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

Tools for LBOHs

November 24, 2020

Hillary Johnson, MHS, Coordinator, Pandemic Response Team
Alex DeJesus, MPH, CIC, Infectious Disease Epidemiologist
Ally Hunt, MPH, Infectious Disease Epidemiologist
Scott Troppy, MPH, PMP, CIC, Surveillance Epidemiologist

Epidemiology Program | Bureau of Infectious Disease and Laboratory Sciences
MA Department of Public Health
Topics Today

• CTC Update with John Welch (2 slides)
• MAVEN Online Status Map – 2 towns to go!
• COVID-19 Immediate Workflow
• Key Documents
• Quick Friday Office Hours FAQ
• Updated Quarantine Guidance
• MAVEN Updates
  • New Release last Thursday
    • Mostly New Risk QP 5 Questions
    • Occupation: New “Date Last Worked” variable added
    • Label Change: “Hispanic, Latinx, or Spanish origin”
    • Capture Disclosed Disability Question
  • New Interview Tool V-5!
  • New Contact Identification Tool
    • 1 Contact/Page Version
    • 2 Contacts/Page Version
• Your Questions

If American Girl were to release their 2020 doll of the year. This is what I envision...

“Home School Heather”
Tuesday Webinars for COVID-19 Case Investigation and Follow-up

Tuesdays @ 11am


NEW! MAVEN Office Hours w/Hillary & Scott:
Fridays 11:00-12:00

- Open Q&A. Not a formal presentation.
- Send us your questions or ask us live.
- No requirement to attend. Pop in, pop out.
- You’ll need to register via Scott’s email.

MAVEN Help has Guidance Documents and Previous Webinars:

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
MDPH Food Protection Program: 617-983-6712
CTC Help Desk: 857-305-2828
Email: COVID19CommunityTracingCollaborativeQuestions@mass.gov
CTC Supervisor Contact List
Higher Ed Contact List
New Cases to CTC | Daily + 7 day average @ 11/21
<table>
<thead>
<tr>
<th>Training Dates</th>
<th>Production Date</th>
<th>Target Addition</th>
<th>Started Training</th>
<th>Started Training Vs. Target</th>
<th>Actual Addition to Production</th>
<th>Addition to Production Vs. Target</th>
<th>Current Headcount</th>
<th>Status</th>
<th>Additions by Role</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>FTE: 70</td>
<td>FTE: -12</td>
<td></td>
<td></td>
<td>564.6</td>
<td></td>
<td>Care Resource Coordinators: 8</td>
</tr>
<tr>
<td>October 26-29</td>
<td>October 30</td>
<td>Target: 100 FTE</td>
<td>HC: 111</td>
<td>HC: +11</td>
<td>HC: 86 FTE: 86</td>
<td>FTE: -14</td>
<td>HC: 694</td>
<td>Complete</td>
<td>Contact Tracers: 11</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>FTE: 111</td>
<td>FTE: +11</td>
<td></td>
<td></td>
<td>599.5</td>
<td></td>
<td>Care Resource Coordinators: 10</td>
</tr>
<tr>
<td>November 2-5</td>
<td>November 6</td>
<td>Target: 250 FTE</td>
<td>HC: 218</td>
<td>HC: -32</td>
<td>HC: 181 FTE: 179.5</td>
<td>FTE: -70.5</td>
<td>HC: 757</td>
<td>Complete</td>
<td>Contact Tracers: 85</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>FTE: 216.5</td>
<td>FTE: -33.5</td>
<td></td>
<td></td>
<td>667.8</td>
<td></td>
<td>Care Resource Coordinators: 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>FTE: 316.5</td>
<td>FTE: -33.5</td>
<td></td>
<td></td>
<td>827.2</td>
<td></td>
<td>Care Resource Coordinators: 10</td>
</tr>
<tr>
<td>November 22-25</td>
<td>November 30</td>
<td>Target: 350 FTE</td>
<td>HC: 475</td>
<td>HC: +125</td>
<td>HC: TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>Planned</td>
<td>TBD</td>
</tr>
<tr>
<td>November 30-December 3</td>
<td>December 4</td>
<td>Target: 500 FTE</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
</tr>
<tr>
<td>December 7-10</td>
<td>December 11</td>
<td>Target: 500 FTE</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
</tr>
</tbody>
</table>
Updates for today, Tuesday, 11/24/2020

