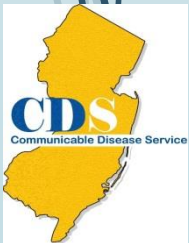



# EPIDEMIOLOGY SURVEILLANCE REPORT

Southern Region

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South/Central East Region





**Please Note** : This report is for use by Public Health Officials only and is not for public distribution.

All data are provisional and are subject to change.



# 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

## Influenza Activity Level<sup>2</sup>

State Activity Week Ending 04/08:

**HIGH**

Current Week Last Year:

**MODERATE**

### Regional<sup>3</sup> Data

Northwest

**HIGH**

Northeast

**HIGH**

Central West

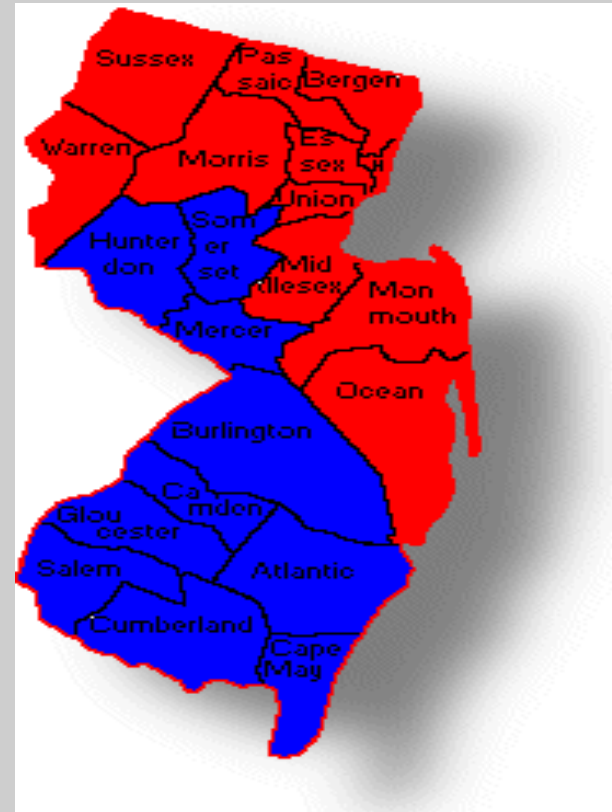
**MODERATE**

Central East

**HIGH**

South

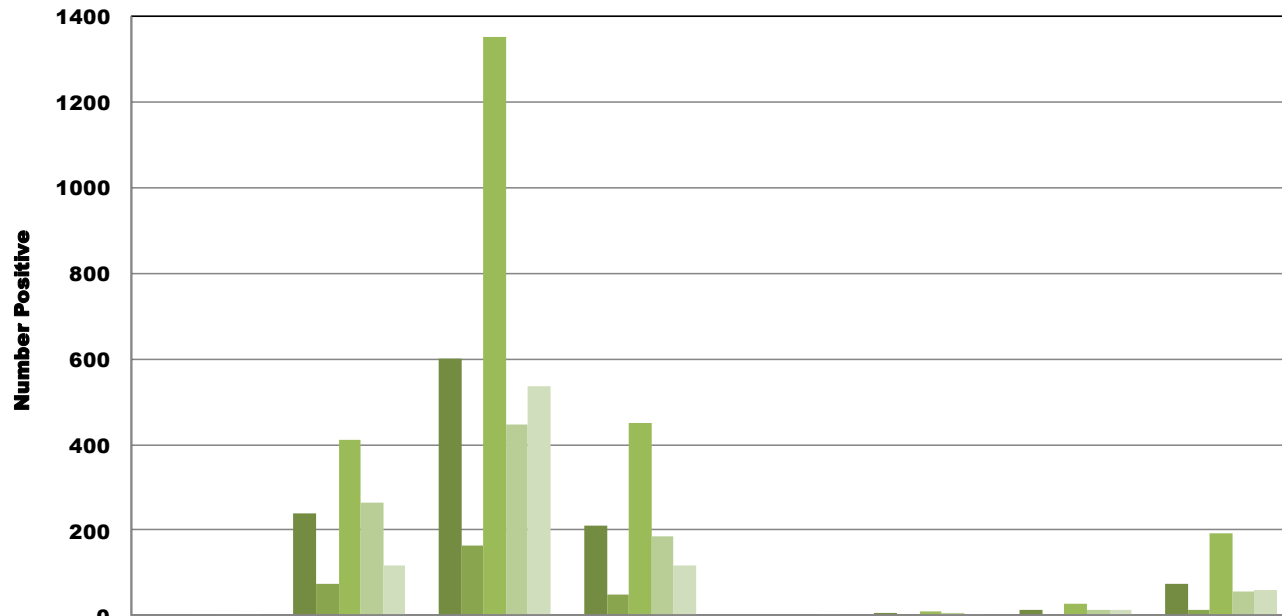
**MODERATE**



**High Influenza activity level in the State.  
Moderate Influenza activity level in the South Region**

# Influenza Activity

## Positive Influenza



	2016-2017 Cumulative Total (wk 40-20)				3 week Totals			
	2009 H1N1	AH3	A typing not performed	B	2009 H1N1	AH3	A typing not performed	B
■ 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

Week Ending April 08, 2017 (MMWR week 14)

# Enteric Diseases

Figure 1: CDRSS Reports of Select Enteric Diseases, (All)

