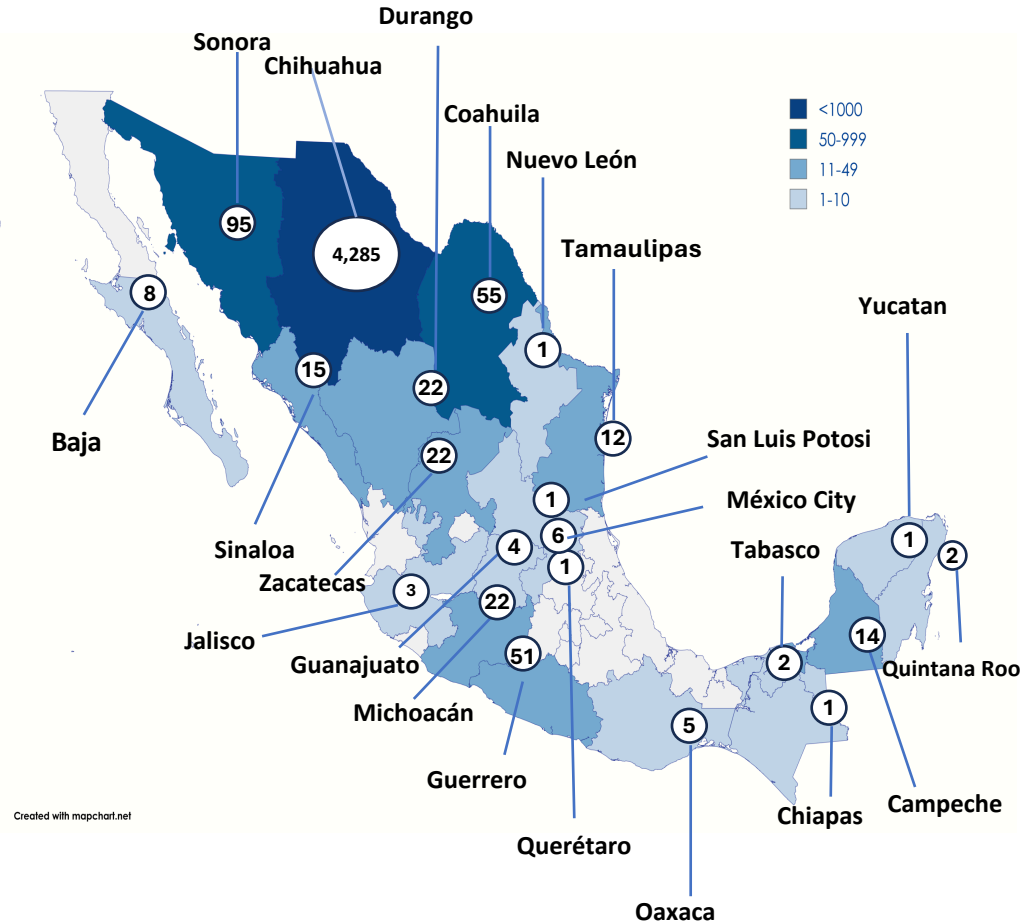
CONFIRMED CASES BY SEX, AGE, AND INCIDENCE RATE



CONFIRMED MEASLES CASES

STATE	CASES	
	CONFIRMED	PROBABLE
BAJA	8	59
CAMPECHE	14 (+1)	85
CHIAPAS	1	31
CHIHUAHUA	4,285 (+54)	5,867
MÉXICO CITY	6	557
COAHUILA	55 (+1)	253
DURANGO	22	210
GUANAJUATO	4	463
GUERRERO	51 (+4)	133
JALISCO	3 (+2)	0
MEXICO	3	353
MICHOACÁN	22 (+7)	174
NUEVO LEÓN	1	243
OAXACA	5	70
QUERÉTARO	1	110
QUINTANA ROO	2	64
SAN LUIS POTOSI	1	118
SINALOA	15 (+2)	108
SONORA	95 (+7)	254
TABASCO	2(+1)	64
TAMAULIPAS	12	115
YUCATAN	1	48
ZACATECAS	21	137
TOTAL	4,630	9163

