

# MDPH Tuesday Infectious Disease Webinar Series

## Tools for Local Boards of Health

**April 11, 2023**

**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

**Kate Hamdan, MPH**

Surveillance Epidemiologist, MAVEN Training Team Lead

**Alexandra De Jesus MPH, CIC**

Epidemiologist II – Pandemic Response Coordinator, Division of Epidemiology

### MDPH Tuesday Infectious Disease Webinar Series

#### Tuberculosis for Local Boards of Health

**April 11, 2023**

Staff from  
Division of Global Populations and Infectious Disease Prevention

Andrew Tibbs  
Anna Hippchen  
Marisa Chiang  
Kavita Gadani  
Sergut Wolde-Yohannes



# Updates for today, Tuesday, 4/11/2023

- Today's goal – check out your LBOH Routine disease Workflow – **answer step 1 as Yes or clear out older cases**
- MAVEN Question Package changes to support eCR (Molly/Scott)
  - Reference [PowerPoint from Jan 2023](#)
- COVID-19 Death Definition update (Spencer)
- MassNotify Update (Spencer)
- Vax Dashboard updates (Spencer)

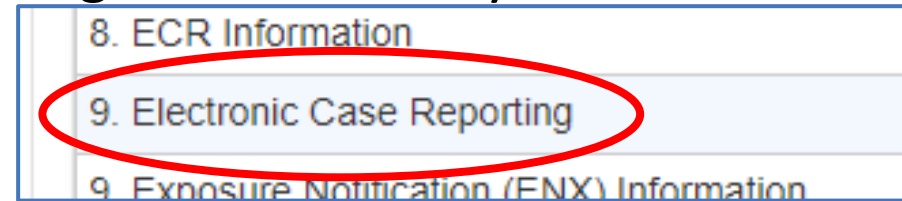
# Check your Immediate, Routine & Pending Workflows TODAY



- **Reminder to check your LBOH Workflows**
  - **LBOH Notification for Immediate Diseases (5 cases)**
  - **LBOH Notification for Routine disease (86 cases)**
    - Cases in these workflows range from February 4 – December 19
  - ➡ ■ **LBOH Case Report Forms (CRF) are pending (553 cases)**
    - Cases in these workflows range from Feb 2022– April 11, 2023
  - **LBOH Notification but no follow-up required (2,694 cases in this workflow as of today)**

# MAVEN QP changes to support eCR

- ❑ Note eCR data are not flowing into MAVEN yet – but soon! (no concrete timeline)
- ❑ New question package – Electronic Case Reporting – contains only EHR data received through national eCR program
- ❑ Right now includes one hospital system (all conditions) and some community health centers (COVID/MPOX only), but several more hospital systems are preparing to onboard
- ❑ Data received through existing ESP program will remain in ECR question package
- ❑ This is a work in progress! We will be continually adapting based on lessons learned at national and state levels, including feedback from MAVEN users



# MAVEN lab tab changes to support eCR

- eCR reports often include lab data
  - Typically already received through ELR
  - May not be as complete as ELR
- To differentiate lab sources, new section/field added to lab tab
- For now, will only be populated for eCR labs – will be blank for labs received through ELR