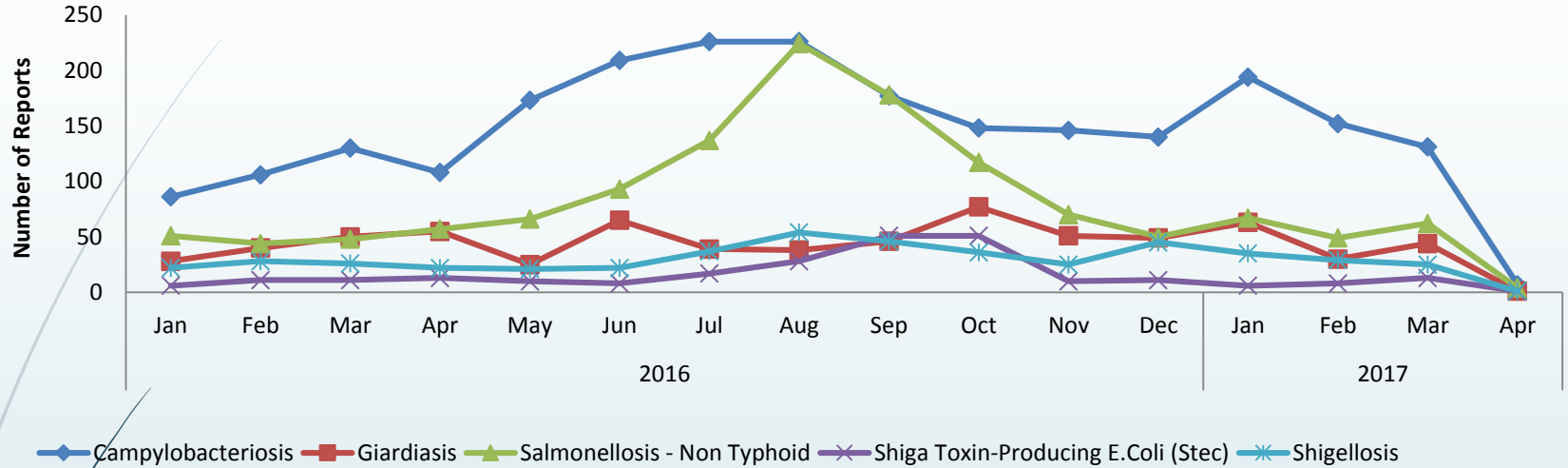
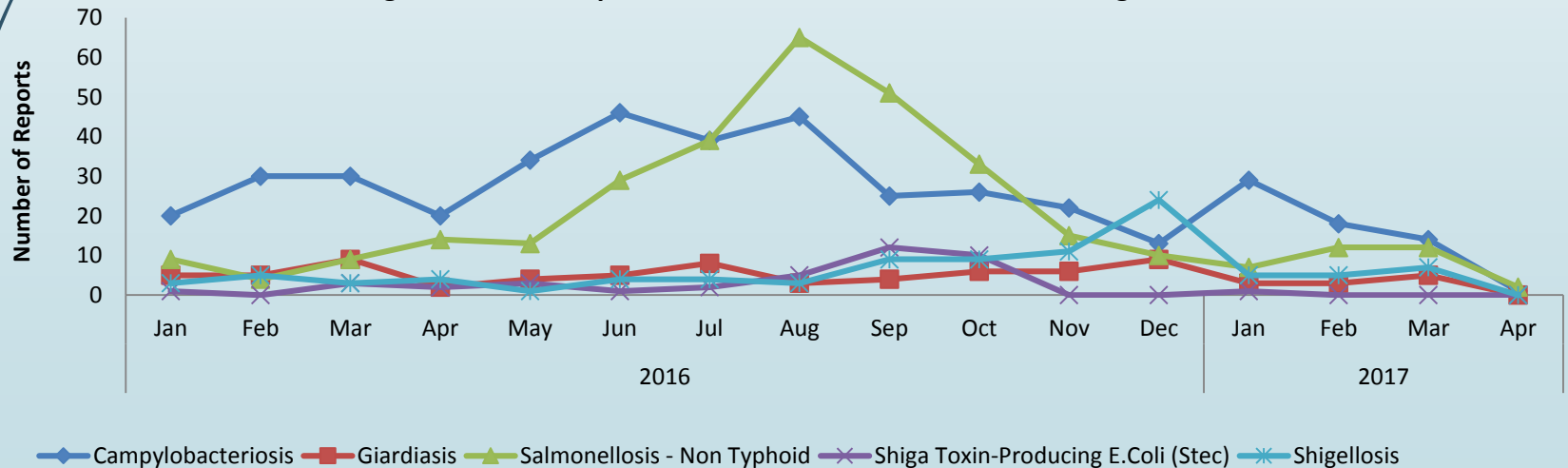


Figure 1: CDRSS Reports of Select Enteric Diseases, South Region



# Vaccine Preventable Diseases

Figure 2: CDRSS Select Reports of Vaccine Preventable Diseases, (All)