- **MAVEN Status Map** – two towns offline
  - New Ashford and Warwick

- **LBOH Immediate Workflow** – COVID-19 event only – please check your workflow **TODAY** and clear out the workflow

- **Request for completing tasks** – check your workflows (fellow LBOH users)

- **Risk, Transmission and Behavior Questions (Release Thursday)**
  - Relabel “**Is case Hispanic, Latinx or Spanish origin**” in the Demographic Question Package.
  - Add a new question “**Date last worked**” in the Demographic Question Package.
  - Add a new disability question “**Has the individual disclosed living with a disability**” to the Demographic Question Package.
MAVEN Status Map as of 11/24/2020

- New Ashford
- Warwick
Immediate Notification workflow (COVID-19 Only)

- **UPDATE:** COVID-19 Immediate Notification Workflow - 3,033 events in this workflow today
  - 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 Steps 2 (Investigation Started) & 3 (LBOH Investigator (name, lboh, phone number))
  - When you are done then complete Steps 4 (CRF Complete) & 5 (Final Review)
Summary of Key Guidance & Tools

- **Date: 8/9/2020: Updated Isolation Guidelines Documents**
  - Translations Pending

- **Date: 11/18/2020 Updated Quarantine Guidance Doc:**

- **Date: 8/9/2020: Isolation Guidance Document**

- **Translations Pending**

- **Date: 10/21/2020 COVID-19 Testing Scenarios FAQ**
  - Describes different lab test results and what to do
  - Outlines discordant results and what they mean

- **10/13/2020 - Calculating Your Community Threshold red/yellow/green Status Tool:**

- **9/2/2020 Updated COVID-19 Case Classification Manual**
  - Serology positive labs are now classified as “suspect” cases.

- **Date: 8/22/2020: - 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 + cases no longer require public health follow-up.

- **Date 8/10/2020: Follow-up for Positive Antigen Test Results**
  - [http://www.maventrainingsite.com/maven-help/pdf/Antigen%20Results%20Follow-up%20Guidance_ver1.0_August_10.pdf](http://www.maventrainingsite.com/maven-help/pdf/Antigen%20Results%20Follow-up%20Guidance_ver1.0_August_10.pdf)

- **Date: 8/7/2020: Updated MA Testing Guidance**
  - Update says to get a PCR with ANY Antigen test
  - Also says no need to test again in 90 days after initial diagnosis.
Summary of Key Guidance & Tools

- **Date:** 7/24/2020 - Gov. Baker issued [COVID-19 Order No. 45](https://www.mass.gov/forms/massachusetts-travel-form) which issues a mandatory 14 day quarantine period for travelers to MA (including MA residents who traveled outside of MA and are returning).
  - If travelers (including returning MA residents) don't fit into one of the 3 Exemption Categories, must quarantine.
  - There is a form to fill out online. [https://www.mass.gov/forms/massachusetts-travel-form](https://www.mass.gov/forms/massachusetts-travel-form)
  - A negative PCR test within 72 hours of travel can excuse you from quarantine.

- **Date:** Aug 16, 2020 – Updated CDC Guidance on Duration of Isolation & Precautions for Adults with COVID-19
  - 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.

- **Date:** May 7, 2020 – Occupational Exposure & Return to Work Guidance

---

**More Updated FAQs. Check them out!**

**We do not yet have an updated State Doc reflecting this. But you should use this CDC updated guidance for isolation periods.**

**A bit outdated after the new CDC guidance.**
Updates – A quick recap for 11/24

11/17 – last week we discussed the following:

• MAVEN Updates
• Key Documents
• Last Week’s Recap
• Quick Friday Office Hours FAQ
• Travel
• Sports
• Clusters
• Your Questions

Friday Office Hours: Interjurisdiction Notification

- **Scenario 1) COVID-19 case with an out of state address in the official address tab**
  - ISIS will send automatically

- **Scenario 2) MA cases and MA contacts that are isolating/quarantining out of state.**
  - Notifications for Scenario 2 falls to the Division of Epidemiology (not ISIS). One of our Epis identifies MA cases and contacts that are isolating/quarantining out of state and notifies the other state health departments, but we need YOUR help to make this process easier!

