Massachusetts Department of Public Health

DPH

MDPH Tuesday Infectious Disease Webinar Series

"Tools for Local Boards of Health"

Hillary Johnson, MHS
Senior Epidemiology Advisor to Local Health, Division of Epidemiology

Scott Troppy, MPH, PMP
Senior Epidemiologist – MAVEN User Management & Data Visualization Lead

Julie Coco, MPH
Internship Program and Training Coordinator, Division of Epidemiology

Kate Hamdan, MPH
Surveillance Epidemiologist, MAVEN Training Team Lead

Petra Schubert, MPH
Emerging Infections Coordinator, Division of Epidemiology

Lionel White, MSIT
Senior Surveillance Research Analyst, MAVEN Training Team

February 10, 2026

- **DPH Updates:**
  - **Measles Update**
  - **Electronic Case Reporting (eCR) Update & Quick Tips**
    - Molly Crockett, MPH, Lead Informatics Epidemiologist – eCR

- **Featured Presentation:** Utilizing PIVOT Tables for your Local Health Data.
  - **Kate Hamdan**, MPH, Surveillance Epidemiologist, MAVEN Training Team Lead, MDPH Division of Surveillance, Analytics, and Informatics
  - **Makayla Petty**, MPH, Epidemiologist/Shared Service Coordinator, Greater Boroughs Partnership for Health
  - **Gruha Patel**, BDS, MPH, Regional Epidemiologist, Mystic Valley Public Health Coalition

Mark Lewis @marklewismd

Honestly don't know how to earn that 5th star

Dr Lewis saved my life!

Happy Valentine's Day to all our public health colleagues! WE give you 5 STARS!!!

Infectious Disease Tools for LBOH Webinar Schedule!

2026 Upcoming Schedule!

All Registrations:	http://tinyurl.com/MAVEN-Webinars
2nd Tues 2/10/26	**Pivot Tables and MAVEN Data**
4th Tues 2/24/26	**4th Tuesday Office Hours**
2nd Tues 3/10/26	**Case Investigation Tips & Tricks**
4th Tues 3/24/26	**4th Tuesday Office Hours**
2nd Tues 4/14/26	**Group A Strep Investigations**
4th Tues 4/28/26	**4th Tuesday Office Hours**
2nd Tues 5/12/26	**Tuberculosis Contact Investigations**
4th Tues 5/26/26	**4th Tuesday Office Hours**
2nd Tues 6/09/26	**Water & Animal Exposure Investigations for Enteric Diseases**
4th Tues 6/23/26	**4th Tuesday Office Hours**

WEBINAR REGISTRATION PAGE:
http://tinyurl.com/MAVEN-Webinars

- You help us identify topics, needs, & content!

- Be sure to send ideas, requests, and questions to Hillary and Scott!

MAVEN Help has Guidance Documents and Previous Webinars:

http://www.maven-help.maventrainingsite.com/toc.html

I LOVE TRAININGS!!! TUESDAYS ARE MY FAVORITE!

You can always contact mavenhelp@mass.gov or The MDPH Epi Program at 617-983-6800 with specific questions.

Join us for our next Office Hours Session Tuesday, February 24, 2026 @11:00!
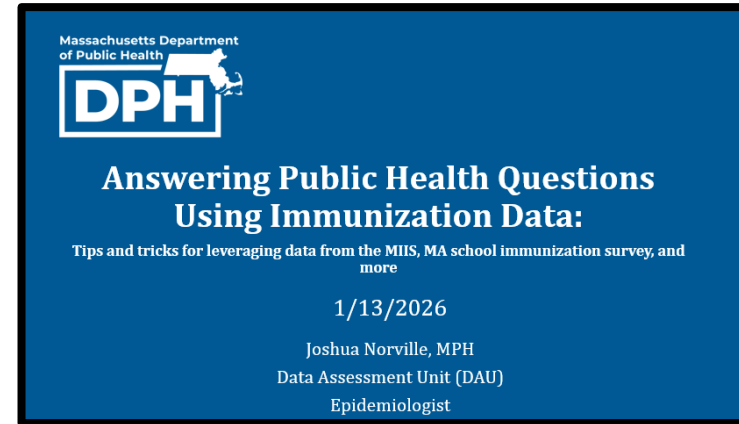
January 13, 2026:

