Follow-up for Positive COVID-19 Cases and their Close Contacts

Tools for LBOHs

October 19, 2021

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Topics Today

- CTC Closeout/Transition Timeline – John Welch
- MassNotify – Rosa Ergas, Ian Cutler and Laura Jones
- MAVEN Updates & Reminders
- Updated Quarantine Guidance
  - The PDF quarantine documents and the full Quarantine page have been updated (with a date of September 29, 2021).
- Updated Testing FAQ on MAVEN Help
- New Contact Monitoring Wizard
  - New separate wizards for Cases and Contacts to simplify follow-up.
MDPH Conducts Weekly COVID-19 Case Investigation Webinars

• MDPH presents weekly on Tuesdays 11:00-12:15
  • Updates in Guidance
  • Troubleshooting MAVEN
  • How to conduct case investigations and contact tracing in different settings.
  • Target Audience: Health Agents, Contact Tracers, and Public Health Nurses doing this work.

MAVEN Help has Guidance Documents and Previous Webinars:

Webinars: Tuesdays @ 11am

MDPH Epi Program: 617-983-6800
MDPH MAVEN Help Desk: isishelp@mass.gov
MDPH ISIS Help Desk: 617-983-6801
MDPH ISIS Fax: 617-983-6813
DESE Rapid Response Help Center: (781) 338-3500
CTC Help Desk: 857-305-2828
  CTC Local Health Help ctclocalhealthhelp@covid19.pih.org
  CTC Supervisor Contact List
  Higher Ed Contact List
Updates for today, Tuesday, 10/19/2021

- CTC Transition/Close out - John Welch
- MassNotify Update - Rosa Ergas, Ian Cutler & Laura Jones
- Reminder to check your Immediate, Routine & Pending Case Report Form Workflows (something other than COVID)
- LBOH Immediate Workflow – COVID-19 events only – please check your workflow TODAY and clear out the workflow
- Updated Tip Sheet on Addresses
Timeline for CTC Close

- The last day to send cases to the CTC is **Tuesday, November 30** (6 weeks from today).
- Your Local Health Liaison (LHL) will be available through **Thursday, December 30**.
- The CTC will close **Friday, December 31**.

<table>
<thead>
<tr>
<th>October</th>
<th>November</th>
<th>December</th>
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<tbody>
<tr>
<td>2 weeks</td>
<td>11/1</td>
<td>12/6</td>
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<td>12/27</td>
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<td>11/29</td>
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<td></td>
</tr>
<tr>
<td>Today</td>
<td>11/30</td>
<td>12/30</td>
</tr>
<tr>
<td>10/19</td>
<td>Last day to send cases to CTC</td>
<td>End of LHL support</td>
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<td></td>
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<tr>
<td></td>
<td>12/31 CTC closes</td>
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</tbody>
</table>
MassNotify Update

Current status of automated exposure notifications in Massachusetts

October 18, 2021
MassNotify Technology – How it works

- Enrolled Users devices share anonymous codes with each other using Bluetooth.
- If a MassNotify user tests positive for COVID-19, they receive a case verification link that allows them to anonymously alert other MassNotify users about their positive result.
- Other MassNotify users who were nearby a case within a 14-days will be notified of their possible exposure.
Case verification links and exposure notifications

• Case verification links are generated automatically based on positive laboratory reports received in Maven.
• MassNotify users who receive an exposure notification are directed to call the MassNotify help desk and can be added as a new contact in the MassNotify cluster for contact tracing in Maven.
Source: This is based on both Google and Apple data, and does not account for uninstalls on iOS devices.
Number of cases who start or complete process of enabling exposure notifications

