



Department
of Health

Vaccine Preventable Disease (VPD) Update

Bureau of Communicable Disease Control

October 29th, 2026– Statewide Immunization Meeting – Saratoga Springs, NY

INTRODUCTION

The team has primary responsibility for coordinating investigations and response efforts for cases and outbreaks of measles, mumps, rubella, varicella, pertussis, tetanus, diphtheria, invasive *Haemophilus influenzae* disease, polio, and *Streptococcal pneumoniae* infections in children less than 5 years of age.

Public Health Program Nurses:

- Anna Juras, BSN, RN, CIC – primary coverage for Capital Region & Metropolitan Region
- Gia Dublino, BSN, RN – primary coverage for Central & Western Region

VPD RESOURCES

- NYS Outbreak Guidelines – diphtheria, Hib, measles, mumps, pertussis, polio, tetanus, varicella
- CDC Manual for the Surveillance of Vaccine-Preventable Diseases
 - 2025 CDC Training for Vaccine-Preventable Disease Surveillance – 2 video sessions covering viral and bacterial diseases
- CDC Epidemiology and Prevention of Vaccine-Preventable Diseases (Pink Book)
- Other NYS/CDC developed materials including flow charts, flyers, tip sheets

2026 UPDATES

- Measles Outbreak Guidance
 - Minor updates
- Varicella Outbreak Guidance
 - Changes include 2024 case definition updates, 2023 case reporting requirement, investigation prioritization, zoster section
- Next up:
 - Diphtheria Outbreak Guidance
 - Respiratory vs non-respiratory disease

VPD FOLDER

For the current versions of our **resources**:

HCS homepage >> My content >> Documents by Group >> LHD >> Diseases and Conditions >> Vaccine Preventable Diseases [★ Add to Fav.](#)

- NYS Outbreak Guidelines for select VPDs
- VPD presentation recordings and slides
- Measles Toolkit
- Other resources including flow charts, Q&A documents, etc.



VPD QUARTERLY MEETINGS

In 2025, the VPD team started holding **quarterly meetings** to review topics of interest, present data, facilitate discussion, and provide updates on reporting practices, guidance changes, case definitions, etc.

- Optional and intended to be interactive
- If we do not have a specific topic to focus on, we hold an “office hours” style session to answer questions or provide resources
- Please let us know of suggested topics at any time

VPDS IN NYS (EXCLUDING NYC, 2019-2025)

	Diphtheria (non-respiratory)*	<i>Haemophilus influenzae</i> , type B (Hib)**	Measles*	Mumps**	Pertussis**	Polio*	Rubella*	Strep pneumonia invasive (children <5)**	Tetanus***	Varicella^
2019	0	7	306	63	759	0	0	39	1	N/A
2020	0	7	0	33	142	0	0	17	1	N/A
2021	0	2	0	5	75	0	0	25	0	N/A
2022	0	2	0	11	212	1	0	52	0	N/A
2023	0	5	0	8	593	0	0	66	1	6
2024	1	5	1	5	1767	0	0	41	0	147
2025	0	8	28	1	627	0	0	36	0	51

*Case count includes confirmed cases only

**Case count includes confirmed and probable cases

***Case count includes probable cases

^Individual cases reportable as of Dec 20, 2023 – case count includes confirmed and probable cases as investigated, data is incomplete for 2023-2025, is unavailable for previous years, and should be interpreted with caution



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Pertussis

Highest burden vaccine-preventable disease in terms of annual number of cases

Preliminary national data show that fewer cases of pertussis have been reported in 2026 compared to the same time in 2025