- **2026 DPH Updates:**

  - **Childhood Vaccination Schedule Guidance**
  - **Influenza & Respiratory Illness Cluster Reporting**
    - COVID-19 is no longer a separate cluster type
  - **HPAI**
  - **Measles**
  - **Foodborne & Waterborne Illness (Johanna Vostok, Foodborne & Waterborne Illness Coordinator)**
    - Norovirus: New Guidance and Resources
    - Foodborne Illness Complaint Reporting is Live!
    - Foodborne & Waterborne Illness Data Available

- **Featured Presentation:** Answering Public Health Questions using Immunization Data: Tips and tricks for leveraging data from the MIIS, MA school immunization survey, and more.
  - Joshua Norville, MPH, Data Assessment Unit (DAU)

Massachusetts Department of Public Health

DPH

Answering Public Health Questions Using Immunization Data:

Tips and tricks for leveraging data from the MIIS, MA school immunization survey, and more

1/13/2026

Joshua Norville, MPH
Data Assessment Unit (DAU)
Epidemiologist

PDF Slides, Recording

Always Remember you can see recent webinar recordings and slides in MAVEN Help.

Bookmark the URLs!

MAVEN Help:
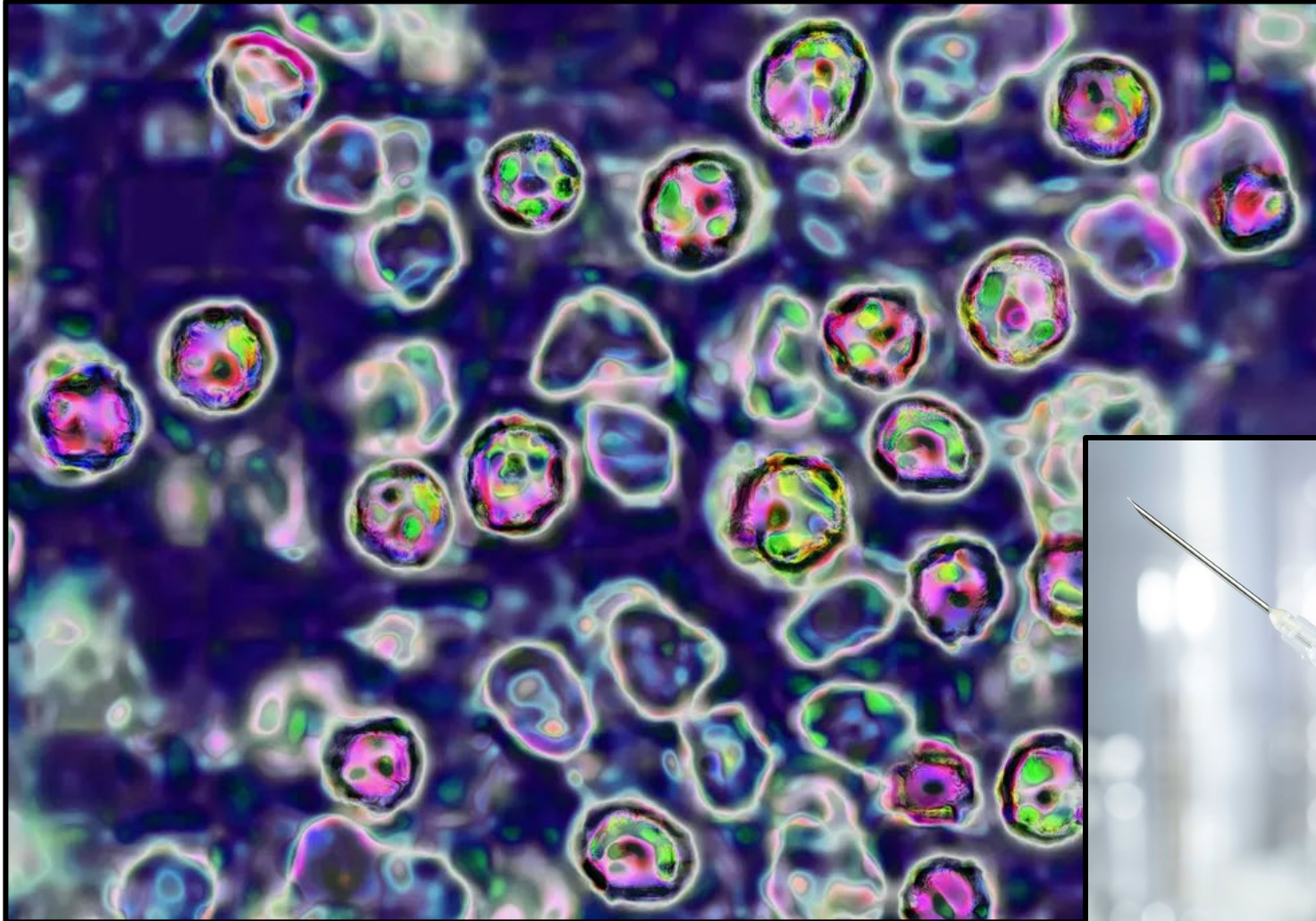http://www.maven-help.maventrainingsite.com/toc.html

