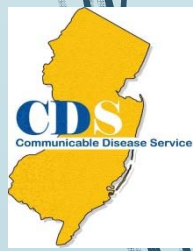


EPIDEMIOLOGY SURVEILLANCE REPORT

Southern Region

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South/Central East Region



4/1/2016



Note:

This report is for use by Public Health Officials only and 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



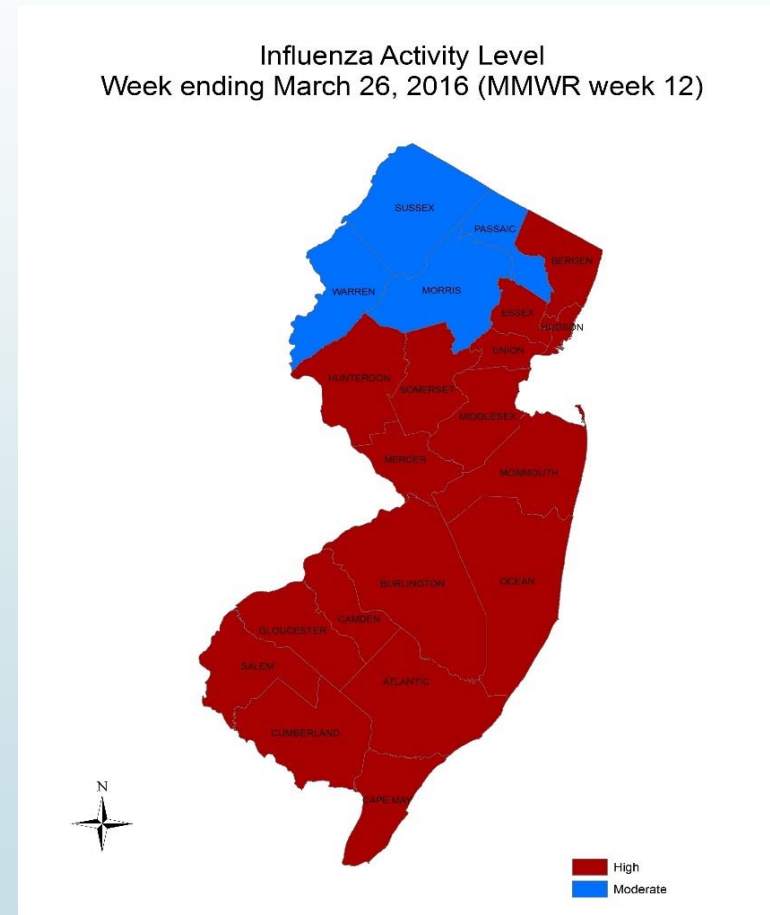
Select Disease Trends and Activity

4/1/2016

Influenza Activity

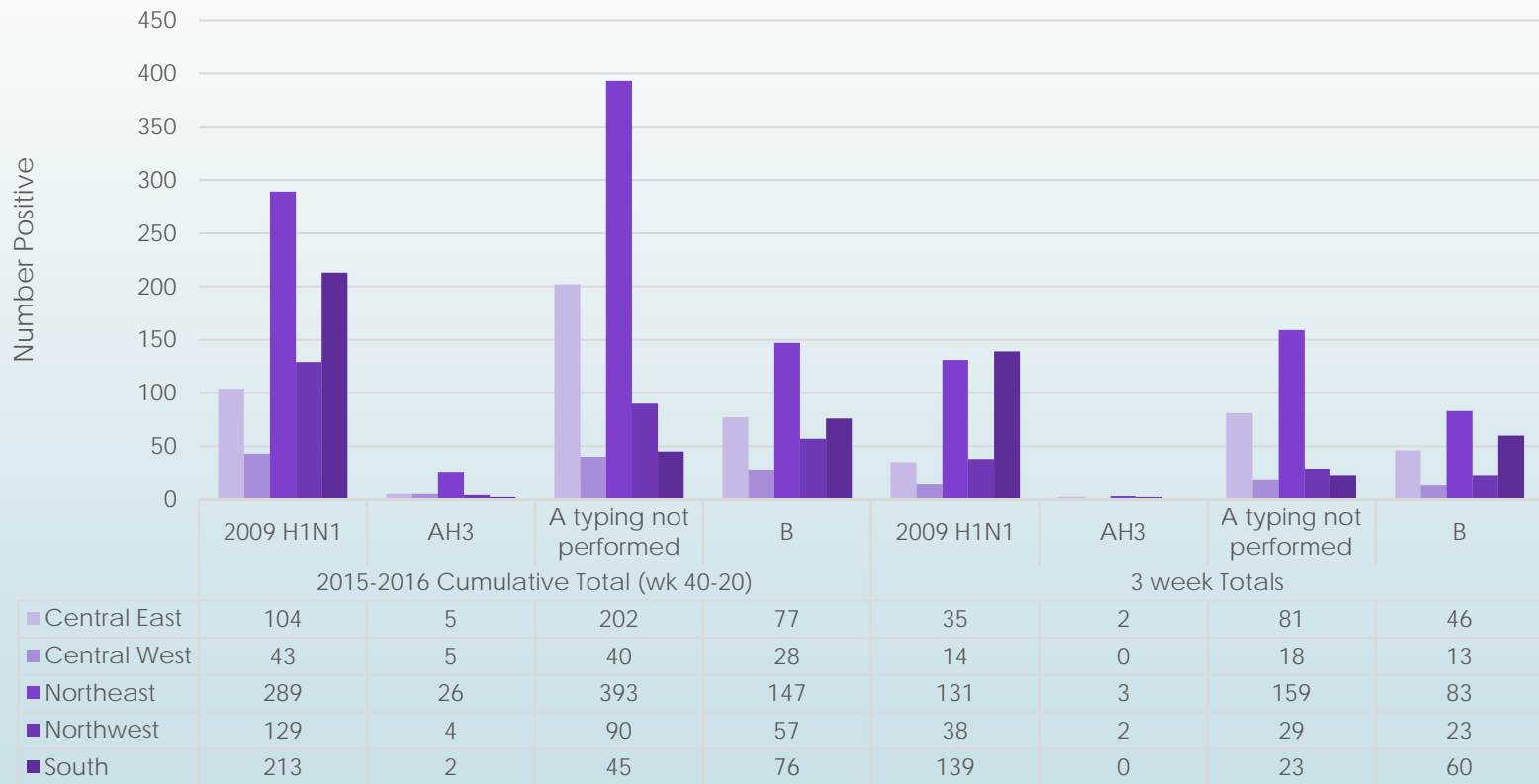
Influenza Activity Level ²	
State Activity Week ending 3/26: HIGH	
Current week Last year: HIGH	
Regional ³ Data	
Northwest	MODERATE
Northeast	HIGH
Central West	HIGH
Central East	HIGH
South	HIGH

