

## Quarterly Trends in Ohio Disease Incidence

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The current year's quarterly disease incidence is graphically presented to demonstrate general trends in surveillance data for selected Ohio reportable infectious diseases, including any statistically significant changes in the incidence observed. The trend graphs compare current disease incidence (i.e. observed cases) to baseline disease incidence (i.e. expected cases) by month. Baseline disease incidence was determined by calculating the average disease incidence over the past three years. Statistically significant changes in incidence are demonstrated by graphing 2 standard deviations above and below the average baseline disease incidence. A statistically significant difference in current disease incidence compared to baseline disease incidence suggests the difference is unlikely to have occurred by chance, and warrants further review by those performing investigations.

General surveillance trends are graphed at the state and regional levels. The Ohio counties included in the seven public health regions follow. The current year's data represents confirmed and probable cases of selected reportable diseases. In many instances, two trend lines can be seen graphed for the current year's quarterly incidence data: one for all cases, including those linked to a known outbreak, and one for cases not linked to a known outbreak. This was done for general comparison purposes only. It should be noted that not every graph will include a trend line for cases linked to a known outbreak as not all cases are outbreak-associated. For statistical reliability/stability purposes, only diseases for which 10 or more cases were reported over a given month are included in the statewide trends, while diseases for which 5 or more cases were reported in a given month are included in the regional trends.

All data for the current year are considered provisional and are subject to change upon further disease investigation. Disease data used in the calculation of the baseline (three year) average are finalized. All data are by month and year of illness onset. A case's reported county of residence was used to determine the region; if the county of residence was unknown, the county in which the health care provider, health care facility or local health department is located was used. The source of the data is the Ohio Disease Reporting System. Questions or comments regarding these graphs may be directed to the Ohio Department of Health Bureau of Infectious Diseases at (614) 995-5599.

### Regions:

**Central** – Crawford, Delaware, Fairfield, Fayette, Franklin, Hardin, Knox, Licking, Logan, Madison, Marion, Morrow, Pickaway, Union, Wyandot

**East Central** – Ashland, Carroll, Columbiana, Holmes, Mahoning, Medina, Portage, Richland, Stark, Summit, Trumbull, Tuscarawas, Wayne

**Northeast** – Ashtabula, Cuyahoga, Geauga, Lake, Lorain

**Northwest** – Allen, Auglaize, Defiance, Erie, Fulton, Hancock, Henry, Huron, Lucas, Mercer, Ottawa, Paulding, Putnam, Sandusky, Seneca, Van Wert, Williams, Wood

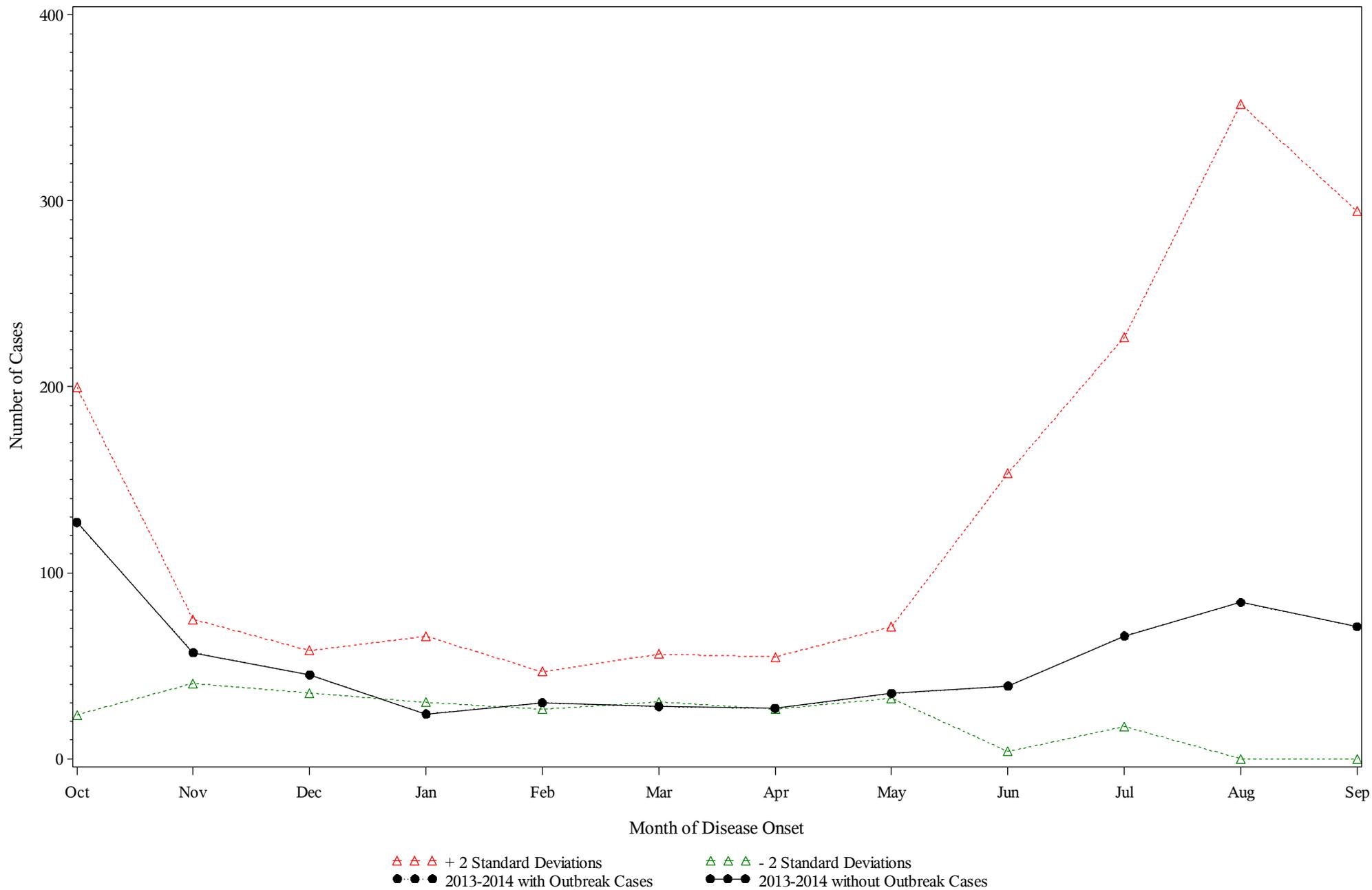
**Southeast** – Athens, Belmont, Coshocton, Gallia, Guernsey, Harrison, Hocking, Jackson, Jefferson, Lawrence, Meigs, Monroe, Morgan, Muskingum, Noble, Perry, Pike, Ross, Scioto, Vinton, Washington

**Southwest** – Adams, Brown, Butler, Clermont, Clinton, Hamilton, Highland, Warren

**West Central** – Champaign, Clark, Darke, Greene, Miami, Montgomery, Preble, Shelby

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Aseptic Meningitis



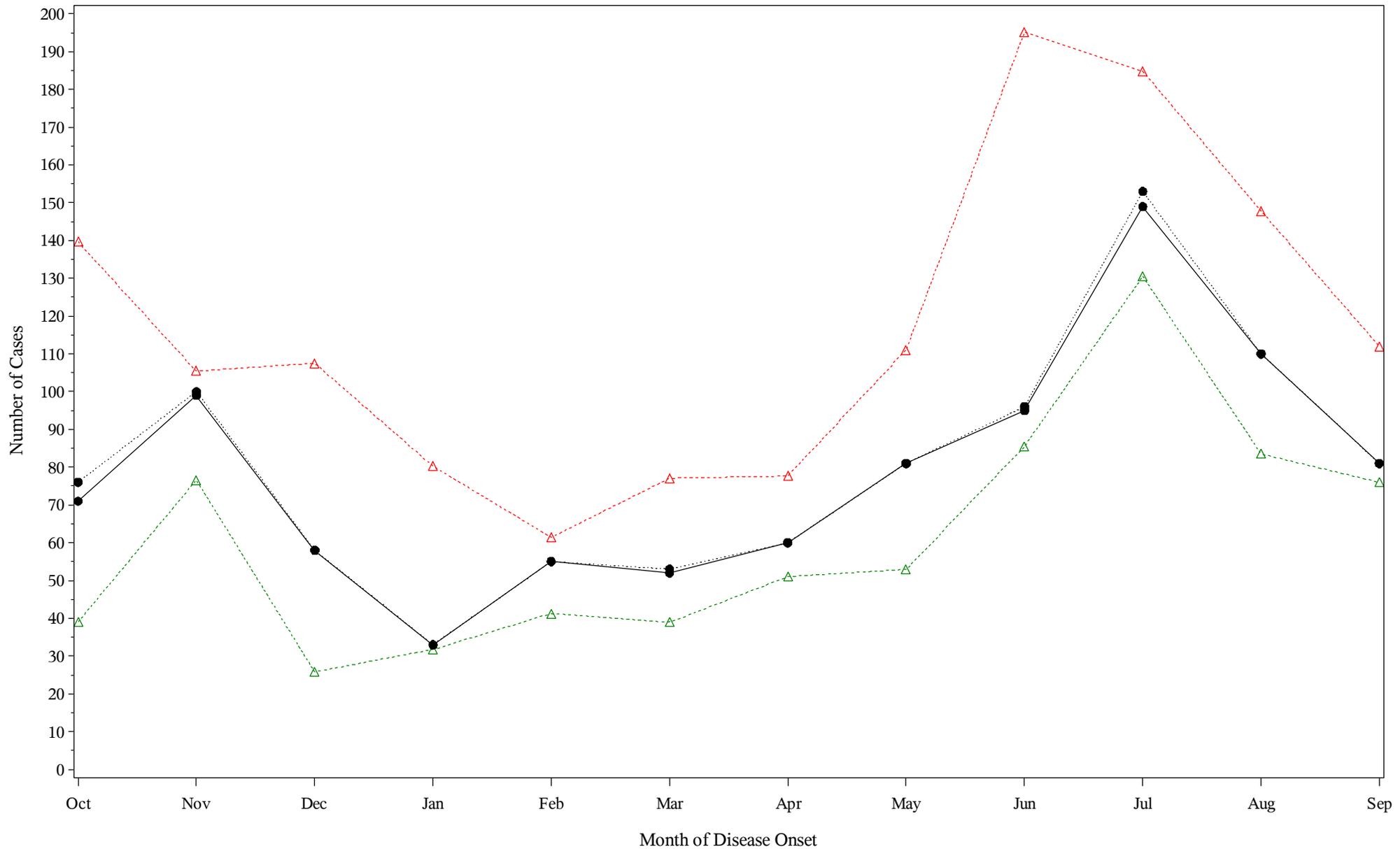
Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013

Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Campylobacteriosis



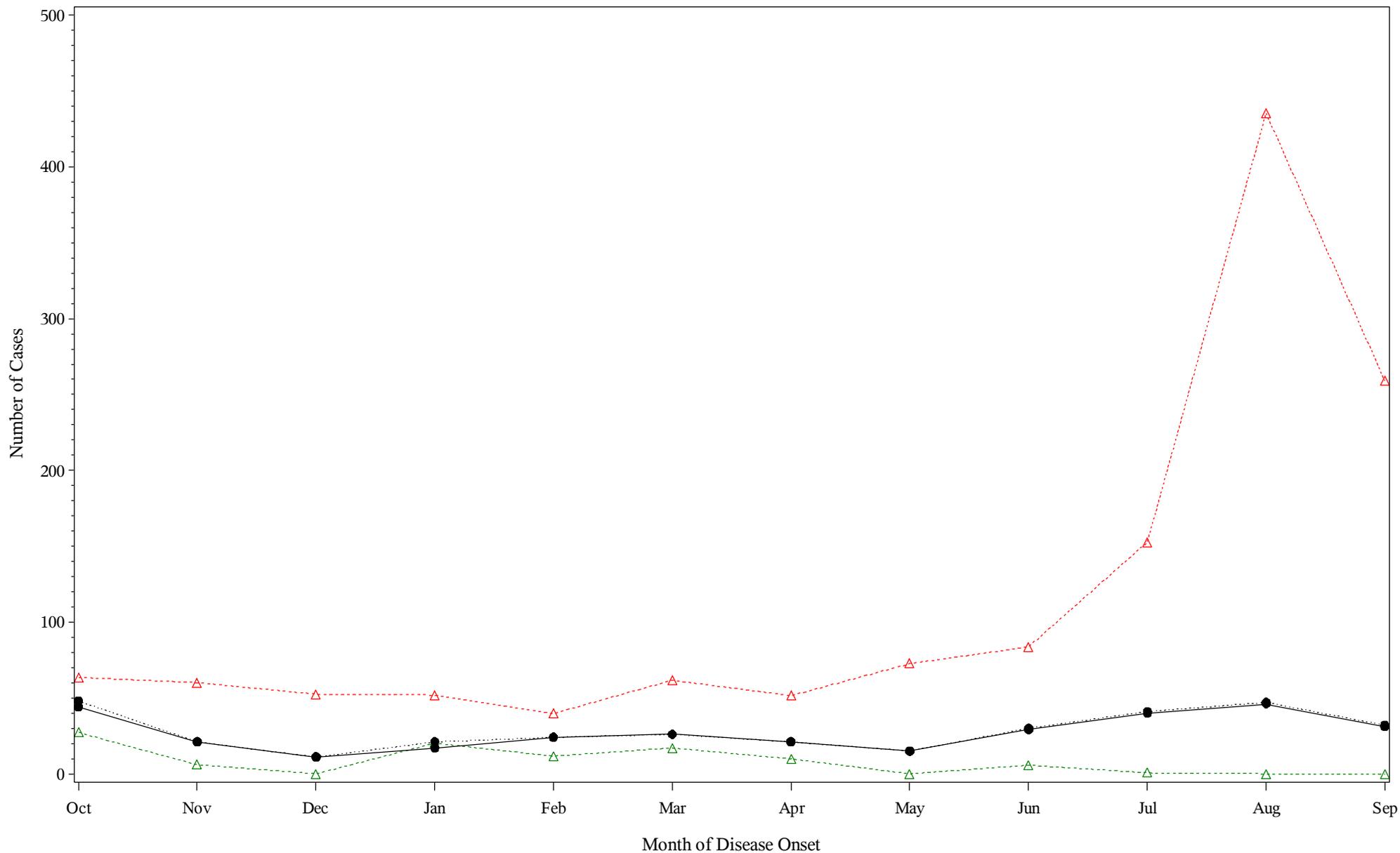
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Cryptosporidiosis



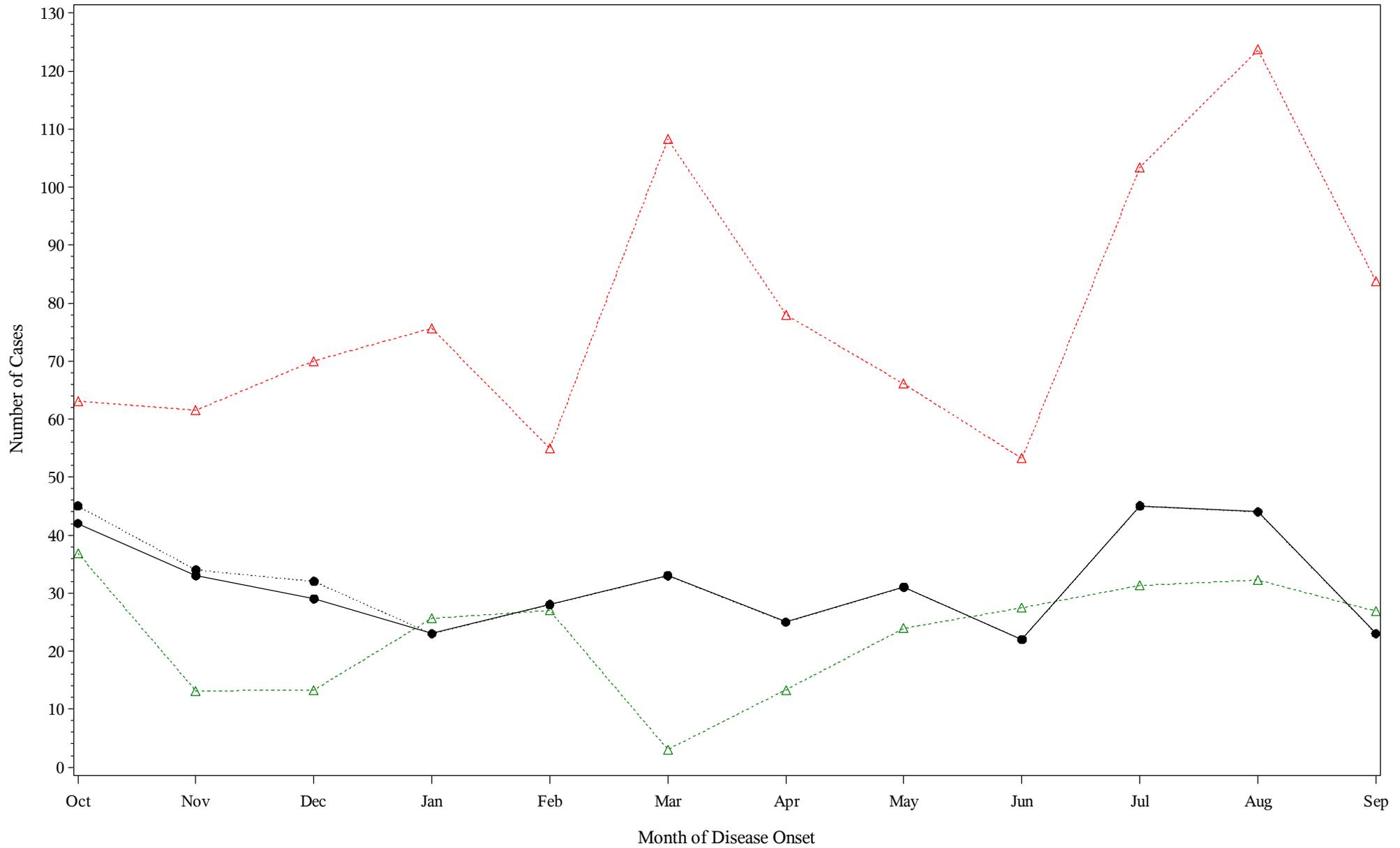
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Giardiasis



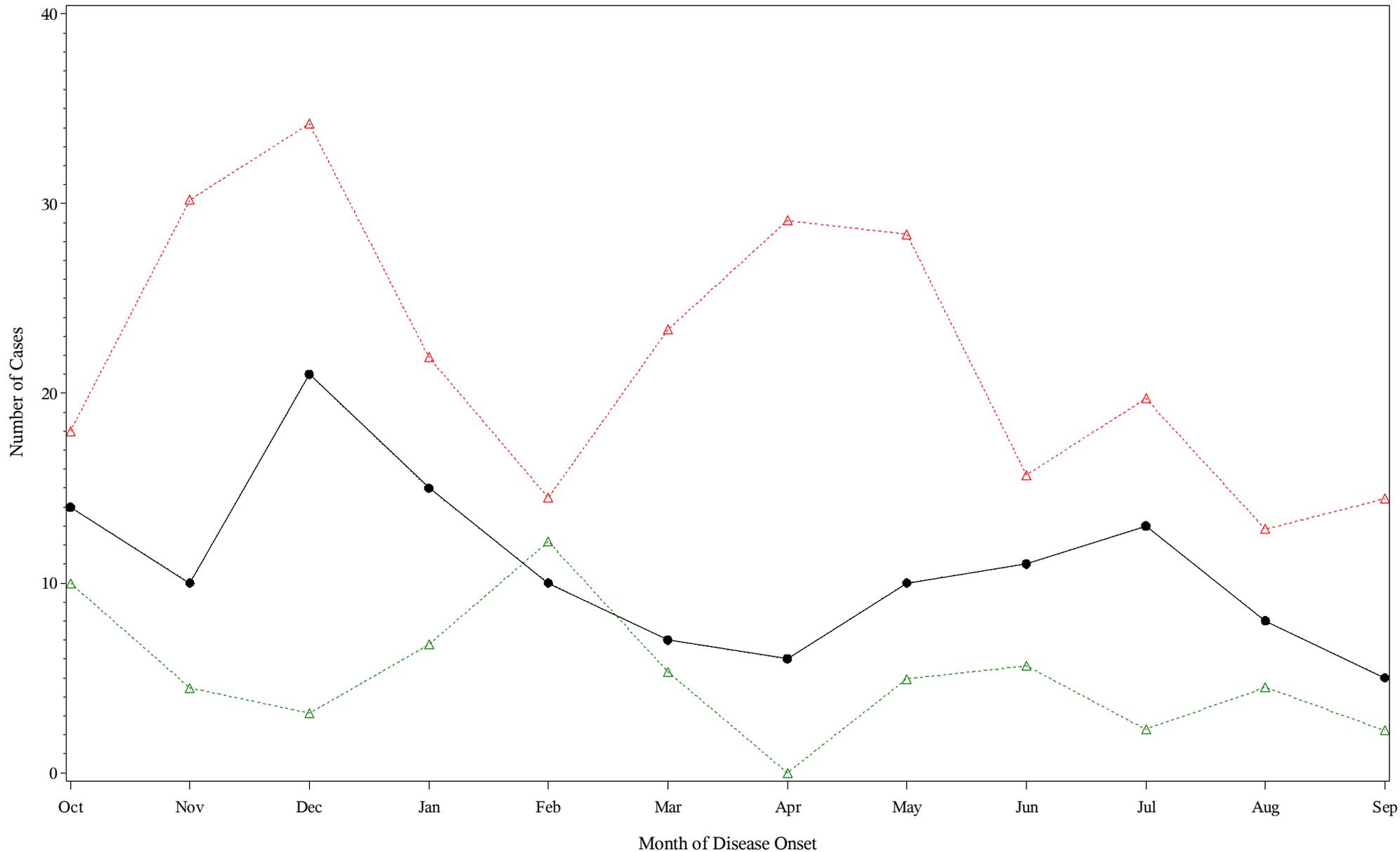
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Haemophilus influenzae, Invasive



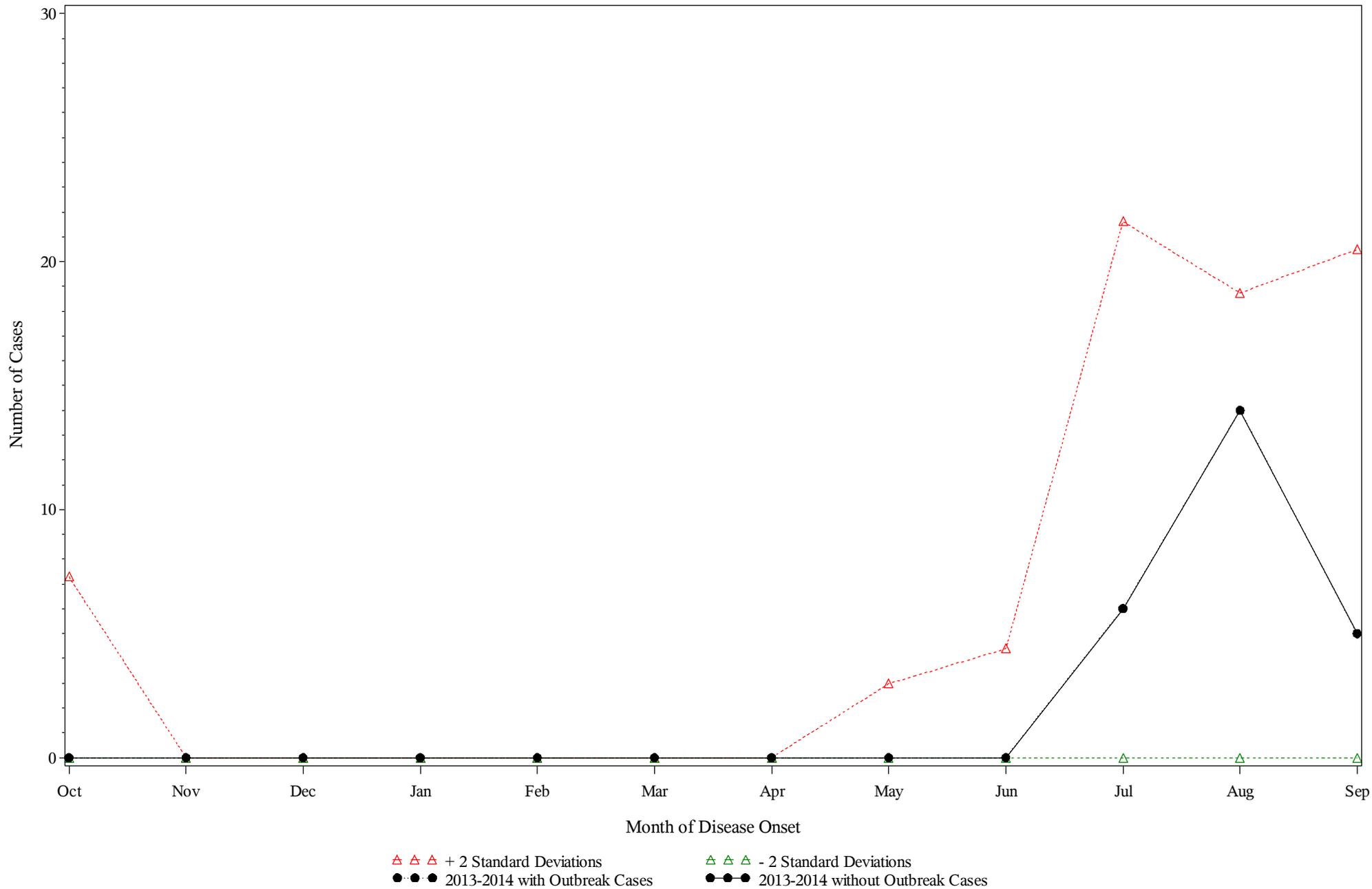
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 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## LaCrosse Virus Disease



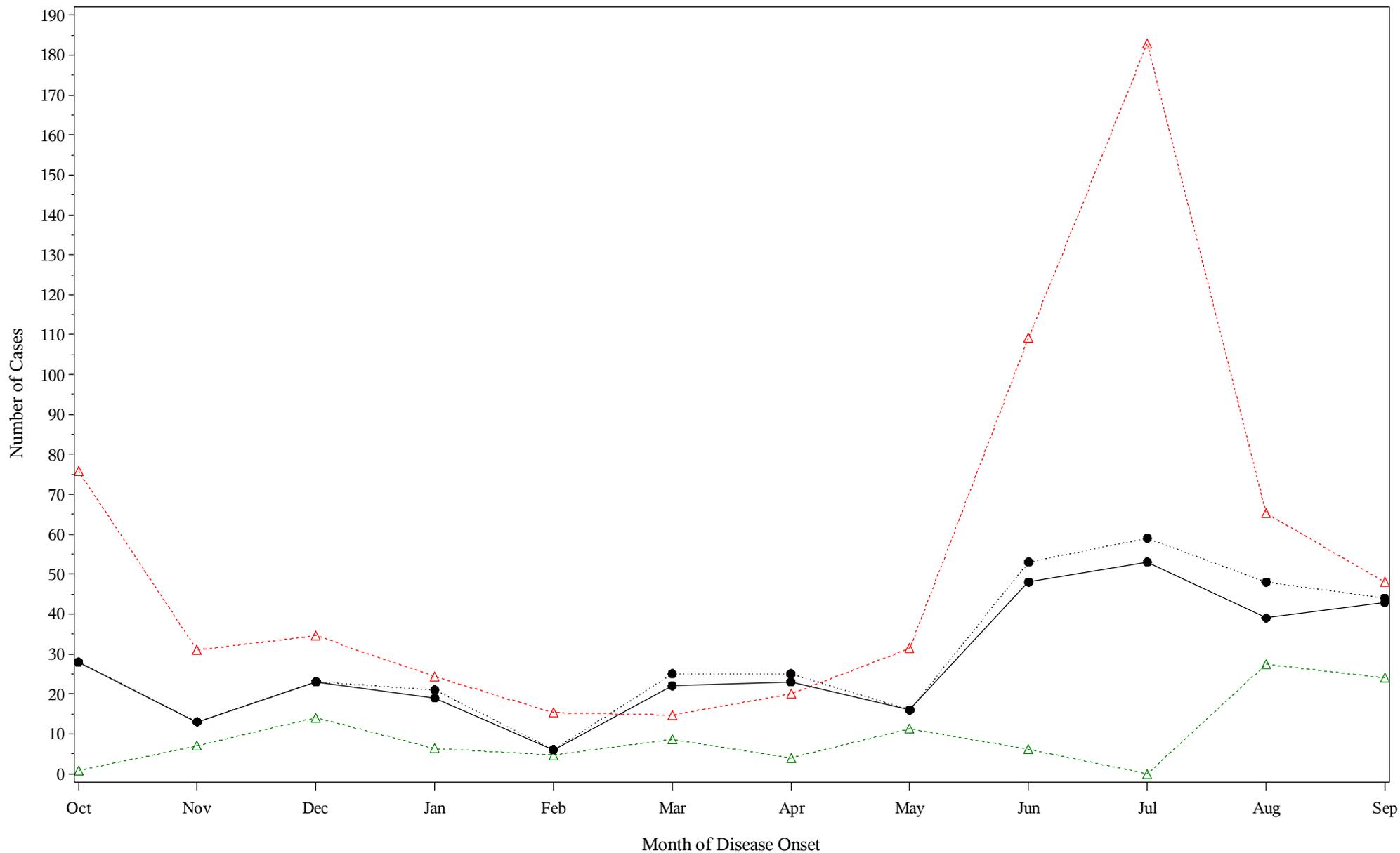
Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013

Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Legionellosis



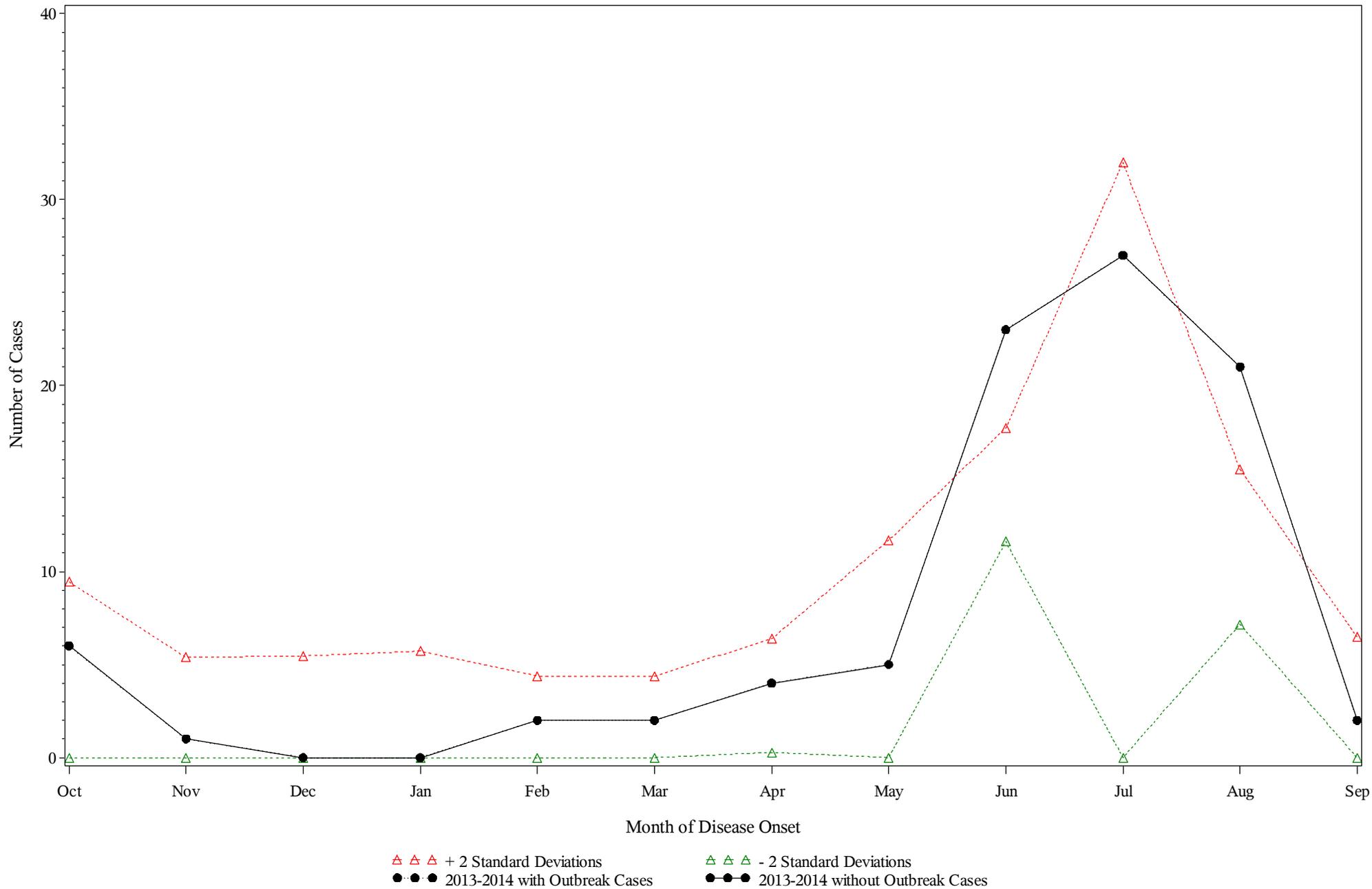
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 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Lyme Disease



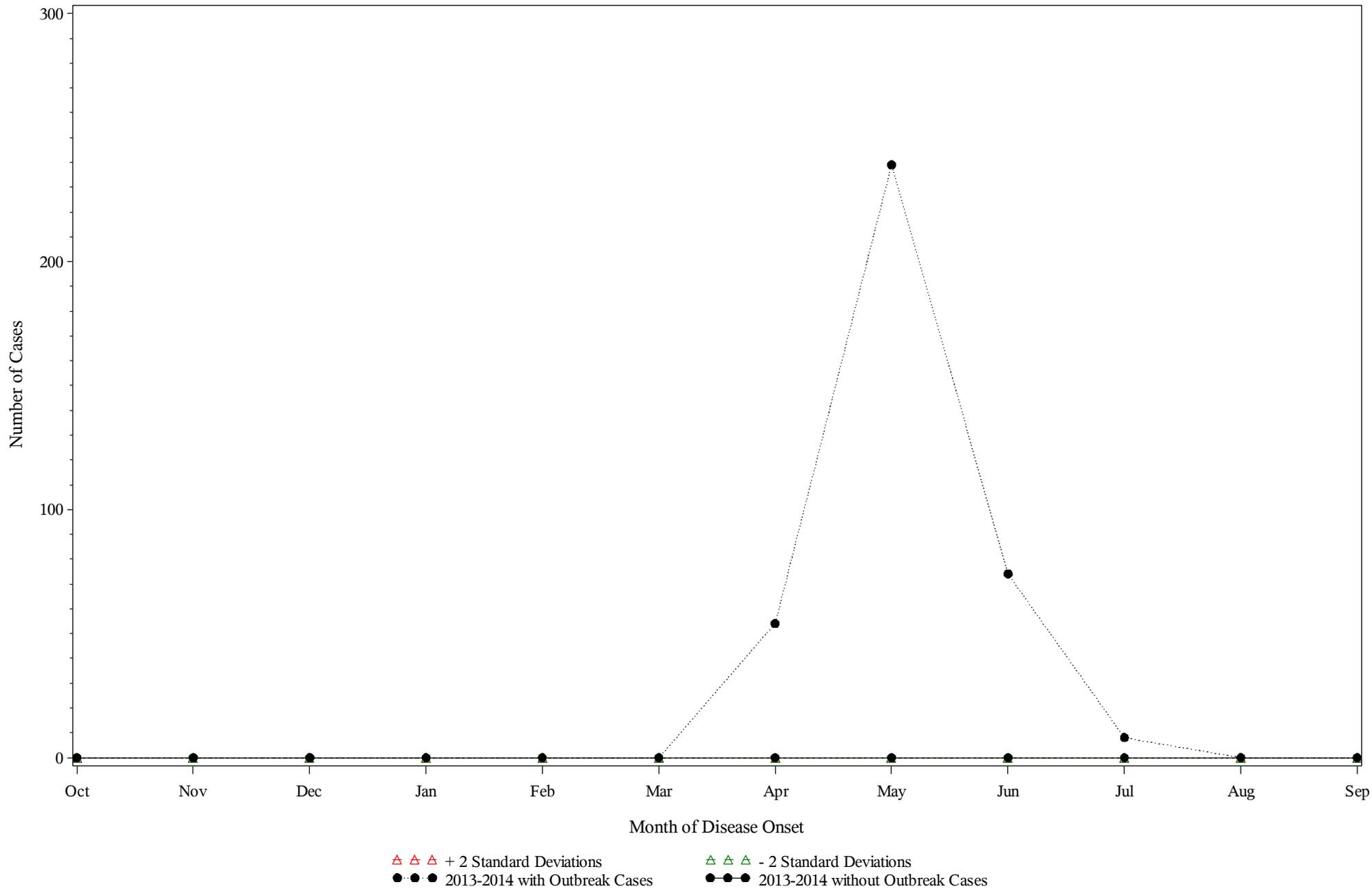
Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013

Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Measles



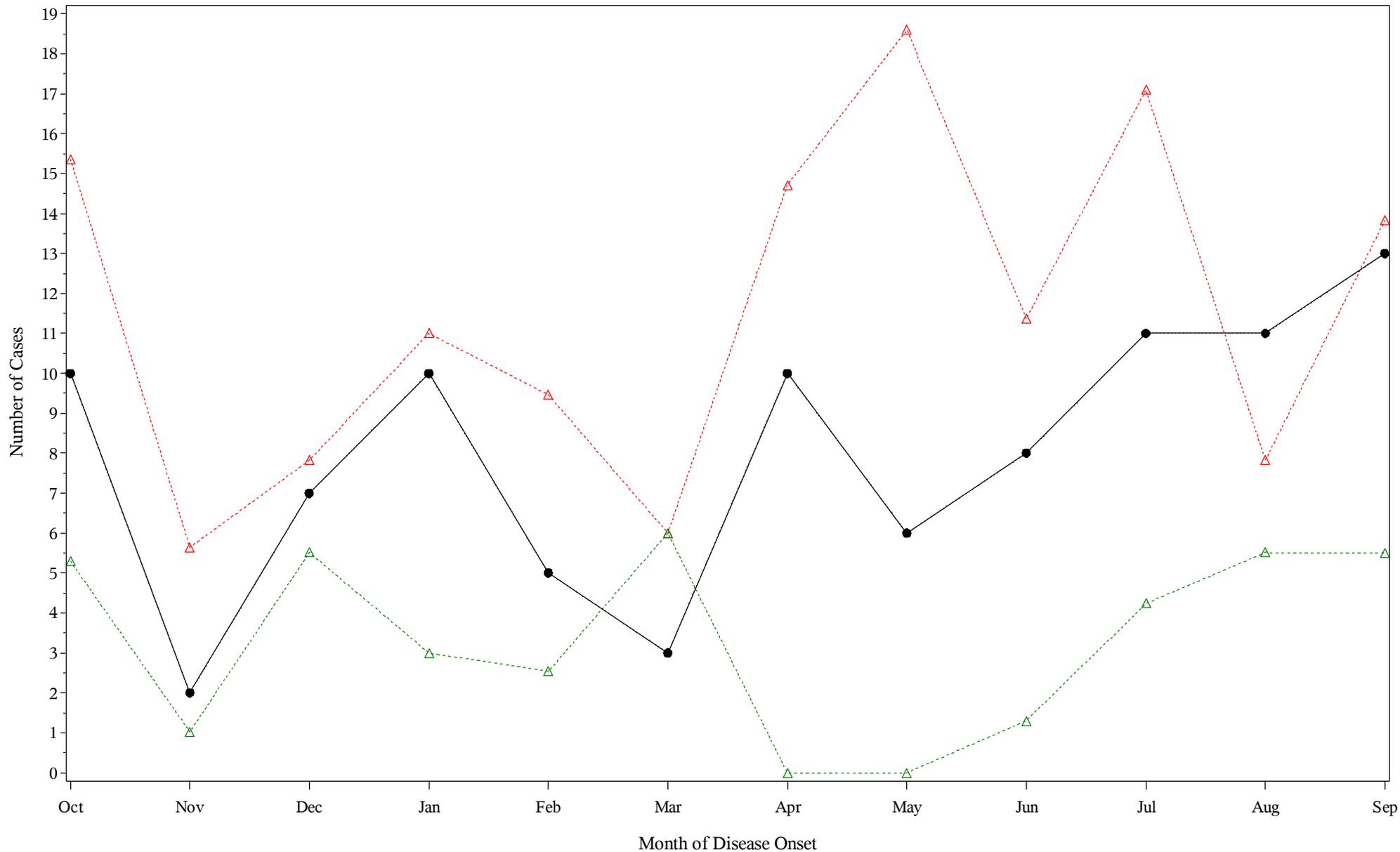
Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013

Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Bacterial Meningitis



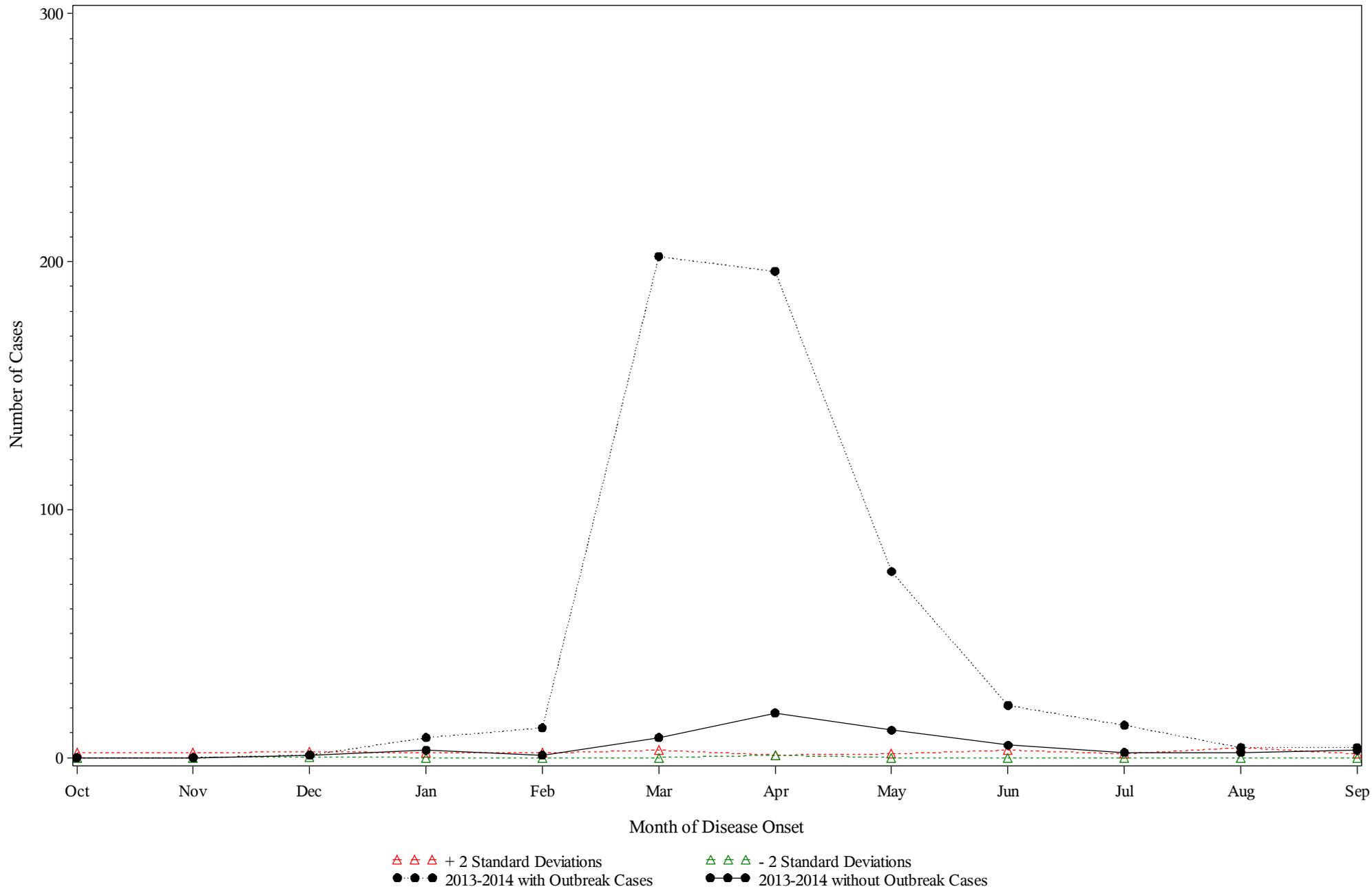
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Mumps



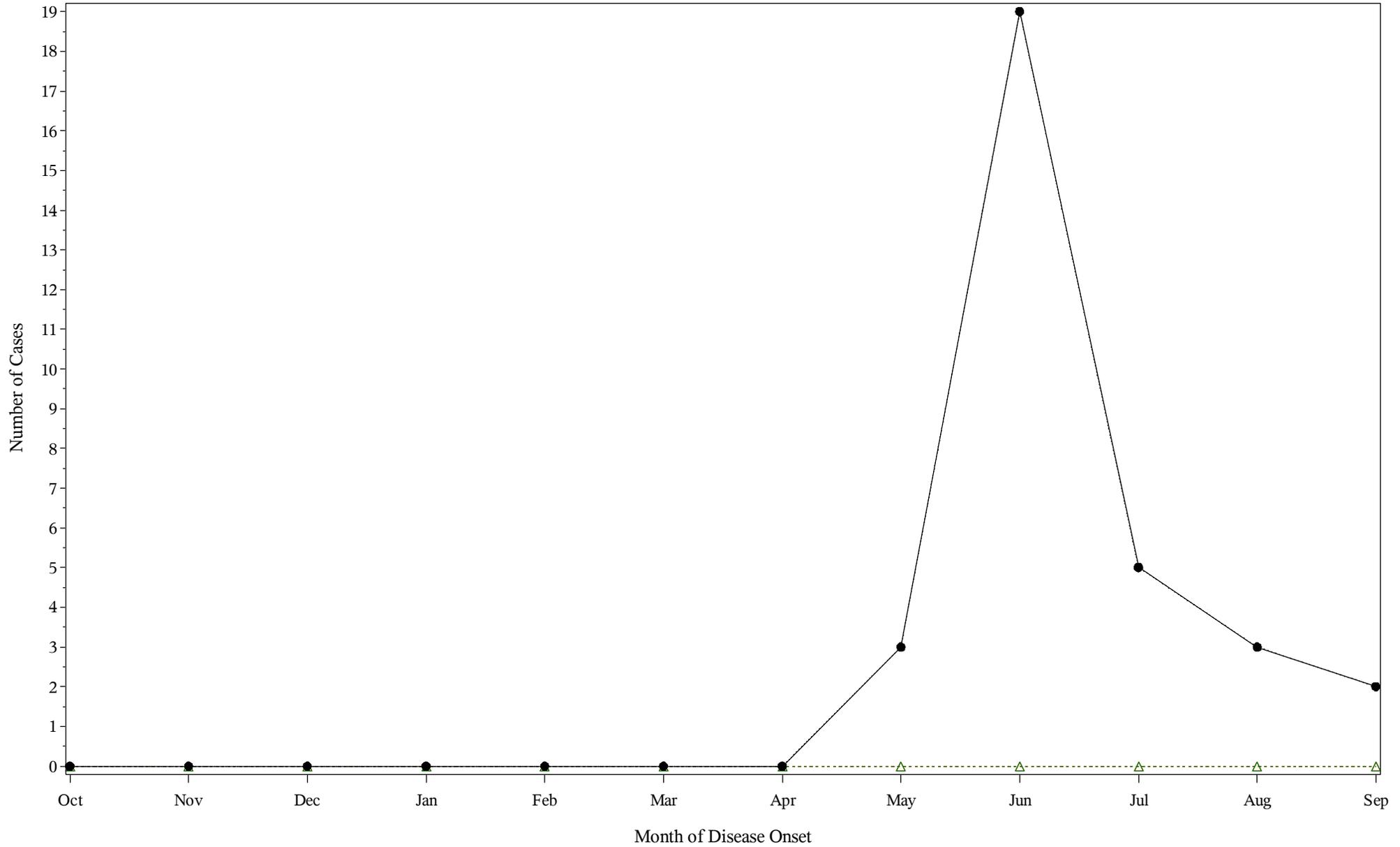
Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013

Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Other Arthropod-borne Disease



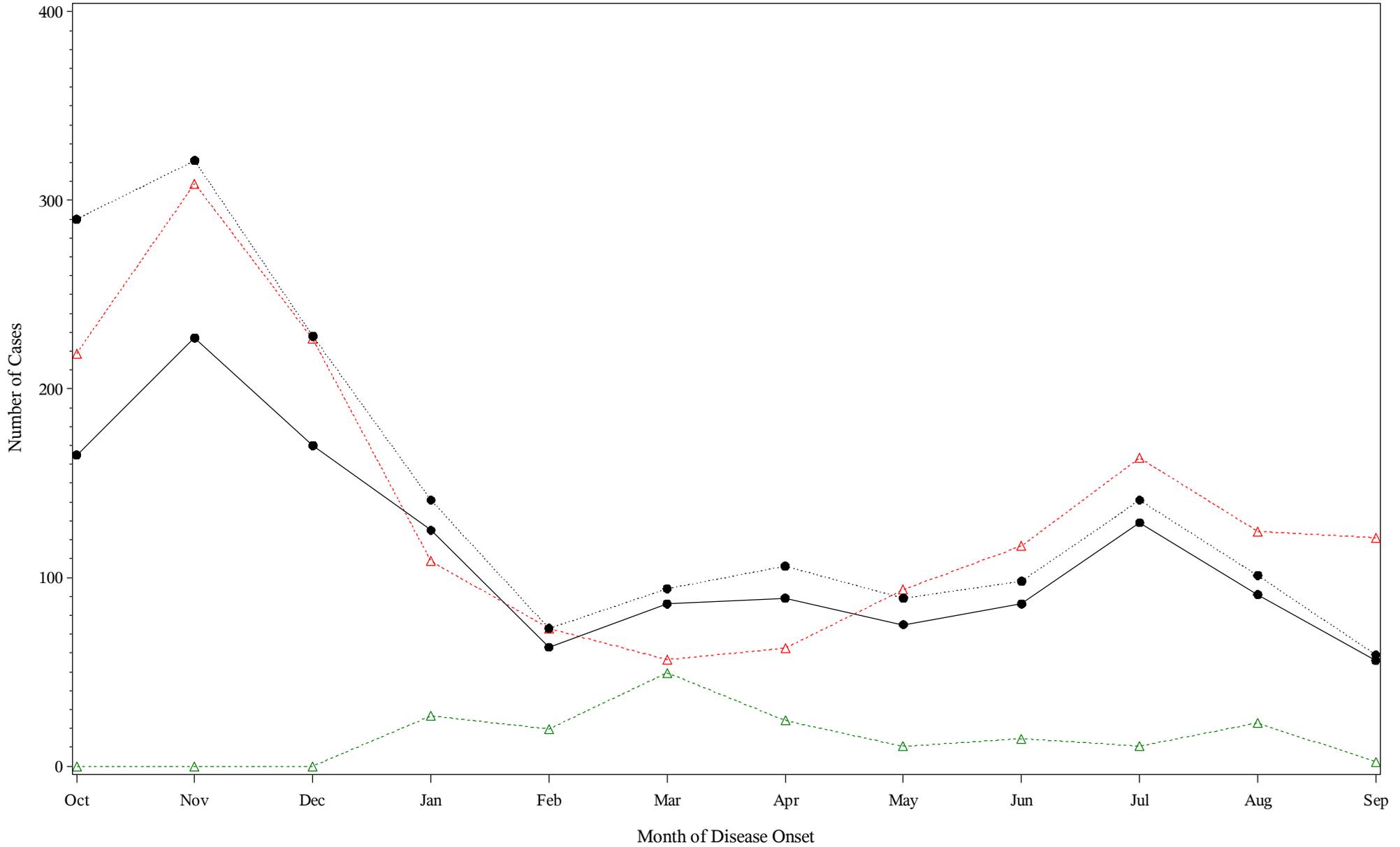
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 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Pertussis



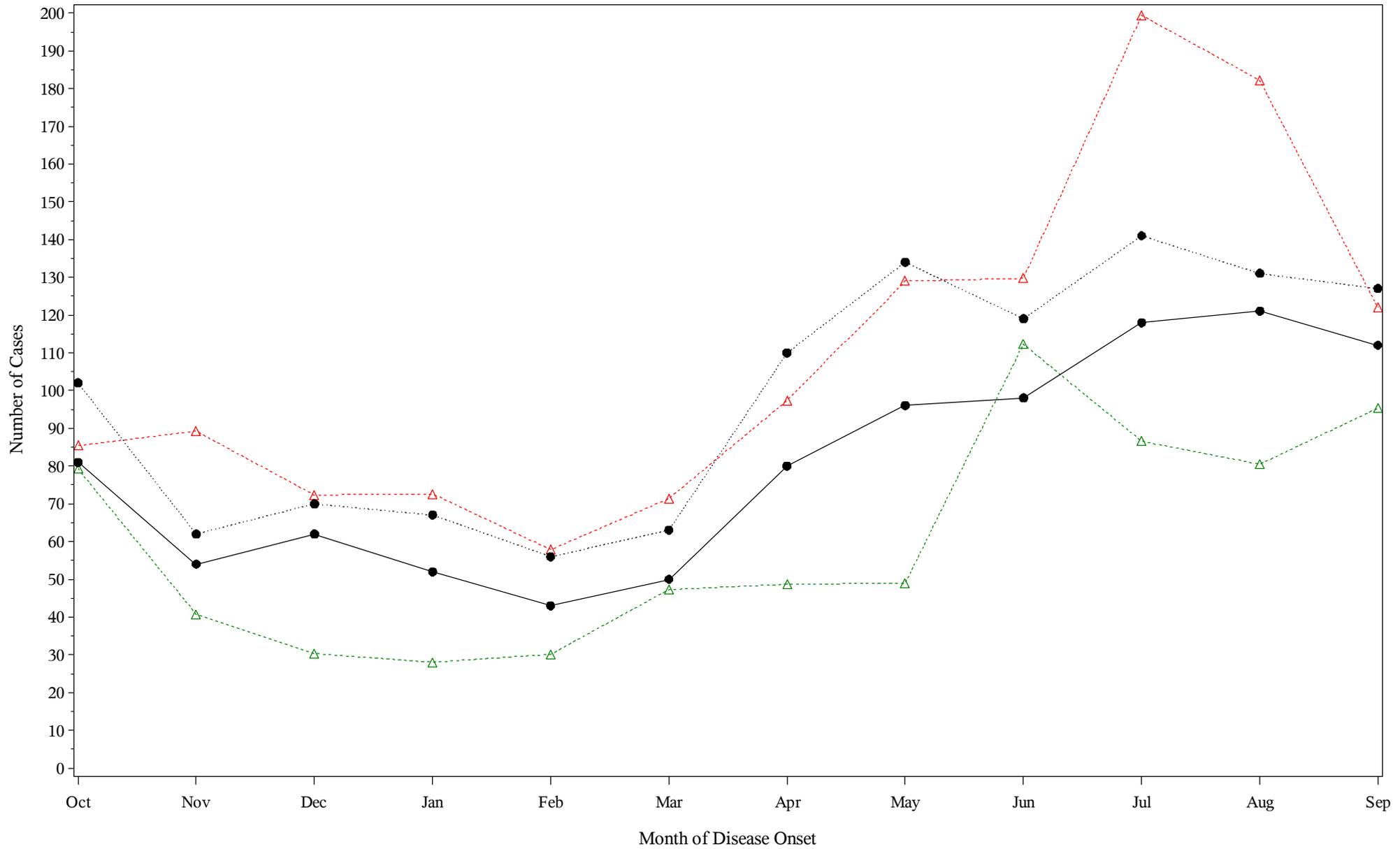
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 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Salmonellosis



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● ● ● 2013-2014 with Outbreak Cases

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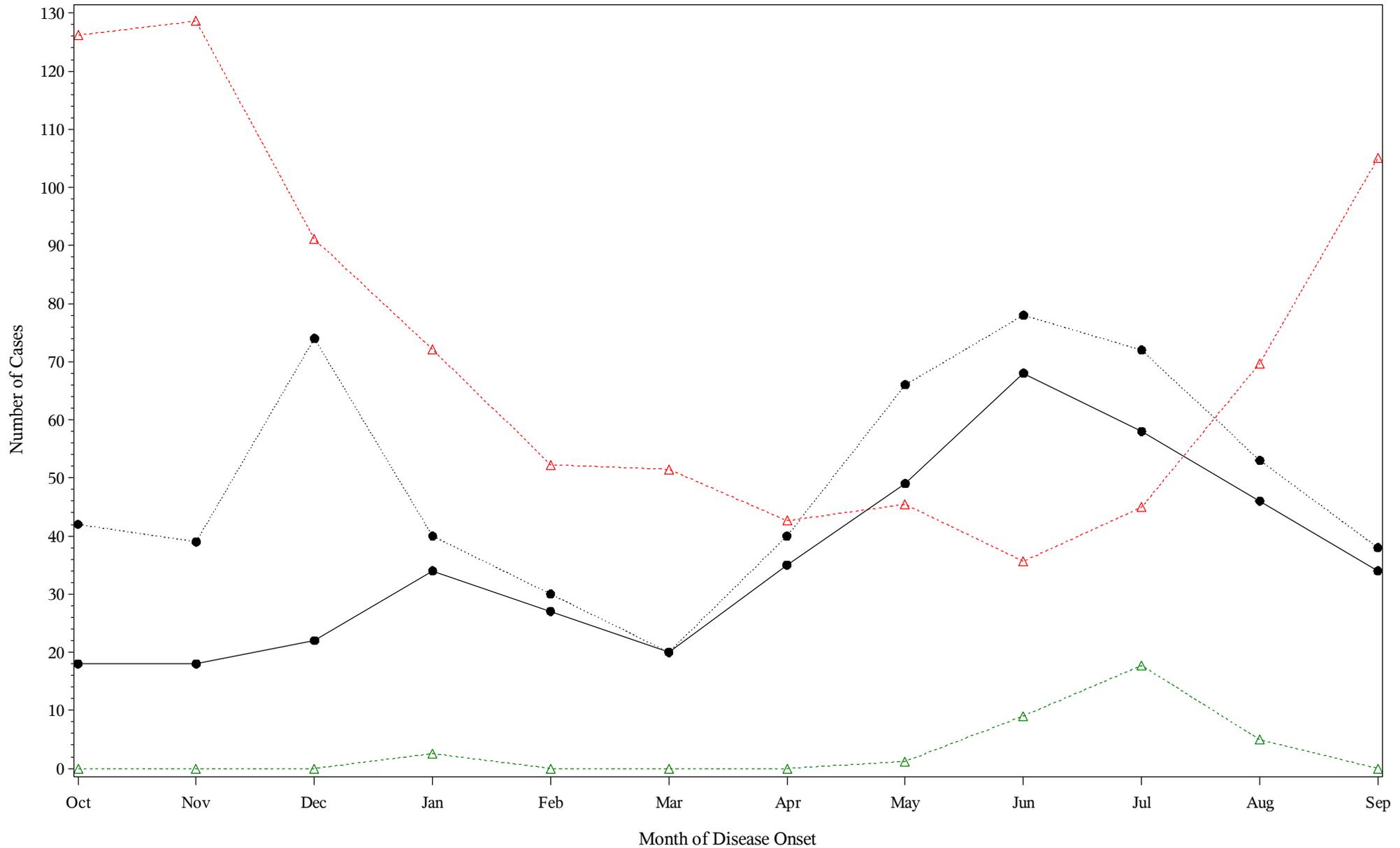
Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013

Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Shigellosis



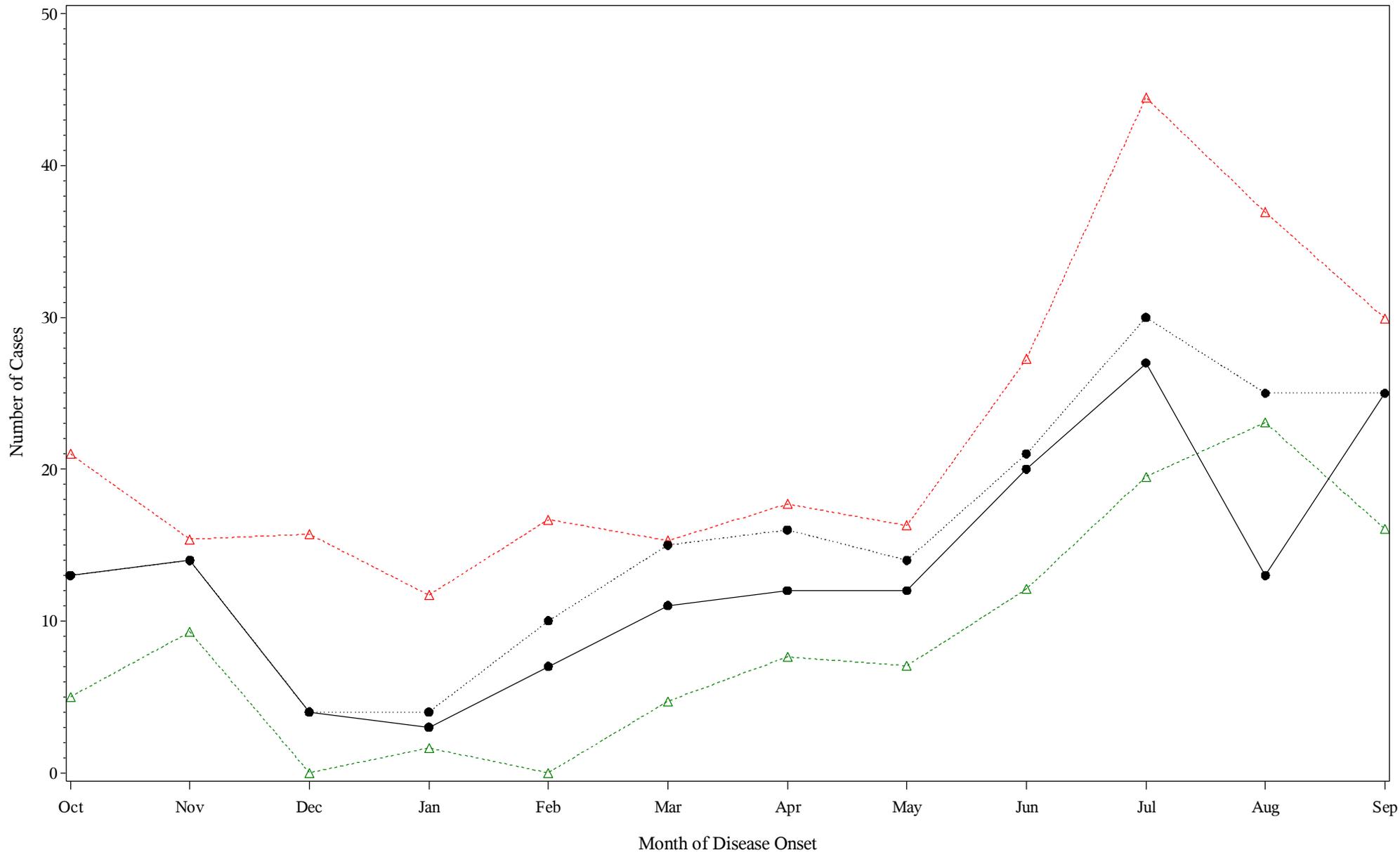
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Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Shiga Toxin-Producing Escherichia coli



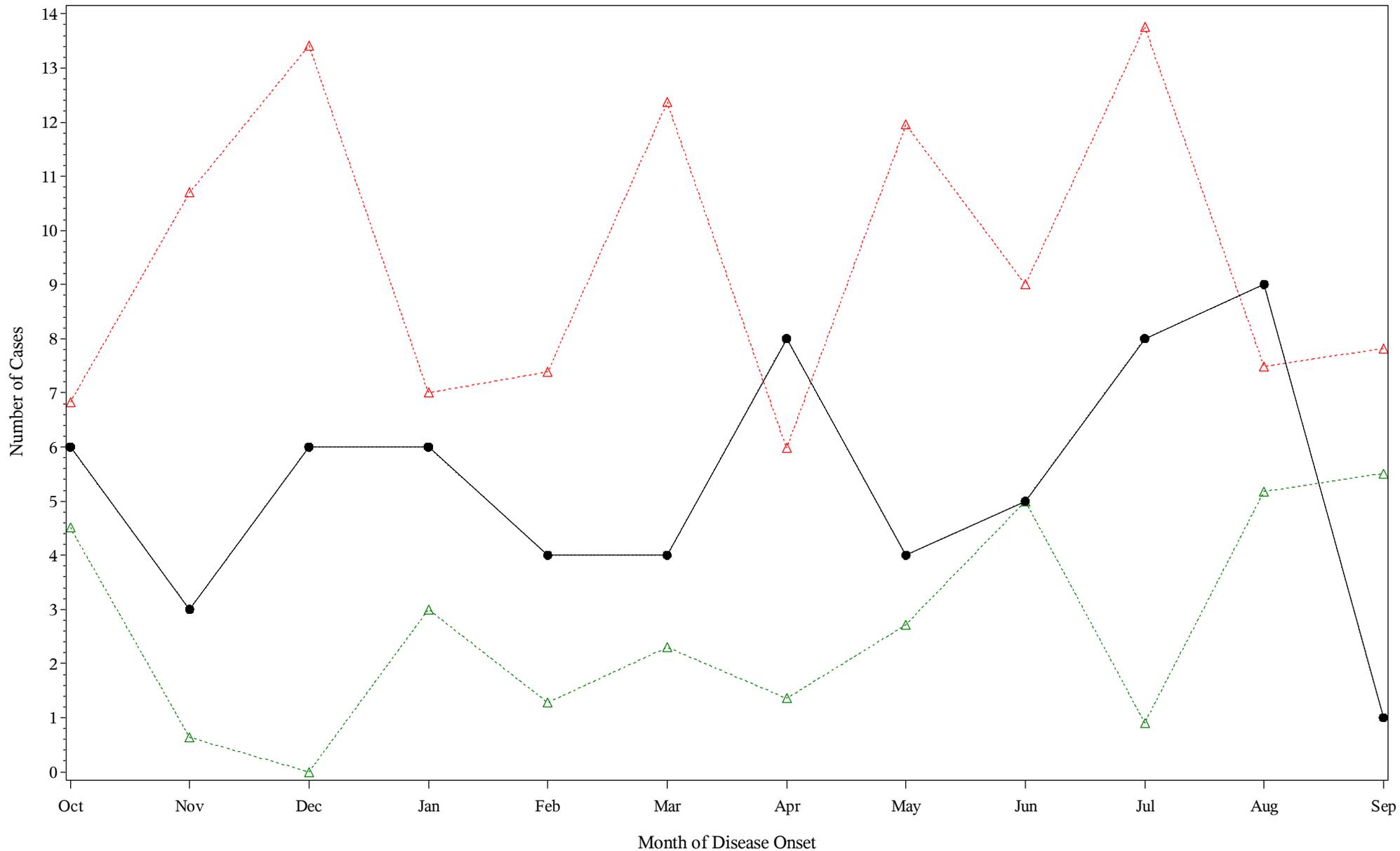
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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Streptococcal Disease, Group B, in Newborn