Register for Future 2026 Webinars and Office Hours:
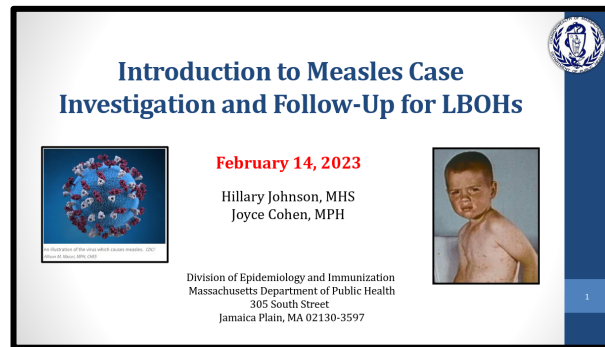http://tinyurl.com/MAVEN-Webinars
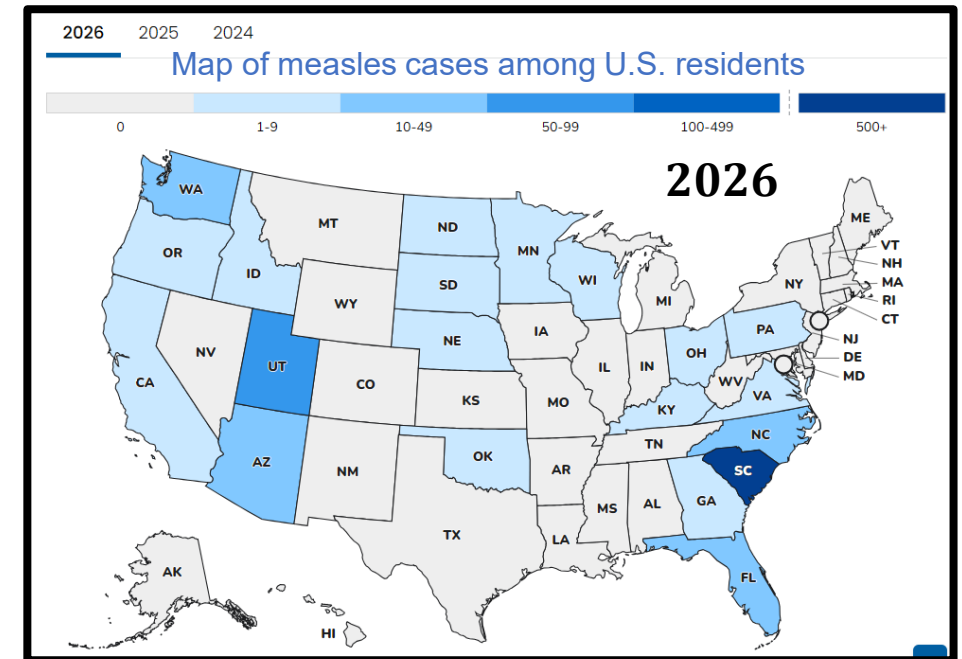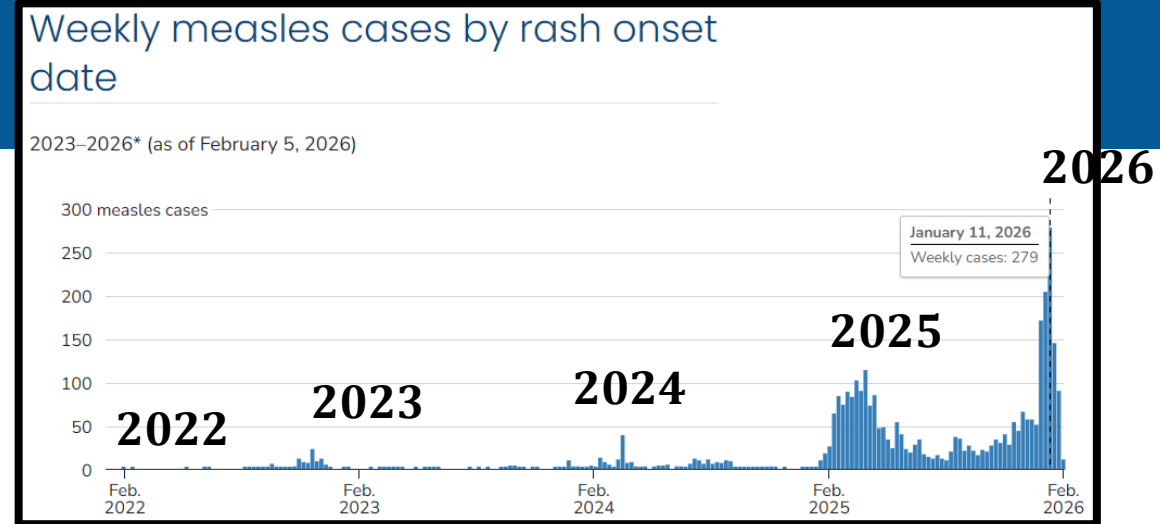
Measles Updates