General Increase in Influenza Activity Statewide and Southern Region



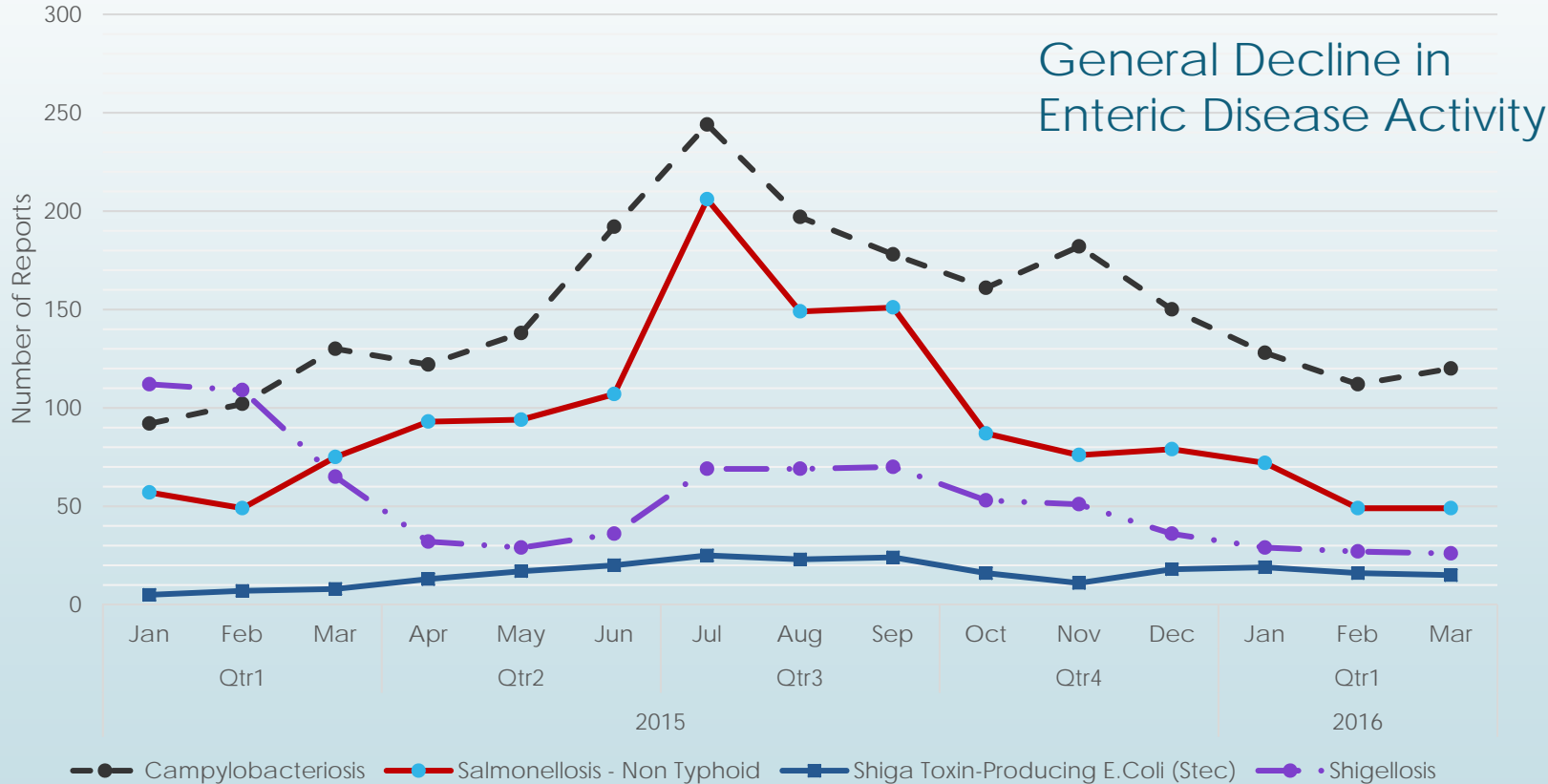
Influenza Activity

Influenza Positive (PCR) results by Region Chart



Enteric Diseases State

Figure 1. CDRSS Reports of Select Enteric Diseases: NJ
January 2015-March 30, 2016

