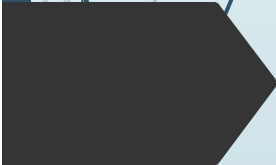
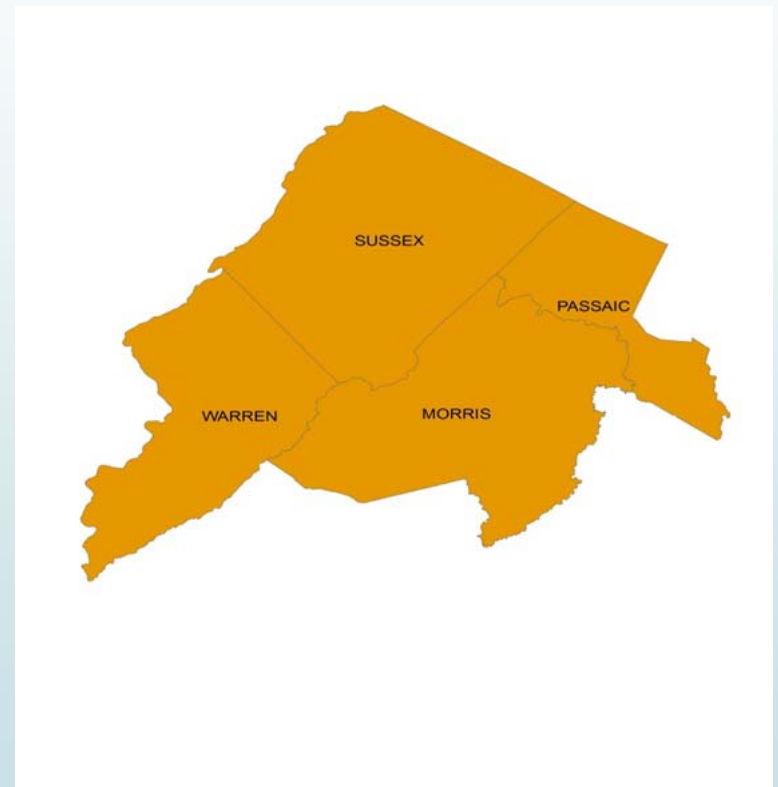





# EPIDEMIOLOGY SURVEILLANCE REPORT Northwest Region



Namitha Reddy  
Regional Coordinator  
North/Central West Region  
NJDOH/CDS/EEOH





**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

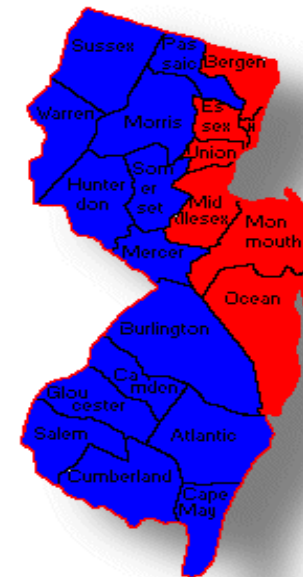
- Provide an overview of communicable disease activity.
- Describe quarterly trends in select communicable diseases
- Highlight interesting and/or notable outbreaks/clusters and/or investigations.