- **Scenario 3) Close Contact of a MA COVID-19 case with an out of state address in the official address tab**
  - Notifications for Scenario 3 falls to the Division of Epidemiology (not ISIS).
Case Shows Up in Your Workflow, but Should be Counted as an Out of State (OOS) Case

If you obtain information regarding a case that should actually be counted out of state (ex., out of state college student put their MA parents’ address on their lab test, or out of state resident gets tested here in MA while on vacation, etc.)

• ADDRESSES:
  • Official Address (in Demographic question package) = update to usual residence (their official address). Make sure to select “official address” – 2 step process.
  • Participant’s Tab address = where the case or contact is currently located (this could be a local address if they are isolating in your town but still officially should be counted elsewhere.)

• Case will go into a workflow for ISIS to send to other state, along with any notes, and they will revoke the case status (so it doesn’t get counted in MA). If you still need to enter notes (if you are monitoring during isolation), email isishelp@mass.gov the MAVEN ID and say to reopen case so you can update.
MA cases and MA contacts that are isolating/quarantining out of state (OOS)

If you obtain information regarding a MA case or contact isolating/quarantining OOS, please complete the following variables in MAVEN:

• If a case: *Symptom Onset Date* (if applicable)
• If a contact: *Last Potential Exposure Date* (in the Contact Monitoring question package)
• ADDRESSES:
  • Official Address (in Demographic question package) = usual residence (their MA address)
  • Participant’s Tab address = where the case or contact is currently located
  • *Contact Monitoring Status* (in the Contact Monitoring question package) = “Transferred”

If Contact Monitoring Status = Transferred, then the appropriate state will be notified.
Close Contact of a MA COVID-19 Case with an Out of State (OOS) Address

If you obtain information regarding a contact that resides in another state, please complete the following variables in MAVEN:

1. *Last Potential Exposure Date* (in the Contact Monitoring Question Package)
2. Official address (in Demographic Question Package) = out of state address

If the OFFICIAL ADDRESS is an out of state address, then the contact will be sent to the appropriate state health department.
Contacts in Quarantine

Day 7 at home and the dog is looking at me like, “See? This is why I chew the furniture.”
Updated Quarantine Guidance

- **Updated Quarantine Guidance**
  - National conversations about whether there needs to be a 14 day quarantine period for COVID
  - Fair amount of data is that day 5 is average incubation period (4-6 days peak)
    - Accumulated to show the proportion of people who are exposed who develop disease after day 9 is vanishingly small, while it happens it is a tiny fraction.
  - Moving to something more evidence based
- **What changed**
  - Can still follow 14 day quarantine however, option to get PCR test on day 8 or later of quarantine period. As long as you have not developed symptoms and PCR comes back negative, can be released from quarantine after 10 day.
  - Should still monitor symptoms for the 14 days and if they develop symptoms, call your ordering provider and obtain testing.
Governor Baker’s Quarantine Update

While the initial guidance to quarantine for 14 days after exposure still stands, this additional guidance will allow those who have been exposed to COVID to test out of quarantine after 10 days if they meet ALL of the following parameters:

- you have not had, and do not have, any symptoms;
- you are tested on day 8 of your quarantine period or later using a molecular diagnostic test (e.g., polymerase chain reaction (PCR)) to detect the presence of the virus;
- you receive a negative test result; and
- you monitor yourself for symptoms for the full 14 days. If you develop symptoms you should contact your health care provider and be re-tested.

MAVEN Help has been updated with the new Information and Guidance for Persons in Quarantine due to COVID-19. It is also available here:

Governor Baker’s Quarantine Update

MAVEN Help has been updated with the new Information and Guidance for Persons in Quarantine due to COVID-19. It is also available here: https://www.mass.gov/guidance/information-and-guidance-for-persons-in-quarantine-due-to-covid-19
Travel order – No Change

• There has been **no change** to the COVID-19 Travel Order
• All visitors entering Massachusetts, including returning residents, who do not meet an exemption, are required to:
  • Complete the Massachusetts Travel Form prior to arrival, unless you are visiting from a lower-risk state designated by the Department of Public Health.
  • Quarantine for 14 days or produce a negative COVID-19 test result that has been administered up to 72-hours prior to your arrival in Massachusetts.
  • If your COVID-19 test result has not been received prior to arrival, visitors, and residents must quarantine until they receive a negative test result.
Q. 14. I am traveling to MA from a non-lower-risk state and do not meet an exemption criteria. I previously had COVID-19, I isolated pursuant to CDC guidelines and was released from isolation, do I still need to quarantine or meet the testing rule?