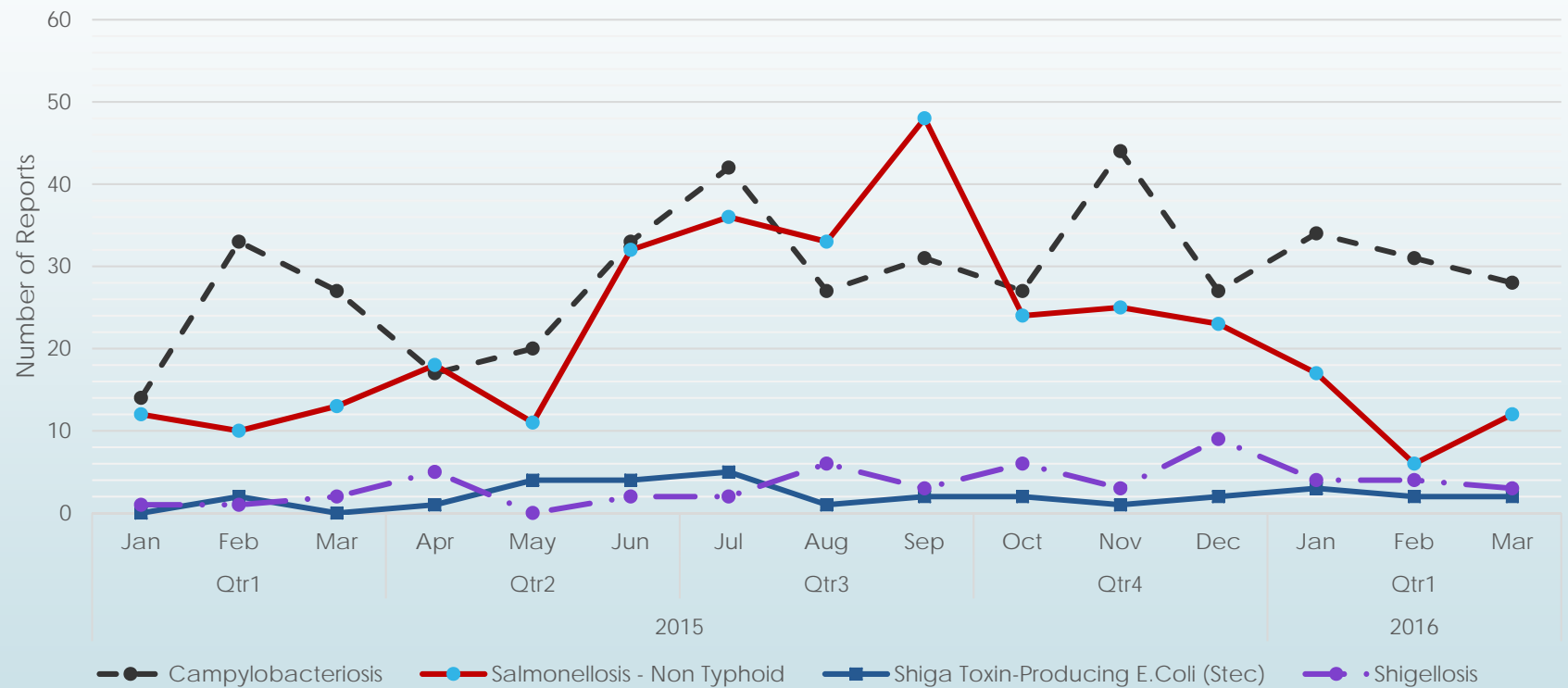


4/1/2016

*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 Southern Region

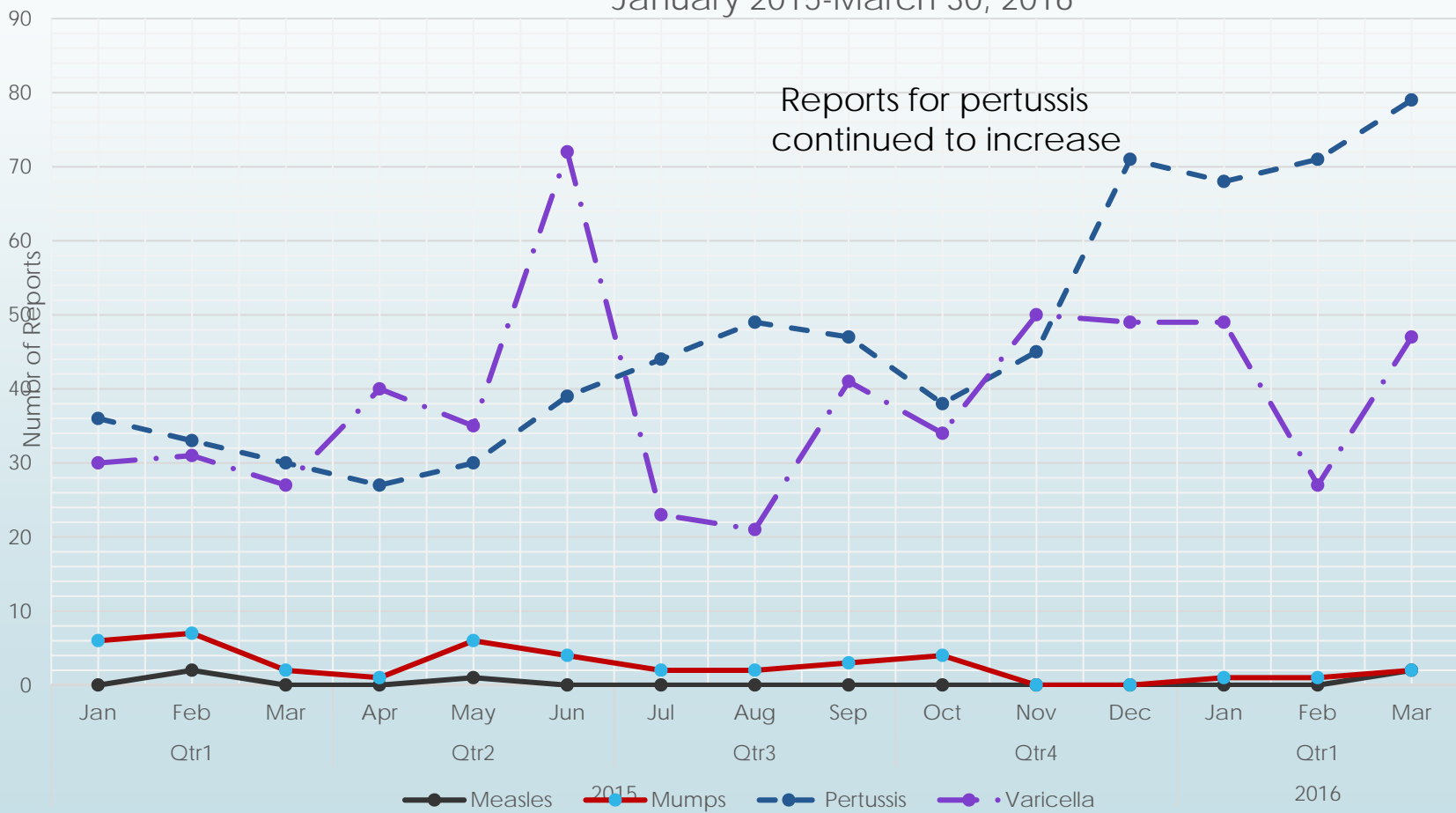
Figure 2 . CDRSS Reports of Select Enteric Diseases, Southern Region
January 2015- March 30,2016



Reports for salmonellosis and campylobacteriosis declined from previous quarter. Reports for other enteric diseases in the Southern Region remained low