- Similar trends in NYS outside of NYC

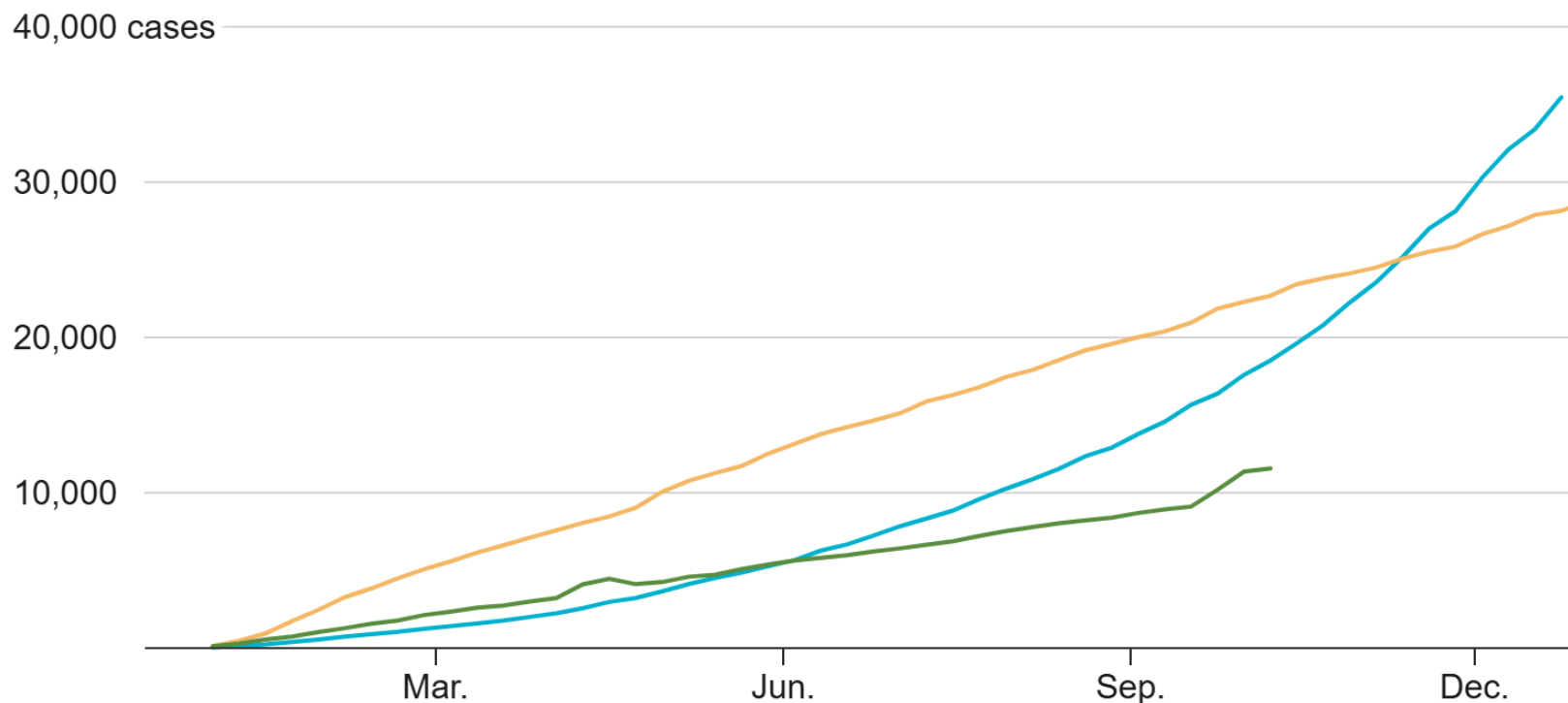
Periodic peaks in reported cases, with the last national peak occurring in November 2024

Infants under one year old are at greatest risk for serious disease and continue to experience the highest incidence – highlighting continued importance of maternal vaccination during pregnancy



