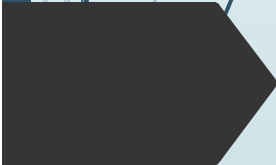
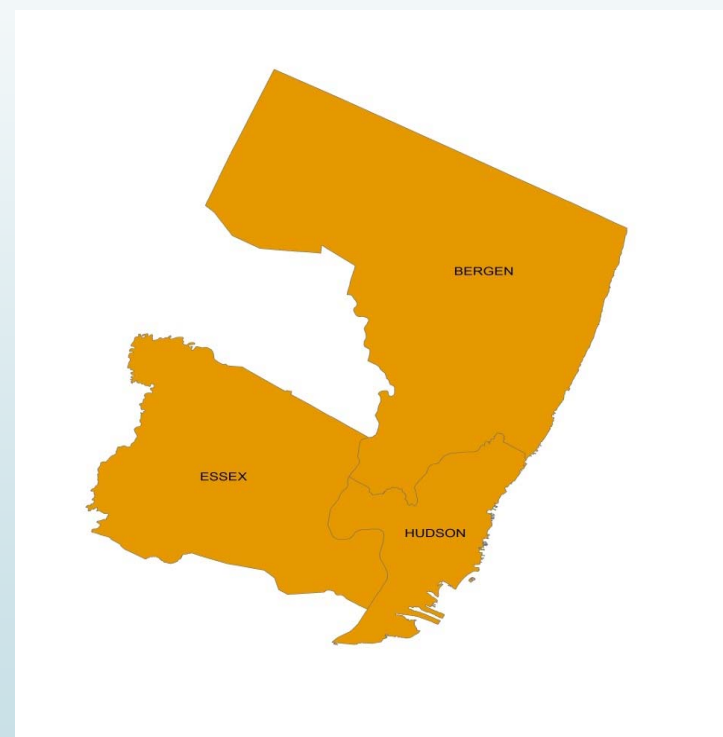





EPIDEMIOLOGY SURVEILLANCE REPORT Northeast Region



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

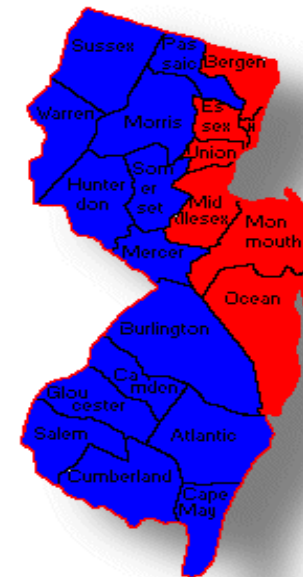
- Provide an overview of communicable disease activity.
- Describe quarterly trends in select communicable diseases
- Highlight interesting and/or notable outbreaks/clusters and/or investigations.