✓ Edit Lab Result - Eecee ArrTest - Novel Corona

**Investigation**

EntryMethod

Automatic

**Electronic Laboratory Data Source**

Electronic Laboratory Data Source

Electronic Case Report

**Specimen Info**

Specimen Date \* 01/01/2023 Specimen Number 25067215

**Tests**

Test \* 2019-NCOV RNA PNL XXX NAA+PROBE

Result Value Result Units

ISIS Received Date 01/01/2023 Copy received

# eCR Data integration into MAVEN

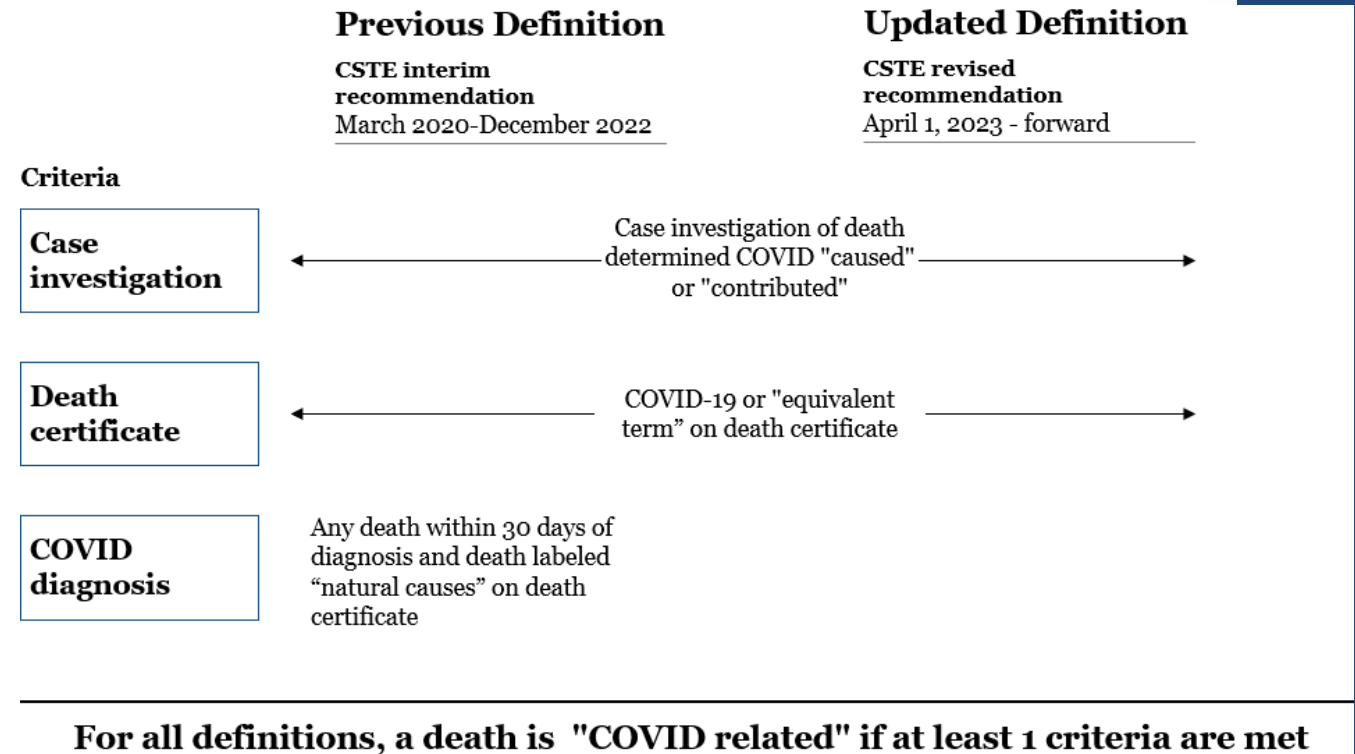
- Most eCR data stored independently in new QP
- Repeatable elements add iterations
- Right now:
  - Iterations of Race from eCR count towards Calculated Race field
  - Demographic 'Hispanic' field is a hierarchy of available info – Yes>No>Unknown
  - Clinical QP 'Outcome' field is a hierarchy of available info – Died>Recovered/Survived>Unknown

The screenshot displays a web-based form for entering eCR data into the MAVEN system. The form is organized into several sections. The first section contains a 'Visit Date' field with a date picker set to 01/01/2022 and an 'Add New' button. The second section has a 'Race (old)' dropdown menu currently set to 'White'. The third section includes an 'eCR Hispanic' dropdown menu set to 'No'. The fourth section features a 'Current housing status' dropdown menu. The fifth section contains a 'Did patient die:' dropdown menu set to 'Unknown'. To the right of the main form, there are three stacked boxes, each representing an iteration of symptom data. Each box contains an 'eCR Symptom Code' dropdown menu and an 'eCR Symptom Onset Date' field with a date picker. The first iteration shows 'Difficulty Breathing' and '11/04/2021'. The second iteration shows 'Cough' and '11/04/2021'. The third iteration also shows '11/04/2021' but the symptom code is partially obscured.

- More integration to come!
  - Industry/Occupation
  - Workflows
  - Other hierarchical/calculated fields

# COVID-19 Death Definition Update

- Beginning April 1, 2023, the Massachusetts Department of public health updated the criteria used for identifying COVID-19 death to align reporting with the national standard definition set by the Council of State and Territorial Epidemiologists (CSTE)
  - Change needed as people are now less likely to die from COVID-related causes than earlier in the pandemic.
  - Applies to deaths occurring on and after April 1, 2023 and published on the interactive dashboard as of April 6.



# COVID-19 Death Definition Update

- If you are notified of a death, do not update the outcome in the clinical QP
  - Deaths are identified via a daily match with vitals data and MAVEN events are updated according to the death classification definitions.
  - If a death meets the definition, these fields will be filled out.
  - You can leave a note in the event and contact MAVEN Help to check whether a death meets the definition and should be counted.

Outcome:

Died

---

Date of death:

01/01/1900

---

Location of death

Inpatient ward

---

Autopsy performed?

---

Vitals Record ID:

999999



# 2023 Infectious Disease Tools for LBOH Webinar Schedule!



## 2023 Schedule!

All Registrations:	<a href="https://maven-webinars.constantcontactsites.com/">https://maven-webinars.constantcontactsites.com/</a>
2 <sup>nd</sup> Tues 4/11/23	Tuberculosis
4 <sup>th</sup> Tues 4/25/23	4 <sup>th</sup> 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:

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

**Next Office Hours: Tuesday, April 25, 2023**

# Agenda April 11, 2023

- **MAVEN Workflow Updates and Reminders**
- **COVID-19 Death Definition Update**
- **COVID-19 Follow-up Reminders & Guidance for Local Jurisdictions**
- **Tuberculosis Overview for Local Boards of Health.**
  - Division of Global Populations and Infectious Disease Prevention



**Sophia Benoit**   
@1followernodad

Yes life is hard now but in the early 2000s your coworkers could secretly nominate you for What Not to Wear.

