

## 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

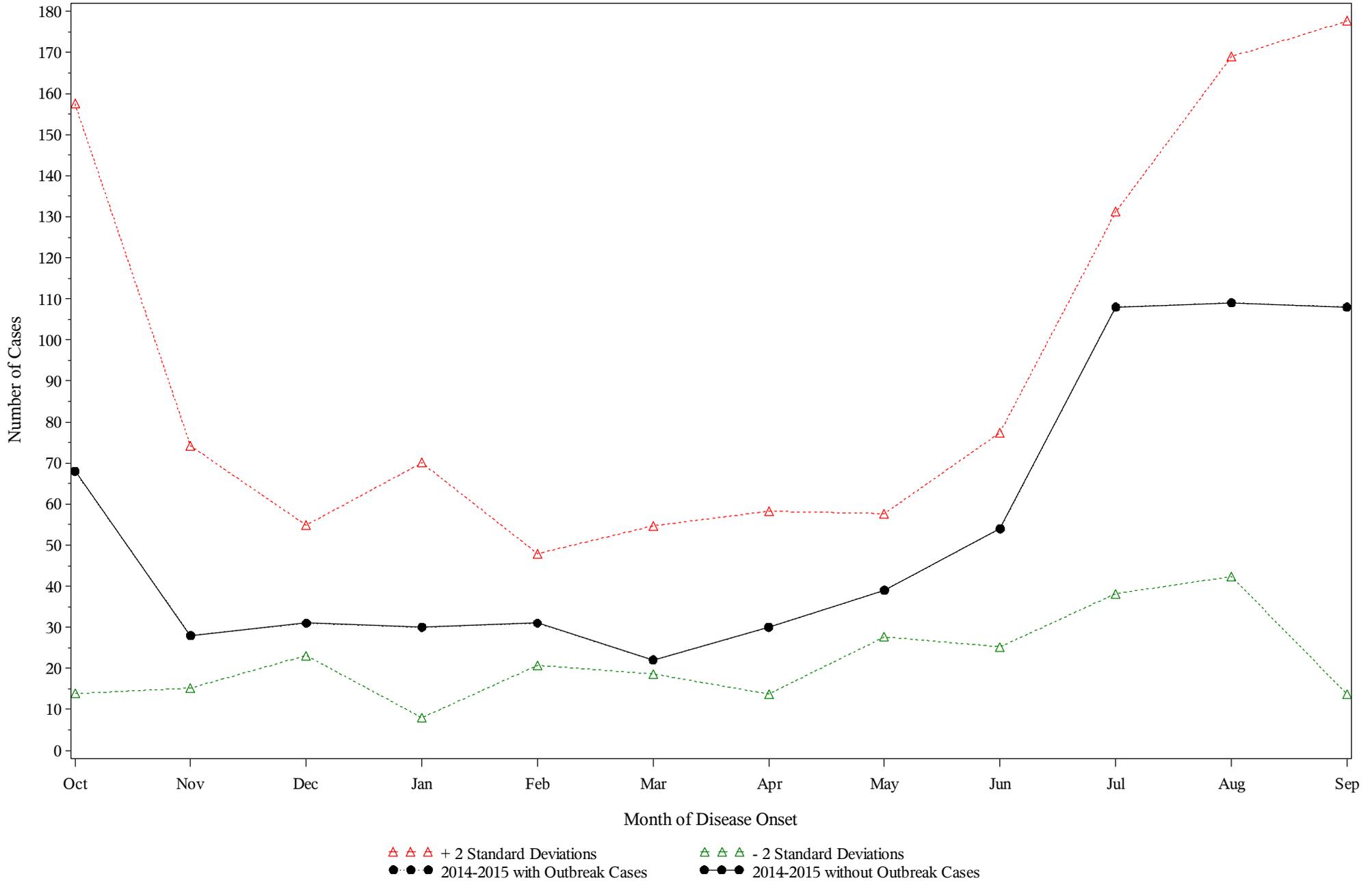
**Southeast** – Athens, Belmont, Coshocton, Gallia, Guernsey, Harrison, Hocking, Jackson, Jefferson, Lawrence, Meigs, Monroe, Morgan, Muskingum, Noble, Perry, Pike, Ross, Scioto, Vinton, Washington

