Global MAVEN Changes

1) Add variable to collect preferred pronouns in party tab across all models for Sexual Orientation and Gender Identity (SOGI). Review the webinar link here that covered the SOGI variables from our SOGI Presentation Guidance Recording (1:11:07). It starts at 2:10 into the presentation).
2) Update “Gender” variable in person tab to “Recorded Sex or Gender” across all models for SOGI.
3) Add SOGI variables to relevant wizards across models.
4) Update Linked Events Report to Output Suspect Status Properly.
5) Update MAVEN Help to address any Americans with Disabilities Act (ADA).
6) Remove all cluster events from DSAI “Close out disease events” workflow.
7) Update Casetivity Import Report to include BIDLS Report Form (BRF).
8) Modeling changes to update the name of Office of Integrated Surveillance and Informatics Services (ISIS) to Division of Surveillance, Analytics, and Informatics (DSAI).
9) Add a new free text field for Occupation and Industry with automated processing module to update occupation/industry codes from NIOSH. The automated update will happen daily. For more information, please click here: Industry and Occupation Computerized Coding System (NIOCCS).

Occupation & Industry Guide around collecting information and entering data into MAVEN, click here.
Global MAVEN Changes, cont.

10) Creation of **Sequencing Question Package** across all disease product codes. This will only be editable at the state level. Local boards of Health can review the question package and related data fields. These data will appear on certain LBOH reports when the question package is selected (e.g. LBOH Event Information Extract Report).

![Question Packages](Image)

General Epidemiology

1) Revise Affiliation field in the On Call Model (add Animal control officer (ACO)/Animal inspector, Veterinarian/Animal Hospital/Animal shelter and Wildlife rehabilitation/wildlife rescue).
2) Update Cluster Model to accept variables relating to COVID HAI/RESPI/FLU Cluster BRFs.
3) Add "Auditable" Option to Variables within the EPI/IMM Model.

Healthcare Acquired Infections (HAI)

1) Add new organisms to Multi Drug Organisms (MDRO) Type Variables.
2) Update Epi Cluster Model to Include New Variables Related to Healthcare Acquired Infections (HAI) Clusters.
3) Update MDRO, CAURIS Product Code to accommodate CDC performance measures.
COVID

1) Change COVID from Immediate to Routine Classification for email notification purposes. Emails will no longer be generated for COVID cases.

2) Questions added to Respiratory/ILI Questions QP in COVID/Flu/Respiratory Illness Clusters:
   a. COVID and Flu/ILI: Positive Staff, Positive Clients/Students.
   b. COVID Only: Number of Client/Student Deaths, Number of Staff Deaths, Number of Clients/Students Hospitalized, Number of Staff Hospitalized, Have all positive residents been evaluated for COVID therapeutics?
   c. Flu/ILI only: What virus was identified by the testing performed?
      i. Adding “unknown” as an option for Percent of Clients Vaccinated Against Influenza and Percent of Staff Vaccinated Against Influenza.

3) Update LBOH Notification for Routine Disease Workflow to restrict COVID events.

Foodborne & Waterborne

1) Expand answer options for "Supervised care type:" question for select FB/WB product codes.

2) Update "FBI Illness Reminder Label" message and FBI Complaint Worksheet link in Risk/Exposure/Control & Prevention Question Package.

3) Create tabular report based off the ad hoc report "Foodborne Cluster/Outbreak Line list".

4) Create Workflow for review of cases with new enteric sequencing data.

5) Modify pet food and pet treats question and add to two more enteric diseases (Yersinia, STEC). Add question about attending large gatherings and restaurants for Norovirus. Expand supervised care and daycare answer choices, and add supervised care label. Add high risk animal product label for Vibrio.

6) Retire general “Any animal contact?” question. Add question for visiting, working, volunteering on farms, ranches, petting zoos with animal type selection list. Add question for household pet exposure with expanded list of household pet examples, including backyard chickens, reptiles, rodents.

7) Add tool tip to the question “Is this a case of Cholera?” for Vibrio events.

8) Incorporate the Hepatitis A food history dynamic question package to the Hep A Risk Question Package.

9) Restrict LBOHs from seeing the CRF review wizard in enteric disease events.

10) Remove unused/irrelevant questions from select enteric diseases.

Immunization/VPD

1) Add Question to Capture *Haemophilus influenzae* type in the Clinical Question Package.

2) Create Case Attribute to Populate *Haemophilus influenzae* type question.

3) Create a reference code group for the *Haemophilus influenzae* serotyping results.

4) Add Question to Capture *Streptococcus pneumoniae* serotype in the Clinical QP.

5) Create Case Attribute to Populate *Streptococcus pneumoniae* Serotype Question.

6) Add questions for Meningococcal disease.
   a. Did the student live on-campus at the time of disease onset?
Immunization/VPD, cont.

b. Was the student a member of a Greek life organization (fraternities or sororities)?

c. In the 10 days before illness onset, did the patient stay in an emergency shelter, transitional housing program, or safe haven?

7) Update Disease Counts Report to only include Streptococcus pneumoniae for patients <18 years old [Custom reports - Disease Counts by County or Town and Year].

8) Update to Acute Flaccid Myelitis (AFM) Event Date Hierarchy with limb weakness onset date as highest priority.

9) Remove Acute Flaccid Myelitis (AFM) events from LBOH Case Report Form Pending and LBOH Needs final review workflows.

10) Update event date hierarchy for flu and respiratory illness clusters.

Viral Hepatitis

1) Implement multiple model changes across HAV, HBV, HCV to harmonize risk history questions and allow for better correlation with the updated CDC viral hepatitis case report form.

2) Allow for the collection of total bilirubin under the supplemental lab testing question in the clinical question package for HAV, HBV and HCV.

3) Create a new Acute HCV wizard.

4) Create a new Acute HBV wizard.

5) Add official city to the workflow details page for "Acute HBV Pending Investigation" workflow.

6) Add AGE YEARS to the workflow details page for "Revoked HCV events with positive NAT results for review" workflow.

7) Create a new workflow to capture people with an HDV event without a HBV event.

8) Expand MIIS vaccine information integration to include Hepatitis B.

9) Create a new workflow for MIIS HBV matches that require manual review.

10) Add child question to capture name of "other" PHB Case Manager in Hepatitis B (Pregnant Women) question package.

11) Create HCV Lab denormalized table to allow for easier extraction.

STD

1) Create an OOS Case Report for STD.

2) Update STD Model Clinical Question Package.

3) Update Interview Record Report for STD.

4) Update STD model Wizards.

5) Add incentives program variables to STD model.

6) Update STD Event Date Hierarchy.
HIV

1) Create & Update MAVEN to eHARS extracts.
3) Remove DEATH_CNTRY_DOC QID and create new variable that uses the country validator, so it matches BIRTH_CNTRY_DOC.
4) HIV/AIDS Revoked Reason variable update.

Division of Global Populations

1) Review Division of Global Populations canned reports.
2) Create New Custom Division of Global Populations report.

Tuberculosis

1) Case attributes to help Calculate Verified TB Case status variable.
2) Add new variable, Genotype Number to admin QP of TB_ACTIVE / cluster model.

If you have any questions, please reach out to us at mavenhelp@mass.gov