# Updates – A quick recap for April 11, 2023

## We Last Met March 14, 2023:

- **MAVEN Updates & Reminders**
  - Restrictions in notating HIV status of cases
- **Happy Three-Year Pandemic Anniversary!!!**
- **Introduction to Invasive Meningococcal Disease (IMD) Investigation and Follow-Up for LBOHs.**
  - Rosa Hernandez, MPH
  - Alexandra DeJesus, MPH, CIC



[PDF SLIDES: Intro to Invasive Meningococcal Disease](#)

[WEBINAR: Presentation Recording](#)

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



**Bookmark the URL!**

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

# COVID-19 Activities in 2023

- **MDPH expectations for comprehensive COVID-19 case investigation and contact tracing at the local level for all individual cases were discontinued in December 2021.**
  - Updates to the State of Emergency (in MA or Nationally) do not affect this guidance, which has been in place for over a year.
  - COVID-19 remains a reportable infection and you will see positive lab results generating MAVEN events.
    - For ease in tracking, there are two COVID-19-specific notification workflows. Local jurisdictions can bulk acknowledge these cases and/or review local priority events in more detail at your discretion.
    - The **State [COVID-19 Dashboard](#)** includes data on: city/town specific metrics; confirmed and probable cases; testing; age groups, race and ethnicity, and sex of cases, however additional data within the MAVEN COVID-19 events is not currently being utilized to track COVID activity within the Commonwealth.
    - Interested LBOH can obtain LTCF data at [CMS](#) and [Chapter 93](#).

# COVID-19 Activities in 2023

Remember: There is no longer Quarantine for COVID-19 Exposures.

- Isolation and ~~Quarantine~~ (Exposure) for COVID-19 Cases and Exposed Individuals has been the same for a while now.
  - Isolation and Exposure Guidance for the [General Public](#)
    - Cases: Stay home for at least 5 days, then (if symptoms are improving\*), you can end home isolation on Day 6 as long as you are masking around others (Days 6-10).
    - Contacts: No need to quarantine (if asymptomatic), but MASK UP for 10 days following exposure. Test on Day 6 (or if symptoms develop).
  - Isolation and Exposure Guidance for [Children and Staff](#) in Childcare, K-12, Camps, etc.
    - Cases: Stay home for at least 5 days, then (if symptoms are improving\*), you can end home isolation on Day 6 as long as you are masking around others (Days 6-10).
    - Contacts: No need to quarantine (if asymptomatic), but MASK UP for 10 days following exposure. Test on Day 6 (or if symptoms develop).

**\*Symptom-Based Criteria:** symptoms are resolving and they have been fever free without the use of fever-reducing medicine for 24 hours.

# COVID-19 Activities in 2023

- Individual COVID Case Investigation and Contact Tracing is no longer required. Instead, jurisdictions should ensure the **provision of control measure support and guidance for clusters in high-priority settings** (shelters, corrections, daycares, schools, colleges, etc.).
- AKA: The LBOH provides control recommendations and support as needed and advises on implementation of COVID Isolation and Exposure guidance.
- LBOHs are no longer required to document/chase down each individual case and contact in these high-priority settings.
  - **MAVEN Clusters.** If desired, MAVEN COVID Cluster events can be created to document guidance and follow-up recommendations advised by a LBOH. Individual cases do not need to be created or linked to Cluster Events, and Cluster Events are not currently being used by DPH to monitor COVID activity in the Commonwealth.

# COVID-19 Case Investigation & Contact Tracing Grant (RFR 223127)

- **Administered through the DPH BIDLs.** Initiated in 2021 to coincide with the dissolution of the Community Tracing Collaborative (CTC) to ensure COVID-19 response continued at the local level. Approx. \$10M & 198 municipalities.
- **Scope of Services** has been revised to address response to ALL INFECTIOUS DISEASES (not just COVID).
  - Funded staff such as Contact Tracers and Epidemiologists should work on other infectious diseases (beyond just covid) and local jurisdictions can utilize them for other core local health activities.
- **Requires Epidemiology.** A funded jurisdiction should have demonstrated that they are funding Epi capacity in some way (like hired an epi).



# COVID-19 Case Investigation & Contact Tracing Grant (RFR 223127)

- **There is plenty to do beyond COVID-19!**
- **Epidemiologists should work on more than just COVID.** Epidemiologists should support their jurisdictions beyond just COVID epidemiology and review and assess all infectious disease trends. And if they have that covered, they can look to other core local health epidemiological activities as appropriate. (Needs assessments, etc. may be helpful for a jurisdiction)
- **Other Core Local Health Activities.** “The grant may support other core local health activities if the [above] service elements are accomplished, with the exclusion of support for vaccination activities.”
  - This grant is honestly very flexible and there are lots of activities that Epidemiologists and other health agents can be doing (aside from vaccination activities which are funded elsewhere) to support local public health, as long as infectious disease response is covered.