**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, 2014-2015

## Aseptic Meningitis

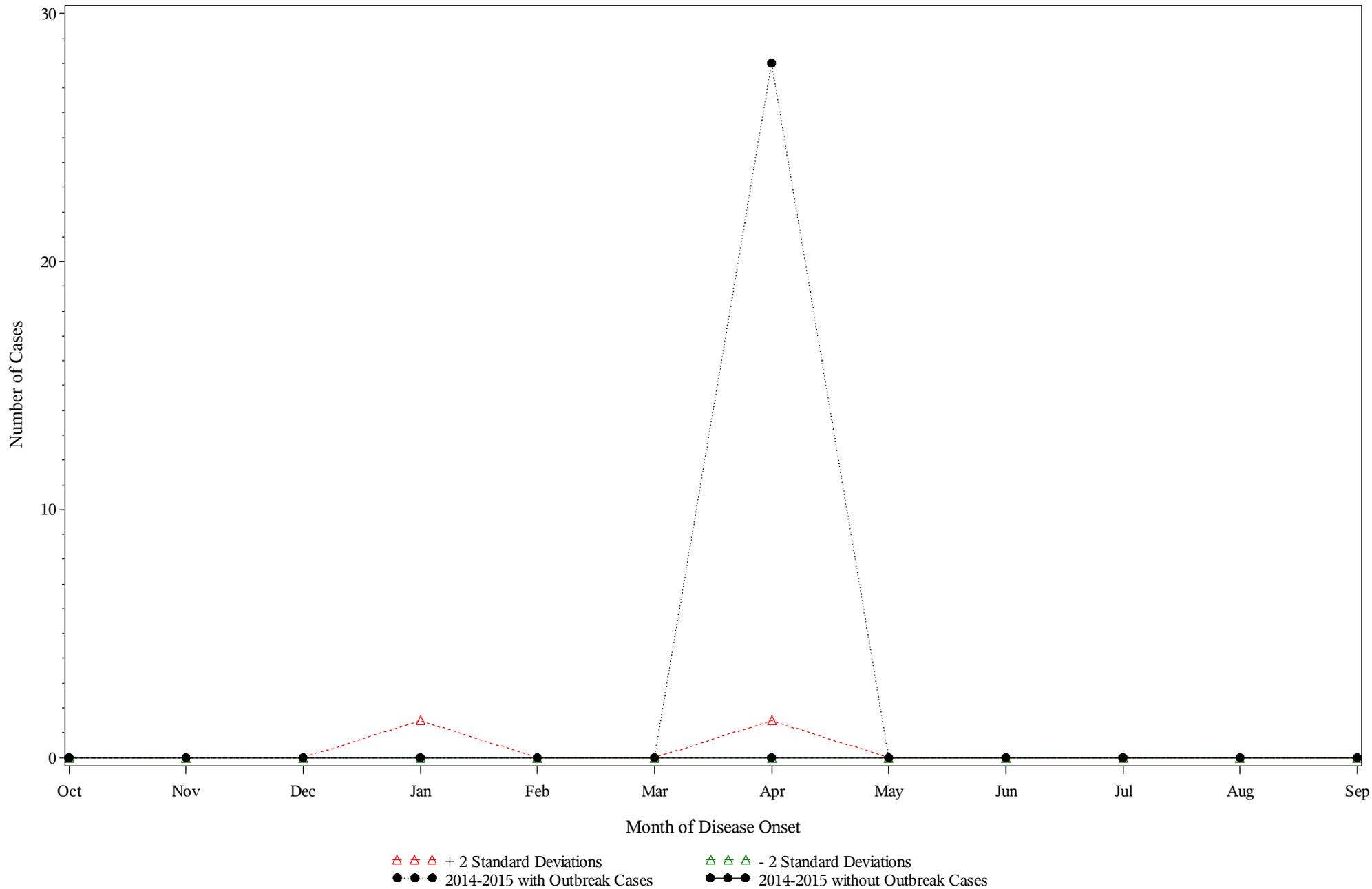


Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Botulism, Foodborne