Data as of 9/19/2025



4630 CONFIRMED CASES
21 (+2) DEATHS

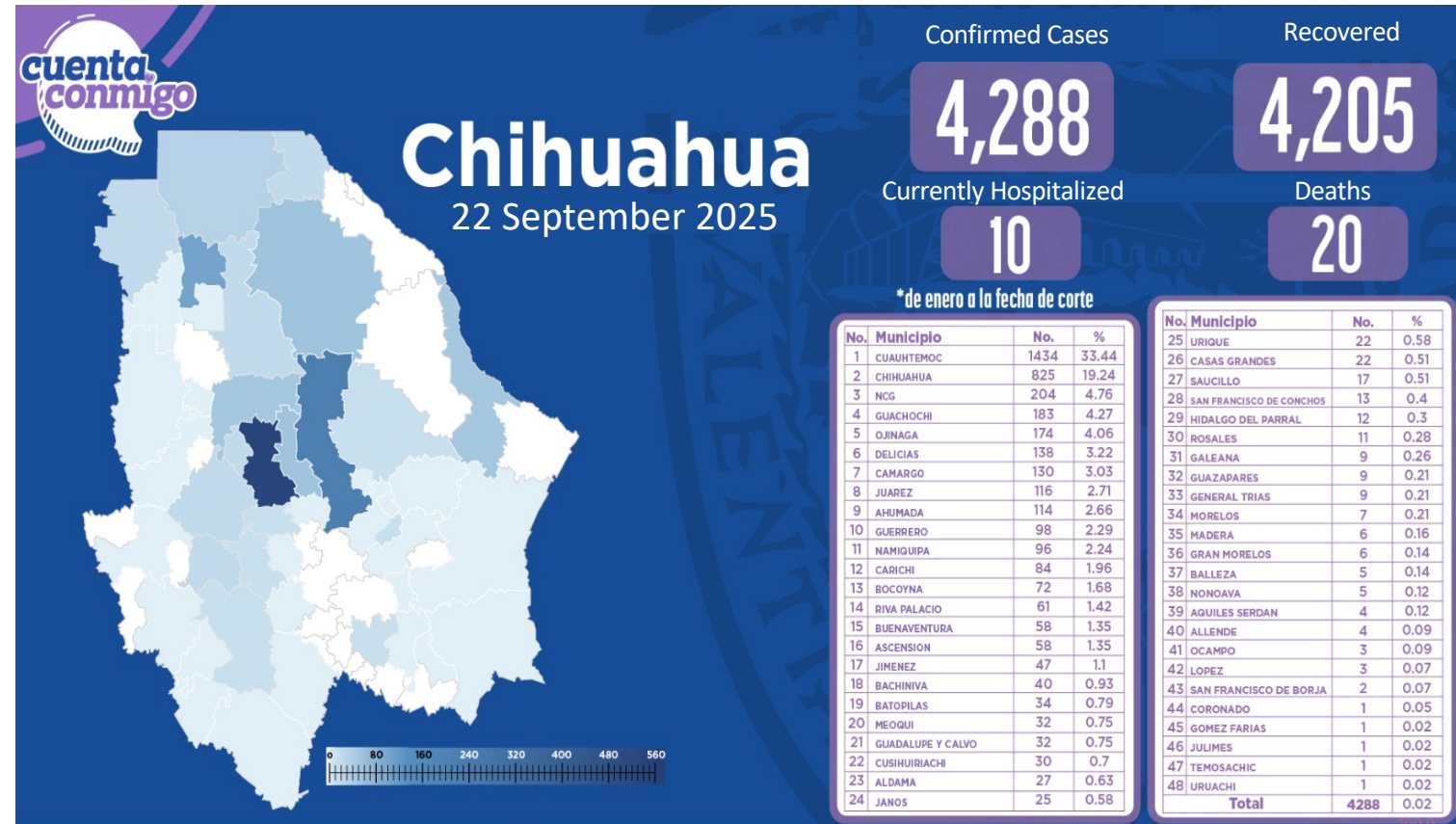
SOURCE: [DAILY REPORT](#)
[CONFIRMAN EL PRIMER CASO DE SARAMPIÓN EN](#)
[JALISCO; ACTIVAN CERCO EPIDEMIOLÓGICO](#)