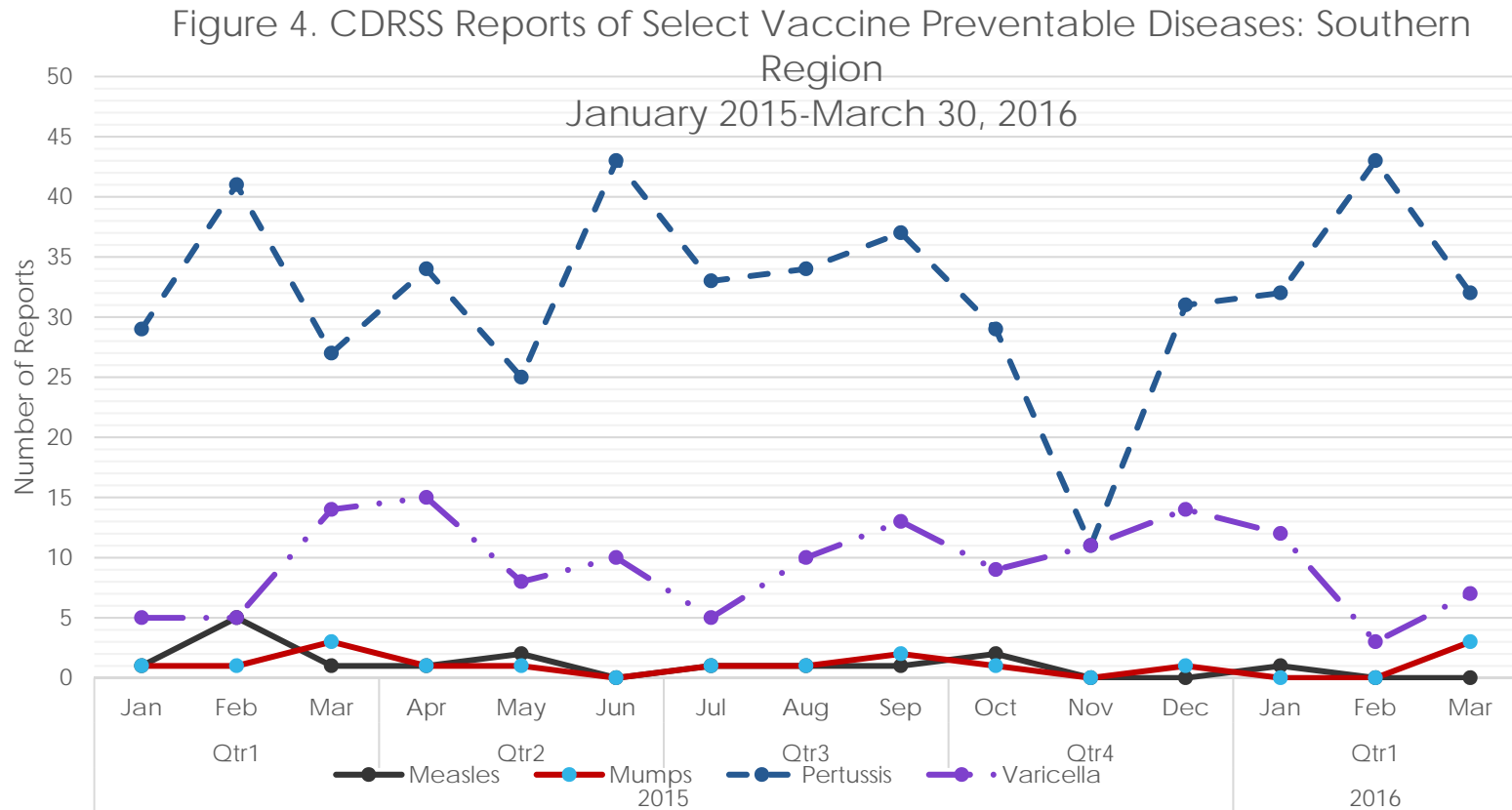
Vaccine Preventable Diseases State

Figure 3. CDRSS Reports of Select Vaccine Preventable Diseases: NJ
January 2015-March 30, 2016



*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 Southern Region



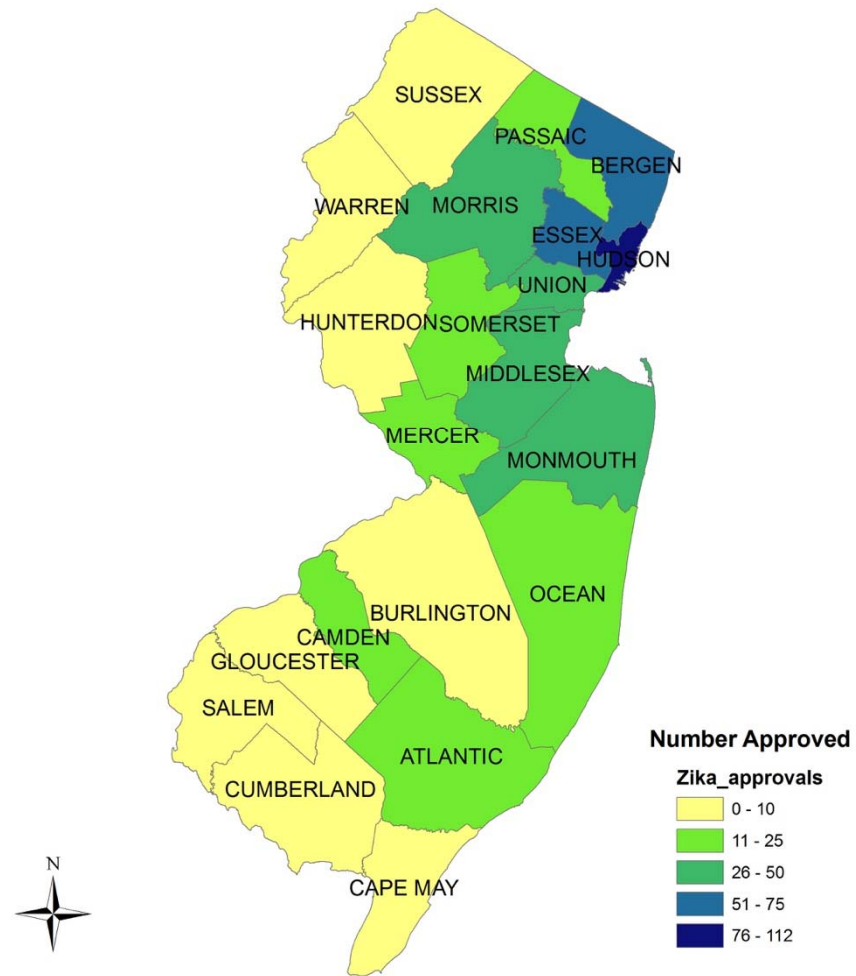
Reports for pertussis remained in the South continue to be the highest. Varicella declined slightly from previous quarter, while other VPD remained low.