Pertussis Cases by Week (Cumulative): 2024 - 2026

● 2024 ● 2025 ● 2026



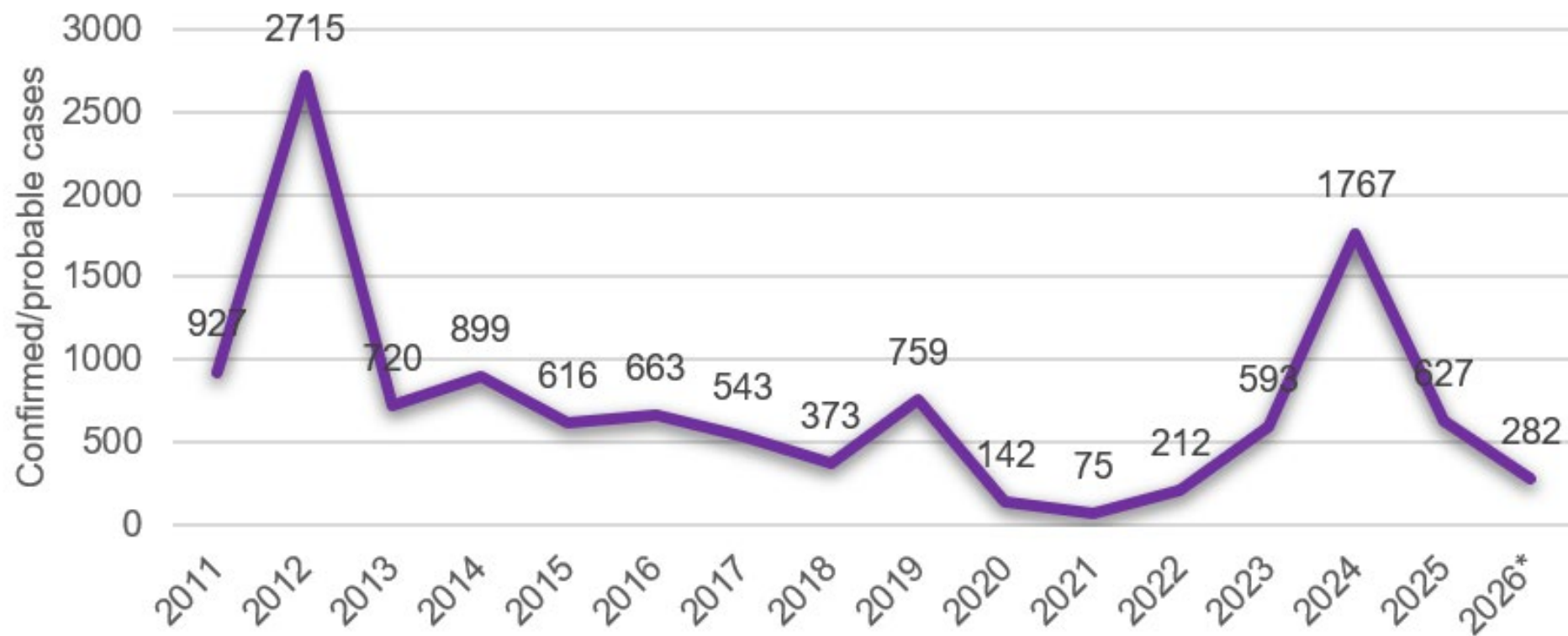
Source: Centers for Disease Control and Prevention



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NYS EXCLUDING NYC

Reported pertussis cases, NYS excluding NYC, 2011-2026*



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CORRESPONDENCE



A Regional Measles Outbreak — South Carolina, 2025–2026

Published July 15, 2026 | N Engl J Med 2026;395:717-719 | DOI: 10.1056/NEJMc2605131 | VOL. 395 NO. 7

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HEALTH

MAP: Where Virginians sick with measles live amid historic surge in cases

by: [Ryan Nadeau](#)

Posted: Jul 10, 2026 / 07:40 PM EDT

Updated: Jul 10, 2026 / 07:42 PM EDT

HEALTH IN PENNSYLVANIA

More than 1,300 measles cases reported in Pa.'s 6-month outbreak

Updated: Oct. 21, 2026, 3:43 p.m. | Published: Oct. 21, 2026, 3:24 p.m.



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HEALTHCARE

New Ohio measles cases slow, but state still sees increase

[Chad Murphy](#), [James Powel](#) and [Mary Walrath-Holdridge](#) USA TODAY NETWORK

Oct. 23, 2026, 7:21 a.m. ET

LOCAL NEWS

Measles outbreak hits Wisconsin: What you need to know to be prepared

by: [Blake Borths](#)

Posted: Aug 13, 2026 / 04:41 PM CDT

Updated: Aug 13, 2026 / 07:51 PM CDT

HEALTH

Utah marks a year of battling measles, with no clear end in sight

New York declares state disaster emergency over rising measles cases. Here's what that means