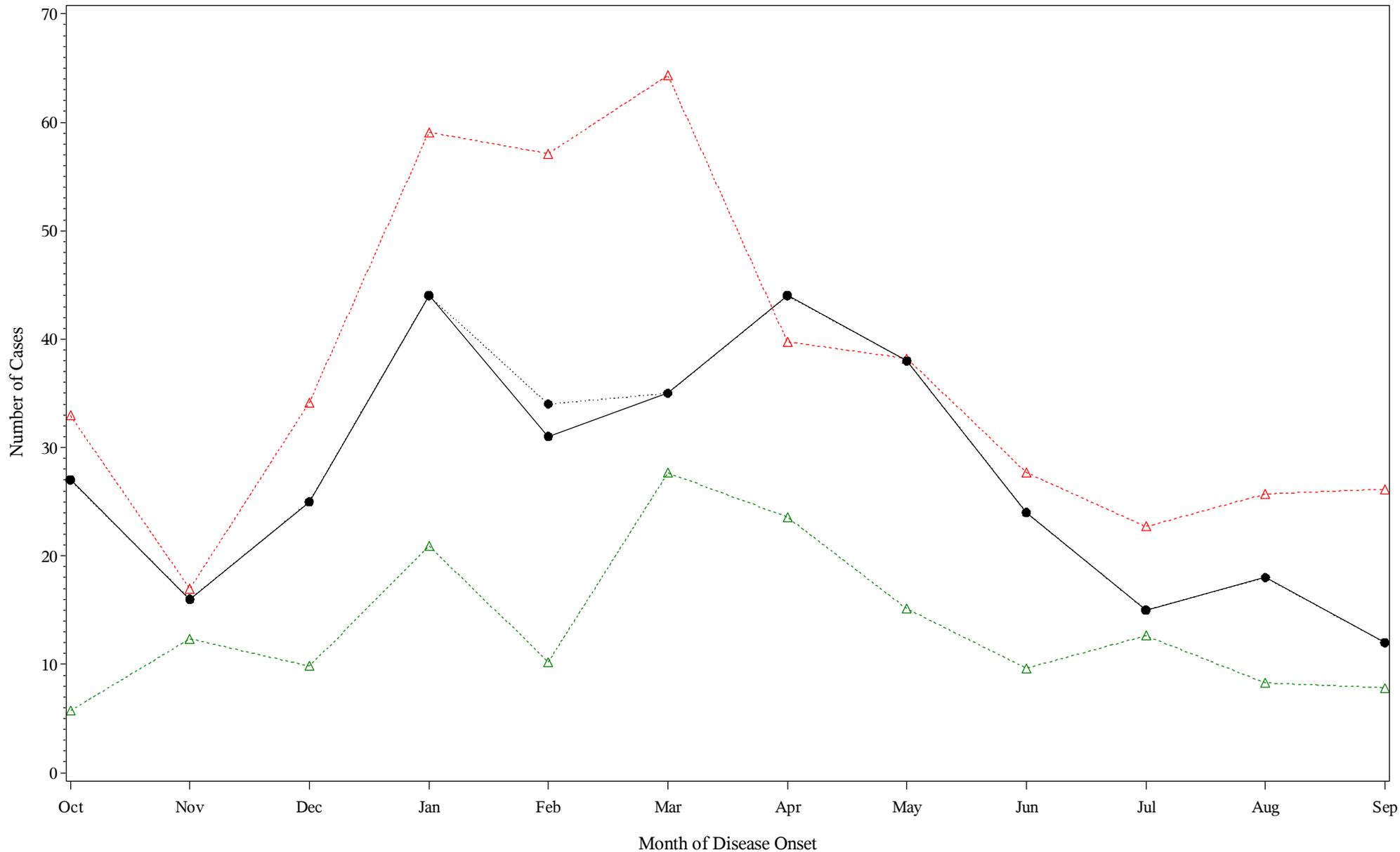


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 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Streptococcal Disease, Group A, Invasive

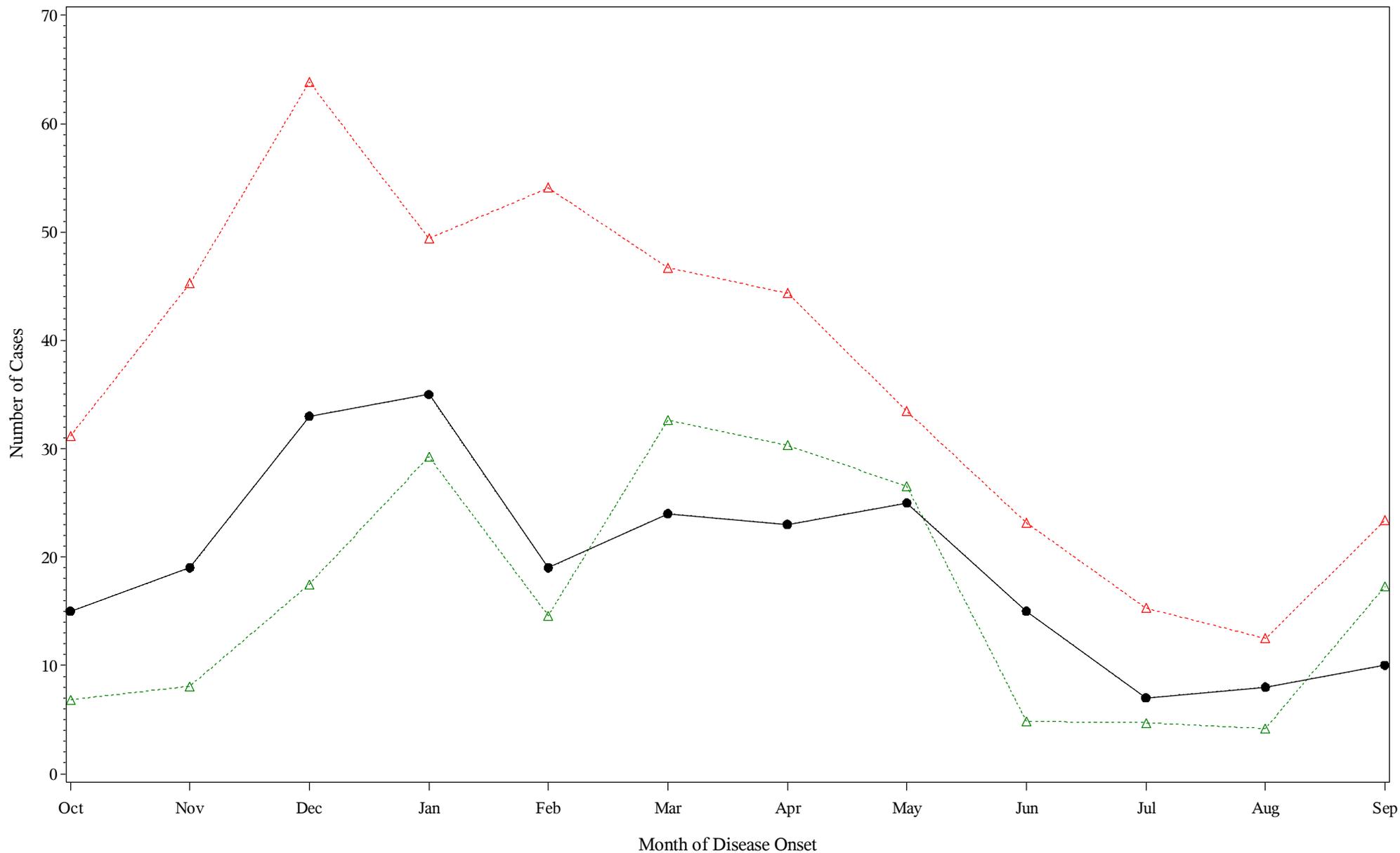


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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## *Streptococcus pneumoniae*, Invasive, Drug Resistant/Intermediate

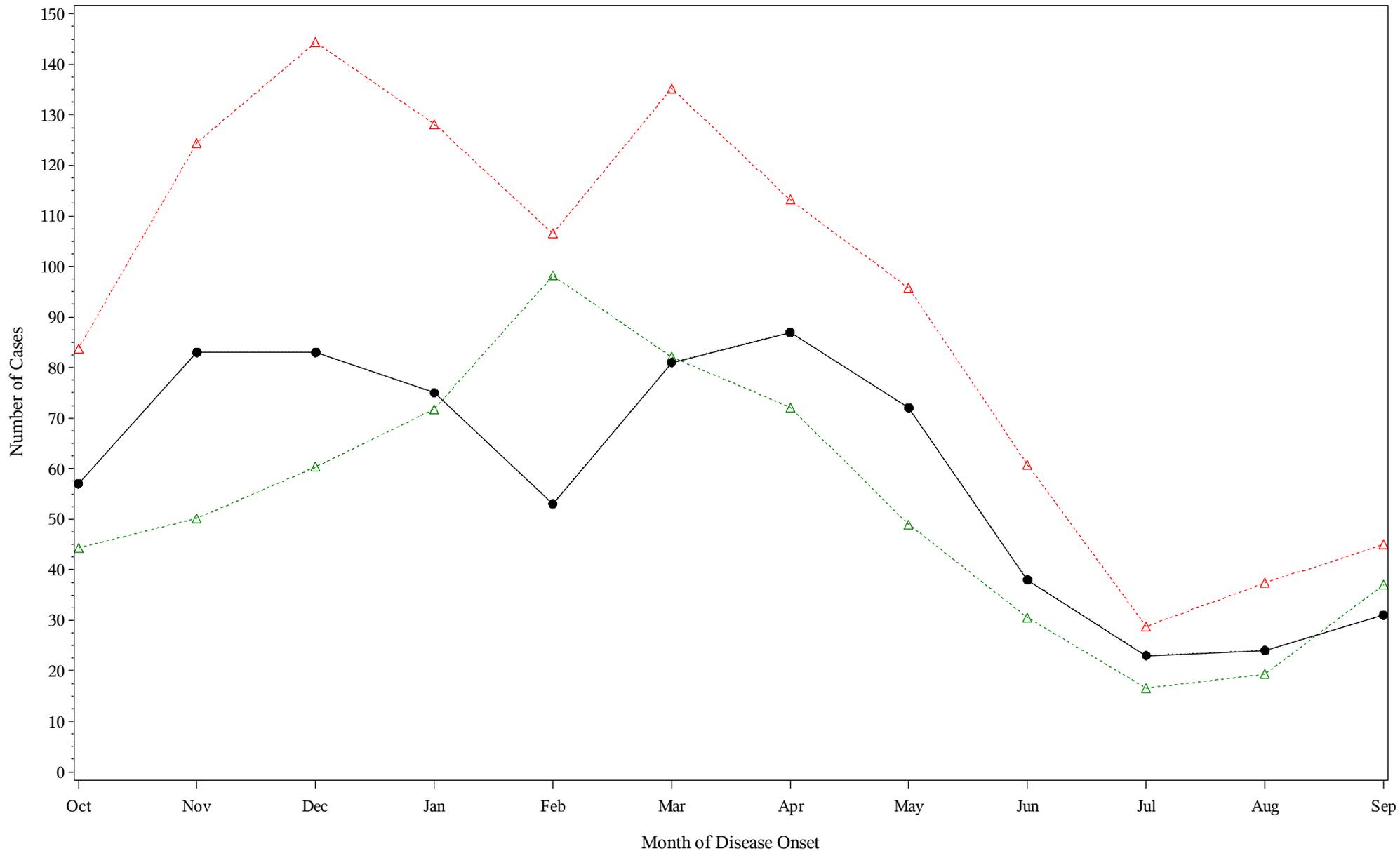


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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown

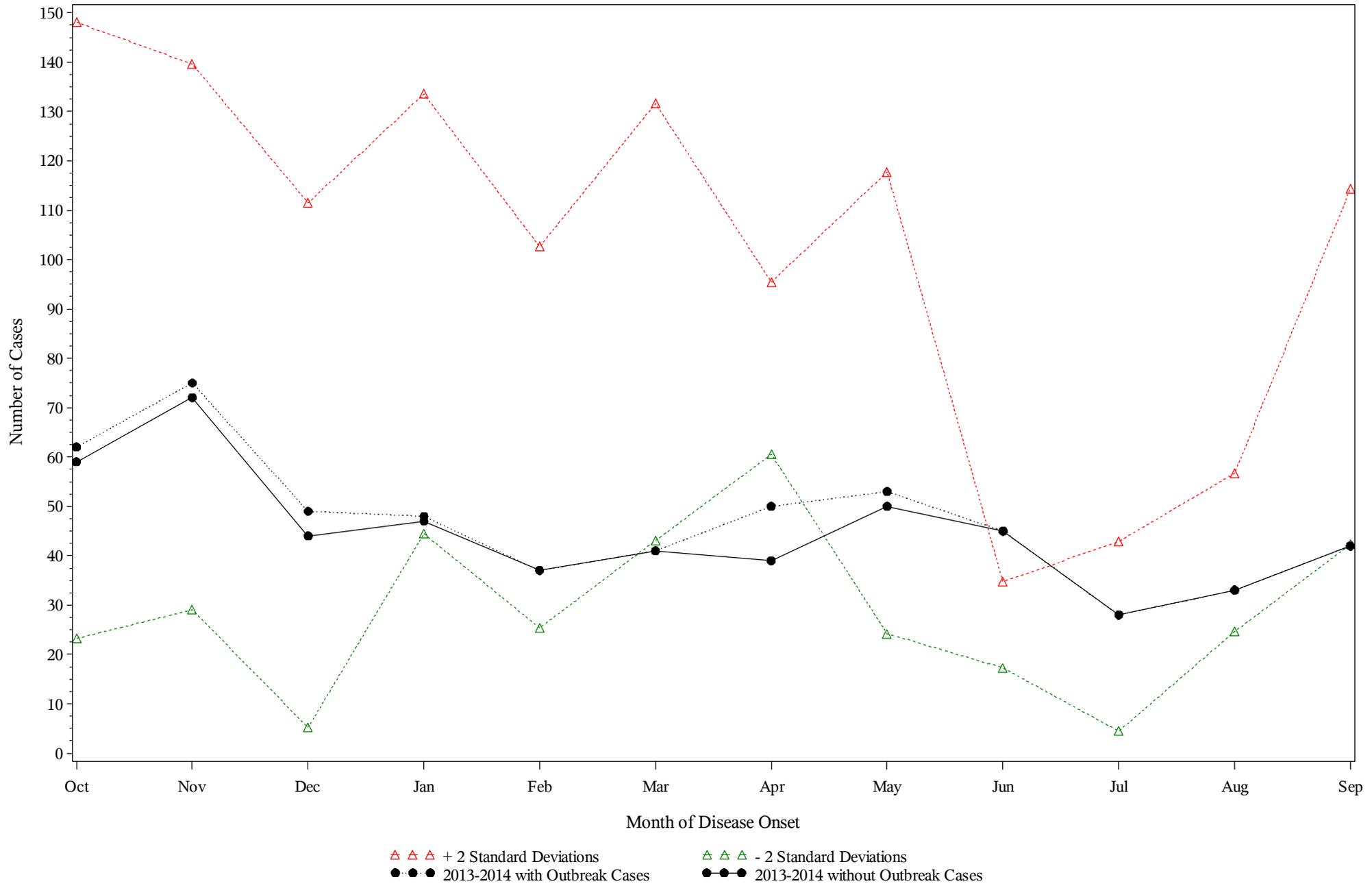


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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Varicella



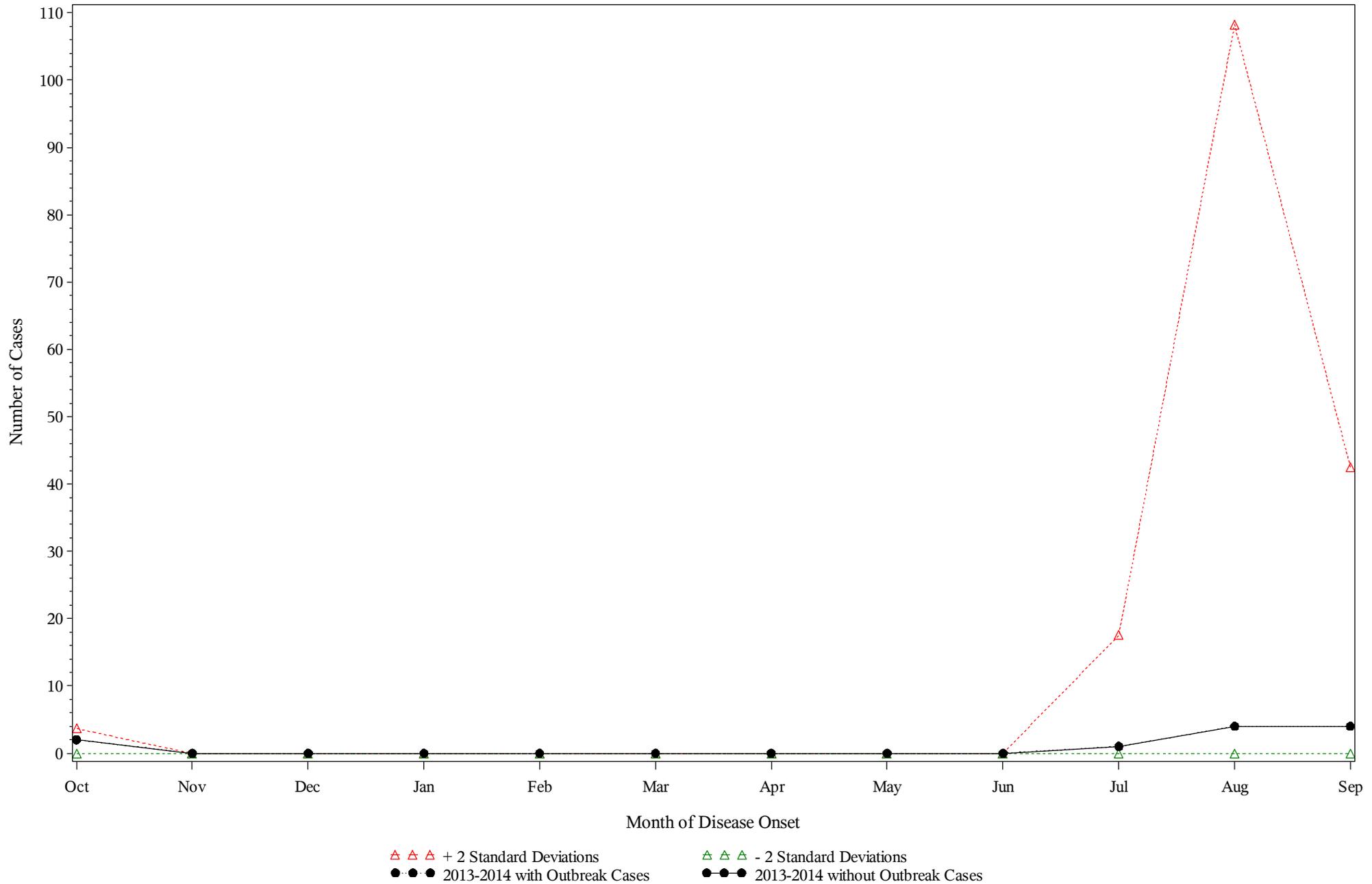
Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013

Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## West Nile Virus Disease

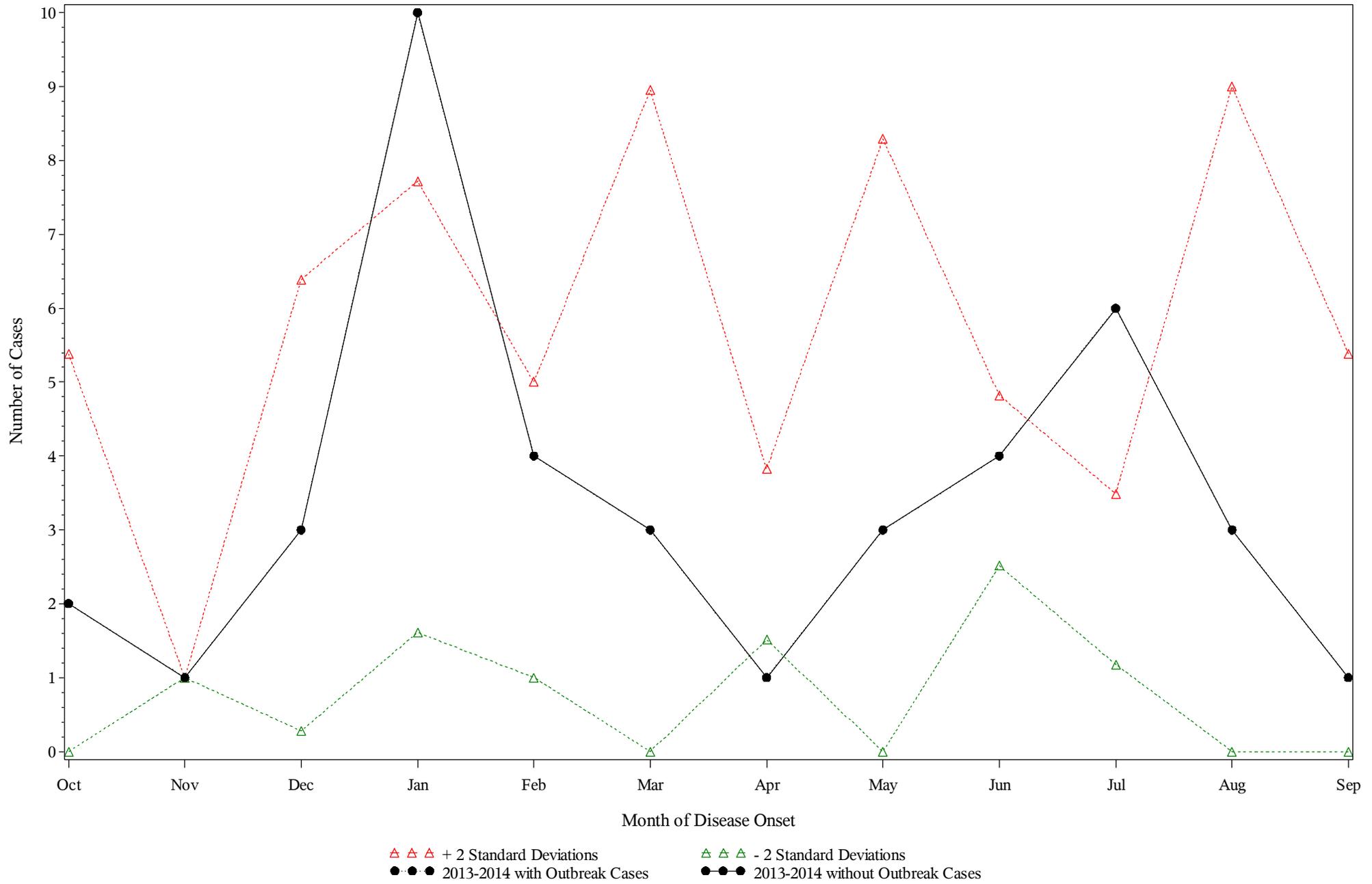


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2013-2014

## Yersiniosis

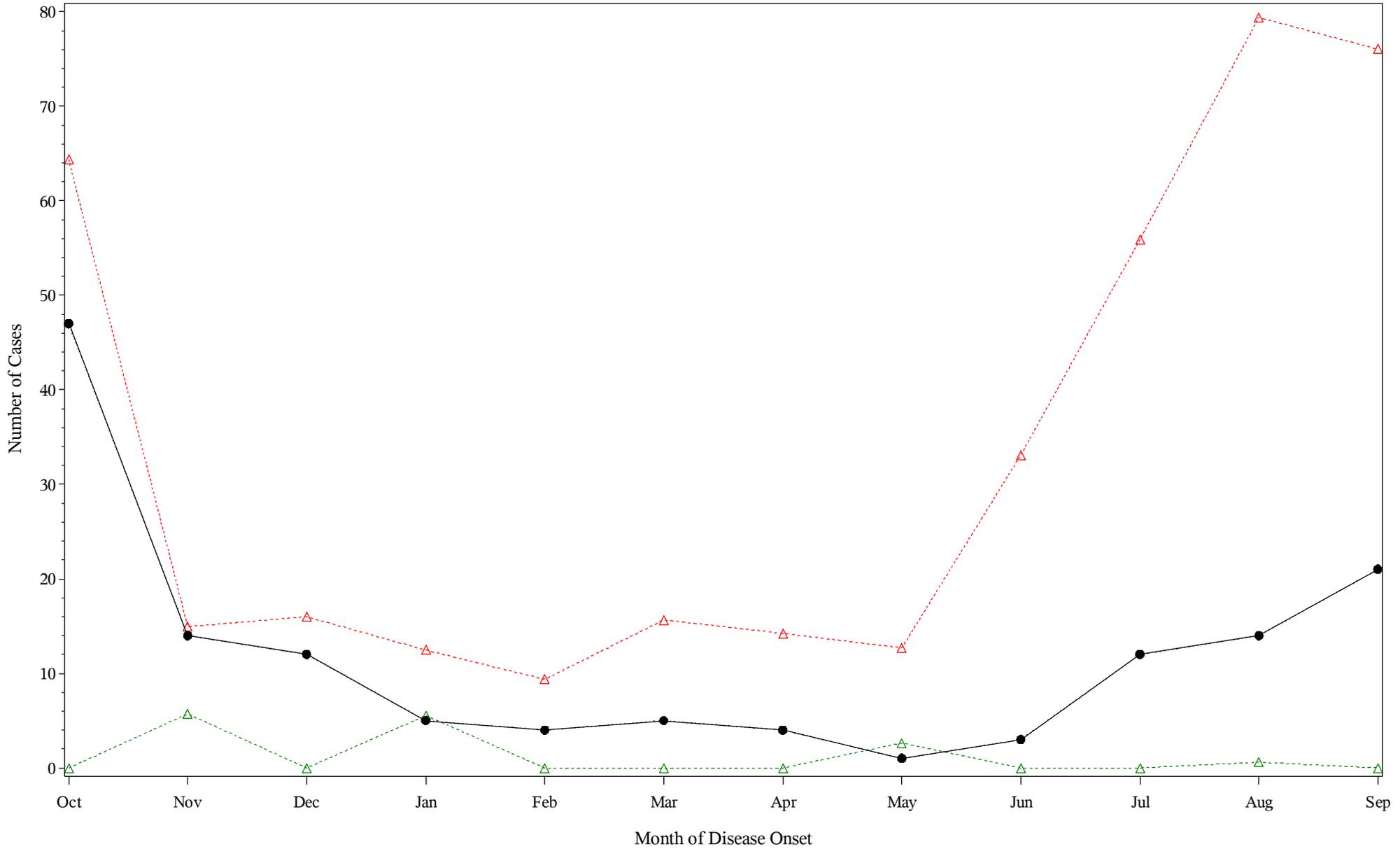


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Central Aseptic Meningitis



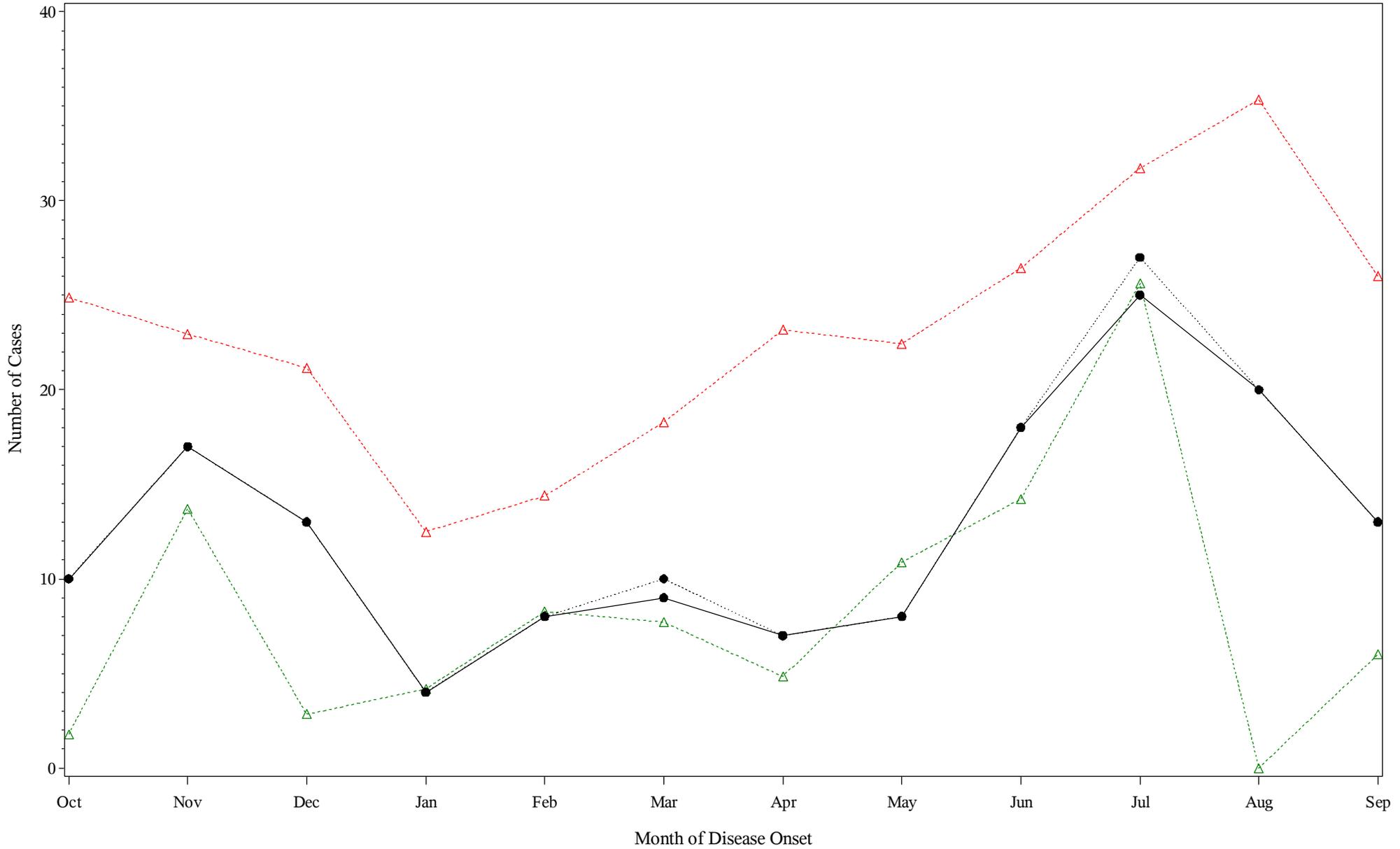
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Central      Campylobacteriosis



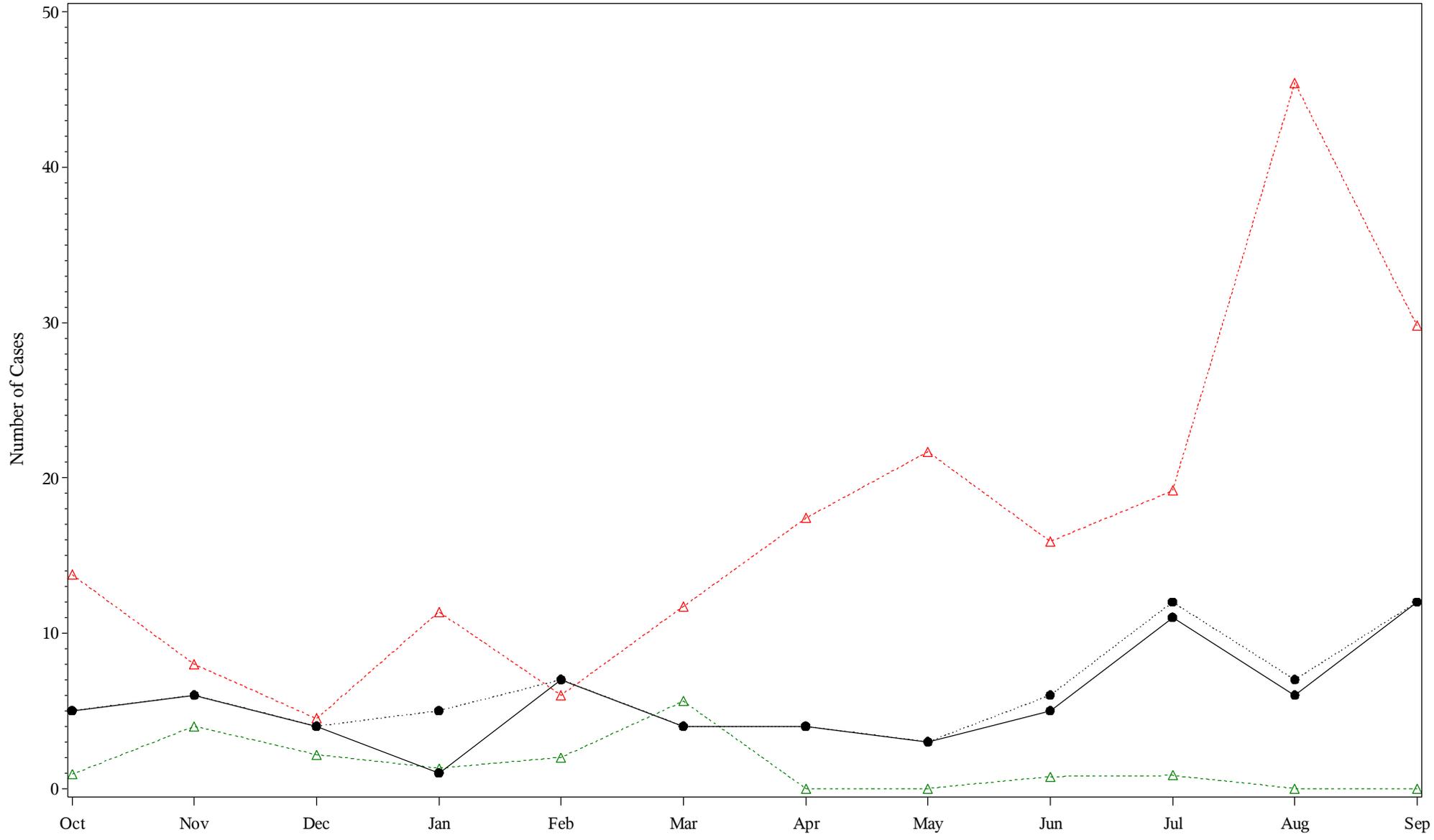
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Central      Cryptosporidiosis

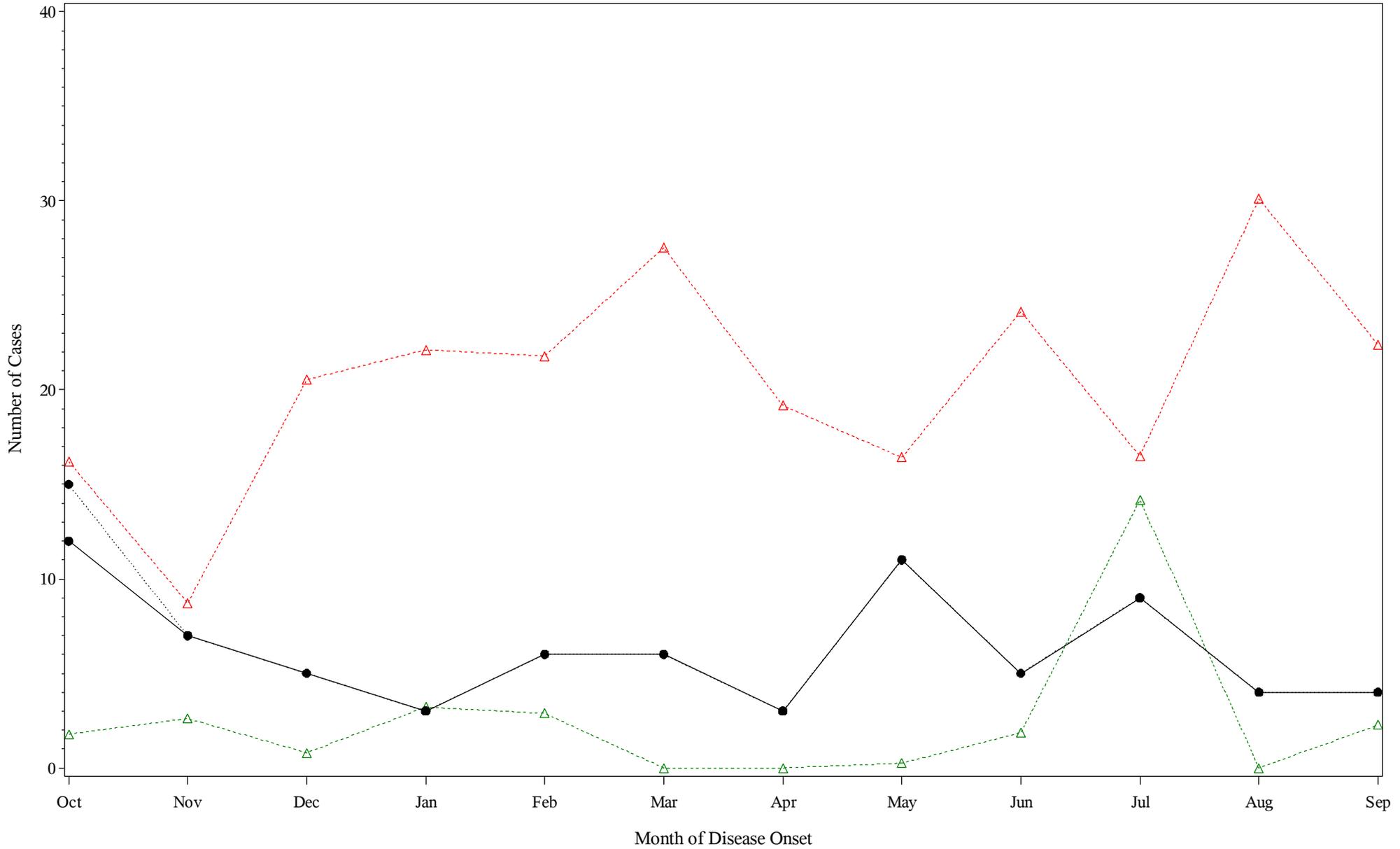


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 Current as of 11/02/2014  
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Central      Giardiasis



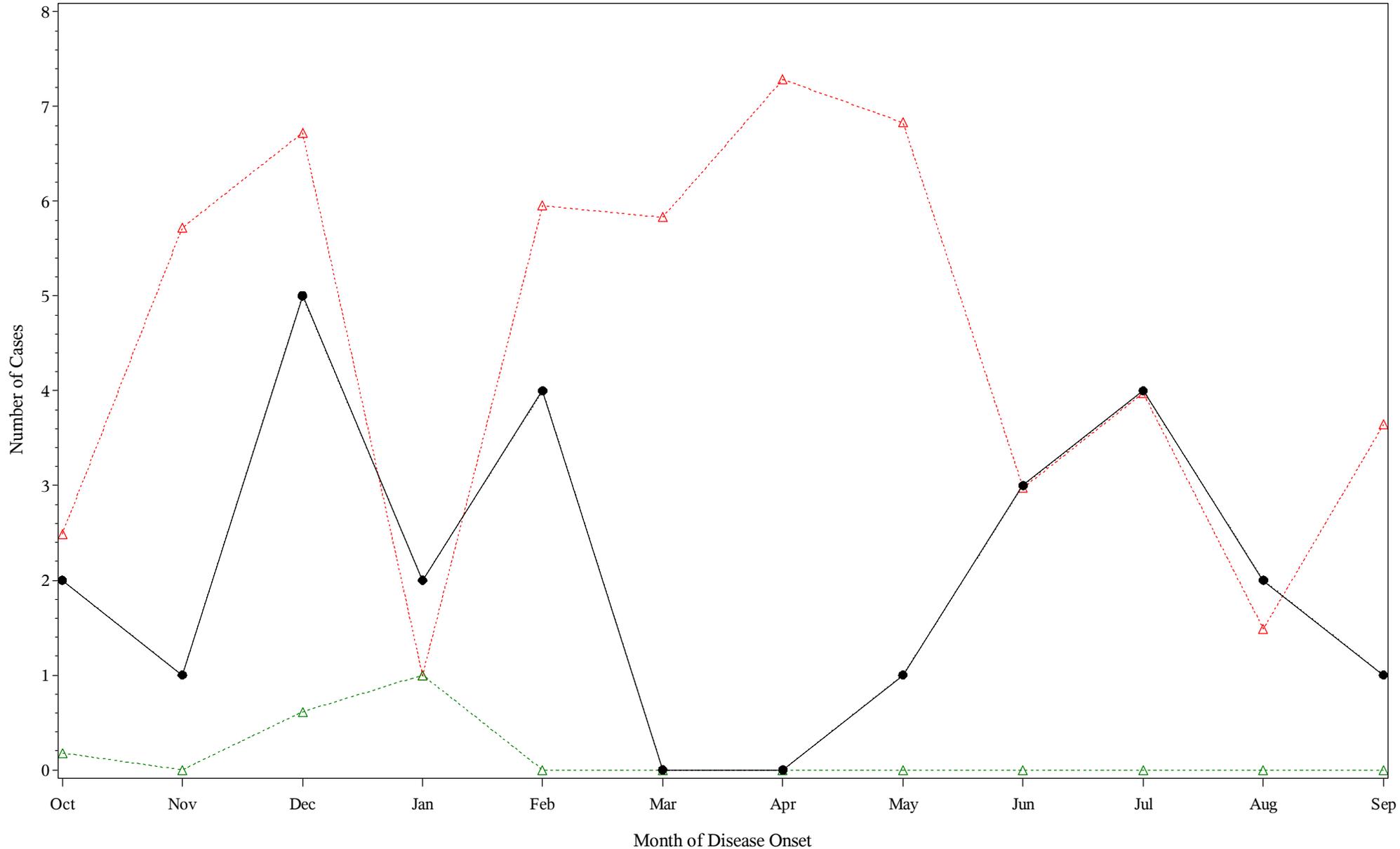
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Central Haemophilus influenzae, Invasive

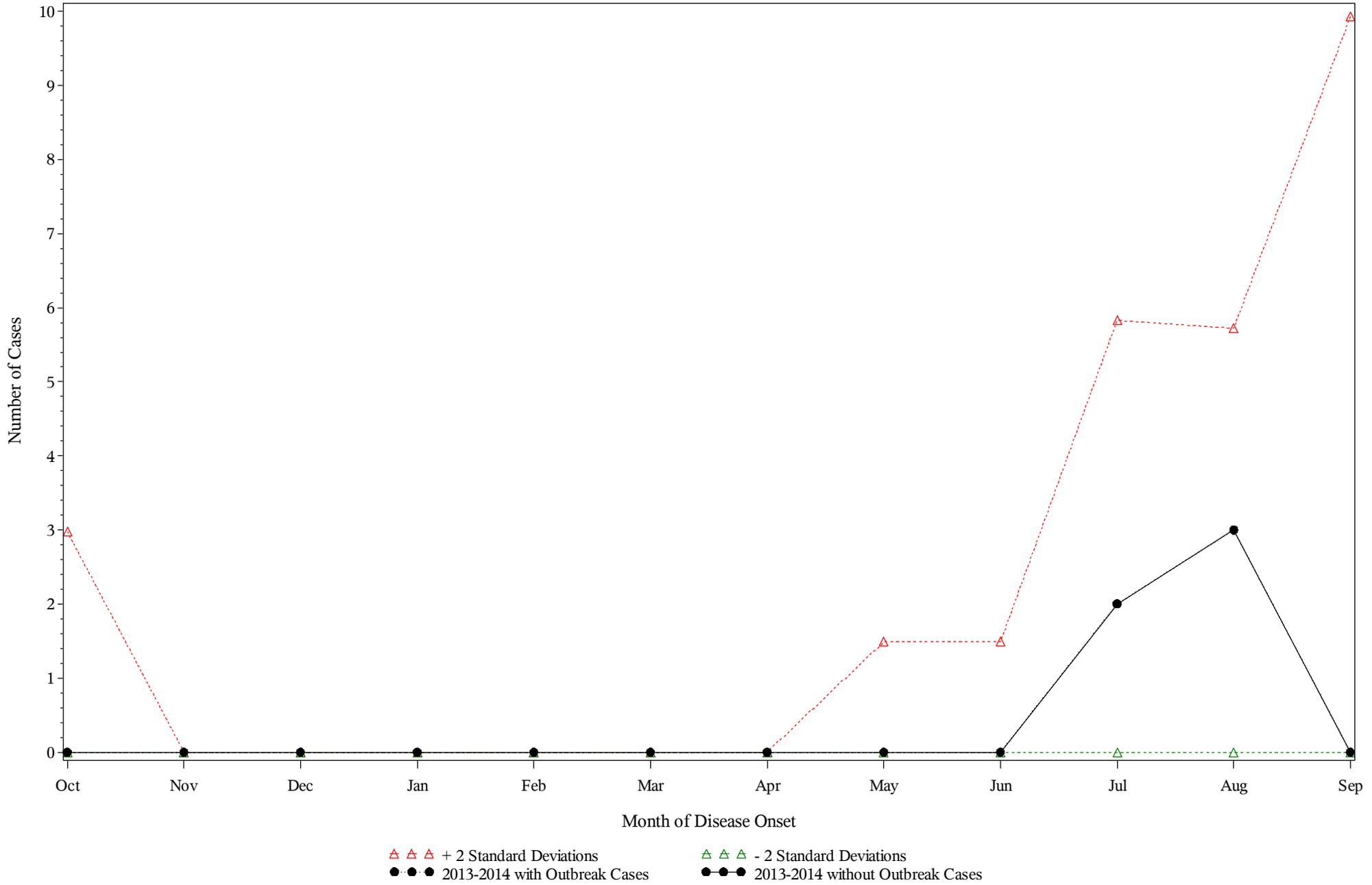


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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Central LaCrosse Virus Disease

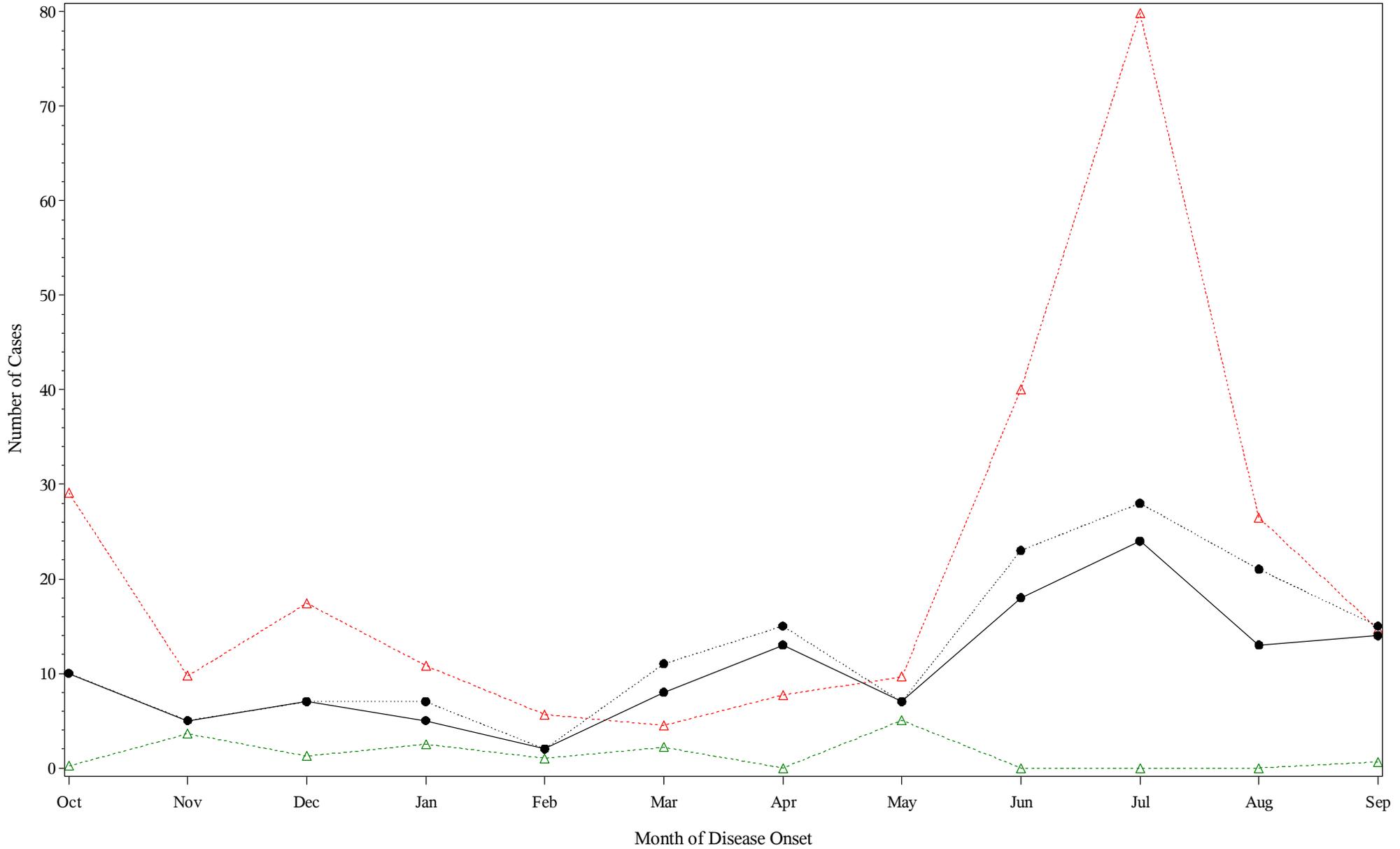


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
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Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Central Legionellosis



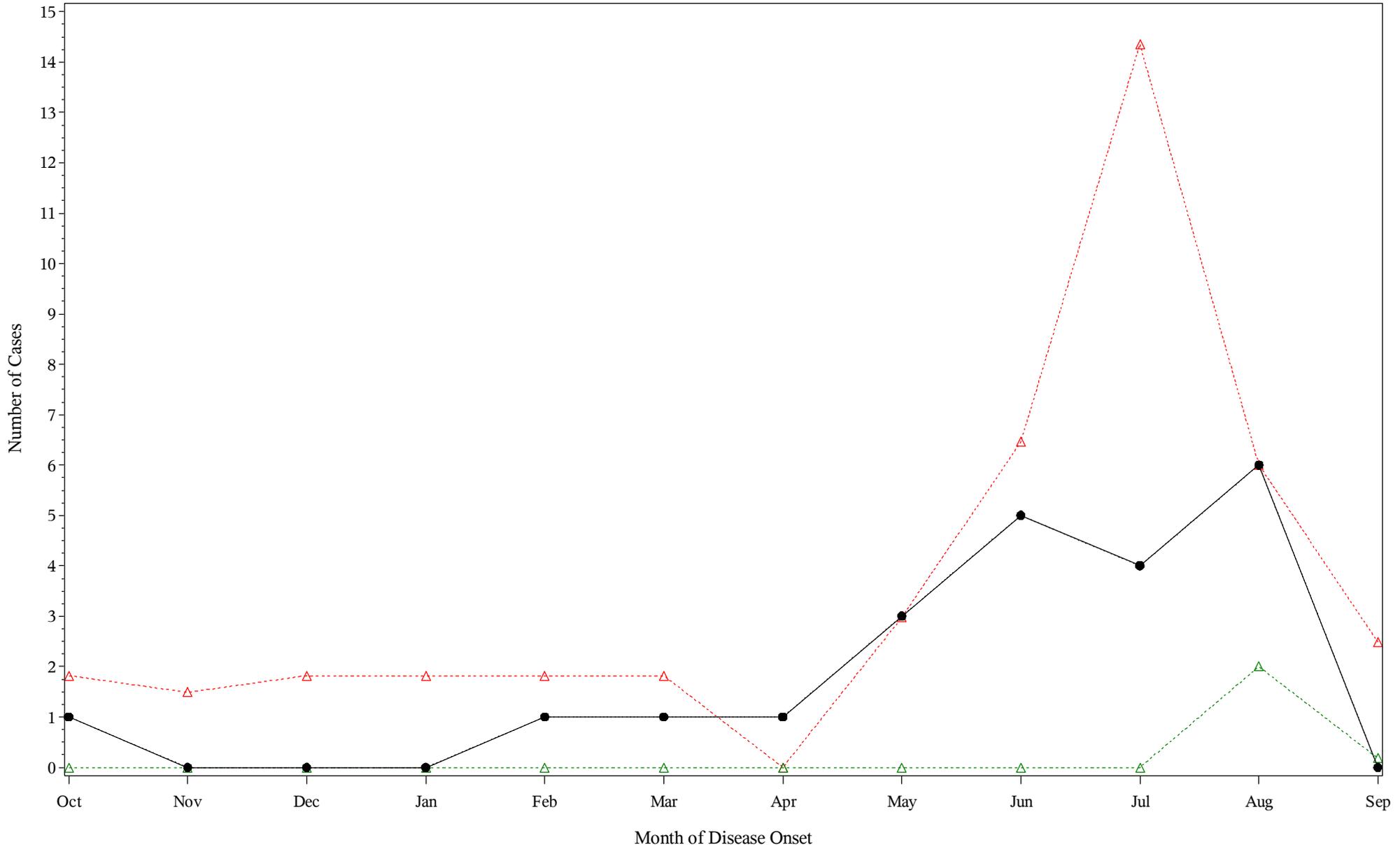
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Central Lyme Disease



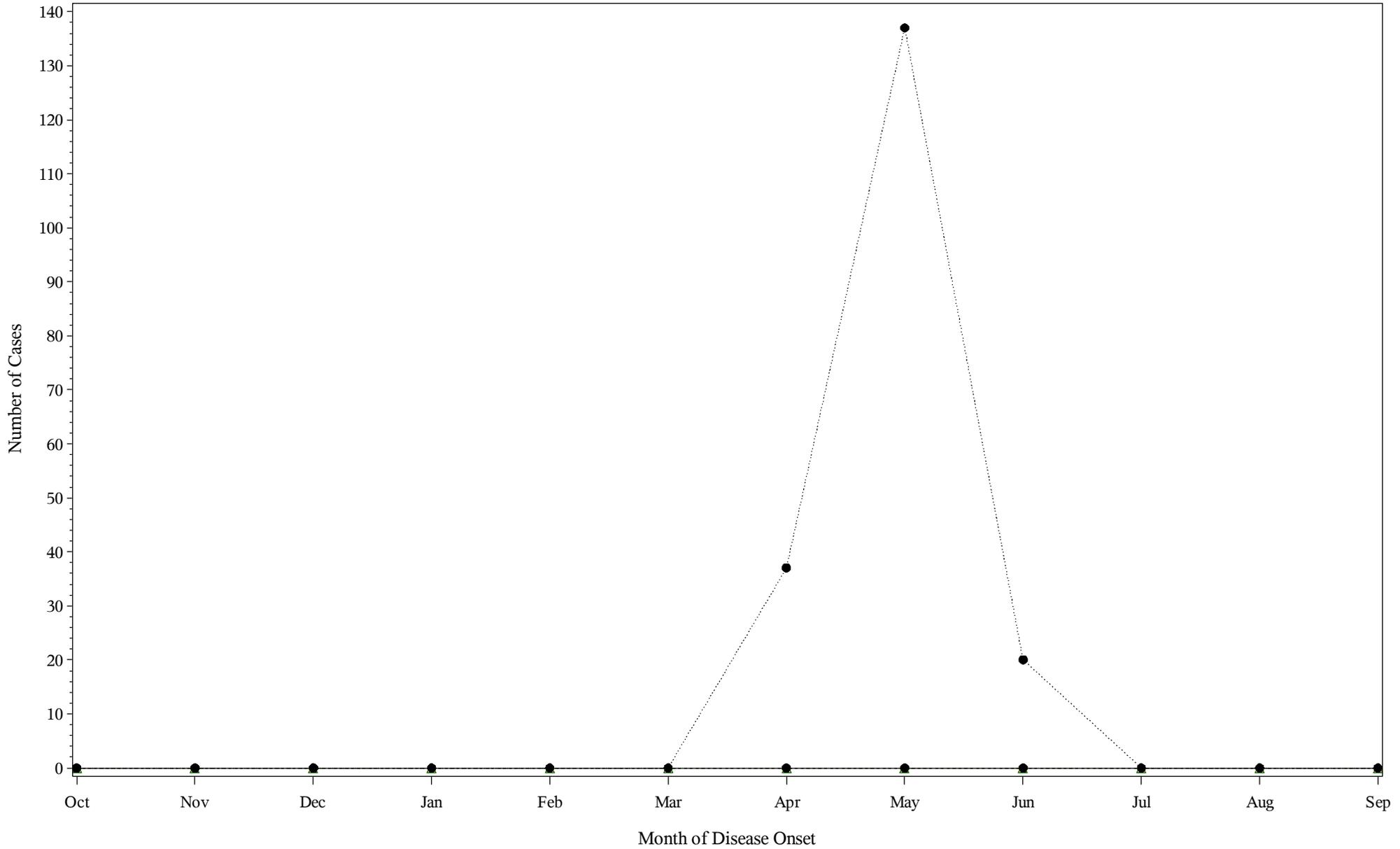
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Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Central Measles



△ △ △ + 2 Standard Deviations

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● ● ● 2013-2014 with Outbreak Cases

● ● ● 2013-2014 without Outbreak Cases

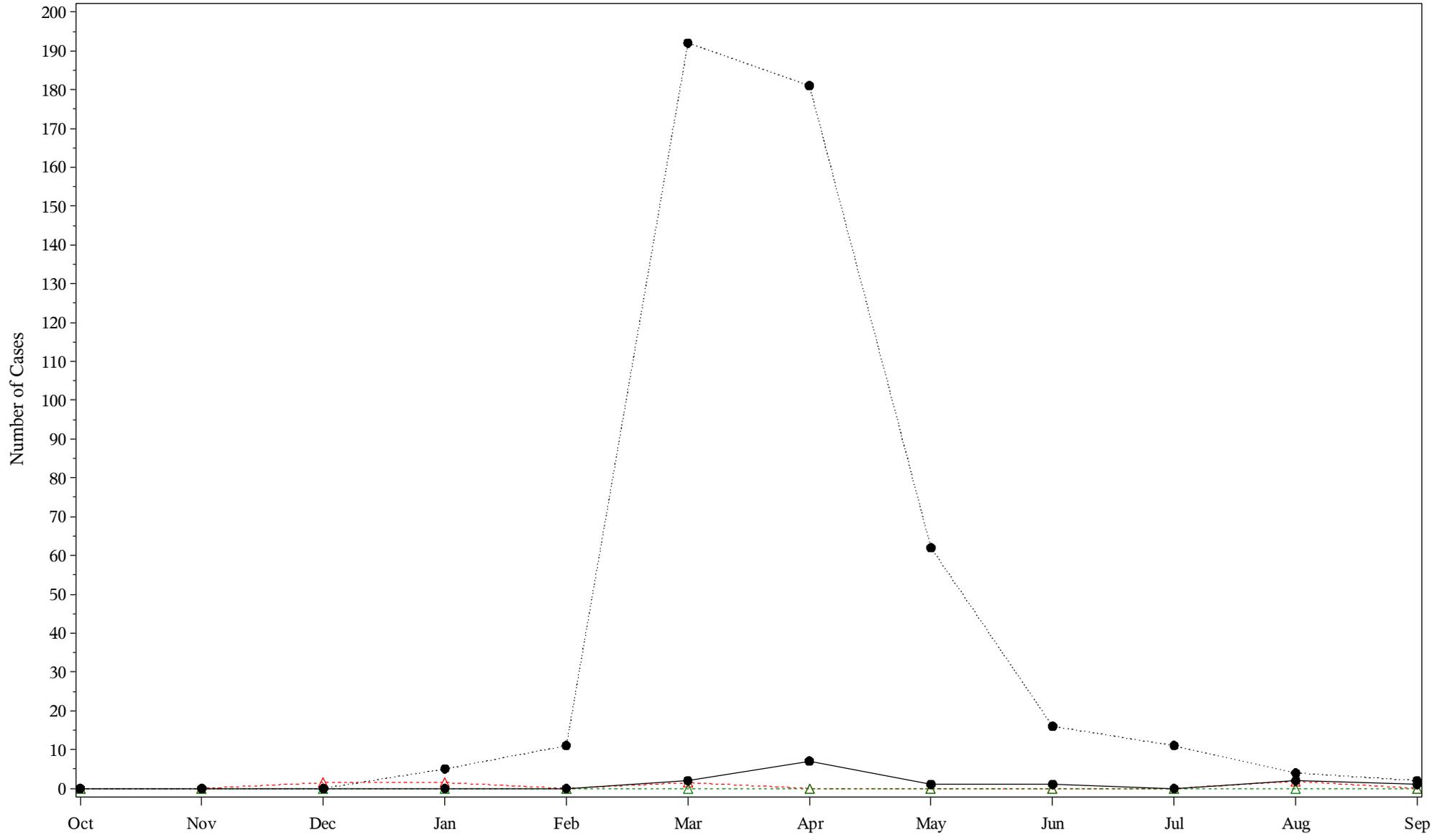
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Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Central Mumps

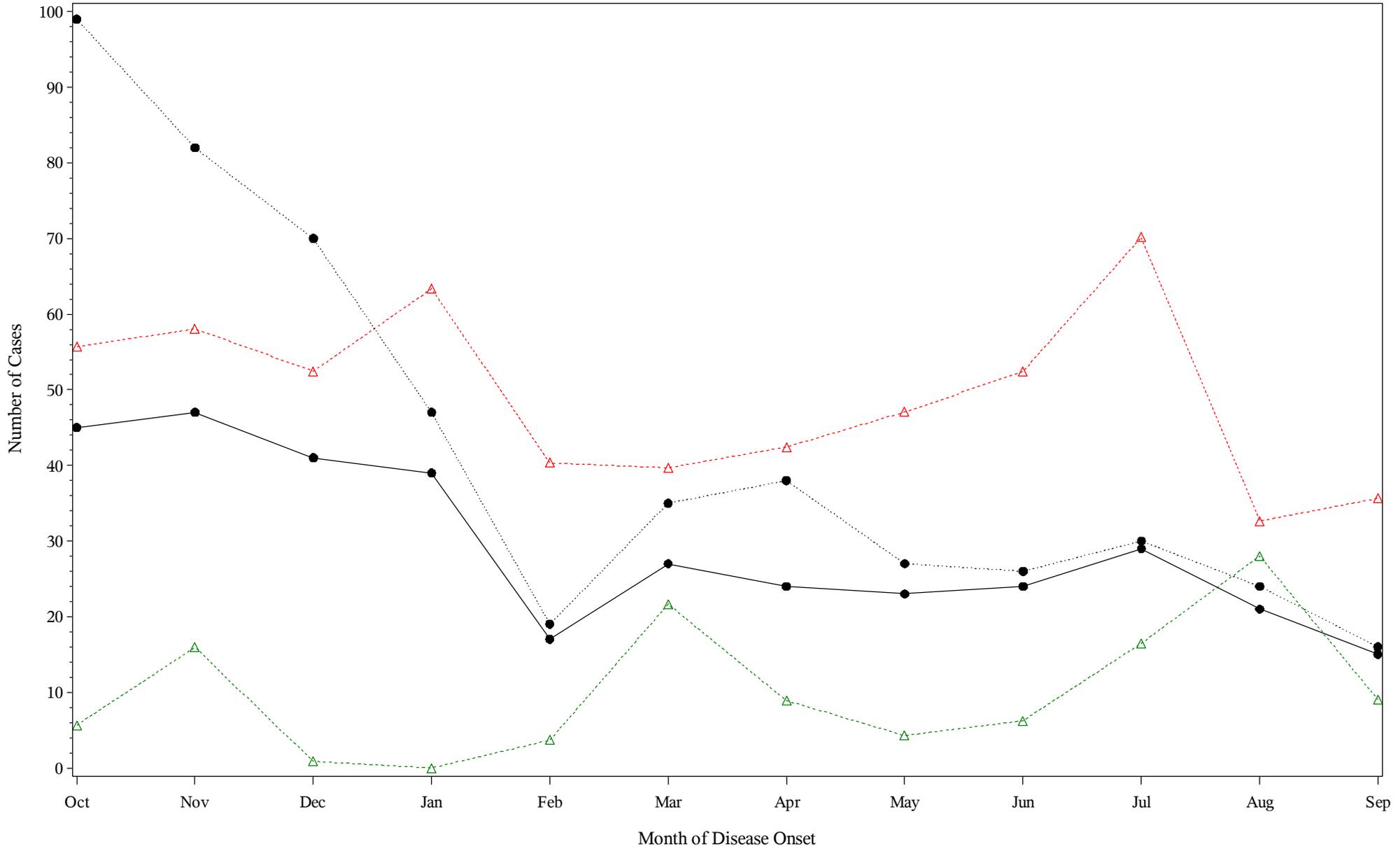


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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Central Pertussis



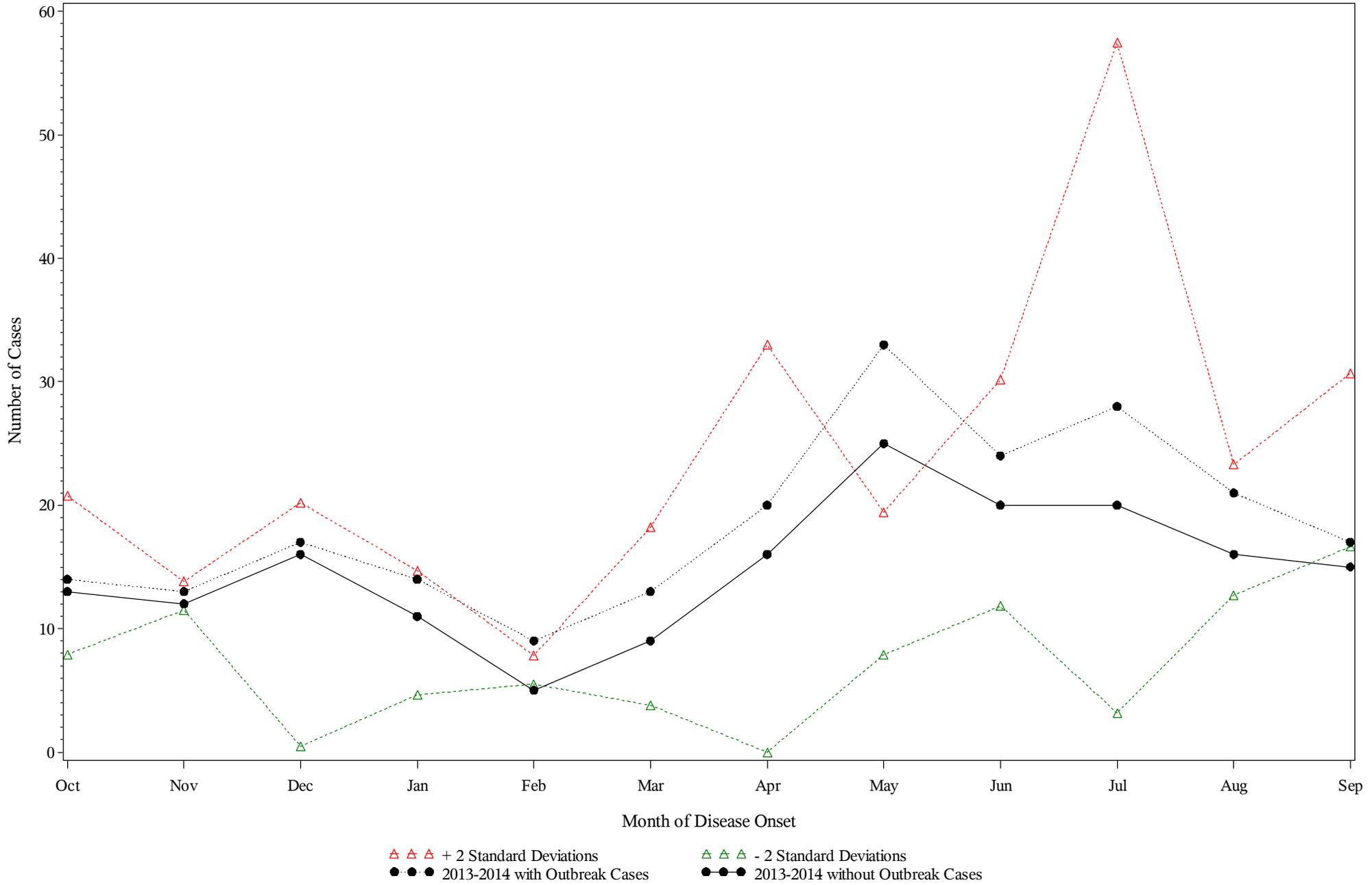
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Central Salmonellosis

