General Overview of Ipswich Release

- General Overview of release
  - Universal updates for all users – page 3
  - Local Boards of Health – page 7
  - Epidemiology and Immunization – page 16
  - Division of Global Populations and Infectious Disease Prevention – page 21
Universal Updates for 6.4.1.6.5.1 MAVEN Release
Global Issues

- Optimize the “Offline and Online LBOH Notification for Routine Disease Events” workflow query (MAEDSS-7655 / MAEDSS 7583)
- Optimize the "Online LBOH Notification for Epi Routine disease" workflow (MAEDSS-7583)
- Update Official City Missing workflow to stateful (MAEDSS-8827)
- Optimize the query in HCV - Miscellaneous CRF Review (MAEDSS-7588)
- Optimize the “PHB - Female 14-44 years of age, labwork needs review” workflow (MAEDSS-7724)
- Optimize the “EDN Record Pending Validation” Workflow (MAEDSS-7920)
- Optimize “CRF needs review – Lyme” workflow (MAEDSS-7608)
- Optimize "Lab Monitor Workflow" (MAEDSS-6351)
- Optimize the “Zoonotic Lab Review” workflow (MAEDSS-6976)
• Add options to the drop down list of address types when you're adding an address in MAVEN or when creating a new event (MAEDSS-8373)
Creating a new event

When creating an event, you will now have expanded options to choose from for address types.

Adding a new address to an existing event

This person has both a home address as well as a university address.

You can choose to edit his home or university address or add a third address type from the expanded list of options.
Local Boards of Health
LBOH

- Master Report Issue for LBJ Release Admin QP Updates (MAEDSS-8884)
  - Update Administrative Question Package for EPI/IMM Model (MAEDSS-8367)
  - Update the Administrative Question Package to mirror IMM/EPI models for TB (MAEDSS-8416)
As of 12/6/2013 - Current Admin Question Package View for LBOH – Six Steps

<table>
<thead>
<tr>
<th>LBOH Admin Question Package (Six Steps)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Step 1</strong> - LBOH notified: Yes</td>
</tr>
<tr>
<td>LBOH notification date: 07/07/2009</td>
</tr>
<tr>
<td><strong>Step 2</strong> - Investigation started: Yes</td>
</tr>
<tr>
<td>Date investigation started: 07/07/2009</td>
</tr>
<tr>
<td><strong>Step 3</strong> - Investigator: Sheila Miller, RN</td>
</tr>
<tr>
<td>Investigator's agency (BOH or Dept): Sharon</td>
</tr>
<tr>
<td>Investigator's phone: (617) 555-1234</td>
</tr>
<tr>
<td><strong>Step 4</strong> - CRF submit date: 07/25/2009</td>
</tr>
<tr>
<td>CRF submitter name: Sheila Miller</td>
</tr>
<tr>
<td>CRF submitter facility: Sharon BOH</td>
</tr>
<tr>
<td>CRF submitter telephone #: (617) 555-1234</td>
</tr>
<tr>
<td><strong>Step 5</strong> - CRF complete: Yes</td>
</tr>
<tr>
<td>CRF complete date: 07/25/2009</td>
</tr>
<tr>
<td>Lost to Follow-up?</td>
</tr>
<tr>
<td><strong>Step 6</strong> - LBOH final review: Yes</td>
</tr>
<tr>
<td>LBOH final review date: 07/28/2009</td>
</tr>
</tbody>
</table>
LBOH Admin Questions Updated

- **Step 1:** LBOH Notified – updated label to LBOH acknowledged
- **Step 2:** Investigation Started – SAME
- **Step 3:** Investigator – updated label to LBOH Agency/Investigator
- **Step 4:** CRF Submit Date – date will be included in Step 5 going forward
- **Step 5:** CRF Complete – updated to reflect that they can be Yes (Completed) or No (Not Completed)
- **Lost to followup** – retired and incorporated into updated Case Report Form Completed question
- **Step 6:** LBOH final review - SAME
New LBOH Admin Question Package for all disease models (5 Steps)

- General Epi, Immunization, and TB disease events will all display the same set of Administrative questions