Source: APHL exposure notification case verification (ENCV) server
<table>
<thead>
<tr>
<th>Date Range</th>
<th>MAVEN</th>
<th>MA Notify</th>
</tr>
</thead>
<tbody>
<tr>
<td>06/27-07/10</td>
<td>0.35</td>
<td>12.2</td>
</tr>
<tr>
<td>07/11-07/24</td>
<td>0.42</td>
<td>19.5</td>
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<tr>
<td>07/25-08/07</td>
<td>0.81</td>
<td>17.6</td>
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<tr>
<td>08/08-08/21</td>
<td>0.66</td>
<td>12.6</td>
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<tr>
<td>08/22-09/04</td>
<td>0.649</td>
<td>13.2</td>
</tr>
<tr>
<td>09/05-09/18</td>
<td>0.826</td>
<td>54.4</td>
</tr>
<tr>
<td>09/19-10/02</td>
<td>0.867</td>
<td>29.4</td>
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</tbody>
</table>

Source: MAVEN, Scaled up ENPA notification data
Check your Immediate, Routine & Pending Workflows

- Reminder to check your Immediate, Routine, Pending Case Report Form Workflows
  - LBOH Notification for Immediate Disease
  - LBOH Notification for Routine disease
  - LBOH Case Report Forms (CRF) are pending

"A Gentle Reminder"
Immediate Notification workflow (COVID-19 Only)

- **UPDATE:** COVID-19 Immediate Notification Workflow - 899 events in this workflow this morning

- This will allow proper notification of all new COVID-19 events for your jurisdiction. *(Confirmed and Probable Cases)*

- Please review all events/cases in this workflow and complete your **Step 1 - LBOH Notification to “Yes”** to clear out this workflow.

- If you are retaining ownership then complete **Step 2 (Investigation Started)** & **Step 3 (LBOH Investigator (name, lboh, phone number))**

- When you are done then complete Step 4 (Case Report Form Complete)

- You can complete **Step 5** if you want – if not then leave blank
Updated Jurisdictional Guidance and Address Tip Sheet

- We have received several questions related to jurisdictional assignment of college/university/boarding school COVID-19 cases
  - Cases should be counted in the city or town where they live for the majority of the year
  - Further detail and FAQs will be emailed later this week
- Updated address tip sheet
  - Added detail on official address, temporary address, and out of state notifications
  - Updated document will be emailed and posted to the Help Section later this week
Reminder: Please fill out survey for MAVEN users on collection of demographic information by Friday, 10/22

Good morning,

The Bureau of Infectious Disease and Laboratory Sciences is working with the Occupational Health Surveillance Program to evaluate demographic information collected in MAVEN. We are interested in improving the collection and use of information related to employment such as occupation, employer name, and employer address. As part of this effort, we are interested in learning about how often various demographic questions are collected as well as any barriers to collecting information from cases.

We have developed a quick survey to learn more about data collection practices. The survey can be accessed through this link: https://mdph.checkboxonline.com/MAVEN-collection-of-occupation-and-employer-info

If you could complete this short survey by Friday, October 22, that would be greatly appreciated. The survey will take less than 10 minutes to complete, and findings will inform training and education materials regarding collection and use of employment related information.

- Part One: COVID-19 Basics Slides
- Part One: COVID-19 Basics Recording

Part One training will include:

- COVID-19 Basics
  - Background
  - Signs & Symptoms
  - Transmission
  - Defining Close Contact
- Vaccination
- Isolation & Quarantine
  - Calculations & Guidance

Part TWO: COVID-19 Labs & Case Investigation  (Oct. 12, 2021)

- Part TWO: COVID-19 Labs & Case Investigation Slides
- Part TWO: COVID-19 Labs & Case Investigation Recording

Part Two: Case Investigation will include:

- Review of Part 1 Key Concepts
  - Your FAQs
- Laboratory Testing for COVID-19
  - PCR, Antigen, and Serology (antibody)
  - Home Tests
  - Sequencing for Variant Identification
- Case Investigation
  - The Interview Tool
- Contact Tracing and Notification
  - Contact Identification Forms
- Key Resources

New and onboarding staff are encouraged to review these trainings. You do not have to be a MAVEN user.
Summary of Key Guidance & Tools

- MA Testing Guidance: Updated June 14, 2021
  - [https://www.mass.gov/info-details/covid-19-testing-guidance](https://www.mass.gov/info-details/covid-19-testing-guidance)

- MA Travel Information
  - Return to normal travel recommendations for vaccinated people, and says to check CDC pages for the latest on domestic and international travel.