A. Yes. You must quarantine upon arrival or meet the testing rule.

- If you took a test within 72 hours of your arrival and it came back positive due to your previous infection, you can use the positive test result plus a note from your doctor documenting your previous diagnosis and recovery to satisfy the testing rule.

  - In Layman’s terms: If the previously positive traveler has another positive PCR test, the doctor’s note would indicate that this current positive is not evidence of active infection, but rather persistent viral shedding. The doctor’s note provides proof that the traveler is no longer infectious since they had previously isolated and are now in recovery.
Calculating Quarantine Period

**Traditional Quarantine Period:** 14 Days from Exposure, Returning to Activities on Day 15

- **Things to Note:**
  - Use full calendar Days, not times of day.
  - Exposure = Day 0.
  - Quarantine is Day 1-Day 14
  - Exit Quarantine on Day 15 (Remember Day 14 is a FULL DAY IN Quarantine)

- If Contact tests positive, they SWITCH from Quarantine to new Isolation Period and their Isolation Period is calculated separately based upon symptom onset and/or date of positive test, regardless of time spent in quarantine first.
Calculating Quarantine Period

**Traditional Quarantine Period:** 14 Days from Exposure, Returning to Activities on Day 15

11/18/2020 Updated MDPH Quarantine Guidance: Asymptomatic Contacts in Quarantine now have an **option** to test out of quarantine (Could Exit Day 11 – Day 14)
**Calculating Quarantine Period: Updated**

11/18/2020 Updated MDPH Quarantine Guidance: Asymptomatic Contacts in Quarantine now have an option to test out of quarantine (Could Exit Day 11 – Day 14)

<table>
<thead>
<tr>
<th>Day 0</th>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
<th>Day 4</th>
<th>Day 5</th>
<th>Day 6</th>
<th>Day 7</th>
<th>Day 8</th>
<th>Day 9</th>
<th>Day 10</th>
<th>Day 11</th>
<th>Day 12</th>
<th>Day 13</th>
<th>Day 14</th>
<th>Day 15</th>
</tr>
</thead>
<tbody>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
<tr>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
<td>🚨</td>
</tr>
</tbody>
</table>

If an asymptomatic contact wishes to test out of quarantine prior to the traditional 14 days, the following applies:

- **Must stay in Quarantine at least 10 days**, provided all of the following are satisfied:
  - Have not had, and do not have, any symptoms;
  - Are tested on Day 8 of quarantine period or later using a molecular diagnostic test (e.g., polymerase chain reaction (PCR)) to detect the presence of the virus;
  - Receive a negative test result; and,
  - Contact must continue monitor self for symptoms for the full 14 days. If they develop symptoms, they should contact health care provider and be re-tested.
- This testing method is an OPTION, but 14-Day standard quarantine still otherwise applies.
**Calculating Quarantine Period: Updated**

**11/18/2020 Updated MDPH Quarantine Guidance:** Asymptomatic Contacts in Quarantine now have an option to test out of quarantine (Could Exit Day 11 – Day 14)

**Testing out still requires quarantine for 10 FULL DAYS (exit day 11):**

- The Negative PCR must be collected Day 8 or later (not Day 7).
- You cannot Exit Quarantine before Day 11
- You cannot Exit at Day 11 if negative results have not been received. You have to wait for results.
- LBOHs should require verification of negative PCR results, not just verbal from contact (ex, MAVEN, copy from patient, phone call to ordering provider, etc.)
- LBOH can sign off on Contact’s Quarantine at Day 11 and do not need to continue monitoring through Day 14.
Some Data Looking at Shorter Quarantines & Testing at Exit – more to come

Optimal COVID-19 quarantine and testing strategies, Wells et al.

- A reduced probability of post-quarantine transmission when testing on exit compared to testing on entry.
- By augmenting quarantine with molecular testing, the quarantine duration can be substantially shortened from the recommended 14-day period, while attaining a similar level of risk.
- The results from this analysis are supported by data of quarantined crew members of an offshore oil facility. doi: https://doi.org/10.1101/2020.10.27.20211631

Strategies to reduce the risk of SARS-CoV-2 re-introduction from international travelers, Clifford et al.