Select Disease Trends and Activity

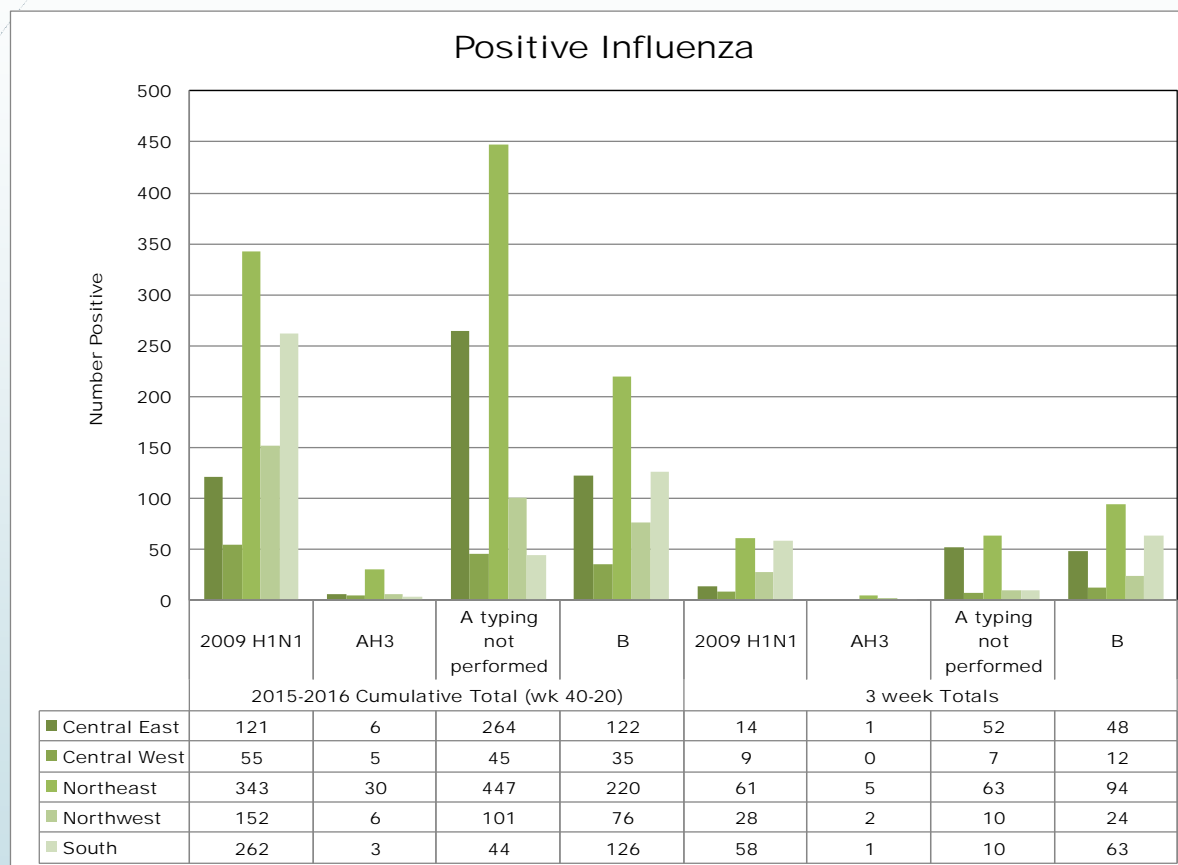
Influenza Activity

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



Moderate Influenza Activity level Statewide and High Influenza activity level in the Northeast Region.

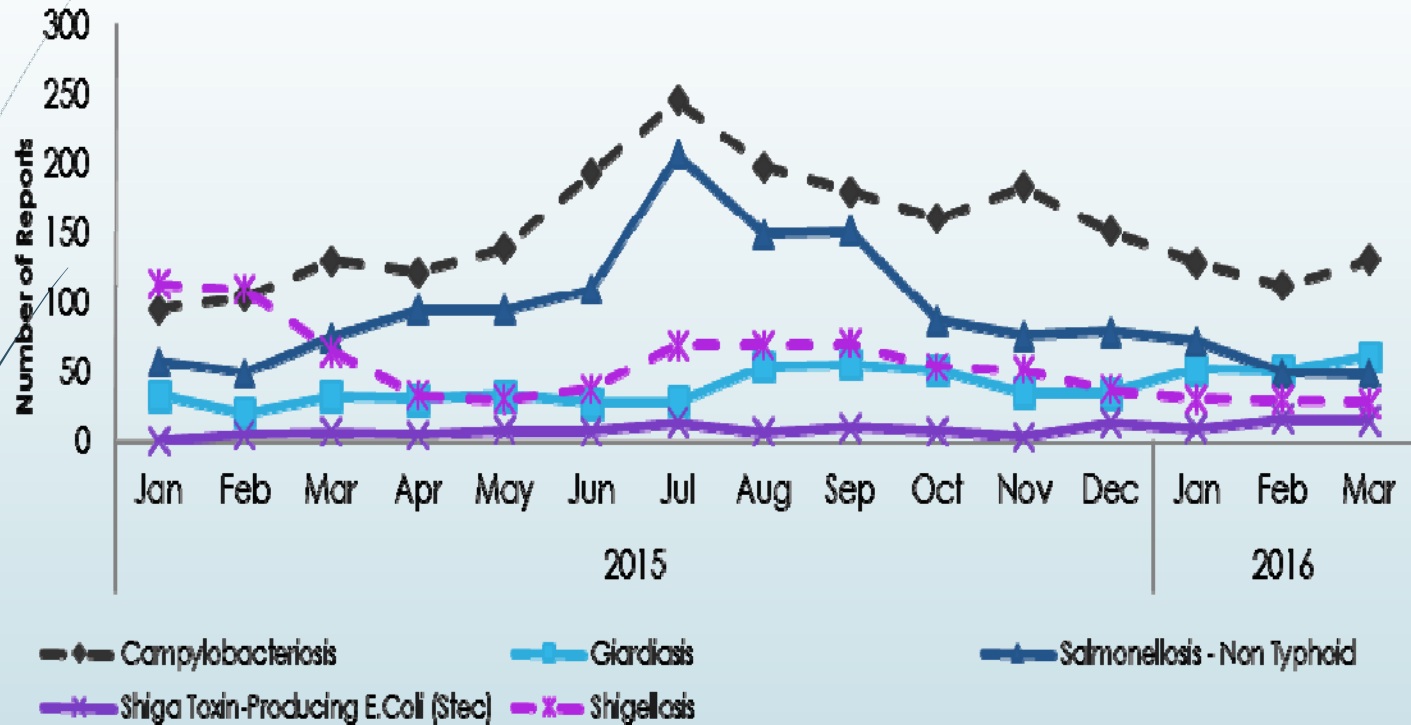
Influenza Activity



Week ending April 9, 2016 (MMWR week 14)