- Isolation & Quarantine Guidance Documents
    - Update: Abbott BinaxNOW no longer specified for antigen testing out of strict quarantine.
    - Guidance states recently recovered (in first 90 days) and fully vaccinated people do not need to quarantine.

- Date: March 8, 2021 – Occupational Exposure & Return to Work Guidance
  - Now includes language about recently recovered and fully vaccinated people.

- Pediatric Clinical Testing Advisory
  - 11/25/2020 Advises Pediatricians to Test for COVID-19 in all patients with symptoms compatible with COVID, regardless of age

- Date: 10/13/2021 COVID-19 Testing Scenarios FAQ
  - Describes different lab test results and what to do
  - Outlines discordant results and what they mean

- 09/03/2021 Updated COVID-19 Case Classification Manual
  - COVID-19 now 90 days (so new event will be generated with a new positive lab after 90 days)

- Updated 9/3 with new 90-day COVID event time period!
- NEW Lab Results FAQ!!! 10/13/21
- Helpful to get Docs to test Kids
- Updated Quarantine Guidance 9/29/21!
- Updated in June
- MA Travel Advisory is Gone.
Summary of Key Guidance & Tools

Date: 8/22/2020 - MDPH COVID-19 PCR and Antibody Testing Public Health Response Recommendations
• Table describes different Public Health Actions based upon different testing results.
• Big take home: PCR & Antigen positive patients should be treated like cases.
• Serology positive cases do not require public health follow-up.

Date 8/10/2020 - MDPH Follow-up Table for Positive Antigen Test Results
• Reminder that while Antigen Tests = Probable, we still treat like a case and isolate accordingly & do contact tracing.
• A PCR obtained at the same time (w/i 2 calendar days) will trump the antigen test result.

Date: 09/14/2021 - Ending Isolation and Precautions for People with COVID-19: Interim Guidance
• 10 Day Isolation Period now has more data supporting it.
• Ignore most additional PCR tests up to 3 months after initial illness onset.
• No need to quarantine up to 3 months after initial illness onset.
CDC Updated Pages

- CDC Vaccines Guidance Page:
  - “Interim Clinical Considerations for Use of COVID-19 Vaccines Currently Authorized in the United States”
    - Everything you need to know regarding vaccination guidelines.
      - Who should get what vaccine?
      - Timing of vaccines.
      - Recommendations for additional doses or boosters for different populations.
      - Contraindications and precautions.
      - Vaccine ingredients.
      - Administration of Vaccines (how to, what to use, etc.)
    - This is a living document that gets updated as recommendations are adopted and refined.

- Immunization Action Coalition (IAC)’s Ask the Experts page
  - https://www.immunize.org/askexperts/experts_cov.asp
    - Great resource for all your vaccine questions in a Q&A format.
    - Not yet updated regarding booster doses, but will be a great tool shortly.

- CDC guidance on VACCINATED PEOPLE:
  - Interim Public Health Recommendations for Fully Vaccinated People
    - Talks about what precautions are still needed for fully vaccinated people, etc.
    - Some recommendations are still under consideration here in MA.
Updates – A quick recap for Oct. 19, 2021

We Last Met September 28, 2021:

- MAVEN Updates
- Empowerment at the Local Level
- Close Contact Reminders
- DESE School Updates & Reminders
  - DESE Materials & Key Resources
  - Updated Mask Order
- Sports – Where are we at this season?
  - Your FAQs
- Childcare/Daycare Settings
- Your FAQs

  - Part One: COVID-19 Basics Slides
  - Part One: COVID-19 Basics Recording

Part TWO: COVID-19 Labs & Case Investigation (Oct. 12, 2021)
  - Part TWO: COVID-19 Labs & Case Investigation Slides
  - Part TWO: COVID-19 Labs & Case Investigation Recording


Always Remember you can see all previous webinar recordings and slides in MAVEN Help.
Better Wording in Quarantine Guidance on MASS.GOV for Fully VACCINATED Close Contacts

• The PDF quarantine documents and the full Quarantine page have been updated (with a date of September 29, 2021).

