Syndromic Surveillance Notification Report

Notification: Increase in Emergency Department (ED) Visits Related to Influenza Like Illness (ILI)

For Information Only

Updates Provided by: Tri-County Health Department (TCHD)

- Purpose
  ◇ To notify partners regarding an increase in the rate of ED visits via our Syndromic Surveillance system meeting surveillance criteria of ILI during late August and early September 2018.

- Definitions used for ILI Syndromic Surveillance
  ◇ Rate of ILI-related ED visits is calculated by using counts of visits meeting the CDC’s ILI case definition, which is based on searching visits with influenza-specific discharge diagnosis ICD-10 codes (J09, J10, J11) or text terms in the ED chief complaint and triage note (fever and either cough, sore throat, strep throat, or upper respiratory).
  ◇ Rate of influenza-related ED visits is based on counts of visits with influenza-specific discharge diagnosis ICD10 codes (J09, J10, J11).

- ILI and Influenza-Related ED Visit Rates in TCHD’s jurisdiction (Adams, Arapahoe, Douglas Counties) (Figure)
  ◇ A slight increase in the rate of ILI-related ED visits was identified in TCHD’s jurisdiction during late August and early September.
  ◇ Ancillary laboratory data indicates community circulation of respiratory rhinoviruses and enteroviruses rather than influenza viruses during this period.

- Reminders Regarding ILI Prevention and Control Measures Prior to Influenza Season
  ◇ Review your agency’s employee health policy and procedure for the upcoming influenza season, particularly illness exclusion policies.
  ◇ Promote influenza vaccination for all employees and monitor vaccination rates.

Figure. Rates of ILI and Influenza-Related ED Visits in Syndromic Surveillance, by Week (05/01/2018-09/24/2018)
Adams, Arapahoe, and Douglas Counties, Colorado

Contact Information:
Yushuan Chen, Syndromic Surveillance Epidemiologist
Tri-County Health Department, Colorado
Email: ychen@tchd.org  Office: 720-200-1481  Website: http://www.tchd.org/