- While a 14-day quarantine will likely prevent most transmission from travelers, an 8-day quarantine (with testing on day 7) can capture as many infectious persons in approximately half the time. https://doi.org/10.1101/2020.07.24.20161281
Friendly Reminder Regarding quarantine

• Although you can get tested on Day 8 you are NOT released from quarantine until you have received your negative result.

• Quarantining for at least 10 days means that the close contact would need to quarantine through Day 10 and can return to the community on Day 11.
  • Provided that they have received their negative test result in time.
8/10 Quarantine Rule Notes

• Does not apply to:
  • Residents in a Long Term Care Facilities & Rest Homes who are under quarantine
  • Travel Order

• Can apply to healthcare personnel who are asked by their facility to quarantine due to having a confirmed case of COVID-19 in their household.

• Students, etc., could return to activities Day 11 under the new 8/10 Rule.
YOU HAVE A QUESTION
I HAVE AN ANSWER.
MAVEN – Updates Last Week 11/19/2020

- Relabeled “Is case Hispanic?” as “Is case Hispanic, Latinx, or Spanish origin?” in the Demographic question package
- Added a new question “Date last worked” in the Demographic question package
- Added a new question to capture disability: “Has the individual disclosed living with a disability?” and a question to specify the type of disability in the Demographic question package
- Added additional questions on known exposures to confirmed cases of COVID-19 and activities in the 14 days prior to infection
  - Risk Question Package 5
  - COVID-19 Case Investigation Wizard.

This is what we shall discuss today.
Is case Hispanic, Latinx, or Spanish origin?

- Relabeled “Is case Hispanic?” as “Is case Hispanic, Latinx, or Spanish origin?” in the Demographic question package.
Has the individual disclosed living with a disability?

- Added a new question to capture disability: “Has the individual disclosed living with a disability?” and a question to specify the type of disability in the Demographic question package.
Date last worked

- Added a new question “Date last worked” in the Demographic question package
New Risk Questions! Yay!

• This will help us track which behaviors are leading to the spread of COVID-19 in MA.
• This will better track exposures and transmission in Schools, Daycares, and Congregate Settings.
• This will help us better identify those cases that began as named Contacts and then became Confirmed Cases.
• There are lots of new questions, but NOT ALL require an answer. Only some will be applicable to your case.
• We have an updated interview tool to guide you!
  • AND updated Contact Identification Form!
    • In fact, I made two!
Use the Interview Tool to Guide You

- Page 1 Covers the Confirmed/Probable Case and their Clinical Symptoms, Complications, and occupation/employment.

- We are trying to determine good contact information, work exposures, severity of illness, and if there are certain affected populations.
Page 2 collects Risk History and asks some key questions up top. Answers to these questions will inform which remaining sections in the Interview (Risk QP 5) need completion.

**Yes to Travel:** Complete Travel Questions.

**Starting as a Contact in Quarantine (Per MDPH):**
- **YES:** Complete Known Close Contact Exposure Questions
- **NO:** Complete Activities Questions (P4)

**Other Possible Risk Settings:**

**Congregate Group Settings** (ex., nursing homes, hospitals, jails, etc.)?: **YES**, complete Group Setting Questions

**Child care Programs/K-12 school** (includes daycare, preschool, before/after school care, and K-12 school)?: **YES**, complete Daycare/School-Aged Childcare/K-12 Questions below.

**College/university or Boarding School Affiliation?**
If **YES**, complete College/University and Boarding School Questions
Most of Risk QP5 Questions focus on the 14 days prior to disease – we are trying to figure out risk activities.

Once these key questions are completed in MAVEN, relevant follow-up questions will open up. Many of the risk section questions require a Yes or No to appear.
Use the Interview Tool to Guide You

Page 2:

- **Key Required Questions (up top)**
  - These drive the other required sections.
- **Travel**
- **Known Close Contact Exposure**
  - For when your case started out as a contact event in MAVEN.
Use the Interview Tool to Guide You

Page 3:

- **Group Settings (ex: Nursing homes, rest homes, hospitals, jails, etc.)**
- **Daycares/School-Aged Childcare/k-12 Schools**
- **College/University and Boarding Schools**

- These sections only need to be completed if the case is affiliated with one of them. If not, leave blank!
Use the Interview Tool to Guide You

