**Purpose**

- To provide weekly updates to Public Health partners regarding a disease trend of the percentage of all hospital visits (all ED and inpatient) via the Syndromic Surveillance data that meets the Centers for Disease Control and Prevention (CDC) COVID-19 related symptoms and case definition.

**Definitions used for COVID-19 Syndromic Surveillance (SyS)**

- COVID-19 related hospital visits were captured if patients meet the updated **CDC’s case definition**, by searching ‘fever and cough or shortness of breath or difficulty breathing or the presence of coronavirus diagnosis code’ in the SyS data.

- Pneumonia related hospital visits were captured based on pneumonia symptoms and related diagnosis codes.

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**COVID-19 Related Symptoms and Diagnosis in Colorado Local Syndromic Surveillance Counties**

- The data from UCHealth Broomfield Hospital was included in this week’s data analysis (05/11/2020-05/18/2020) (Figure).

- In Syndromic Surveillance (SyS) data, overall hospital visits increased from 05/11/2020-05/18/2020. However, the case count with COVID-19 related symptoms and pneumonia decreased in the same period of time and zero influenza cases were identified (Figure).

- From 05/11/2020-05/18/2020, decreased numbers of patients were assigned COVID-19 diagnosis code compared to the previous week. Among patients diagnosed with the specific diagnosis code (U07.1), inpatient visits were more than other visit types.

- For the week of 05/11/2020, no COVID-19 lab orders were detected for persons experiencing homelessness, ninety COVID-19 lab orders were detected for people living in nursing homes, and twenty COVID-19 lab orders were detected from correctional facilities.


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**Figure. Daily Trends of Pneumonia, COVID-19 Related Symptoms and Flu Hospital Visits in Syndromic Surveillance in Denver Metro Area**

- This information was created based on hospital locations in Adams, Arapahoe, Boulder, Broomfield, Denver, Douglas, and Jefferson Counties.

- Children’s Hospital is not currently submitting data.