  • “Even if you are not required to quarantine because you are fully vaccinated or because you have had COVID-19 in the last 90 days, you should still monitor for symptoms of COVID-19 for 14 days following an exposure. If you experience symptoms, separate yourself from others, seek testing, and contact your healthcare provider.” - updated Quarantine Guidance 9/8/21

• NEW: Abbott BinaxNOW no longer specified for use as the antigen test when exiting strict quarantine early on Day 8. - updated Quarantine Guidance 9/29/21
## Options for Shortened Strict Quarantine Period

<table>
<thead>
<tr>
<th>OPTIONS</th>
<th>CRITERIA</th>
<th>ACTIVE MONITORING</th>
<th>RESIDUAL RISK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>7 Days of Strict Quarantine</strong></td>
<td><strong>Release on Day 8 after last exposure IF:</strong></td>
<td>Individual must actively monitor symptoms and take temperature once daily. If even mild symptoms develop or the individual has a temperature of 100.0 F, they must immediately self-isolate, contact the public health authority overseeing their quarantine and get tested.</td>
<td>Approximately 5% residual risk of disease development</td>
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<td>• A test (either PCR or <strong>antigen</strong>) taken on Day 5 or later is negative; AND</td>
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<td>• The individual has not experienced any symptoms up to that point; AND</td>
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<td></td>
<td>• The individual conducts active monitoring through Day 14</td>
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<tr>
<td></td>
<td><strong>Release on Day 11 after last exposure IF:</strong></td>
<td>No additional active monitoring required</td>
<td>Approximately 1% residual risk of disease development</td>
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<tr>
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<td>• The individual has not experienced any symptoms up to that point; AND</td>
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<tr>
<td></td>
<td>• The individual conducts active monitoring through Day 14.</td>
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<td></td>
<td>• No test is necessary under this option</td>
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<tr>
<td><strong>10 Days of Strict Quarantine</strong></td>
<td><strong>Release on Day 15 after last exposure IF:</strong></td>
<td>No additional active monitoring required</td>
<td>Maximal risk reduction</td>
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<tr>
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<td>• The individual has experienced ANY symptoms during the quarantine period EVEN if they have a negative COVID-19 test; OR</td>
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<td></td>
<td>• The individual indicates they are unwilling or unable to conduct active monitoring.</td>
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Specific “BinaxNOW” Antigen Test is no longer required
COVID-19 Testing Frequently Asked Questions

• The testing FAQ has been updated with more information on testing scenarios and interpreting results, discordant labs, etc. Please take a look.

• COVID-19 Testing FAQs Ver 2.0 Oct 13, 2021

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Serologies ............................................................................................. 10
Variants and Whole Genome Sequencing ............................................ 10
MAVEN Wizard Updates

- COVID-19 Events in MAVEN now have a **NEW Contact Notification Wizard**!

  - This should simplify data entry and help you distinguish needed variables for contacts vs. needed variables for cases.

  - Data Entry for contact events is really very minimal and use of the Contact Notification Wizard will help you zero in on those most applicable to the notification.
Contact Monitoring

Question Package

• This Question Package was due for an overhaul.

• It was originally designed prior to the pandemic when we were predominately monitoring returning travelers (and did not yet have local cases or transmission).

• Additionally, this question package couldn’t track multiple exposures and quarantines over time.
  • Some of this has been resolved due to the new 90 day event time period, but now we have added additional repeat options for new exposures within the 90 day window.