## Select Disease Trends and Activity

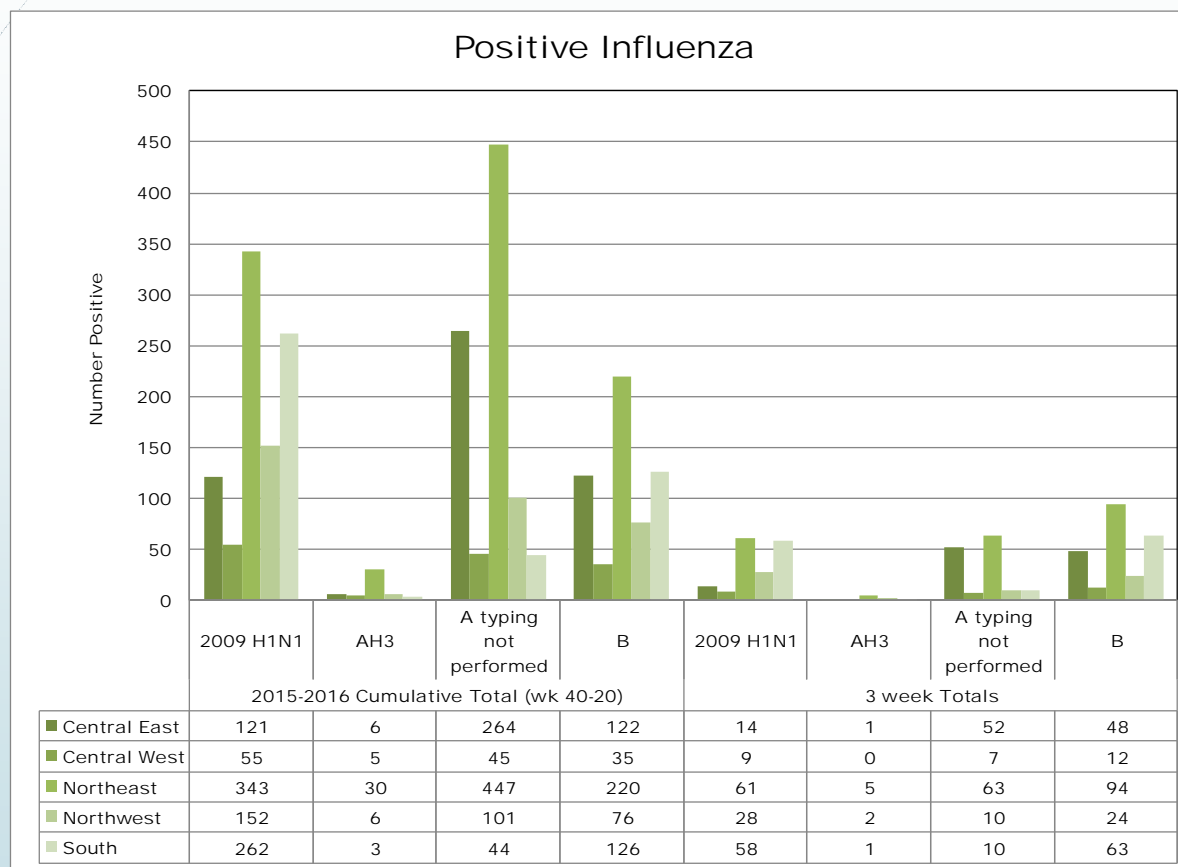
# Influenza Activity

Influenza Activity Level <sup>2</sup>	
State Activity Week ending 4/9: MODERATE	
Current week Last year: MODERATE	
Regional <sup>3</sup> Data	
Northwest	MODERATE
Northeast	HIGH
Central West	MODERATE
Central East	HIGH
South	MODERATE



Moderate Influenza Activity level seen Statewide and the Northeast Region.