Vectorborne and Zoonotic Diseases

Zika Virus

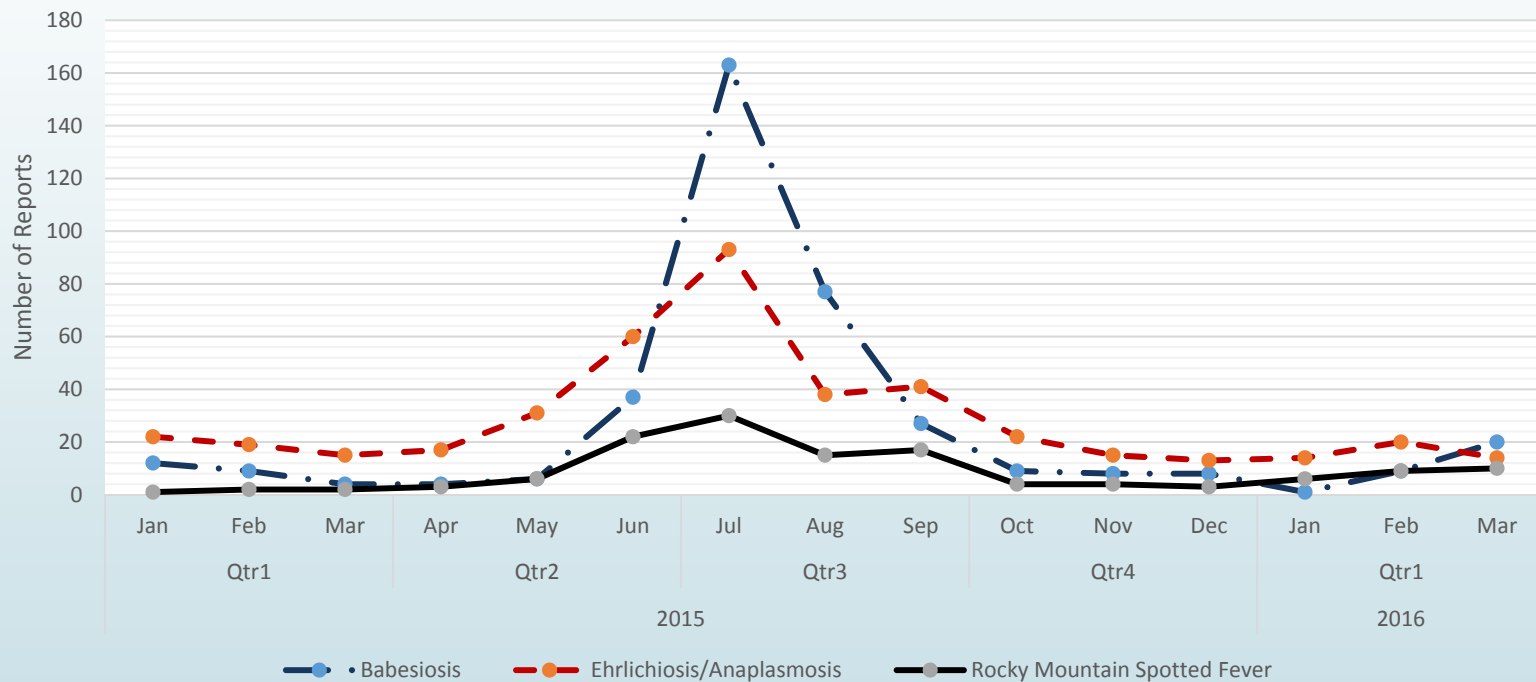
Number of Requests Approved For Zika Testing by County
March 29, 2016

- Most Requests coming from NE Region
- Southern Region – Generally fewer requests in comparison
- Atlantic and Camden Counties have had the most requests



Vectorborne and Zoonotic Diseases State

Figure 6. CDRSS Reports of Select Tickborne Diseases, NJ
January 2015-March 30, 2016

