WORK FLOW OF THE OUTBREAK SIMULATION FOR TRAINING PURPOSE:

Email from CDC Global Disease Detection (GDD) – TB outbreak in Thailand with Excel spreadsheet of case data & locations

Create 1st Map of initial cases

Field team deployed – Samples collected (sputum, culture,) for genotyping

Receive email with genotyping data; Merge to case data and create 2nd map with genotyped cases

Receive email with data on drug resistance type associated with genotype. Merge these data and create 3rd map with symbolization by drug resistance type

Contact investigation teams are deployed to conduct interviews and gather data on the potential epi-links of patients. Merge these data and create 4th map which will add the epi-links to the map

Query non-epi linked cases that are suspected contacts and provide this line listing to the CDC Contact Investigation team for 2nd interview

Receive email with data on newly identified epi-links. Import these data and add the newly identified epi-links to the map for the EOC.

Create social network graphs with epi-links and complete the simulation exercise.