<table>
<thead>
<tr>
<th>Group Setting Questions - Daycare/School-Aged Childcare/K-12 Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete if case is employed or enrolled at a child care program or K-12 school (includes daycare, preschool, before/after school care, and K-12 school)</td>
</tr>
<tr>
<td><strong>School Program Type:</strong></td>
</tr>
<tr>
<td>□ Daycare</td>
</tr>
<tr>
<td>□ School-Aged Childcare (K-12)</td>
</tr>
<tr>
<td>□ School (Elementary/Middle)</td>
</tr>
<tr>
<td>□ School (Secondary/Vocational)</td>
</tr>
<tr>
<td>□ Unk</td>
</tr>
<tr>
<td><strong>School Type:</strong></td>
</tr>
<tr>
<td>□ Public</td>
</tr>
<tr>
<td>□ Private</td>
</tr>
<tr>
<td>□ Charter</td>
</tr>
<tr>
<td>□ Special Education</td>
</tr>
<tr>
<td><strong>Child Care Program or School Name:</strong></td>
</tr>
<tr>
<td>____________________________________________________________</td>
</tr>
<tr>
<td>MA City/Town: ____________________</td>
</tr>
<tr>
<td><strong>When was the case at the child care program or school?</strong></td>
</tr>
<tr>
<td>□ Incubation Period* □ Infectious Period**</td>
</tr>
<tr>
<td>□ Both □ Unk</td>
</tr>
<tr>
<td><strong>Did case have close contact with others in this setting while infectious?</strong> (Have close contacts been identified?)</td>
</tr>
<tr>
<td>□ Yes □ No □ Unk</td>
</tr>
</tbody>
</table>
| *Incubation Period: The 14 days prior to symptom onset date, or if never symptomatic, the date of positive specimen.  
**Infectious Period: Begins 2 days prior to symptom onset (or date of specimen collection if never symptomatic) through the 10 days thereafter. |
Use the Interview Tool to Guide You

Page 4:

• **General Activities & Settings Questions**
  • This section only needs completion if the case wasn’t a known contact prior to becoming infected.
  • This page tries to capture what a case may have been doing in the 2 weeks prior to their illness.
  • Where might they have gotten COVID-19?
Use the Interview Tool to Guide You

- Page 5 helps describe what is considered “Close Contact” and helps you and the Case brainstorm different categories of interactions with people that might have led to exposures.

- We are trying to determine who should be notified. Where might this case have exposed others?

THINK ABOUT CONTACTS.
Use the Interview Tool to Guide You

• Pages 6 & 7 are updated instructions and key information to help you.

• Page 6: Descriptions on how to calculate infectious period and quarantine.
  • Describes updated quarantine guidance.

• Page 7: Extra Notes Page & Table to help you calculate the infectious/isolation period for your contact.
Use the Interview Tool to Guide You

- Page 7: Extra Notes Page & Table to help you calculate the infectious/isolation period for your contact.

### COVID-19 Interview Tool for Confirmed & Probable Cases and Identifying Their Contacts (Ver 5.0 November 21, 2020)

#### Additional Notes Page:

**Infectious Period Estimation Tool**: Use this table to estimate a case's infectious period and when they can likely exit isolation (Day 11).

- **Symptomatic Cases**: The infectious period begins two days before symptom onset through 10 days after, with the day of symptom onset as Day 0. (Symptoms must have resolved 24 hours prior to exiting isolation as well.)
- **Asymptomatic Cases**: The infectious period begins two days before positive test collection date through 10 days after, with the day of specimen collection as Day 0.

#### Example:

<table>
<thead>
<tr>
<th>Infectious Period start (Day -2)</th>
<th>Day -1</th>
<th>Day 0</th>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
<th>Day 4</th>
<th>Day 5</th>
<th>Day 6</th>
<th>Day 7</th>
<th>Day 8</th>
<th>Day 9</th>
<th>Day 10</th>
<th>Day 11</th>
<th>Last Day</th>
<th>Exit</th>
</tr>
</thead>
</table>

Note Isolation/Infectious Period below in chart for reference during interview.