MEXICO – DEATHS FROM MEASLES 2025

1	Adult male, Mennonite community	31years old	Ascensión, Chihuahua	No	4/3/2025	Diabetes	DW
2	Boy, Mennonite community	7 years old	Ojinaga, Chihuahua	No	5/2/2025	Underlying health problem (leukemia)	Chihuahua Secretaría de Salud; TV Azteca
3	Boy, Mennonite community	11 months old	Namiquipa, Chihuahua	No	5/6/2025	Mother unvaccinated, no passive immunity, underlying renal condition)	Chihuahua Secretaría de Salud; TV Azteca
4	Girl, agricultural laborers	1 year old	(Originally from Chihuahua) Died in Sonaro	No	5/8/2025	Severe malnutrition	Informador.mx La Secretaría de Salud de Sonora
5	Girl, Rarámuri community	2 years, 11 months	Ojinaga, Chihuahua	No	5/17/2025	Dehydration, diarrhea, pneumonia	Chihuahua Secretaría de Salud
6	Adult male, Rarámuri	45 years old	Carichí, Chihuahua	No	5/29/2025	—	N+ Noticias
7	Girl, Rarámuri community	4 years old	Guachochi, Chihuahua	No	6/5/2025	Moderate malnutrition, pneumonia	N+ Noticias
8	Boy, Mixtec community	5 years old	(Originally from Sinaloa) Died in Chihuahua.	No	6/15/2025	Severe malnutrition, anemia, respiratory issues, pneumonia	N+ Noticias
9	Woman, Rarámuri	27 years old	Meoqui, Chihuahua	No	6/16/2025	Pneumonia, no comorbidities	N+ Noticias
10	Boy, agricultural laborer family	2 years 11 months	Campo Nueva Holanda, Ojinaga, Chihuahua	No	6/27/2025	Dehydration and diarrhea	Chihuahua Secretaría de Salud
11	Woman, Rarámur community	48 years old	San José Baqueachi, Carichí, Chihuahua	No	7/7/2025	Complications from pneumonia, no comorbidities	Chihuahua Secretaría de Salud
12	Man, Rarámur community	46 years old	Cuauhtémoc, Chihuahua	No	7/21/2025	Respiratory failure and pneumonia	Chihuahua Secretaría de Salud
13	Girl, Rarámur community	6 years old	Carichí, Chihuahua	No	7/21/2025	Respiratory failure and pneumonia	Chihuahua Secretaría de Salud
14	Man, Rarámur community	54 years old	Bocoyna, Chihuahua	No	7/30/2025	Respiratory failure and pneumonia	N+ Noticias Secretaría de Salud del Estado de Chihuahua
15	Girl, Rarámuri community	15 years old	From Guadalupe y Calvo, died in Camargo	No	8/13/2025	Pneumonia, no comorbidities	El Diario de Chihuahua Secretaría de Salud del Estado de Chihuahua
16	Woman, Rarámuri, farm labored	19 years old	From Guadalupe y Calvo, working in Camargo, died in Chihuahua City	No	8/25/2025	No info at this time	Secretaría de Salud del Estado de Chihuahua
17	Rarámuri baby boy	1 year, 2-month-old	Cuauhtémoc, Chihuahua	No	8/27/2025	Pneumonia	Secretaría de Salud del Estado de Chihuahua
18	Rarámuri baby boy	1 year, 4-month-old	From Urique, died in Cuauhtémoc	No	8/29/2025	Complications related to measles	Secretaría de Salud del Estado de Chihuahua
19	Rarámuri baby girl	11 months	Camargo, Chihuahua	No	9/6/2025	Complications related to measles	Secretaría de Salud del Estado de Chihuahua
20	Rarámuri boy	4 years old	Delicias, Chihuahua	No	9/8/2025	Complications related to measles	Secretaría de Salud del Estado de Chihuahua
21	Rarámuri girl	3 years old	Cuauhtémoc, Chihuahua	No	9/9/2025	Complications related to measles	Secretaría de Salud del Estado de Chihuahua

OUTBREAK – CHIHUAHUA, MEXICO

- **Current Trend:** While the outbreak is no longer growing at an exponential rate, sustained transmission persists, creating an ongoing risk. Densely populated areas and communities with low vaccination coverage remain vulnerable to new clusters.
- **Herd Immunity Challenge:** Reaching and maintaining **95% vaccination coverage** is essential to halt measles transmission. Until coverage is uniformly achieved, including among vaccine-hesitant and hard-to-reach groups, measles will continue to be a threat.
- **Border & Regional Spillover:** Chihuahua's **geographic proximity and cultural ties to U.S. border states** heighten the risk of cross-border spread, especially given recent travel-related introductions (e.g., the initial case linked to Texas). Without containment, additional regional seeding is possible.



Fuente: Secretaría de Salud

SOURCE OF GRAPHIC: [MediChihuahua](#)



GOBIERNO
DEL ESTADO
DE CHIHUAHUA

SECRETARÍA
DE SALUD

MediChihuahua

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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