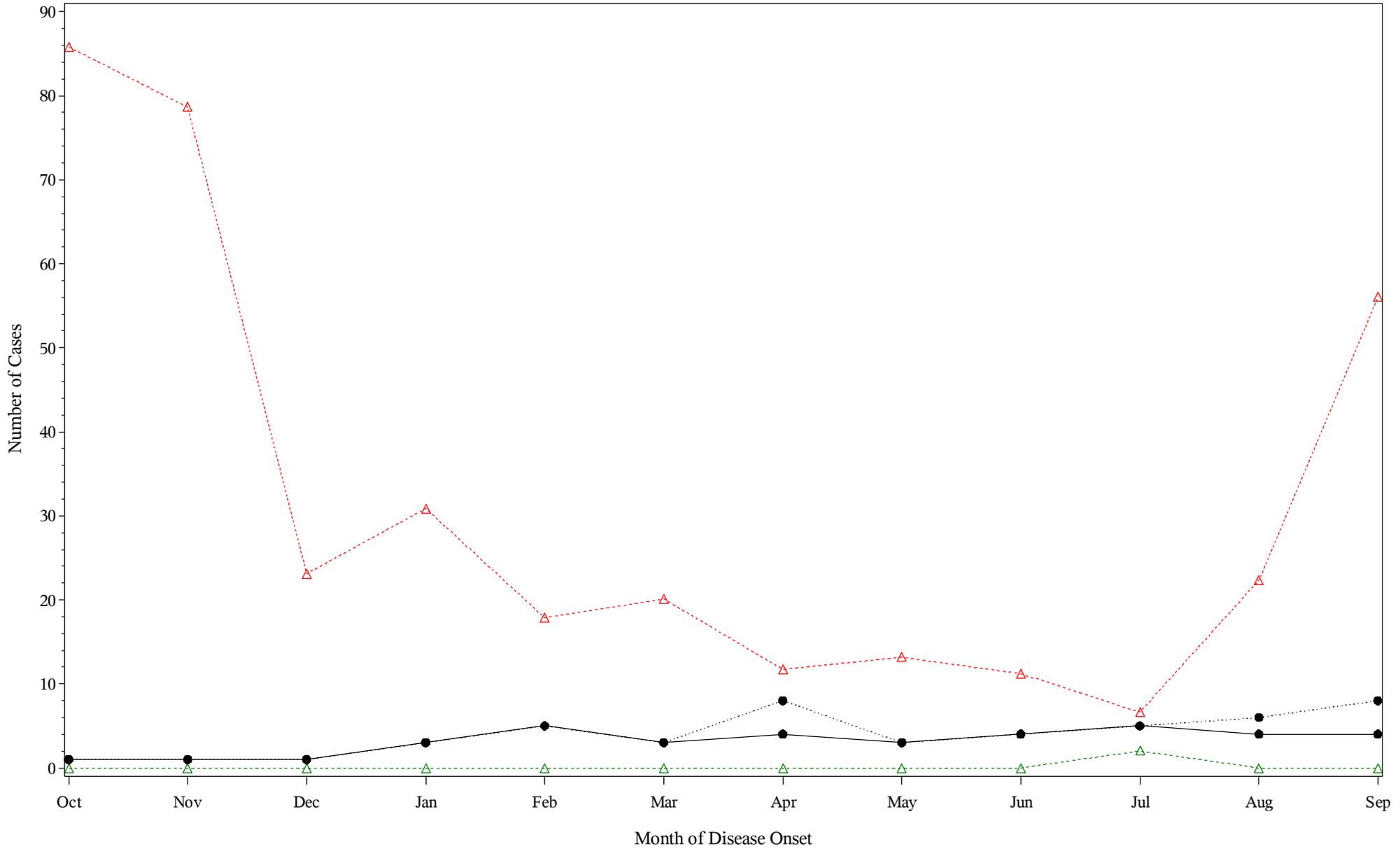


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Central Shigellosis



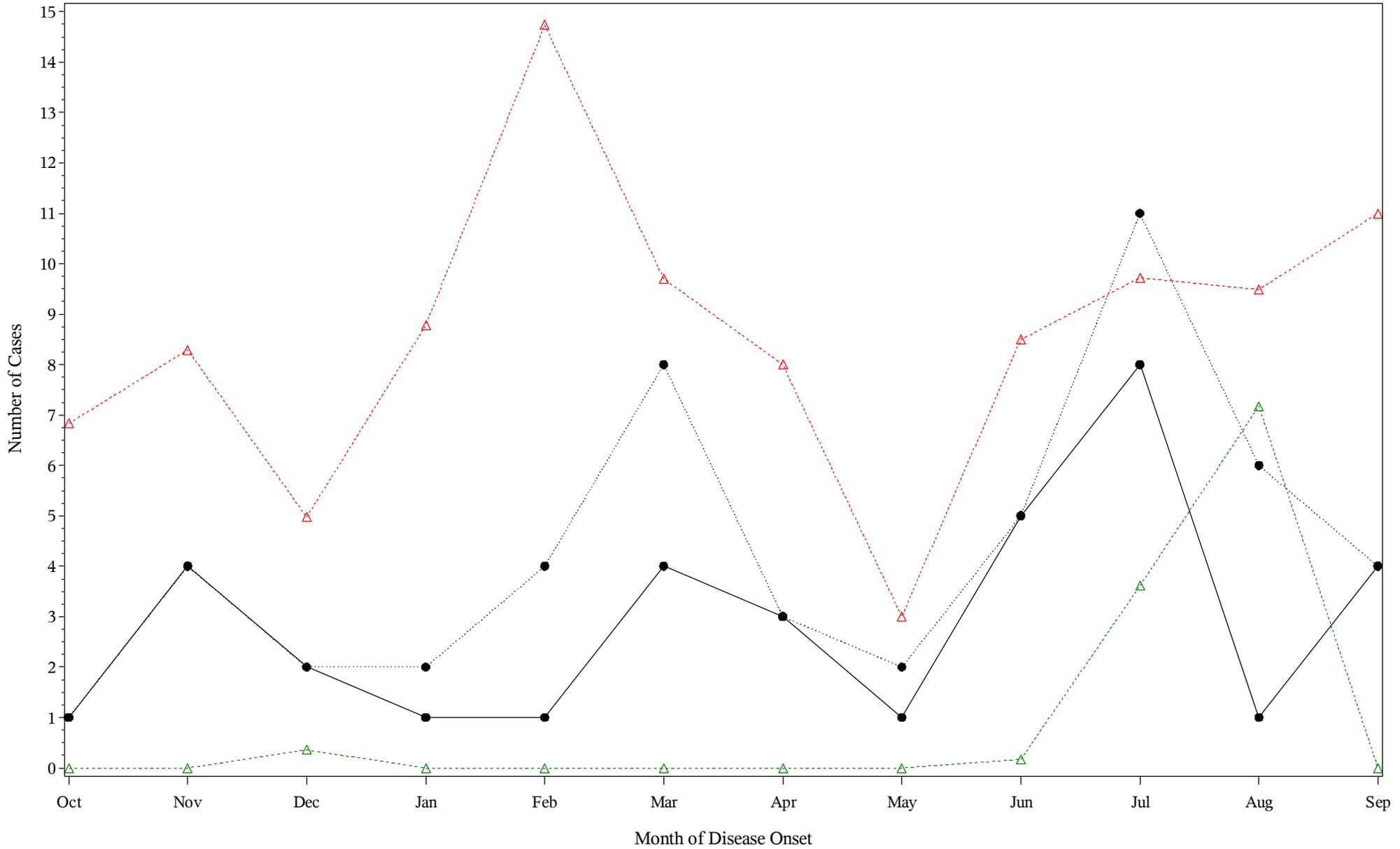
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Central Shiga Toxin-Producing Escherichia coli



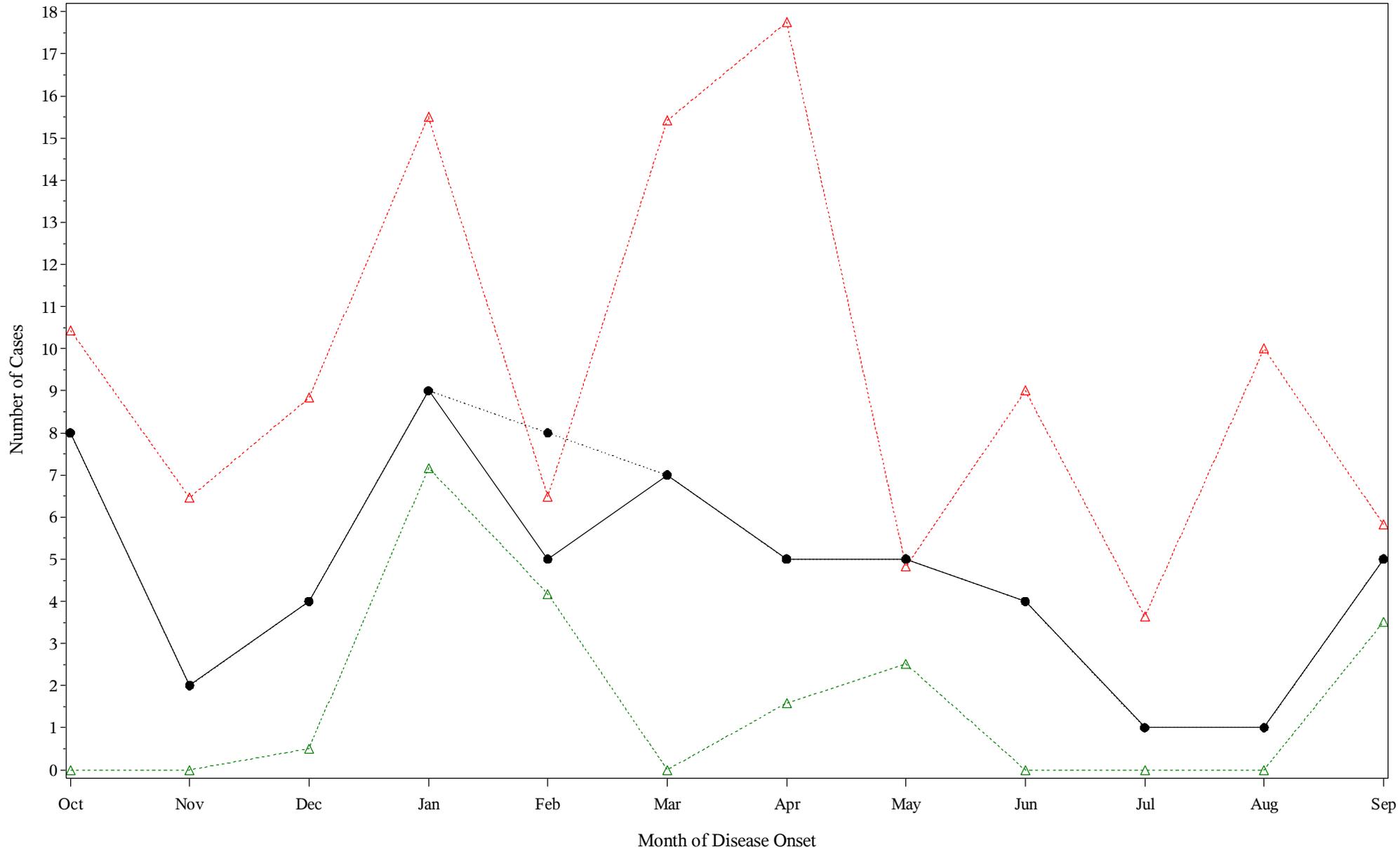
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 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Central      Streptococcal Disease, Group A, Invasive

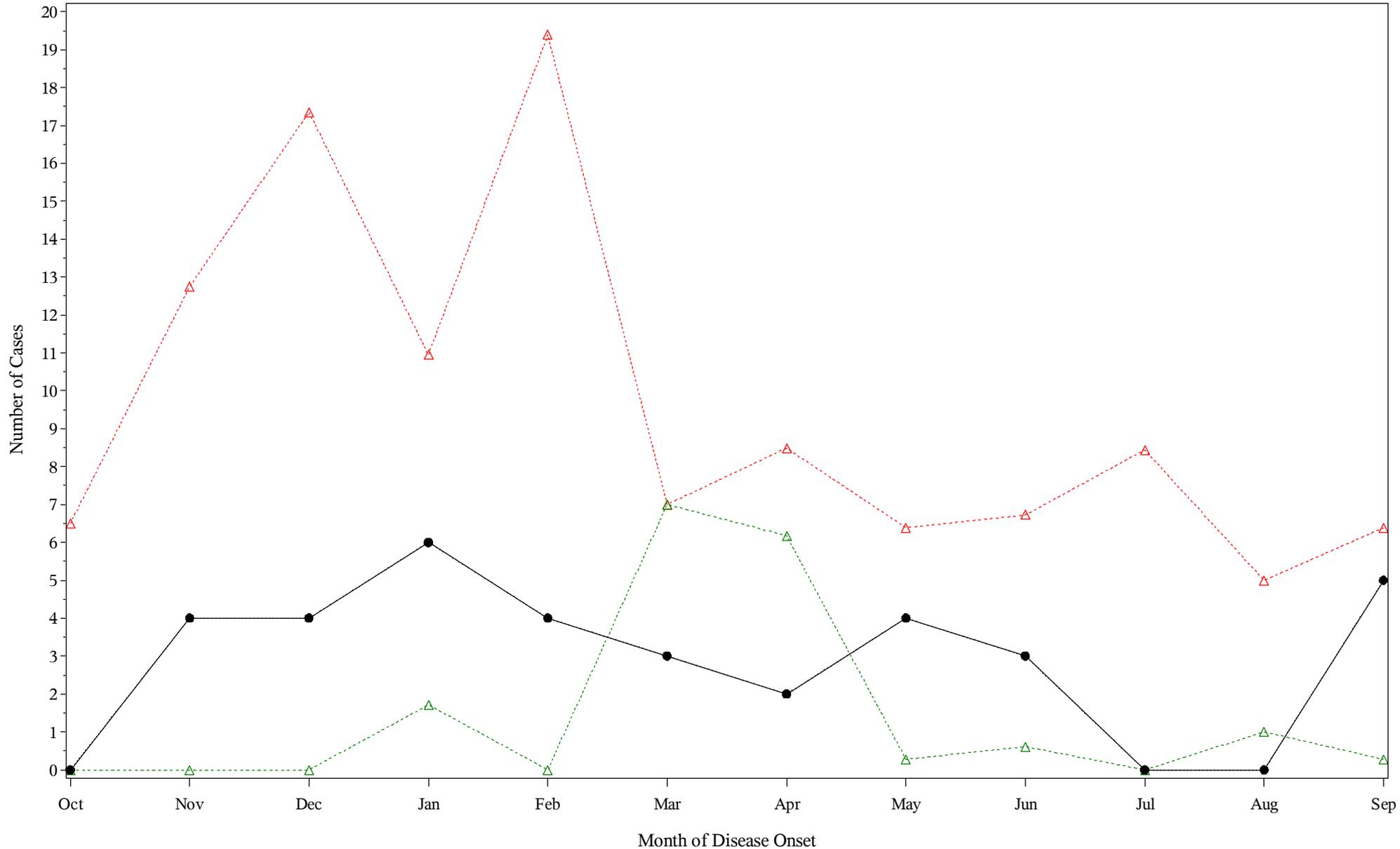


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Central Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate

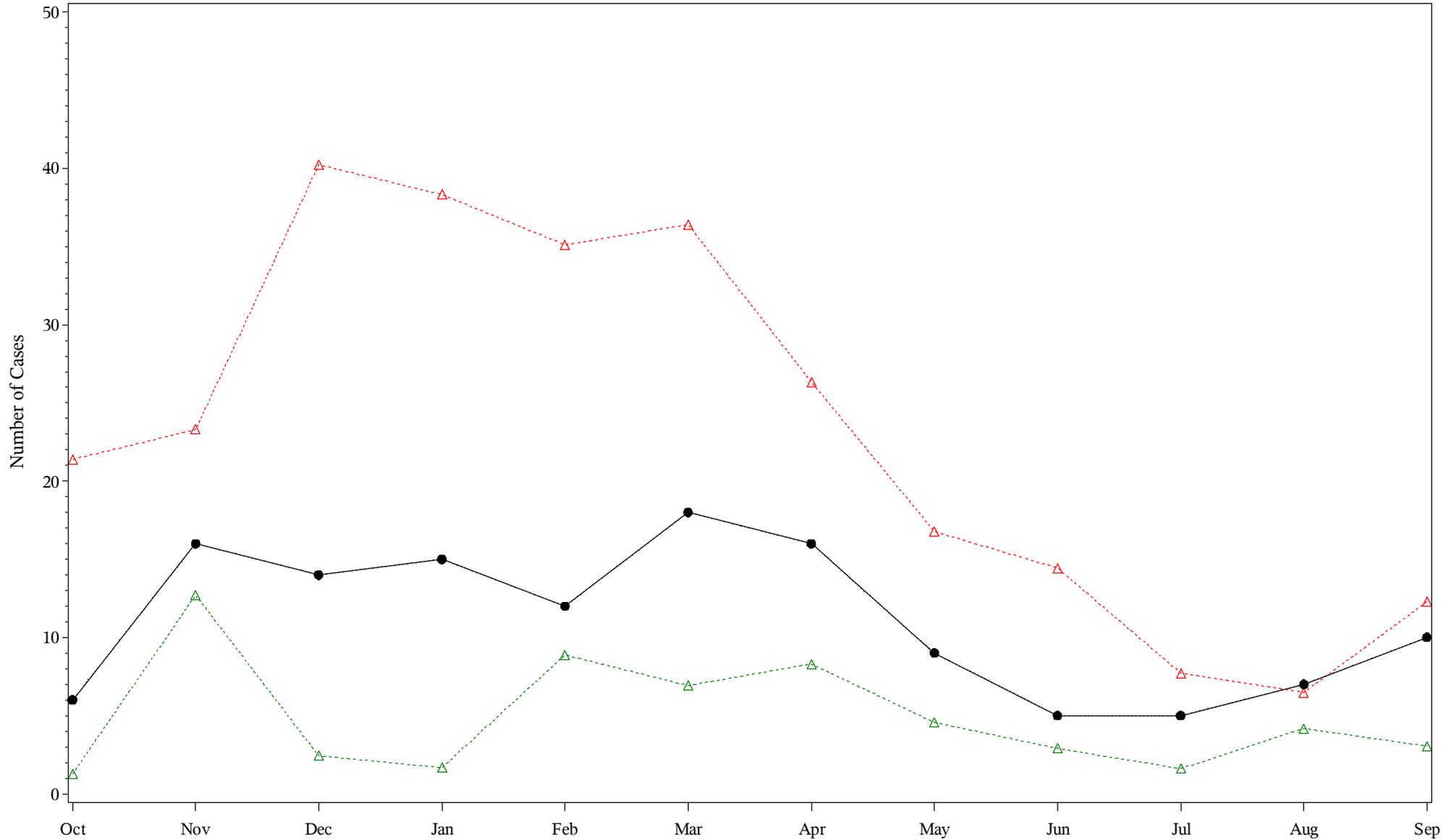


△ △ △ + 2 Standard Deviations     
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● ● ● 2013-2014 with Outbreak Cases     
 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Central Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown

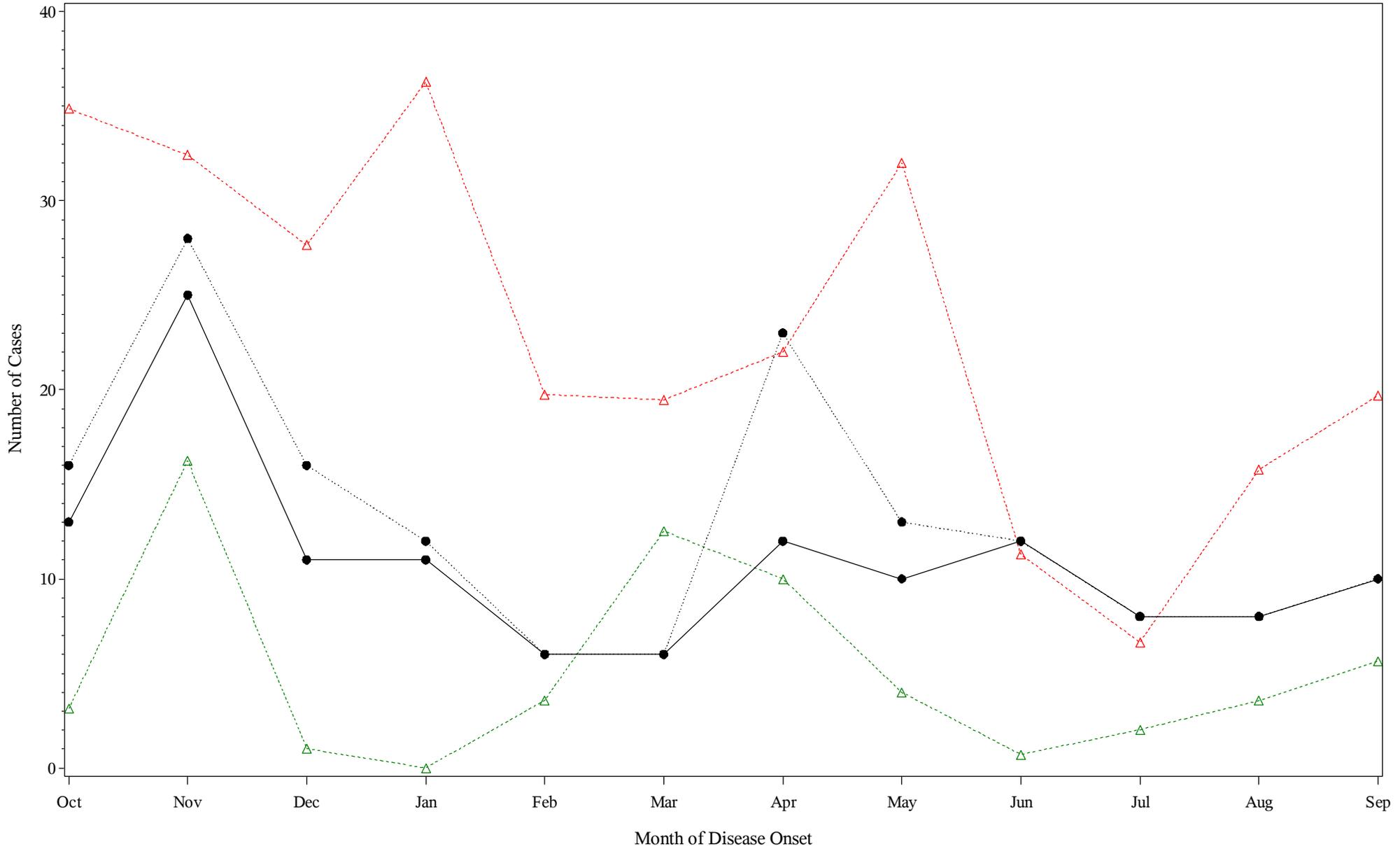


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Central Varicella



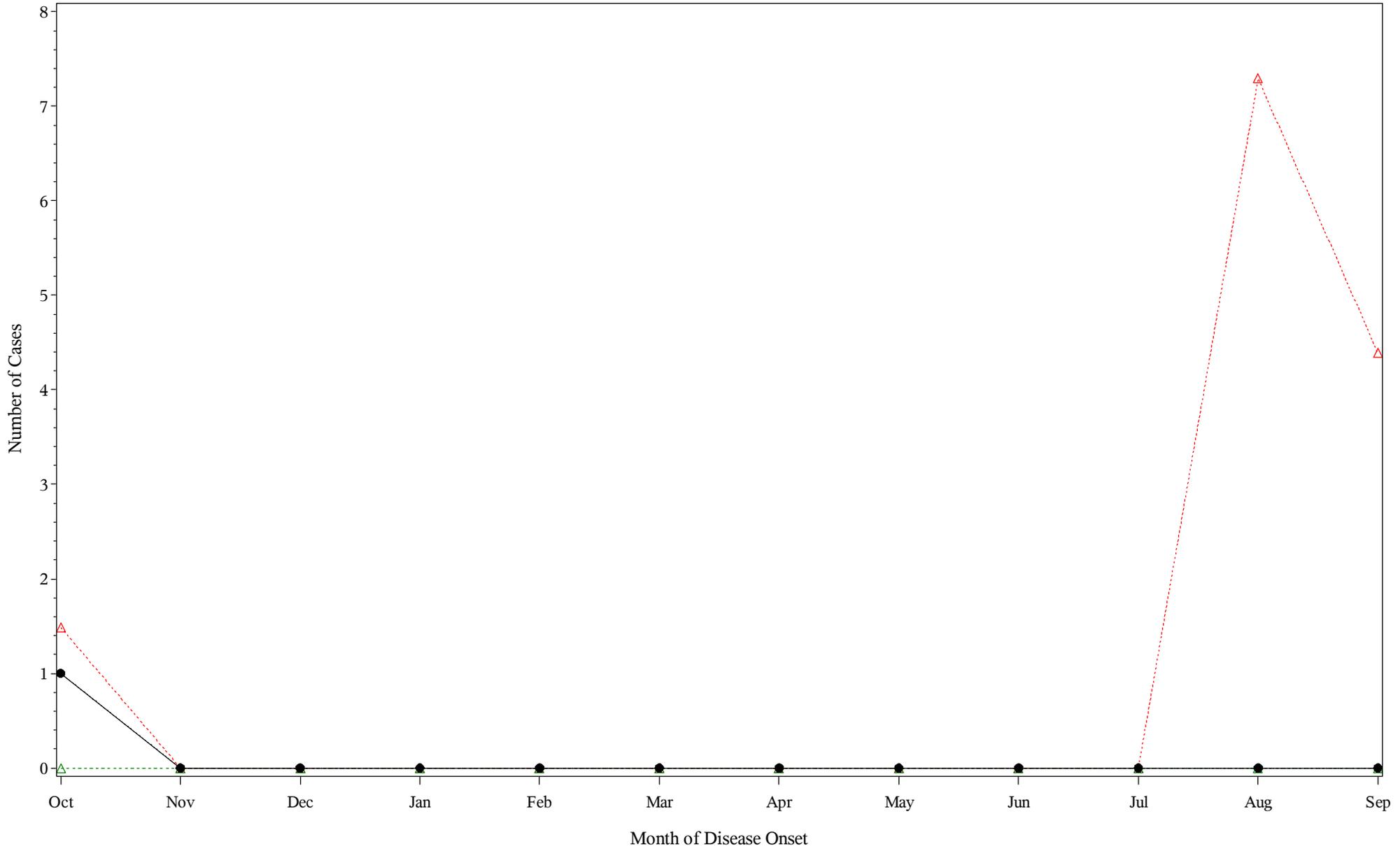
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● ● ● 2013-2014 with Outbreak Cases     
 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Central West Nile Virus Disease



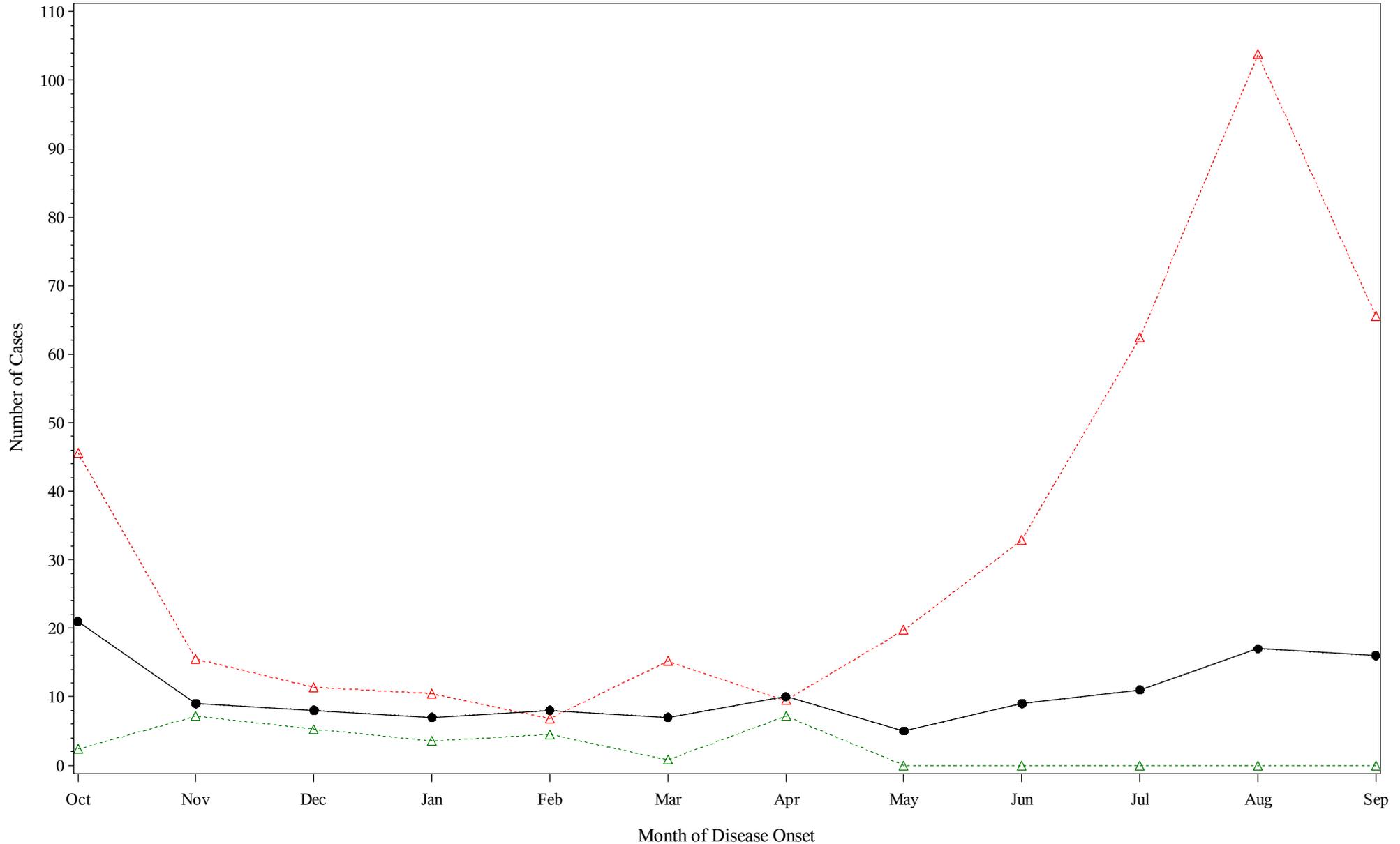
△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      Aseptic Meningitis

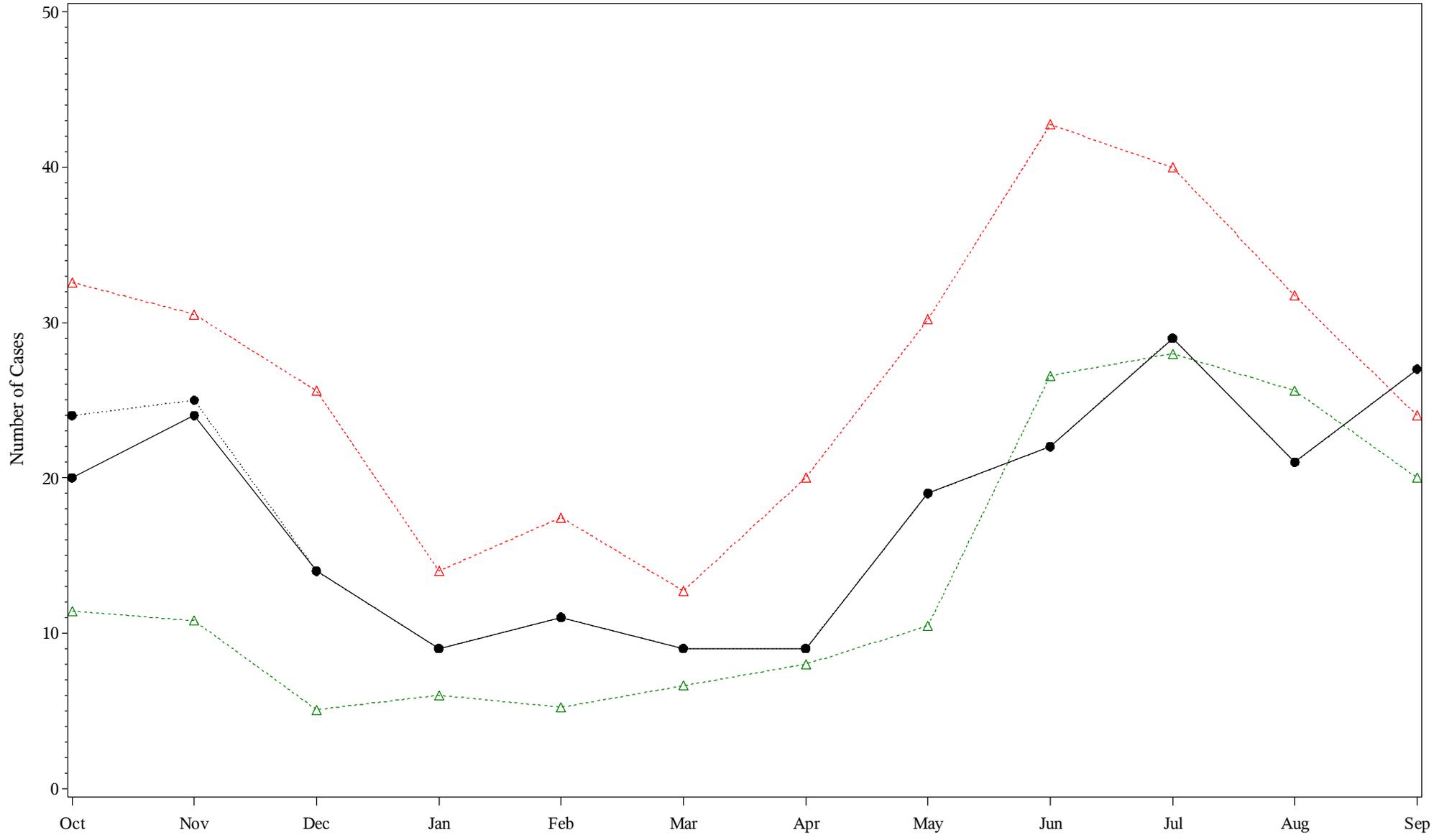


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      Campylobacteriosis

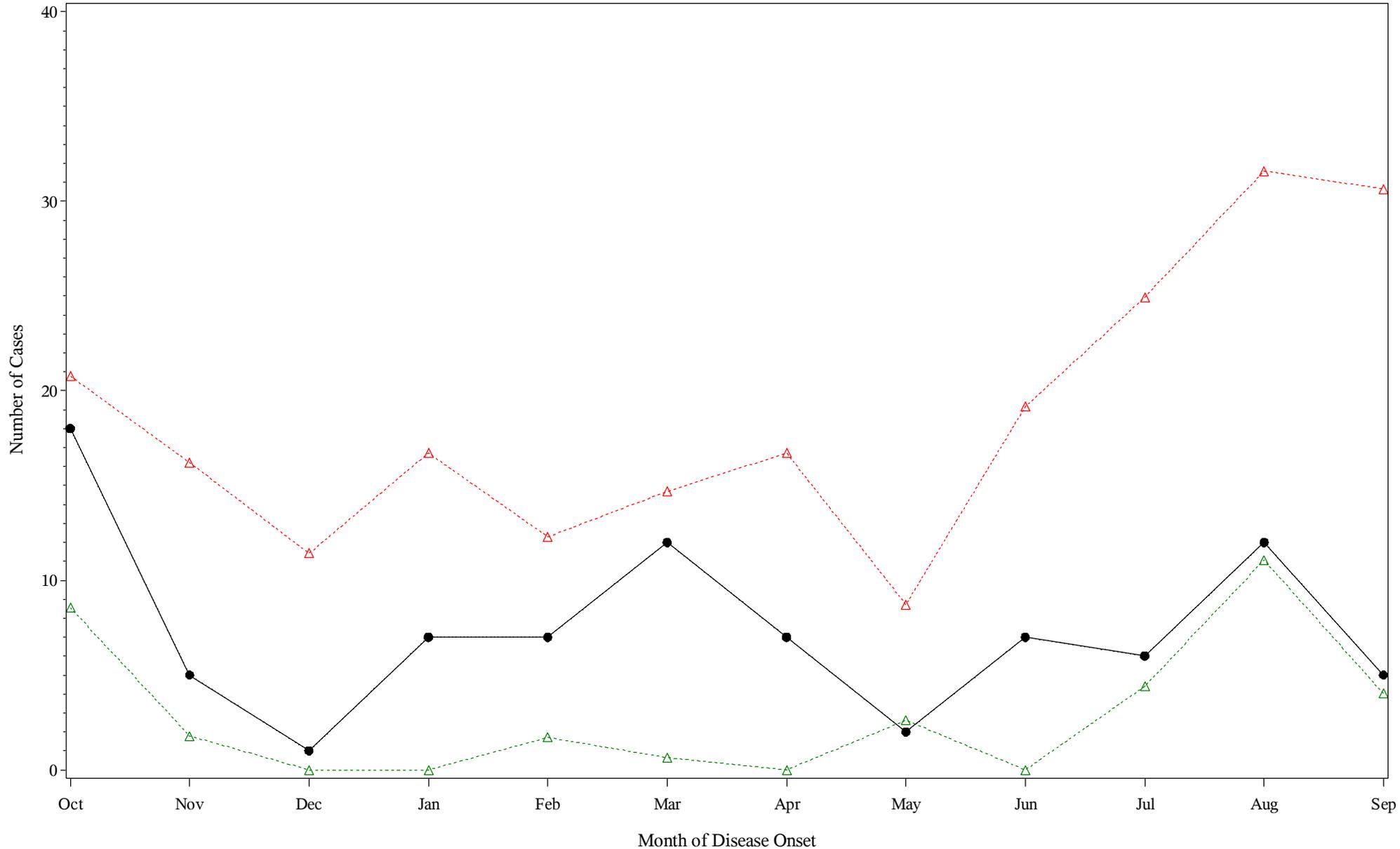


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      Cryptosporidiosis

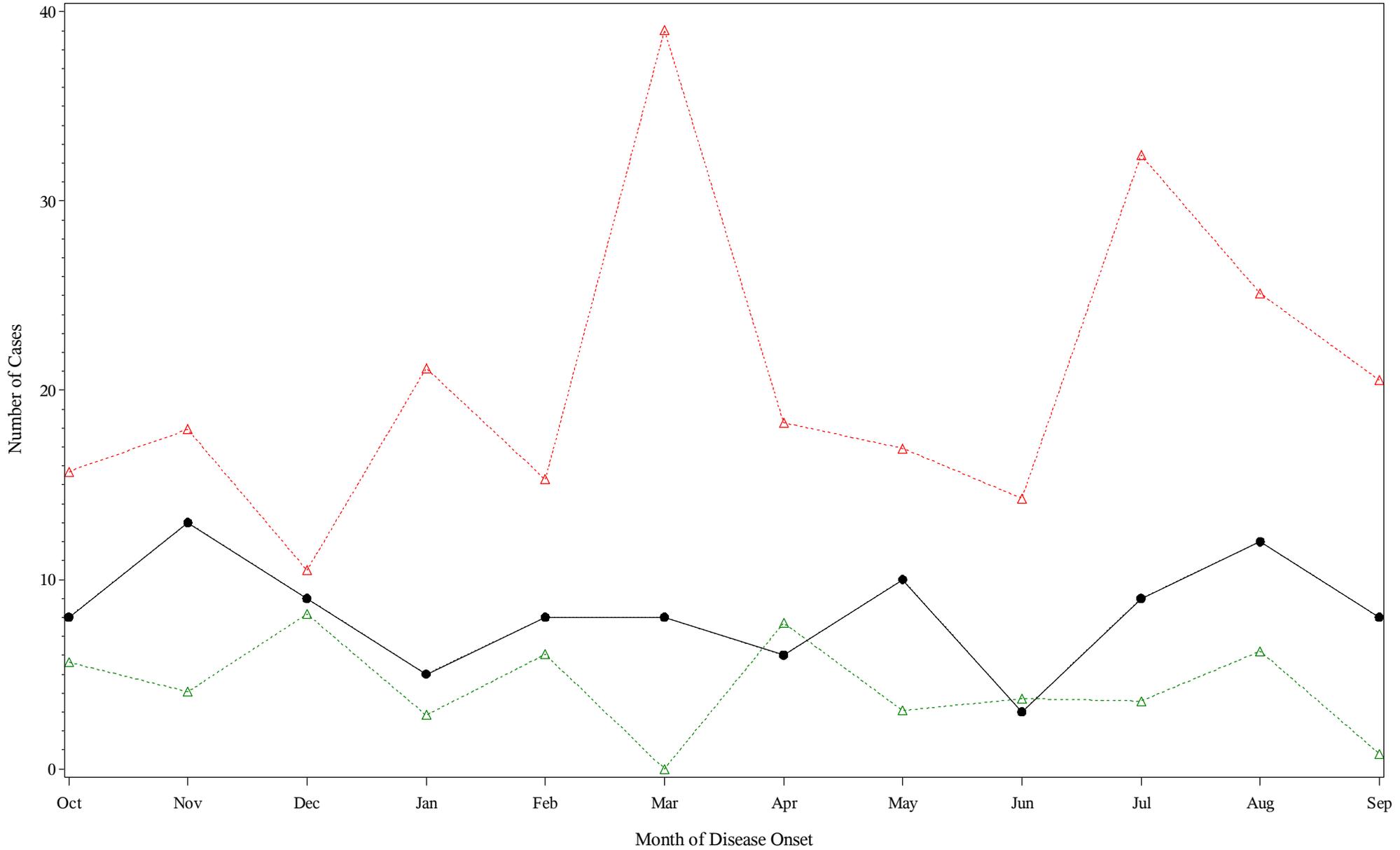


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      Giardiasis



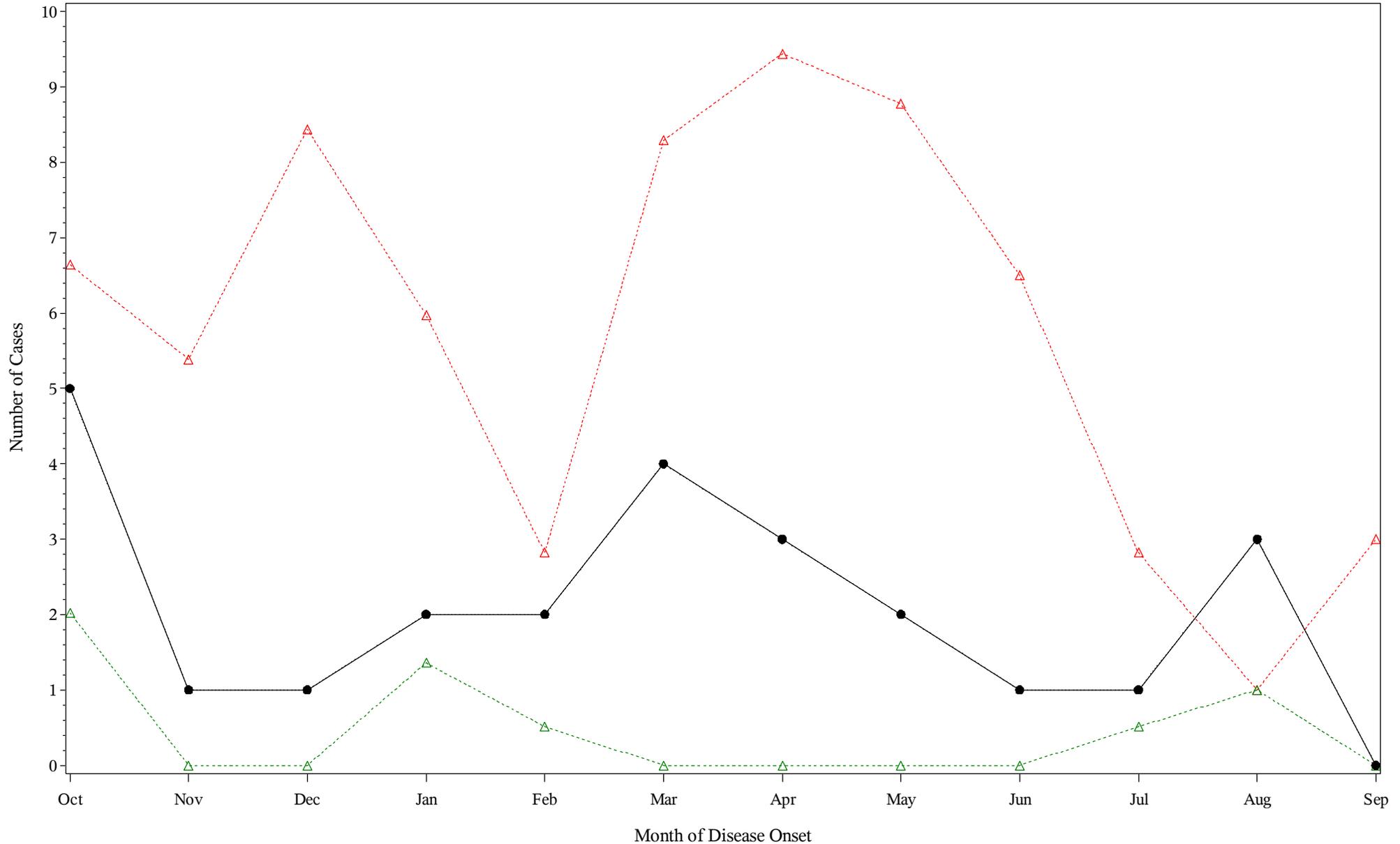
△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      Haemophilus influenzae, Invasive

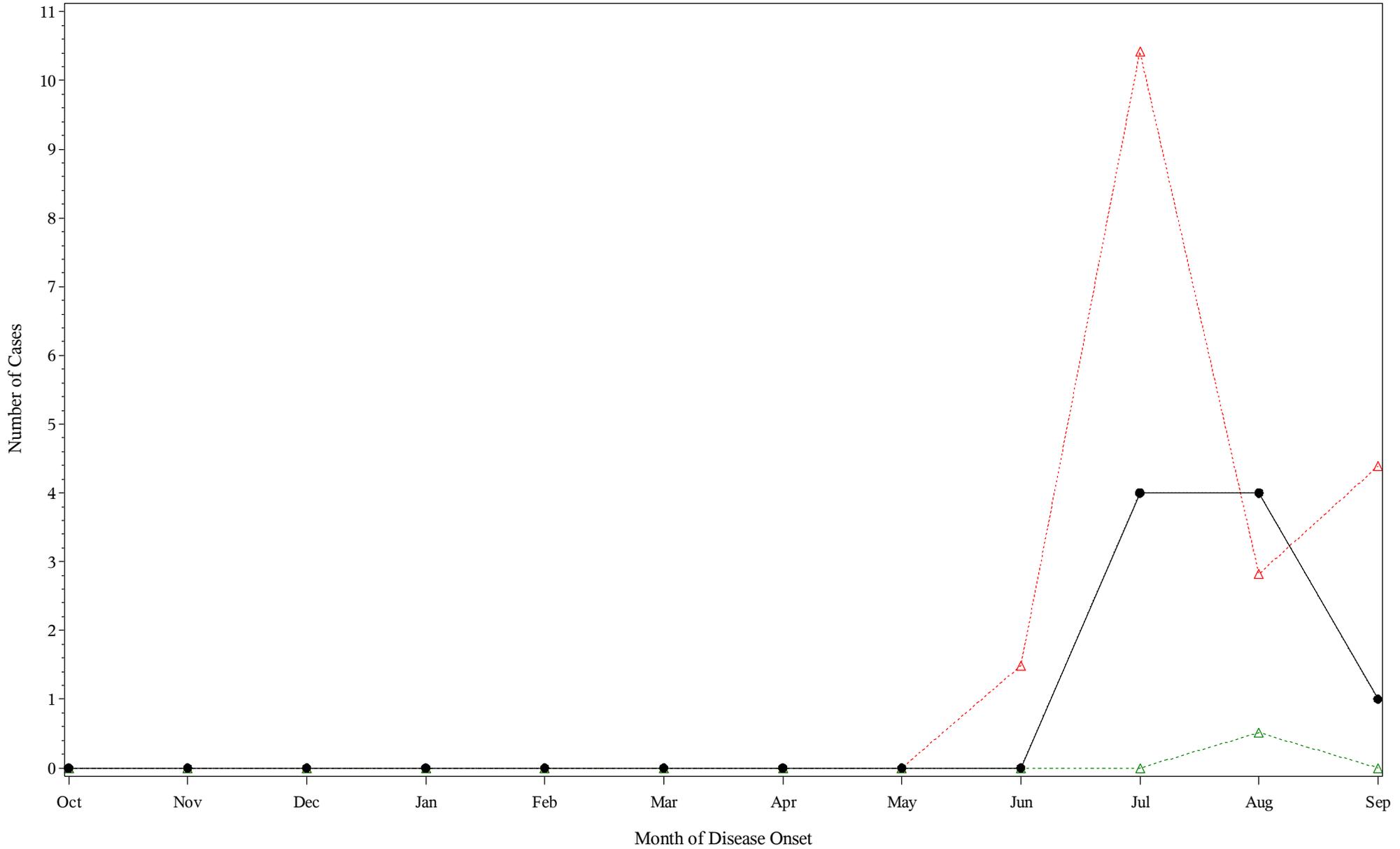


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      LaCrosse Virus Disease



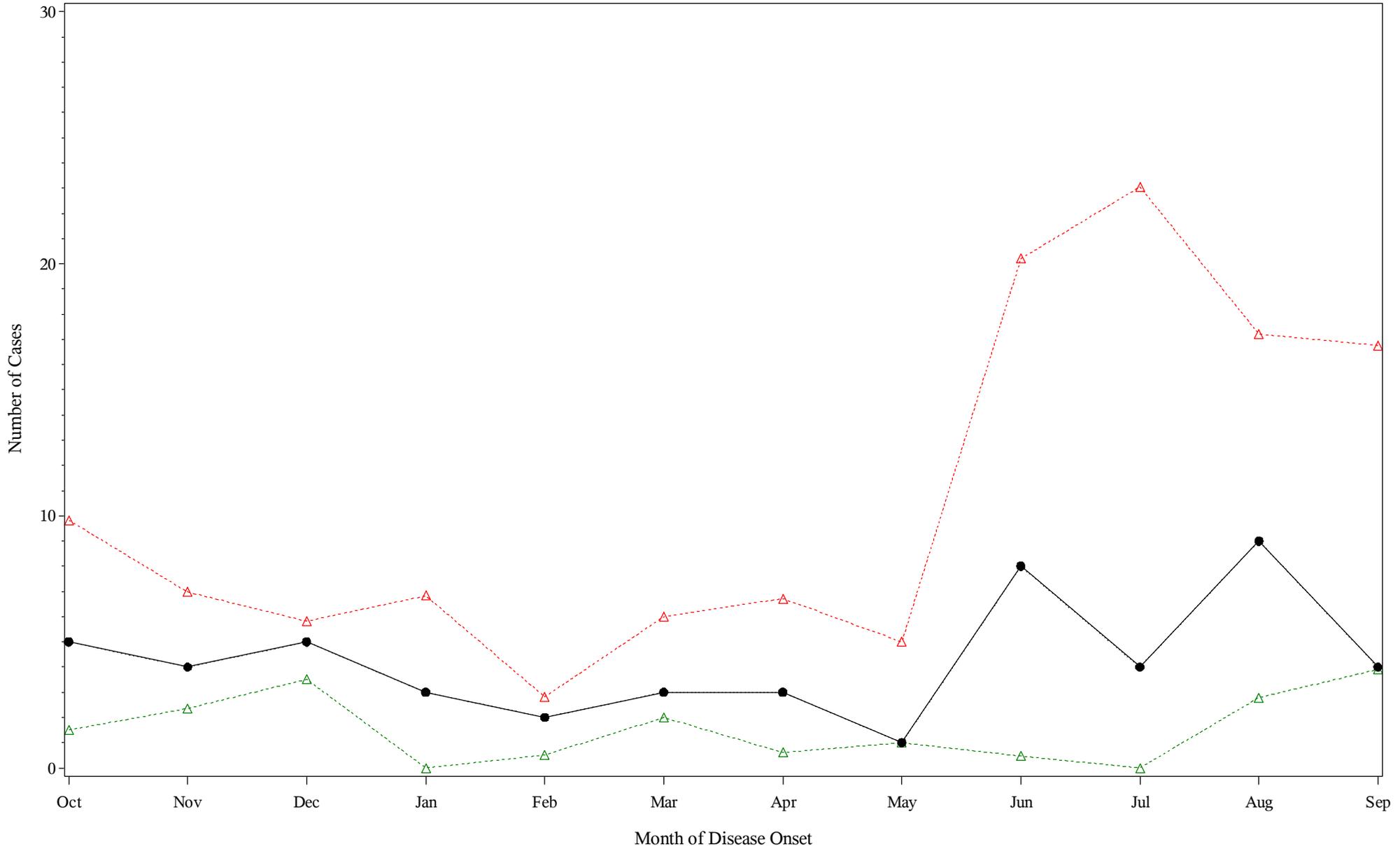
△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

East Central Legionellosis



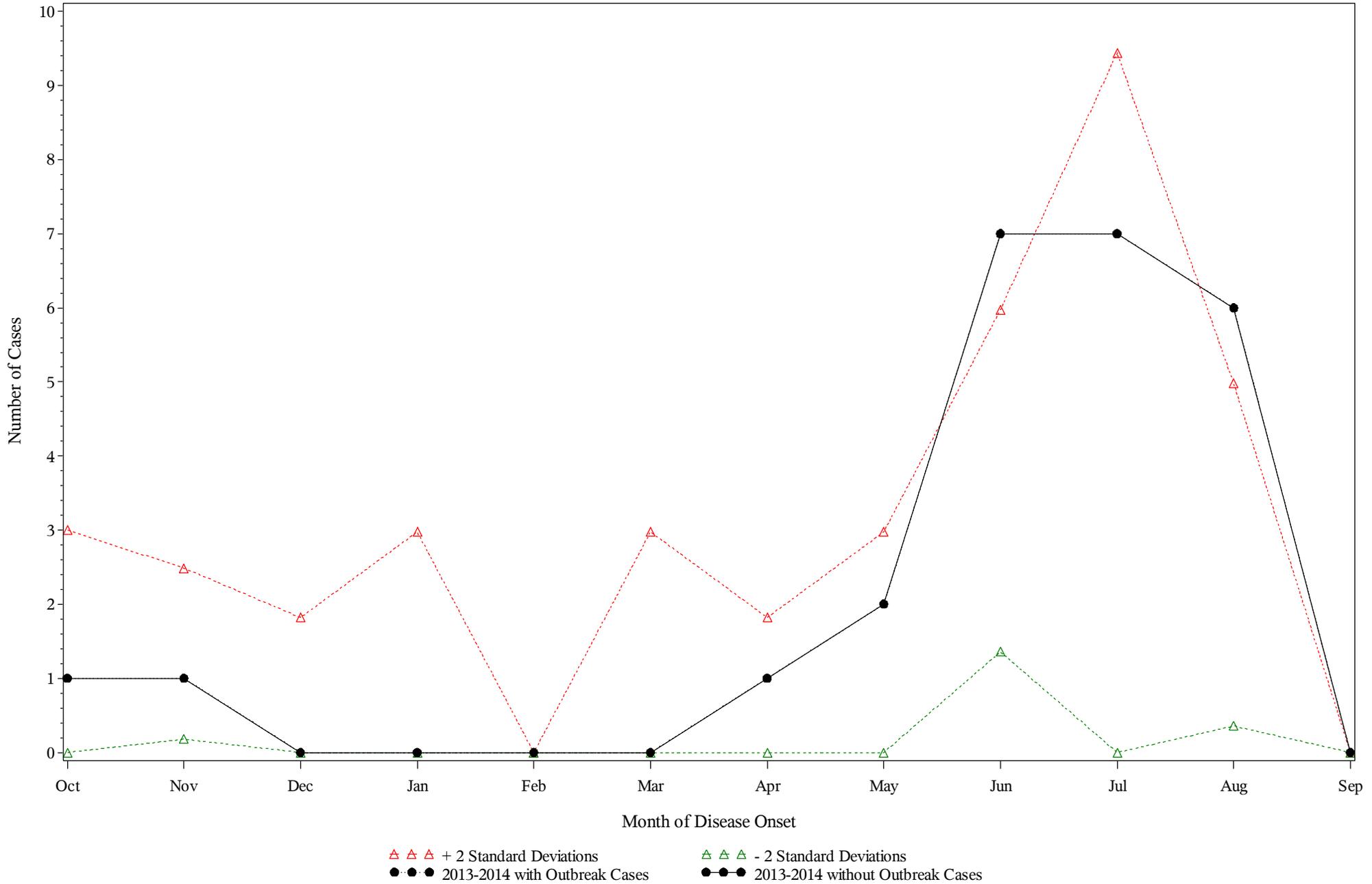
△ △ △ + 2 Standard Deviations     
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● ● ● 2013-2014 with Outbreak Cases     
 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      Lyme Disease

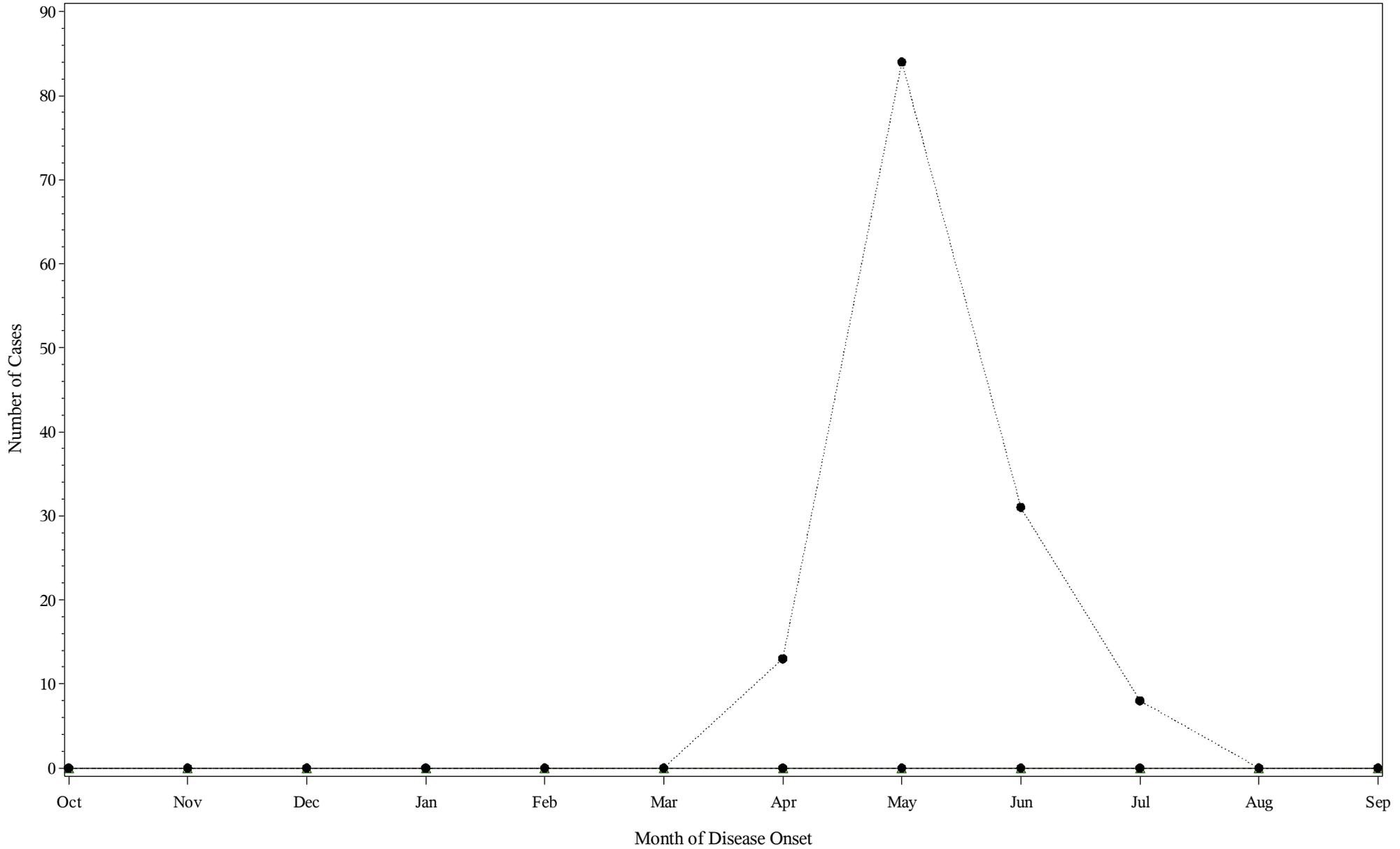


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central Measles



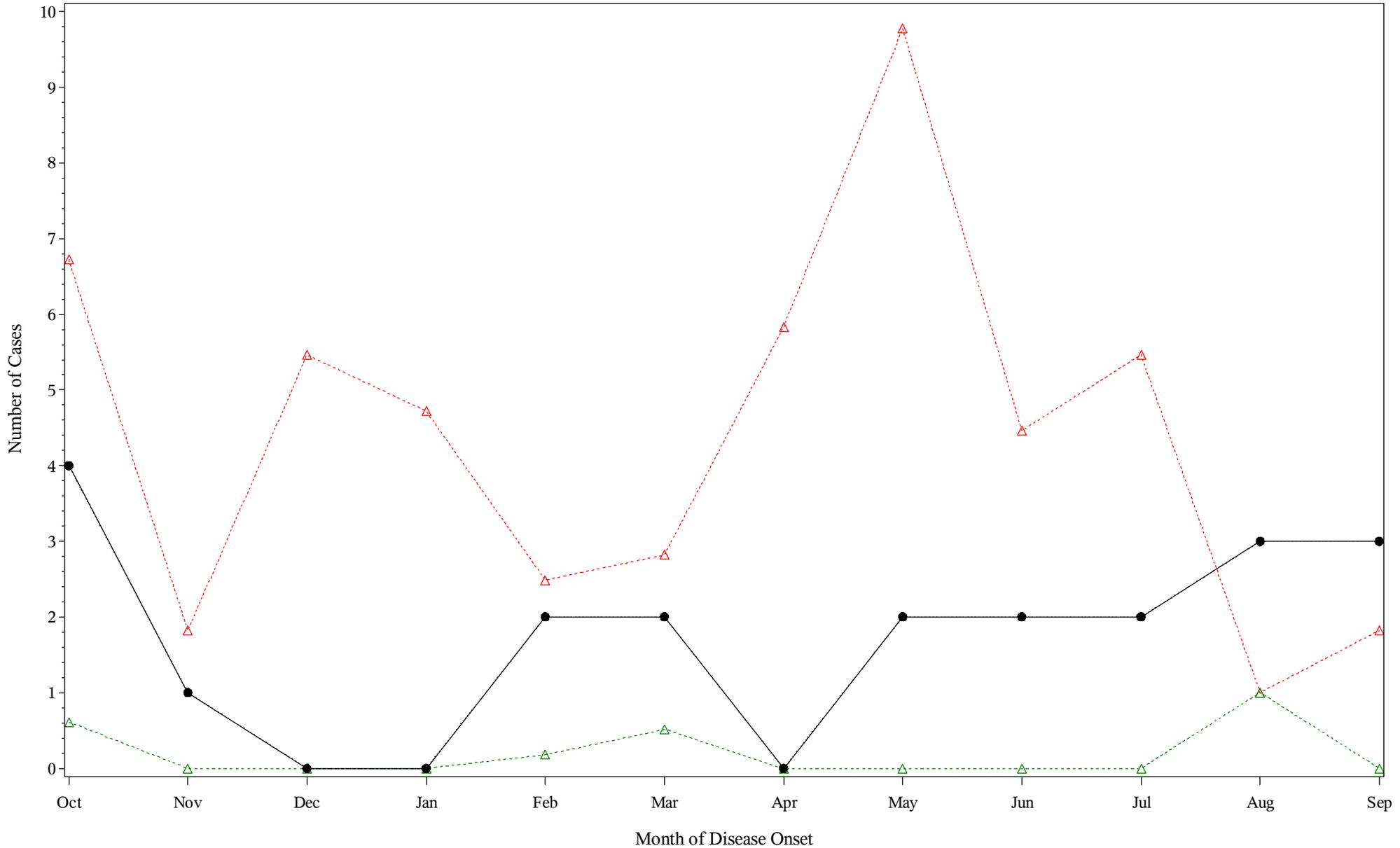
△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      Bacterial Meningitis



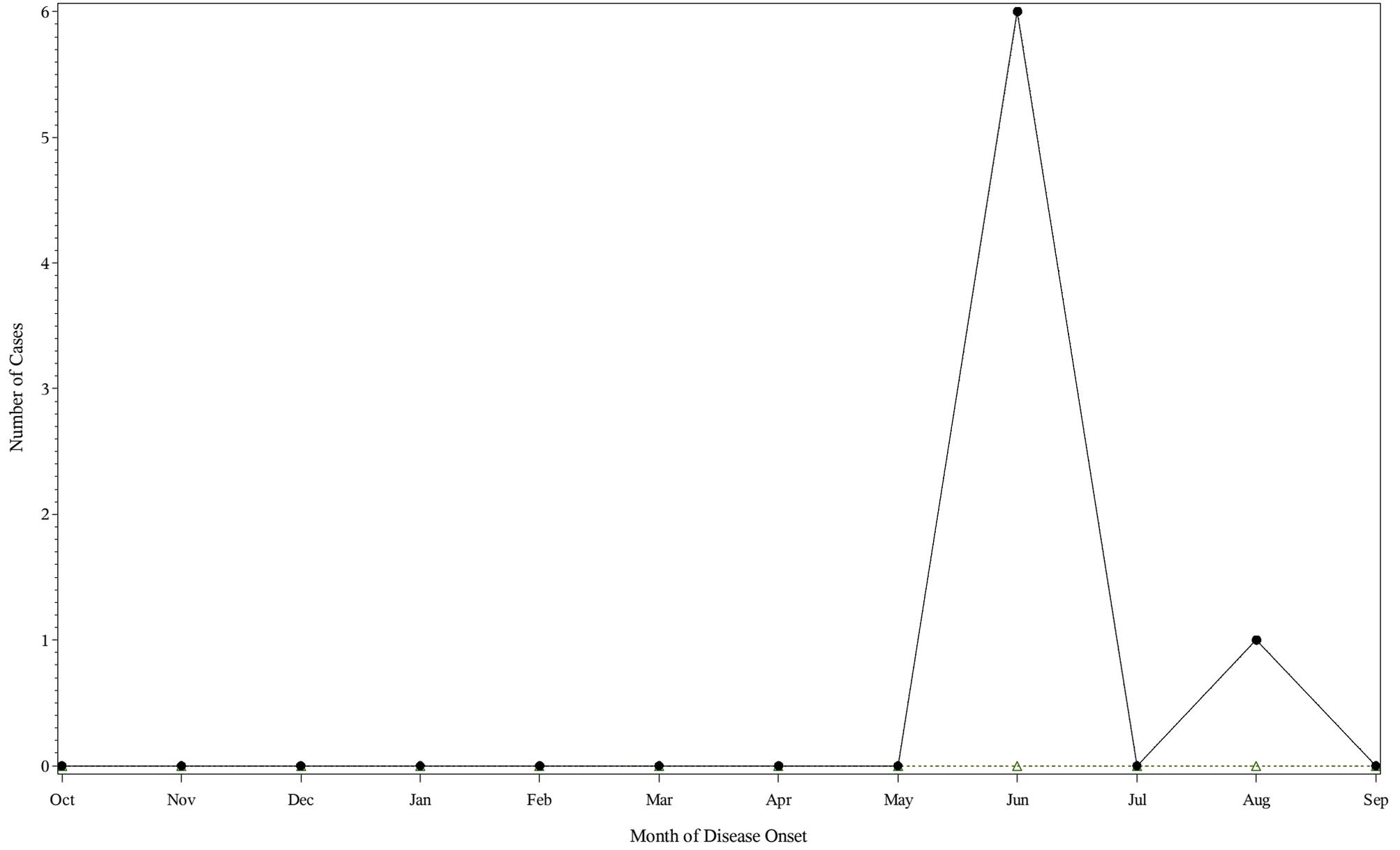
△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      Other Arthropod-borne Disease