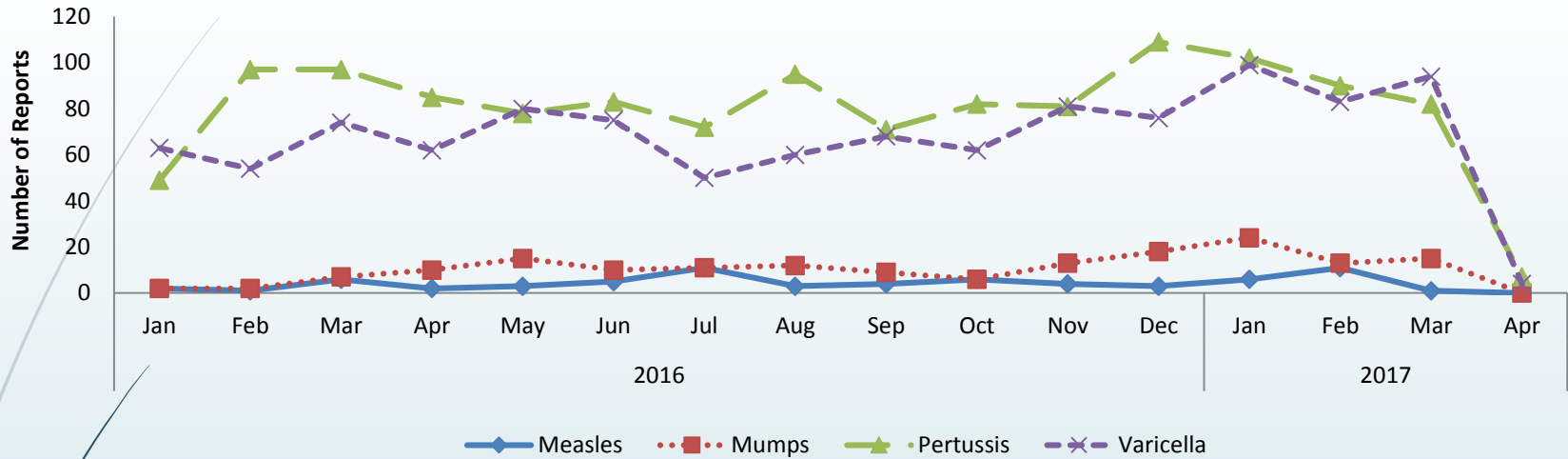
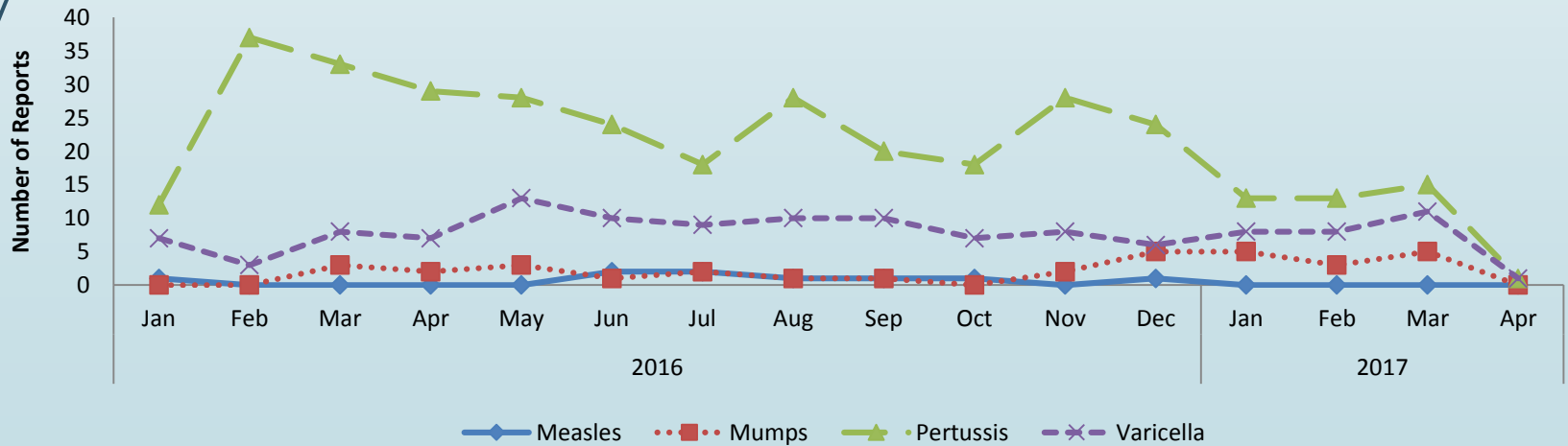


