MDPH Tuesday Infectious Disease Webinar Series

Tools for Local Boards of Health

1-24-23

Live Office Hours!

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

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

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Surveillance Epidemiologist, MAVEN Training Team Lead

Alexandra De Jesus, MPH, CIC
Epidemiologist II – Pandemic Response Coordinator, Division of Epidemiology

Julie Coco, MPH
Epidemiologist II – Internship Program and Training Coordinator, Division of Epidemiology
Live Office Hours – 4th Tuesday of Month
11:00-12:00

- Office hours sessions will occur once per month and will be an open forum to ask questions about case investigation and follow-up and MAVEN functionality. We will provide a brief overview of the previous week's discussion and then provide time for questions and discussion.

- Be sure to submit questions in the registration to help guide our preparation for this session.

- Live – submit questions in the Question Panel on the Right.

- If no further questions, we can wrap up!
Office Hours Agenda Today

• Quick Summary of last webinar.

• Review of some webinar questions.

• Your submitted registration questions.

• Your live typed questions. *PRIORITY as they come in.*
2023 Updated Infectious Disease Tools for LBOH Webinar Schedule!

New 2023 Schedule!

| All Registrations: |  
|-------------------|----------------------------------------------------------|
| 2\textsuperscript{nd} Tues 1/10/2023 | New Year Kickoff: MAVEN Reports, Updates, and Topics You Submit! |
| 4\textsuperscript{th} Tues 1/24/23 | 4\textsuperscript{th} Tuesday Office Hours |
| 2\textsuperscript{nd} Tues 2/14/23 | Introduction to Measles Case Investigation |
| 4\textsuperscript{th} Tues 2/28/23 | 4\textsuperscript{th} Tuesday Office Hours |
| 2\textsuperscript{nd} Tues 3/14/23 | Introduction to Invasive Meningococcal Disease |
| 4\textsuperscript{th} Tues 3/28/23 | 4\textsuperscript{th} Tuesday Office Hours |

• 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:


Next Office Hours: Tuesday, January 24, 2023
• **Goal:**
  • Provide graduate public health students with the opportunity to supplement their classroom education by gaining an understanding of the critical role of local health departments, and to support local health departments in undertaking and completing public health projects.

• **Interested?:**
  • Please complete the online [2023 Local Health Internship Host Application Form](#) (DEADLINE: February 17th).
  • MDPH will recruit and match qualified public health students with approved LBOH Host Placements.

• **Requirements:**
  • Develop a solid outline of tasks the student will be required to perform.
  • Be able to host mid-May until mid-August (most interns will need around 160 cumulative internship hours).

• **Questions?:**
  • Please reach out to Julie Coco, Julie.coco@mass.gov.
Main Influenza Surveillance Data Resources

- [https://gis.cdc.gov/grasp/fluview/main.html](https://gis.cdc.gov/grasp/fluview/main.html)
- [https://www.mass.gov/info-details/weekly-flu-report](https://www.mass.gov/info-details/weekly-flu-report)
- [https://www.mass.gov/info-details/influenza-vaccination](https://www.mass.gov/info-details/influenza-vaccination)

The National Respiratory and Enteric Virus Surveillance System (NREVSS)

- The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors temporal and geographic circulation patterns (patterns occurring in time and place) of:
  - respiratory syncytial virus (RSV),
  - human parainfluenza viruses (HPIV),
  - human metapneumovirus (HMPV),
  - respiratory adenoviruses,
  - human coronavirus,
  - rotavirus, and
  - norovirus.

- [https://www.cdc.gov/surveillance/nrevss/index.html](https://www.cdc.gov/surveillance/nrevss/index.html)
Your Questions

• Why do some question packets include gender identification, what a person identifies as & born as, but Covid-19 wizard does not?

  • Great Observation! These questions will be added more broadly to additional wizards in the next release.

• What are the number of cases necessary to determine that a cluster needs to be formed for a communicable disease?

