MDPH Tuesday Infectious Disease Webinar Series

Tools for Local Boards of Health

December 20, 2022

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Updates for today, Tuesday, 12/20/2022

- Today’s goal – check out your LBOH Routine disease Workflow – answer step 1 as Yes or clear out older cases
- Data Viz LBOH Survey Reminder – Kate
- Out of Office Protocol - Kate
Check your Immediate, Routine & Pending Workflows TODAY

- Reminder to check your LBOH Workflows
  - LBOH Notification for Immediate Diseases (1 cases)
  - LBOH Notification for Routine disease (247 cases)
    -- Cases in these workflows range from February 4 – December 19
  - LBOH Case Report Forms (CRF) are pending (868 cases)
    -- Cases in these workflows range from August 8 – December 5
  - LBOH Notification but no follow-up required (873) cases in this workflow as of today)
We want to hear from you!

• A survey will be emailed to MAVEN users in the next week or so
  • From mavenhelp@mass.gov
• Our goal is at least one person per LBOH to respond
  • Participation is optional
  • More responses are welcome
• Completed online
• Take about 15-20 minutes to complete
• Deadline: December 30th
• Helps us plan data visualizations that meet your needs

LBOH Data Visualization Needs Assessment

This survey aims to understand how you currently use data visualizations and how the Division of Surveillance, Analytics, and Informatics (DSAI) within the Massachusetts Department of Public Health (MDPH) might be able to help create visualizations that support your work around Infectious diseases in MAVEN. Please note that this survey is focused on infectious diseases in MAVEN. The data collected from this survey is part of a needs assessment that will help MDPH determine next steps to support local public health with data visualization.

Data visualization is the graphical representation of information and data. By using visual elements like charts, graphs, and maps, data visualization tools provide an accessible way to see and understand trends, outliers, and patterns in data.

Data visualizations can include (but aren’t limited to):

• Charts and graphs, such as bar charts, line graphs, pie charts, and more
• Maps, both static and interactive
• Infographics
• Dashboards, which are usually multiple smaller data visualizations put together to show more information
• Tables
• Anything that displays data in a visual way is a data visualization.

Thank you for taking the time to provide us with your input!
Out of Office Protocols – MAVEN Coverage

- Ensure there is infectious disease response capacity while you are away. The steps you take depend on your circumstance.

- Check and review your communication events

Steps to take if you will be out of the Office and how to notify MDPH about your plans for MAVEN coverage.

If you plan to take time off, you must ensure there is infectious disease response capacity while you are away. The steps you take depend on your circumstance.

1. If you are a LBOH, school, or agency that relies on the Community Tracing Collaborative (CTC) for investigation and follow up of COVID-19 cases in MAVEN. Please remember that the last day you’ll be able to send cases to the CTC is Tuesday, November 30th.

   **Timeline for CTC Closure**
   - The last day to send cases to the CTC is **Tuesday, November 30th**.
   - Your Local Health Liaison (LHL) will be available through **Thursday, December 30th**.
   - The CTC will close **Friday, December 31st**.

2. If you have a backup with MAVEN access in your LBOH, school, or agency: Have your backup log into MAVEN to make sure their account is active.

   * BOH users: you should also add a note in your city/town’s Communication Event. Add the dates you will be out of the office and who will be covering MAVEN while you are away. If that person’s contact number is not listed, please add it to the note section.

   **Notes**
   - Barbara will be on vacation from 12/28/19 until 12/14/19. Dai will be serving as her backup while she is away.

   If you do not know how to find your Communication Event, please access the FAQ titled “What are Communication Events and how do I access mine?” in the MAVEN Help Section.
Out of Office Protocols – MAVEN Coverage

- MAVEN Backup:
  - Have your backup log into MAVEN to make sure their account is active.

- NO MAVEN Backup:
  - Reach out within your LBOH or agency, local schools or neighboring communities
  - If you are unable to find backup, reach out to DSAI immediately at mavenhelp@mass.gov
Topics Today

- MAVEN Updates & Reminders
- Updated 2023 Webinar & Office Hours Schedule!
  - 2nd and 4th Tuesdays in 2023
- Vaccine Confidence Project Resources
- Enteric & Waterborne Illness End-of-Season Summary
  - Food and Waterborne Illness Epi Team
- Guest Presentation: Introduction to Routine Vaccine Preventable Disease (VPD) Case Investigations: *Haemophilus influenzae, Streptococcus pneumoniae, Varicella*
  - Victoria Carroll, MPH & Christine Nguyen, MPH
2023 Updated Infectious Disease Tools for LBOH Webinar Schedule!

- **NEW 2023 CADENCE**: MDPH will present on 2\textsuperscript{nd} and 4\textsuperscript{th} Tuesdays of the month in 2023.
  - 2\textsuperscript{nd} Tuesdays will be formal presentations, updates and a Featured Guest Topic.
    - These presentations will be recorded.
  - 4\textsuperscript{th} Tuesdays will be open Office Hours for MAVEN Functionality, questions, etc.
    - Office hours will not be recorded.
  - Registrations for each session is still required. Bookmark the one stop shop for registration links in case you miss the email updates and reminders:
    - [https://maven-webinars.constantcontactsites.com/](https://maven-webinars.constantcontactsites.com/)

- **2023 Tools for LBOH Infectious Disease Webinar Series will continue to focus on**:
  - Updates in Guidance.
  - Troubleshooting MAVEN.
  - How to conduct case investigations and contact tracing in different settings.
  - Target Audience: Health Agents, EpiS, Contact Tracers, and Public Health Nurses doing this work.
# 2023 Updated Infectious Disease Tools for LBOH Webinar Schedule!