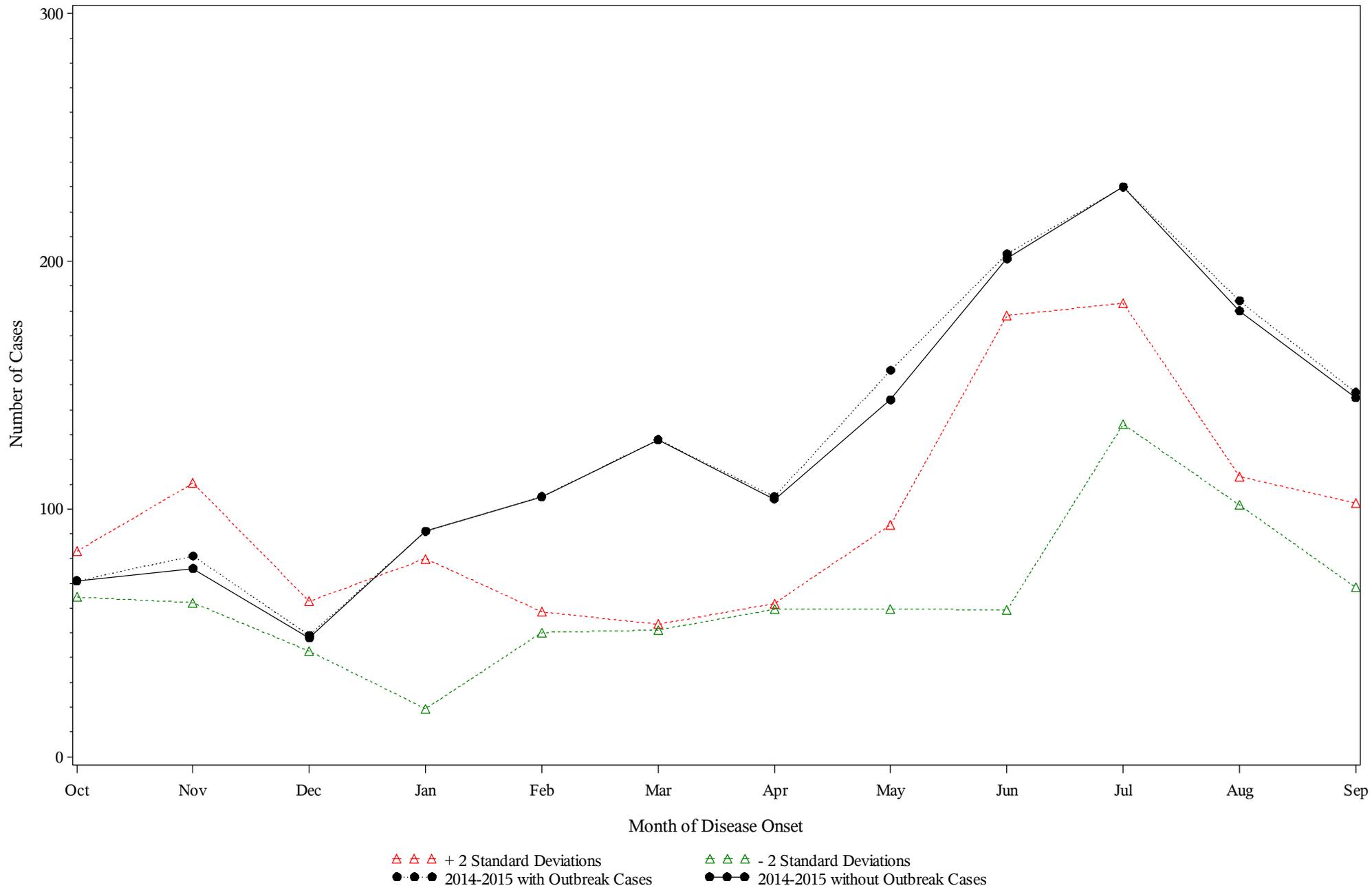


Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Campylobacteriosis

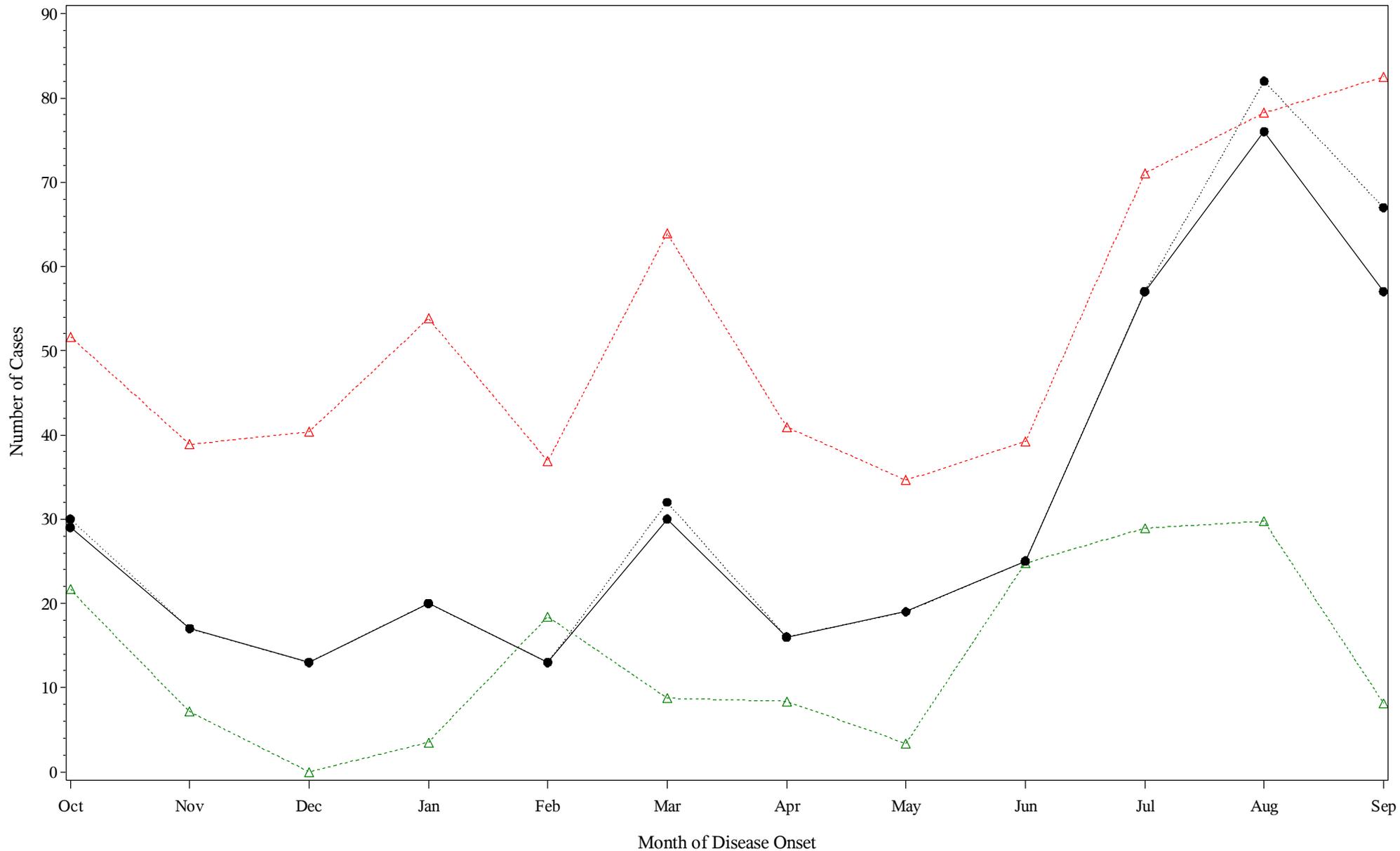


Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
Current as of 10/25/2015

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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Cryptosporidiosis

