

Student Exercise

Outbreak ID

Report ID

Scenario

Several cases of influenza have been reported by healthcare facilities in Tbilisi, Georgia, with the earliest case appearing on November 15th. Symptoms included fever > 38°C, cough, sore throat, body aches, headache, and fatigue. All of the virus detections by sample were type A, with both influenza A(H3N2) and A(H1N1)pdm09 viruses detected. No Influenza B viruses have been reported.

1. Create an Outbreak Session and return to the dashboard.
2. A suspected influenza case has been reported by the local healthcare facility. The [name of patient, patient record already in system] is currently hospitalized. Blood-serum samples were obtained. Search for the Outbreak Session and create an Outbreak Case for the patient linked to the session.
3. During your investigation you discover an influenza case in the village that was diagnosed prior to the start of the outbreak session. Adjust the outbreak Start Date to incorporate this earlier case.
4. Import Disease Report ID _____.
5. [name of patient in the first case] recalled having lunch at his uncle's house just when he was starting to get sick. Search for and add _____ as a contact to the case. [this contact person will not be in the system]
6. The last week has seen a significant rise in the number of new cases, bringing the total to 15 cases. Create an Outbreak Update record to reflect this.
7. Using the Analysis tab, create an Epi Curve to chart the progression of cases. There won't be enough cases in the system to see much. The Analysis section should be more as an ILT demo.
8. Vaccination rates in the village population have increased by 60%. Edit the Outbreak Update record you created previously to add this information.
9. To complete the exercise, delete the cases and the session.