U.S. Measles Cases, 2026

- **There continues to be no confirmed cases of measles in Massachusetts**

- A total of **2,267** measles cases were reported by 45 jurisdictions in 2025. 93% of cases were unvaccinated or unknown. There were 3 confirmed deaths.

- For 2026, **733** measles cases have been reported by 20 jurisdictions. 93% of cases were unvaccinated or unknown.

- Measles training on MAVEN Help:

Introduction to Measles Case Investigation and Follow-Up for LBOHs

February 14, 2023

Hillary Johnson, MHS
Joyce Cohen, MPH

Division of Epidemiology and Immunization
Massachusetts Department of Public Health
305 South Street
Jamaica Plain, MA 02130-3597

[Slides](#)
[Recording](#)

Intro to Measles Case Investigation and Follow-up

Weekly measles cases by rash onset date

2023–2026* (as of February 5, 2026)

January 11, 2026
Weekly cases: 279

Map of measles cases among U.S. residents

Data as of 2/5/2026. Source: https://www.cdc.gov/measles/data-research/index.html

Measles Update

- On January 23rd, 2026, the WHO announced **six European countries lost their measles elimination status:** Armenia, Austria, Azerbaijan, Spain, the UK, and Uzbekistan. Canada lost their elimination status in 2025.

  - CDC recommends that all travelers be fully vaccinated against measles before traveling to **any** international destination.

- **Elimination status in US:** Currently under threat and being reviewed.

  - Measles was [officially eliminated from the United States in 2000](#), meaning there is no measles spreading within the country and new cases are only found when someone contracts measles abroad and returns to the country. Achieving measles elimination status in the United States was a historic public health achievement.

- **Domestic Outbreaks of interest:** Texas, Utah, South Carolina

Traveling While Measles is Circulating

- For International Travel (or Domestic Travel to a [community outbreak](#)):
  - **All** international travelers should be fully vaccinated against measles with the [measles-mumps-rubella (MMR) vaccine](#), according to [CDC's measles vaccination recommendations for international travel](#), including:
    - **a total of two doses at least 28 days apart for anyone 12 months old or older without adequate evidence of immunity**
    - **an early dose for infants 6–11 months old**

Resources

- [NACCHO, 2025-2026 Measles Outbreaks: Where are We Now? Resources and Updates for Local Health Departments](#)

- [American Academy of Pediatrics- Measles](#)

- [Measles Outbreaks- CDC](#)

- [Nature Health, CDC: Measles Risk Level Map](#)

eCR Update and Quick Tips

February 10, 2026

Molly Crockett, MPH

Lead Informatics Epidemiologist - eCR

Electronic Case Reporting (eCR) in MA

- eCR messages contain electronic health record (EHR) data from a medical encounter

- MA receives an eCR if a patient encounter meets criteria for MA reportable condition(s)

- eCR is a national program - MA receives eCR for individuals seen in other states and vice versa

- Clinical and laboratory information relevant to the condition is sent to MAVEN

- Approximately 10% of reportable cases currently contain eCR data (and growing)

Does my case include eCR data?