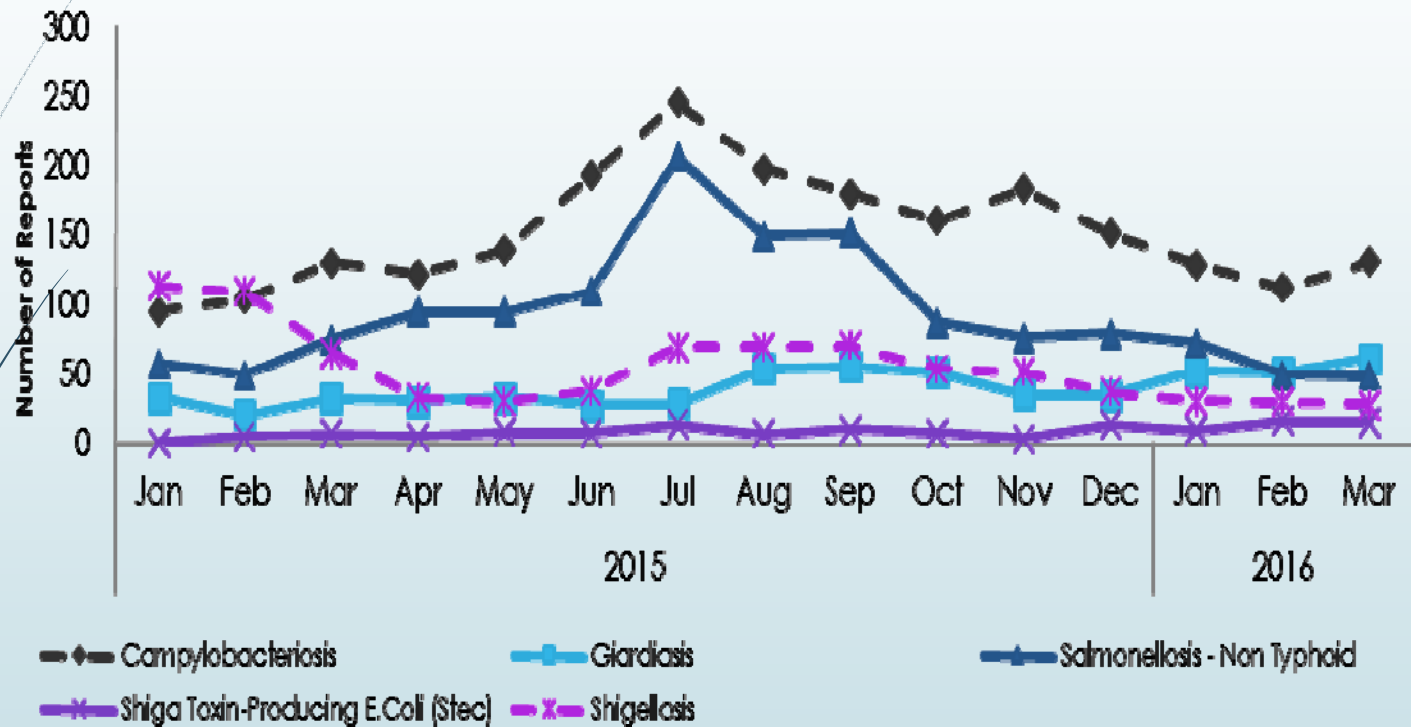
# Influenza Activity



**Week ending April 9, 2016 (MMWR week 14)**

# Enteric Diseases – New Jersey

Figure 1: CDRSS Reports of Select Enteric Diseases, New Jersey

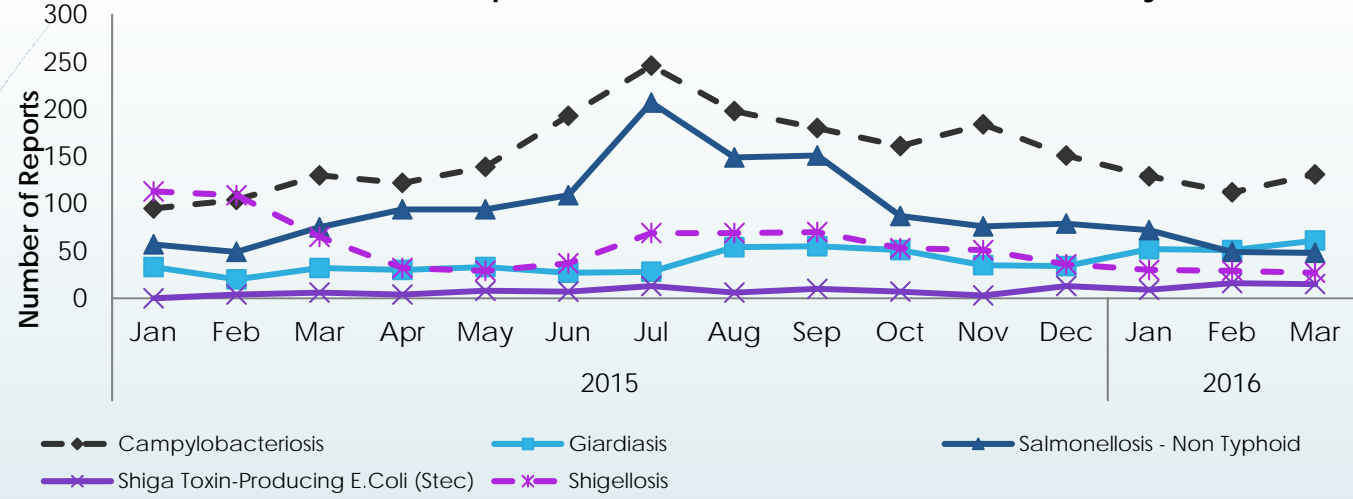


General Decline in Enteric Disease Activity

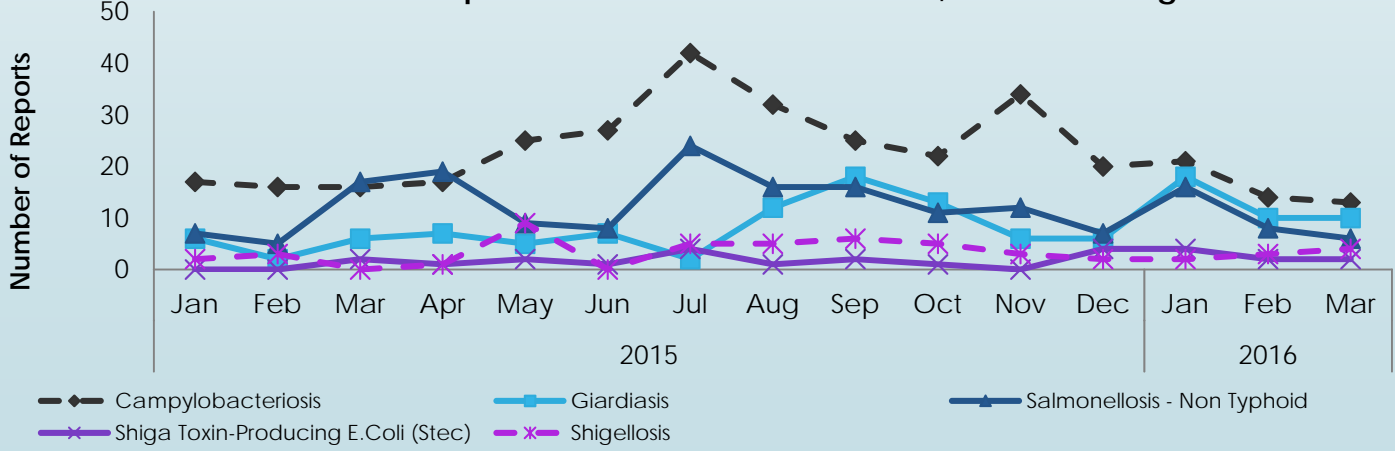
\*Includes total number of reports entered into the Communicable Disease Reporting and Surveillance System (CDRSS) each month for select diseases. Excludes merged and deleted reports. Includes all case statuses (i.e. CONFIRMED, PROBABLE, POSSIBLE, REPORT UNDER INVESTIGATION (RUI)). Data reflect the reporting burden of disease and does not reflect the number of cases that are confirmed.