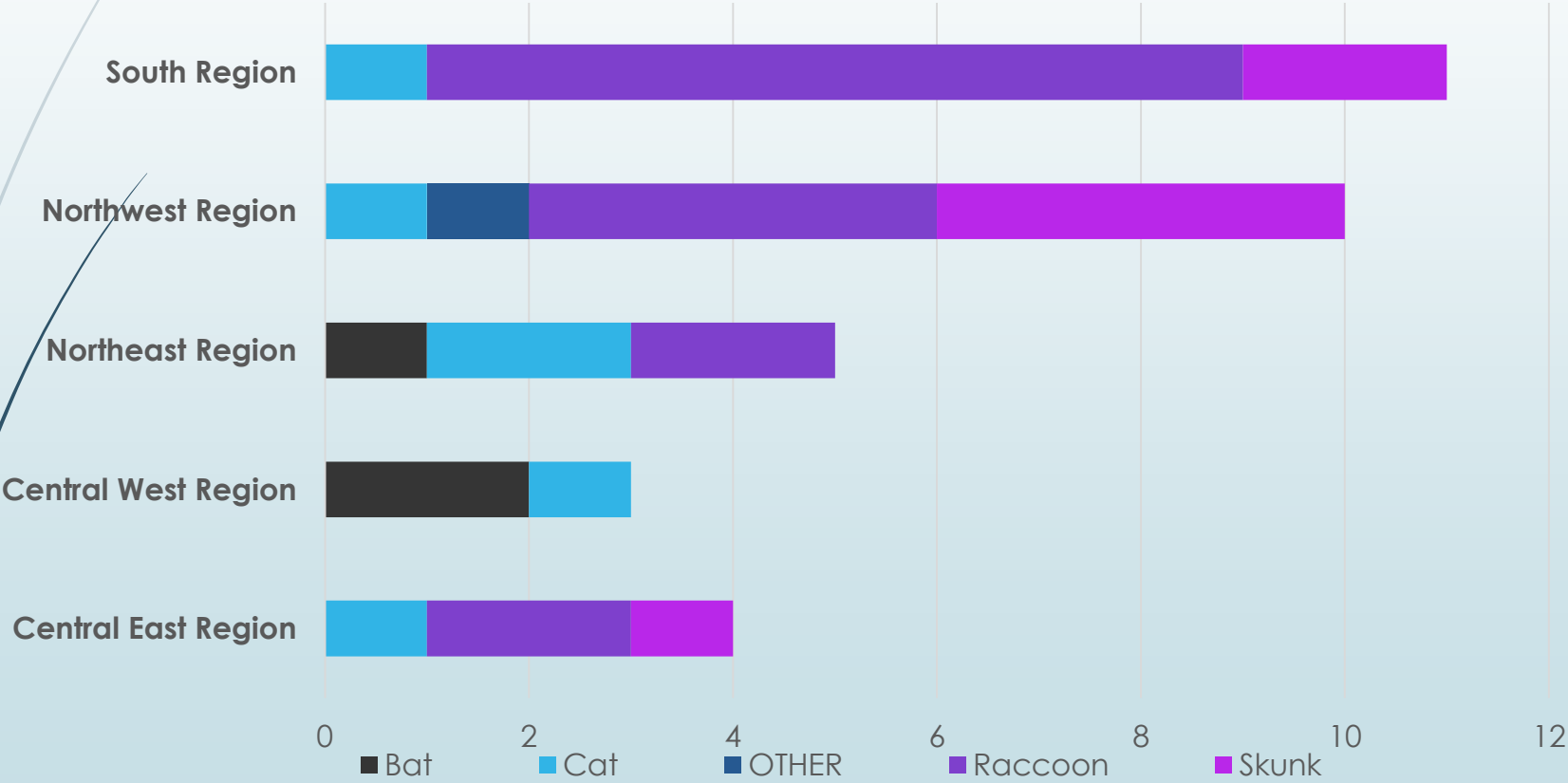
Figure 2: CDRSS Select Reports of Vaccine Preventable Diseases, South Region