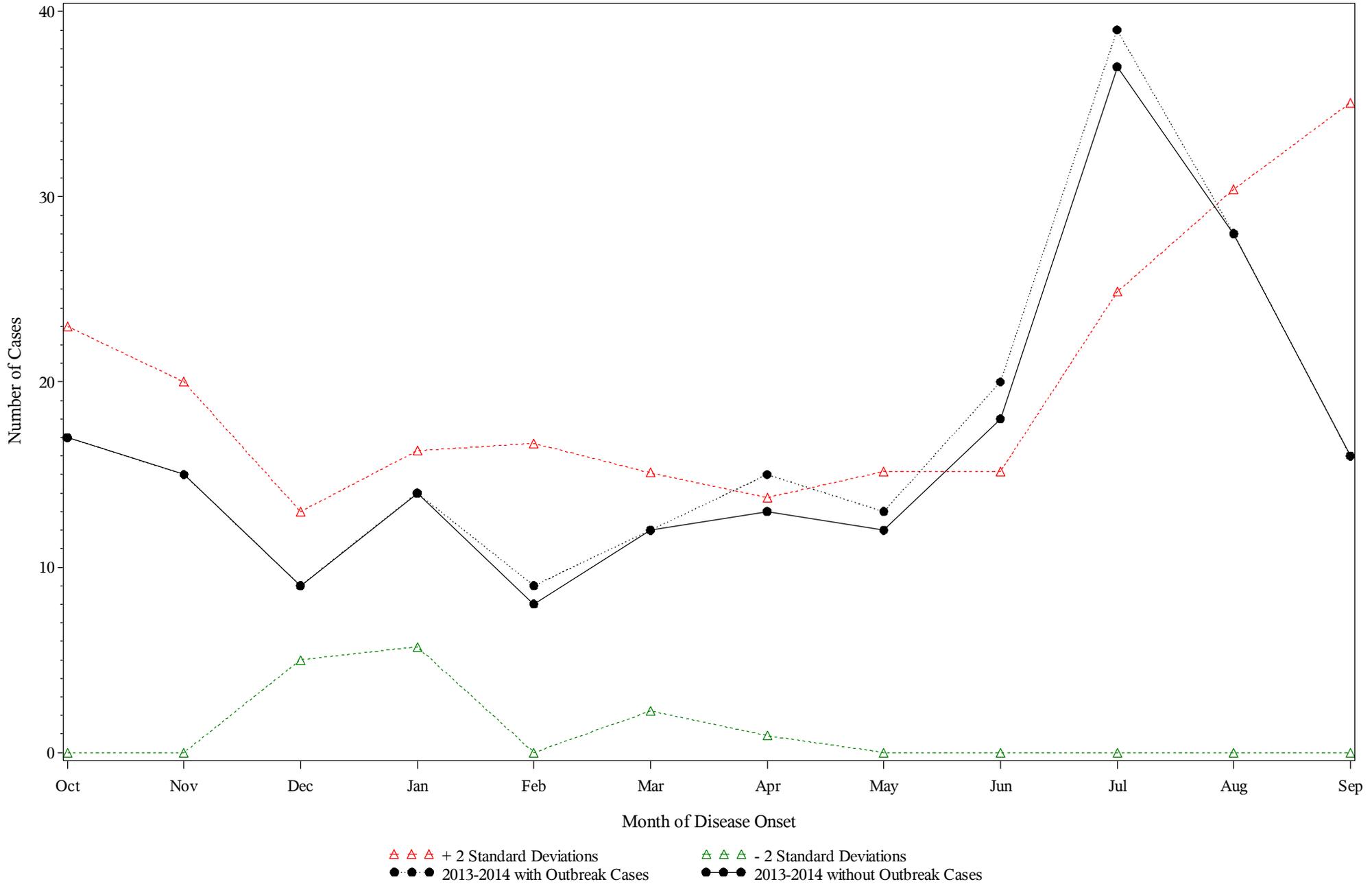


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      Pertussis

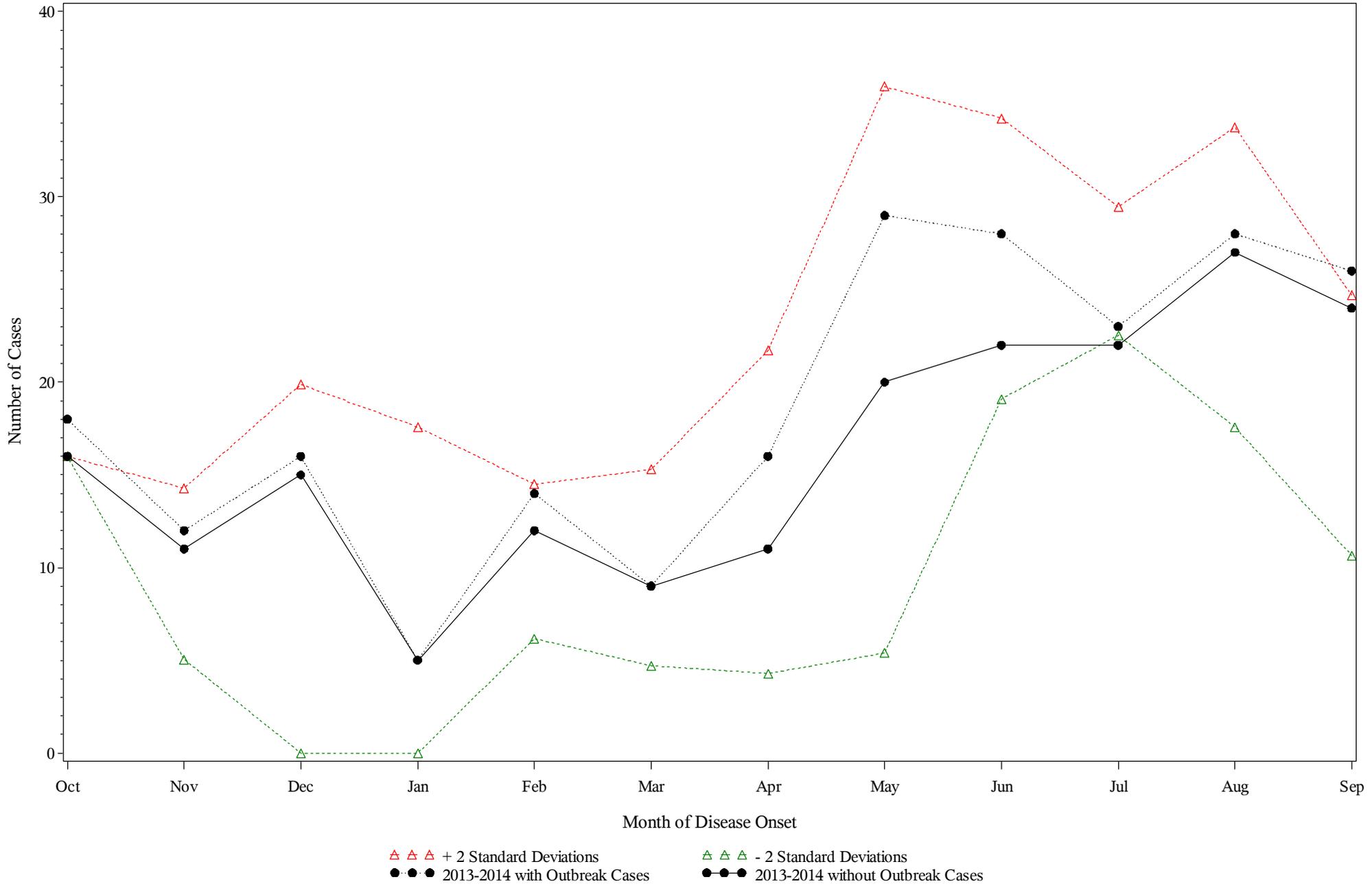


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

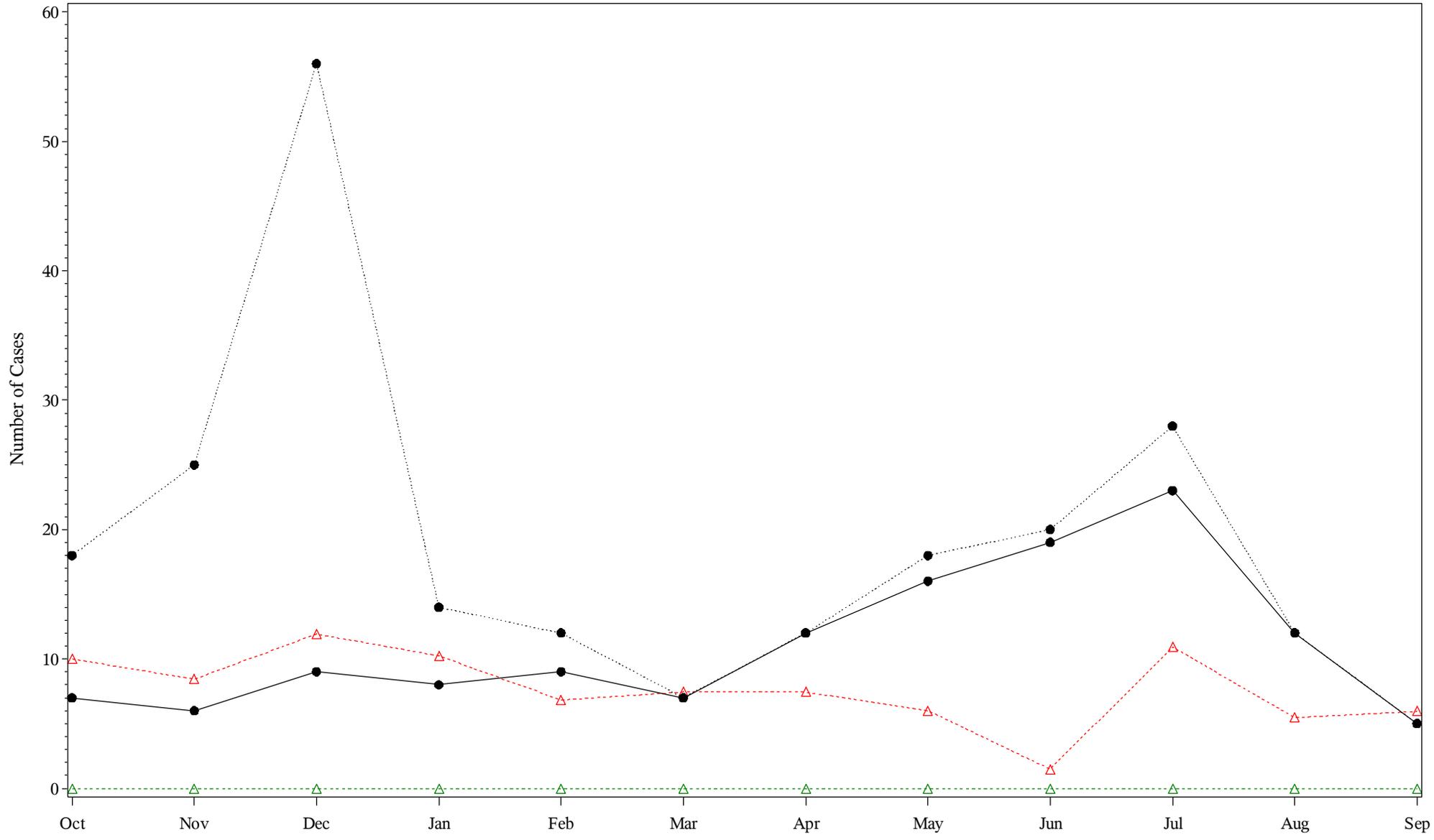
## East Central Salmonellosis



Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      Shigellosis

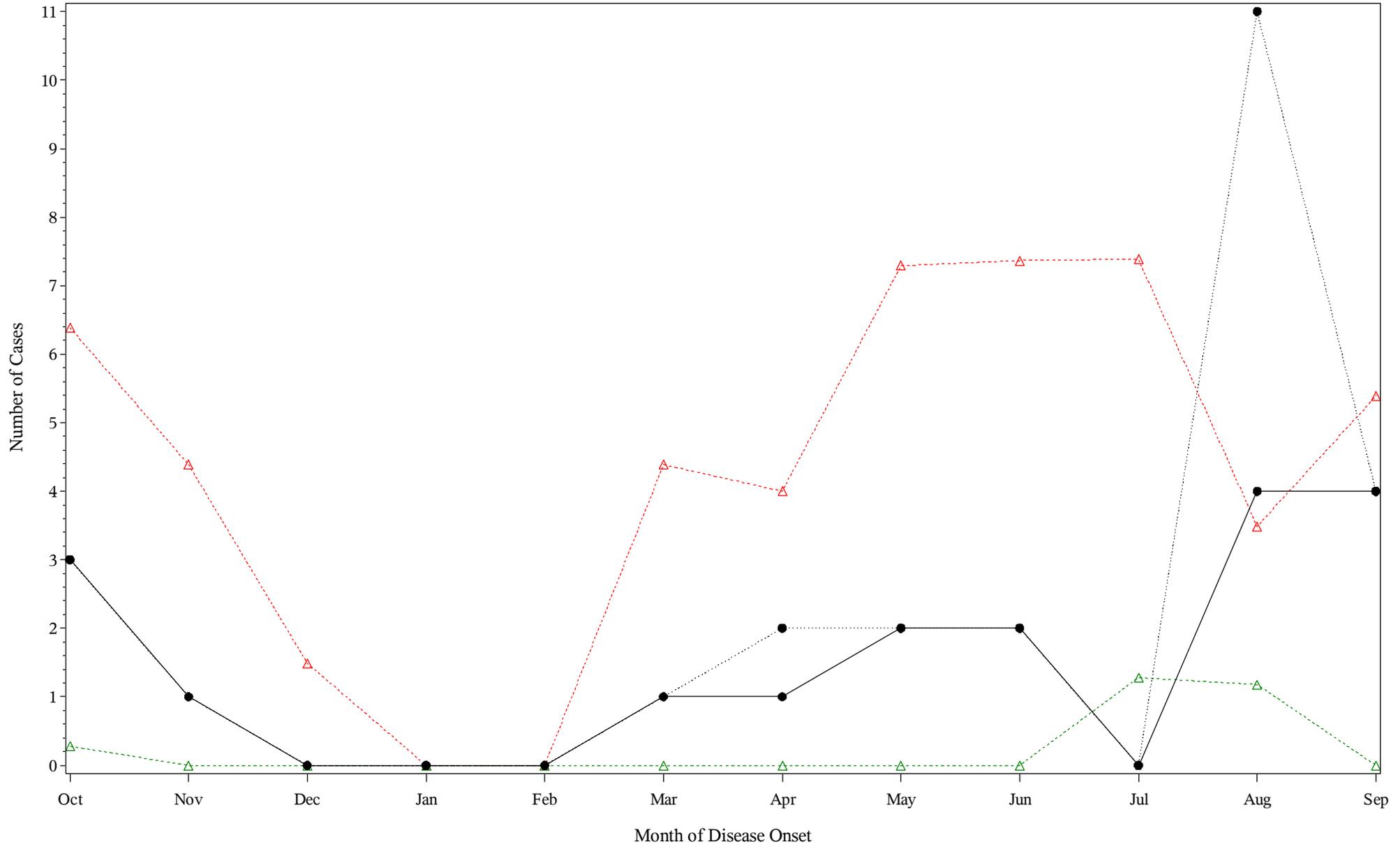


▲ ▲ ▲ + 2 Standard Deviations      ▲ ▲ ▲ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      Shiga Toxin-Producing Escherichia coli

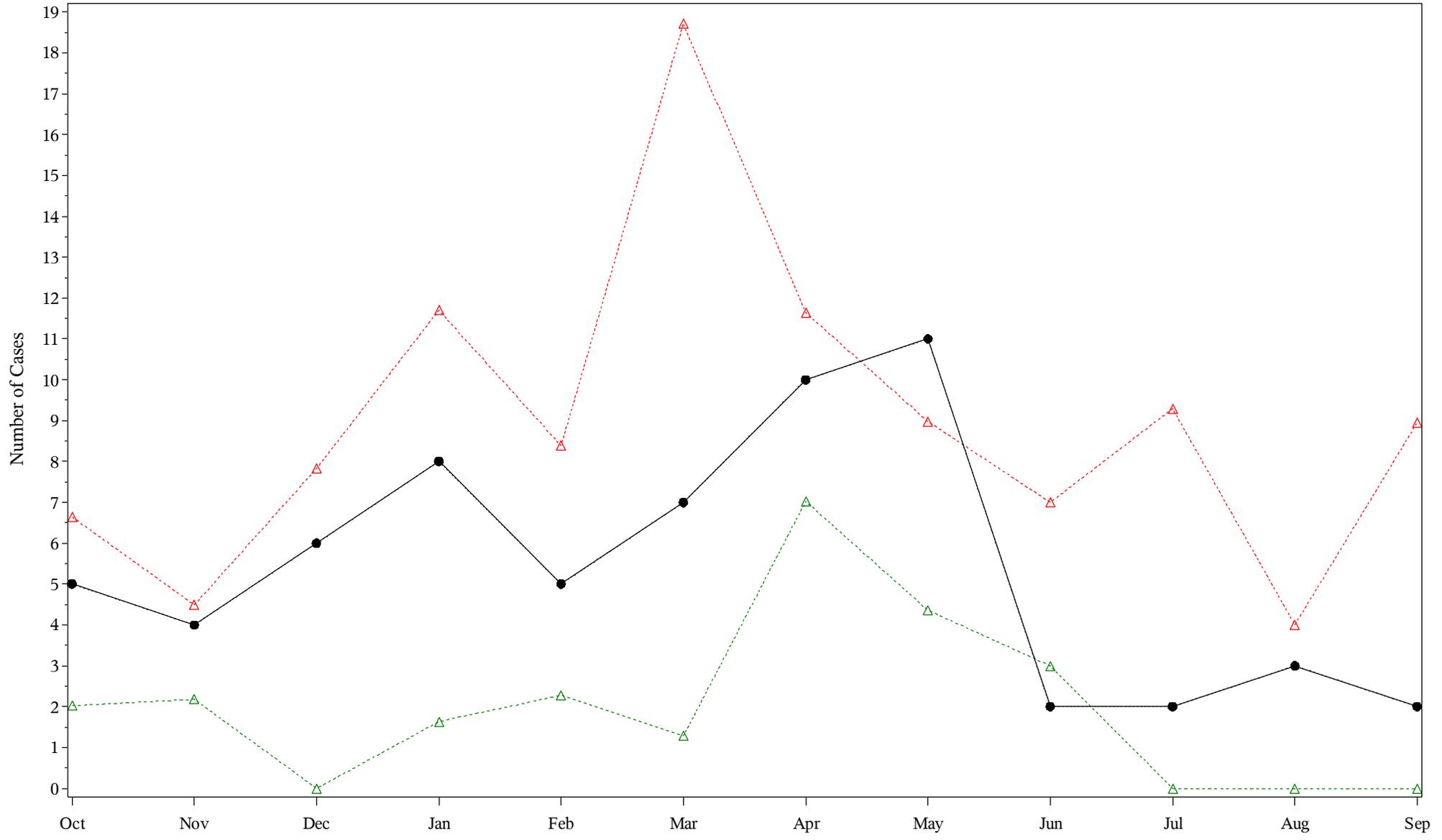


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      Streptococcal Disease, Group A, Invasive

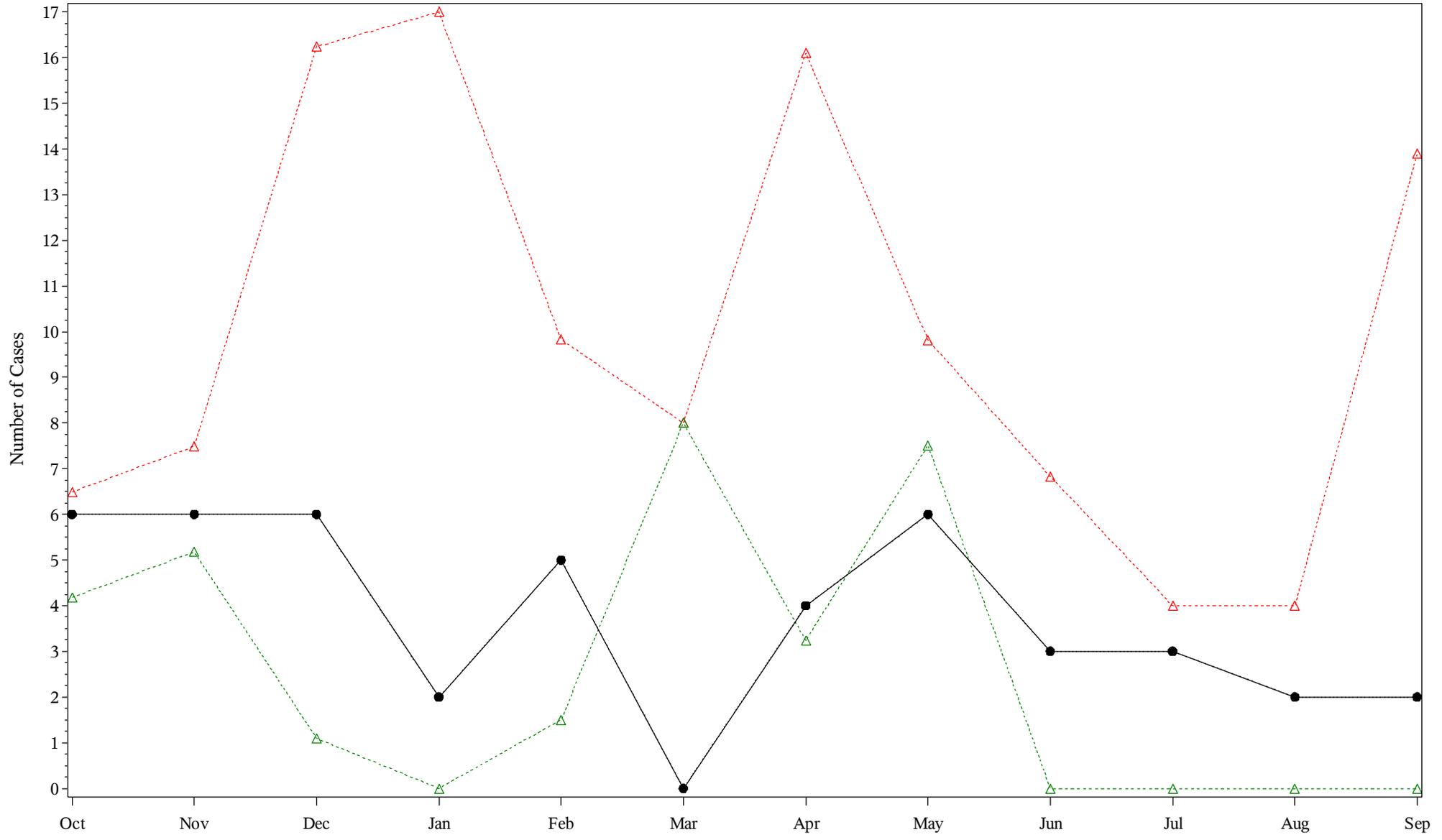


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate

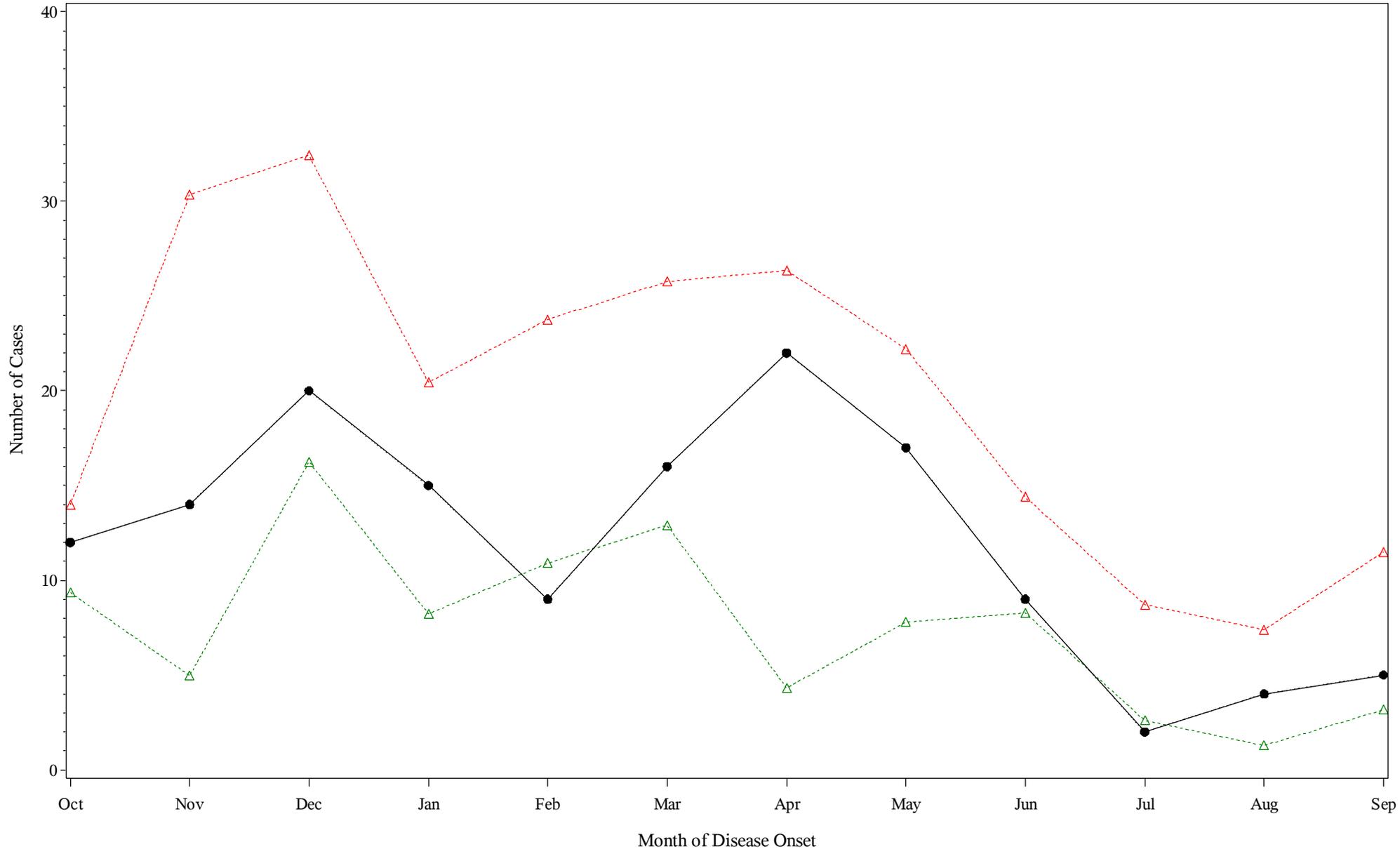


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## East Central      Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown

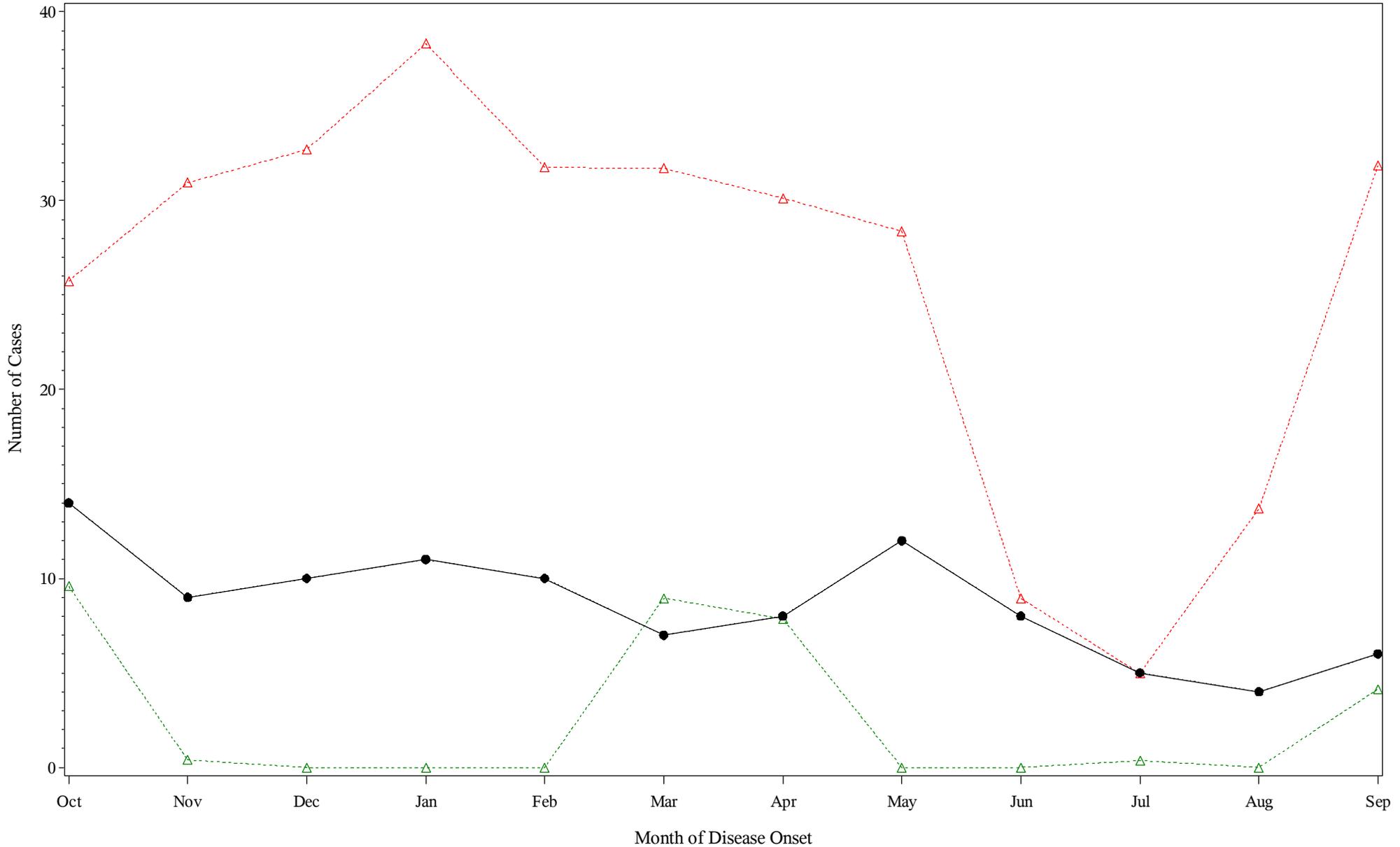


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

East Central      Varicella



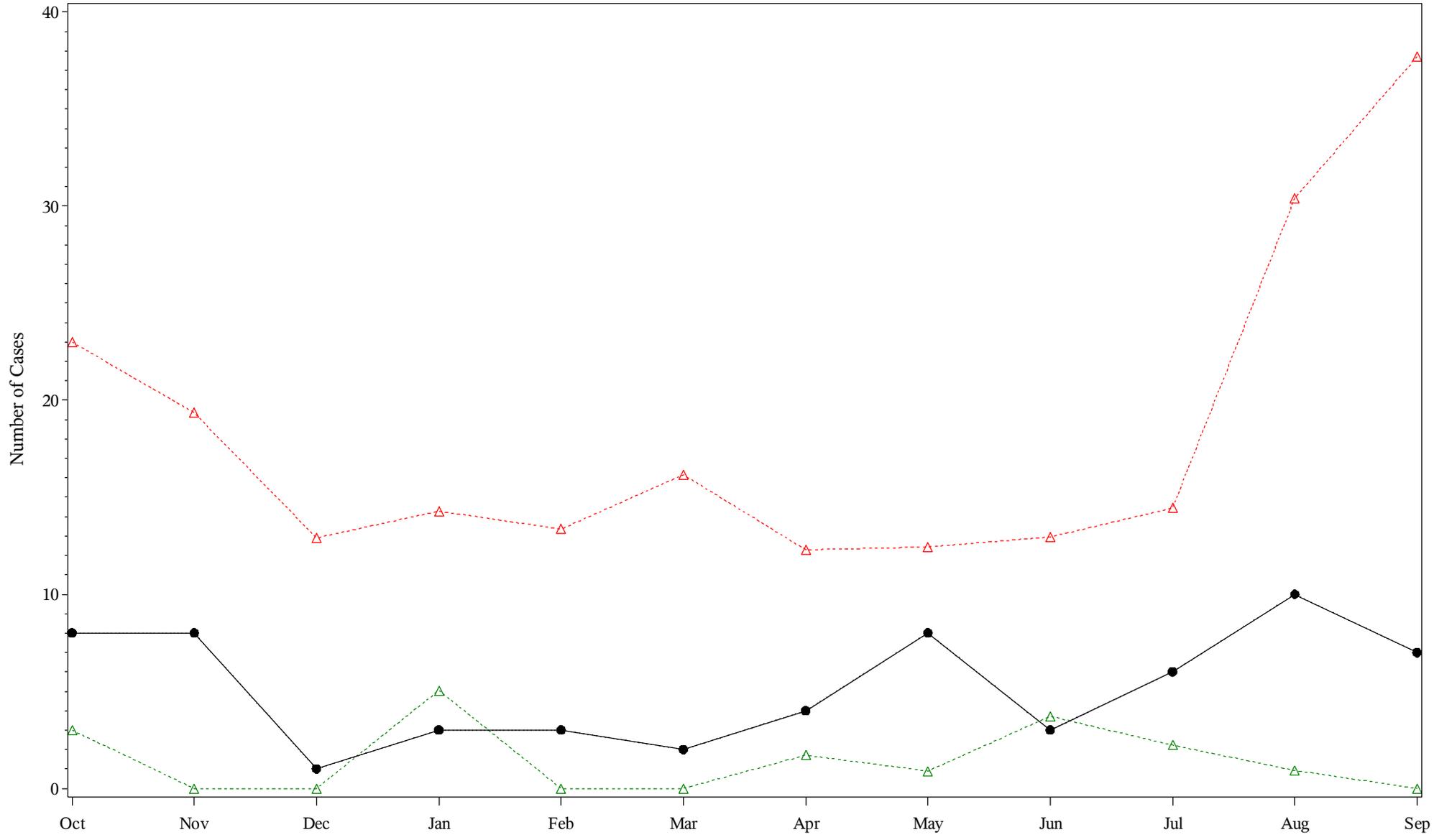
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● ● ● 2013-2014 with Outbreak Cases     
 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northeast      Aseptic Meningitis

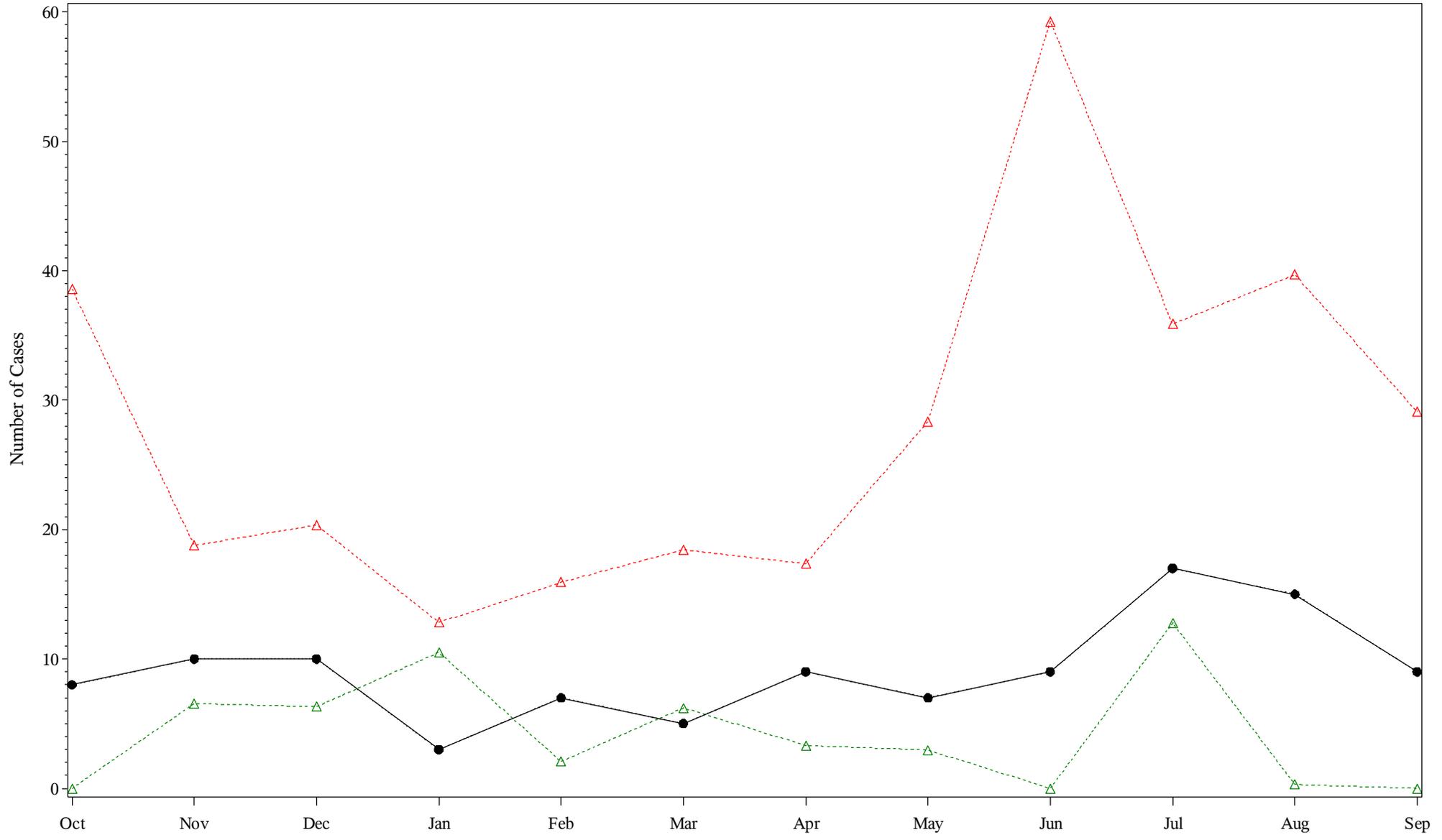


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northeast      Campylobacteriosis

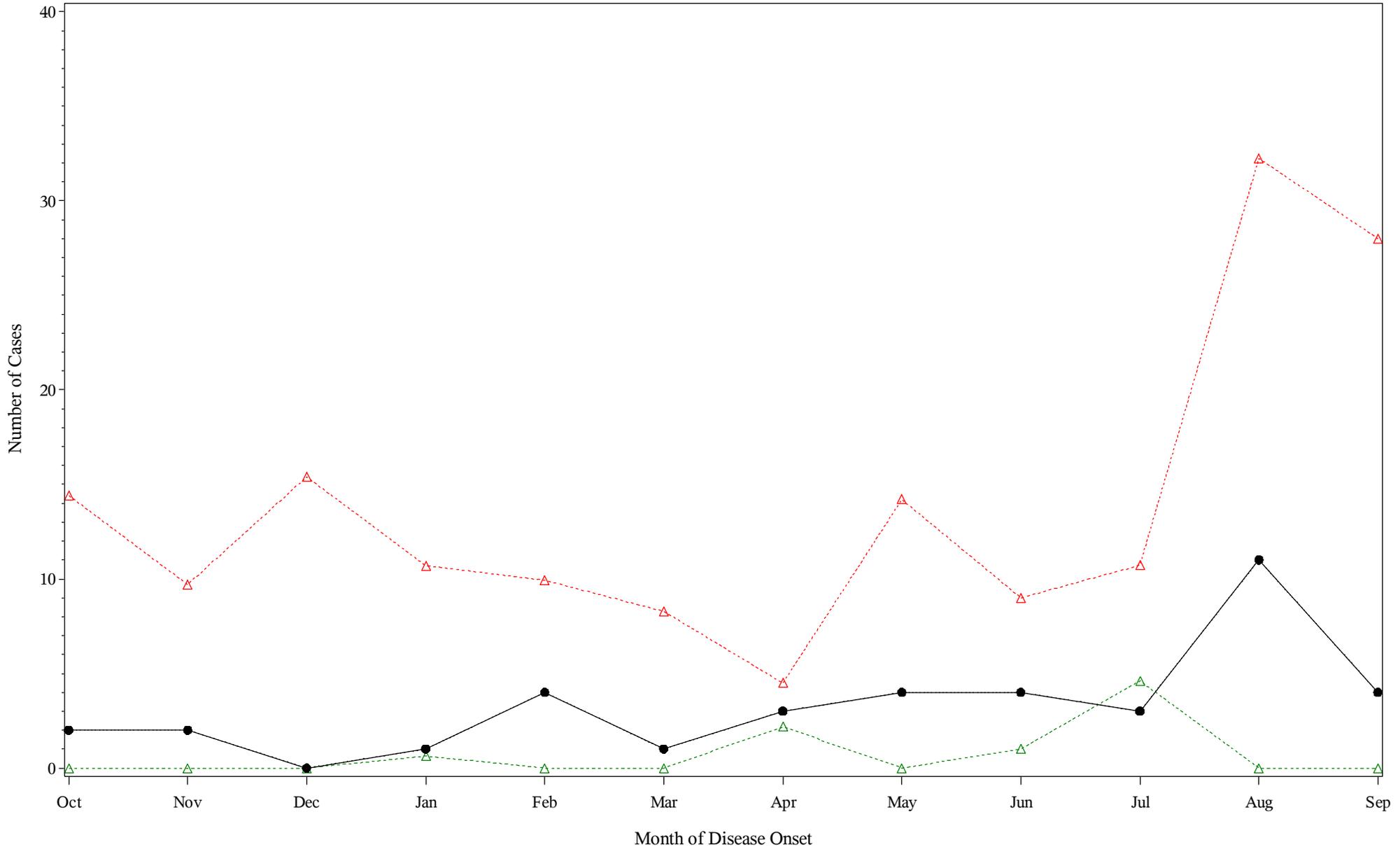


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northeast Cryptosporidiosis



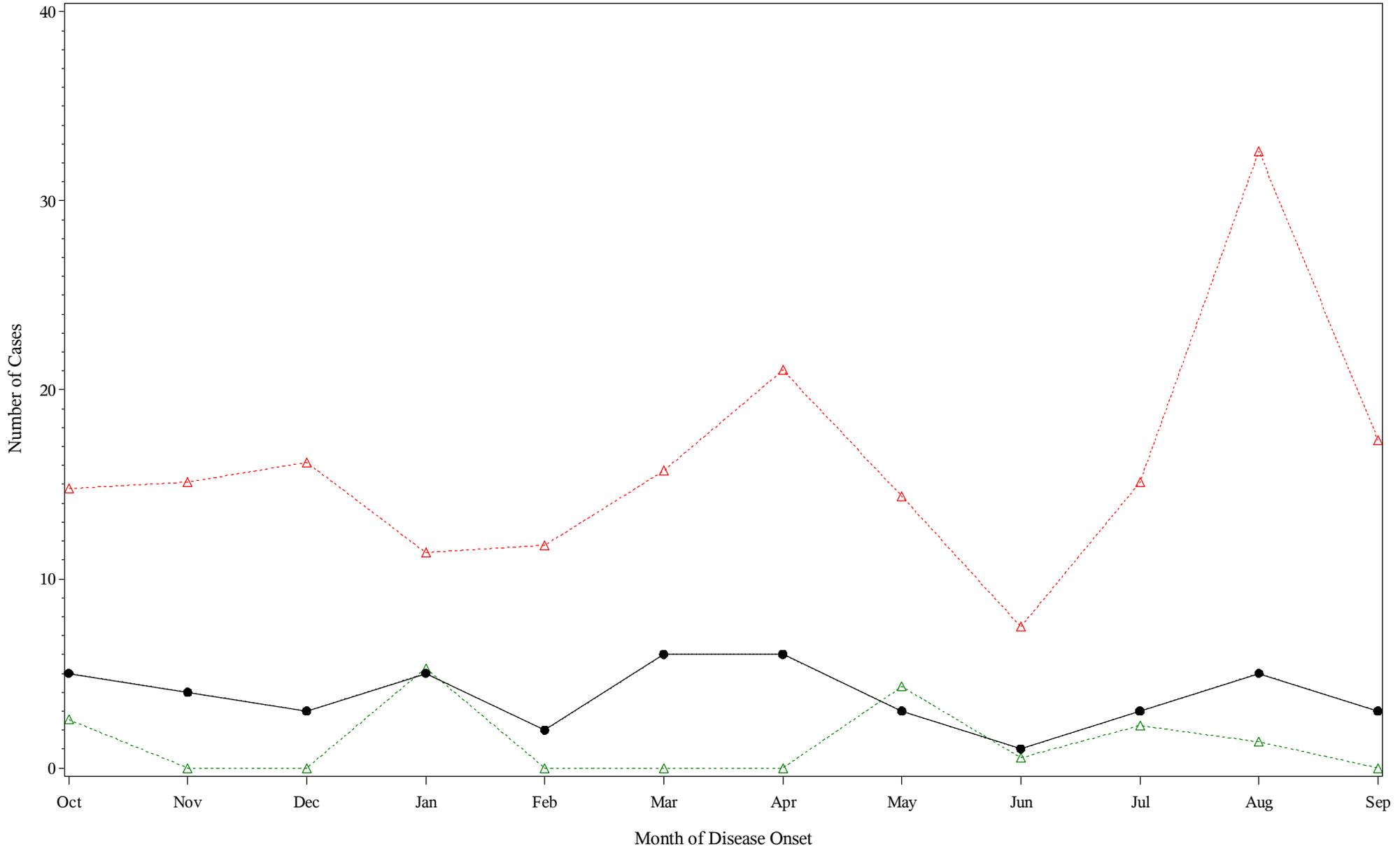
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northeast      Giardiasis



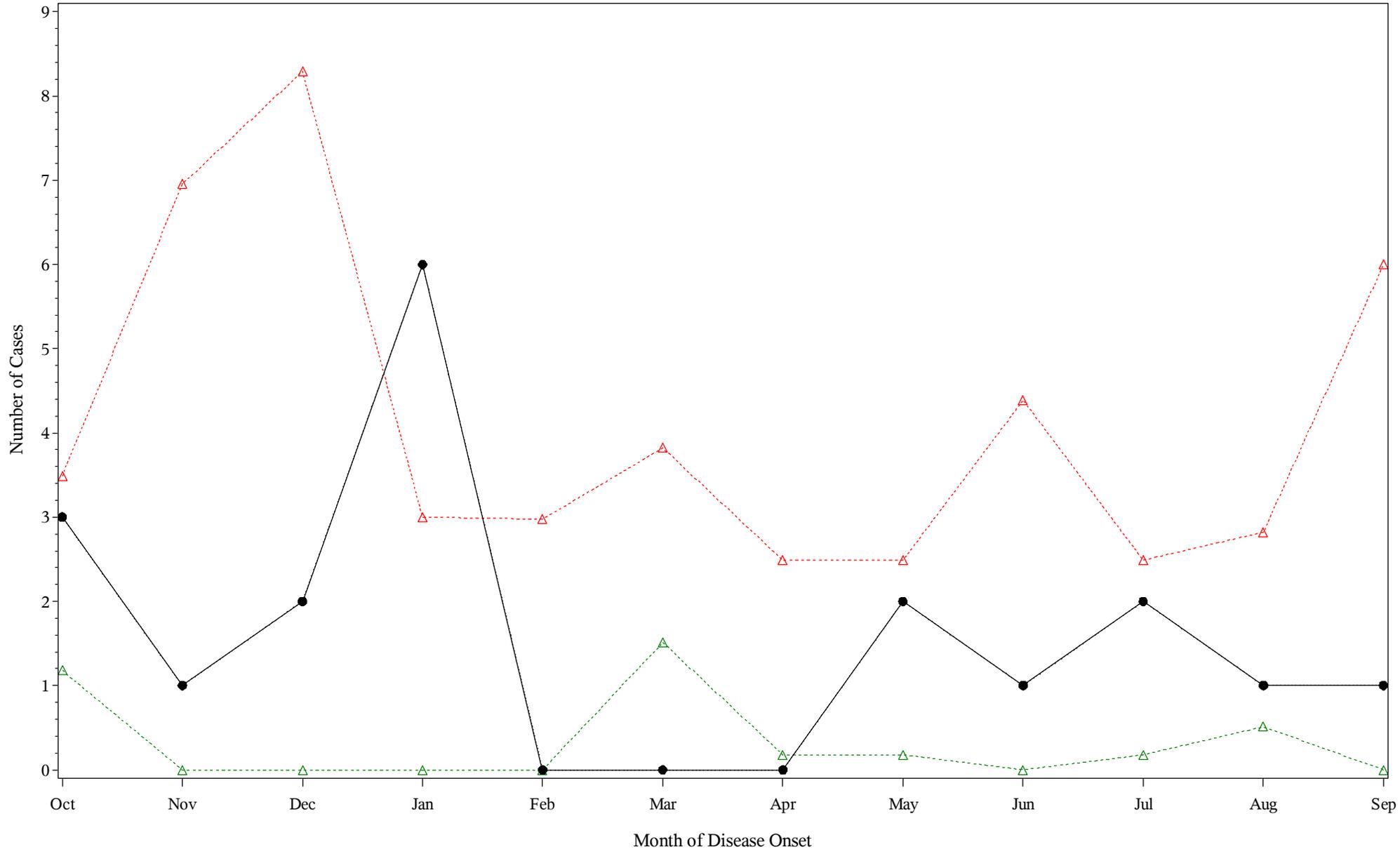
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● ● ● 2013-2014 with Outbreak Cases     
 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northeast Haemophilus influenzae, Invasive

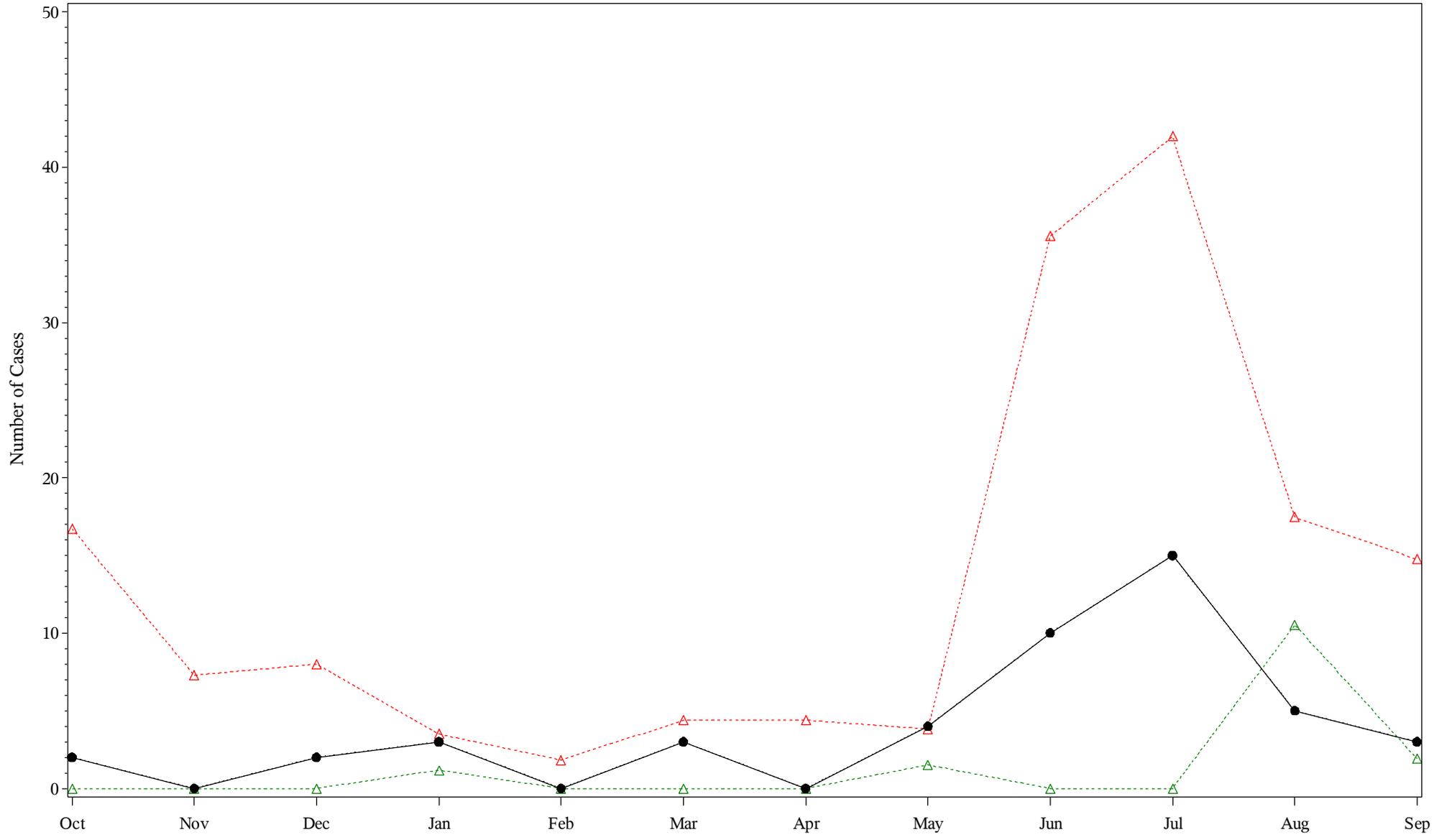


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northeast Legionellosis

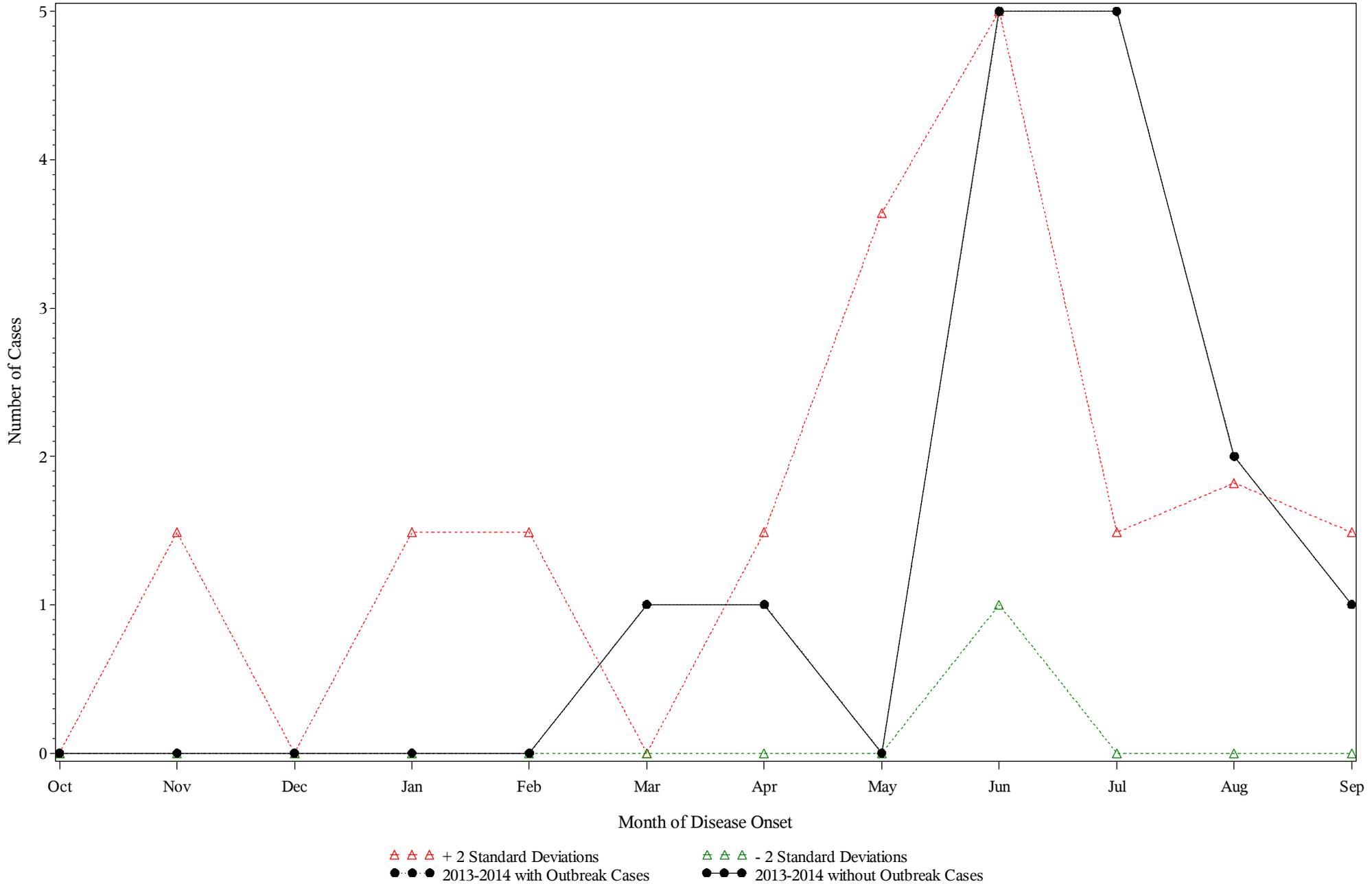


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northeast Lyme Disease

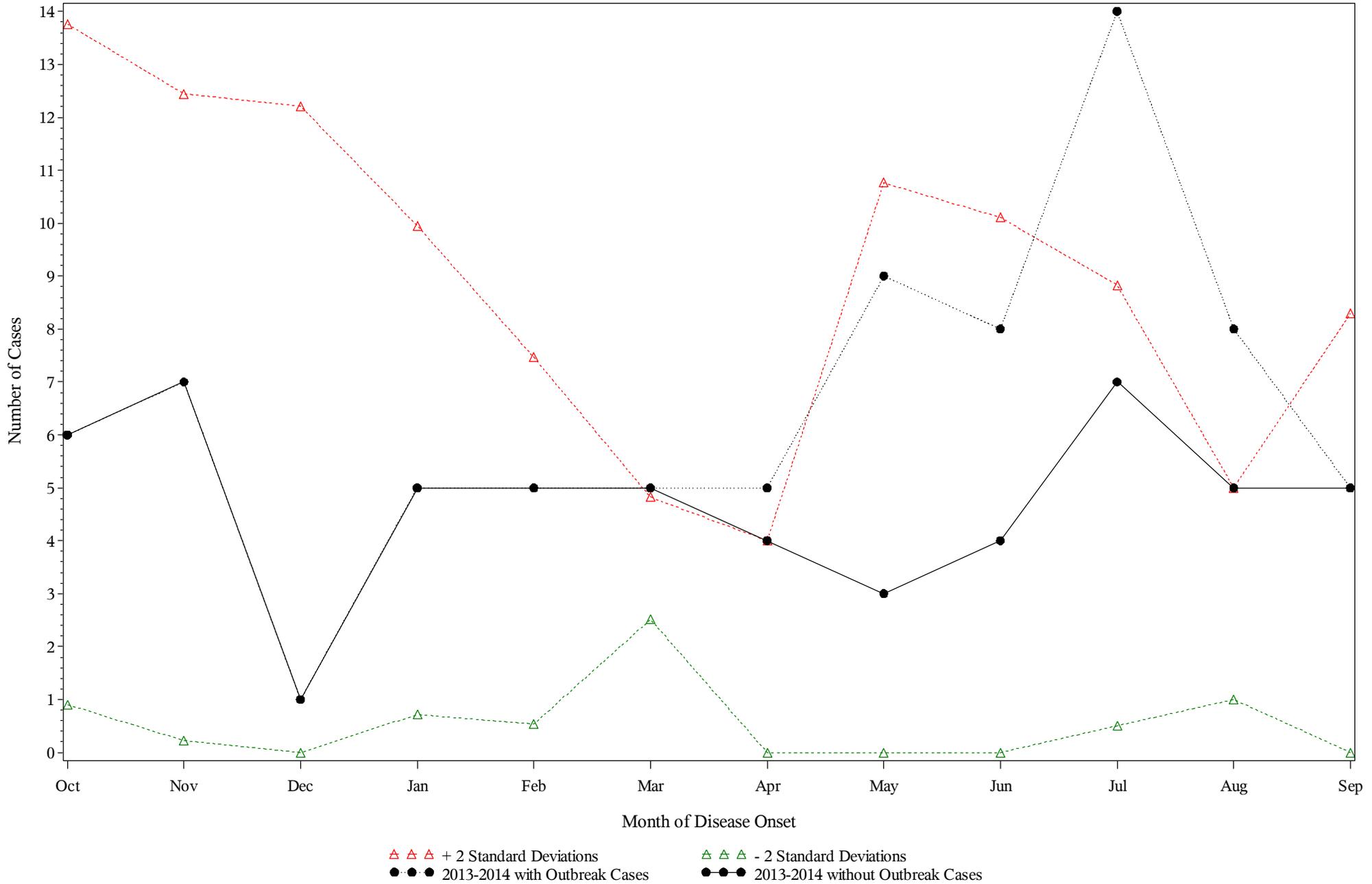


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northeast      Pertussis

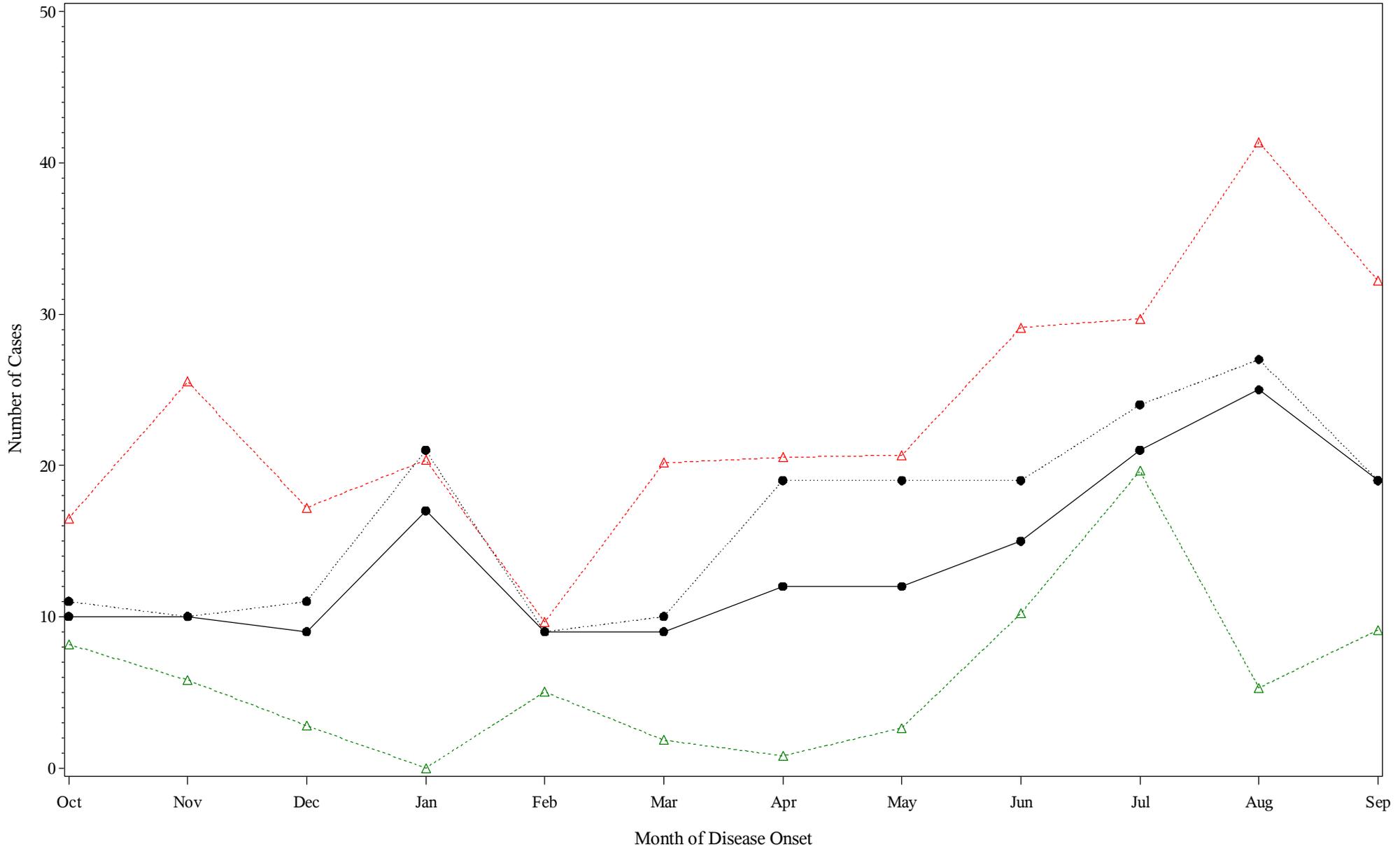


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northeast Salmonellosis



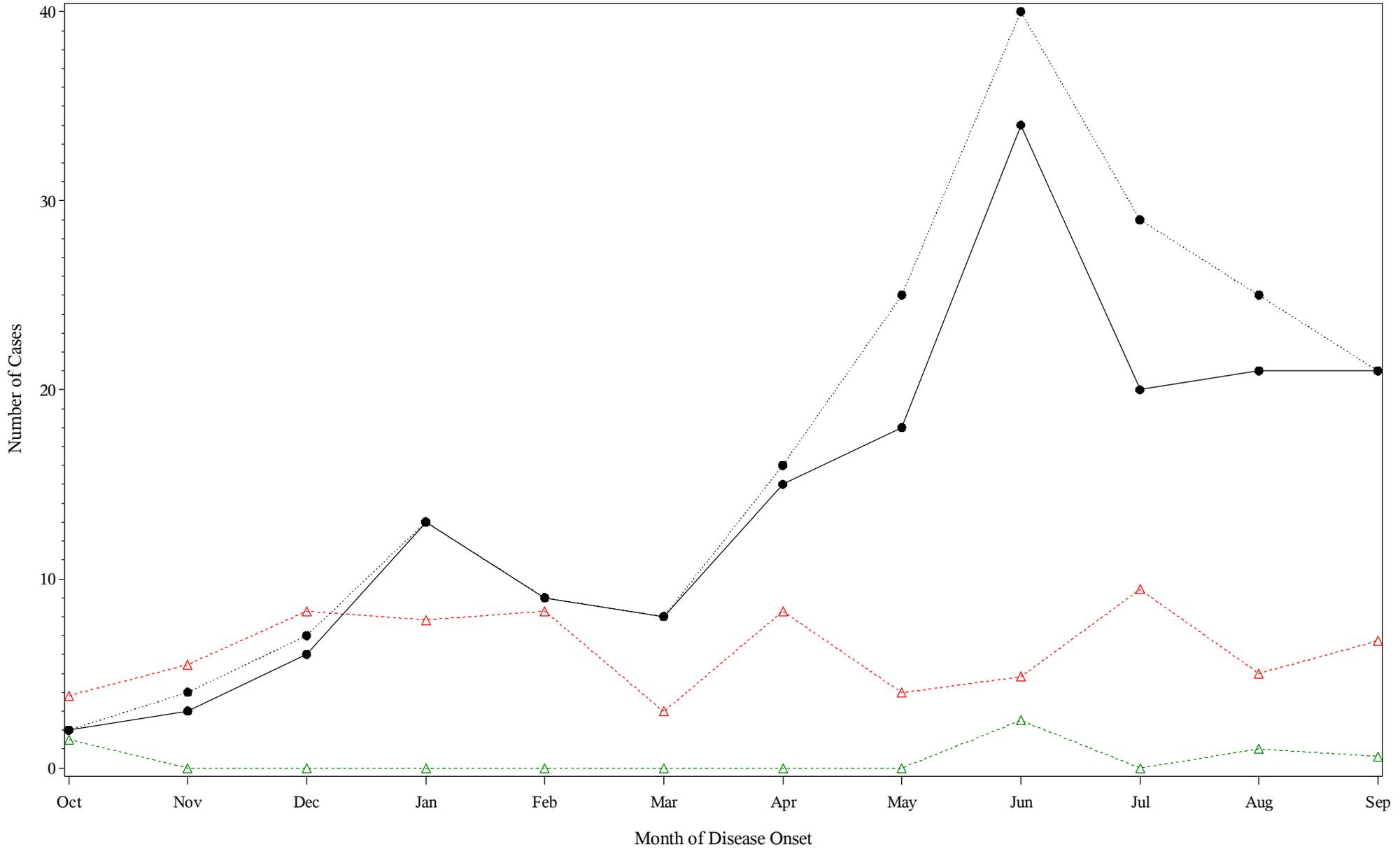
△ △ △ + 2 Standard Deviations     
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● ● ● 2013-2014 with Outbreak Cases     
 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northeast Shigellosis