New 2023 Schedule!

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<tr>
<th>All Registrations:</th>
<th><a href="https://maven-webinars.constantcontactsites.com/">https://maven-webinars.constantcontactsites.com/</a></th>
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<td>2nd Tues 1/10/2023</td>
<td>New Year Kickoff: MAVEN Reports, Updates, and Topics You Submit!</td>
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<td>4th Tues 1/24/23</td>
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<td>Introduction to Measles Case Investigation</td>
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*No Webinar 1/3/23

- 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 Webinar: Tuesday, January 10, 2023
Updates – A quick recap for Dec. 20, 2022

We Last Met Dec. 8, 2022:

• MAVEN Updates
• New Dashboards for Influenza and Wastewater!
  • Lizzie Mello
• Data Visualization Survey for LBOH
  • Lizzie Mello
• Mpox Updates (formerly monkeypox)
  • Vocabulary & Epidemic Curve Updates
• RSV
  • Resources and Talking Points
• Guest Presentation: Introduction to Mumps Case Investigations
  • Marija Popstefanija, MPH, MS
  • Trisha Barungi, MS

PDF SLIDES: Intro to MUMPS
WEBINAR: Presentation Recording

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

Massachusetts Vaccine Confidence Project

• We are working to increase vaccine confidence throughout Massachusetts to ensure that all residents are fully protected against serious, vaccine-preventable disease.

• **Vaccine confidence**: The trust in the recommended vaccines, the providers who administer them, and the process that leads to vaccine licensure and recommendations.

• [https://massvaccineconfidenceproject.org/](https://massvaccineconfidenceproject.org/)

https://www.cdc.gov/vaccines/partners/vaccinate-with-confidence.html
Massachusetts HPV Initiative

- HPV is not a reportable infection in MA, however there are data resources available and prevention initiatives in MA and nationally.

[Image: United States Cancer Statistics Data Brief - August 2018]

[Image: Bureau of Infectious Disease and Laboratory Sciences Immunization Program - Massachusetts HPV Initiative]


https://www.mass.gov/doc/mdph-hpv-information-sheet/download
Enteric & Waterborne Illness
End-of-Season Summary

December 20, 2022

Epidemiology Program | Bureau of Infectious Disease and Laboratory Sciences
MA Department of Public Health
Key Takeaways

• There was a decrease in reported cases of *Campylobacter* and *Salmonella* in 2020-2021 due to the pandemic. In 2022, case counts were closer to pre-pandemic years.

• In 2022, more cases of salmonellosis were reported in July than expected. This is likely attributable to a large outbreak of *Salmonella* Mississippi.

Data from MAVEN as of 12/14/22 and are subject to change.
Cyclo Season Summary

Reported confirmed & probable cases of *Cyclospora* infection, 2020-2022

- 2020: 20 seasonal cases
- 2021: 32 seasonal cases
- 2022: 34 seasonal cases

"Cyclo Season" is May 1st – August 31st (shown in the darker blue)

Data from MAVEN as of 12/5/22 and are subject to change.
2022 *Cyclo* Season Summary

91%
Confirmed & probable cases reported May-August 2022 that were successfully interviewed by LBOHs or MDPH with a full or partial risk history obtained

Only 3 cases were lost to follow-up or refused interview

Breakdown of Import Status

- 52% Acquired in MA
- 29% Acquired outside of US (100% Mexico)
- 19% Could not be determined

Age of reported confirmed and probable cases of *Cyclospora* infection, May-August 2022

**Key Takeaways**
- No outbreaks were identified in MA this year.
- Two possible clusters investigated:
  1) Red raspberries
  2) Meals from a chain restaurant, but upon further investigation (including utilizing shopper card histories) there were no definitive findings.

Data from MAVEN as of 12/5/22 and are subject to change. "Cyclo Season" is May 1st – August 31st.
2022 Vibrio Season Summary

Reported confirmed and probable cases of *Vibrio parahaemolyticus* or *Vibrio species* (not further speciated) infection during *Vibrio* season*, 2015-2022

*Vibrio* season: May 1st – October 31st.

**CIDT stands for culture independent diagnostic testing.

Data from MAVEN as of 12/15/22 and are subject to change.
**Vibrio Season Summary**

**41**

MA residents investigated with *Vibrio parahaemolyticus* or *Vibrio sp.* (not further speciated) from stool

**80%**

Reported consuming raw oysters (28 out of 35 with information available)

An additional 17 out-of-state residents reported with consumption of oysters in MA, or whose illness was traced back to oysters in MA.

Data from MAVEN as of 12/7/22 and are subject to change.
Reported Confirmed and Probable Cases of *Legionella*, 2020-2022

Data from MAVEN as of 12/14/22 and are subject to change.
**2022 Legionella Season Summary**

- **197** Reported confirmed and probable cases with *Legionella* infection

- **7.6%** Reported a healthcare exposure during the 14 days prior to illness

- **16.2%** Reported spending ≥1 night away from home during the 14 days prior to illness

Data from MAVEN as of 12/14/22 and are subject to change.
Resources

- Foodborne and Enteric Diseases folder in Maven Help
- Webinars
  - Introduction to Enteric Gastrointestinal Illness Disease Case Investigations
  - Cyclospora and Vibrio Case Investigations for LBOH
  - Legionella Overview Webinar
- Foodborne Illness Complaint (FBI) Tip Sheet
- Foodborne illness information for healthcare and public health professionals
  - Guide to Surveillance, Reporting, and Control Disease-specific case investigation guidance
  - Disease-specific fact sheets Includes Salmonella, Campylobacter, Cyclospora, Cholera, and Vibrio parahaemolyticus