Enteric Diseases – New Jersey

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

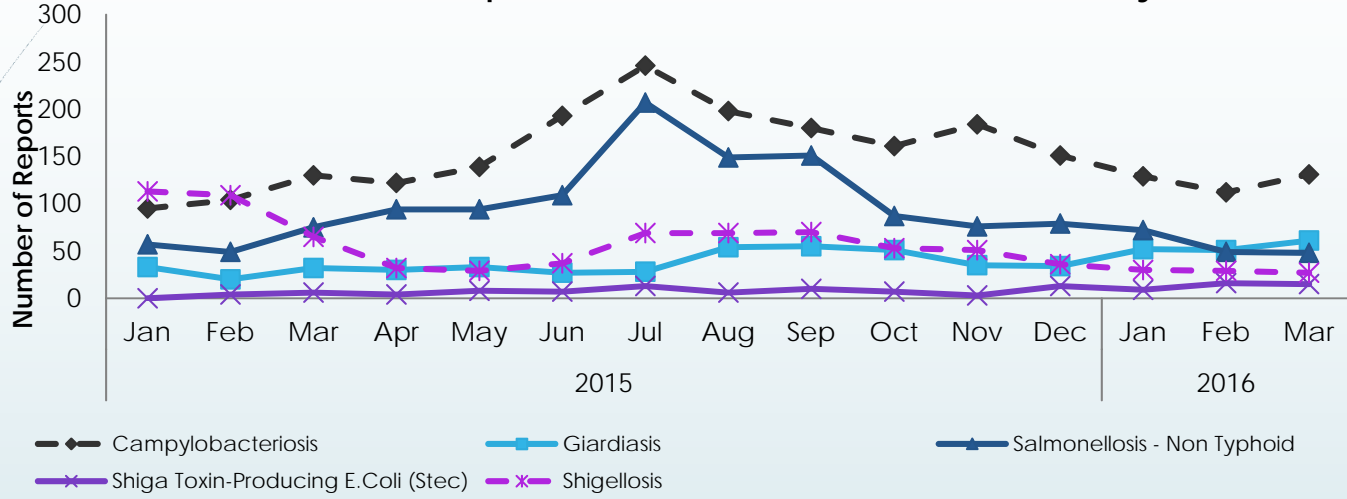


General Decline in Enteric Disease Activity

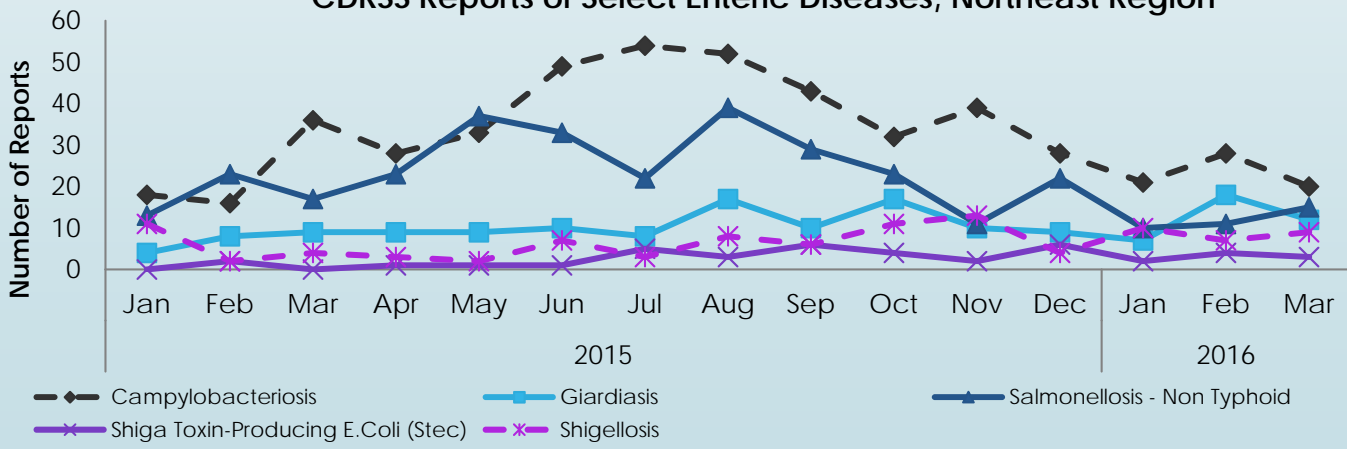
*Includes total number of reports entered into the Communicable Disease Reporting and Surveillance System (CDRSS) each month for select diseases. Excludes merged and deleted reports. Includes all case statuses (i.e. CONFIRMED, PROBABLE, POSSIBLE, REPORT UNDER INVESTIGATION (RUI)). Data reflect the reporting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