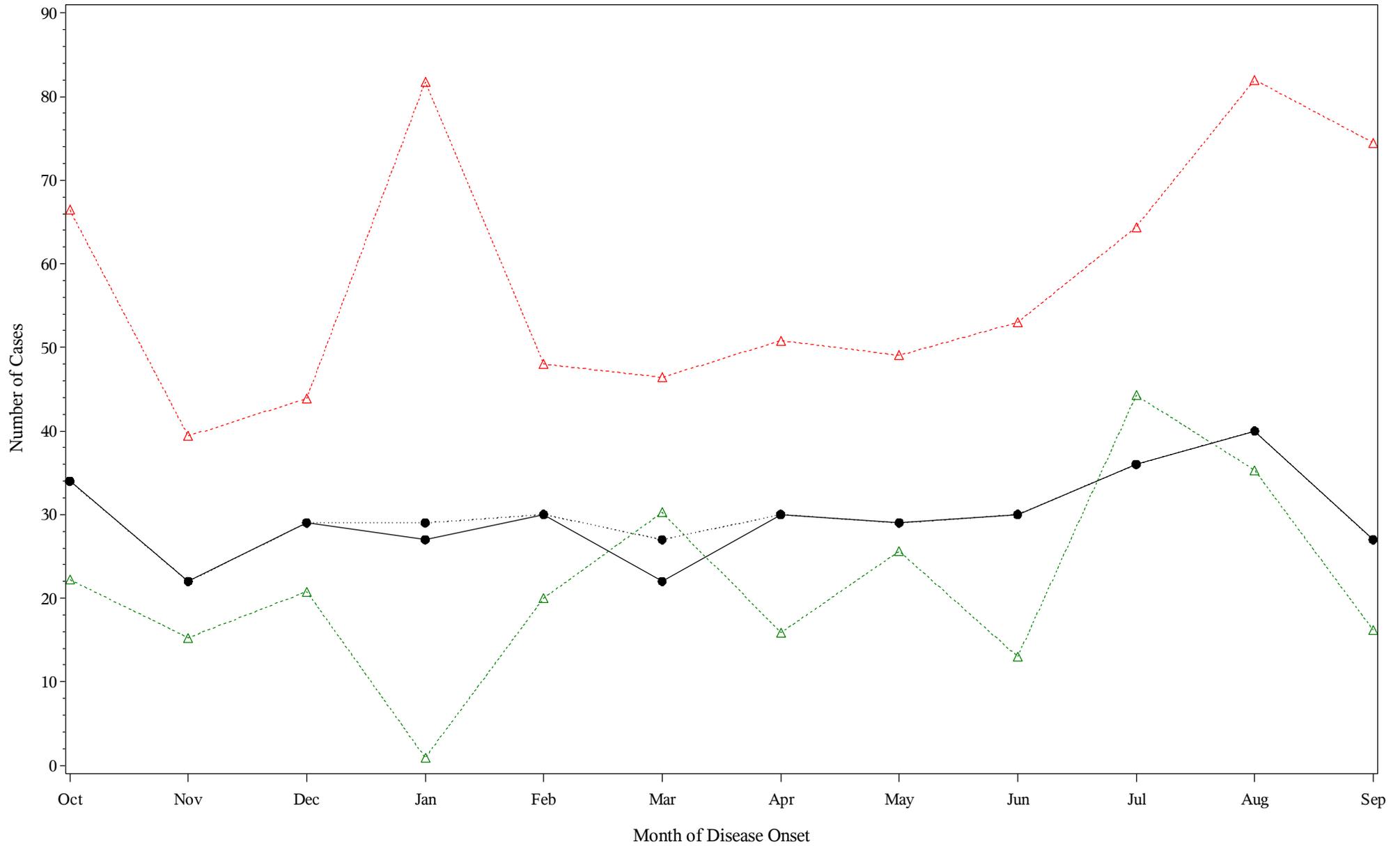


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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Giardiasis