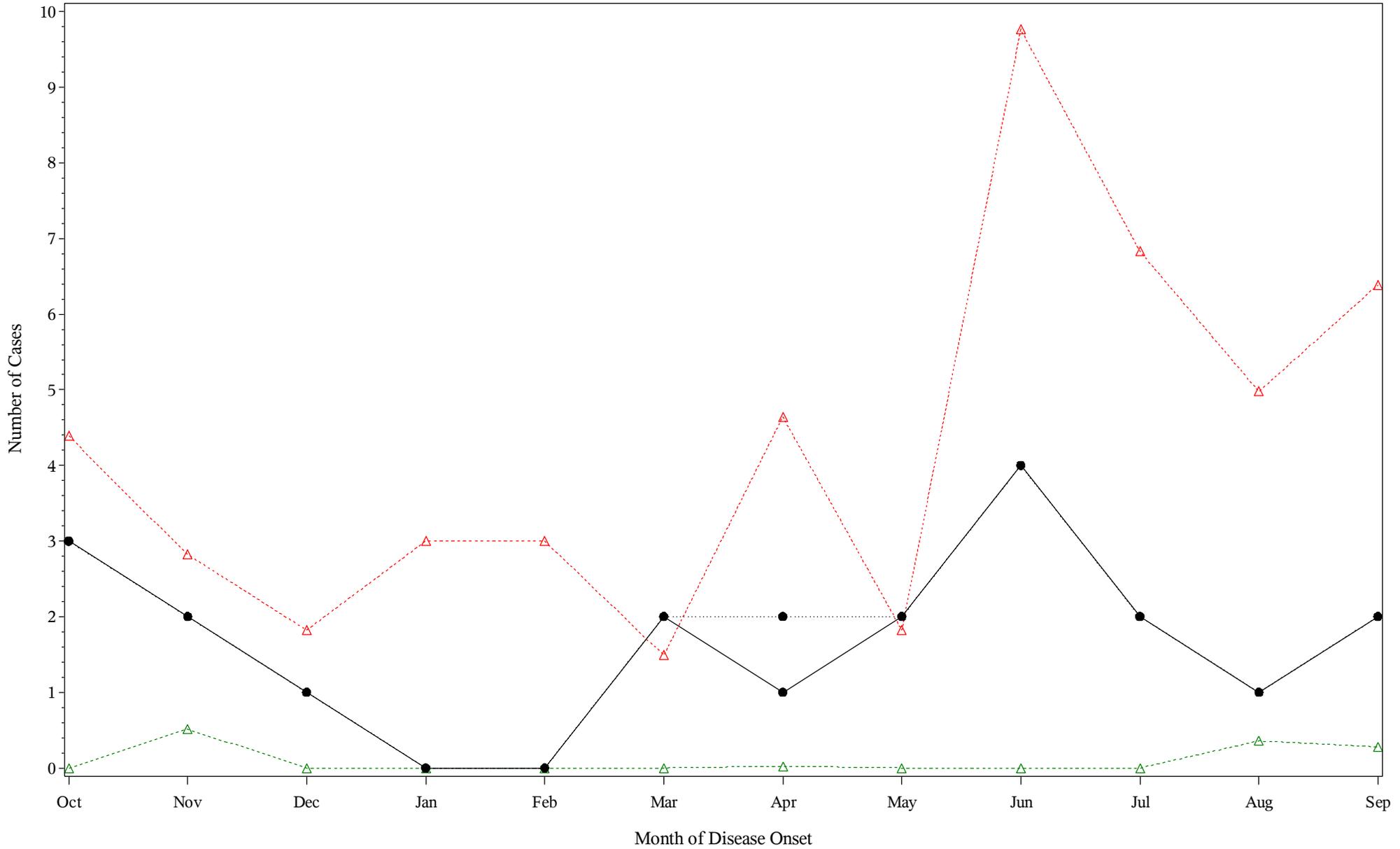
△ △ △ + 2 Standard Deviations     
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● ● ● 2013-2014 with Outbreak Cases     
 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northeast Shiga Toxin-Producing Escherichia coli



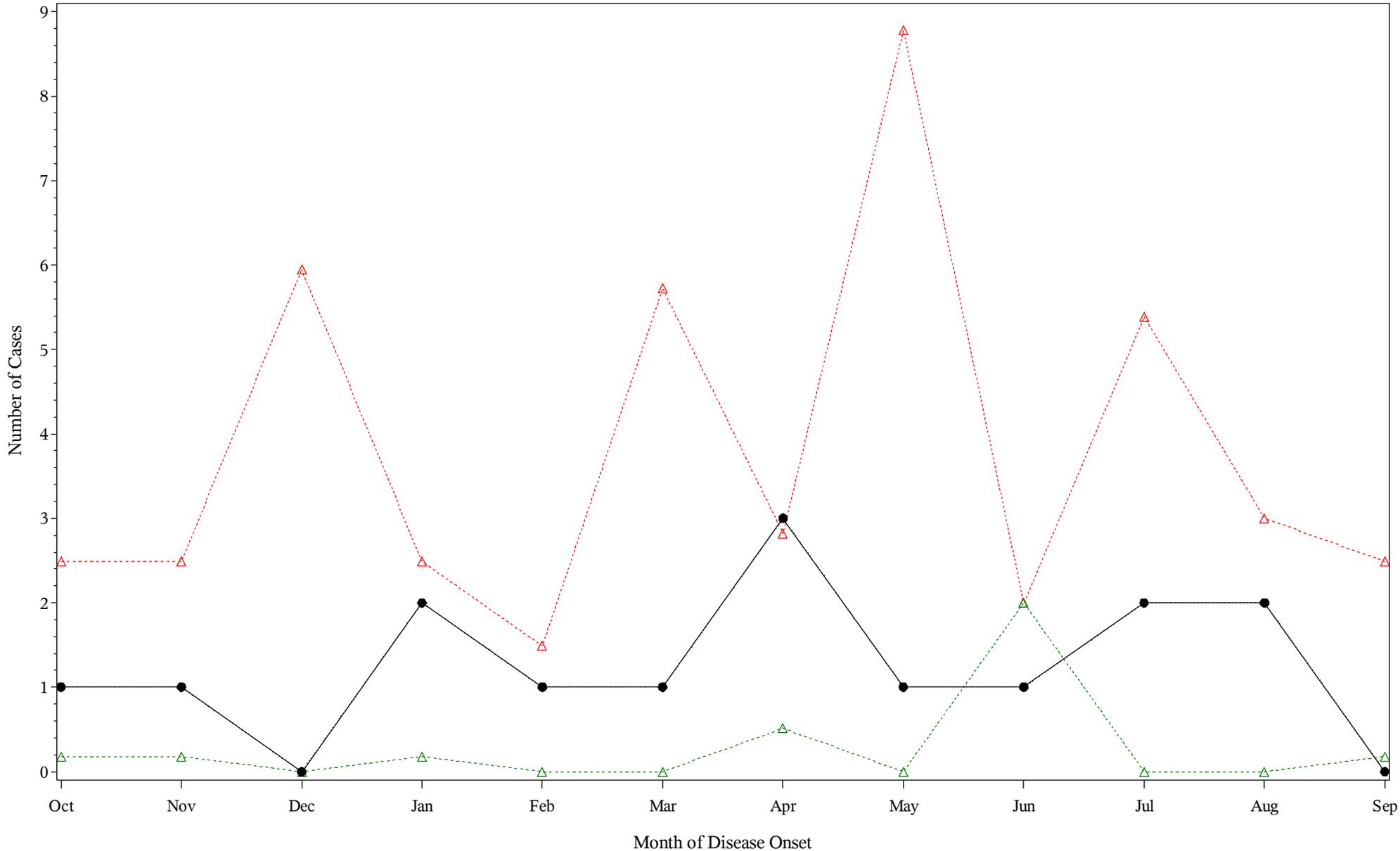
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● ● ● 2013-2014 with Outbreak Cases     
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northeast      Streptococcal Disease, Group B, in Newborn

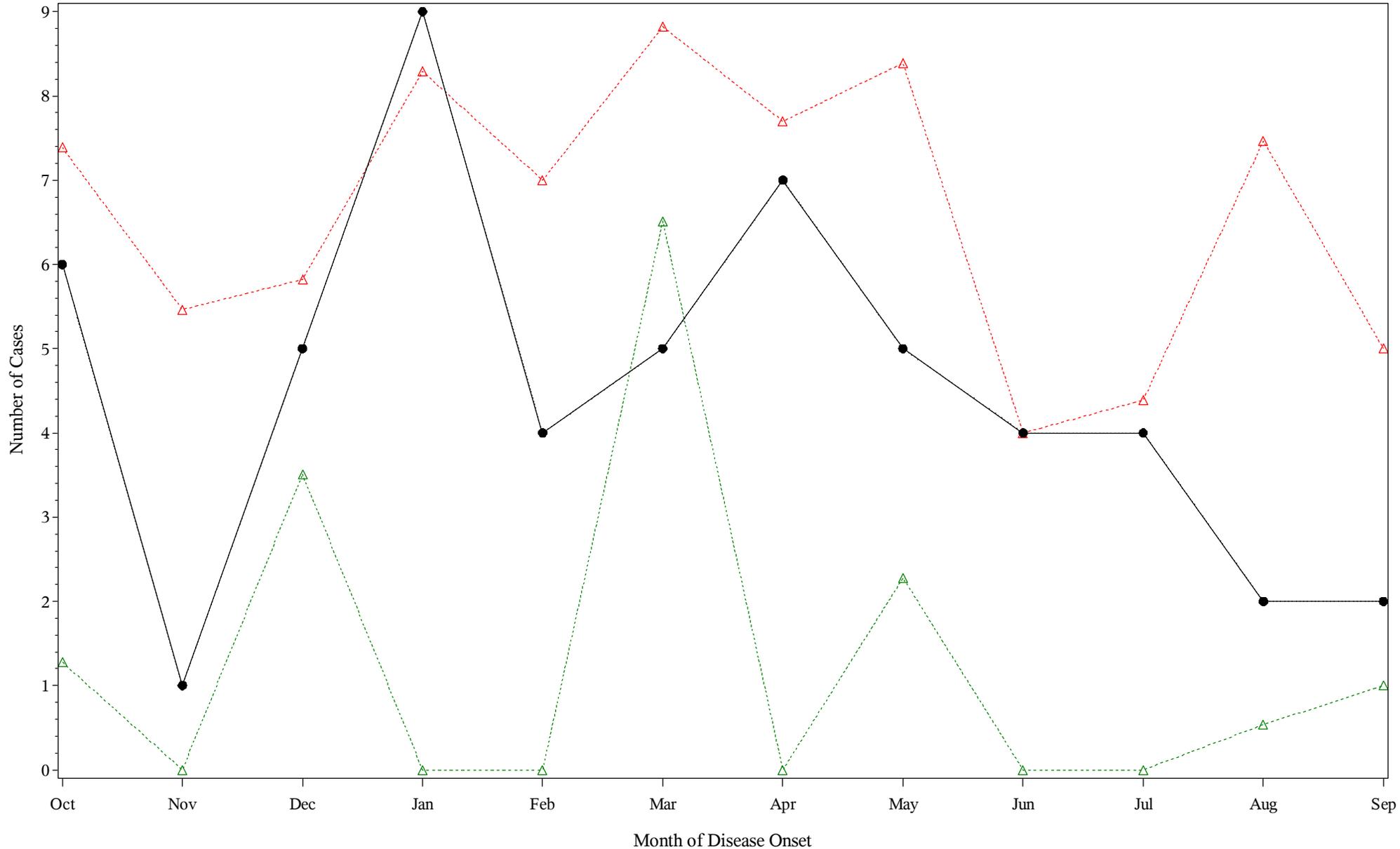


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northeast Streptococcal Disease, Group A, Invasive

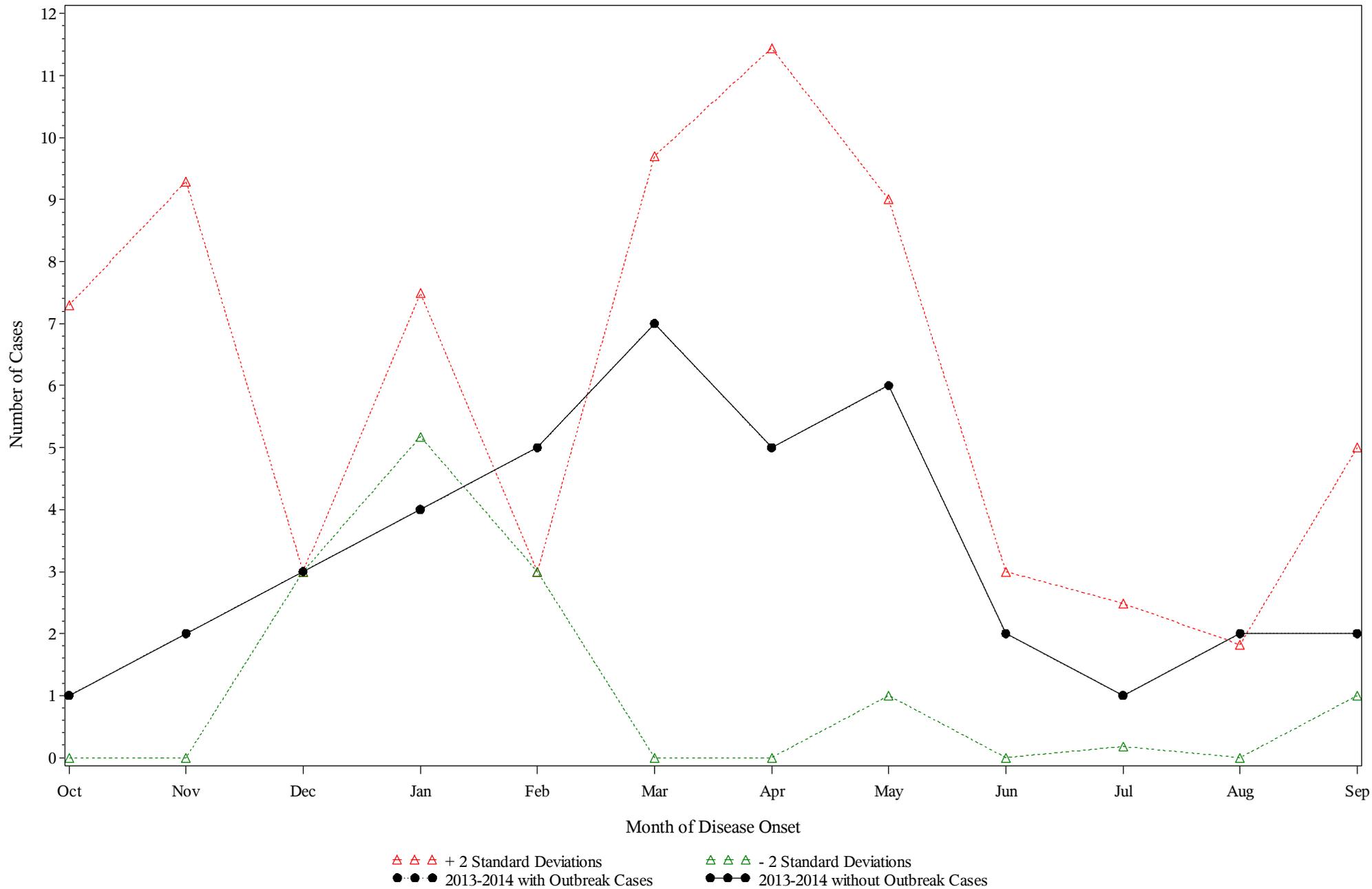


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● ● ● 2013-2014 with Outbreak Cases     
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northeast Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate



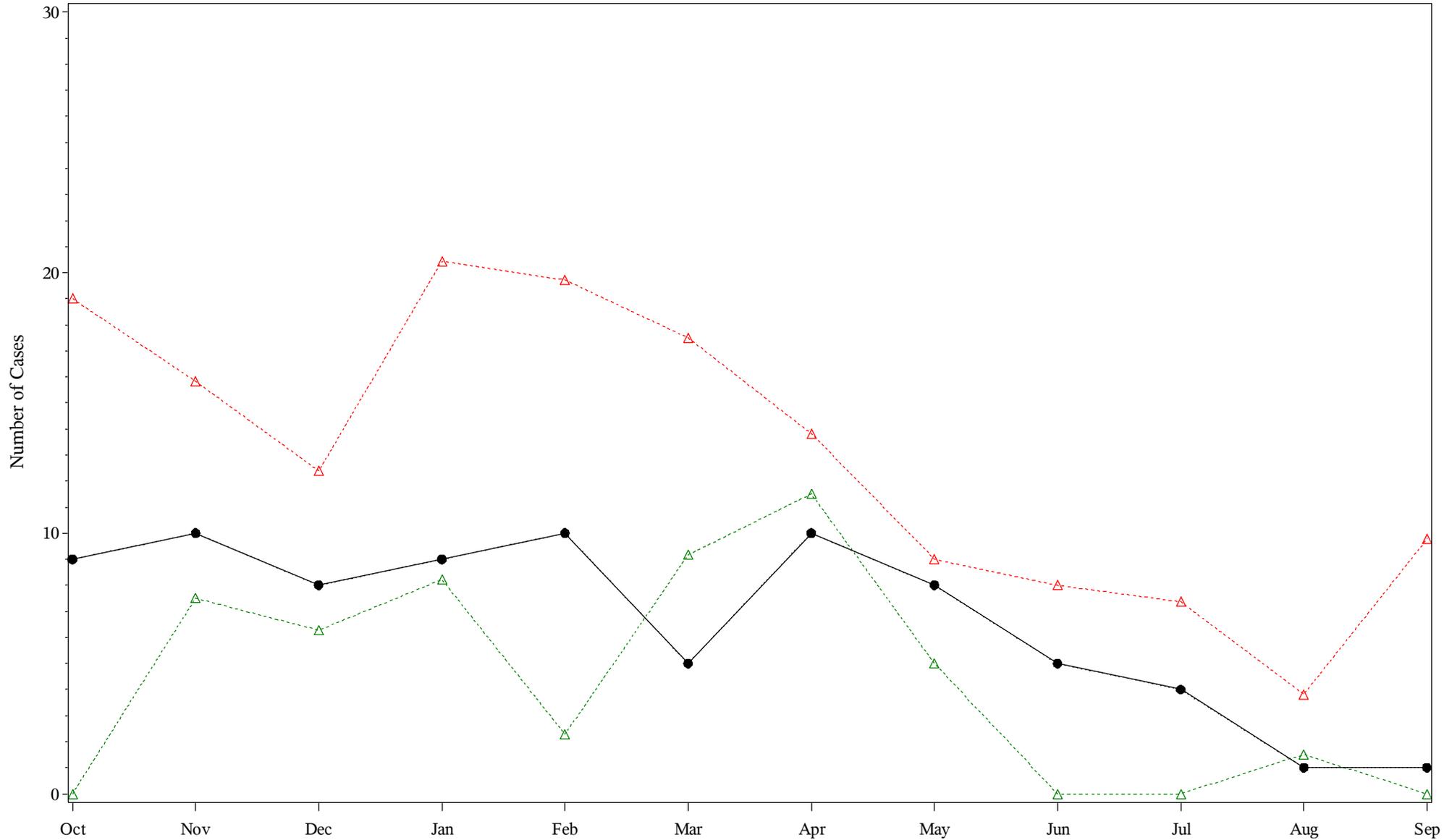
Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013

Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northeast      Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown

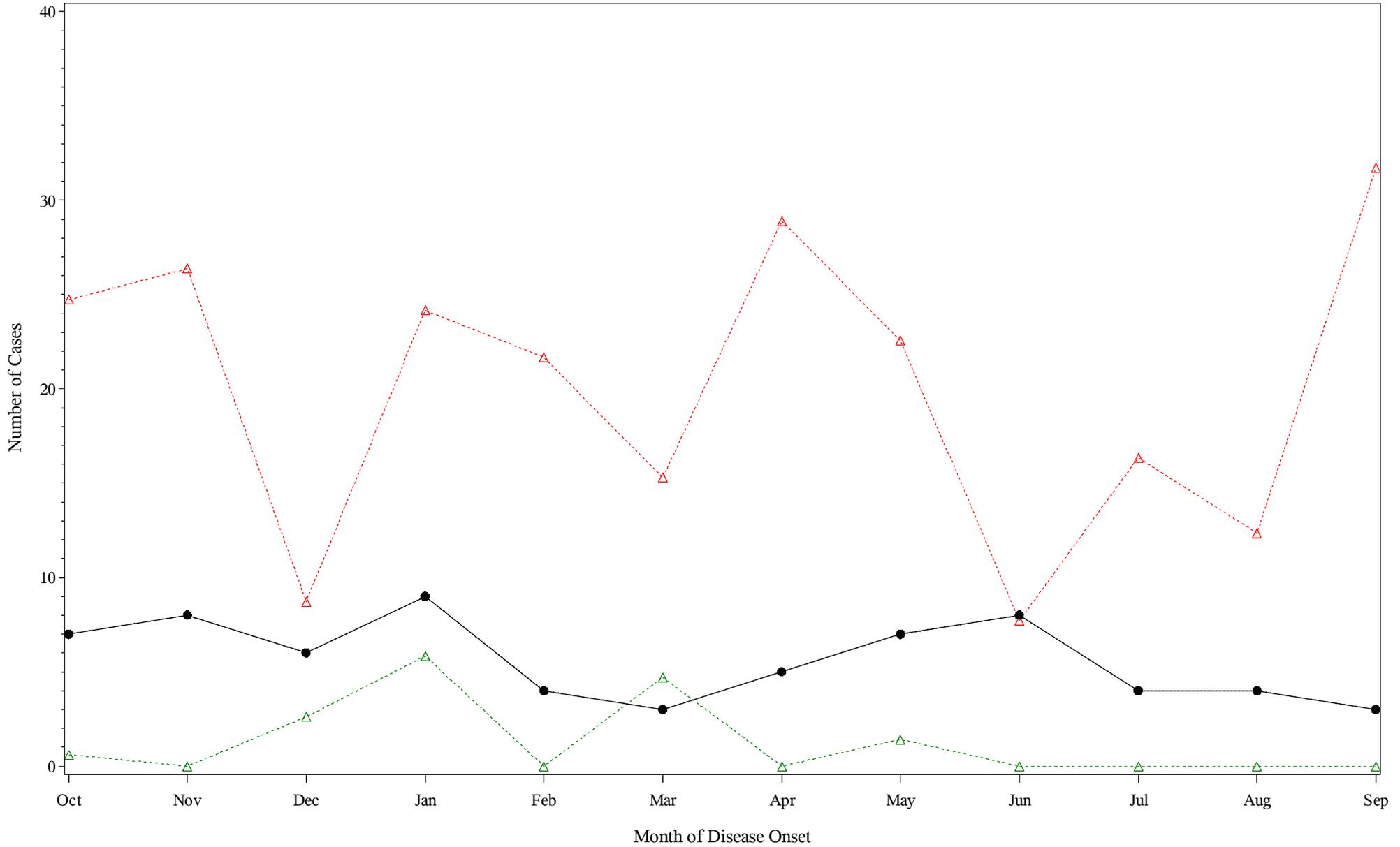


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northeast Varicella



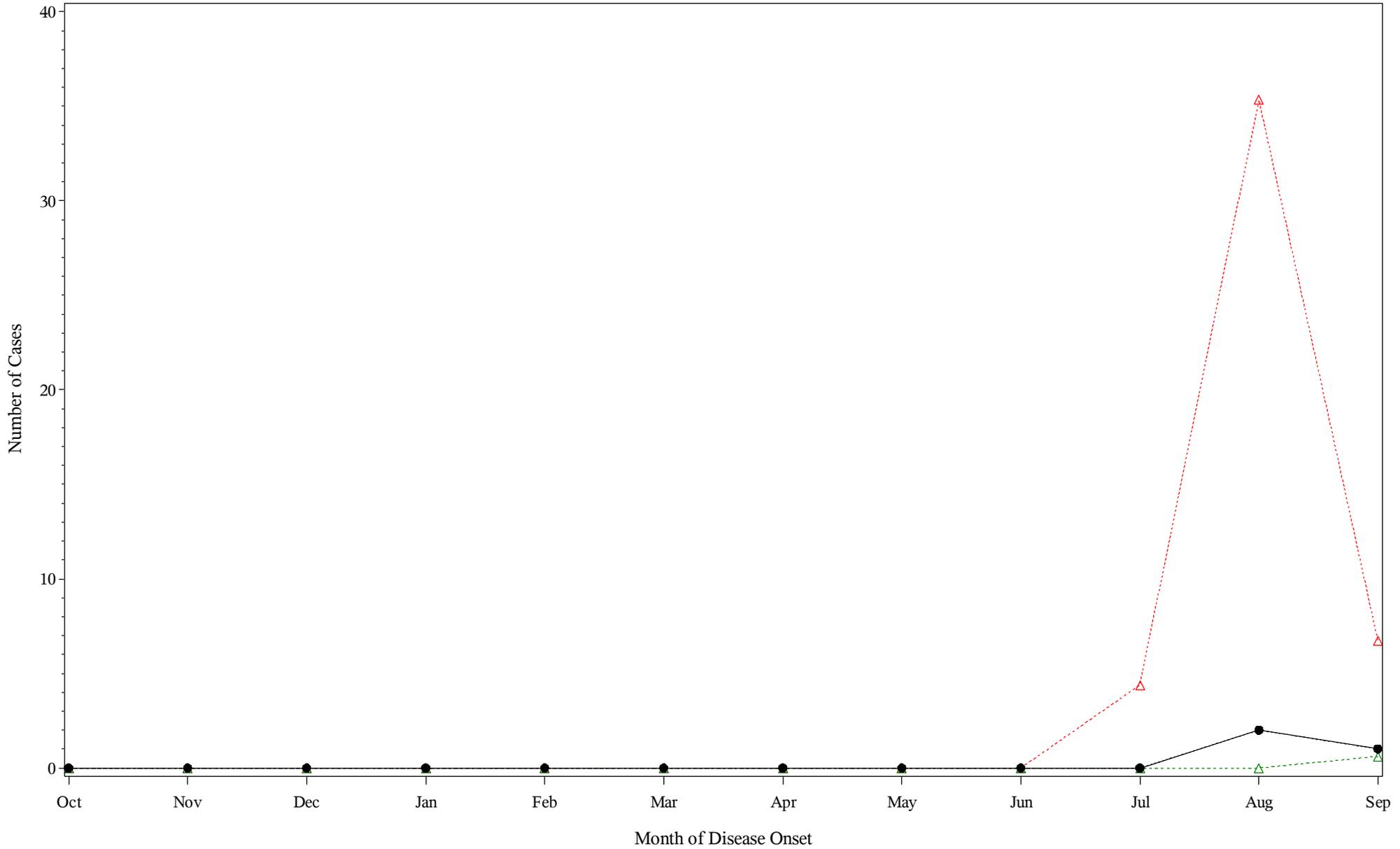
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● ● ● 2013-2014 with Outbreak Cases     
 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northeast West Nile Virus Disease



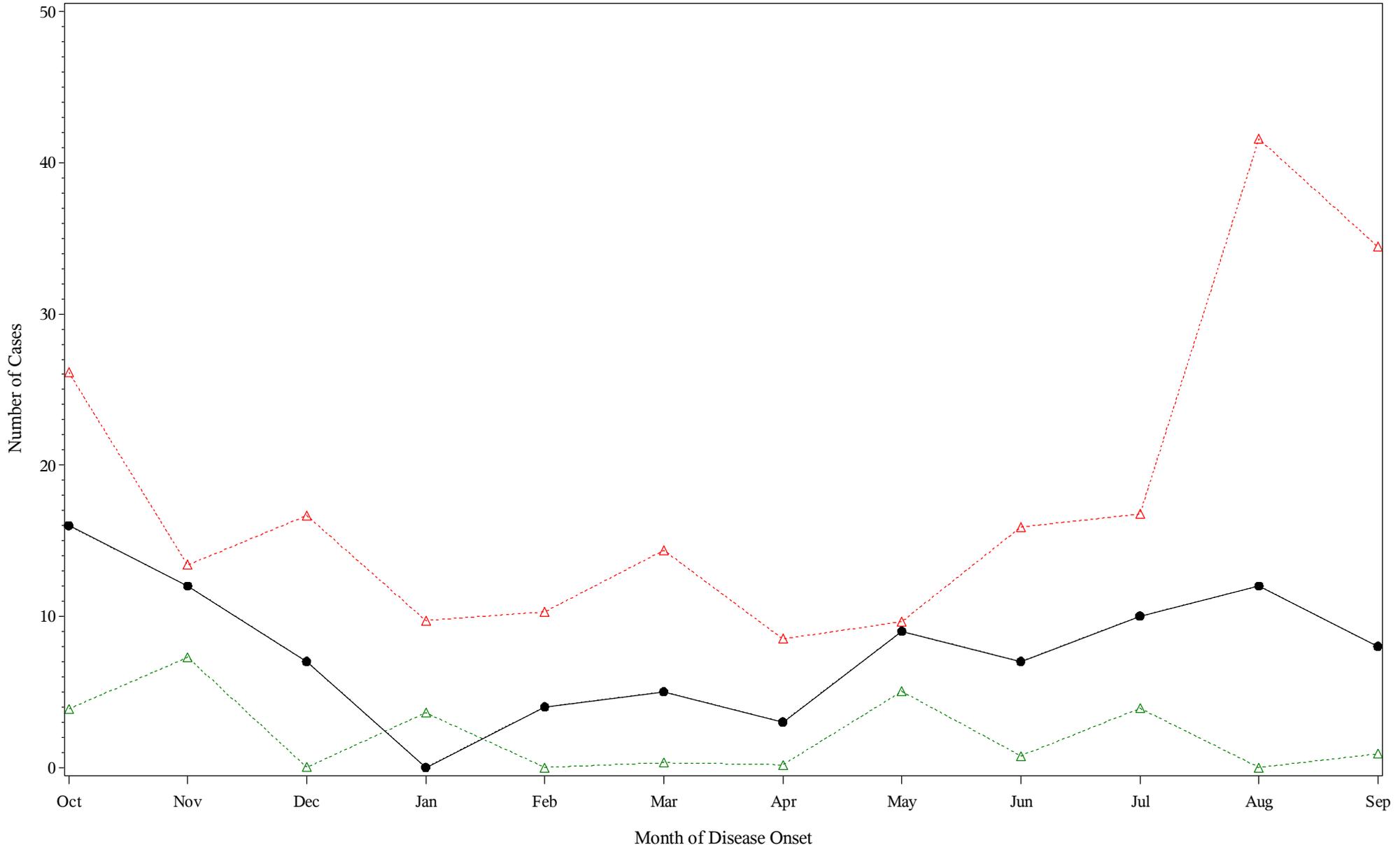
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● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northwest      Aseptic Meningitis



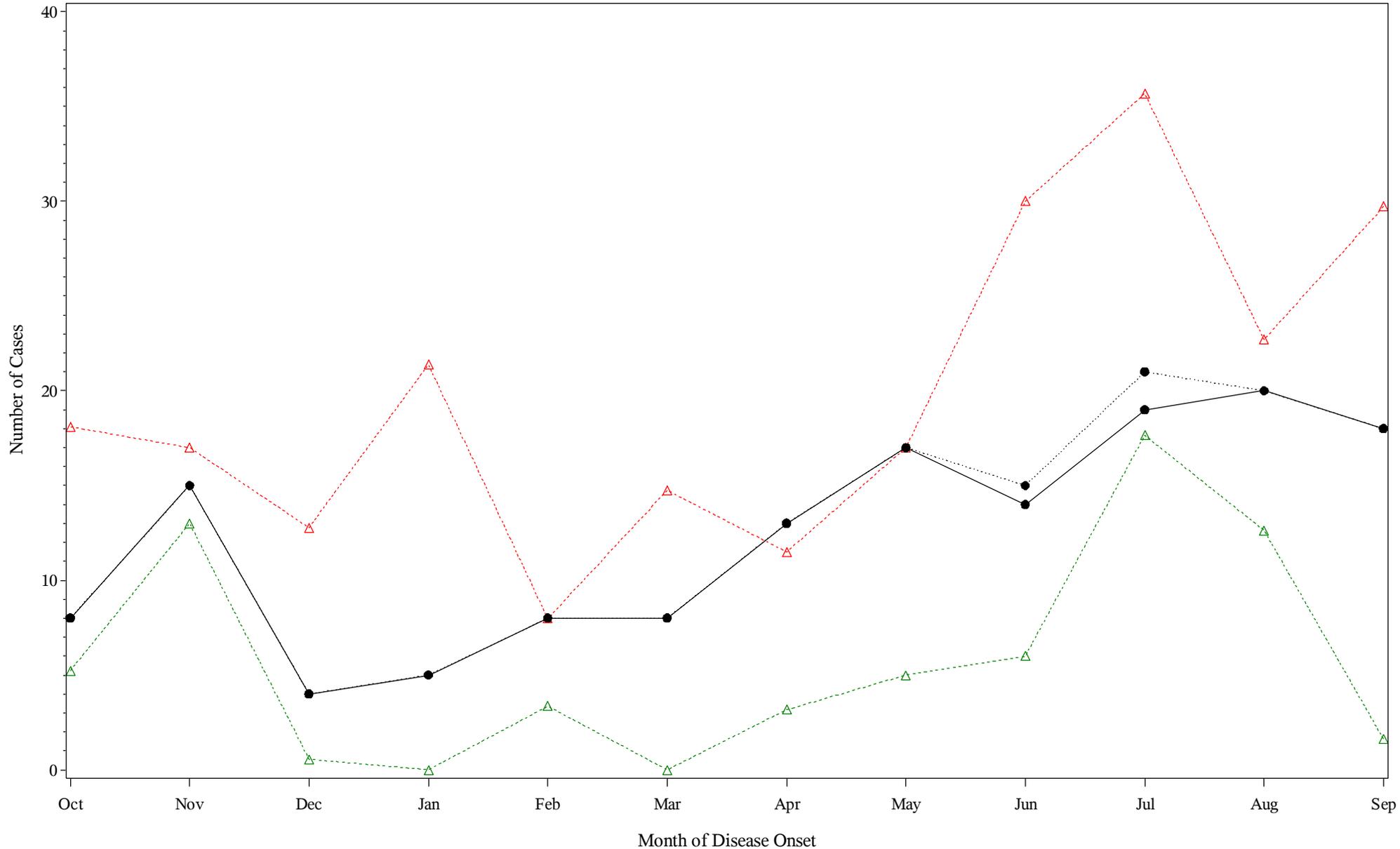
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northwest      Campylobacteriosis

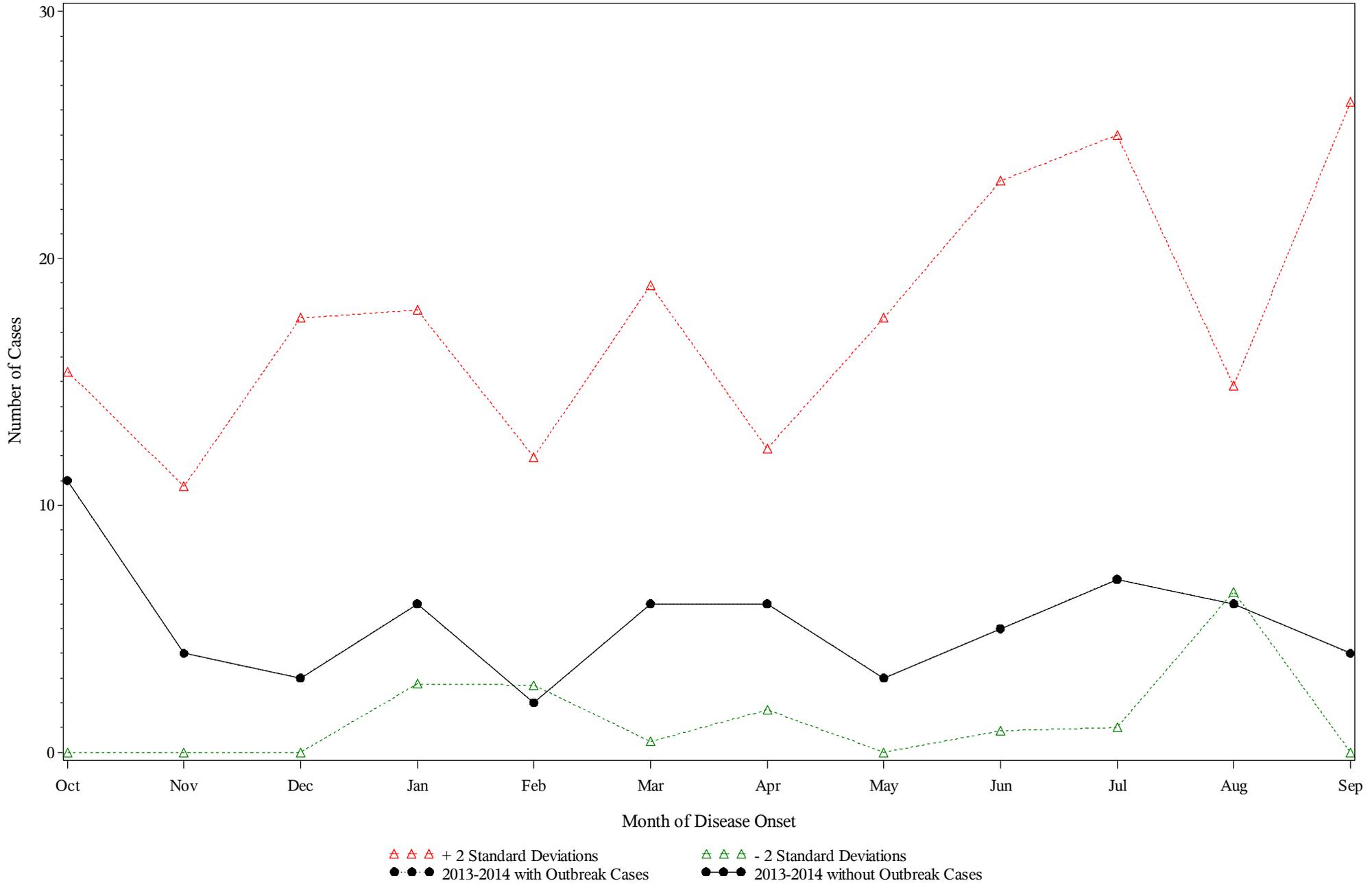


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northwest Cryptosporidiosis



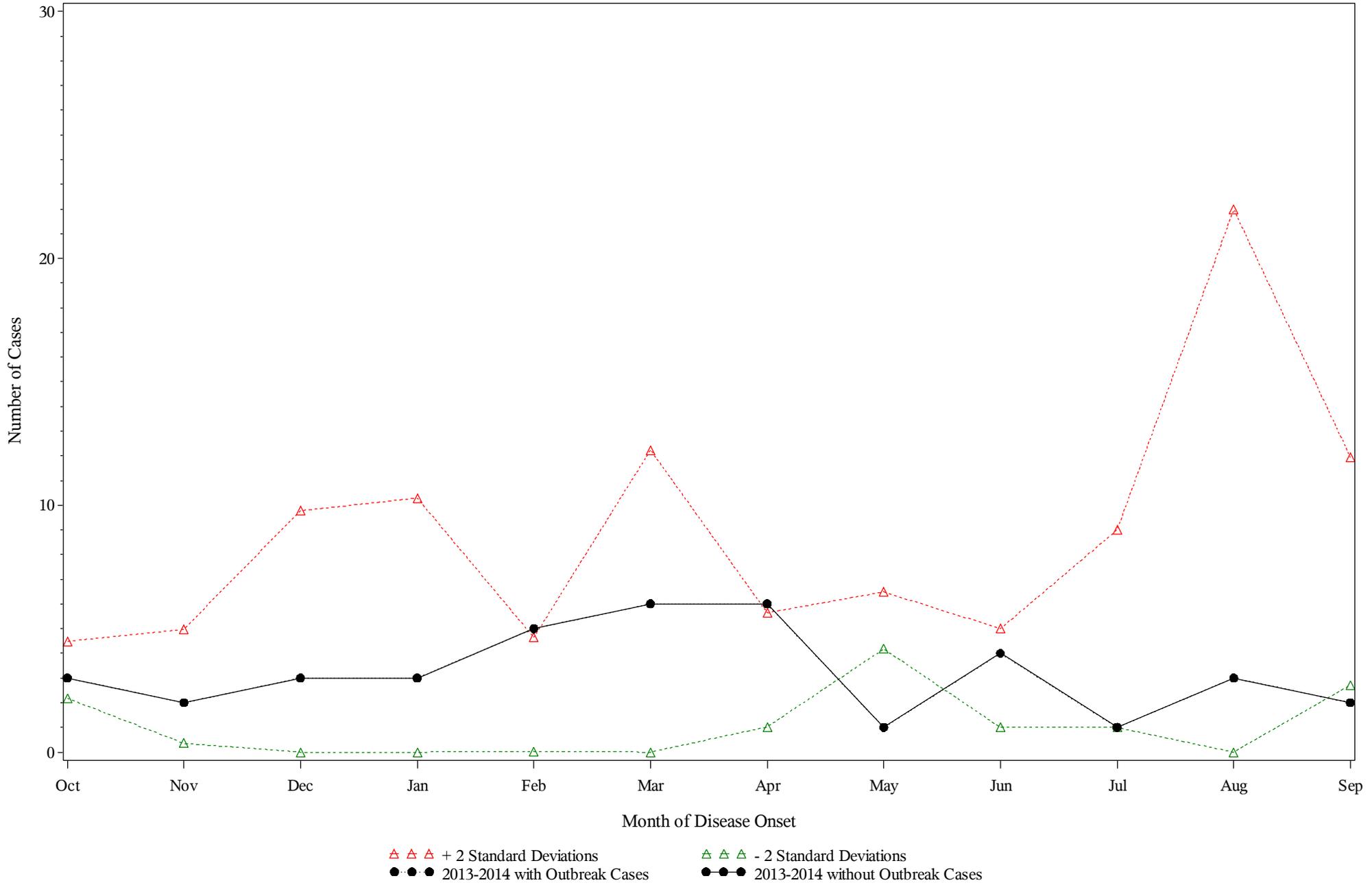
Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013

Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northwest      Giardiasis



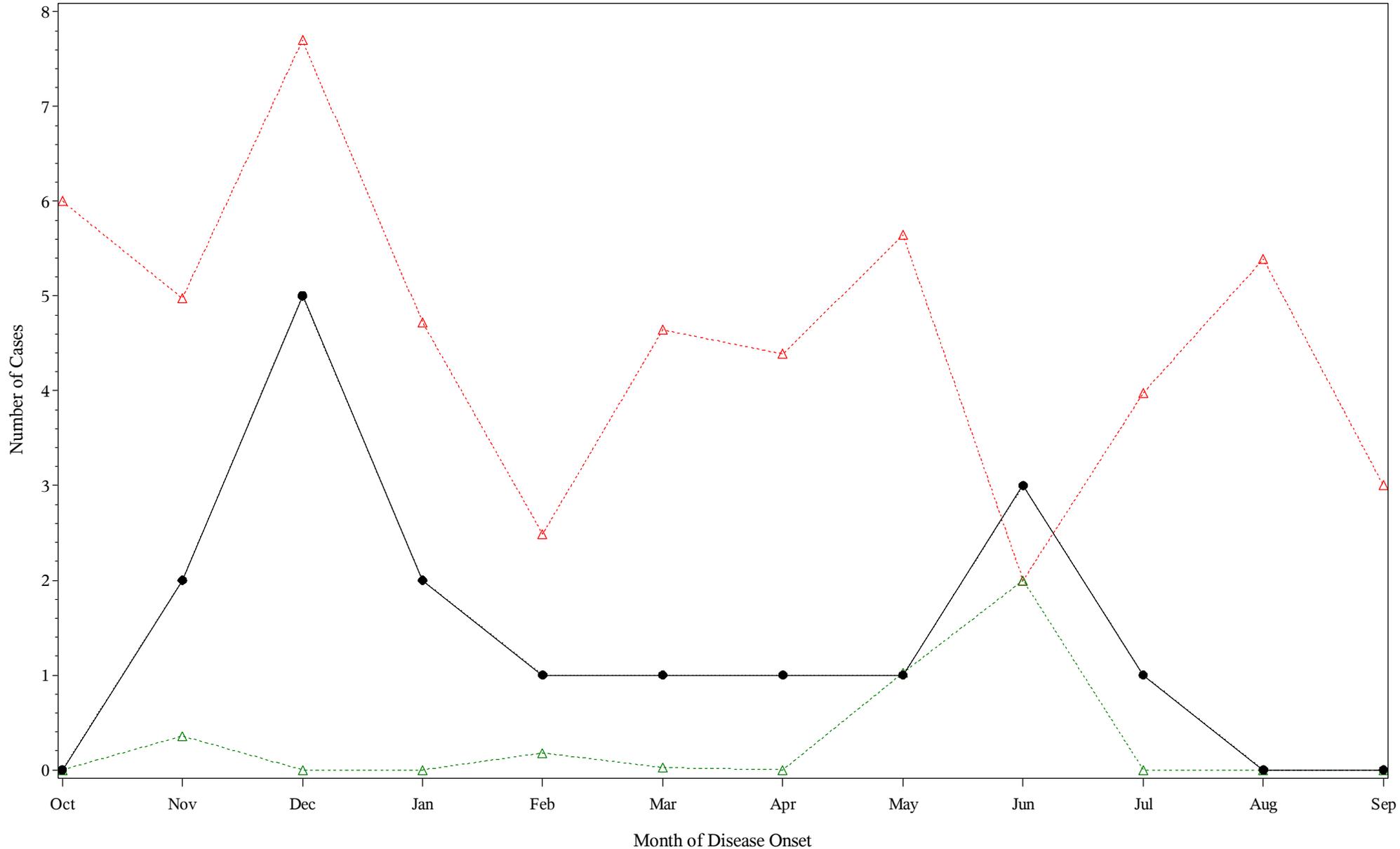
Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013

Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northwest *Haemophilus influenzae*, Invasive

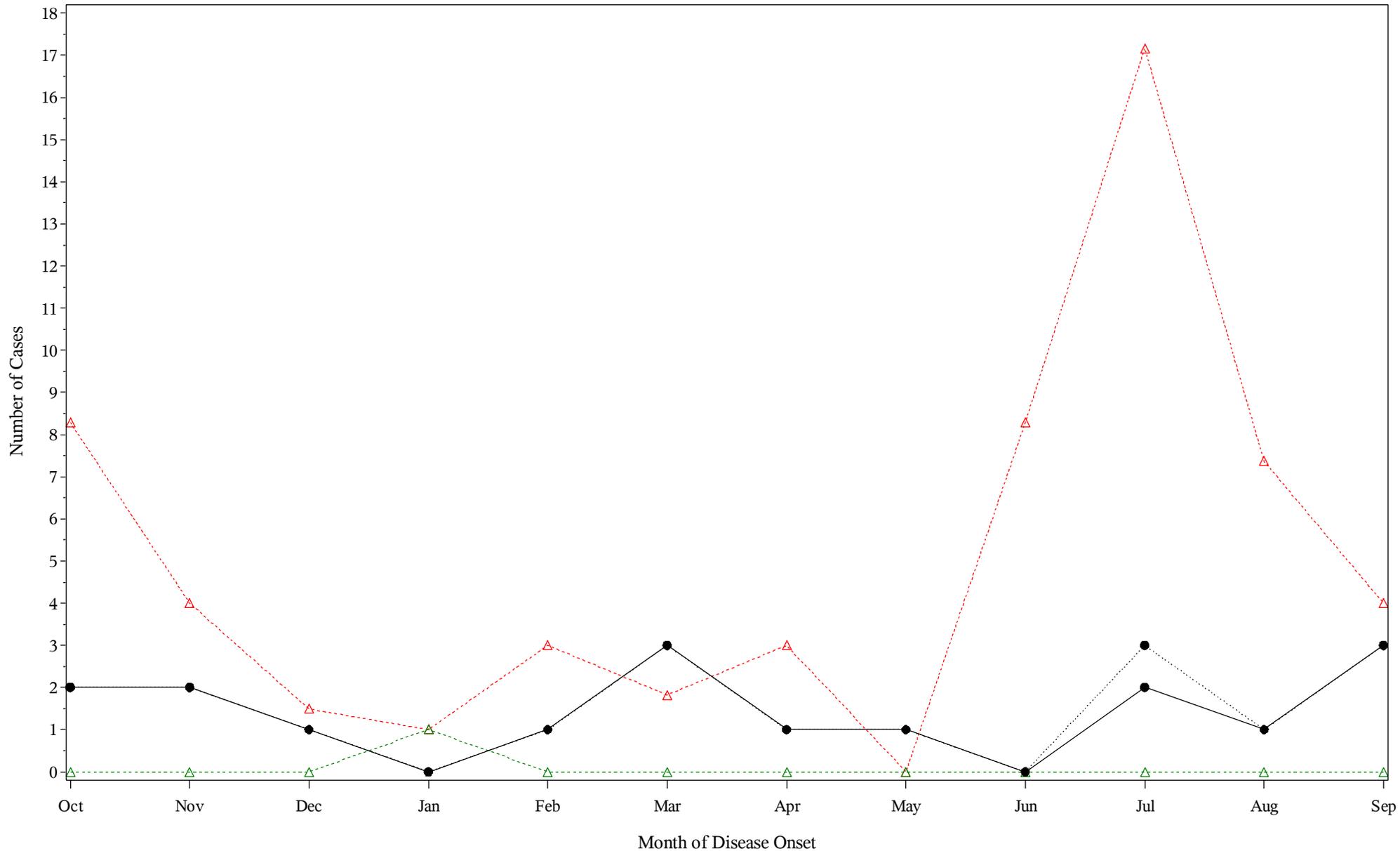


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northwest Legionellosis



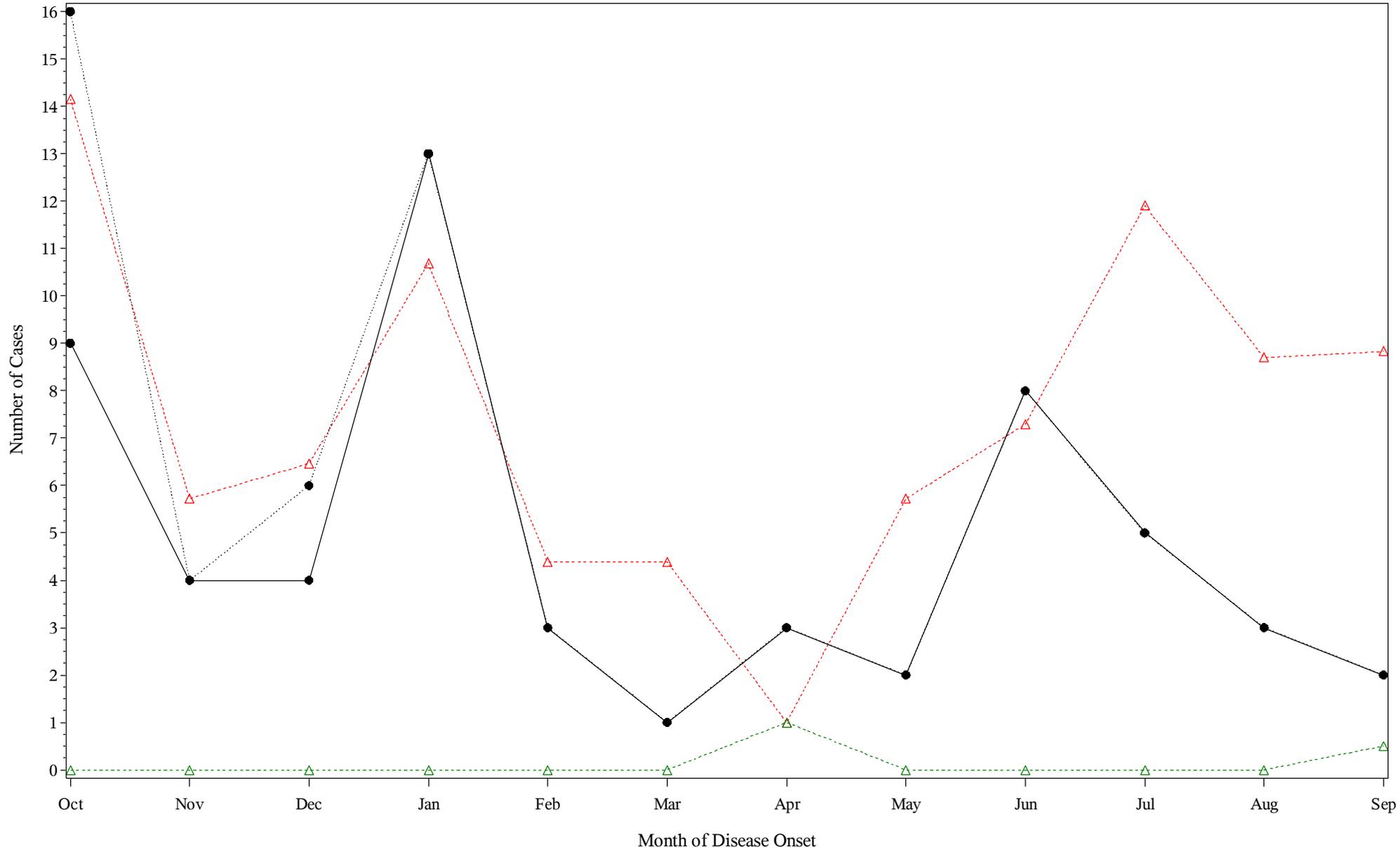
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northwest Pertussis

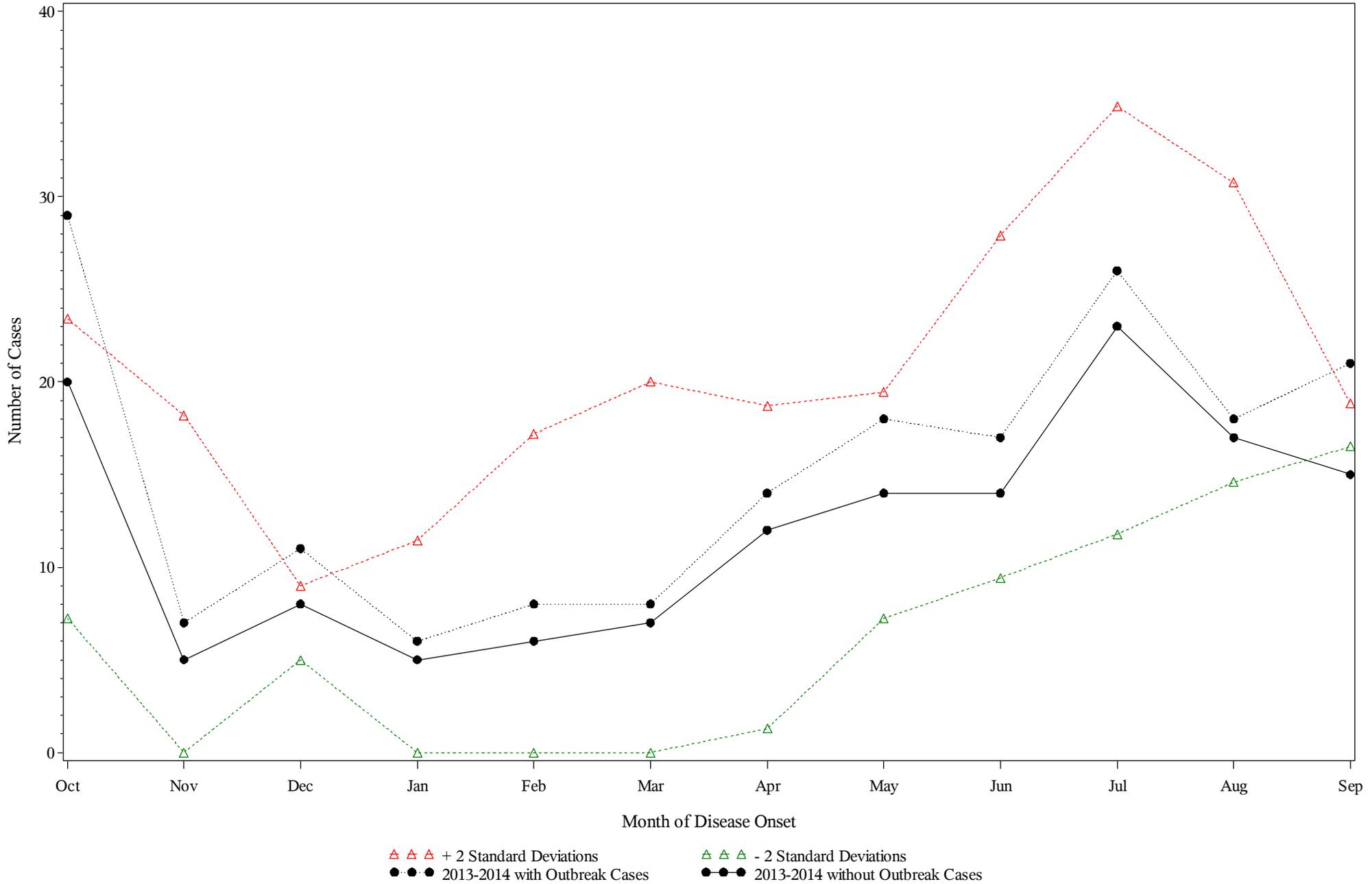


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northwest Salmonellosis

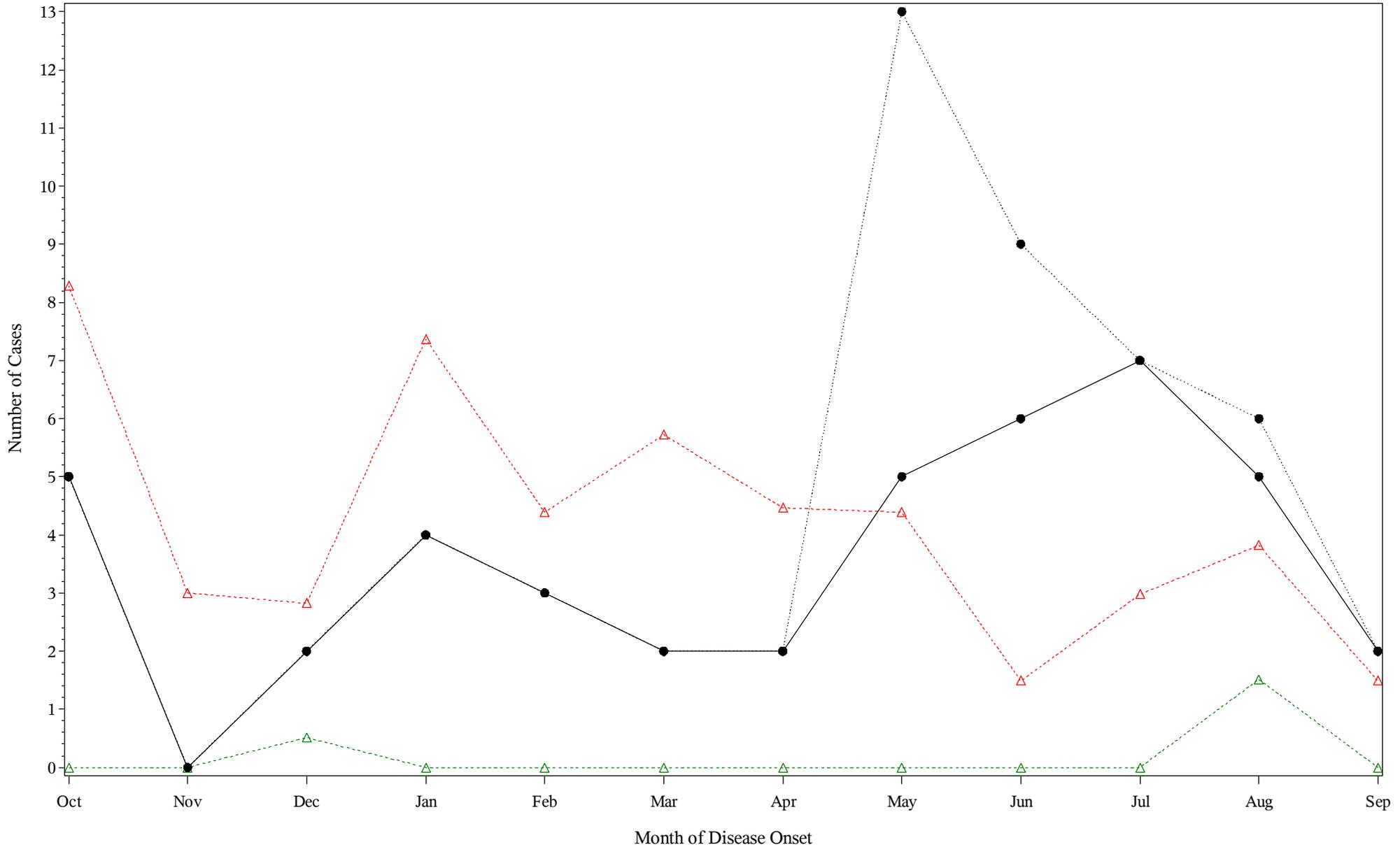


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northwest Shigellosis



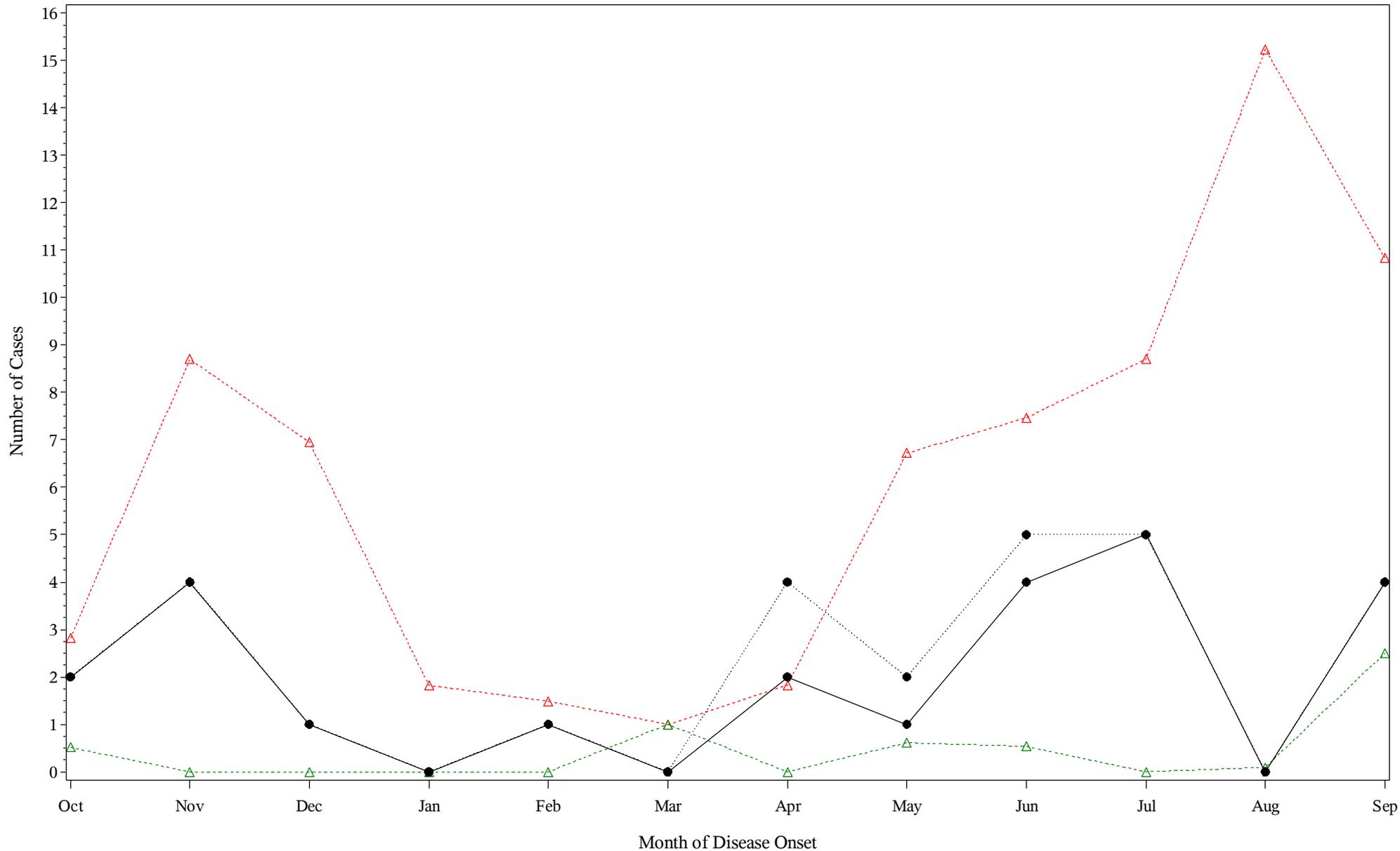
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● ● ● 2013-2014 with Outbreak Cases     
 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northwest Shiga Toxin-Producing Escherichia coli