# Enteric Diseases Northwest

## CDRSS Reports of Select Enteric Diseases, New Jersey



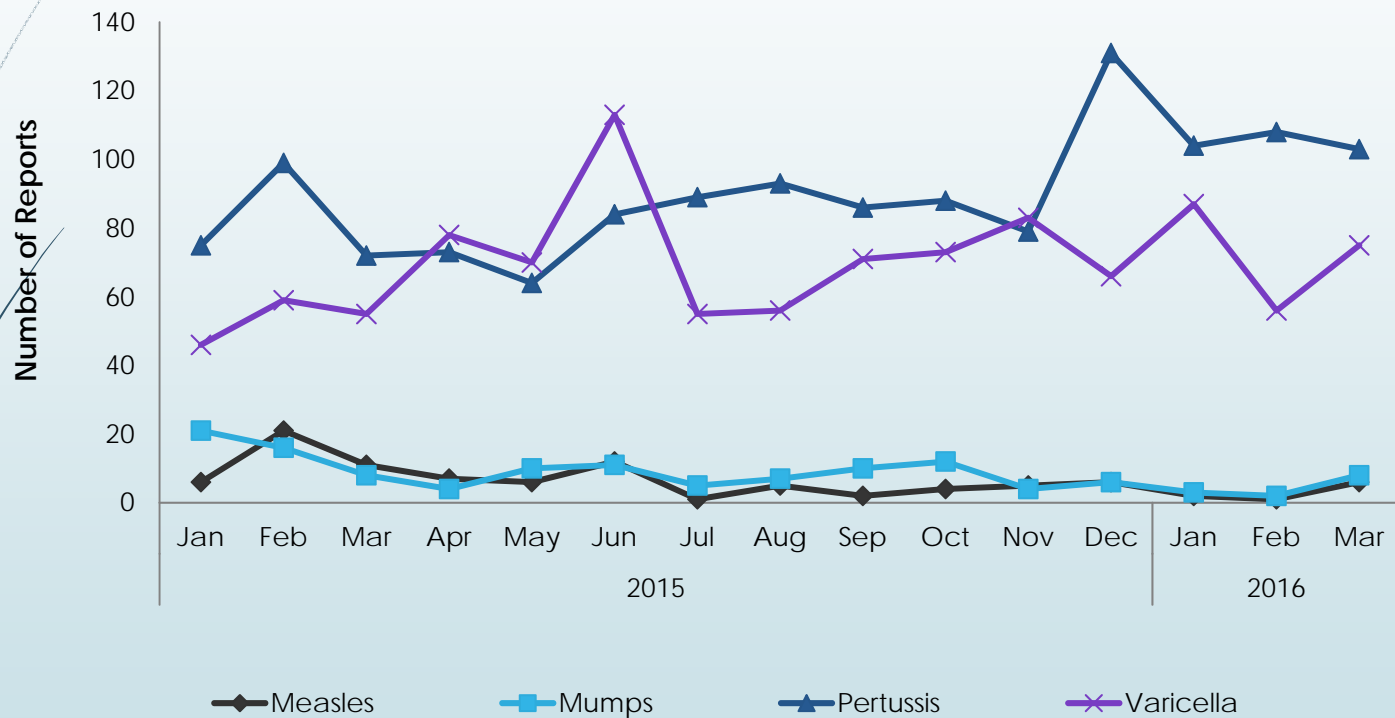
## CDRSS Reports of Select Enteric Diseases, Northwest Region





# Vaccine Preventable Diseases New Jersey

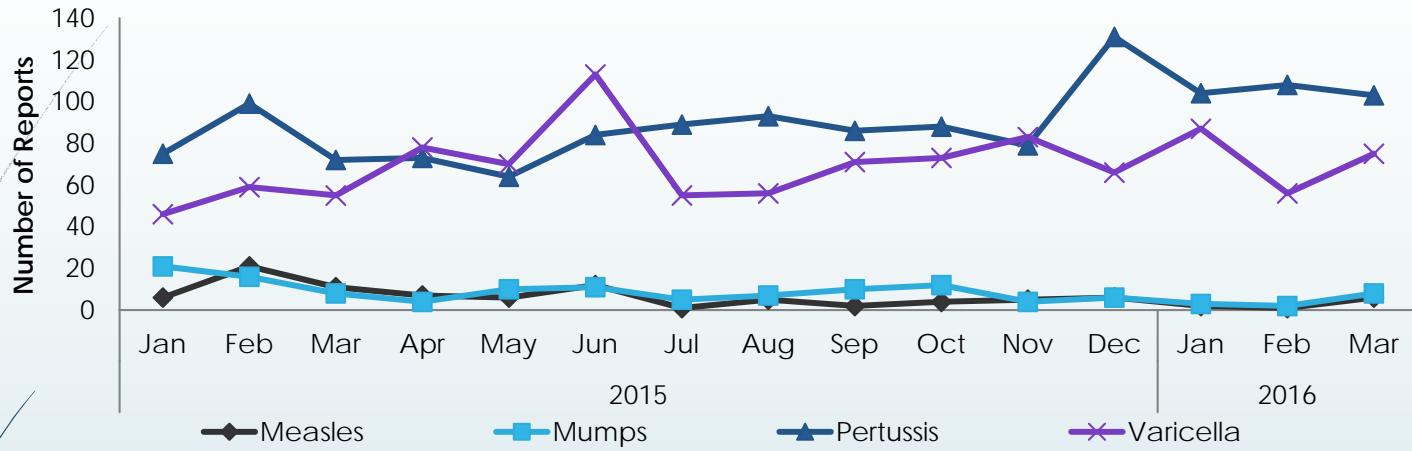
CDRSS Select Reports of Vaccine Preventable Diseases, New Jersey