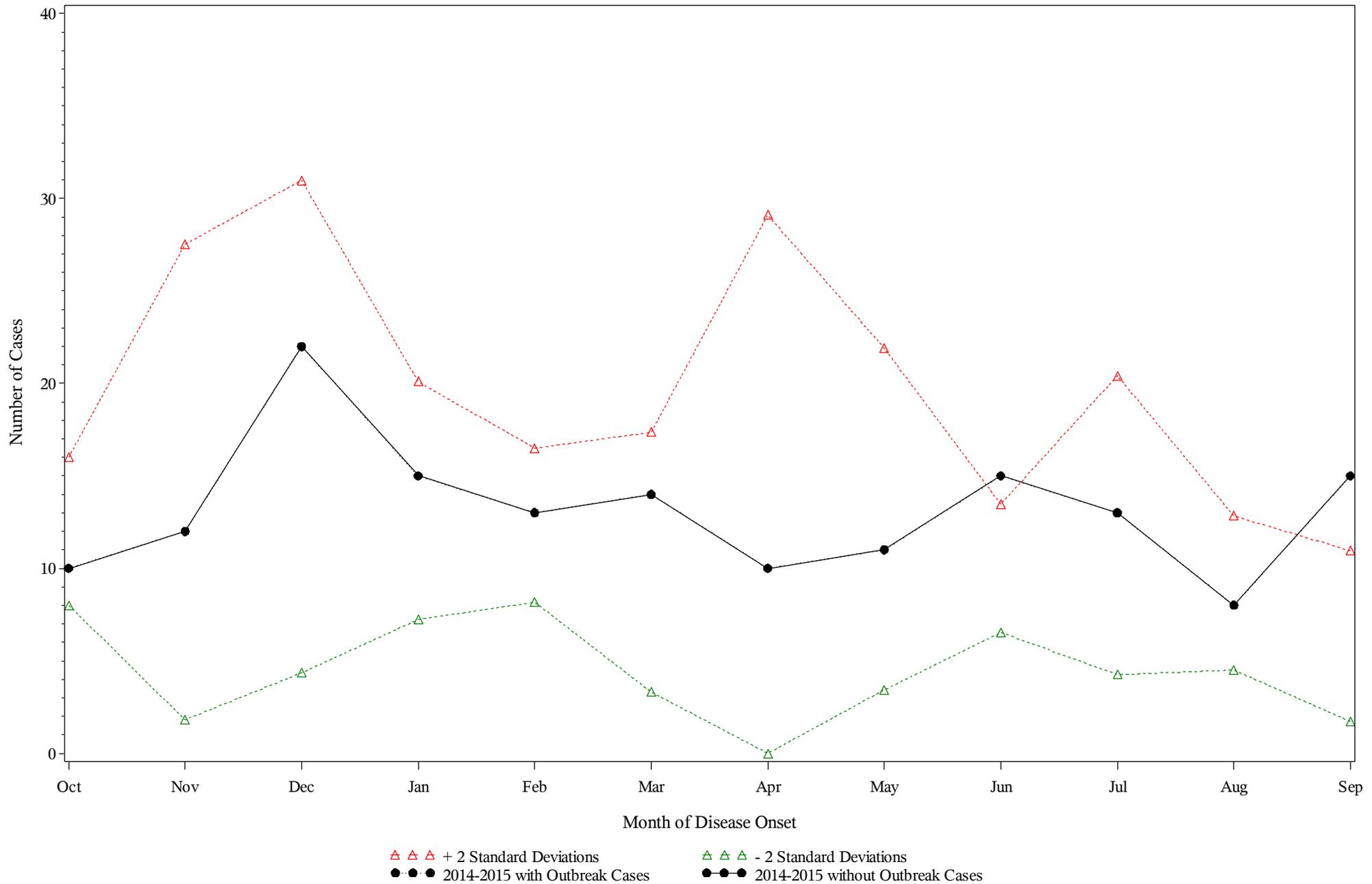
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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Haemophilus influenzae, Invasive

