Purpose/Objectives

Purpose
- To provide regional information and updates to public health partners on communicable disease activity and trends within their region.

Objectives
- Provide an overview of communicable disease activity.
- Describe quarterly trends in select communicable diseases.
- Highlight interesting and/or notable outbreaks/clusters and/or investigations.

Select Disease Trends and Activity

Influenza Activity

<table>
<thead>
<tr>
<th>State Activity</th>
<th>Week Ending</th>
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</table>

High influenza activity level in the State.
Moderate influenza activity level in the South Region.

Influenza Activity Level

Week Ending April 08, 2017 (MMWR week 14)

Positive Influenza

Number Positive

State Activity: Week Ending 04/08

- Current Week Last Year: MODERATE
- Regional Data:
  - Northeast: MODERATE
  - Northcentral: HIGH
  - Central West: MODERATE
  - Central East: MODERATE
  - South: MODERATE

- 2009 H1N1: A typing not performed
- 2009 H1N1: B typing not performed

- 2016-2017 Cumulative Total (wk 40-20):
  - Central East: 1, 239, 602, 209, 0, 7, 12, 74
  - Central West: 0, 74, 164, 50, 0, 2, 4, 14
  - Northeast: 2, 411, 1354, 451, 0, 10, 27, 192
  - Northwest: 1, 264, 448, 184, 0, 6, 13, 57
  - South: 1, 119, 537, 118, 1, 2, 15, 59
Enteric Diseases

Vaccine Preventable Diseases

Zoonotic Diseases

OUTBREAK/CLUSTER REPORTING

South Region Outbreak/Cluster Type

South Region Outbreak/Cluster Location

- 50 outbreaks reported and investigated in the Southern Region during the quarter, an increase of 42% from the 31 outbreaks reported in the 4th quarter of 2016.
- Majority of Outbreaks were Influenza, followed by GI.
- Majority of Outbreaks occurred in Long Term Care Facilities.
Questions?