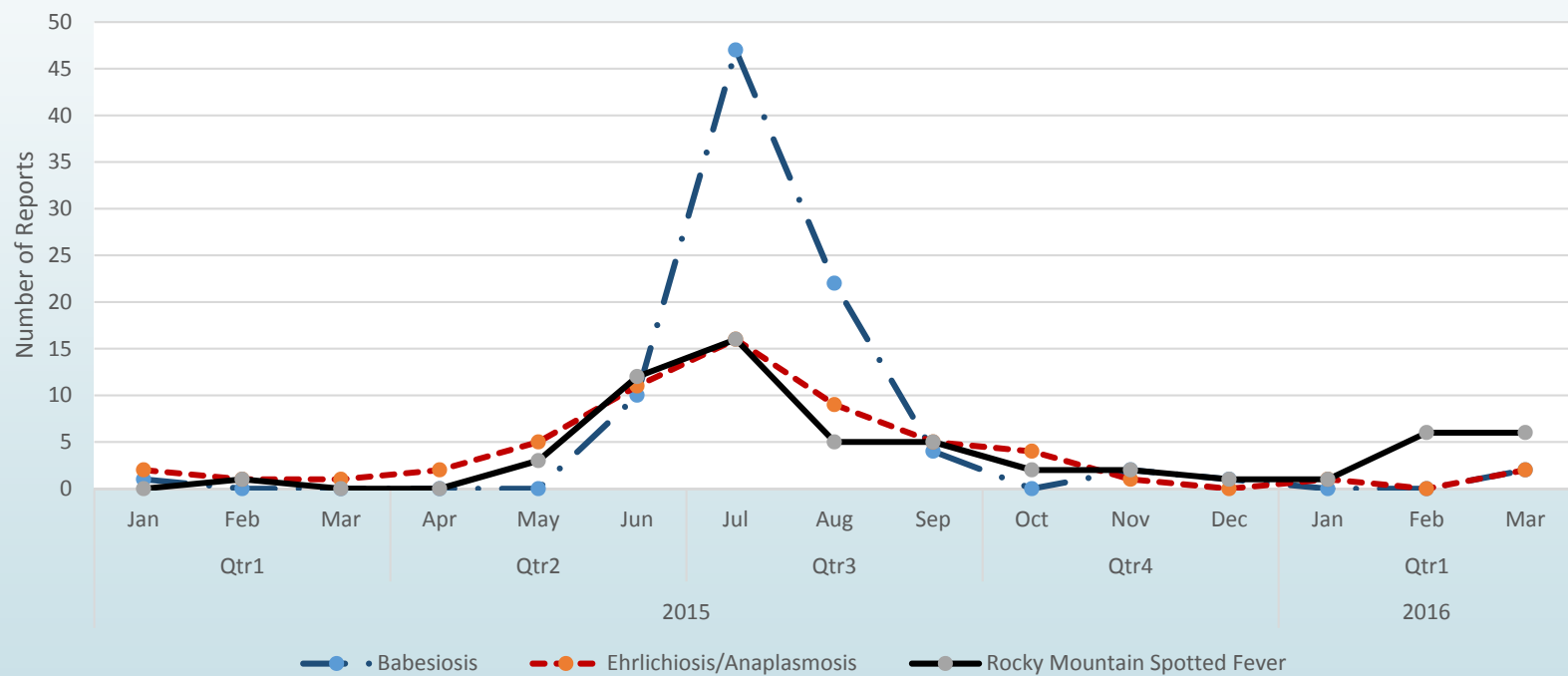


Slight increases in tickborne diseases observed this quarter.

*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 Southern Region

Figure 7. CDRSS Reports of Select Tickborne Diseases : Southern Region
January 2015- March 30, 2016