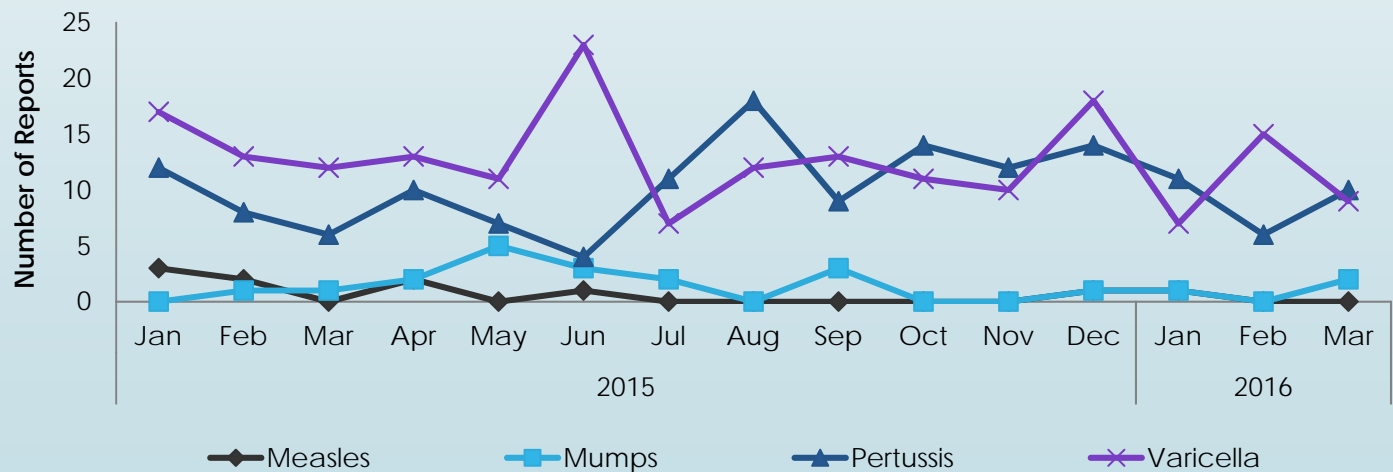
\*Includes total number of reports entered into the Communicable Disease Reporting and Surveillance System (CDRSS) each month for select diseases. Excludes merged and deleted reports. Includes all case statuses (i.e. CONFIRMED, PROBABLE, POSSIBLE, REPORT UNDER INVESTIGATION (RUI)). Data reflect the reporting burden of disease and does not reflect the number of cases that are confirmed.