As of 12/6/2013 – New Streamlined Questions for LBOH – Five Steps

| Step 1 - LBOH acknowledged: | Yes |
| Step 2 - Investigation started: | Yes |
| Help tools for case investigation follow-up | |
| Step 3 - LBOH/Agency Investigator: | Investigator Name Here |
| LBOH/Agency: | Andover |
| LBOH/Agency Investigator phone: | (777) 777-7777 |
| Step 4 - Case Report Form Completed: | Yes |
| Completed by: | Local Board of Health (LBOH) - Ready for MDPH review |
| Step 5 - LBOH final review: | Yes |
| LBOH final review date | 12/06/2013 |
Step 4 – Case Report From Completed as Yes

<table>
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<th>Step 1 - LBOH acknowledged:</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 2 - Investigation started:</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Helpful tools for case investigation follow-up</strong></td>
<td></td>
</tr>
<tr>
<td>Step 3 - LBOH/Agency Investigator:</td>
<td>Investigator Name Here</td>
</tr>
<tr>
<td>LBOH/Agency:</td>
<td>Andover</td>
</tr>
<tr>
<td>LBOH/Agency Investigator phone:</td>
<td>(777) 777-777</td>
</tr>
<tr>
<td><strong>Step 4 - Case Report Form Completed:</strong></td>
<td>Yes</td>
</tr>
<tr>
<td>Completed by:</td>
<td>Local Board of Health (LBOH) - Ready for MDPH review</td>
</tr>
<tr>
<td>Step 5 - LBOH final review:</td>
<td>MDPH Epidemiologist Teleform Other</td>
</tr>
</tbody>
</table>

* Indicates required field

If CRF is completed as **Yes** then you choose completed by from the dropdown list.
Step 4 – Case Report From Completed as No

If CRF is completed as **No** then you choose a primary reason for the case investigation not being competed.

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</table>

**Helpful tools for case investigation follow-up**

<table>
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<tr>
<th>Step 3 - LBOH/Agency Investigator:</th>
<th>Investigator Name:</th>
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<tr>
<td>LBOH/Agency:</td>
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<tr>
<td>LBOH/Agency Investigator phone:</td>
<td>(777) 777-7777</td>
</tr>
</tbody>
</table>

**Step 4 - Case Report Form Completed:** No

- Patient lost to follow-up
- Physician not reachable
- Language barrier
- Inadequate resources at LBOH
- Other

*Indicates required field*
LBOH

- Update Report: “LBOH Count - Events Per Disease and Classification in Jurisdiction” (MAEDSS-8885)
- Update Report “LBOH Basic Line List” (MAEDSS-8883)
- Modify the "Online needs final review" workflow to include events if the answer is Yes or No for CRF Complete? (if Null or No Answer for CRF Complete then they should not populate the workflow) (MAEDSS-8496)
- Modify the "Online LBOH notified but Case Report Forms (CRF) are pending" workflow to exclude events if the answer is Yes or No (if Null or No Answer then they should populate workflow) (MAEDSS-8449)
LBOH

- Hide the following variable "Fax sent to" in the Admin QP for EPI/IMM diseases (MAEDSS-8194)

- Modify the "Online needs final review" workflow to include events if the answer is Yes or No for CRF Complete? (if Null or No Answer for CRF Complete then they should not populate the workflow) (MAEDSS-8496)

- Modify the "Online LBOH notified but Case Report Forms (CRF) are pending" workflow to exclude events if the answer is Yes or No (if Null or No Answer then they should populate workflow) (MAEDSS-8449)
Epidemiology and Immunization
Epidemiology and Immunization

- **Correct error in Lyme Disease Count report** *(MAEDSS-8632)*

  This report was including a column for 2006 data even when that year was not included in the date range parameters. The report has been corrected to pull events based on the `effective_from_date`.