  • This varies by disease and setting. MDPH Epis can help create cluster events (outbreak events) when needed in most situations. If you have questions or have identified a cluster of related cases, talk with Epi Division on next steps.
Massachusetts Department of Public Health

Update on COVID-19 in Long-term Care Facilities

1/10/2022

Melissa Cumming
Christina Brandeburg
LTCF COVID-19 Reporting Burden

- CMS requires weekly reporting to NHSN, including cases, deaths and vaccination status of staff and residents [COVID-19 Nursing Home Data - Centers for Medicare & Medicaid Services Data (cms.gov)]
- The MA State Legislature requires reporting of all cases among residents and staff (and hospitalizations and deaths) to be reported in REDCap [Chapter 93 of the acts of 2020] [Archive of Chapter 93 COVID-19 Data | Mass.gov]
- The Bureau of Healthcare Safety and Quality (BHCSQ) requires reporting of any COVID-19 deaths to Healthcare Facility Reporting System (HCFRS)
- All positive antigen results for tests conducted in the facility must be reported to DPH via Casetivity
- Epidemiology only asks facilities to report new cases if they have gone 28 days without COVID-19 case activity, thus indicating a new “cluster” the new BRF can be used and should ONLY BE COMPLETED ONCE for each reported cluster: [EDSS CRF Covid Outbreak (casetivity.com)]
How Can LBOHs Help LTCFs?

- Supporting facilities with vaccines and PPE if needed
- Many LBOHs with excess home test kits have offered to provide to facilities for visitor and family use
- Please don’t request case line lists from facilities but instead consider periodic check-ins to see how facilities are doing.
- Become familiar with available published data sources if more information is desired.

- At this stage of the pandemic, facilities are aware of existing guidance when responding to cases and clusters.
  - Facilities can call 617-983-6800 at any time if they have questions or need support.
NEW COVID Cluster Events should only be created in MAVEN for a nursing home or rest home if they have not had a staff or resident case in the prior 28 days. (Cases within 28 days of a previous case remain part of the existing cluster event.)

- Please first confirm that there is not an existing (open) cluster event in MAVEN!
  - Currently, 63% of licensed nursing homes have an open cluster.
- If no existing open cluster event in MAVEN, recommend the facility report via new MDPH online reporting form (which creates the MAVEN cluster event). LBOH generally do not need to create these cluster events manually.
- LBOH can see MAVEN cluster events in their jurisdiction and are welcome to contribute notes or updates if applicable.
- Please ensure that the following variables are completed in MAVEN:
  - Last onset/positive date (Respiratory/ILI QPKG)
  - Exposure setting name (Standard QPKG)
  - Exposure setting type (Standard QPKG)
  - Zip (Standard QPKG)

All healthcare facility clusters will automatically be closed 28 days from the last onset/positive date.

- CMS and Chapter 93 reporting by the facility are the best resources for weekly case numbers and additional information.
<table>
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<th>Report</th>
<th>Date</th>
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<tr>
<td>COVID-19 LBOH Confirmed and Probable Case line list Report</td>
<td>First Positive Specimen Date</td>
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<tr>
<td>COVID-19 LBOH Confirmed and Probable Death Report</td>
<td>Event Date</td>
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<td>LBOH Basic Line List</td>
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<td>LBOH Count - Events Per Disease and Classification in Jurisdiction(s)</td>
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<td>LBOH Events by Week by Event Date</td>
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<td>LBOH Cluster Line List report</td>
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<td>LBOH Events by Time Period</td>
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<td>DGP – Event Information Extract by Disease (Excel, CSV)</td>
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<td>DGP – LBOH Active Caseload</td>
<td>Event Date</td>
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MAVEN Event Date Hierarchy

*Listed in Lowest priority to highest priority regardless of date:

• **COVID Events:**
  • Create date
  • First lab test date
  • Diagnosis Date
  • First positive test date
  • Symptom Onset Date

• **Other Epidemiology/Immunization events:**
  • Create Date
  • Diagnosis Date
  • First positive test date
  • Symptom Onset Date