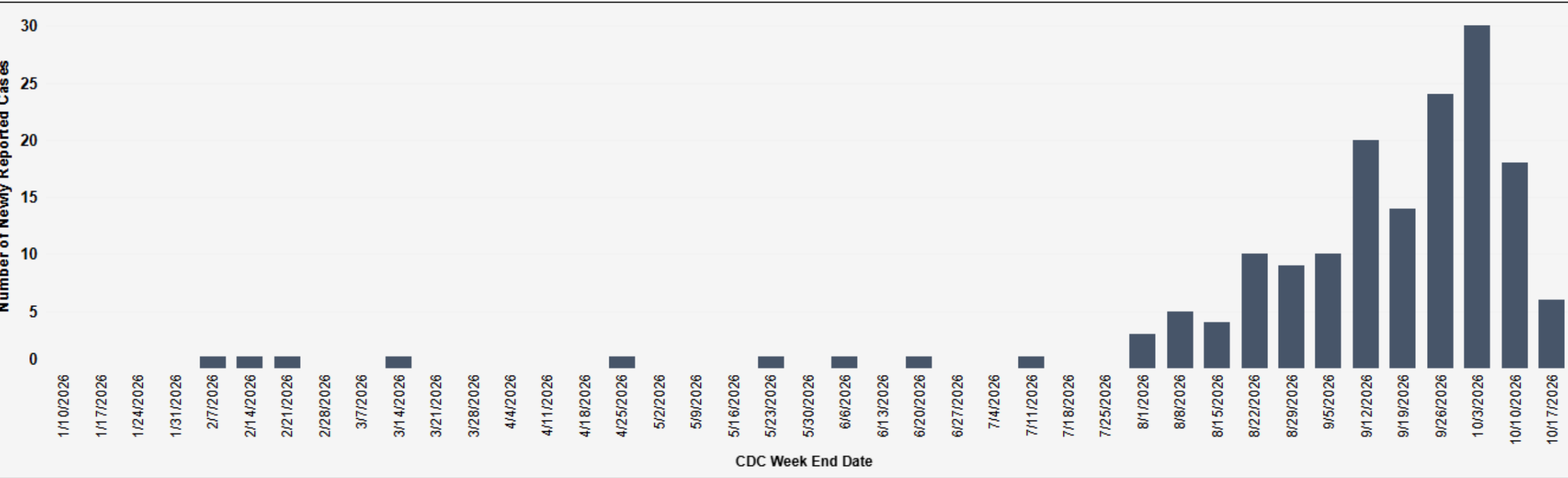
New York has recorded 108 measles cases so far this year, most since mid-July.

Measles

Since July 2026, NYS has been experiencing a measles outbreak among under-vaccinated populations in Capital, Central, and Western Regions

- Extensive response efforts are underway by local, regional, and state-level staff including:
 - Epidemiologic investigations, culturally competent outreach, immunization events, large event tracking, partner communication, surveys/data collection, utilization of trusted messengers, peer learning and response meetings, etc.
- October 5th - Governor signed an executive order declaring a disaster emergency across the state