- **Workflows impacted by change in Admin QP LBOH questions for case report form completion and lost to follow-up variables** *(MAEDSS-8509)*

  The following workflows were modified to include events where the administrative question package variable “Step Four: CRF Complete” is marked as “Yes” or “No”:

  - Acute HCV CRF review
  - Acute HBV CRF review*
  - HCV – Miscellaneous CRF review
  - CRF needs review - Active Surveillance
  - CRF needs review - Enteric
  - CRF needs review - Immunization
  - Follow-up Ongoing - Imm Disease
  - Zoonotic CRF needs review

* In addition to the above change, the Acute HBV CRF review workflow was also modified to include events where the clinical question package variable “Is this an acute case of Hepatitis B?” is answered “Yes”.
Immunization

- **MASTER issue to update teleform and workflows for CPOX** (MAEDSS-7836)
- **New Teleform for CPOX to replace existing version in MAVEN** (MAEDSS-7835)
  - This version specifies in the header that shingles should not be reported with the teleform, to increase confidence that cases reported are chickenpox and not shingles.
- **Revise CPOX teleform cover letter** (MAEDSS-8543)
  - Cover letter has been revised to request that physicians respond and notify MDPH when a positive lab is reported and teleform sent out for an individual with shingles or someone tested for varicella immunity only (similar to lyme cover letter).
Immunization

- Create new *varicella workflow*, bulk review to Confirmed (MAEDSS-7027)
  - This workflow will include all cases with a positive lab and with rash='yes' in the clinical question package

- Create new *varicella workflow*, bulk review to Probable (MAEDSS-7026)
  - This workflow will include all cases with rash='yes' and no lab

- Teleform not appending to existing event ID, rather creating a new event with a 'blank' person (MAEDSS-7825)
  - This is a bug fix.
**Immunization**

- **New Labwork Needs Review workflow for IMM diseases** (MAEDSS-7025)
  - This workflow will include all immunization diseases (excluding varicella and influenza) when a new lab has been added to a case more than 15 minutes after the case creation. Events may flow in and out of this workflow multiple times if multiple labs are added. Events will exit the workflow by changing “Labwork needs review” to “No.”

- **Add new variable**
  - **DATE_PREGNANCY_IDENTIFIED** to QP 8.
  - **Hepatitis B (Pregnant women)** (MAEDSS-8581)
    - This is being added to aid in data analysis and to better track when each specific pregnancy is identified.
Global Populations and Infectious Disease Prevention
• BUG fix-CHW Summary Report is not showing data from the Outreach Activity QP (MAEDSS-7291)
• BUG fix-RHA Date is missing from the RIHP Co-Infection Report (MAEDSS-8296)
• BUG fix-Post RHA Interview Outreach Activity is not appearing on the CHW Summary Report (MAEDSS-7935)
• BUG fix-RIHP Co-Infection Report errors out when user selects “Run” and there are no results (MAEDSS-7935)
• BUG fix-RIHP Co-Infection Report is showing no results when you select “Export” (MAEDSS-8595)
• BUG fix-Refugee Family Summary not displaying entire report (MAEDSS-8128)
• Offline LBOH Notification WF-exit criteria change (MAEDSS-7272)
  – Events will exit the Offline LBOH Notification WF if LBOH notified is answered yes or no.
• Workflow, “Refugee Address is not in MA,” is using the address in the DEMO QP and should use the address in the Person’s tab (MAEDSS-6599)
• Update Workflow, “Disease Notification to RHA Provider,” to look at closed disease events (MAEDSS-7303)
• Workflow, “Pending CHW Assignment for the Initial Home Visit,” should exclude events that do not have an official city (MAEDSS-7893)
• Reformat TB-LTBI Online LBOH Notification  
  – New Name: TB-LTBI Priority Follow-Up  
  – Will now only include LTBI events that are Class A/Bs, aged <18 years, and contacts) - MAEDSS-8813

• BUG fix-Class A/B disposition variable in Class AB wizard is incomplete (MAEDSS-8561)

• New LBOH Online Notification for Class A/B Arrivals (MAEDSS-8537)  
  – Events that have a Class A/B TB condition will flow into this workflow. Events will exit this workflow once the TB Program has received the follow-up worksheet and has entered the received date.

• Implement use of LTBI Follow-Up Teleform (MAEDSS-8545)
Thank you

- If you have any questions or concerns about this latest release of MAVEN please contact the helpdesk at isishelp@state.ma.us or 617-983-6801
- We encourage and need user feedback to make the enhancements our users want and need to do their job effectively
- Many of the new features you will find in this release are directly from user feedback so please let us know what you think and give us your suggestions