# Vaccine Preventable Diseases: Northwest

## CDRSS Select Reports of Vaccine Preventable Diseases, New Jersey



## CDRSS Select Reports of Vaccine Preventable Diseases, Northwest Region

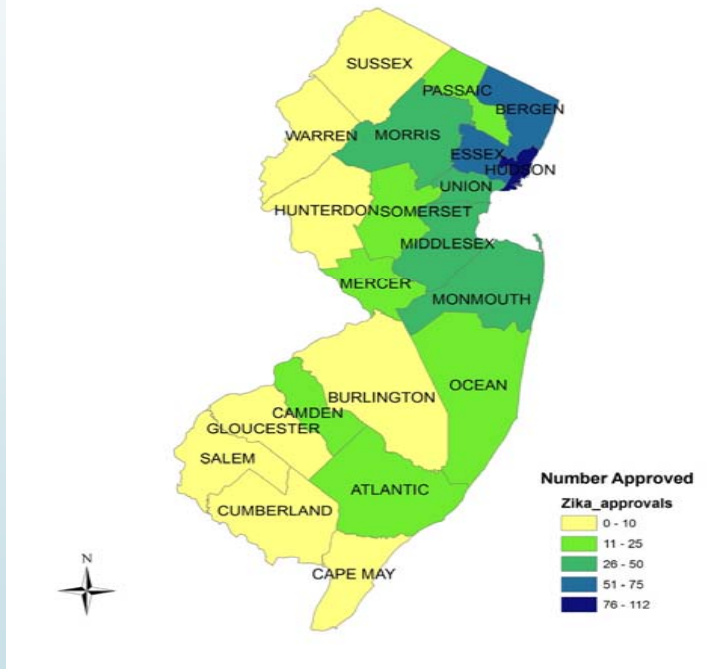


# Vectorborne and Zoonotic Diseases

## Zika Virus

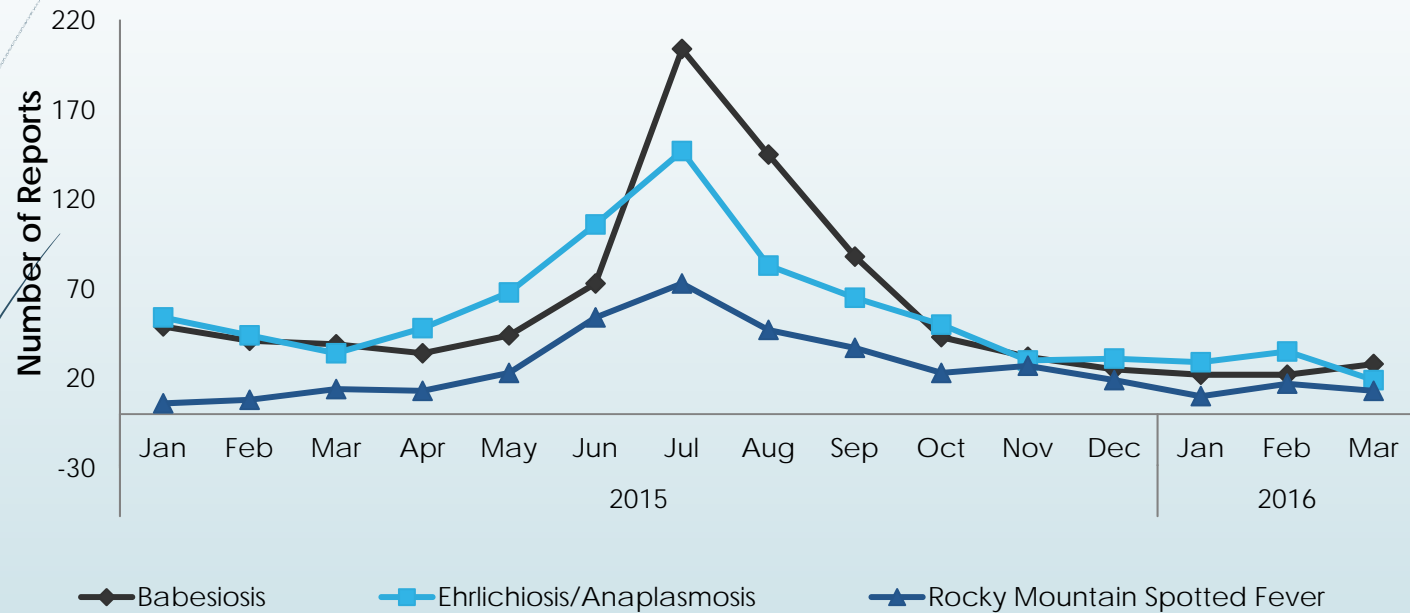
- Across the State, most requests were from the NE Region, with Hudson County having the most requests within the region.
- In the Northwest region, Morris county had an average number of requests compared to the other counties across the State.
- Passaic, Sussex and Warren counties had below average requests.

Number of Requests Approved For Zika Testing by County  
March 29, 2016



# Vectorborne and Zoonotic Diseases New Jersey

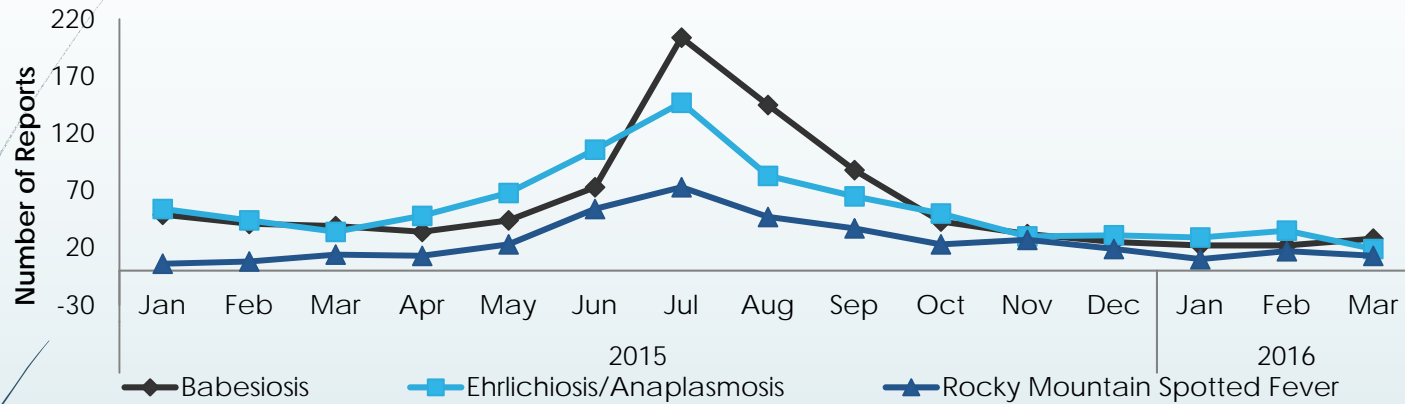
## CDRSS Reports of Select Tick Borne Diseases New Jersey