What type of information might come from an eCR?

Example 1

Anaplasmosis Case

- Symptoms
- Facility/Provider Contact info

Facility Name:
Tufts Medical Center

Facility Type:
Intensive Care Unit

Facility Phone:
(978) 111-1111

Facility Fax:

Facility Address:
830 Washington Street Boston MA

Provider ID:
1000000000

Provider Name:
Doctor Quinn

Provider Phone:
(617) 222-2222

Provider Fax:
(617) 222-2223

Provider Email:
drquinnmd@email.com

eCR Symptom Code:
Fever

eCR Symptom Onset Date:
01/28/2026

eCR Symptom Code:
Joint Pain

eCR Symptom Onset Date:
01/25/2026

eCR Symptom Code:
Headache

eCR Symptom Onset Date:
01/26/2026

Save | Save & Stay | Cancel | Help

What type of information might come from an eCR?

Example 2

Listeriosis Case

- Hospitalization Info
- Pregnancy
- Diagnosis (encephalitis)

Was case hospitalized?

Yes

eCR Facility of Hospitalization:

TUFTS MEDICAL CENTE

eCR Hospital Admission Date:

02/01/2026

eCR Hospital Discharge Date:

mm/dd/yyyy

eCR Diagnosis Code:

Encephalitis

eCR Diagnosis Date:

02/01/2026

Was patient pregnant at the time of the visit?

Yes

Date pregnancy status recorded:

02/01/2026

Estimated date of delivery:

07/01/2026

Gestational weeks at time of visit:

Who is sending eCR in MA (Live to MAVEN)?

- Tufts Medicine (Tufts Medical Center, Melrose Wakefield, Lowell General, more)
- Berkshire Health (Berkshire Medical Center, North Adams Regional Hospital)
- Sturdy (Sturdy Medical Center)
- Trinity (Mercy Medical Center)
- Tenet (St. Vincent's, MetroWest Medical Center)
- Lifespan (RI Hospitals, Morton Hospital, St. Anne's)
- Cape Cod Healthcare (Cape Cod Hospital, Falmouth Hospital)
- UMass (UMASS Memorial, Harrington, Health Alliance hospitals – COVID only)
- MassGeneralBrigham (MassGeneralHospital, Brigham and Womens, Newton Wellesley, North Shore Medical Center, more – COVID only)
- OCHIN (Certain MA CHCs – COVID only)
- Out of state production HCOs

Status as of 2/10/2026

Who will be sending eCR in MA (in validation)?

- Beth Israel Lahey Health (BILH) (Beth Israel hospitals, Lahey Medical Center, Addison Gilbert, more)
- OCHIN (Other conditions)
- Baystate Health (Baystate hospitals)
- Holyoke Medical Center
- Heywood Hospital
- Southcoast Health (St. Luke's, Charlton Hospital, Tobey Hospital)
- South Shore Health System (South Shore Medical Center
- athenahealth (outpatient facilities throughout MA)
- Milford Regional Hospital (onboarding/testing)
- Atrius (onboarding/testing)
- Cambridge Health Alliance (onboarding/testing)

Status as of 2/10/2026

For general or technical eCR questions:

ImmediateDiseaseReporting@mass.gov

Connect with DPH

X @MassDPH

in Massachusetts Department of Public Health

DPH mass.gov/DPH

Appendix – Electronic Case Reporting Question Pkg

- eCR Reportable Condition
- eCR Reporting Healthcare Organization
- eCR Race & eCR Hispanic
- Visit Date*
- Gender Identity
- Medications
  - Rx, start/end date, dose, form, route
- Diagnoses (and diagnosis date)
- Symptoms (and onset date)
- Laboratory tests
  - Test, result, result value, received date, [specimen info when available]

Visit Date child questions:

- *Reason for visit (if coded)*
- *Pregnancy*
  - *Status, determination date, EDD, outcome of pregnancy (if sent)*
- *Did patient die?*
- *Occupation & Industry (if sent)*
- *Was case hospitalized?*
  - *Facility, Admission/Discharge dates*
- *Facility name, type, and contact information (for reported visit)*
- *Provider name and contact information (for reported visit)*