Enteric Diseases Northeast

CDRSS Reports of Select Enteric Diseases, New Jersey

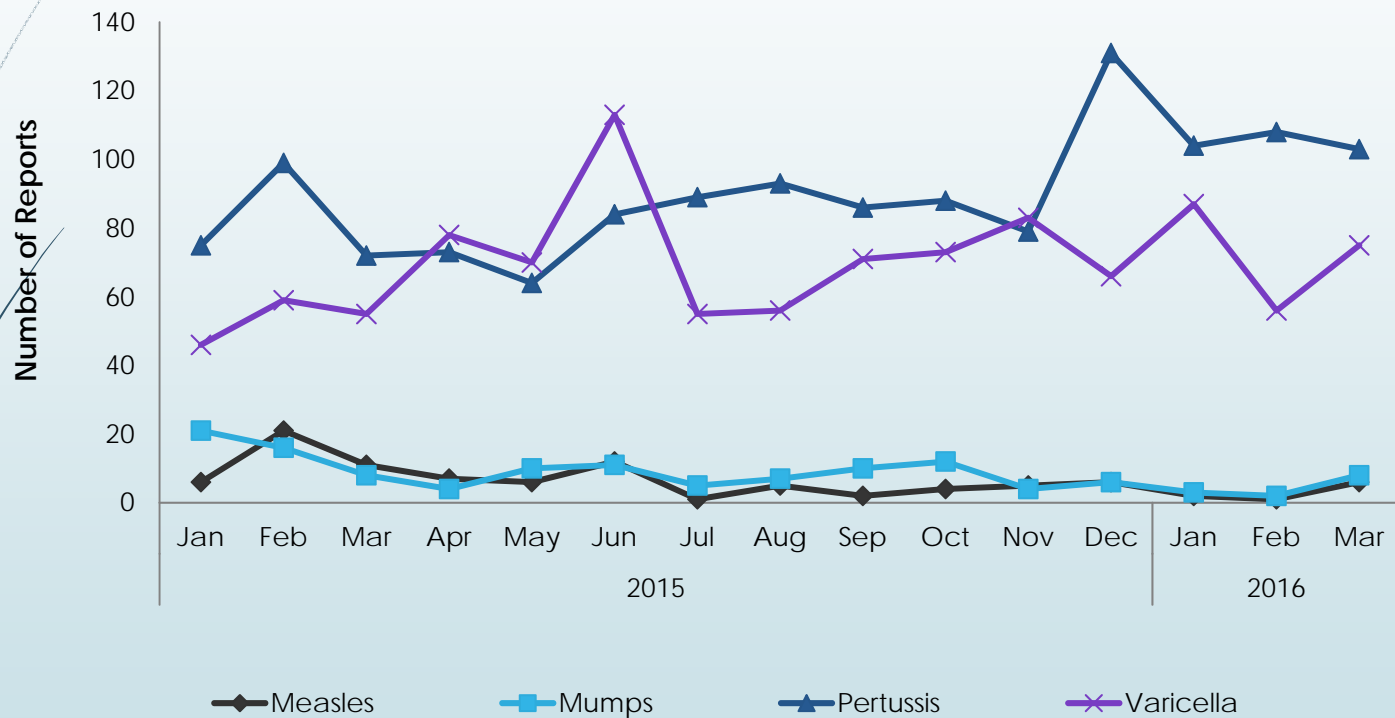


CDRSS Reports of Select Enteric Diseases, Northeast Region



Vaccine Preventable Diseases New Jersey

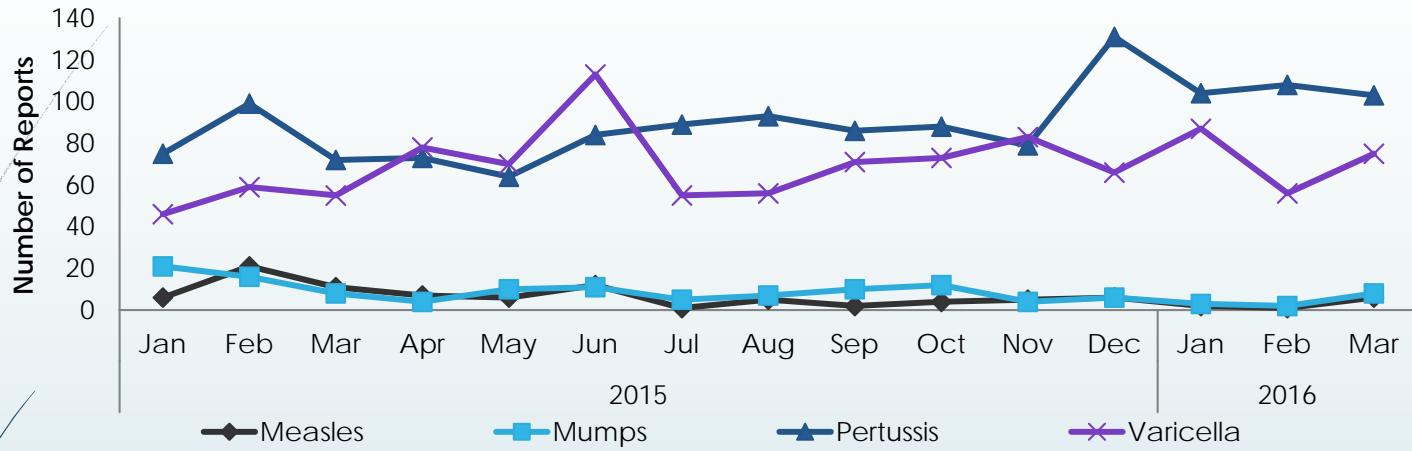
CDRSS Select Reports of Vaccine Preventable Diseases, New Jersey