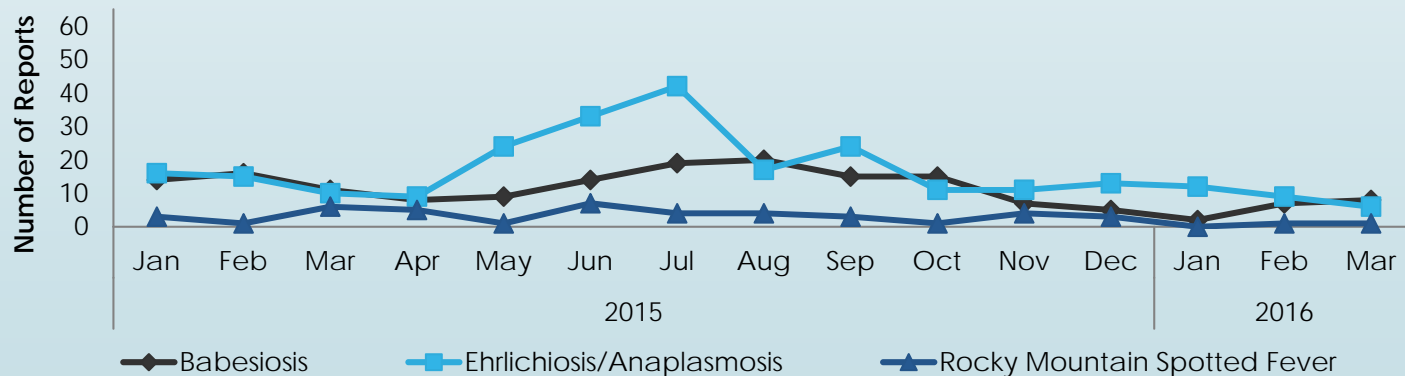
\*Includes total number of reports entered into the Communicable Disease Reporting and Surveillance System (CDRSS) each month for select diseases. Excludes merged and deleted reports. Includes all case statuses (i.e. CONFIRMED, PROBABLE, POSSIBLE, REPORT UNDER INVESTIGATION (RUI), NOT A CASE). Data reflect the reporting burden of disease and does not reflect the number of cases that are confirmed.

# Vectorborne and Zoonotic Diseases Northwest Region

## CDRSS Reports of Select Tick Borne Diseases New Jersey



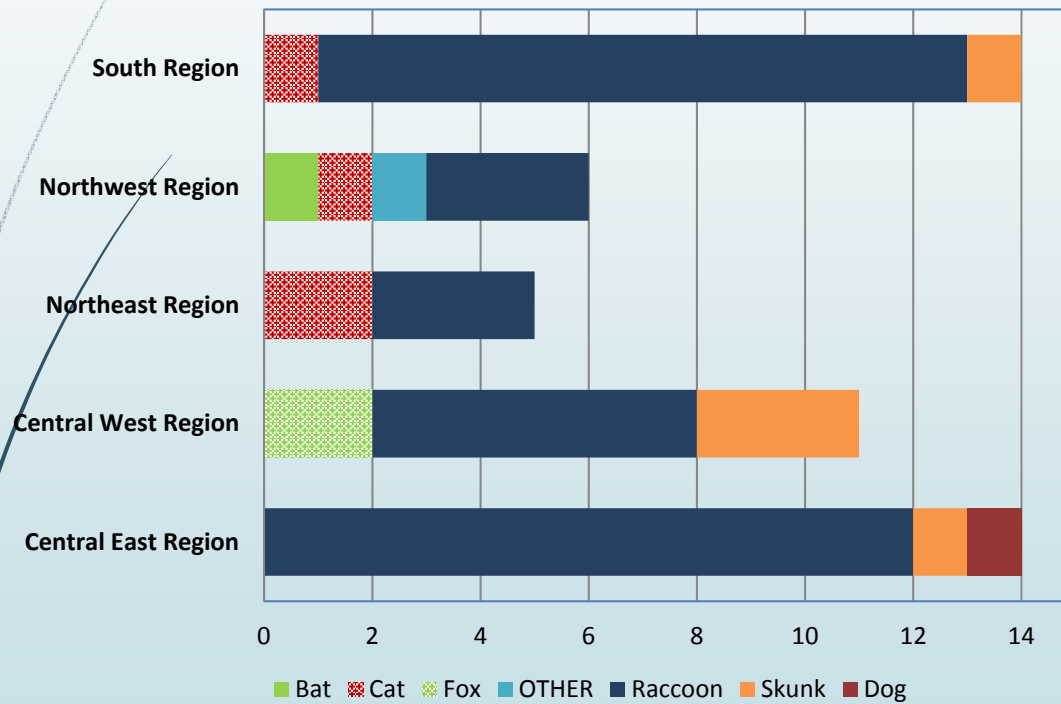
## CDRSS Reports of Select Tick borne Diseases, Northwest Region



\*Includes total number of reports entered into the Communicable Disease Reporting and Surveillance System (CDRSS) each month for select diseases. Excludes merged and deleted reports. Includes all case statuses (i.e. CONFIRMED, PROBABLE, POSSIBLE, REPORT UNDER INVESTIGATION (RUI)). Data reflect the reporting burden of disease and does not reflect the number of cases that are confirmed.