# Zoonotic Diseases

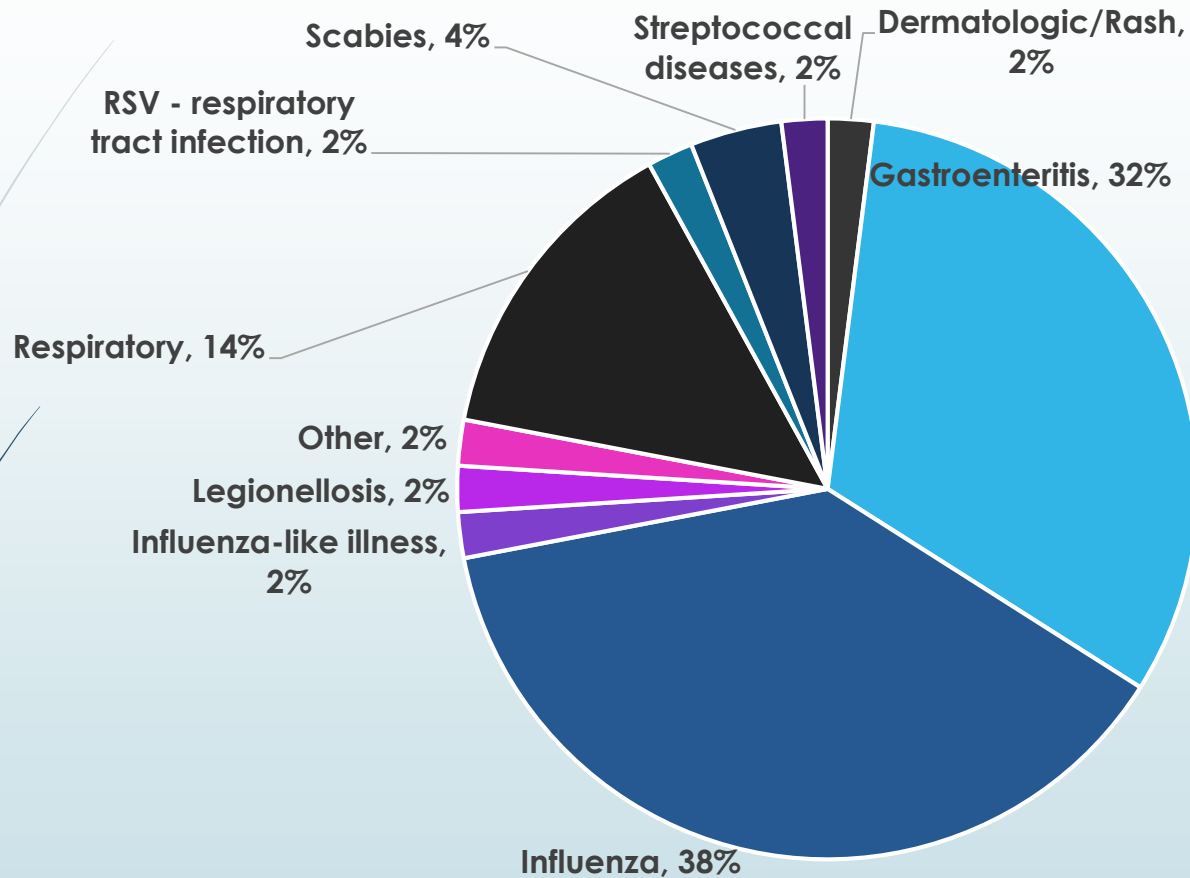
Figure 3: New Jersey Animal Rabies Cases by Region and Species  
January 1 - March 31 2017



