Summary of Amendments: 105 CMR 300.000: Reportable Diseases, Surveillance and Isolation and Quarantine Requirements Effective 01/27/2017

On January 27, 2017, revisions to 105 CMR 300.000: Reportable Diseases, Surveillance and Isolation and Quarantine Requirements became effective. Following is a summary of the principal amendments to the regulations.

Background
M.G.L. c.111, §§ 1, 3, 5, 6, 7, 94C, 109, 110, 110B, 111 and 112 define the responsibilities of the local boards of health and the Department of Public Health with respect to the reporting and control of diseases dangerous to the public health. M.G.L. c.111D, § 6, references the obligation of clinical laboratories to report infectious diseases to the Department.

I. General revisions
General revisions that have been incorporated throughout the regulations include:
- clarification of reporting content to include personal, demographic, epidemiologic, and laboratory information, as defined by the Department
- simplification of language to indicate that the reporter may notify the local board of health or the Department, in order to expedite investigations
- the State Public Health Laboratory was formally named

II. Specific revisions
1. 300.020: Definitions. The following new terms were defined or further clarified:
   - Report of a Disease: clarify reporting content to vary by disease and contain specific personal, demographic, epidemiologic, and laboratory information
   - Tuberculosis: distinguish active disease from tuberculosis infection

2. 300.100: Diseases Reportable to Local Boards of Health.
   - The following conditions were added to the list of diseases reportable to local boards of health for clarity and consistency:
     - Arboviruses: chikungunya virus, Jamestown Canyon virus, Powassan virus, and Zika virus
– staphylococcal enterotoxin

- Age reporting criteria was modified for:
  - Group B streptococcus (invasive infection in children aged less than one year)
  - Streptococcus pneumoniae (invasive infection in individuals aged less than eighteen years)

- The following diseases were removed:
  - Leptospirosis
  - Cryptococcosis
  - E. coli O157:H7 infection (now covered by Shiga-toxin producing E. coli)

3. 300.170: Laboratory Findings Indicative of Infectious Disease Reportable Directly to the Department by Laboratories.

- Added a requirement that specimen source and ordering health care provider be included in reports.

- The following conditions were added to the list of diseases reportable to local boards of health for clarity and consistency:
  - Arboviruses: chikungunya virus, Jamestown Canyon virus, powassan virus, and Zika virus
  - Laboratory evidence of tuberculosis infection

- Age reporting criteria was modified for:
  - *Group B streptococcus* (invasive infection in children aged less than one year)
  - *Streptococcus pneumoniae* (invasive infection in individuals aged less than eighteen years)

- The following organisms were removed from the list:
  - *Leptospira*
  - *Cryptococcosis*

- Sexually transmitted infections were moved to a distinct list to reflect that these reports are only reported to the state

4. 300.172: Submission of Selected Isolates and Diagnostic Specimens to the State Public Health Laboratory.

- The following were added to the list:
  - Carbapenem-resistant and carbapenemase producing *Enterobacteriacea*
  - *Campylobacter* sp.

5. 300.173: Reporting of Certain Negative Diagnostic Tests Associated with Ascertainment of Infection Status.

- Added language to enhance identification of cases of infectious syphilis, vector-borne diseases and acute cases of hepatitis C

- Added specific indeterminate and negative HIV tests associated with a concurrent positive result

6. 300.180: Diseases Reportable Directly to the Department.

- Clarified reporting of active tuberculosis disease and latent tuberculosis infection to include means of reporting and detailed data elements
• Clarified timing of reporting (within 24 hours) and to include detailed information for certain infectious diseases

7. 300.200: Isolation and Quarantine Requirements (A) Diseases Reportable to Local Boards of Health. Changes to the isolation and quarantine requirements:
   • Updated isolation requirements for TB patient to reflect the current recommendations
   • Removed requirements for cryptococcosis and leptospirosis