# Vector borne and Zoonotic Diseases

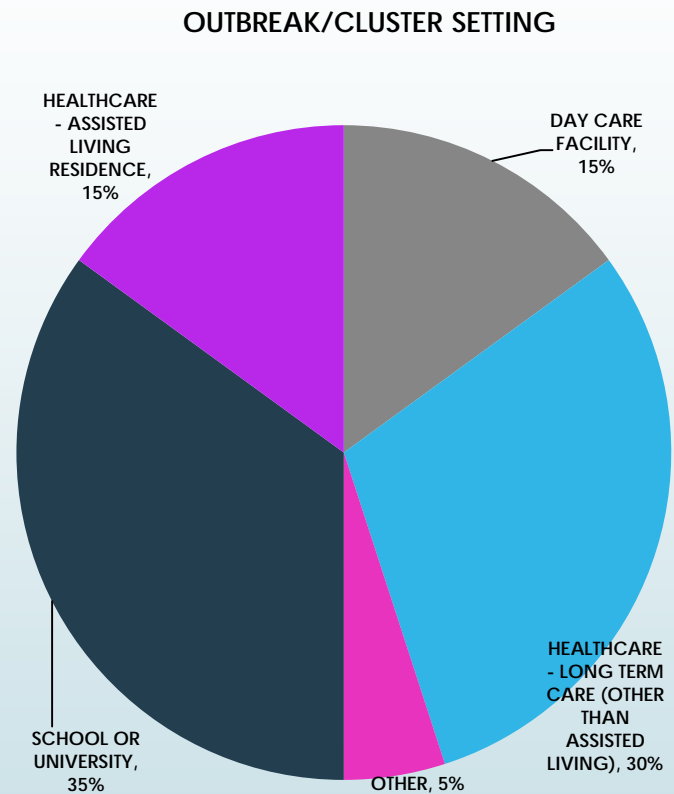
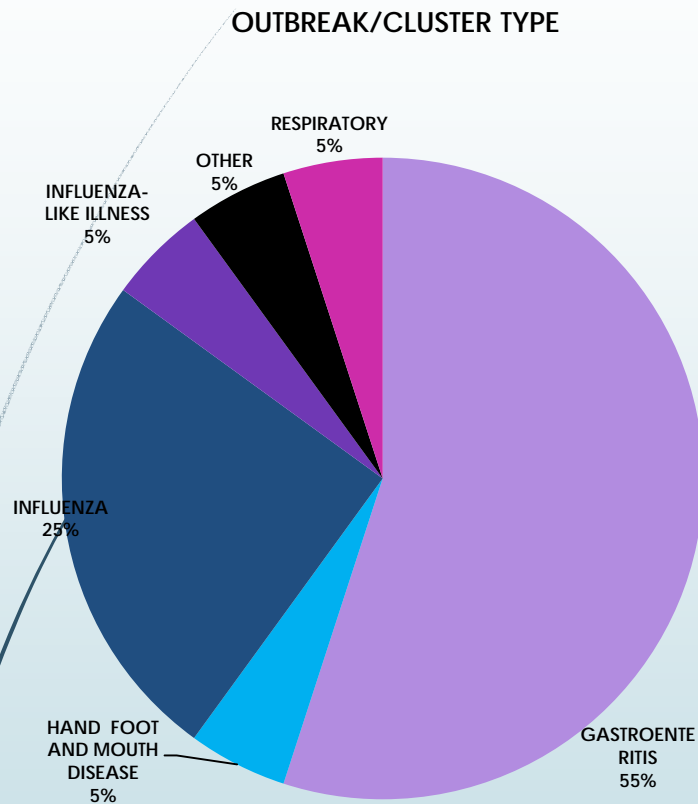
New Jersey Animal Rabies Cases by Region and Species  
January 1 - March 31 2016



- Similar to trends across the state, most animal rabies cases in the Northwest were seen in raccoon's.
- Northwest region also had the only case of bat rabies in the state this quarter.

## OUTBREAK/CLUSTER REPORTING

# Northwest Region Outbreaks



- 20 outbreaks reported and investigated in the Northwest Region during the quarter, A decrease of 33 % from the 30 outbreaks reported in the 1st quarter of 2015.
- Majority of Outbreaks were GI.
- Most Outbreaks occurred in School/University settings.





Questions?