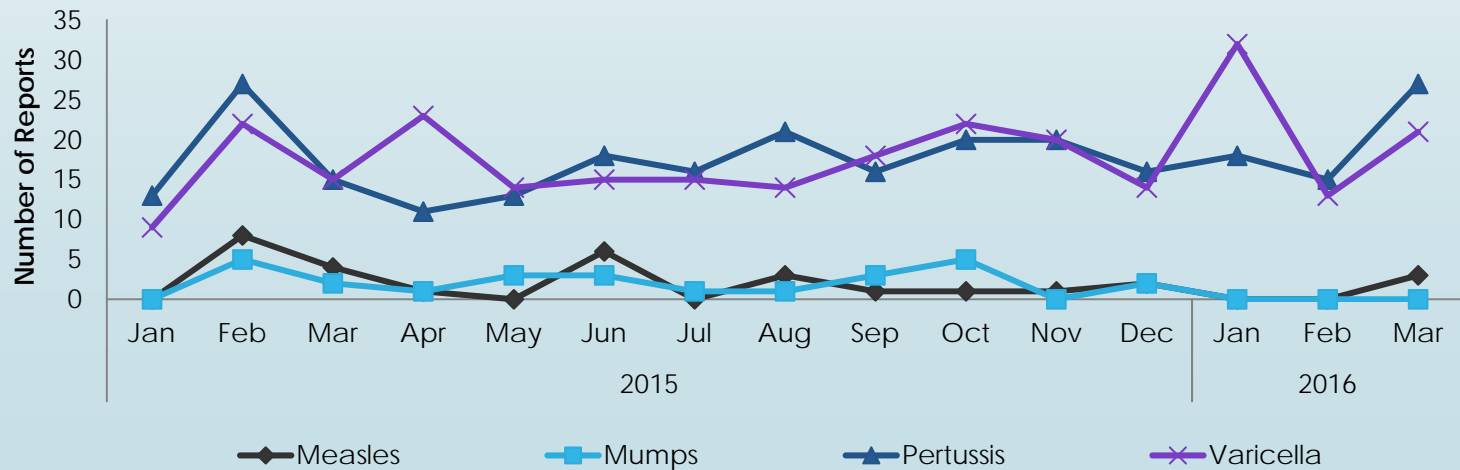
*Includes total number of reports entered into the Communicable Disease Reporting and Surveillance System (CDRSS) each month for select diseases. Excludes merged and deleted reports. Includes all case statuses (i.e. CONFIRMED, PROBABLE, POSSIBLE, REPORT UNDER INVESTIGATION (RUI)). Data reflect the reporting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