#### Key Dates for Current Case:

<table>
<thead>
<tr>
<th>Infectious Period start</th>
<th>Onset or Test Date</th>
<th>Last Day</th>
<th>Exit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day -2</td>
<td>Day -1</td>
<td>Day 0</td>
<td>Day 1</td>
</tr>
<tr>
<td>Day 1</td>
<td>Day 2</td>
<td>Day 3</td>
<td>Day 4</td>
</tr>
<tr>
<td>Day 5</td>
<td>Day 6</td>
<td>Day 7</td>
<td>Day 8</td>
</tr>
<tr>
<td>Day 9</td>
<td>Day 10</td>
<td>Day 11</td>
<td></td>
</tr>
</tbody>
</table>

Additional Employer information (Employer, location, date last worked):

Additional Exposures/Activities/Notes:
Use the Interview Tool to Guide You

- Pages 6 & 7 are updated instructions and key information to help you.
Use the Interview Tool to Guide You

P2. The most important “trigger” question is determining if your case started out as an official Contact Event first.

### COVID-19 Interview Tool for Confirmed & Probable Cases and Identifying Their Contacts (Ver 5.0 November 21, 2020)

Possible Sources of Exposure 14 Days Prior to Illness: (These Top Questions will help you fill in the various sections in Risk Question Package 5.)

**Check All Possible Sources of Exposure that Apply to this Case:**
- Yes □ No □ Unk  Did case travel out-of-state or out-of-country during incubation period?
  - If Yes, complete Travel Questions below.
- Yes □ No □ Unk  Was case a known contact to a confirmed case? (Confirmed Source Case Name or Maven ID):
  - If Yes, was case identified for quarantine by a public health official (i.e., began in MAVEN as a Contact)? □ Yes □ No □ Unk
    - If Yes, complete Known Close Contact Exposure Questions below.
    - If NO, complete Activities Questions (P4)
  - If NO or UNKNOWN, case was not a known contact first, complete Activities Questions (P4).

**Other Possible Risk Settings:**
- Yes □ No □ Unk  Is case employed at, live at, or attend a group or congregate care setting (examples, nursing homes, hospitals, jails, etc.)?
  - If YES, complete Group Setting Questions below.
- Yes □ No □ Unk  Is case employed or enrolled at a child care program or K-12 school (includes daycare, preschool, before/after school care, and K-12 school)?
  - If YES, complete Daycare/School-Aged Childcare/K-12 Questions below.
- Yes □ No □ Unk  Is case employed or enrolled at a college/university or Boarding School? (Also includes possible unaffiliated individuals who were exposed to these settings)
  - If YES, complete College/University and Boarding School Questions below.

**General Risk Questions:**
During the 14 days prior to infection, how often did case wear a face covering when interacting with people outside of their household?
- All of the Time □ Most of the Time □ Some of the Time □ None of the Time □ Unk
During the 14 days prior to infection, how often was case able to maintain social distance? (At least 6 feet apart when near someone for 15 minutes or more.)
- All of the Time □ Most of the Time □ Some of the Time □ None of the Time □ Unk
Use the Interview Tool to Guide You

- Yes □ No □ Unk Was Case a known contact to a confirmed case? (Confirmed Source Case Name or Maven ID):_______
  - If YES, Was case identified for quarantine by a public health official (i.e., began in MAVEN as a Contact)? □ Yes □ No □ Unk
    - If YES, complete Known Close Contact Exposure Questions below.
    - If NO, complete Activities Questions (P4)
  - If NO or UNKNOWN, Case was not a known contact first, complete Activities Questions (P4).

The most important “trigger” question is determining if your case started out as an official Contact Event first.
Use the Interview Tool to Guide You

If YES, Was case identified for quarantine by a public health official (i.e., began in MAVEN as a Contact)?

• Complete Known Close Contact Exposure Questions (P2)

If NO or UNKNOWN, Case was not a known contact first,

• Complete Activities Questions (P4).
Use the Close Contact Identification Form to Make Notes on Individual Contacts

Version 1: 1 Contact per page & lots of helpful instruction.

Version 2: 2 Contacts per page (removes instructions)
Use the Close Contact Identification Form to Make Notes on Individual Contacts

• Collect some of the Risk Questions when you are collecting info on a contact.

• This will inform the Risk Question Package ahead of time for if the Contact then becomes a case.
Happy Thanksgiving, Everyone!

I prefer to make my cranberry sauce from scratch! It's my grandma's recipe.

That's nice.