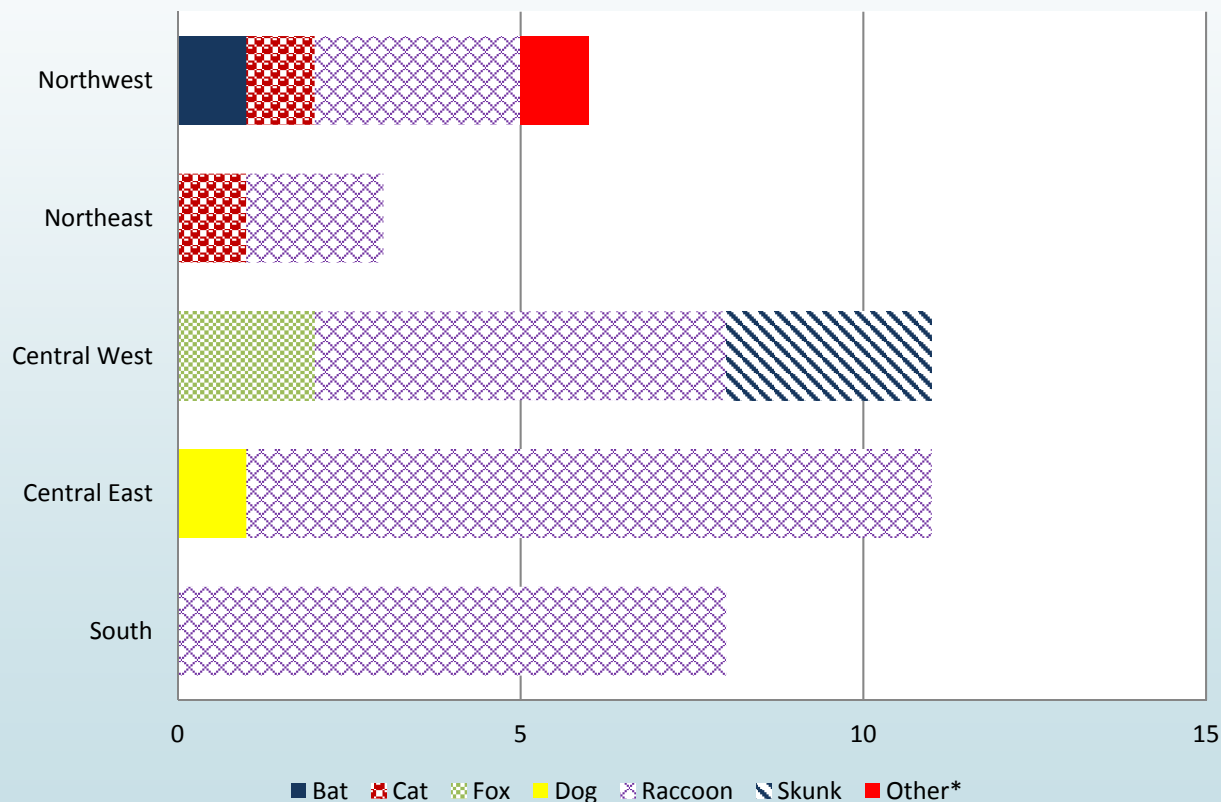


Slight increase in tickborne diseases observed this quarter.

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Vectorborne and Zoonotic Diseases

Figure 9. New Jersey Animal Rabies Cases by Region and Species. January 1- March 18, 2015



- The Southern Region had eight animal rabies cases, all raccoons
- Central East and Central West Region had the highest number of animal rabies cases
- The Northeast Region had the lowest

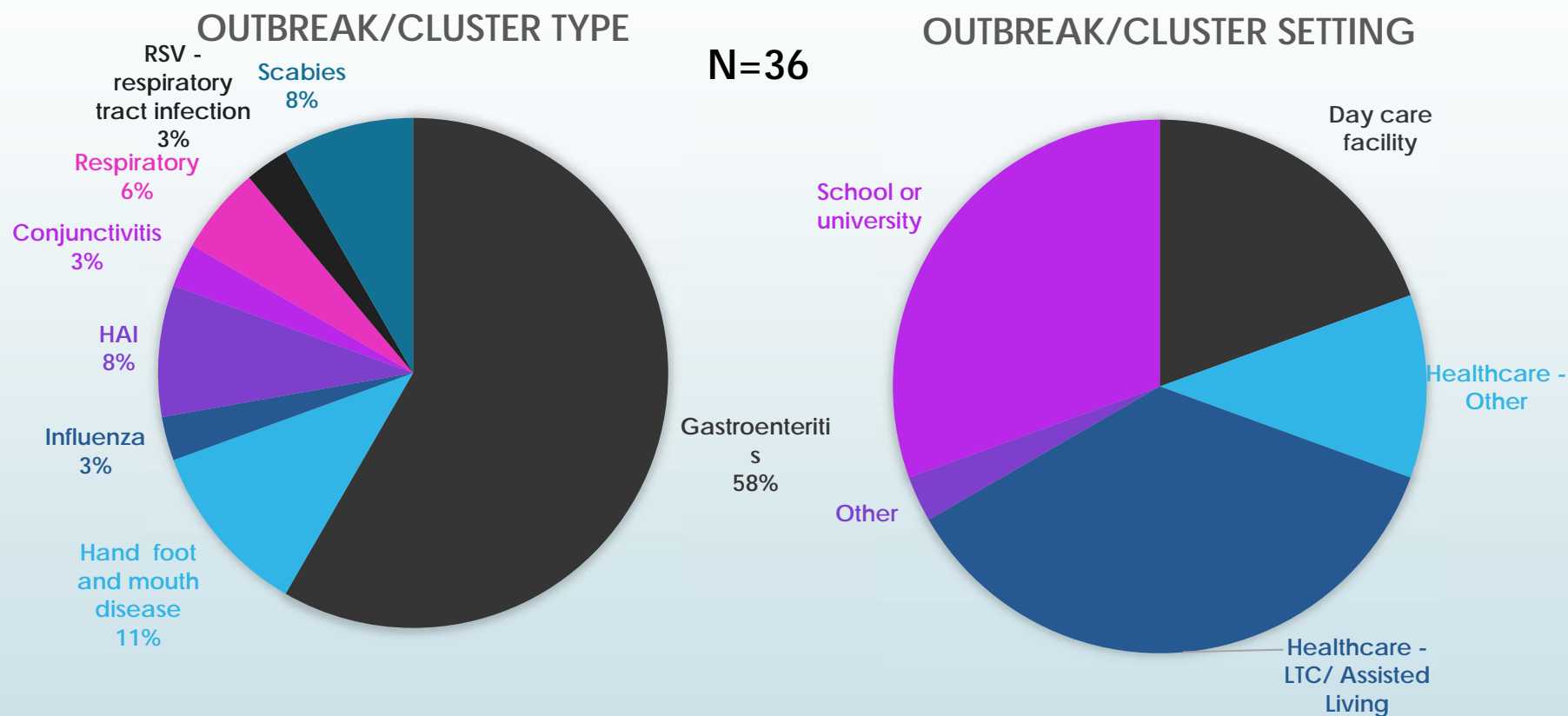


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OUTBREAK/CLUSTER REPORTING

4/1/2016

Southern Region Outbreaks



- ▶ 36 outbreaks reported and investigated in the Southern Region during the quarter, An increase of 200% from 12 outbreaks reported in the previous quarter.
- ▶ Majority of Outbreaks are GI related compared to Respiratory and ILI during similar period in 2015



Questions?