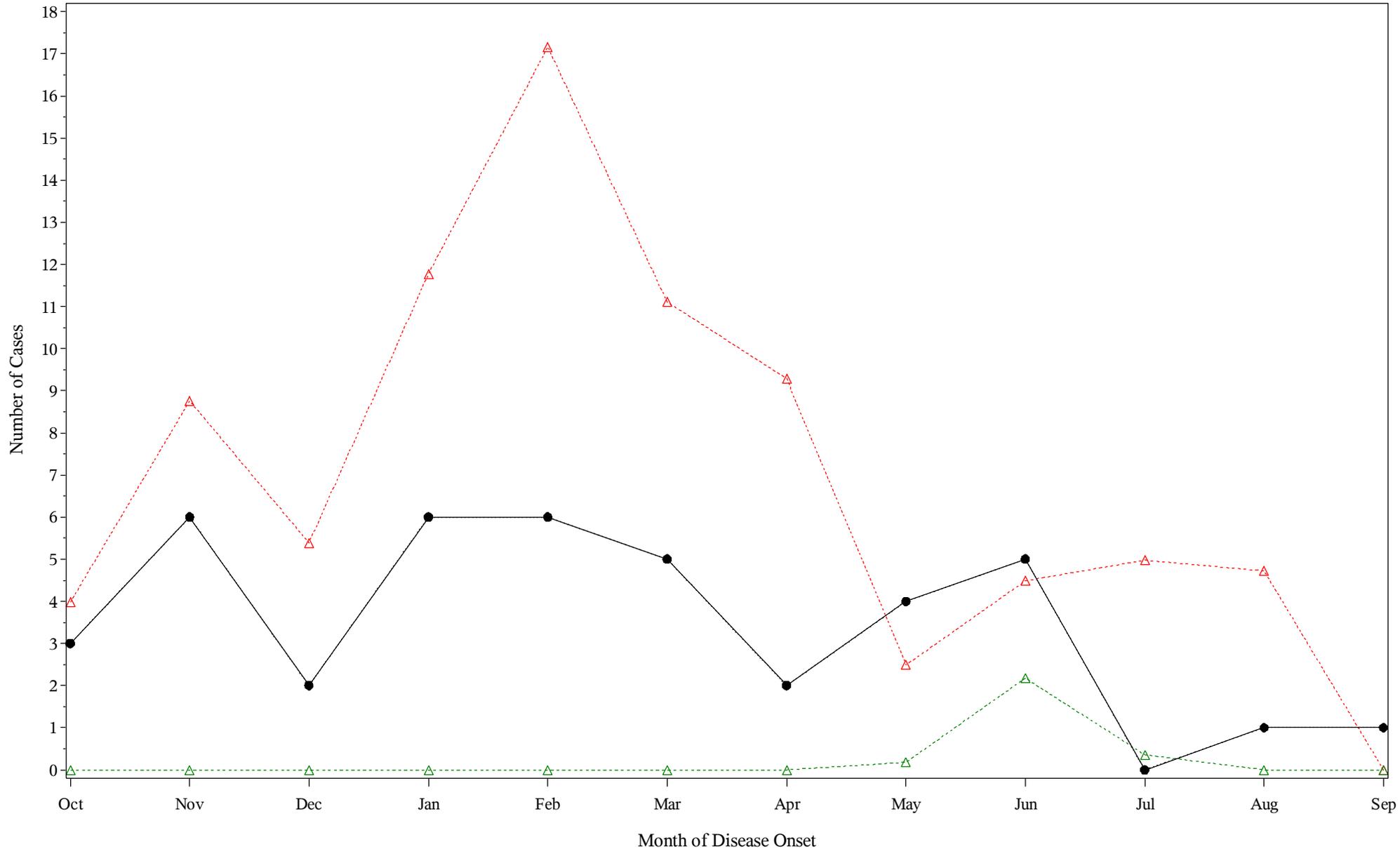
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 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northwest Streptococcal Disease, Group A, Invasive

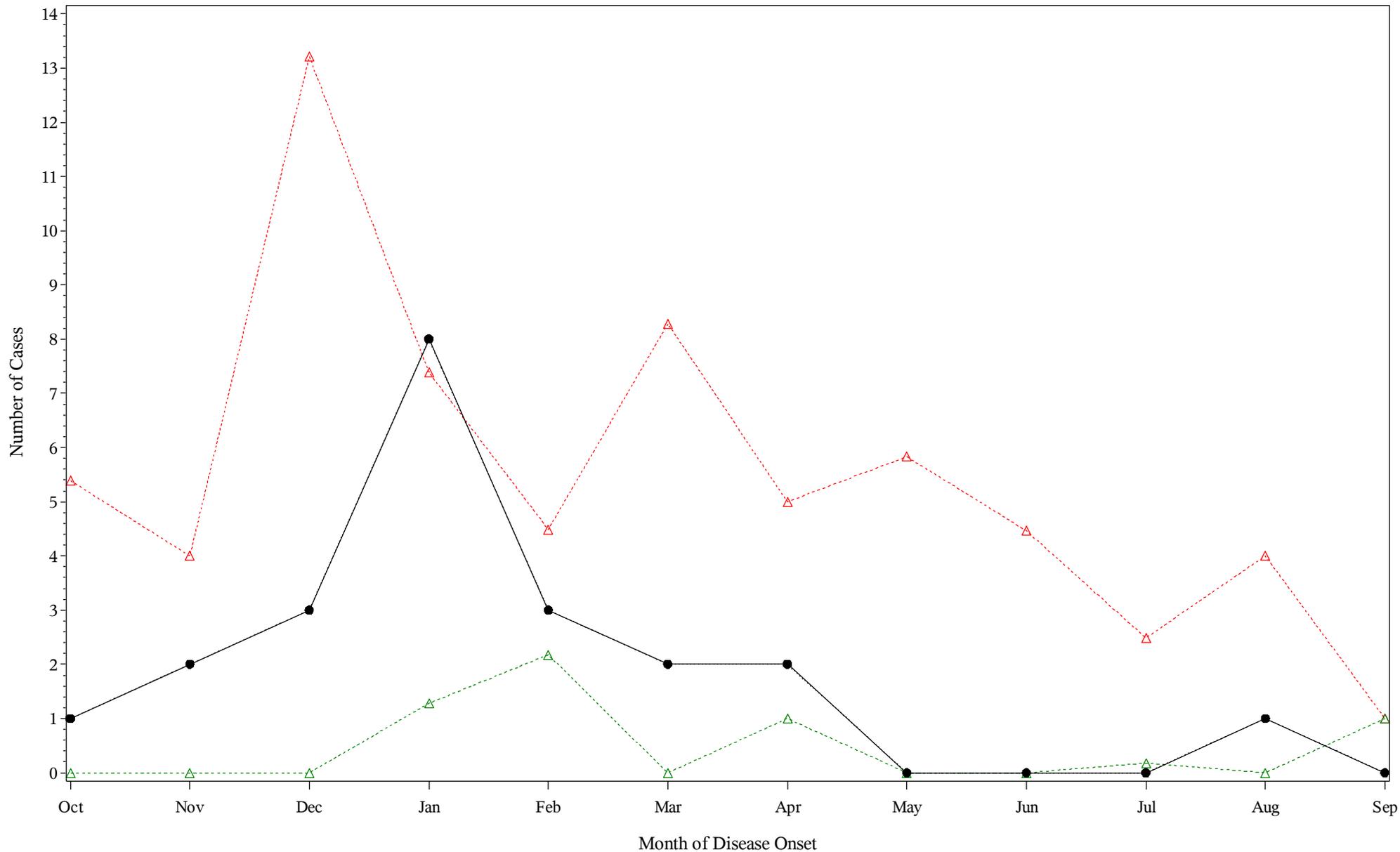


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northwest Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate

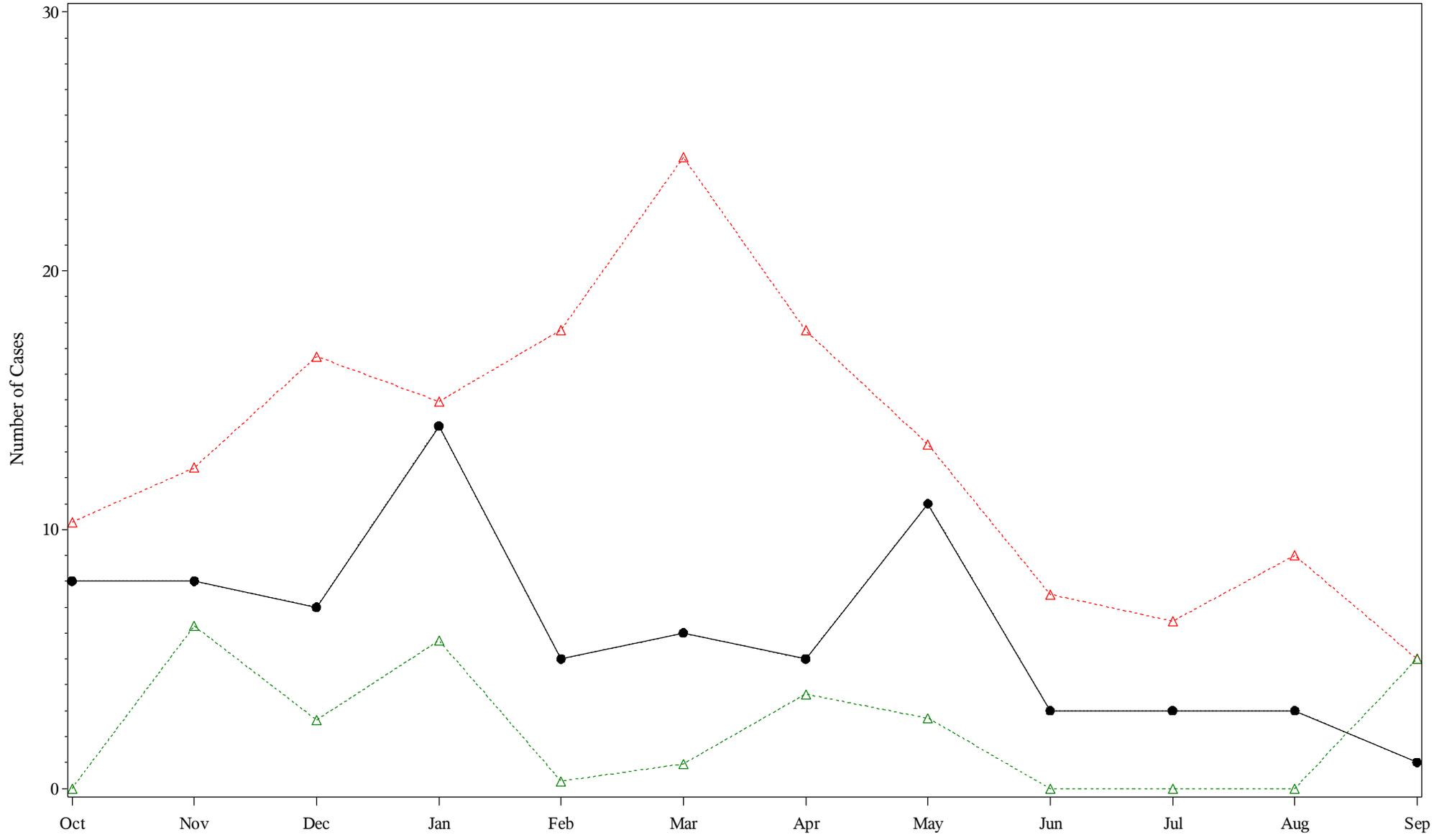


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Northwest Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown

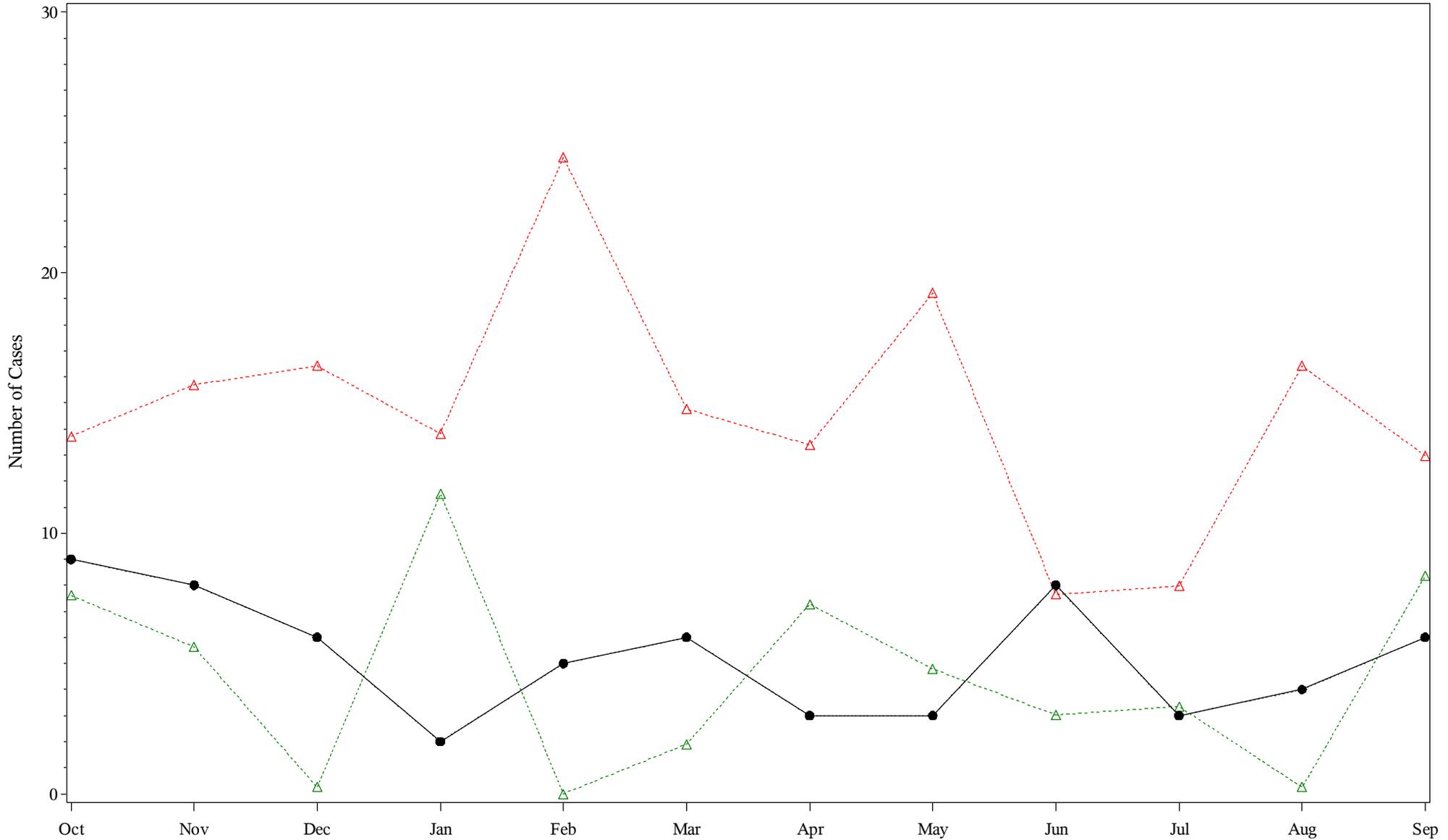


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northwest Varicella



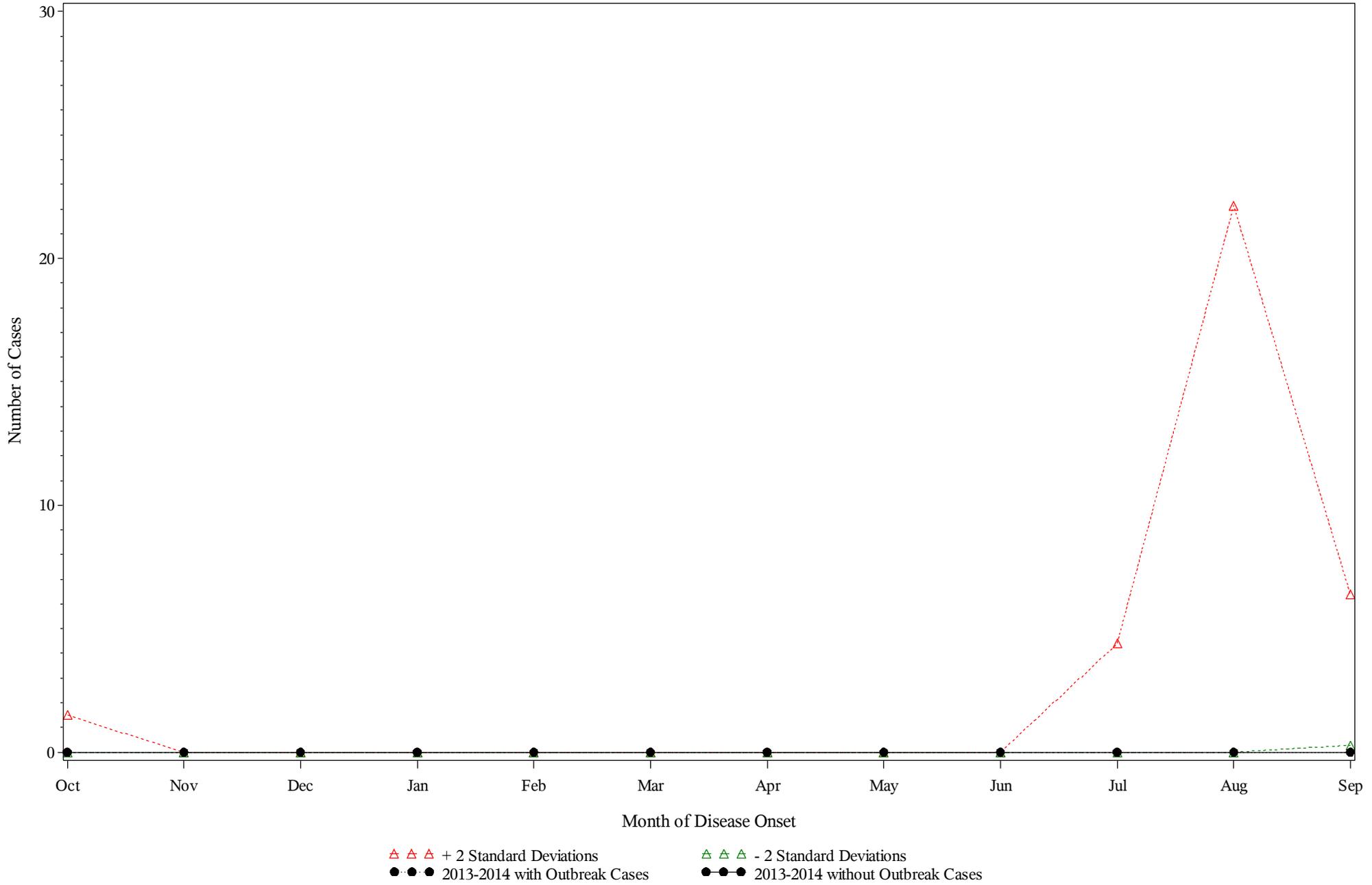
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● ● ● 2013-2014 with Outbreak Cases     
 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northwest West Nile Virus Disease



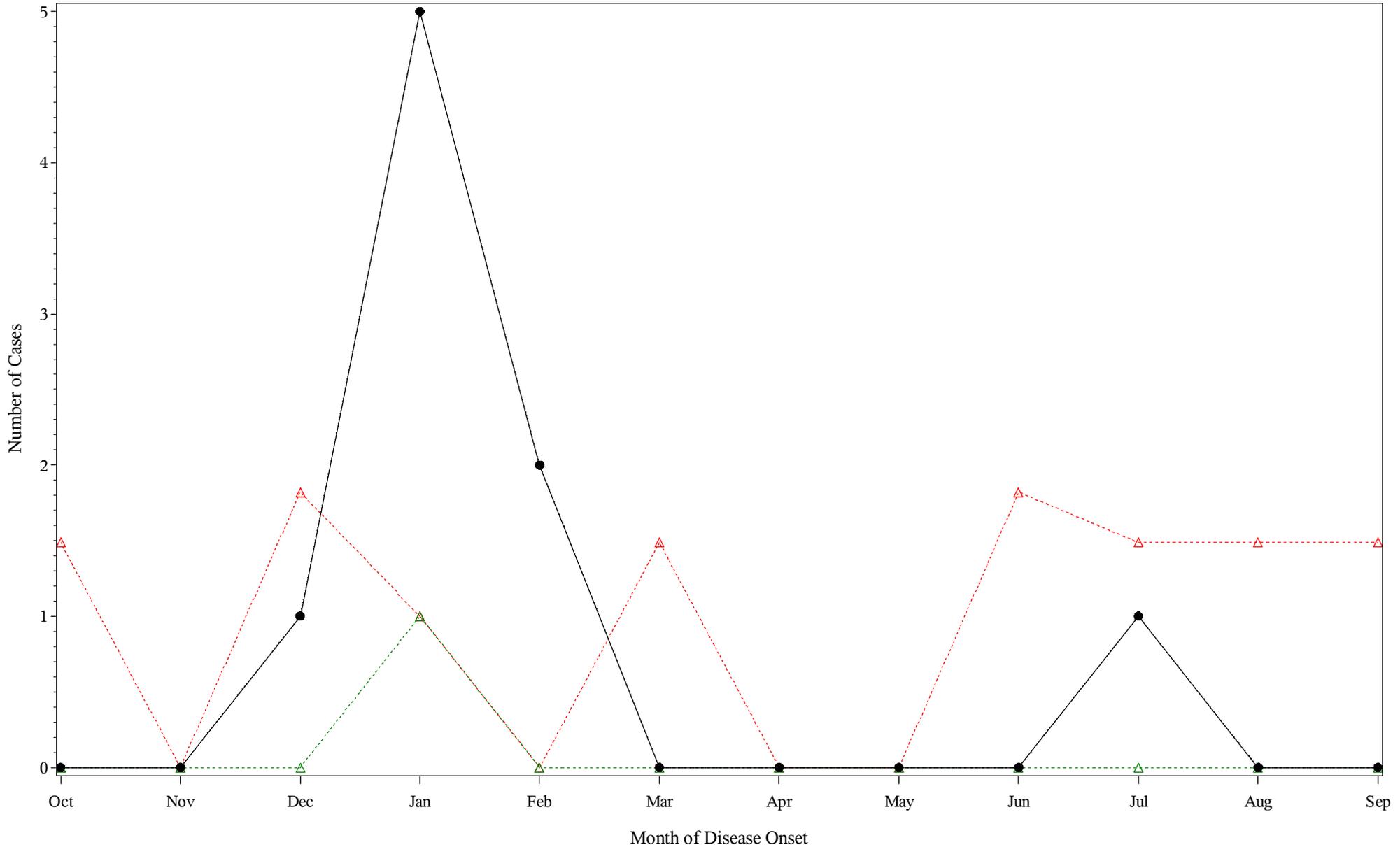
Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013

Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Northwest Yersiniosis



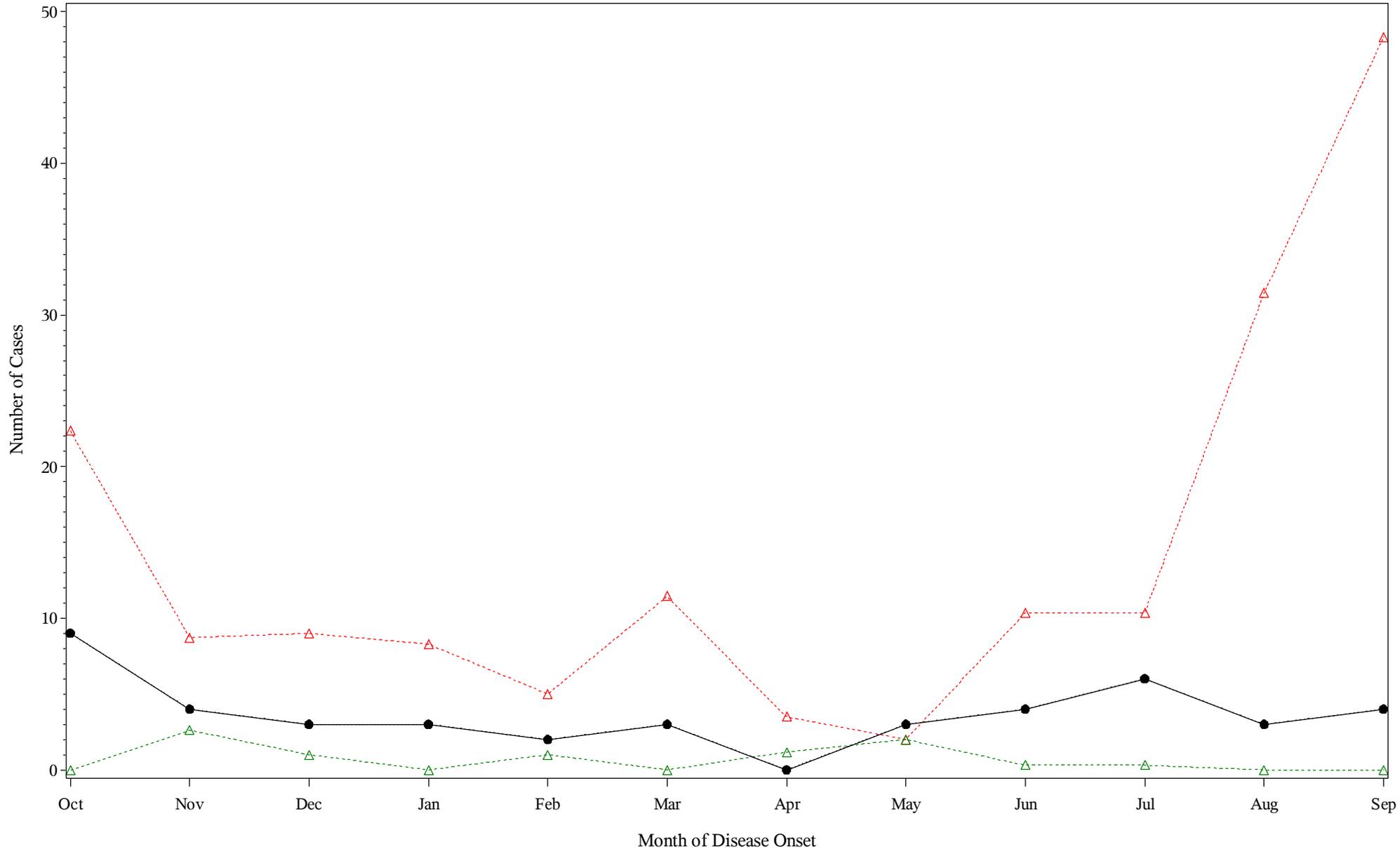
△ △ △ + 2 Standard Deviations     
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● ● ● 2013-2014 with Outbreak Cases     
 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southeast Aseptic Meningitis

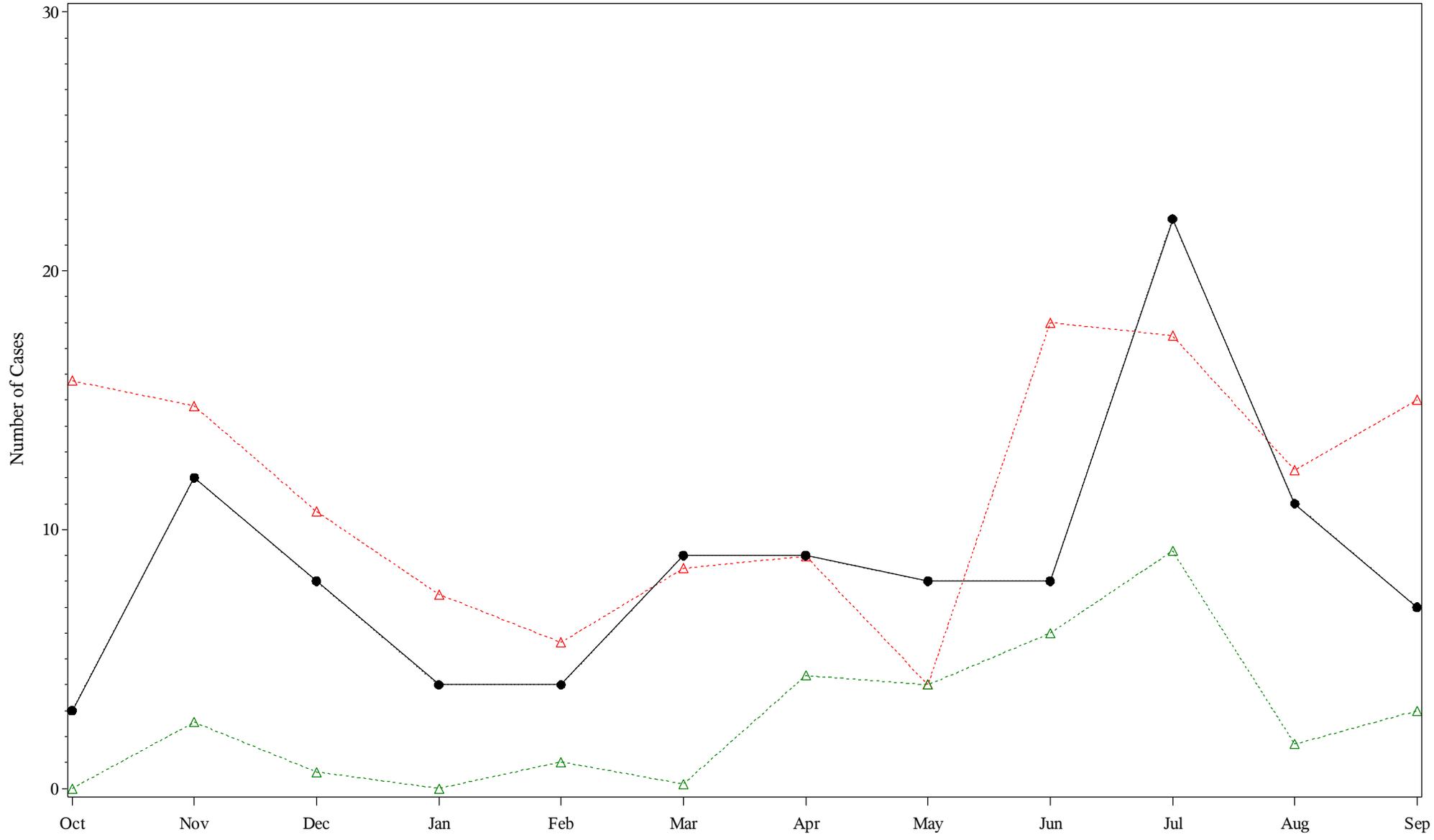


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southeast      Campylobacteriosis

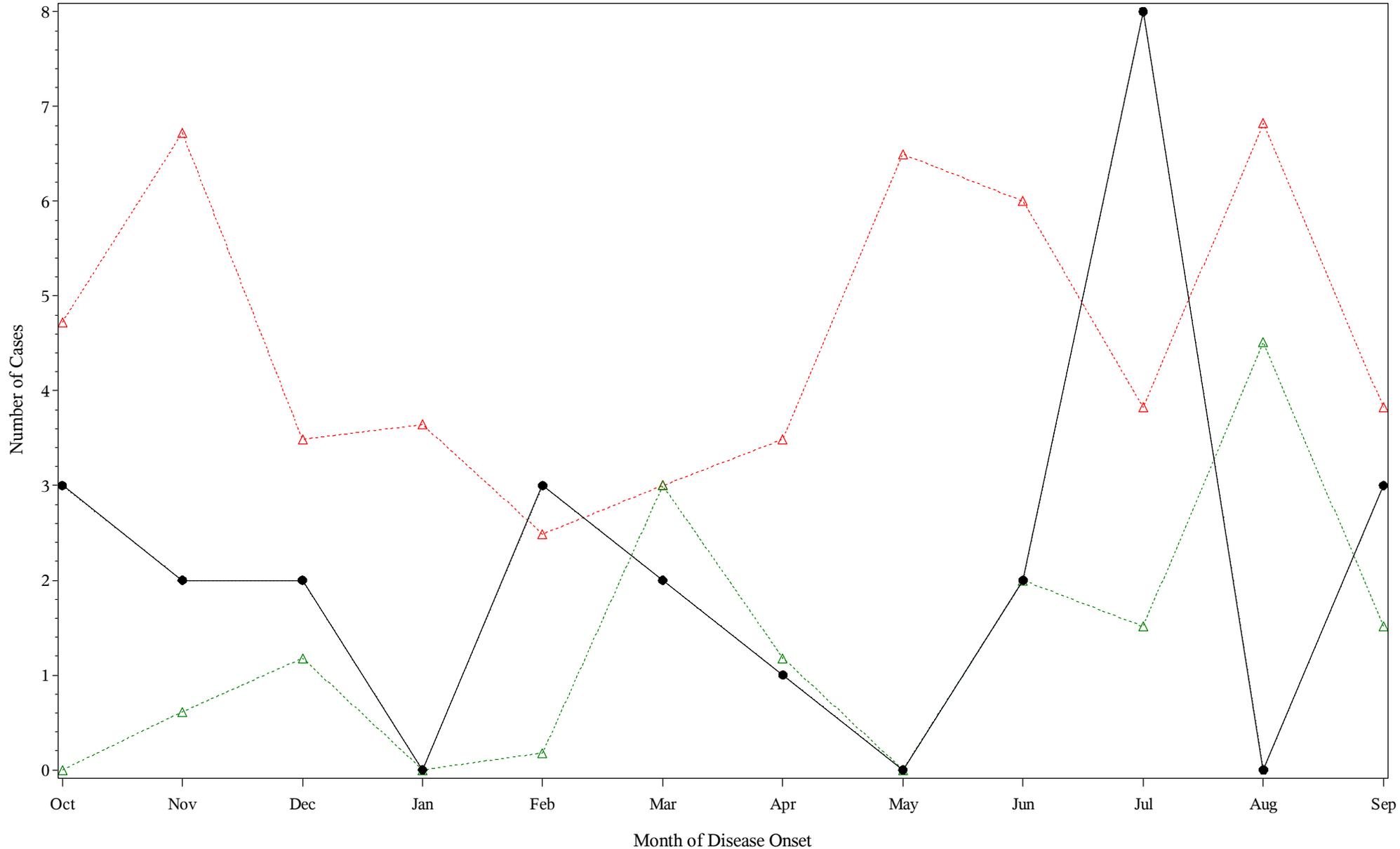


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southeast      Cryptosporidiosis

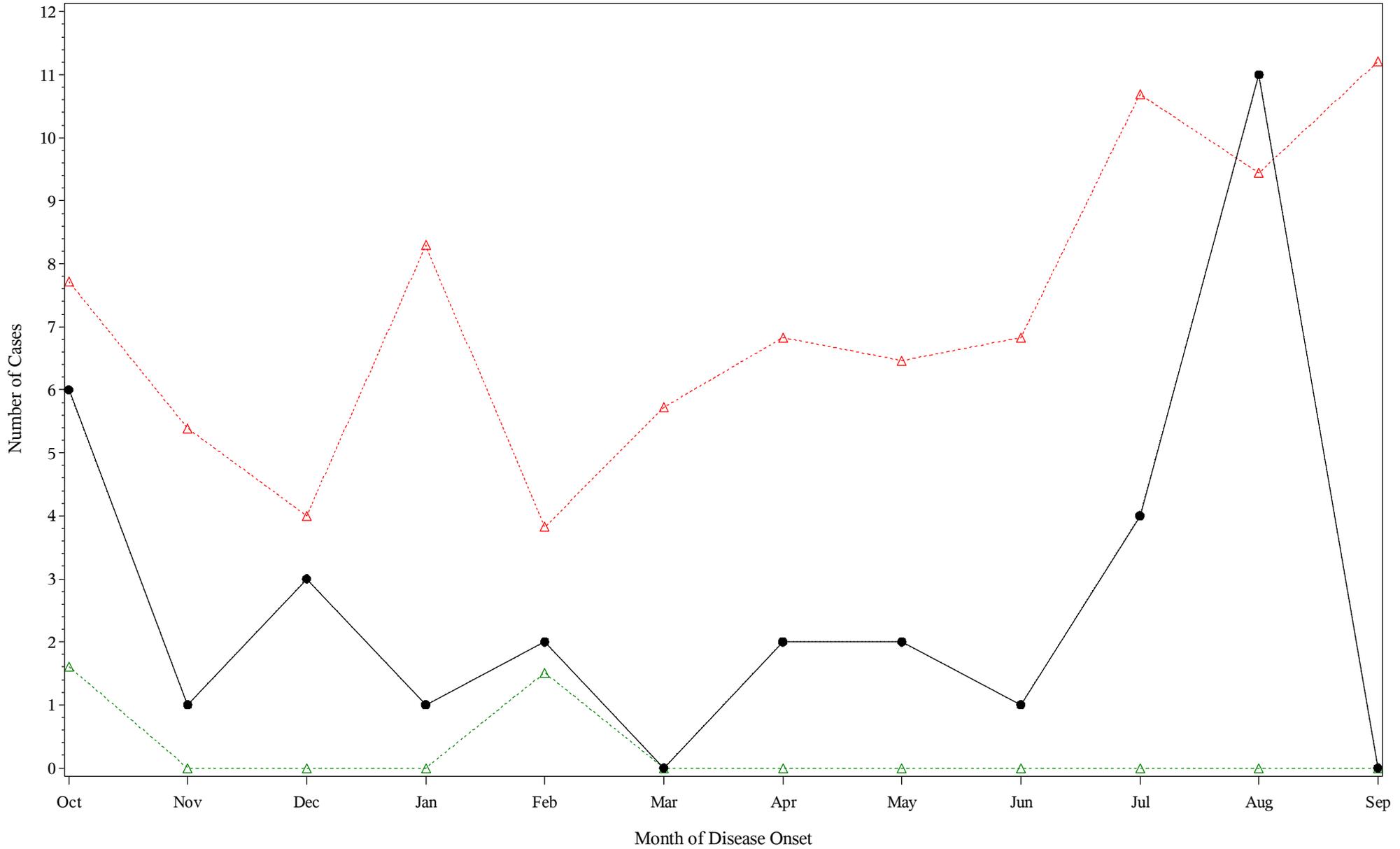


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southeast      Giardiasis



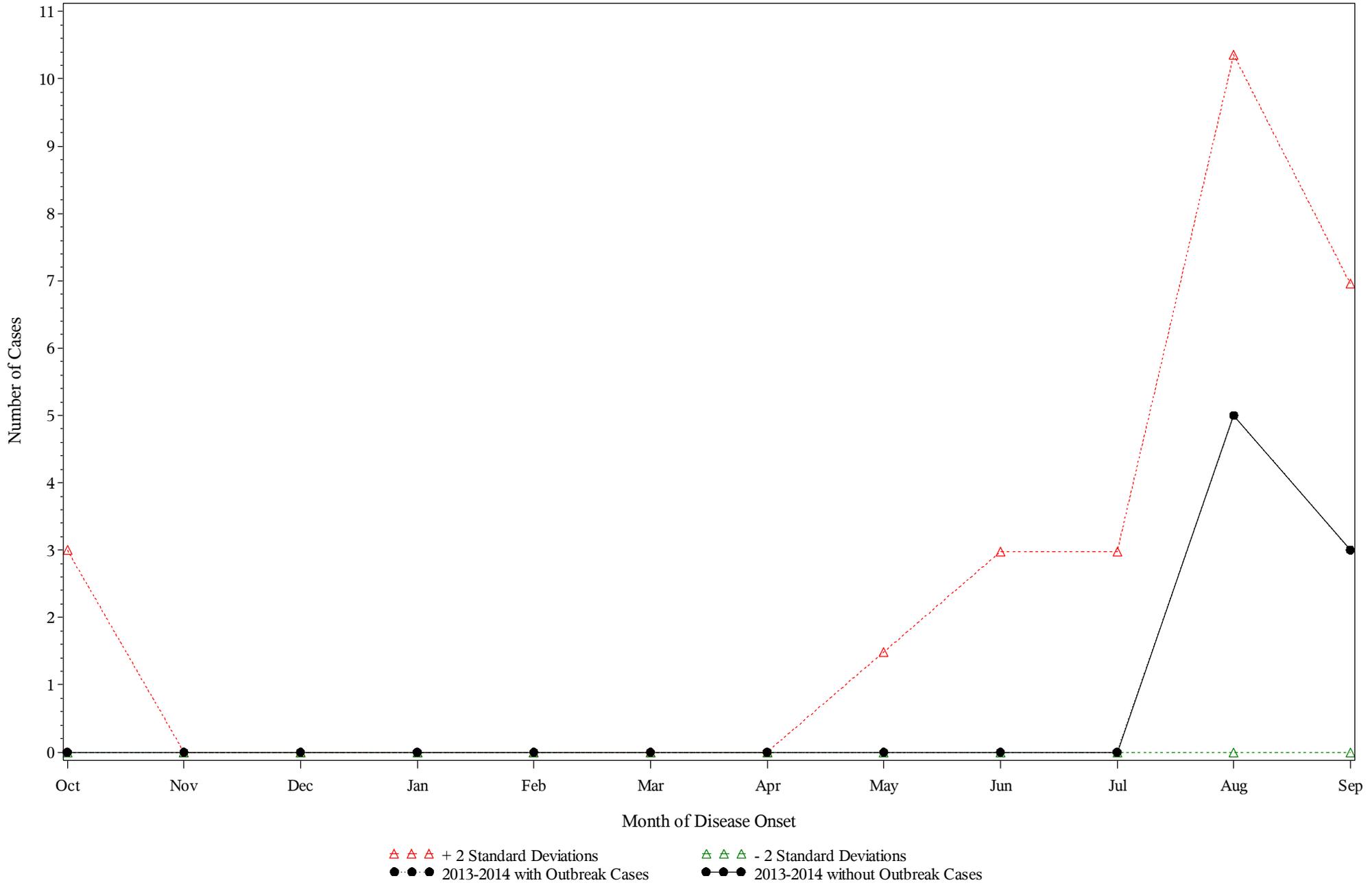
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

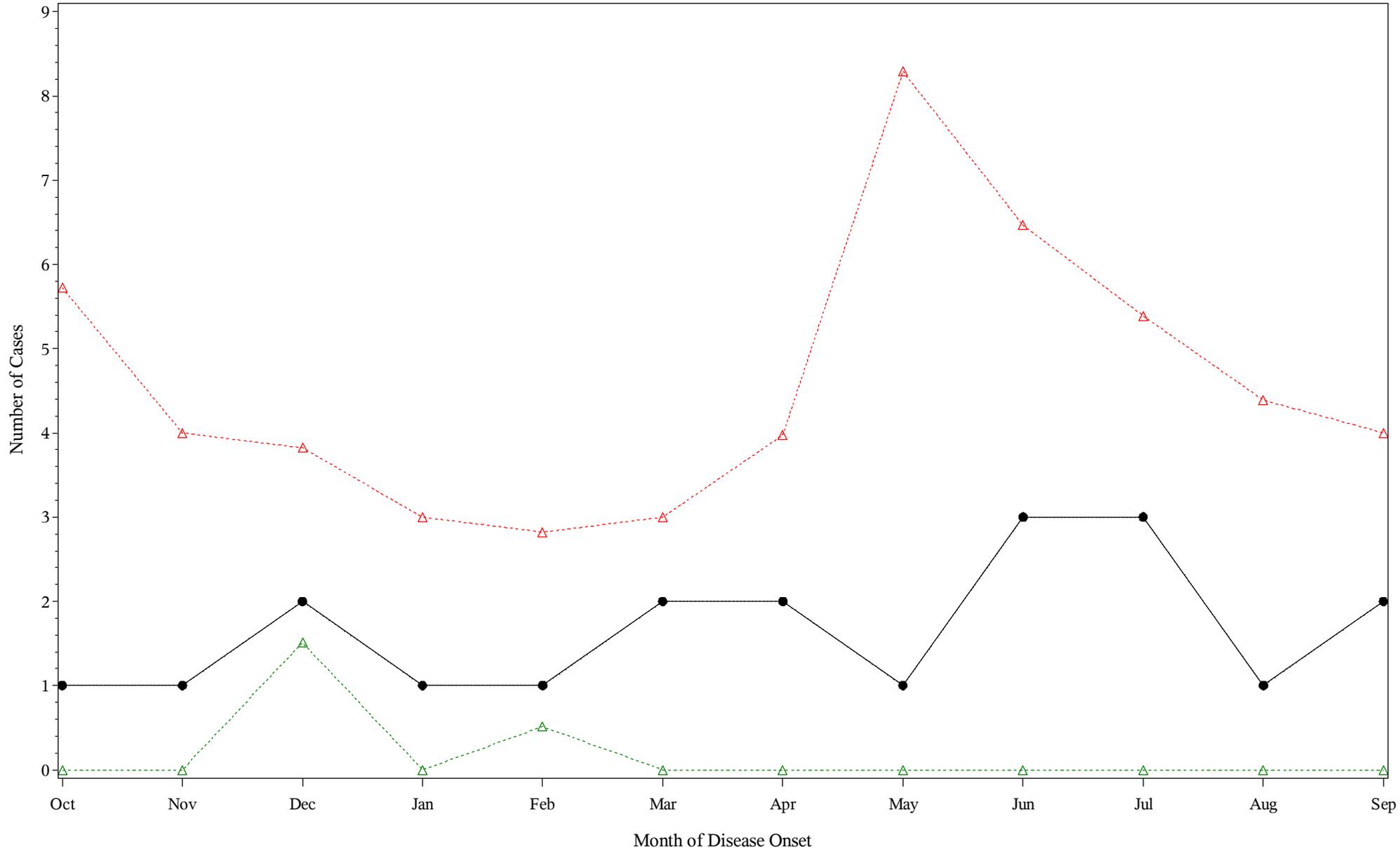
## Southeast LaCrosse Virus Disease



Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southeast Legionellosis

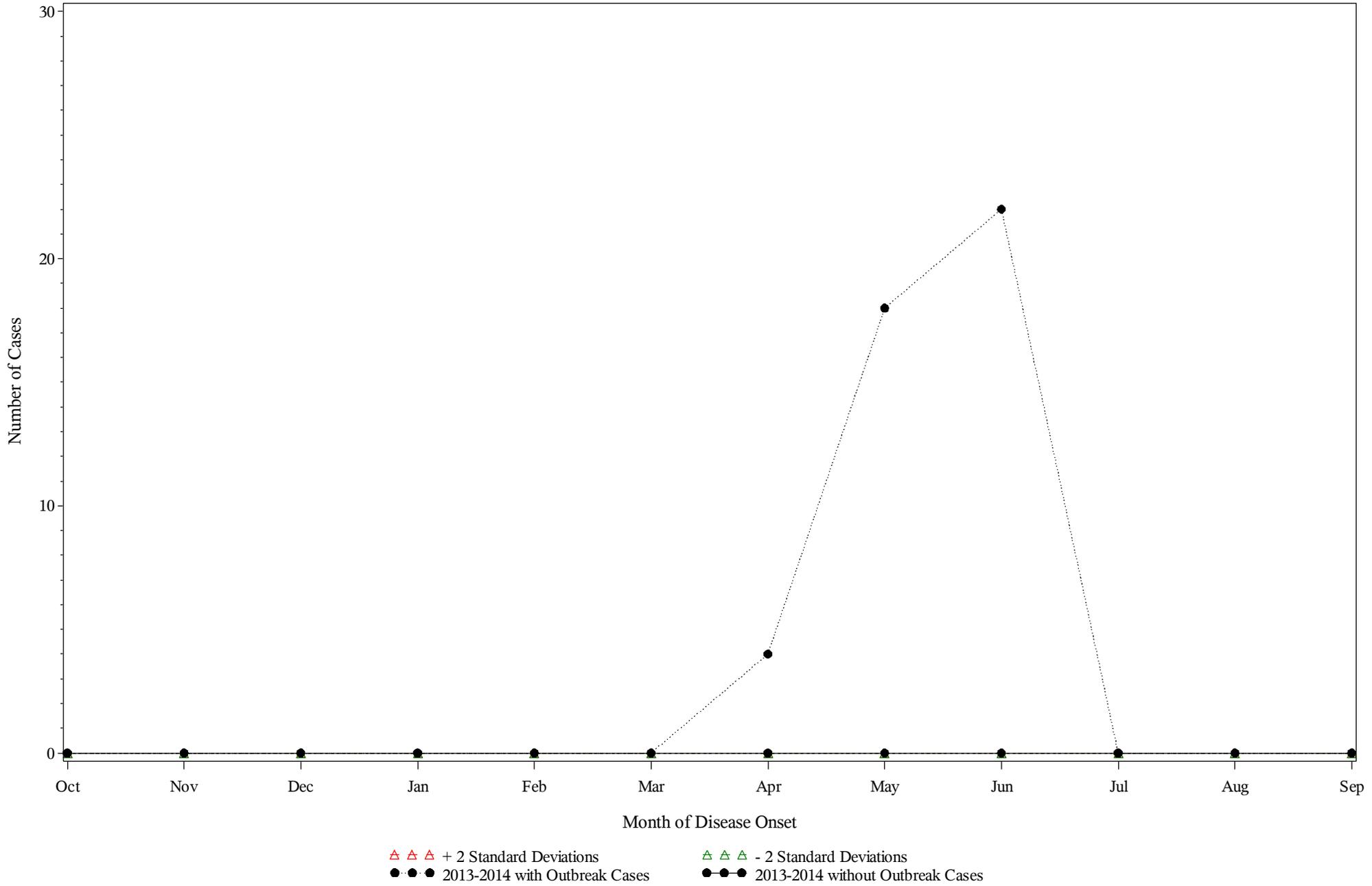


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southeast Measles

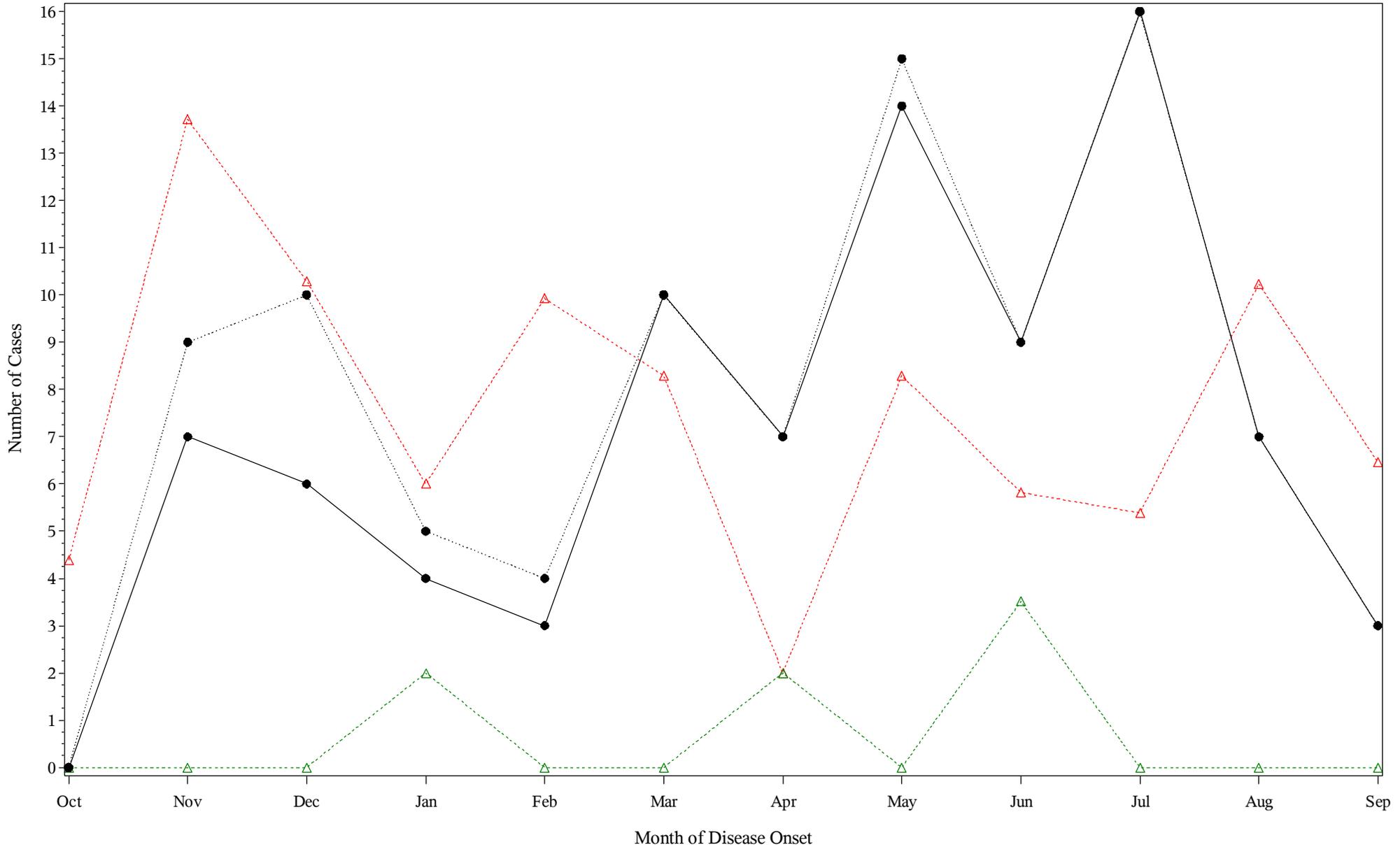


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Southeast Pertussis



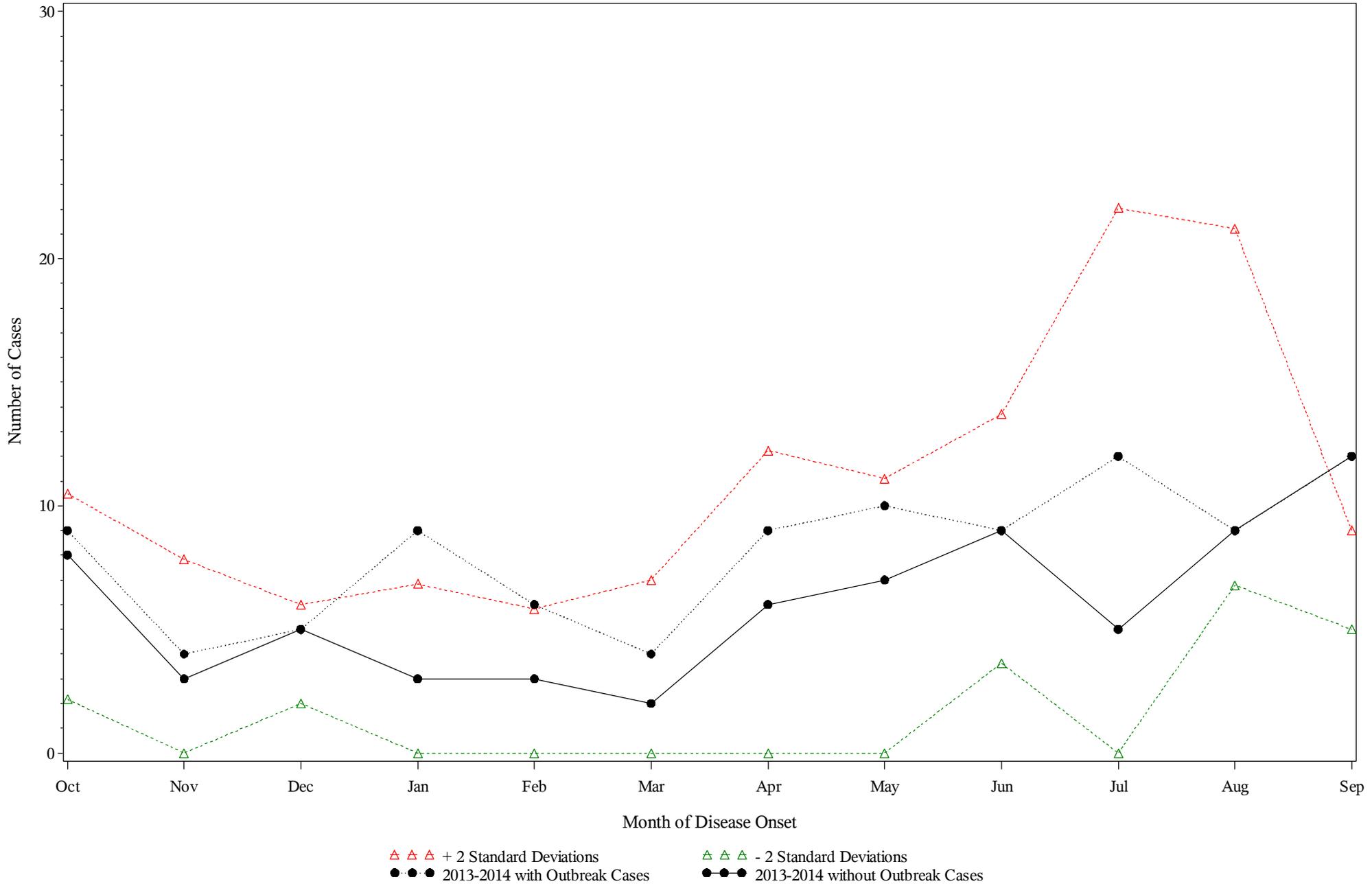
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southeast Salmonellosis

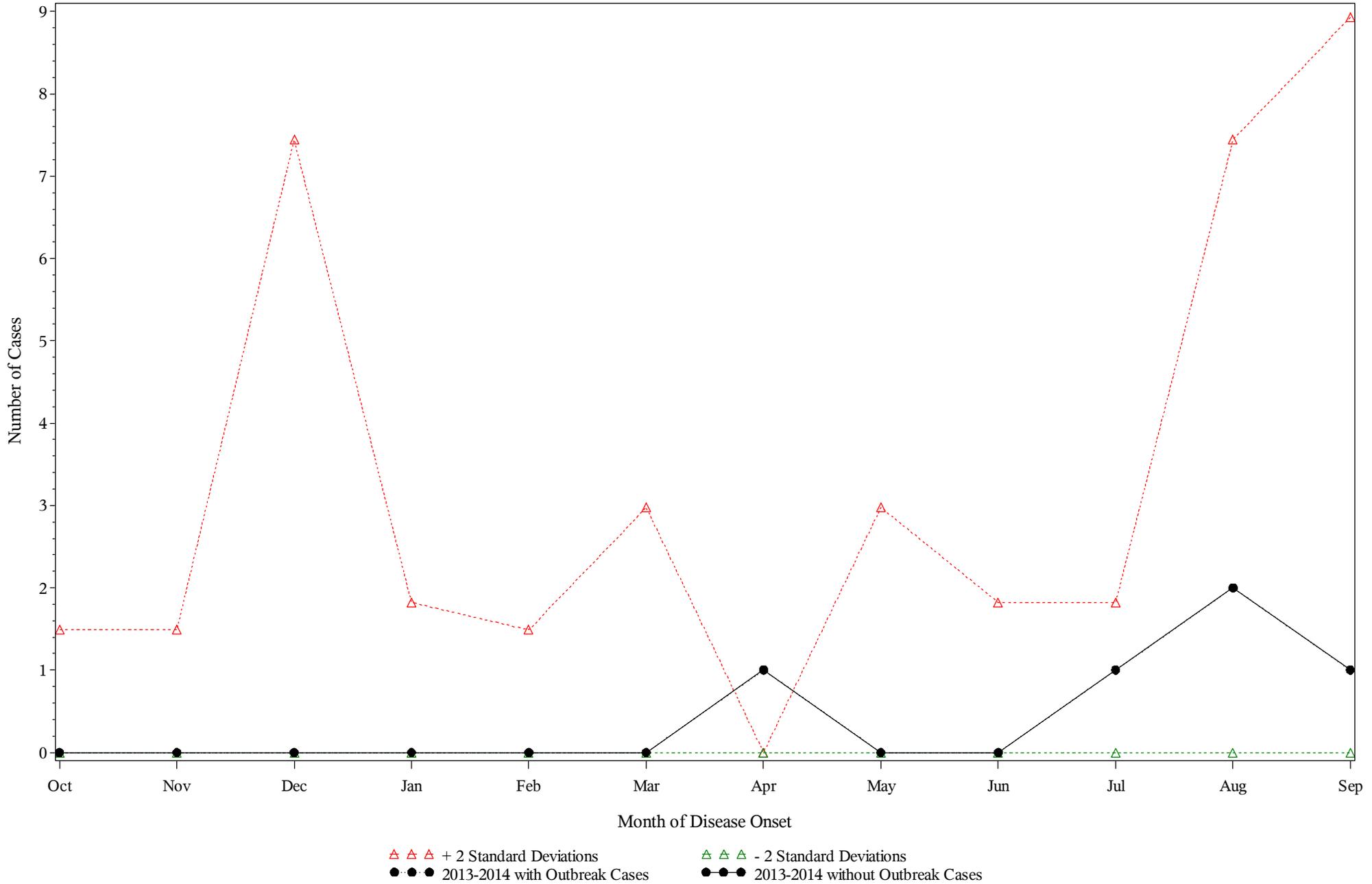


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southeast Shigellosis

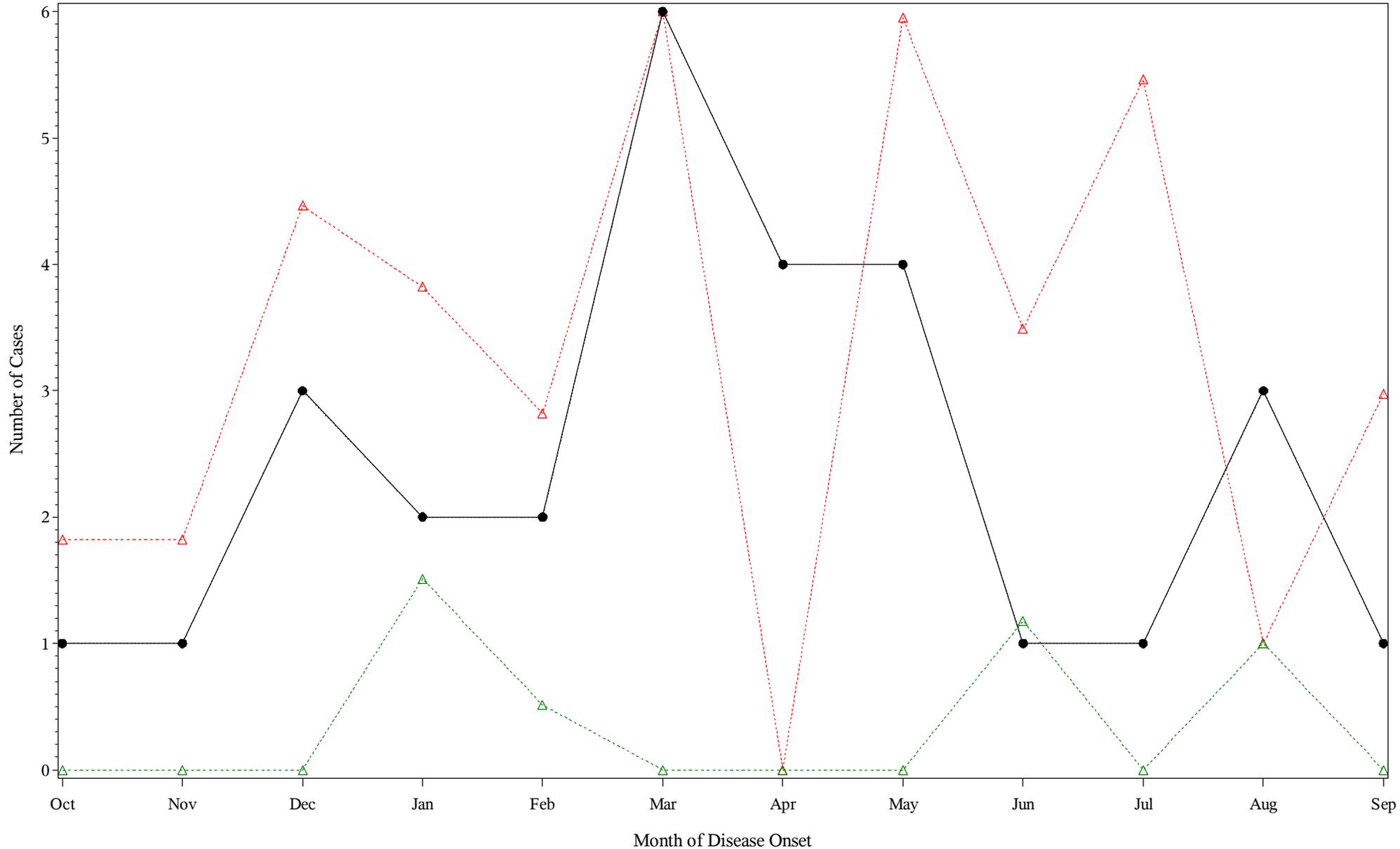


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southeast Streptococcal Disease, Group A, Invasive

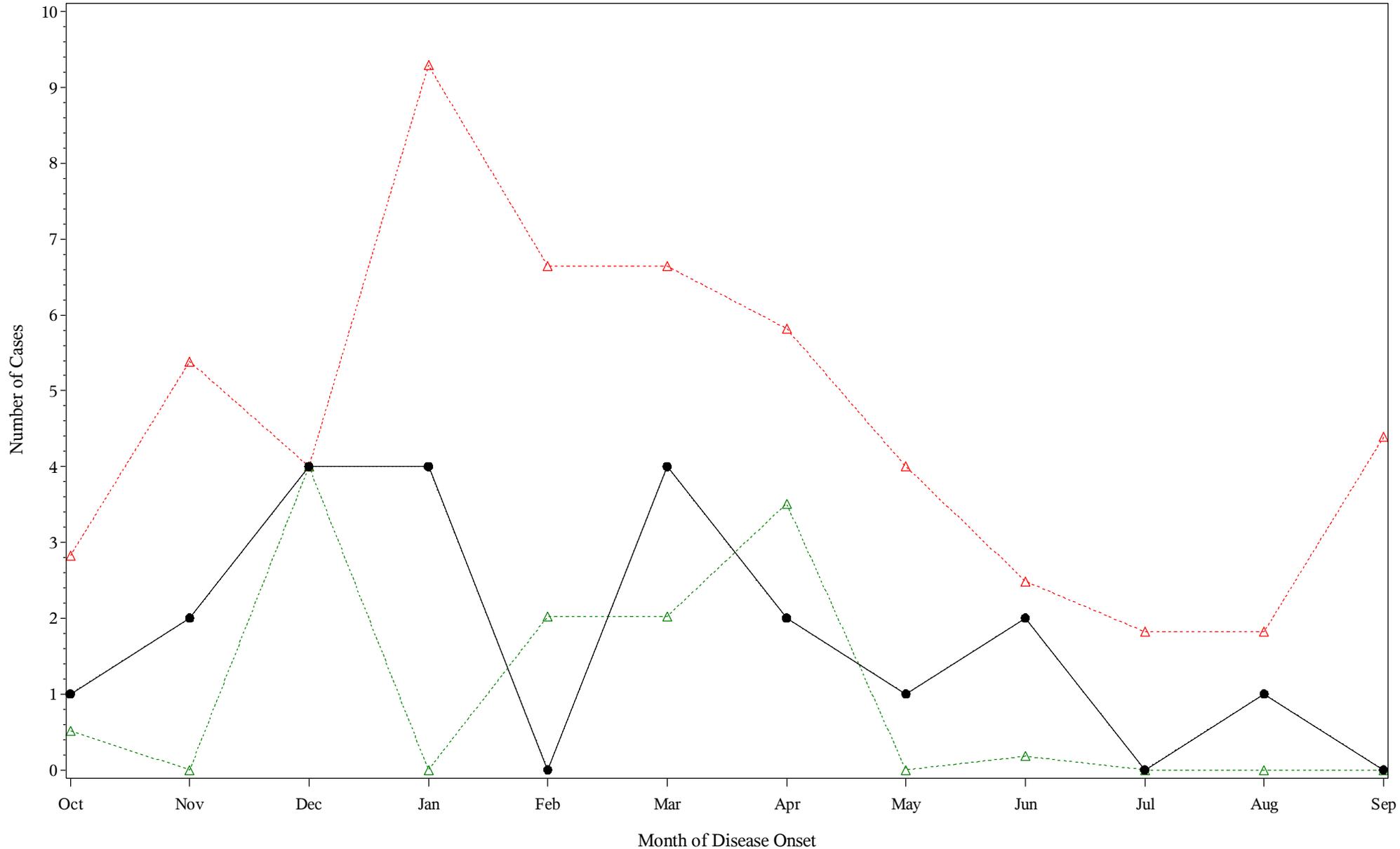


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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southeast      Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate

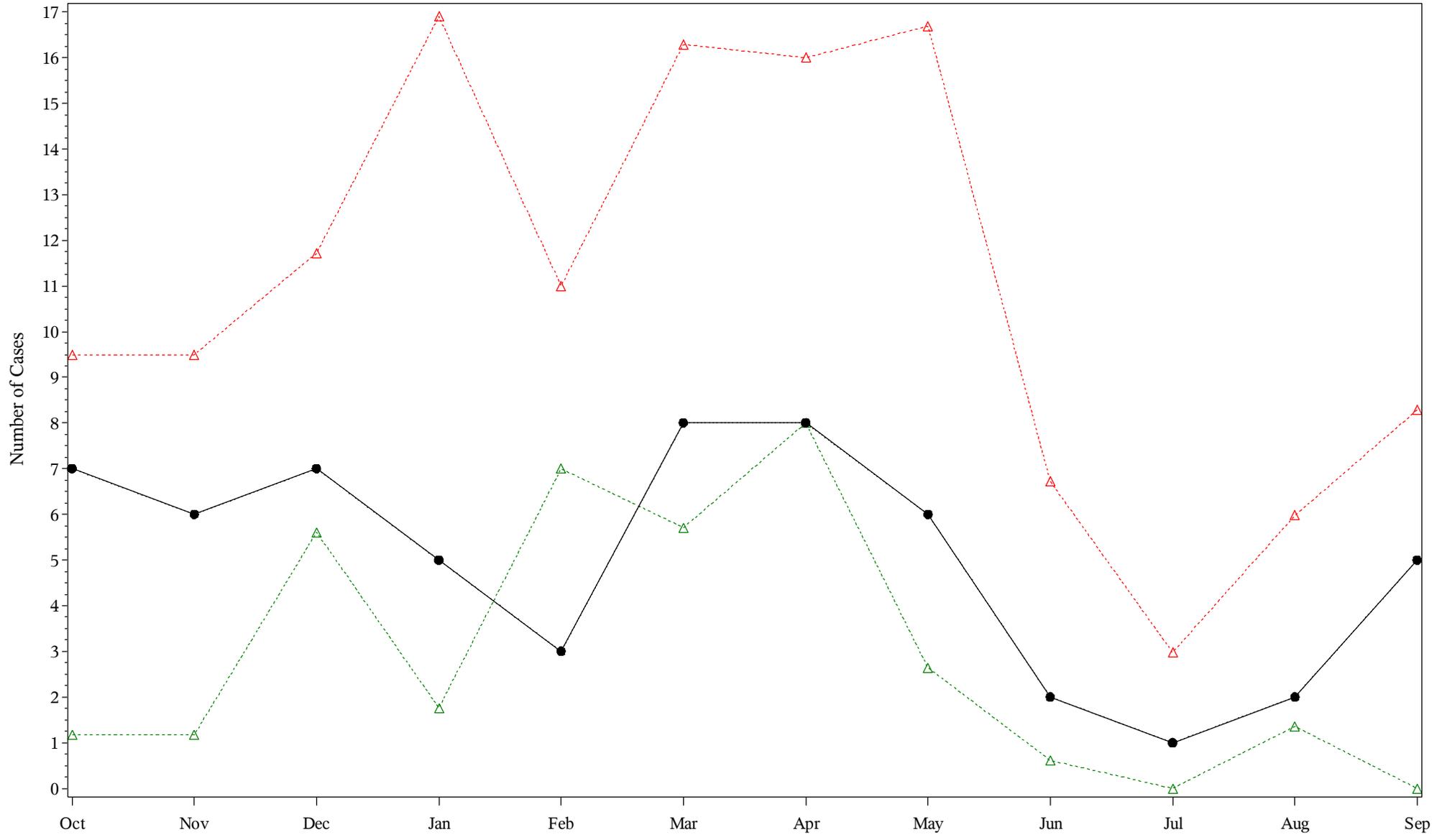


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southeast      Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown

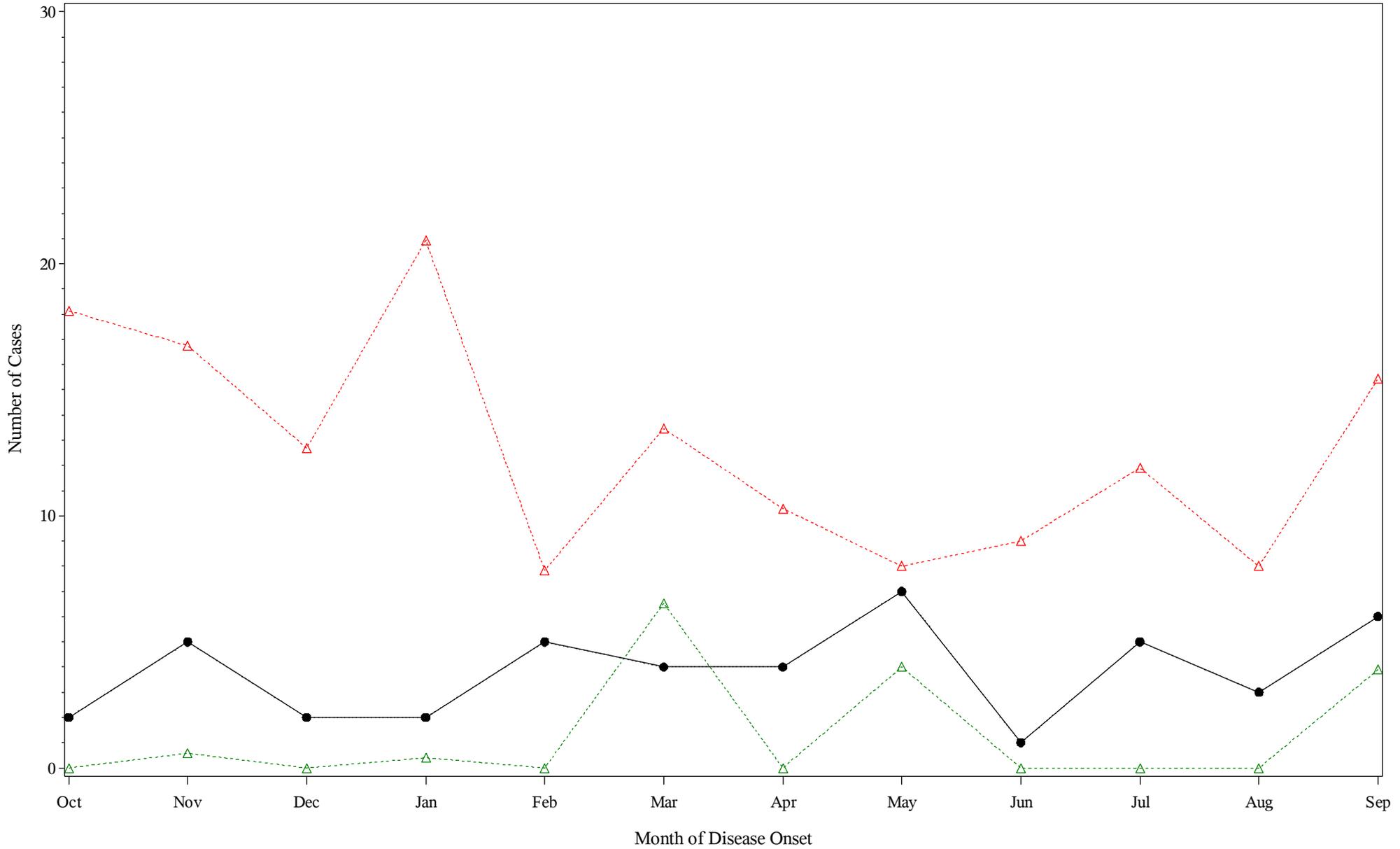


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 Current as of 11/02/2014  
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southeast      Varicella



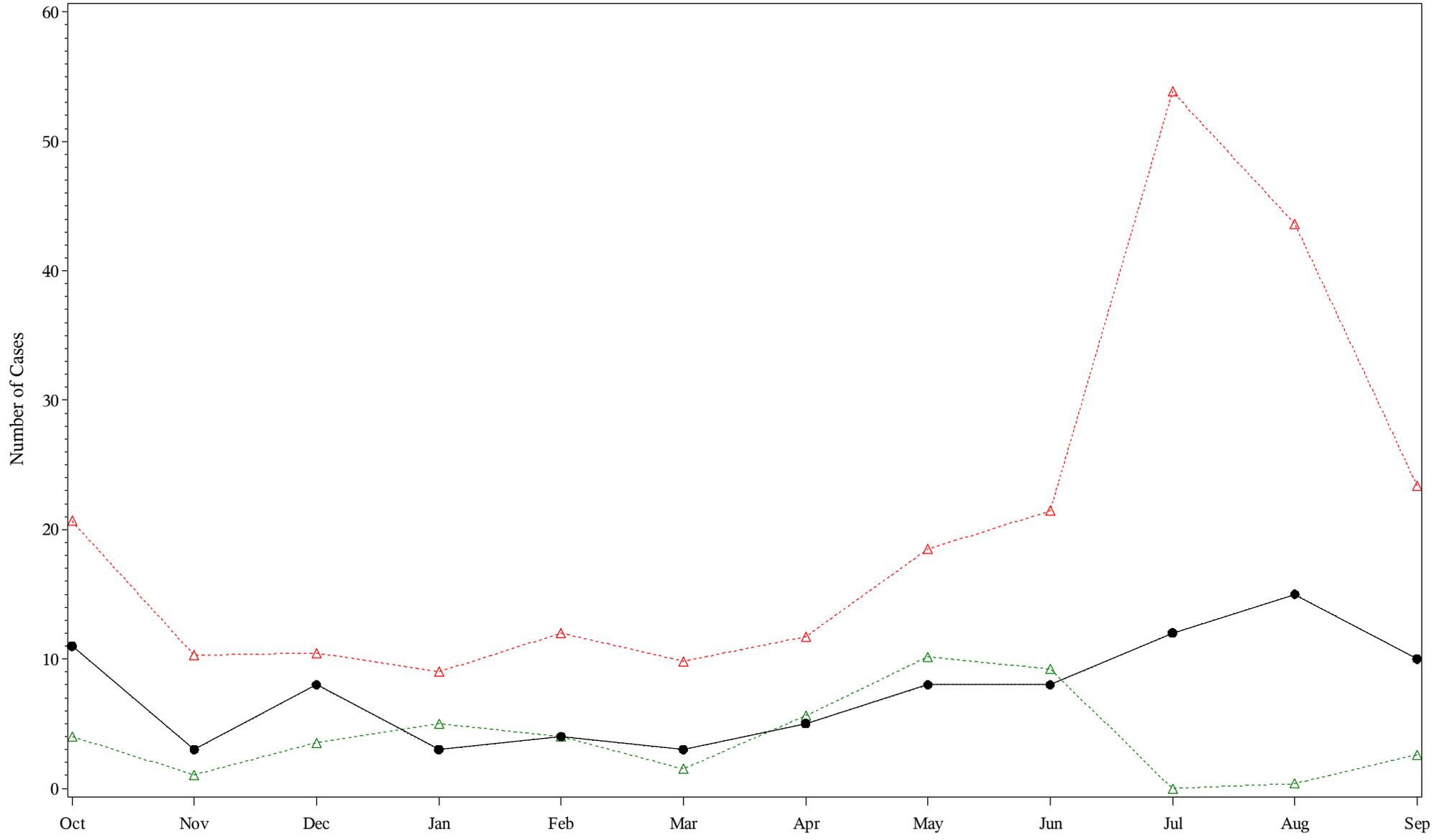
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southwest      Aseptic Meningitis

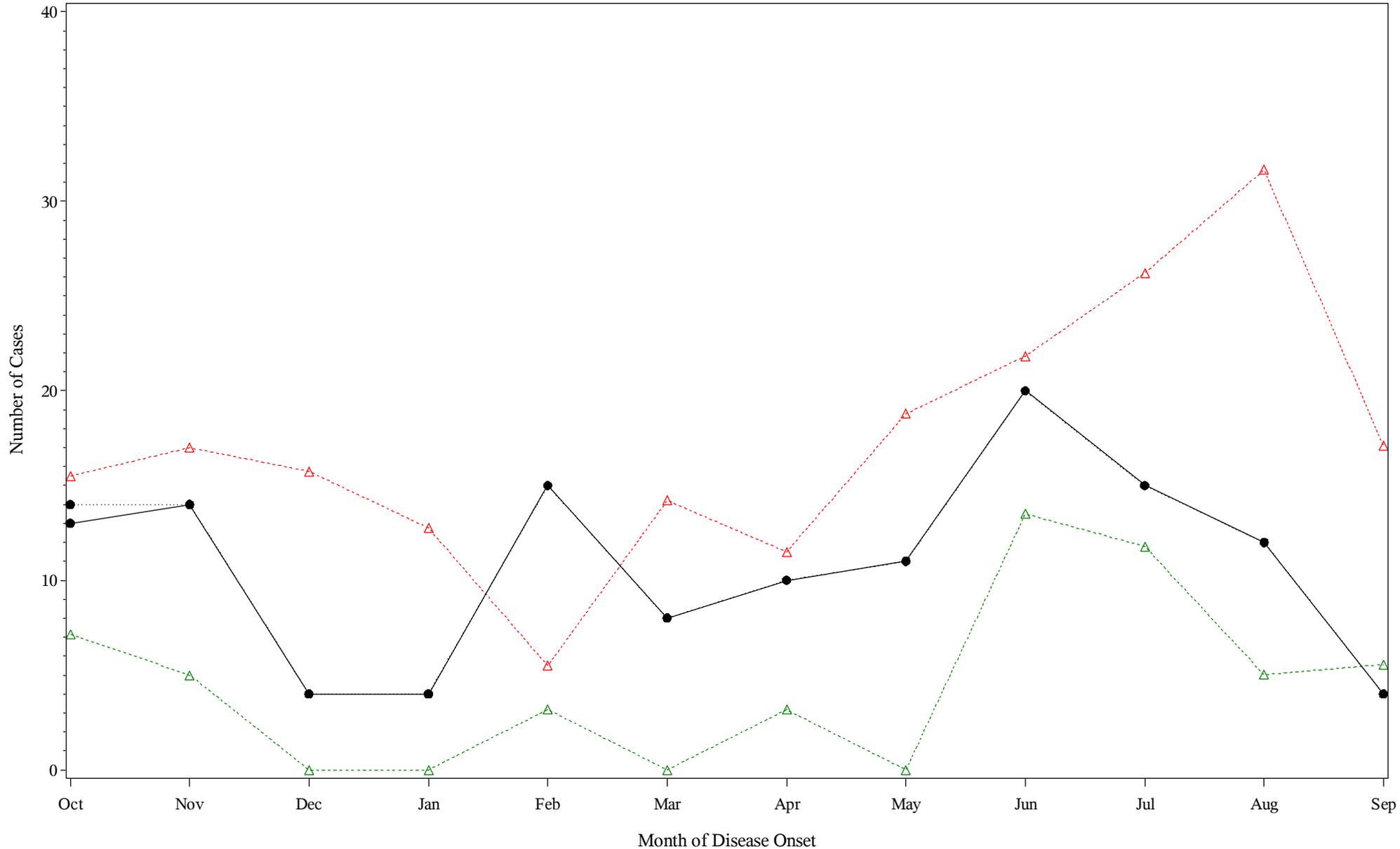


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 Current as of 11/02/2014  
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southwest      Campylobacteriosis

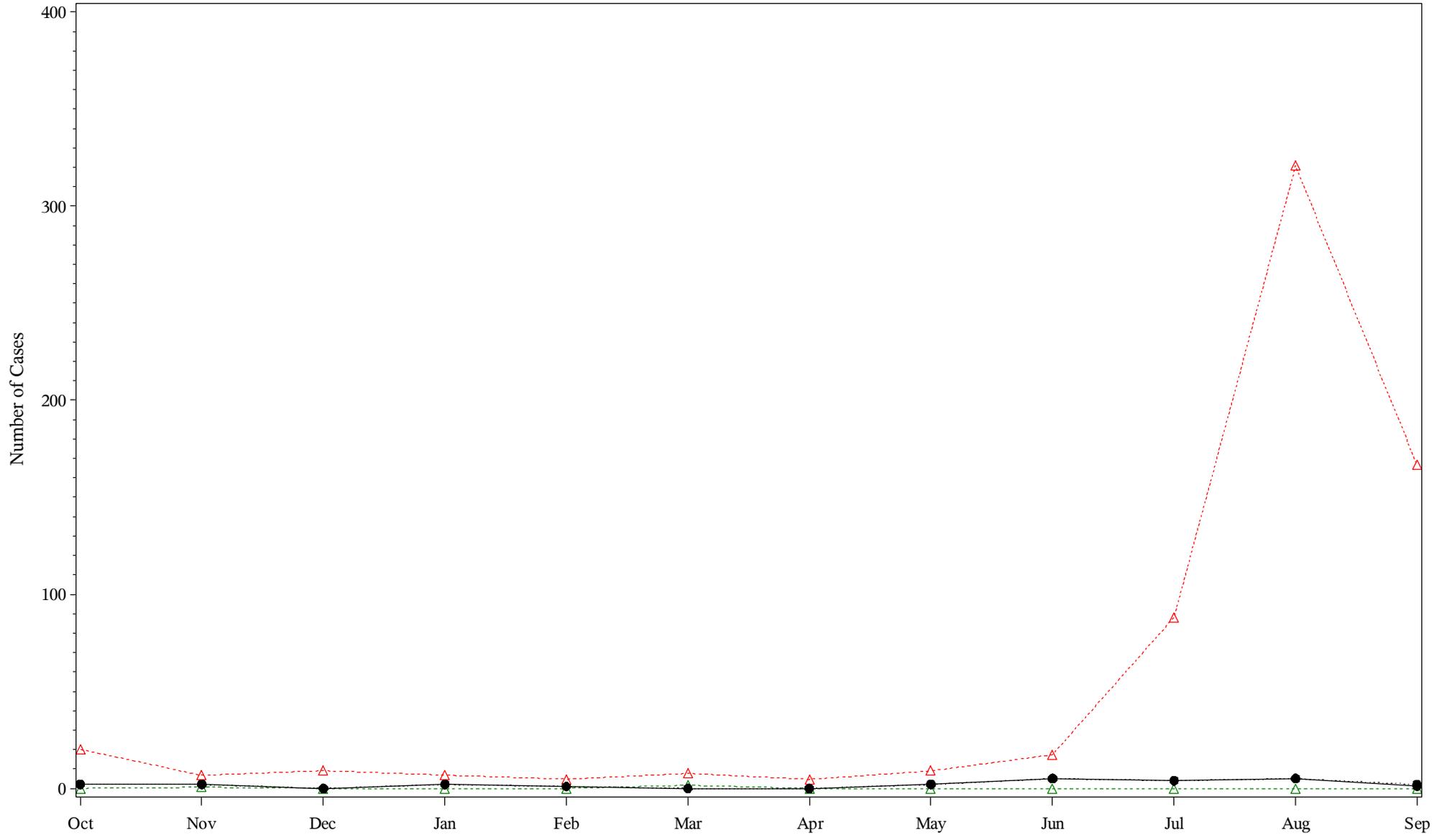


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southwest      Cryptosporidiosis

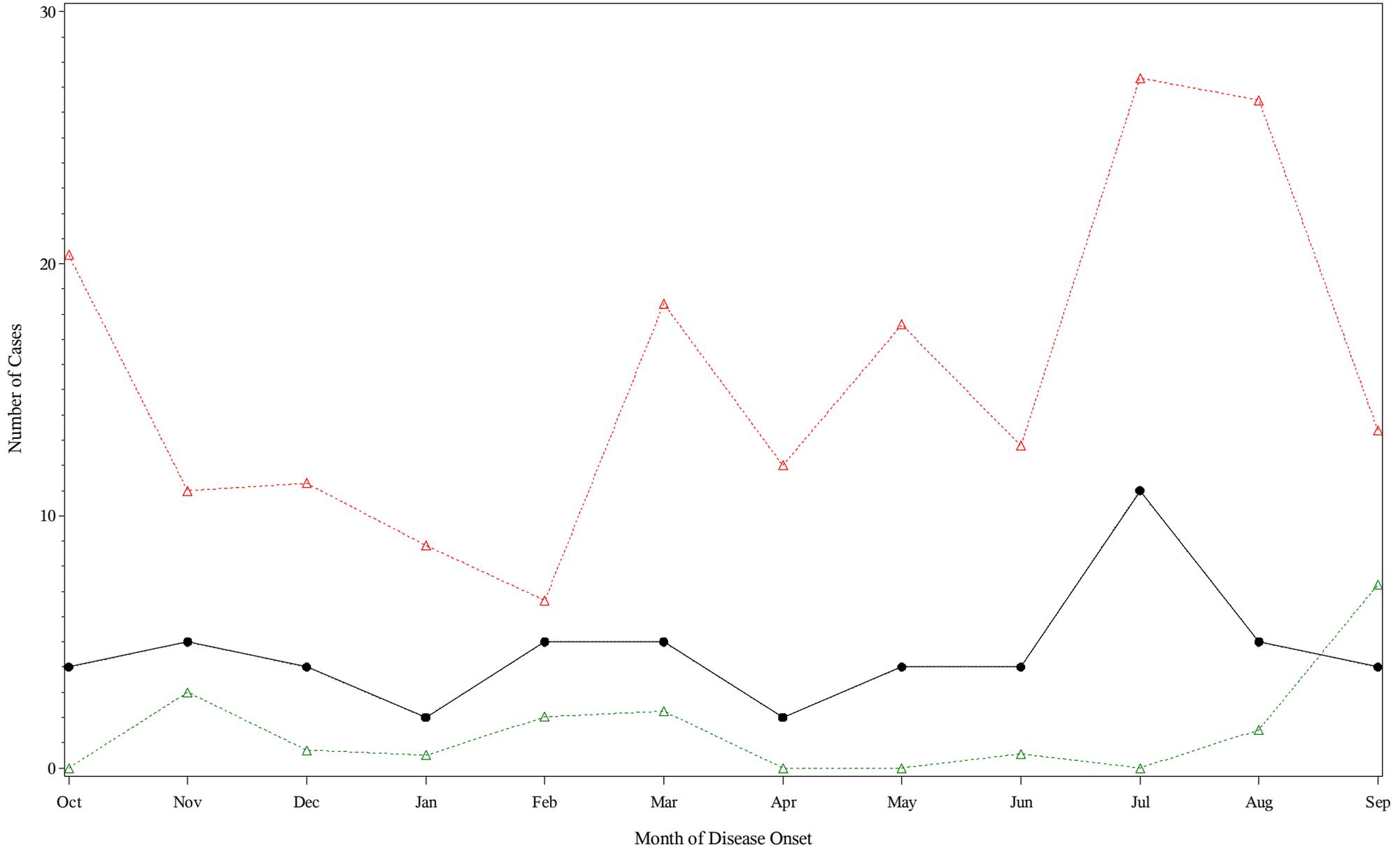


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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Southwest      Giardiasis



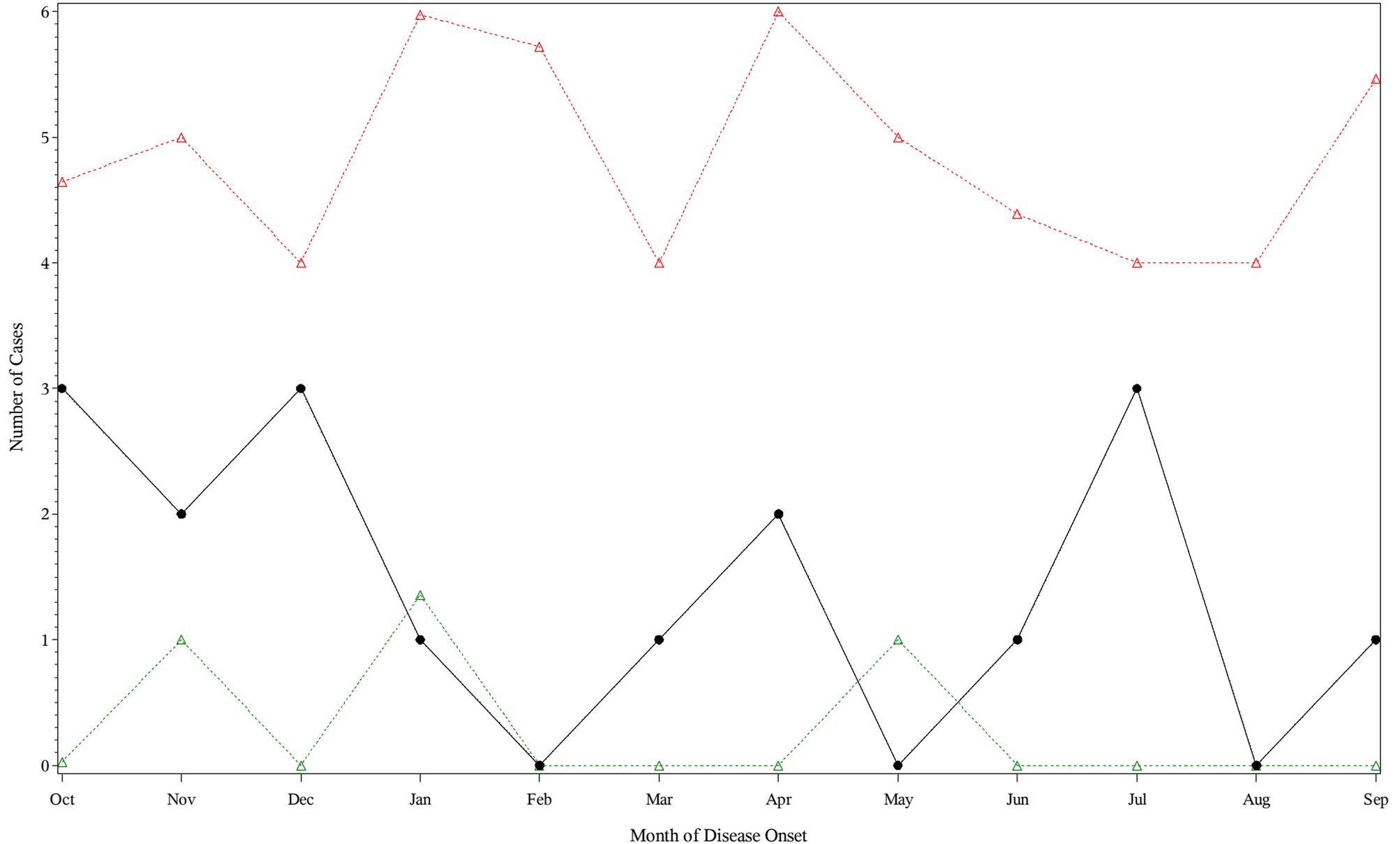
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southwest *Haemophilus influenzae*, Invasive

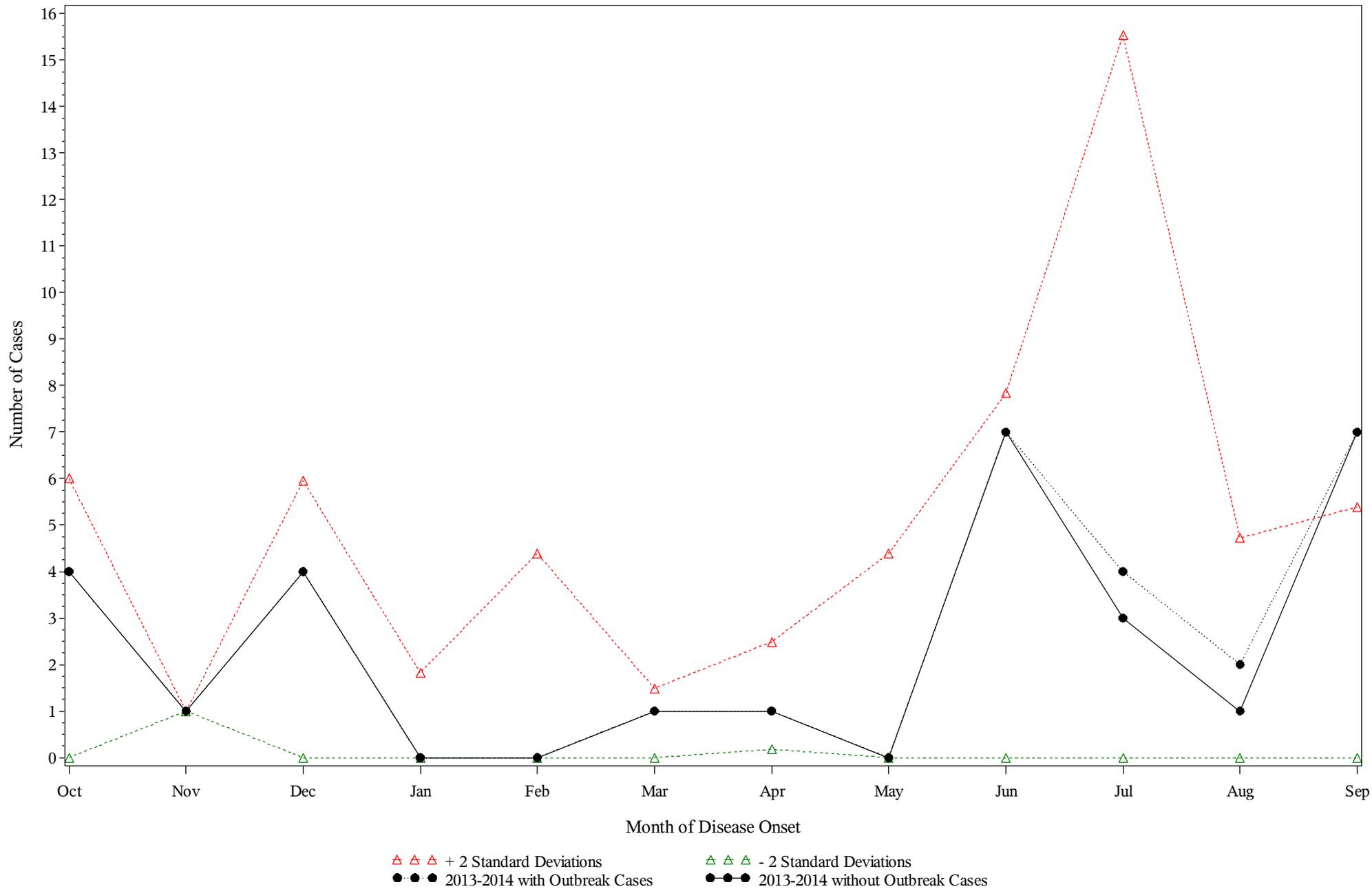


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southwest Legionellosis



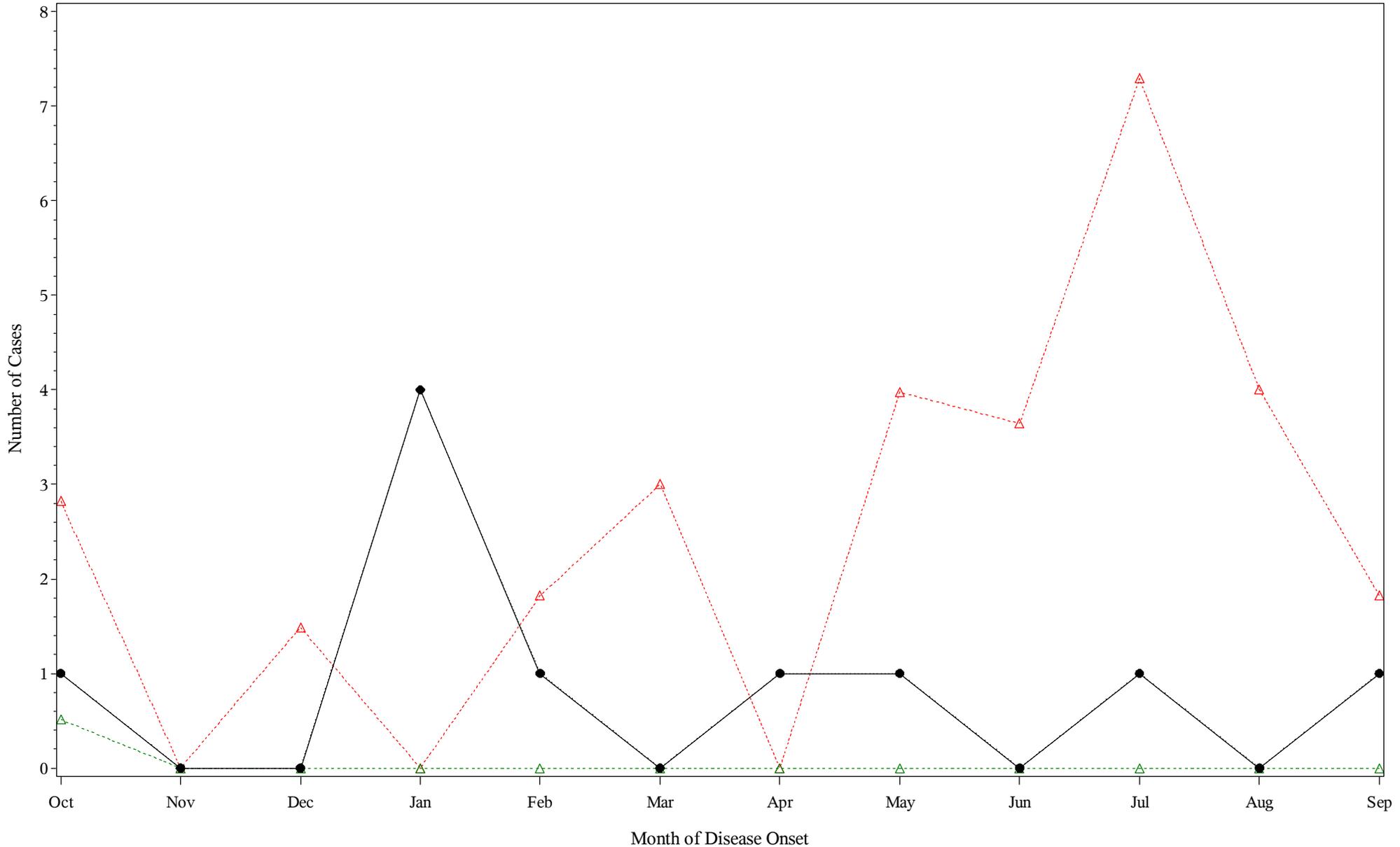
Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013

Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southwest Bacterial Meningitis

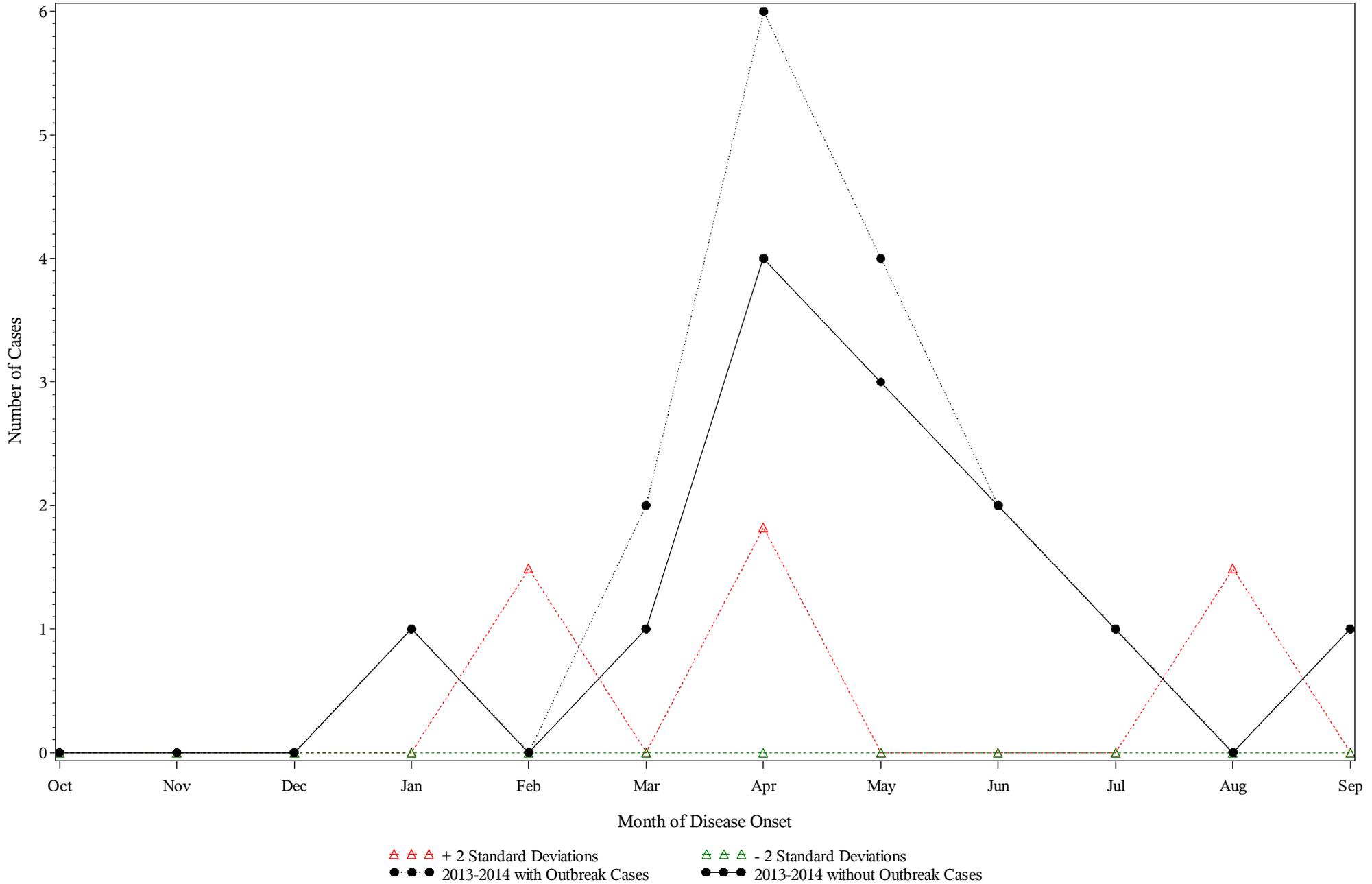


△ △ △ + 2 Standard Deviations     
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southwest Mumps

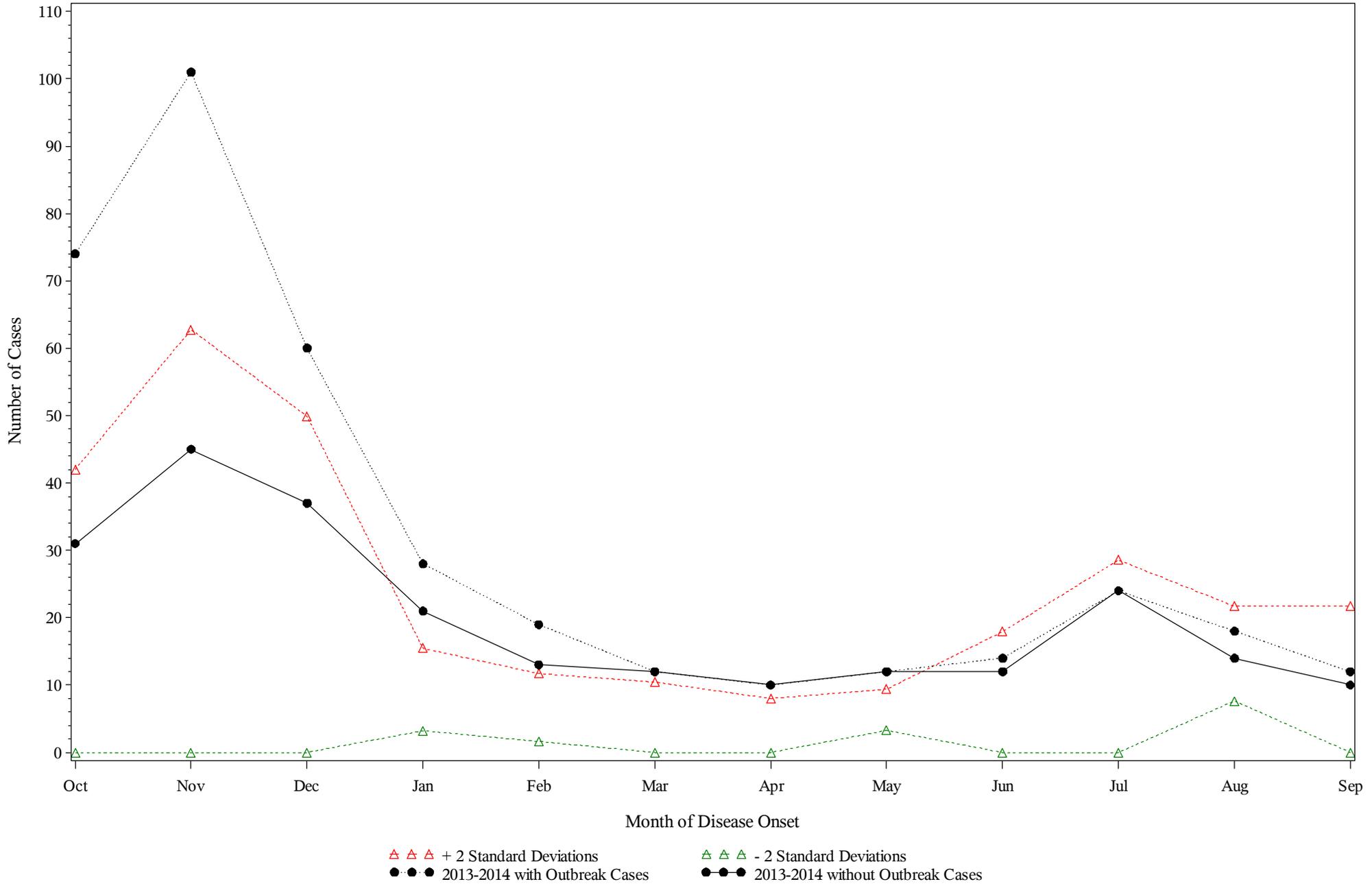


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southwest      Pertussis

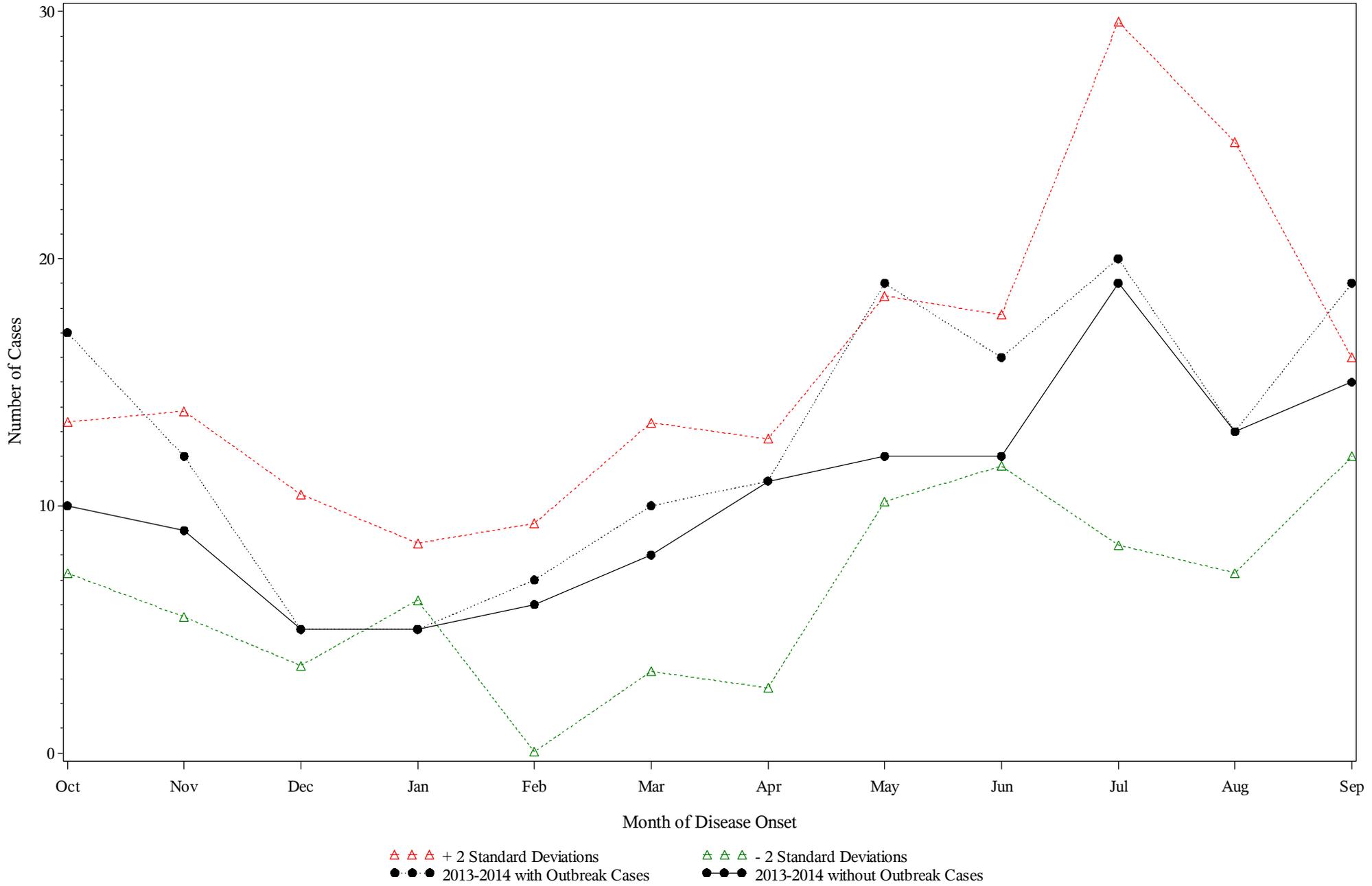


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

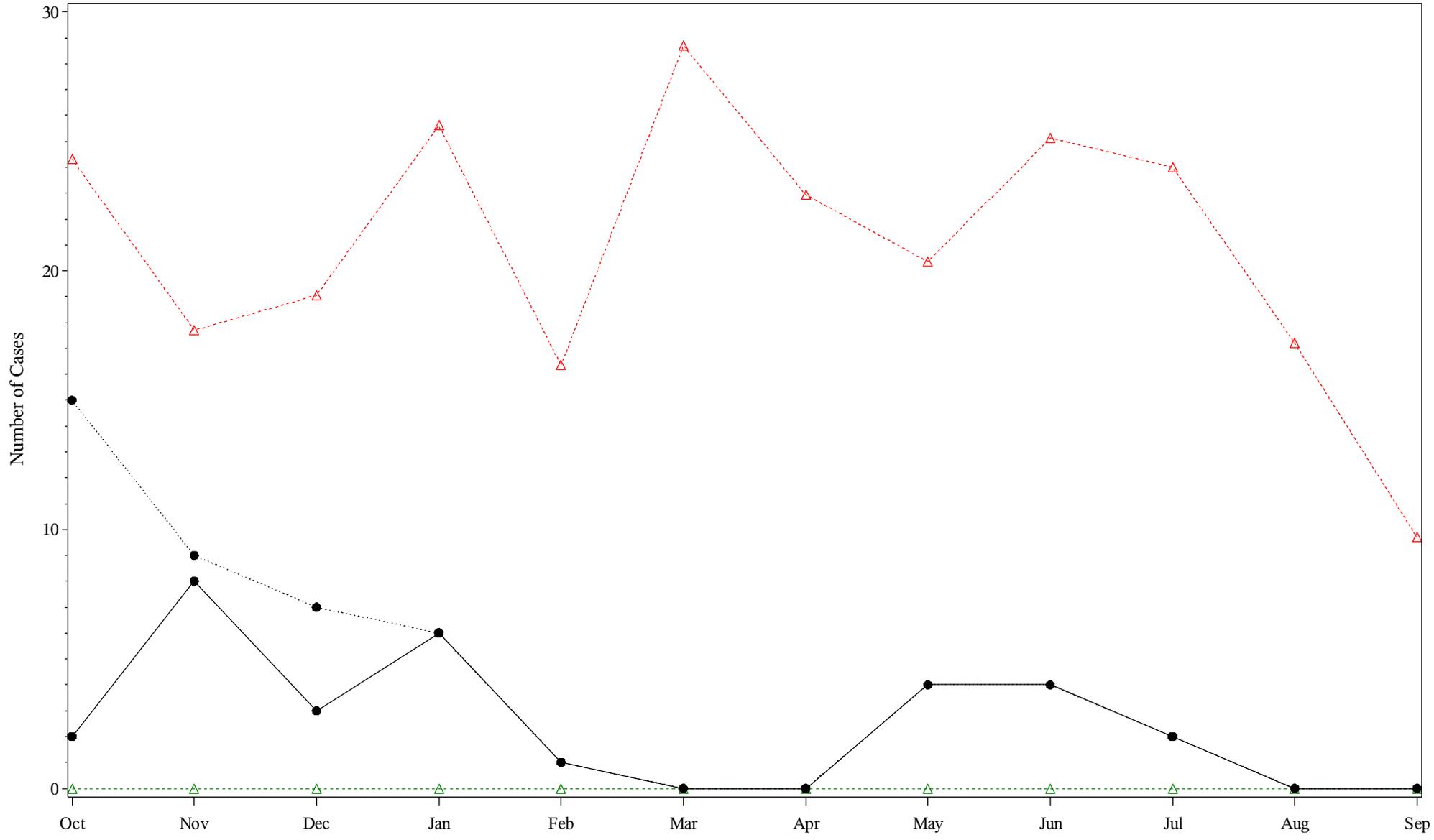
## Southwest Salmonellosis



Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southwest Shigellosis

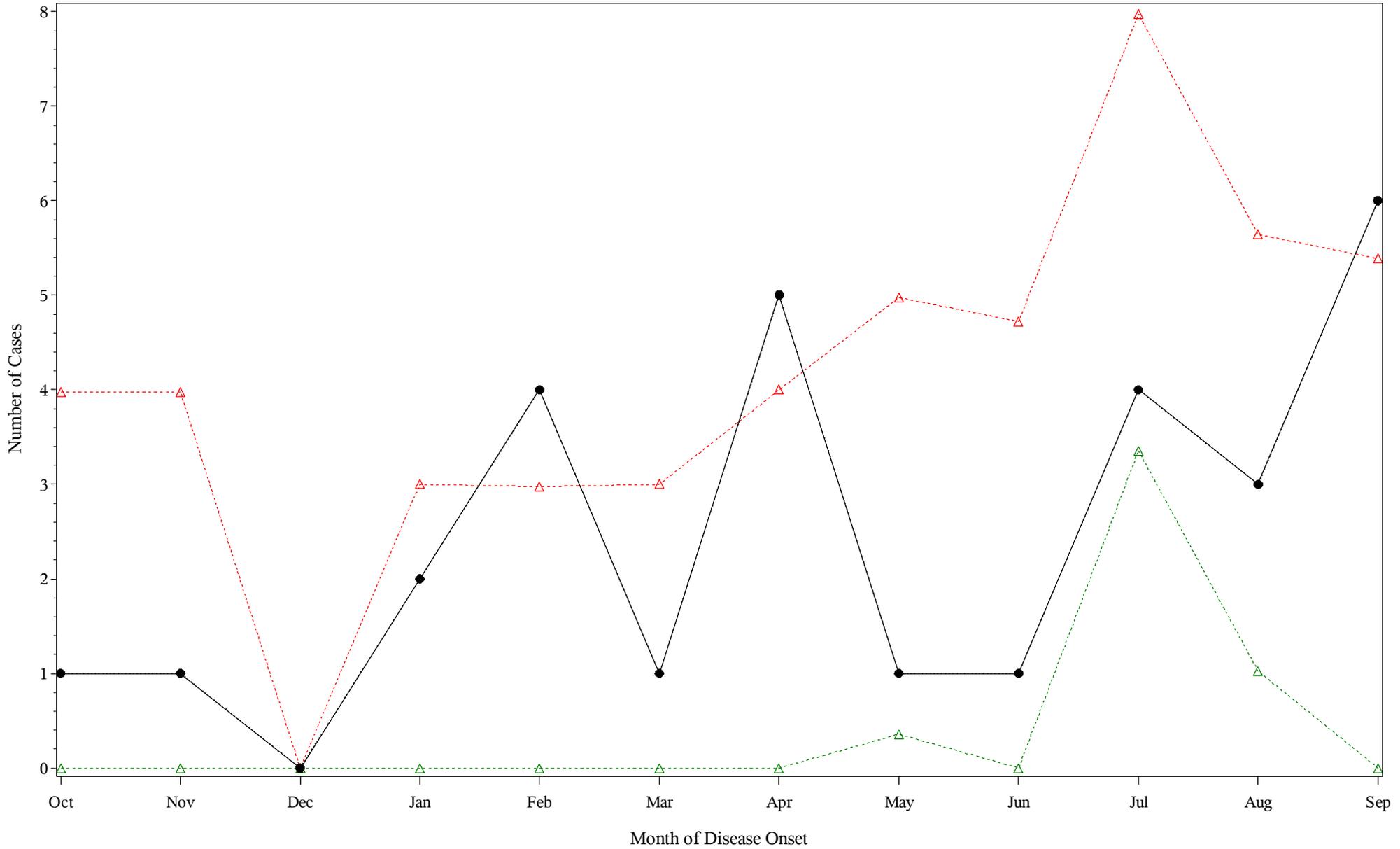


△ △ △ + 2 Standard Deviations     
 △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases     
 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Southwest Shiga Toxin-Producing Escherichia coli



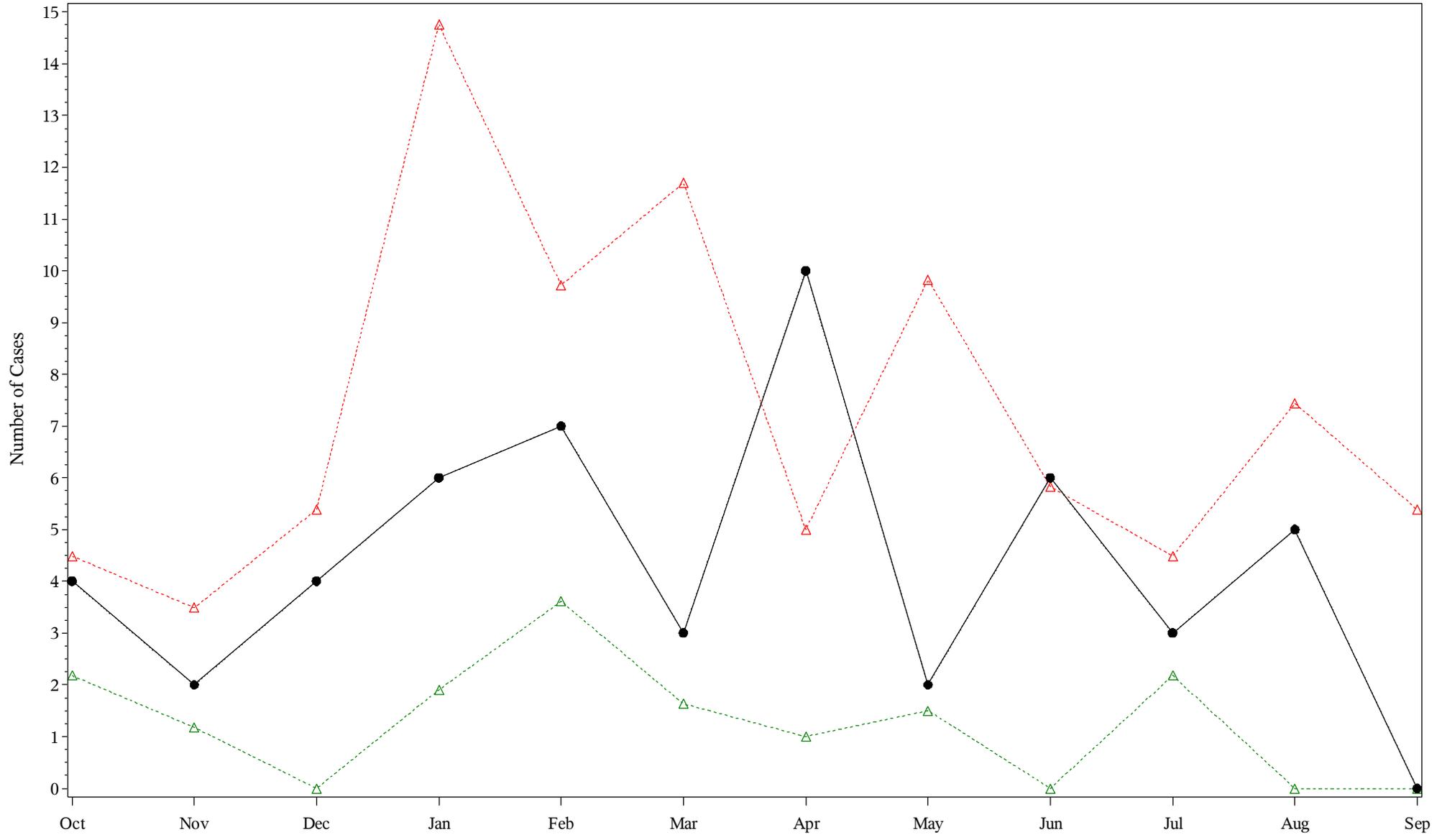
△ △ △ + 2 Standard Deviations     
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southwest Streptococcal Disease, Group A, Invasive

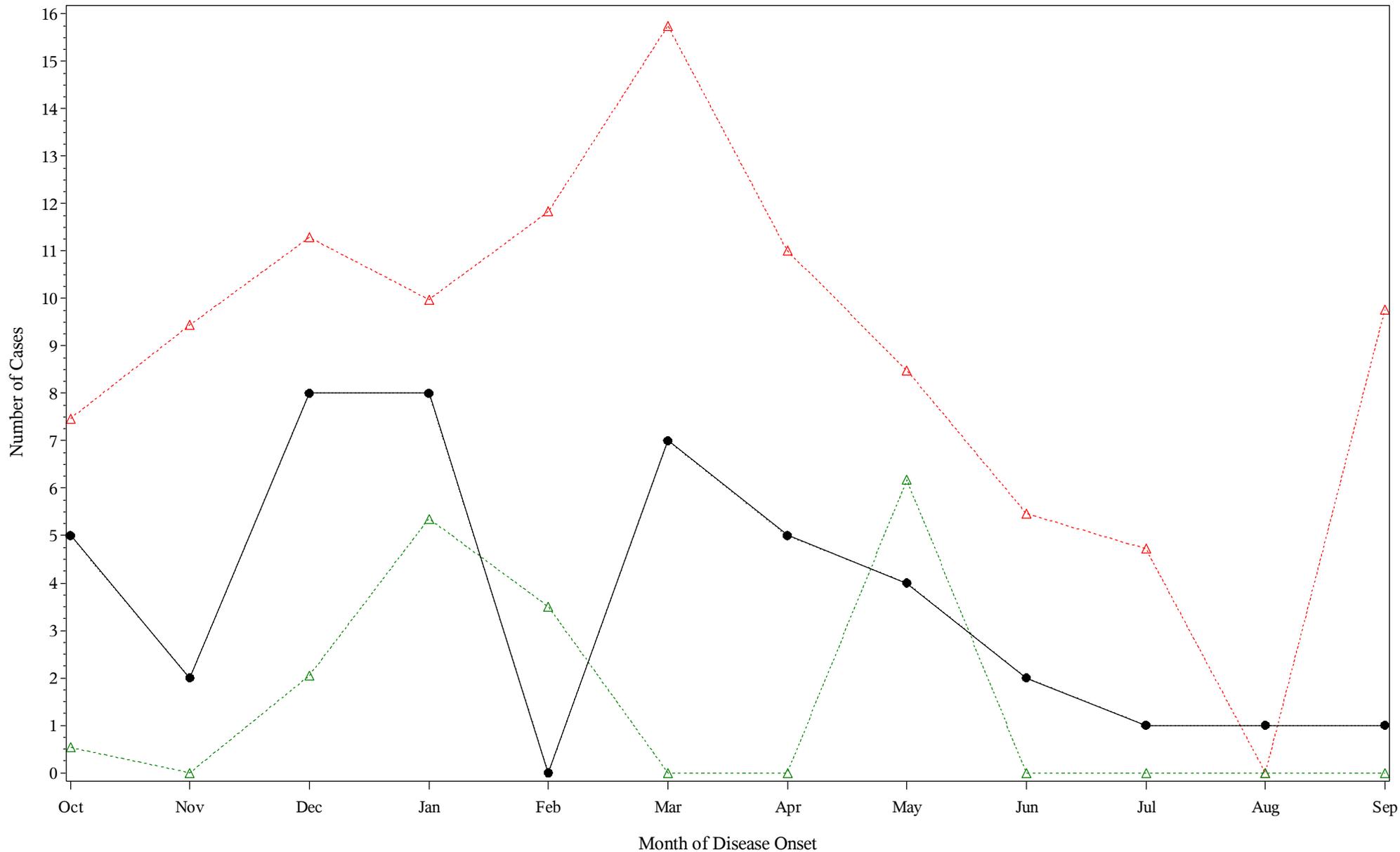


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southwest      Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate



△ △ △ + 2 Standard Deviations

△ △ △ - 2 Standard Deviations

● ● ● 2013-2014 with Outbreak Cases

● ● ● 2013-2014 without Outbreak Cases

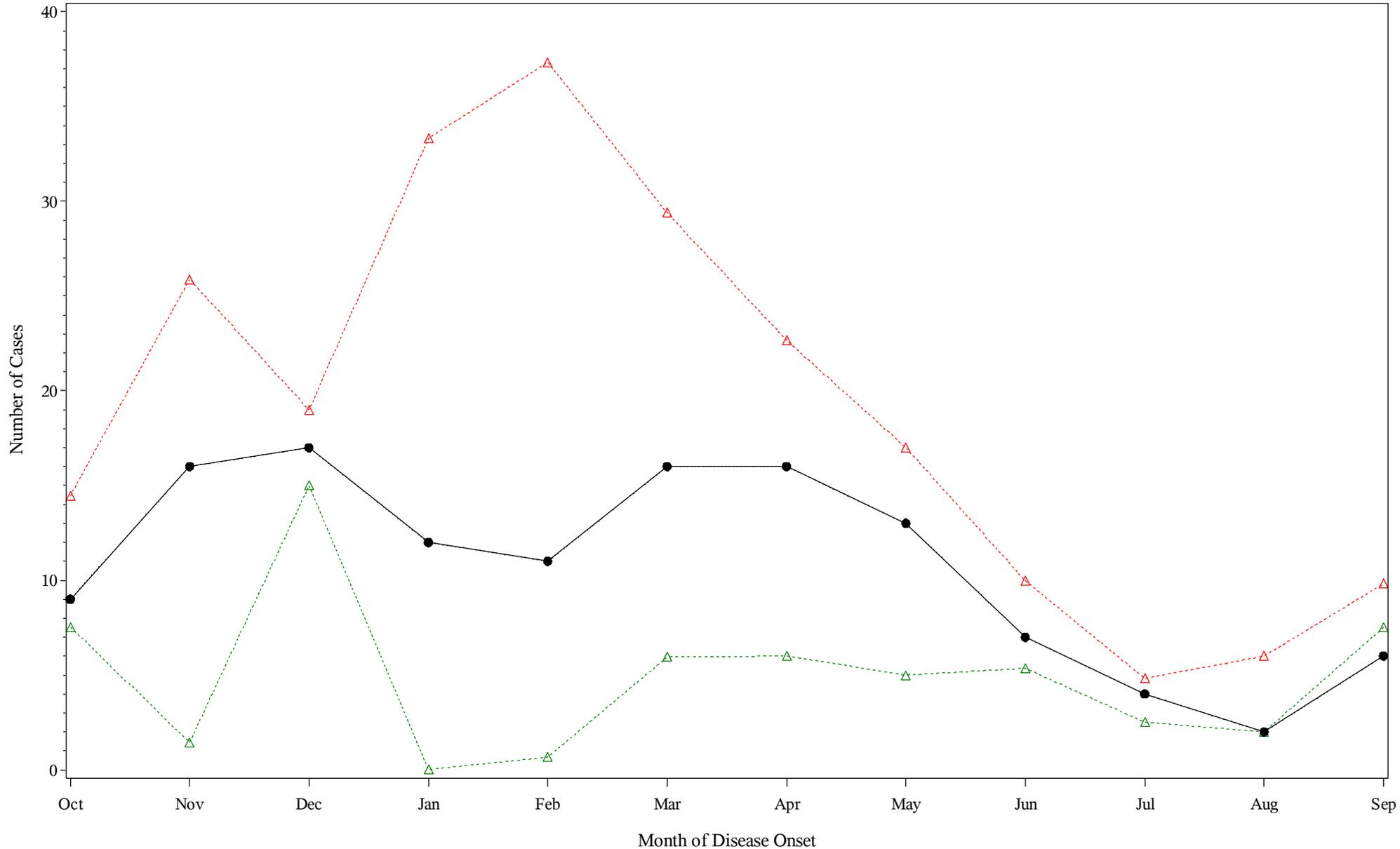
Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013

Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southwest      Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown

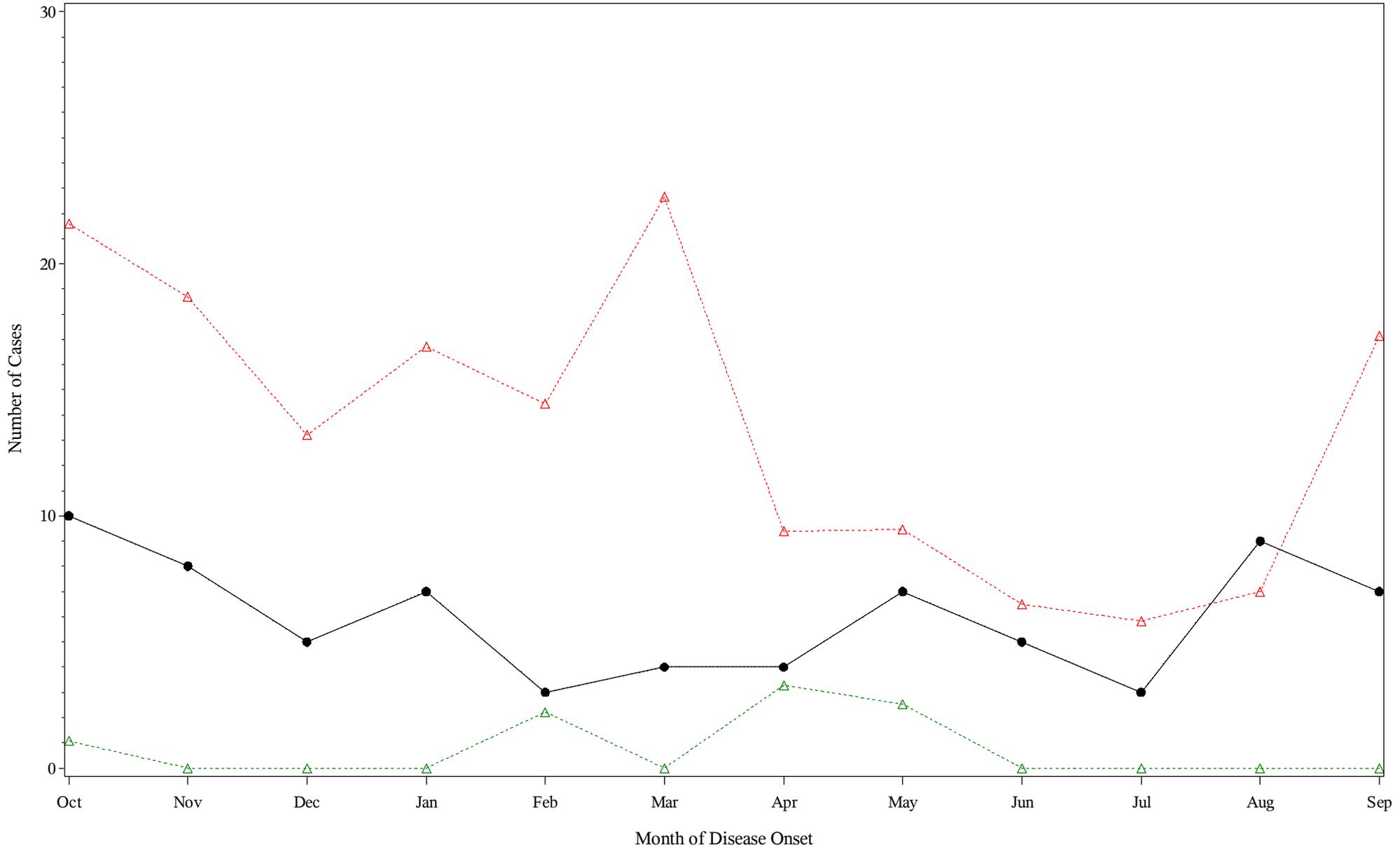


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

Southwest Varicella

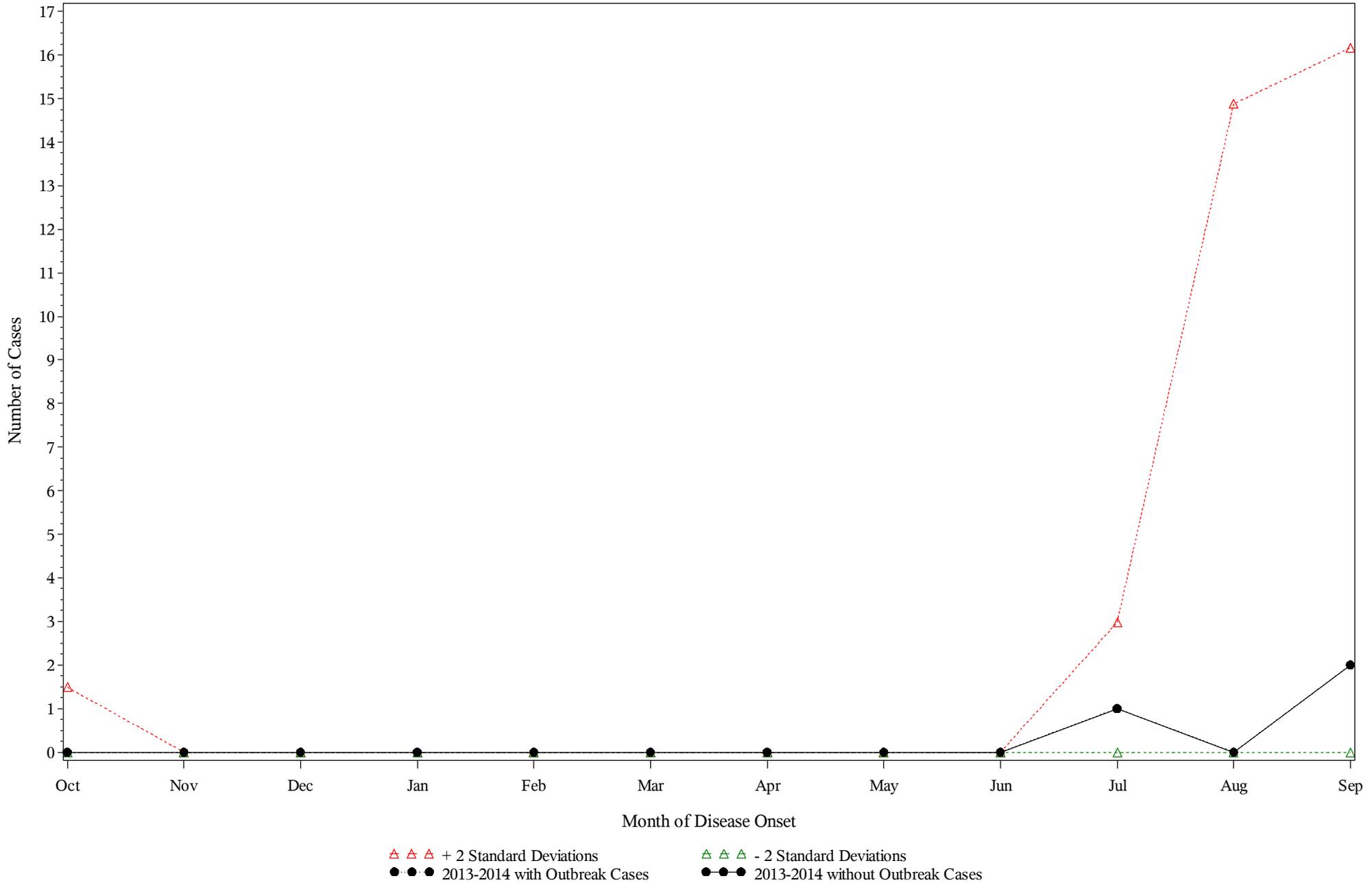


△ △ △ + 2 Standard Deviations     
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● ● ● 2013-2014 with Outbreak Cases     
 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## Southwest West Nile Virus Disease

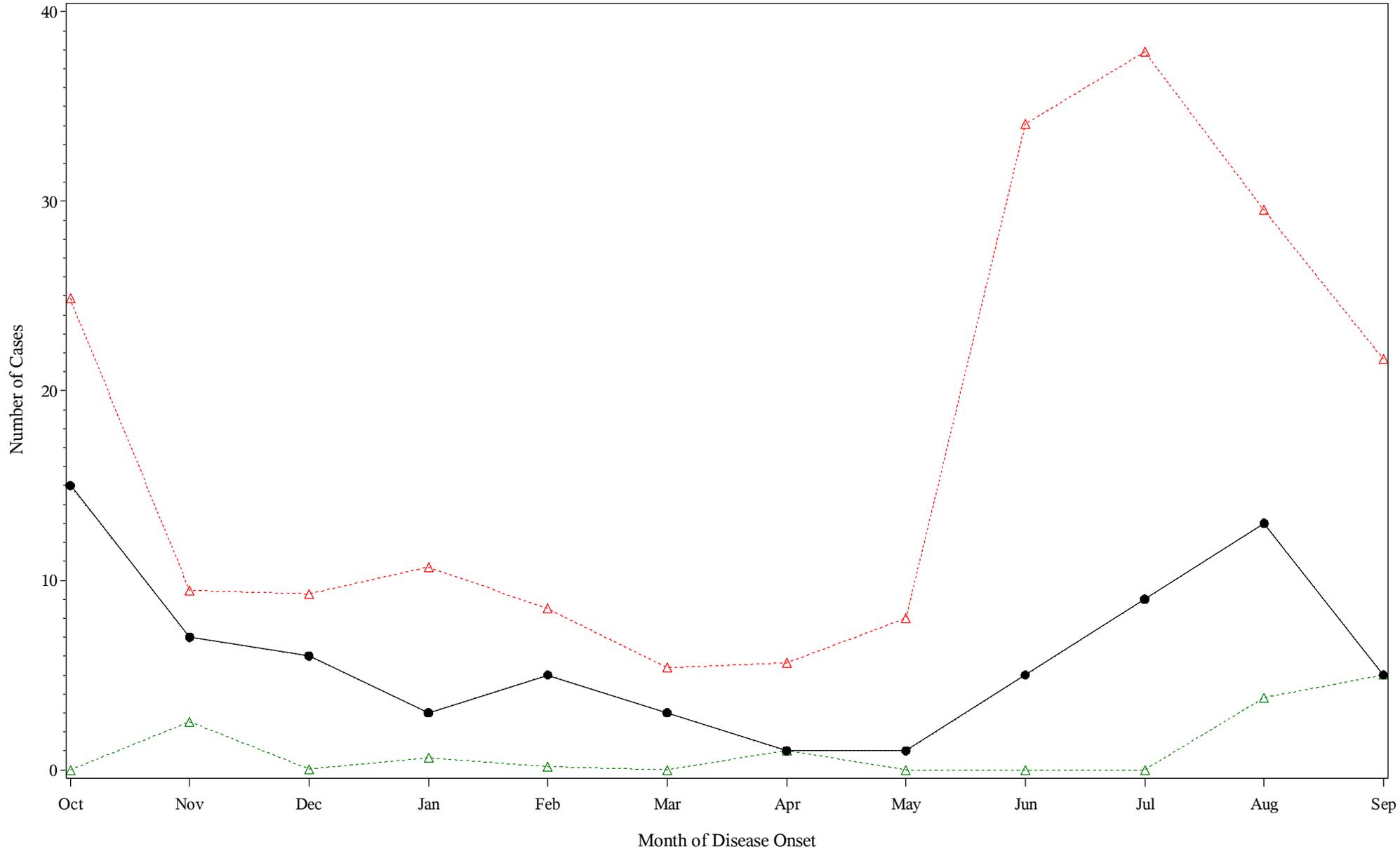


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## West Central      Aseptic Meningitis

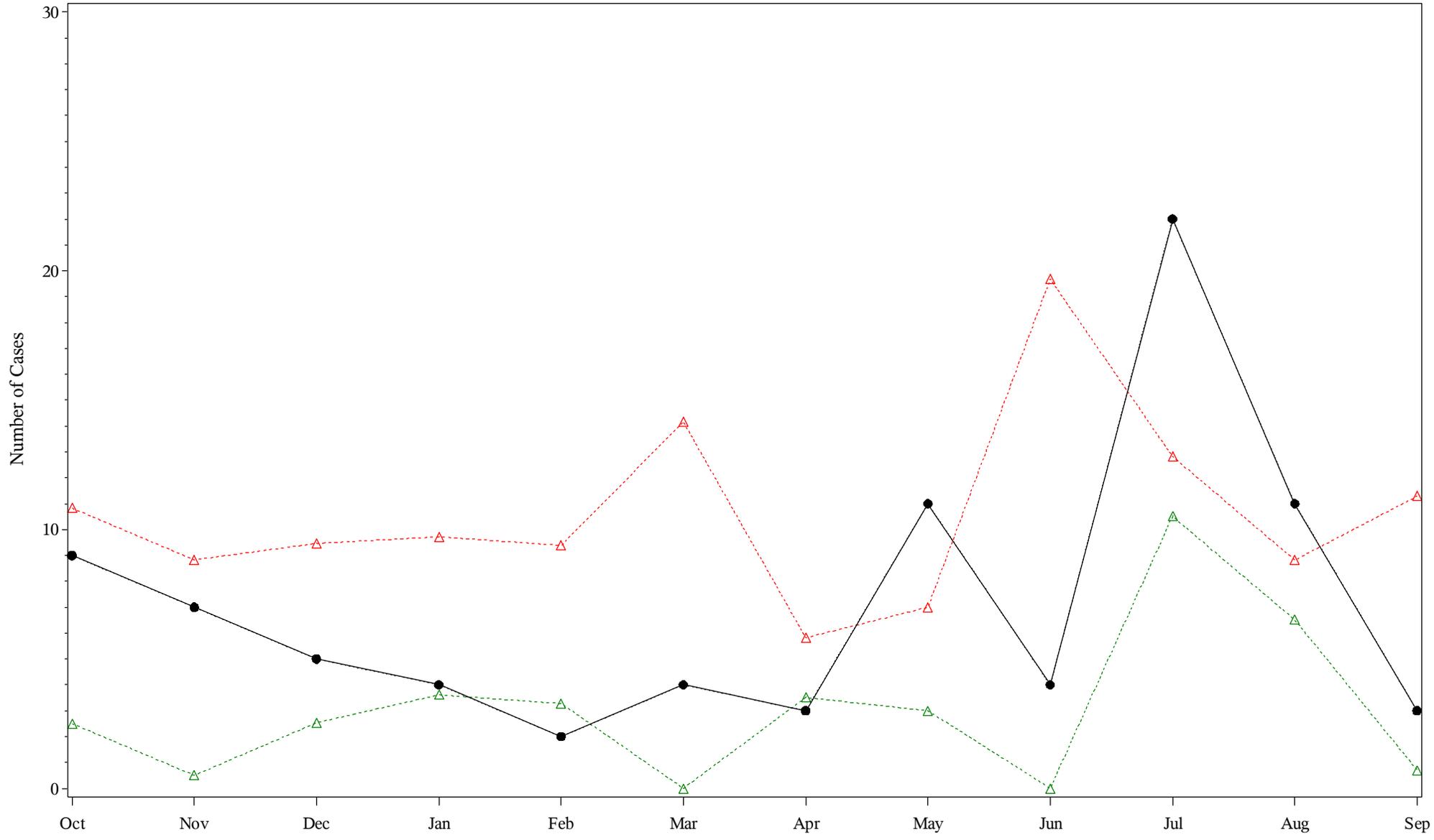


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## West Central      Campylobacteriosis

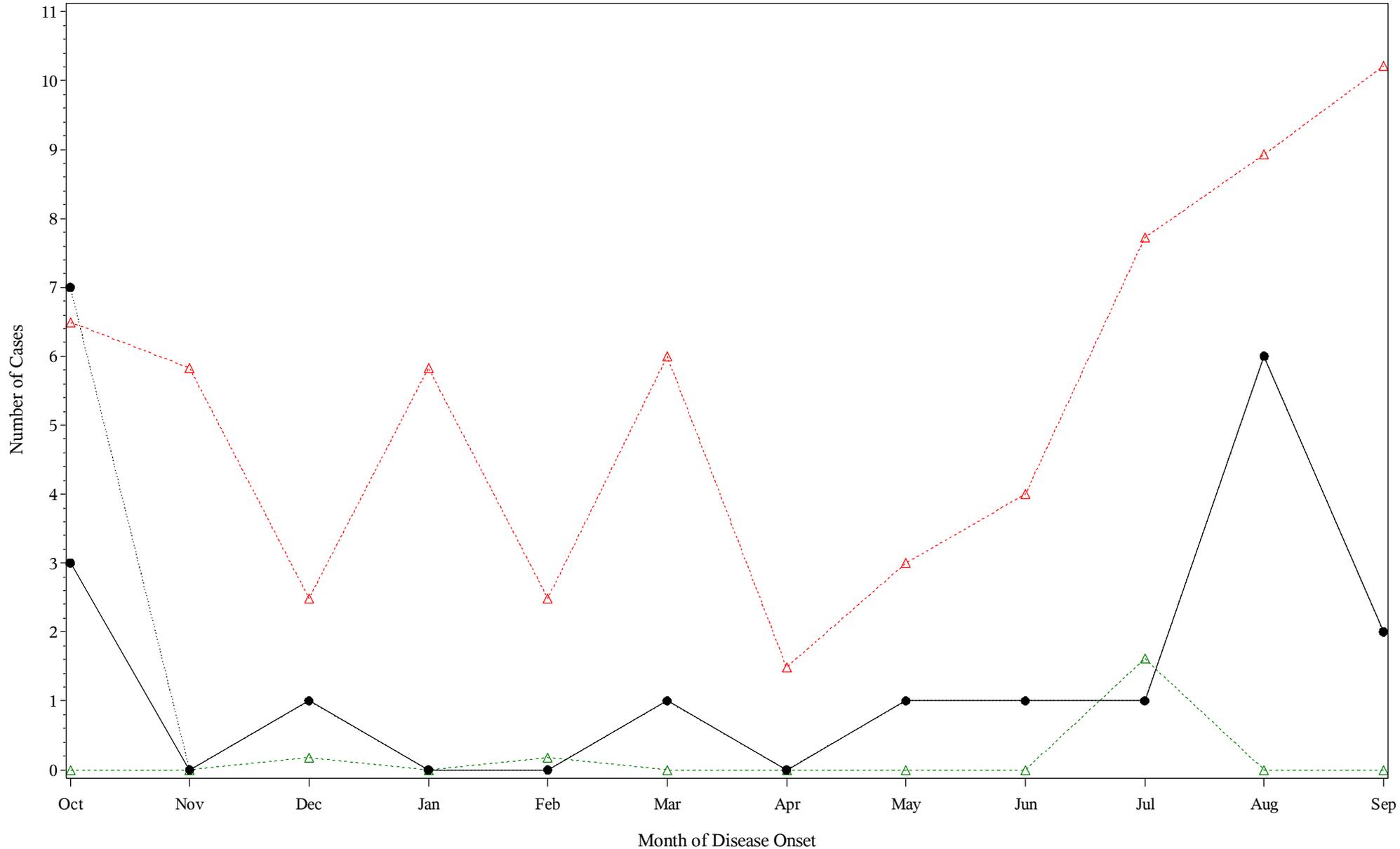


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## West Central      Cryptosporidiosis

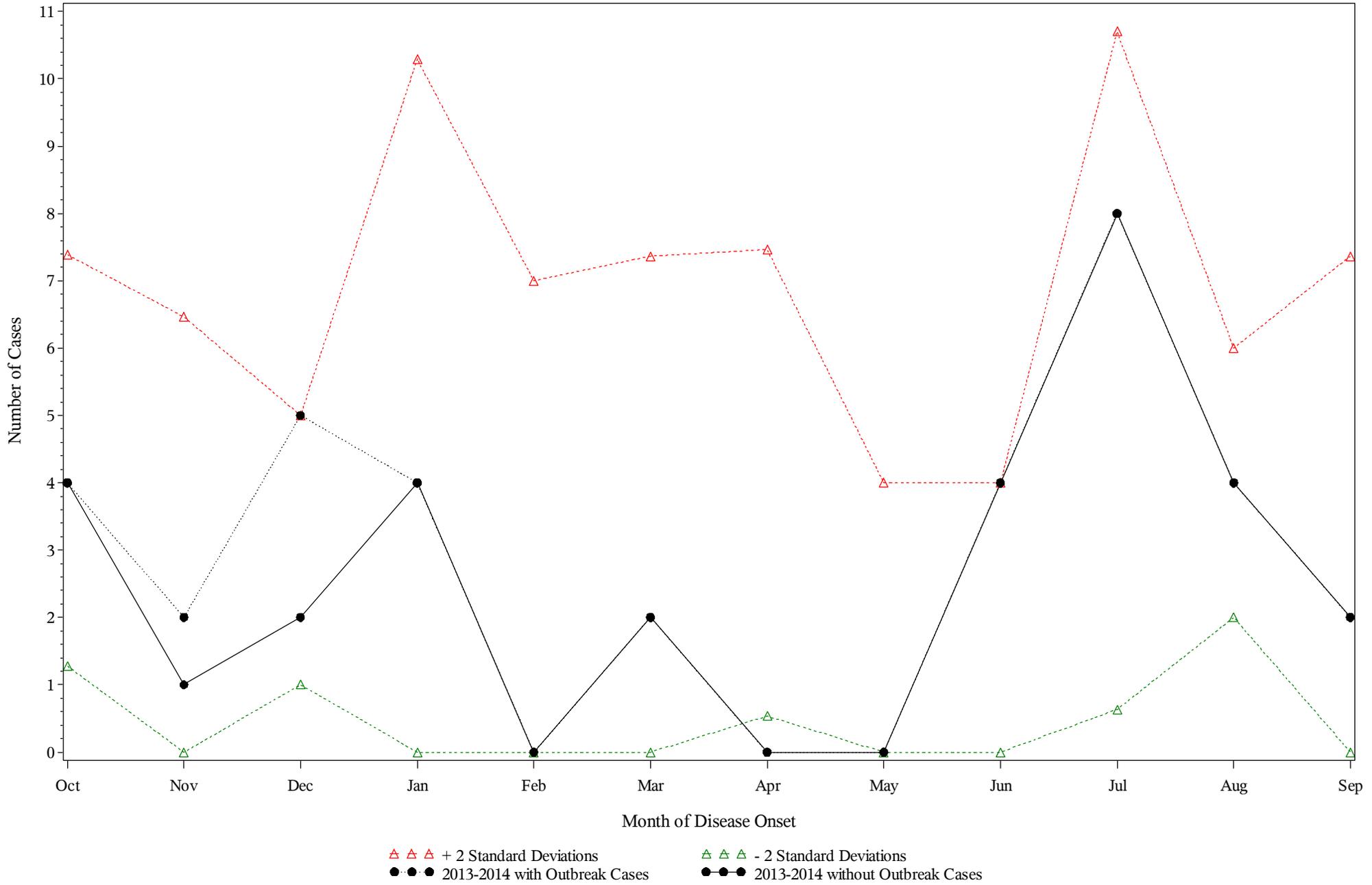


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## West Central      Giardiasis

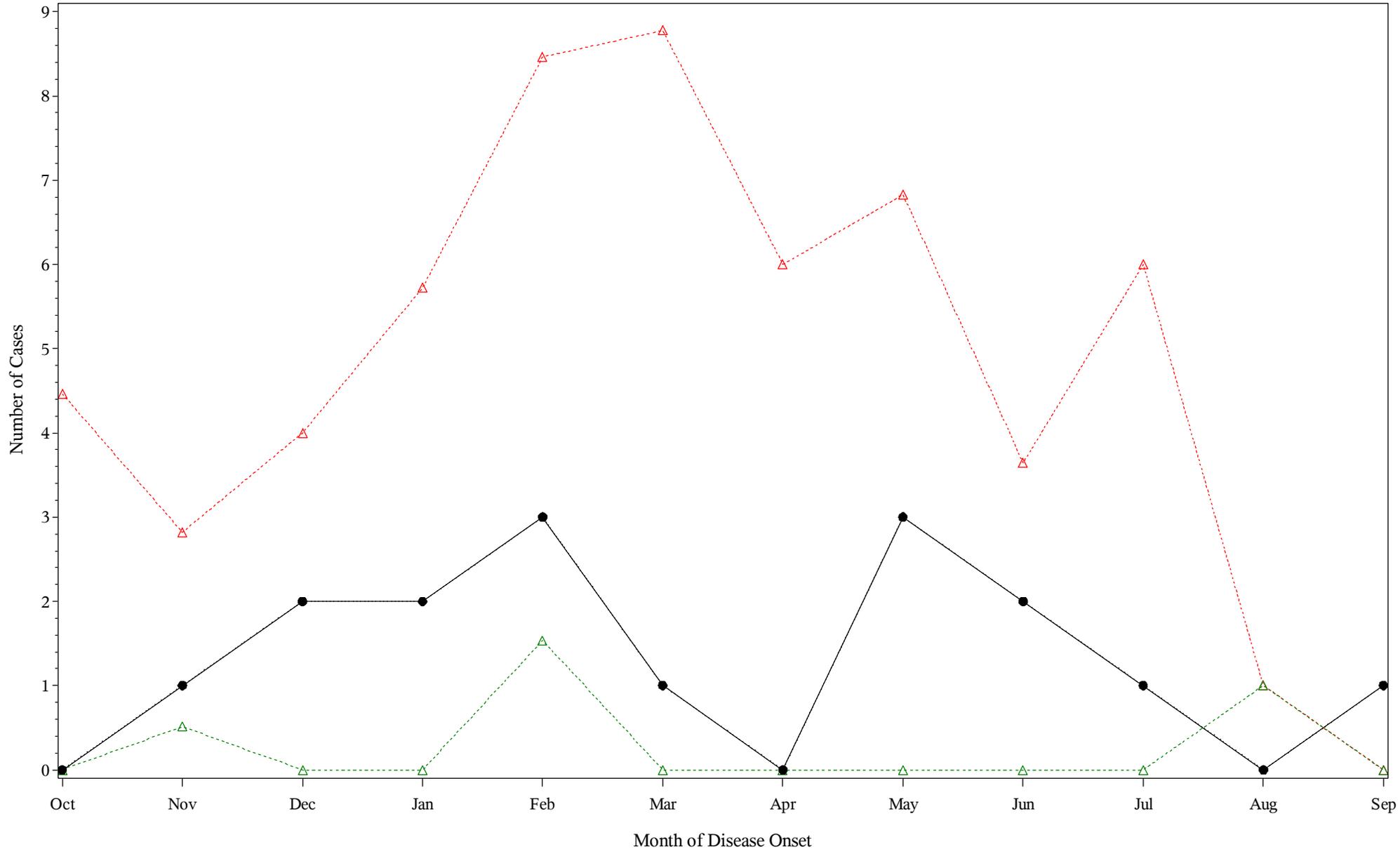


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## West Central      Haemophilus influenzae, Invasive

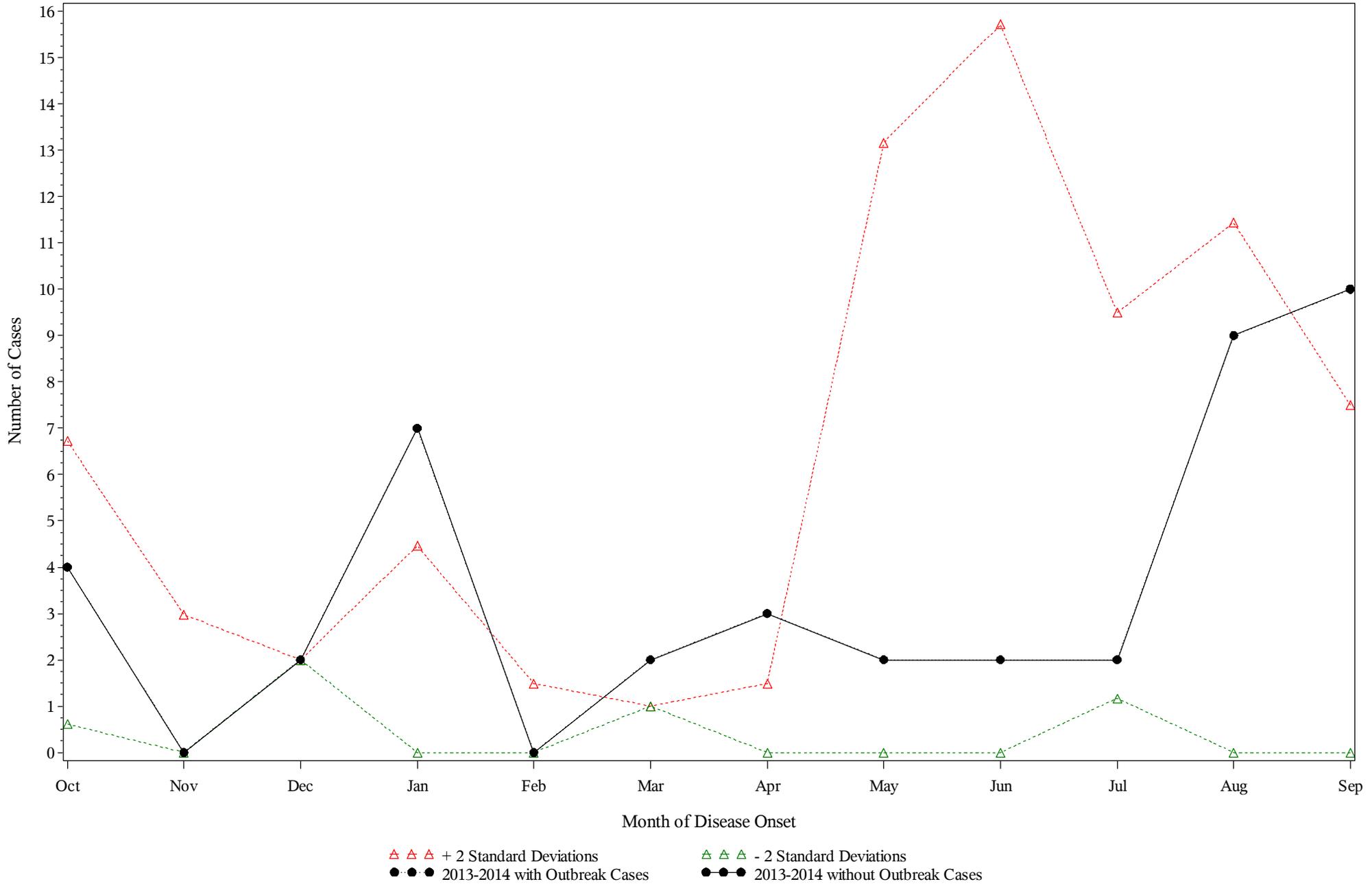


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● ● ● 2013-2014 with Outbreak Cases     
 ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## West Central Legionellosis

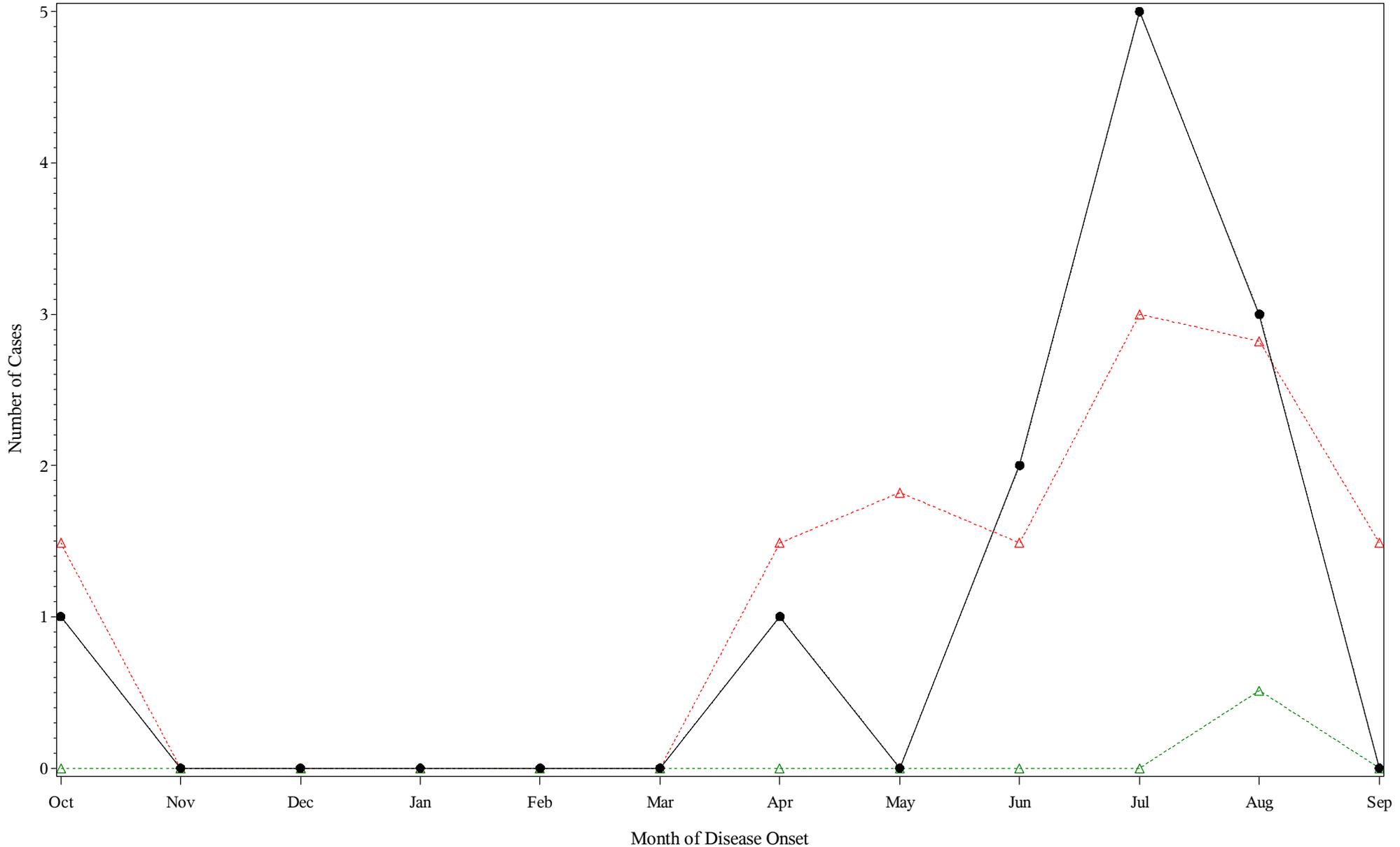


Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## West Central      Lyme Disease

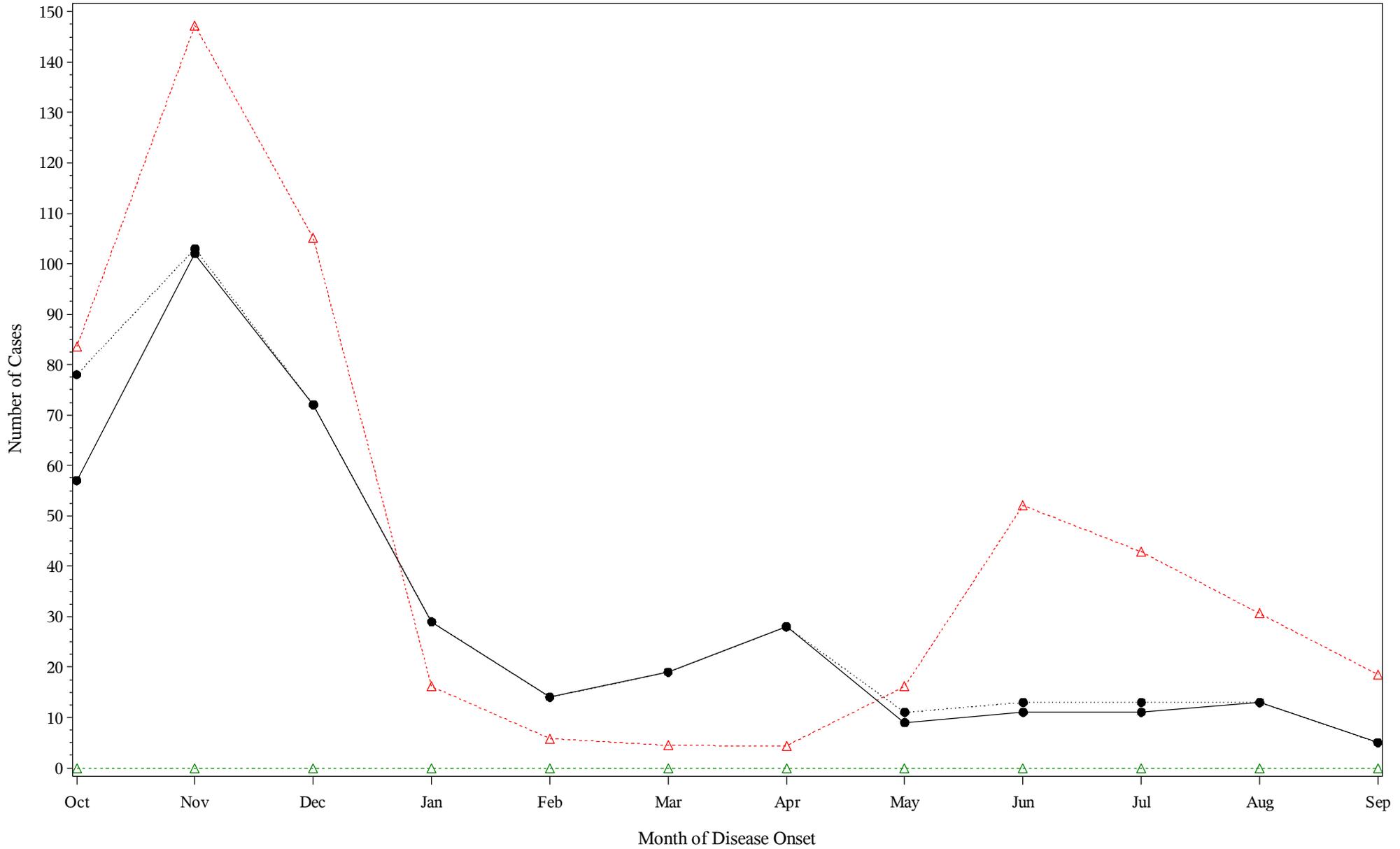


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2013-2014 with Outbreak Cases      ● ● ● 2013-2014 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## West Central      Pertussis



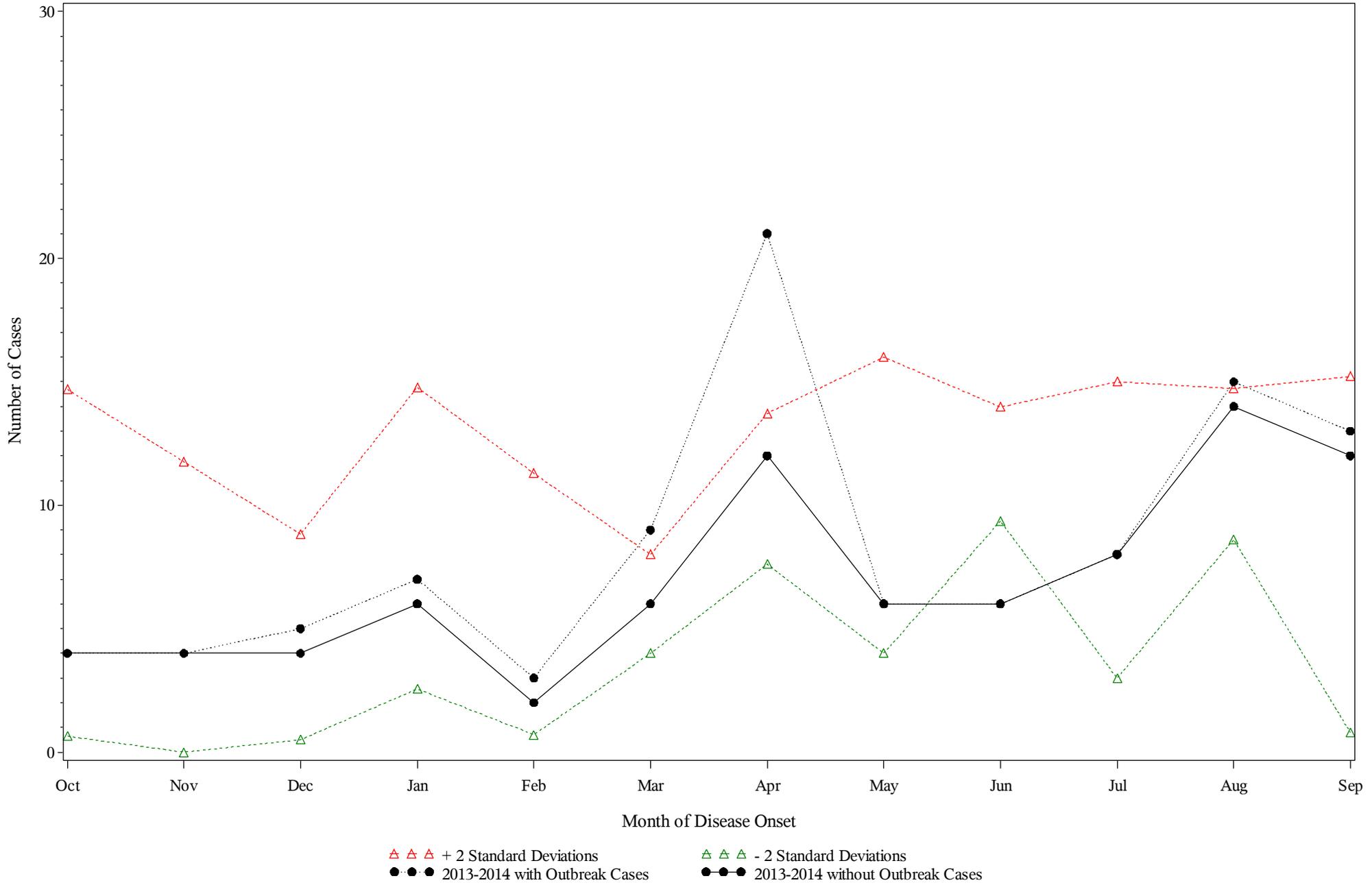
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

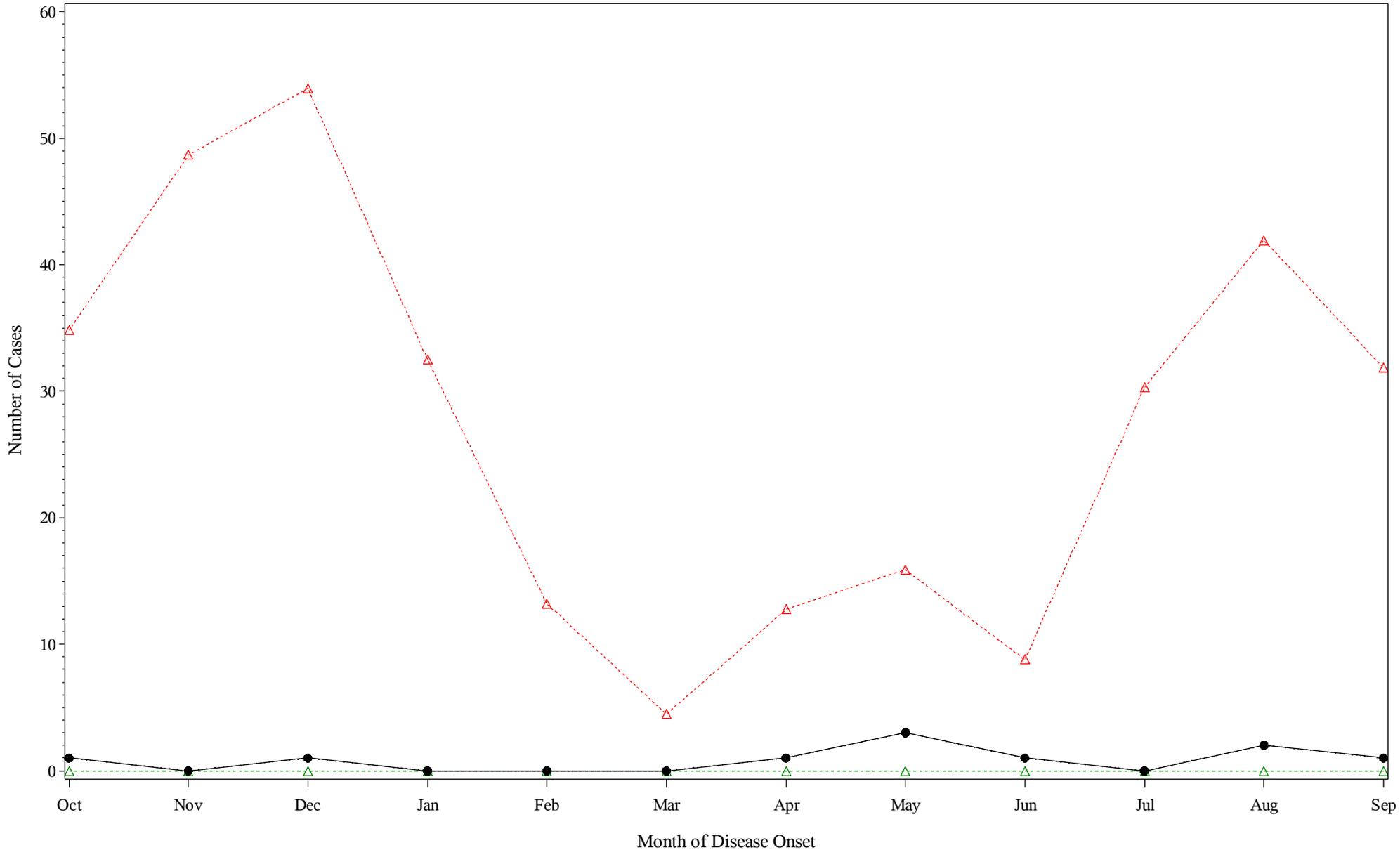
## West Central Salmonellosis



Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## West Central      Shigellosis

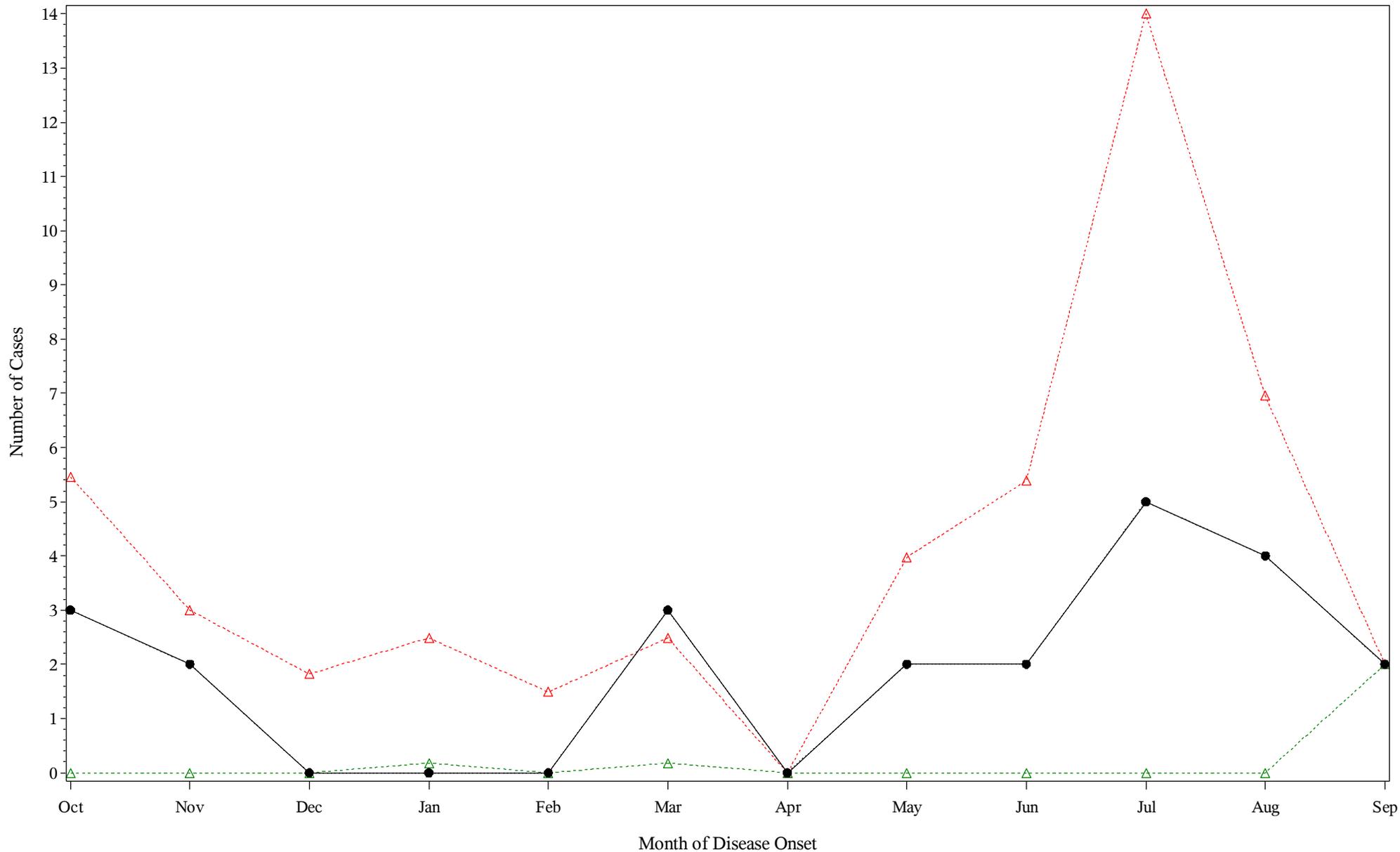


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013  
 Current as of 11/02/2014  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

West Central Shiga Toxin-Producing Escherichia coli



△ △ △ + 2 Standard Deviations

△ △ △ - 2 Standard Deviations

● ● ● 2013-2014 with Outbreak Cases

● ● ● 2013-2014 without Outbreak Cases

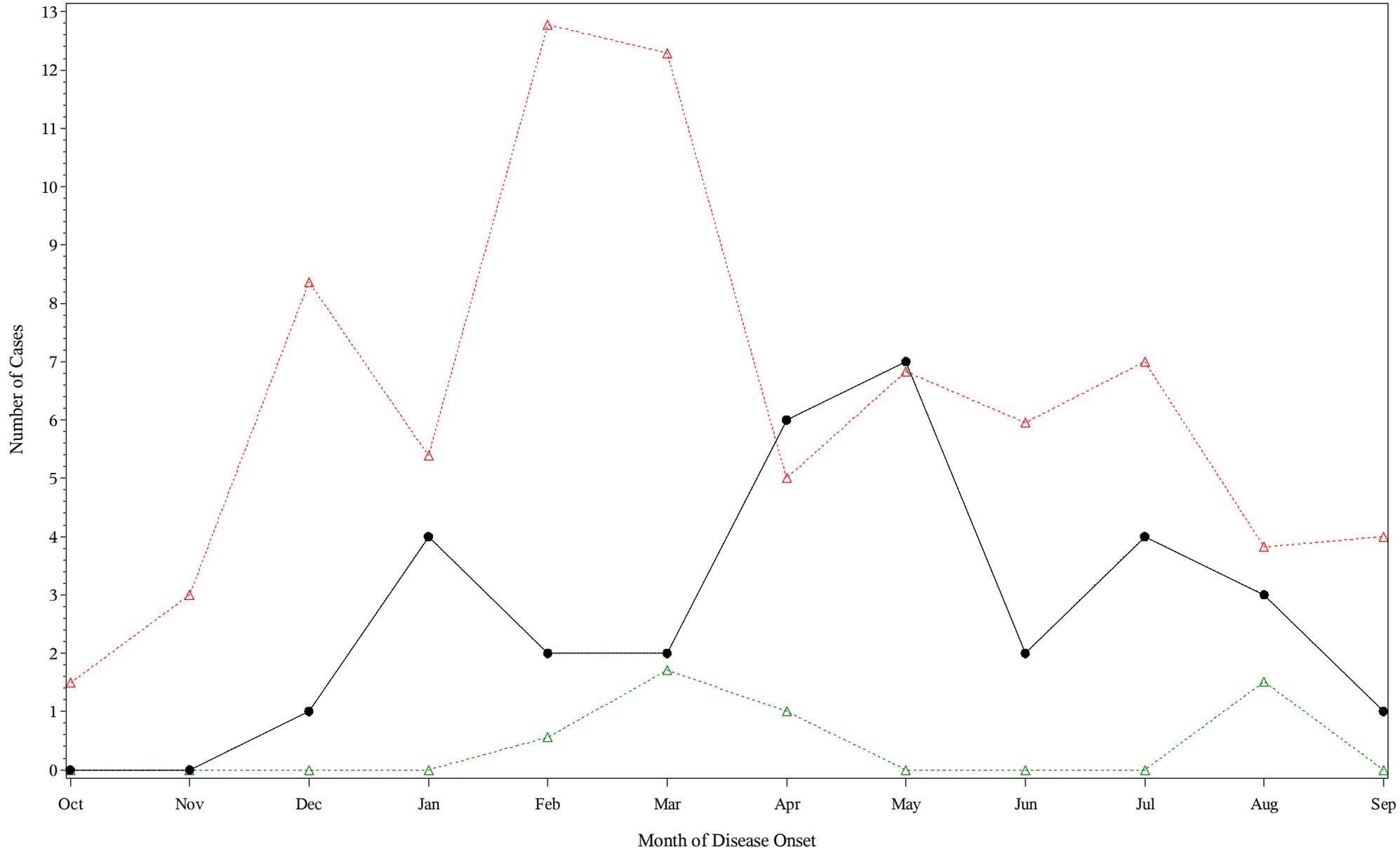
Baseline Trends are 2 Standard Deviations of Mean Counts from 2011-2013

Current as of 11/02/2014

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## West Central      Streptococcal Disease, Group A, Invasive

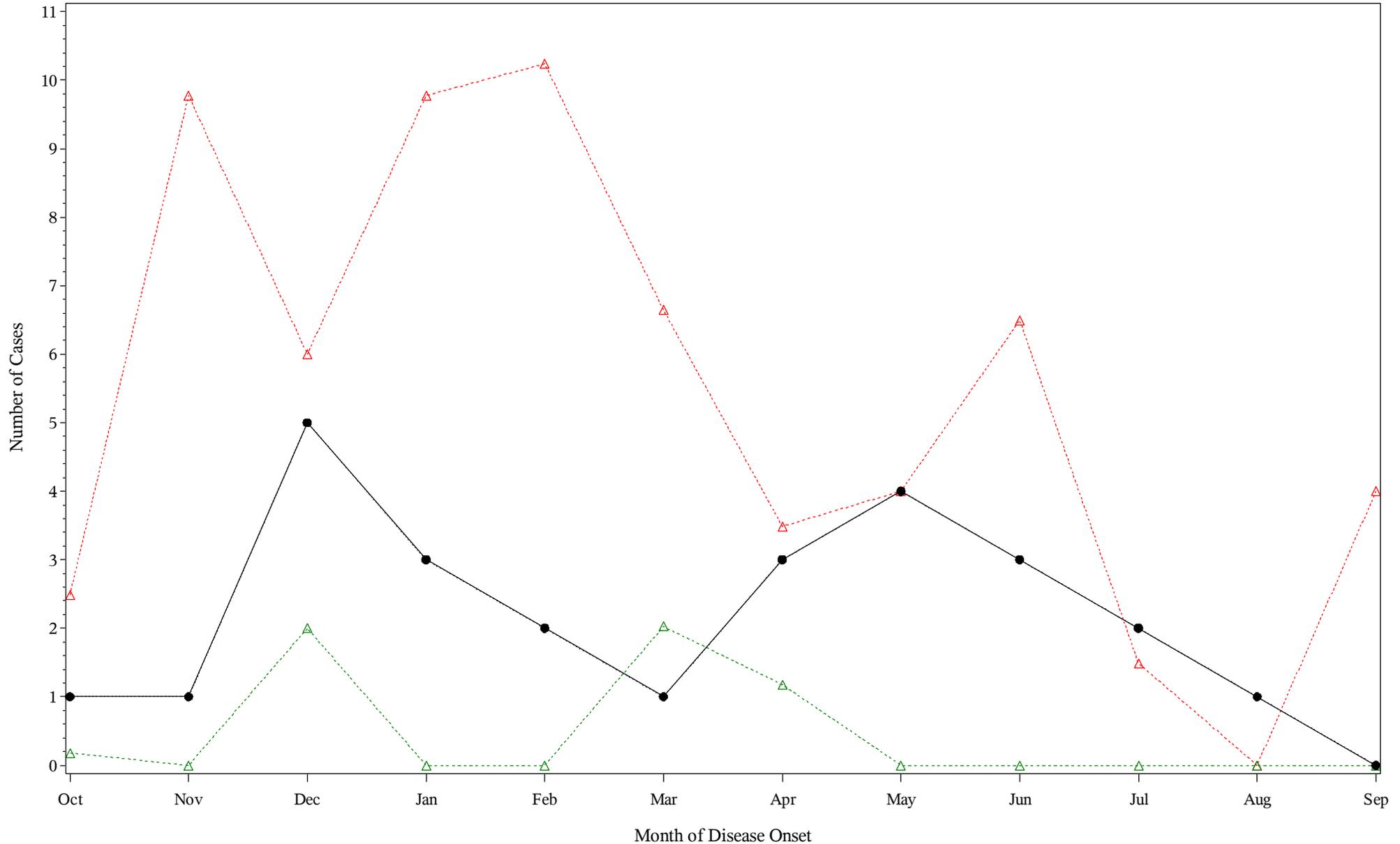


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 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## West Central      Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate

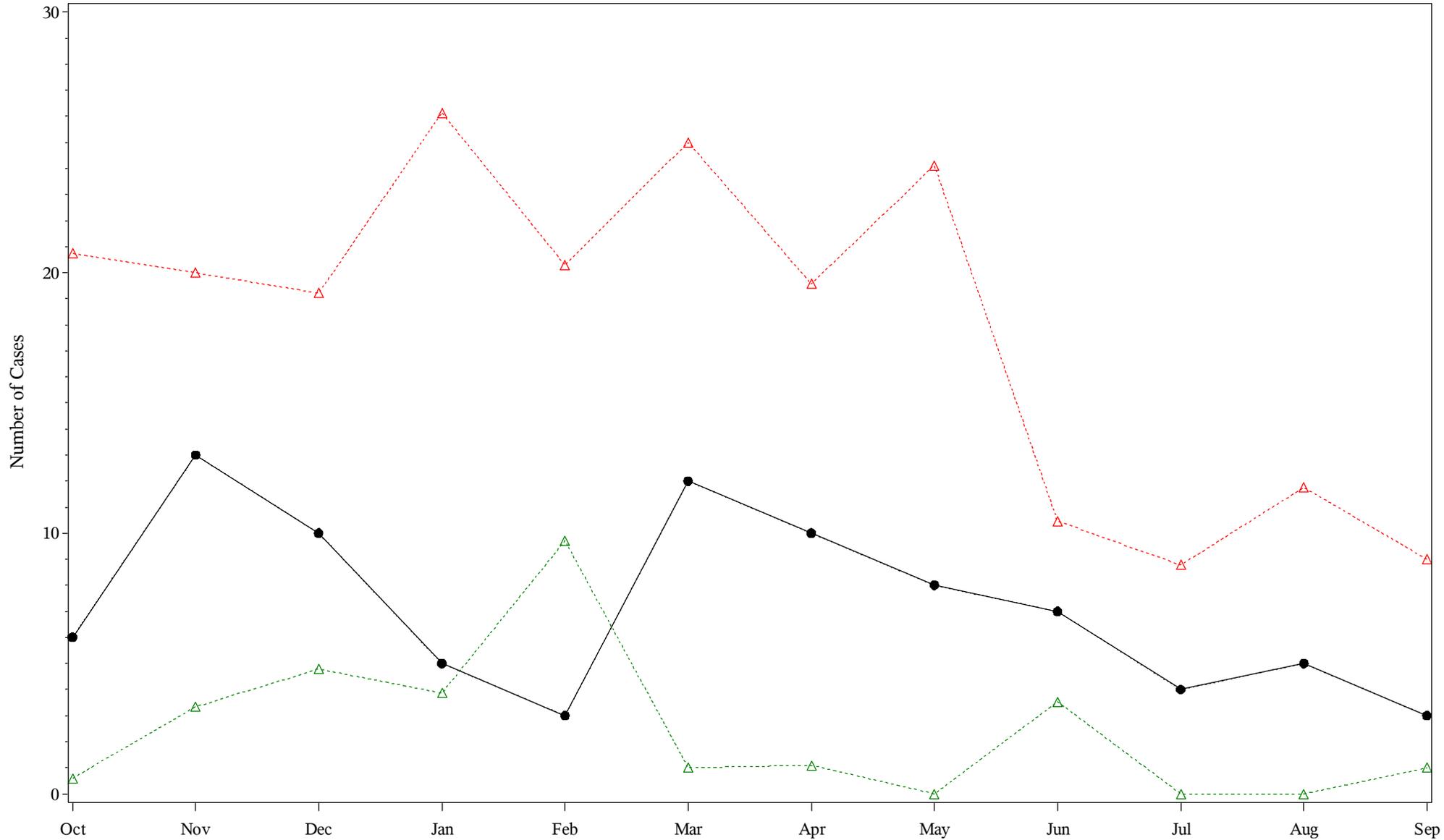


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 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## West Central      Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown

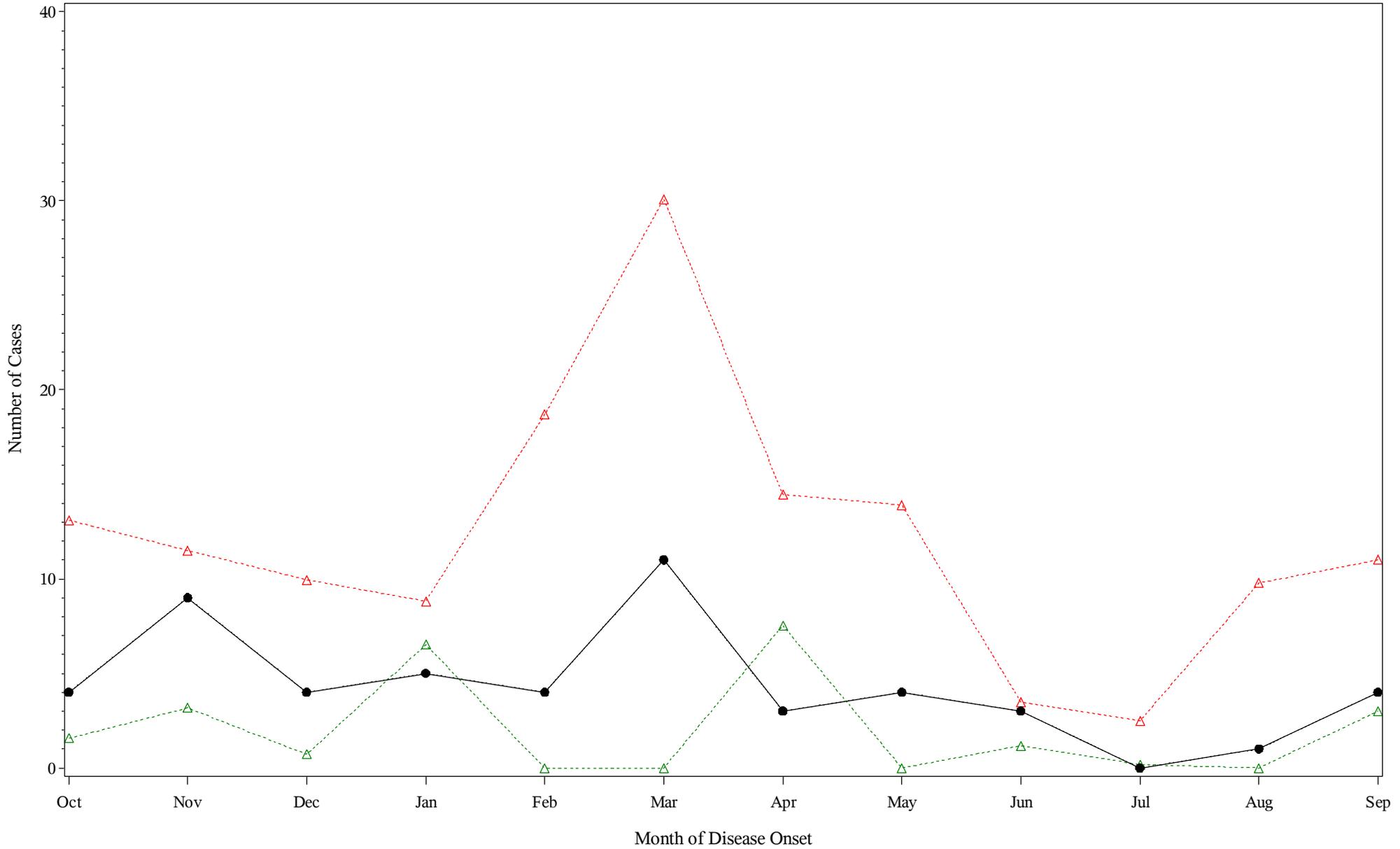


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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## West Central      Varicella



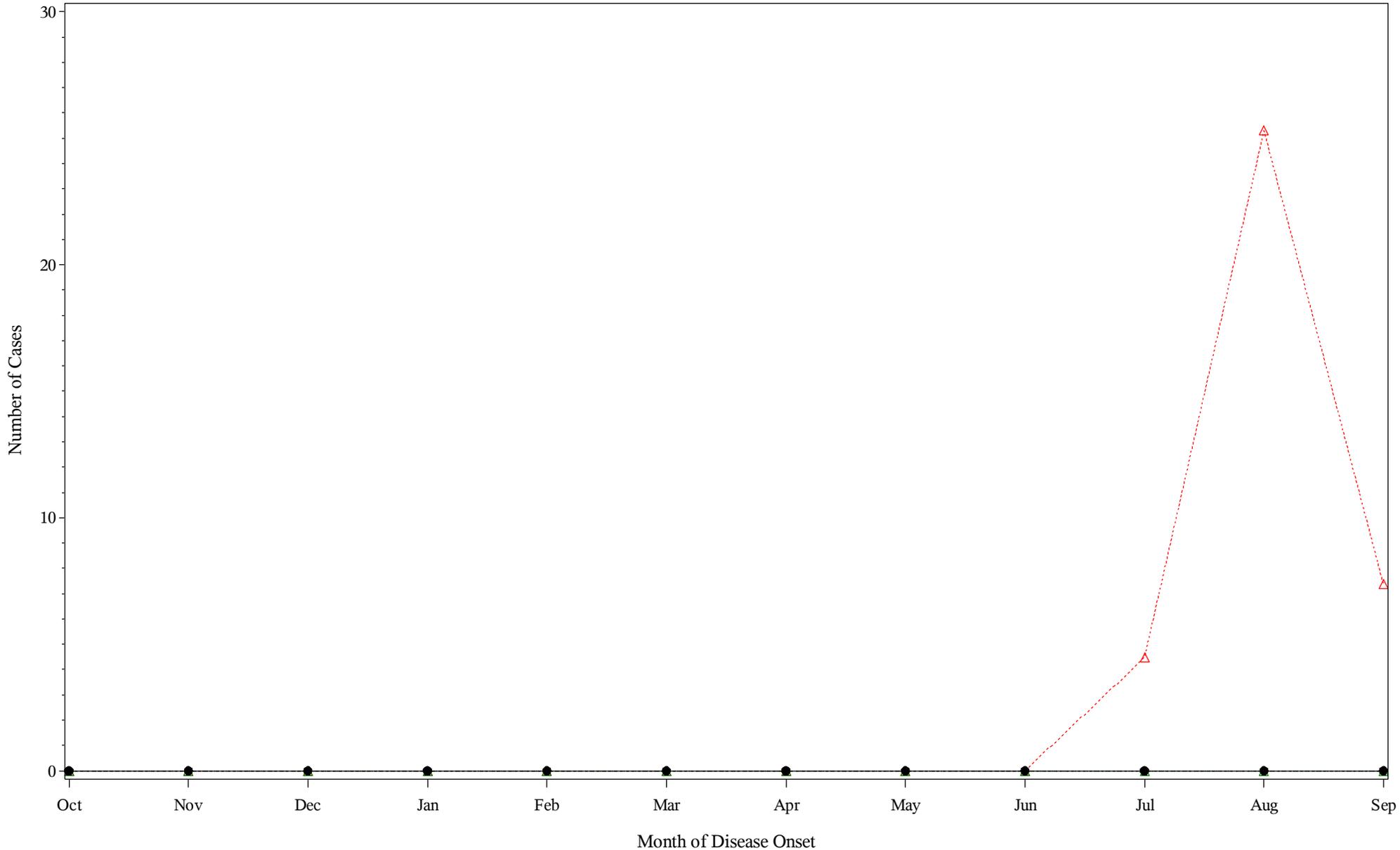
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2013-2014

## West Central      West Nile Virus Disease



△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
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