• Quarantine now has multiple exemptions. These can also be noted in the updated question package.
Contact Monitoring Question Package

- Many of these questions are no longer applicable at this stage of the pandemic, but could not be removed entirely from this question package for various reasons.

- However, the Contact Notification Wizard has been designed with a simplified approach in mind.

- Resultingly, particularly for CONTACTS, the wizard may be the most efficient way to view and enter contact data.
Contact Monitoring Question Package

- **Monitoring Status:**
  - **Completed:** you have completed your notification and are no longer following up with this contact.
    - Select COMPLETED also for contacts that you have determined are exempt from quarantine.
  - **In Progress:** you are still monitoring this contact.
  - **Transferred:** You have updated the address to OUT OF STATE and MDPH will contact the out of state jurisdiction. (you should notify in-state town transfers directly and do not need to use Transferred.)
  - **Lost to Follow-up:** You are not able to contact this individual to provide notification.
  - **Other:** other outcome. (Quarantine exempt individuals should be marked COMPLETED.)
Contact Monitoring Question Package

- **Exposure Dates:**
  - **Latest Exposure Date:** This grayed out variable will be auto-filled in by the most recent exposure.
  - **Last Potential Exposure date:** Day 0 of exposure for this contact.
    - The first option is for the first exposure. If there are additional exposures in the 90 days, you can select Exposed again? = Yes, and additional question blocks will appear each time.

New Entries will appear down here. The top LATEST Exposure Date Variable will update with most recent date.
Contact Monitoring Question Package

- **Quarantine Options:** Select intended quarantine option or quarantine exemption.
  - 14 Day Strict Quarantine.
  - 10 Day Strict Quarantine.
  - 7 Day Strict Quarantine.
- **Recovery Exemption:** Contact is within 90 days of recent diagnosis.
- **Fully Vaccinated Exemption:** Contact was fully vaccinated (≥ 14 days from date of final dose) prior to exposure.
- **Other:** Other exemptions – you can put DESE exemptions here or other situations as they evolve.
Contact Monitoring Question Package

- **Symptomatic at Notification?**
  - When you notified this contact, were they experiencing symptoms at that time?
    - This can take the place of an ‘assessment.’
    - Local jurisdictions establish their own expectations for further following after notification, however MDPH does not expect routine follow-up after completion of the initial notification.

- **Did contact receive official notification of isolation or quarantine requirements?**
  - This is for your local notification.
    - Can be official MDPH guidance or simplified local version of this document or your local
Contact Monitoring Question Package

**Monitoring Period:**

- First and Last day
- Can be 14 days or if you are establishing a shortened strict quarantine period for this contact, you can note that as well.
Contact Monitoring Question Package

• **Assessment Monitoring:**
  - These assessments are not required.
    - They are only intended for CONTACTS.
    - Symptoms experienced by cases should be documented in the CLINICAL question package.

• **Assessment Outcome** Options have been expanded.
Example Fully Vaccinated Contact

- **Update Monitoring status:** Completed
  - You don’t have to continue monitoring them as long as they received their notification and know:
    - What symptoms to watch for.
    - Where to go for testing.
Example 7-day Strict Quarantine Option

- **Update Monitoring status:**
  - **Completed:** Once you are done monitoring.
  - **In Progress:** If you are keeping an eye on them or have not yet established contact, mark In Progress until you are signing off.

- **Last Day of Required Monitoring:**
  - Can default to 14 days or utilize abbreviated strict quarantine option. Local choice.
Question Packages Reminder

- Question Package 6 is for Contacts.

- Some LBOH were using the variables previously to track their cases and enter in symptoms (incorrectly) in the monitoring, instead of the Clinical Question Package.

- Separating out the Contact Monitoring Questions and removing them from the CASE wizard will hopefully eliminate this issue.
YOU HAVE A QUESTION
I HAVE AN ANSWER.