Vaccine Preventable Diseases: Northeast

CDRSS Select Reports of Vaccine Preventable Diseases, New Jersey



CDRSS Select Reports of Vaccine Preventable Diseases, Northeast Region

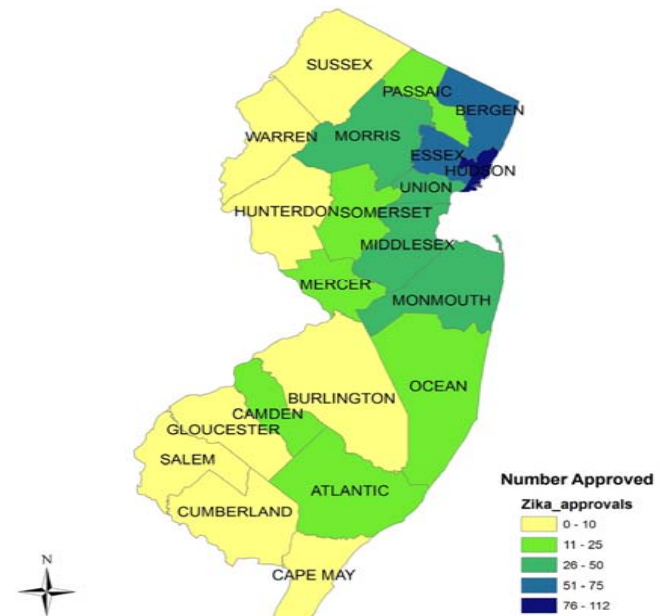


Vectorborne and Zoonotic Diseases

Zika Virus

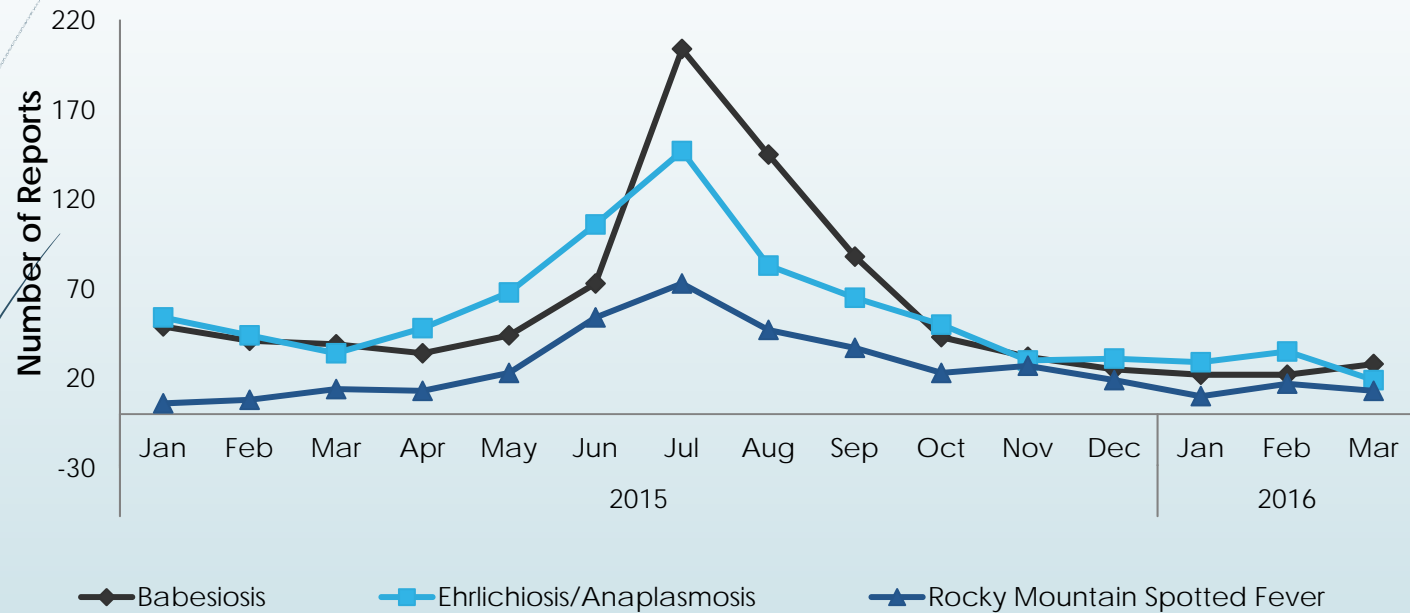
Across the State, most requests were from the NE Region, with Hudson County having the most requests within the region.

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



Vectorborne and Zoonotic Diseases New Jersey

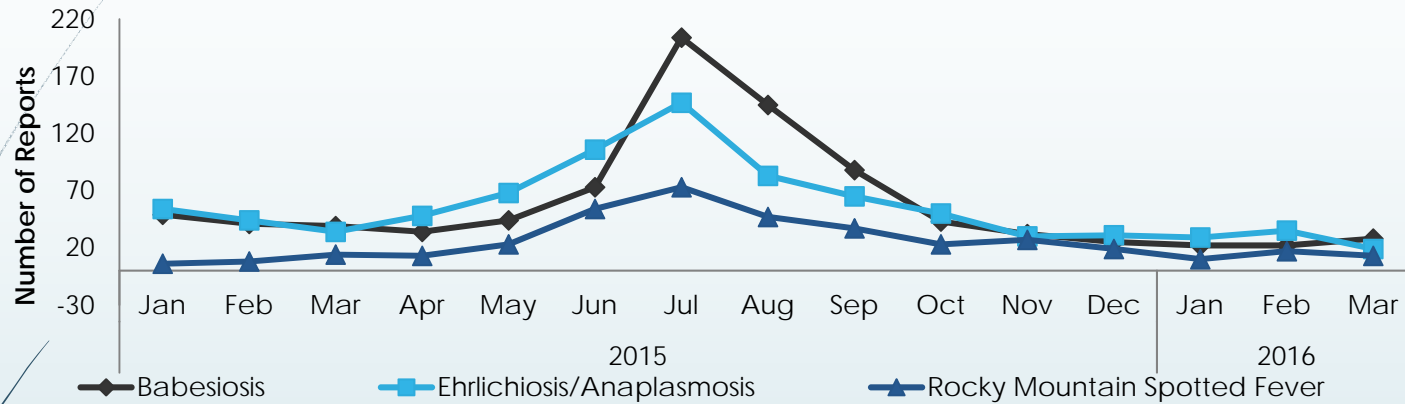
CDRSS Reports of Select Tick Borne Diseases New Jersey