# OUTBREAK/CLUSTER REPORTING

# South Region Outbreak/Cluster Type

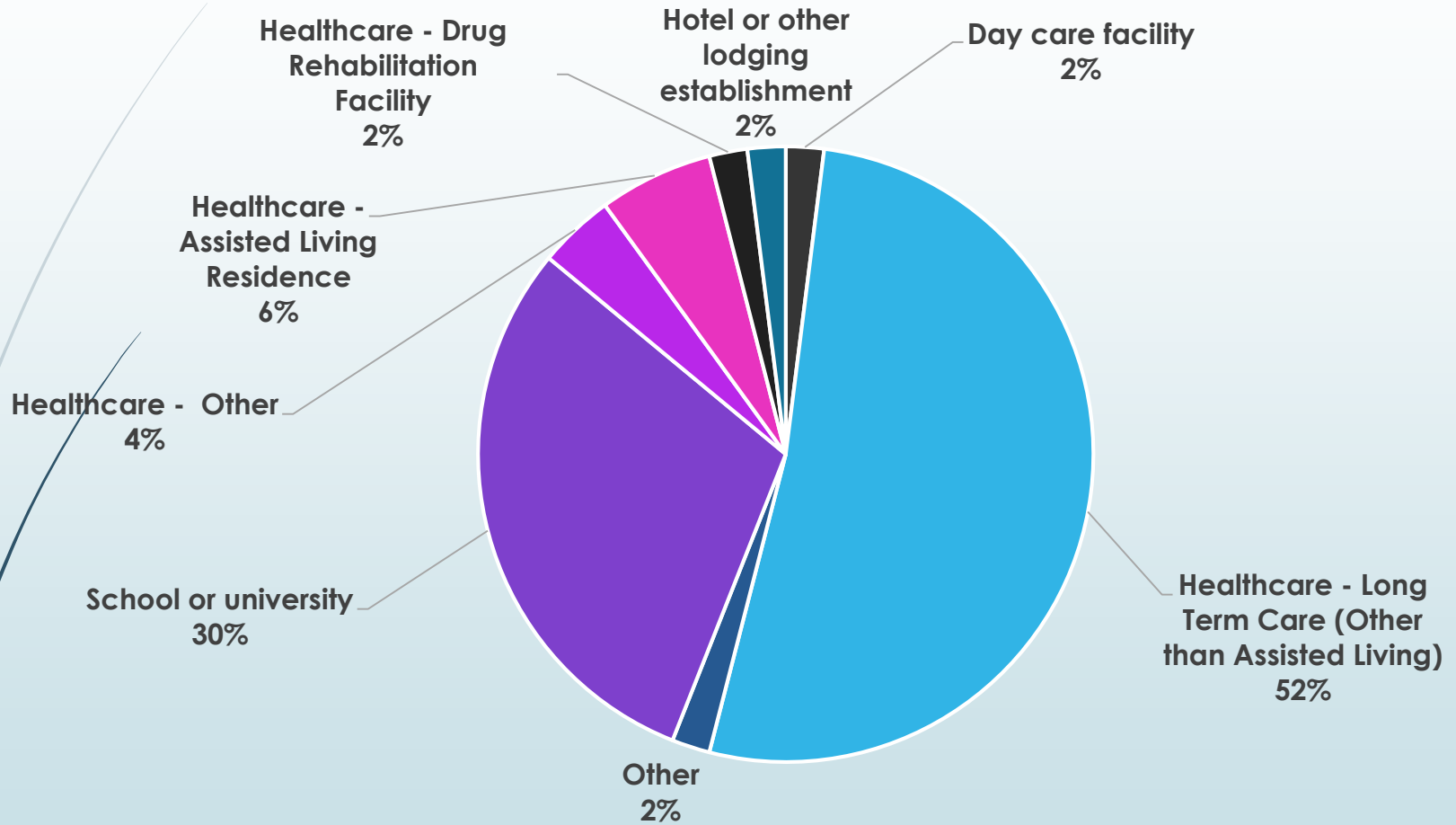
N=50



- 50 outbreaks reported and investigated in the Southern Region during the quarter, an increase of 62 % from the 31 outbreaks reported in the 4th quarter of 2016.
- Majority of Outbreaks were Influenza, followed by GI.

# South Region Outbreak/Cluster Location

N=50



➤ Majority of Outbreaks occurred in Long Term Care Facilities

Questions?

