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

- **Purpose**
  - To notify partners regarding a significant increase in the rate of ED visits via the Syndromic Surveillance data that meets the Centers for Disease Control and Prevention (CDC) ILI case definition.

- **Definitions used for ILI Syndromic Surveillance (SyS)**
  - 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 notes (fever and either cough, sore throat, strep throat, or upper respiratory).

- **ILI and Influenza-Related ED Visit Rates in TCHD’s jurisdiction**
  - The percent of ILI-related ED visits increased to 4.22% compared to 3.95% in the previous week. (Figure.)
  - Statewide, sentinel laboratory data showed the percent positive influenza tests exceeded 11%.
  - Eighty-six flu related hospitalizations have been reported in TCHD jurisdiction thus far this season.
  - One outbreak of influenza at a long term care facility in the TCHD jurisdiction has been identified.
  - For more information, please see the [Colorado Flu Report](http://www.tchd.org/).

- **Control Measures for Influenza**
  - Ensure timely reporting of hospitalized influenza cases.
  - Notify pre-hospital partners to implement enhanced infection control measures when transporting patients.
  - Promote influenza vaccination for all employees and monitor vaccination rates.
  - Support appropriate use of influenza antiviral agents for treatment and chemoprophylaxis.

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**Syndromic Surveillance Notification Report**

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

**December 17, 2019 (10:00 AM)**

**For Information Only**

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**Figure. Rates of ILI and Influenza-Related ED Visits in Syndromic Surveillance, by Week (between 09/01/2019-12/16/2019) Adams, Arapahoe, Boulder, and Douglas Counties, Colorado**