Onset Date/ Date of Diagnosis



Cases by Year

Year to Date*

2026

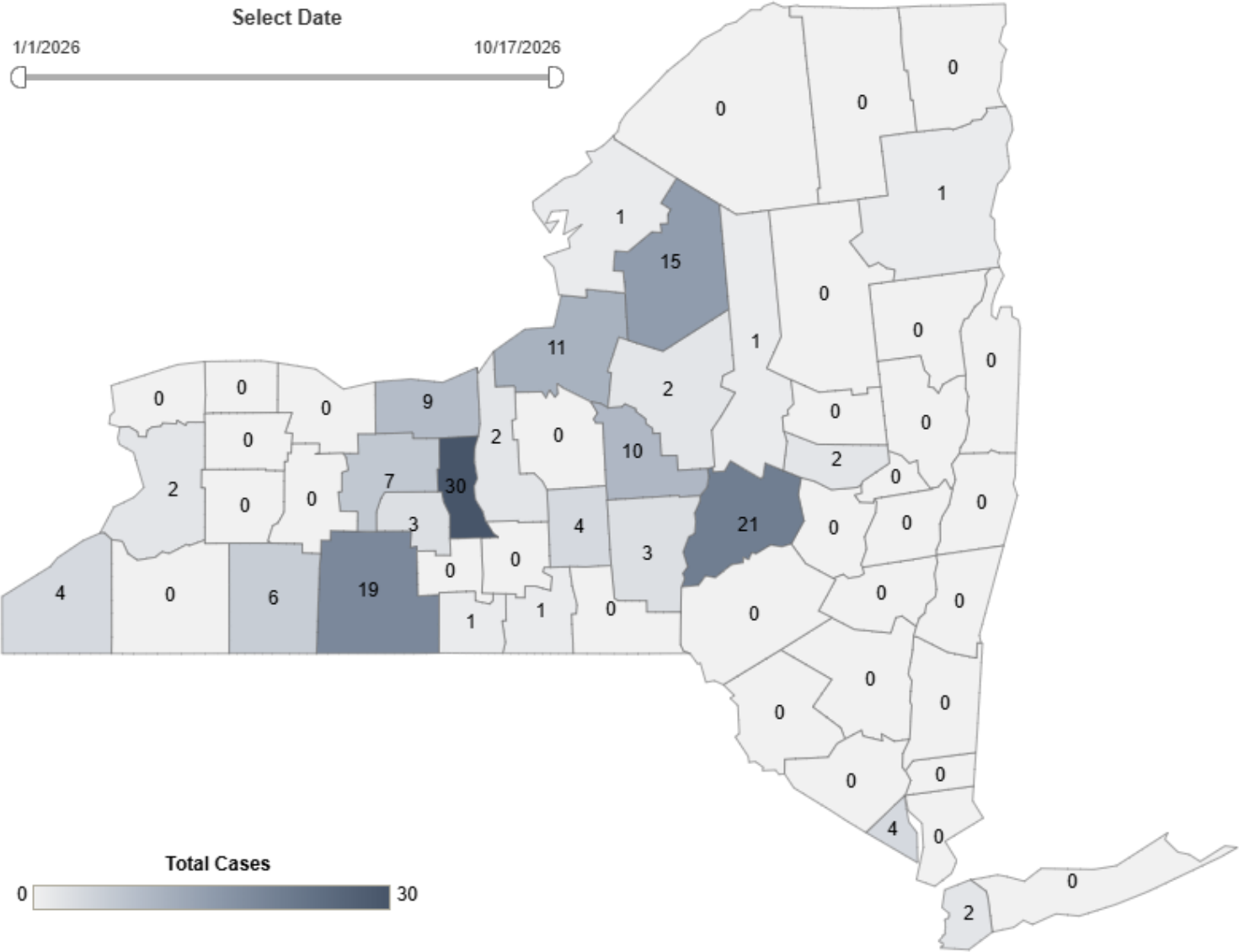
Total Cases

162

* Data are provisional, Counts are likely to increase in subsequent updates.

Confirmed Measles Cases by Region and County in New York State Excluding New York City

Data as of 10/17/2026
Dashboard Updated on: 10/20/2026



Region	County	New Cases (Last Week)	Total Cases	Total Cases (%)
Central New York	Cayuga	1	2	1%
	Cortland	0	4	2%
	Madison	0	10	6%
	Oswego	0	11	7%
Finger Lakes	Ontario	1	7	4%
	Seneca	1	30	19%
	Wayne	1	9	6%
	Yates	0	3	2%
Hudson Valley	Rockland	0	4	2%
Long Island	Nassau	1	2	1%
Mohawk Valley	Herkimer	0	1	1%
	Montgomery	0	2	1%
	Oneida	0	2	1%
	Otsego	0	21	13%
North Country	Essex	0	1	1%
	Jefferson	0	1	1%
	Lewis	0	15	9%
	St Lawrence	0	1	1%
Southern Tier	Chemung	0	1	1%
	Chenango	0	3	2%
	Steuben	1	19	12%
	Tioga	0	1	1%
Western New York	Allegany	0	6	4%
	Chautauqua	0	4	2%
	Erie	0	2	1%
Total		6	162	100%

MEASLES TOOLKIT

- Digital toolkit to assist with measles case investigations and outbreaks
- Includes line lists, template letters, guidance and monitoring tools, tools for healthcare settings, materials for providers, public education materials, press release examples, vaccine and immune globulin information and ordering materials, etc.
- Table of Contents available with links to all documents
- Button on the Health Commerce System home page for quick access

Important Health Events



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Thank you!
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