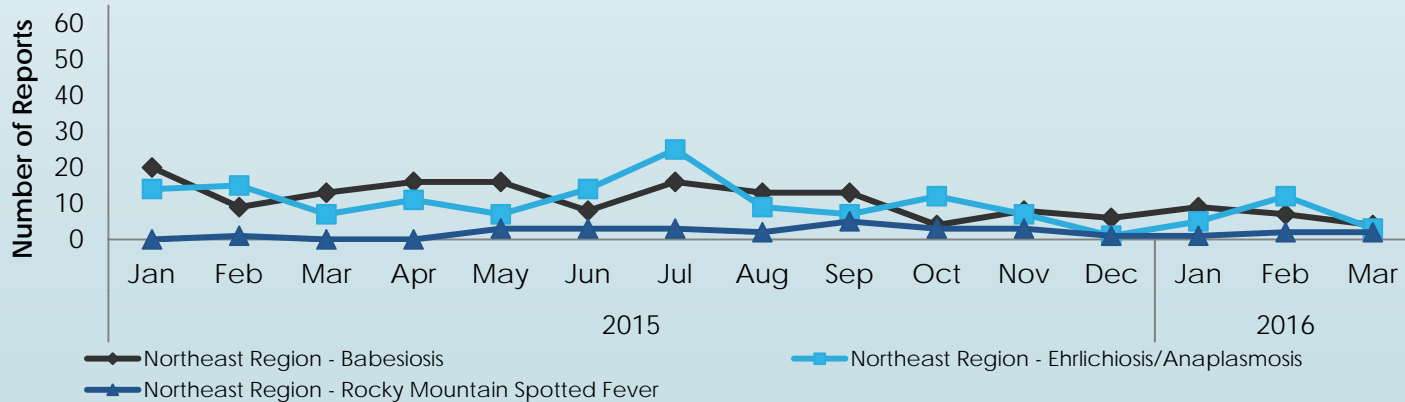
*Includes total number of reports entered into the Communicable Disease Reporting and Surveillance System (CDRSS) each month for select diseases. Excludes merged and deleted reports. Includes all case statuses (i.e. CONFIRMED, PROBABLE, POSSIBLE, REPORT UNDER INVESTIGATION (RUI), NOT A CASE). Data reflect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

Vectorborne and Zoonotic Diseases Northeast Region

CDRSS Reports of Select Tick Borne Diseases New Jersey



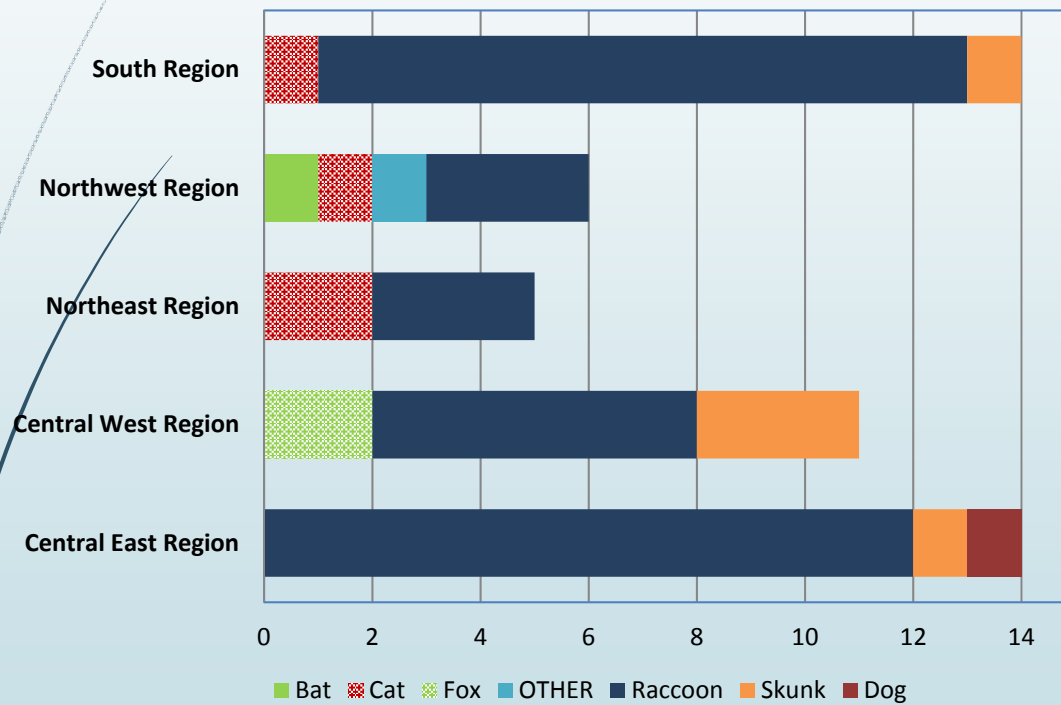
CDRSS Reports of Select Tick Borne Diseases Northeast



*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

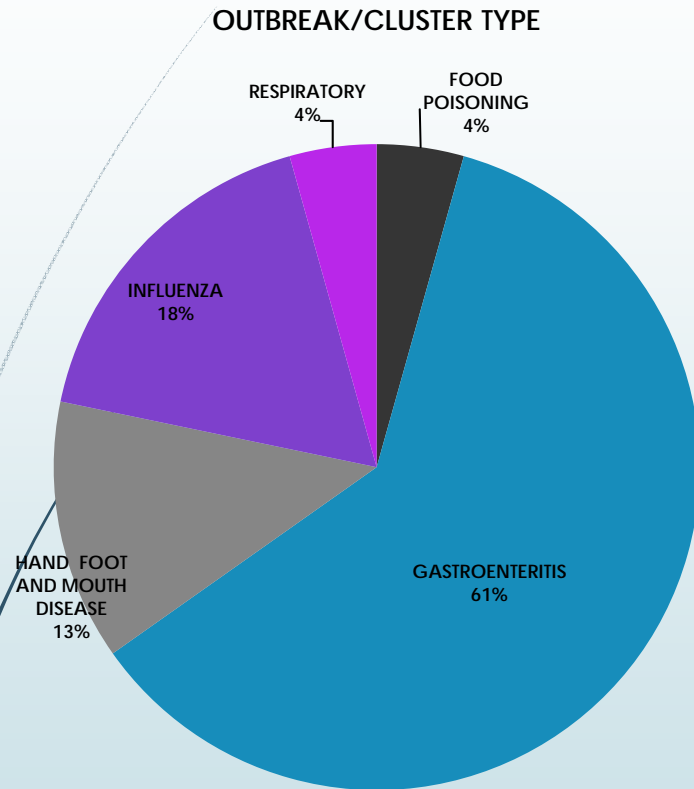
New Jersey Animal Rabies Cases by Region and Species
January 1 - March 31 2016



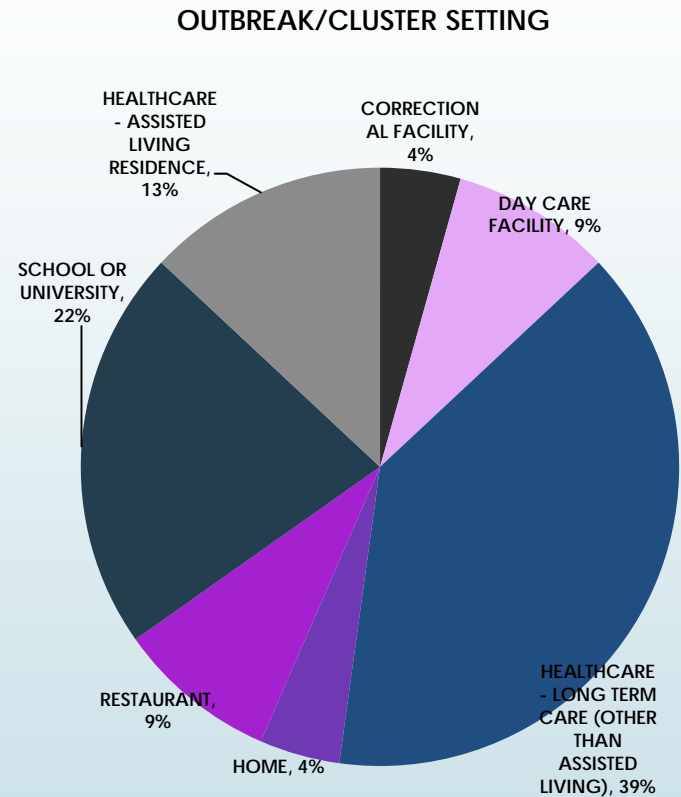
- Northeast region had the least number of rabies reports this quarter compared to other regions in NJ.
- Central East and South had the highest number of animal rabies cases in the State compared to the other regions.

OUTBREAK/CLUSTER REPORTING

Northeast Region Outbreaks



N=23



- 23 outbreaks reported and investigated in the Northeast Region during the quarter, A decrease of 28 % from the 32 outbreaks reported in the 1st quarter of 2015.
- Majority of Outbreaks were GI.
- Most outbreaks occurred in LTC settings.



Questions?