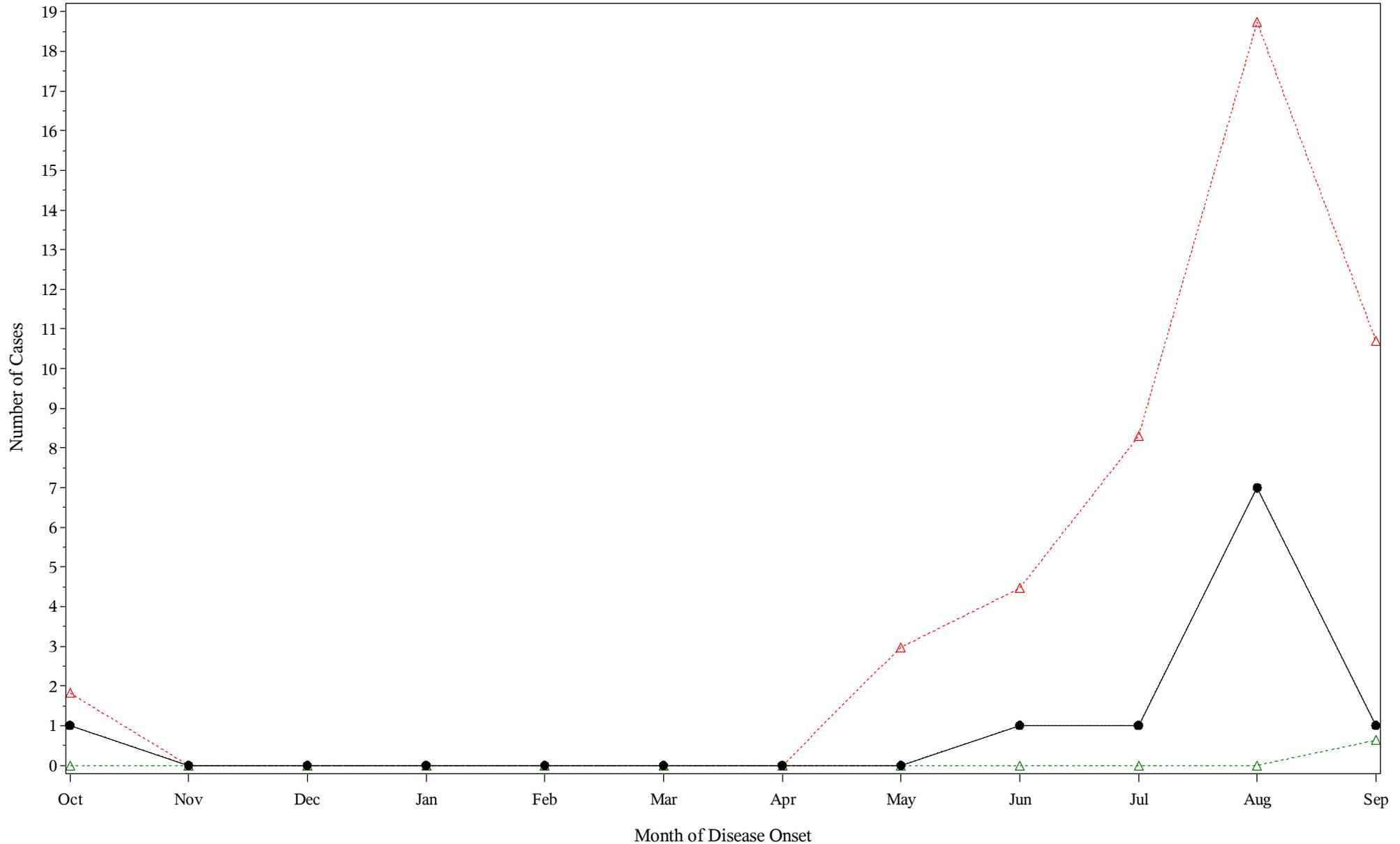


Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
Current as of 10/25/2015

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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## LaCrosse Virus Disease

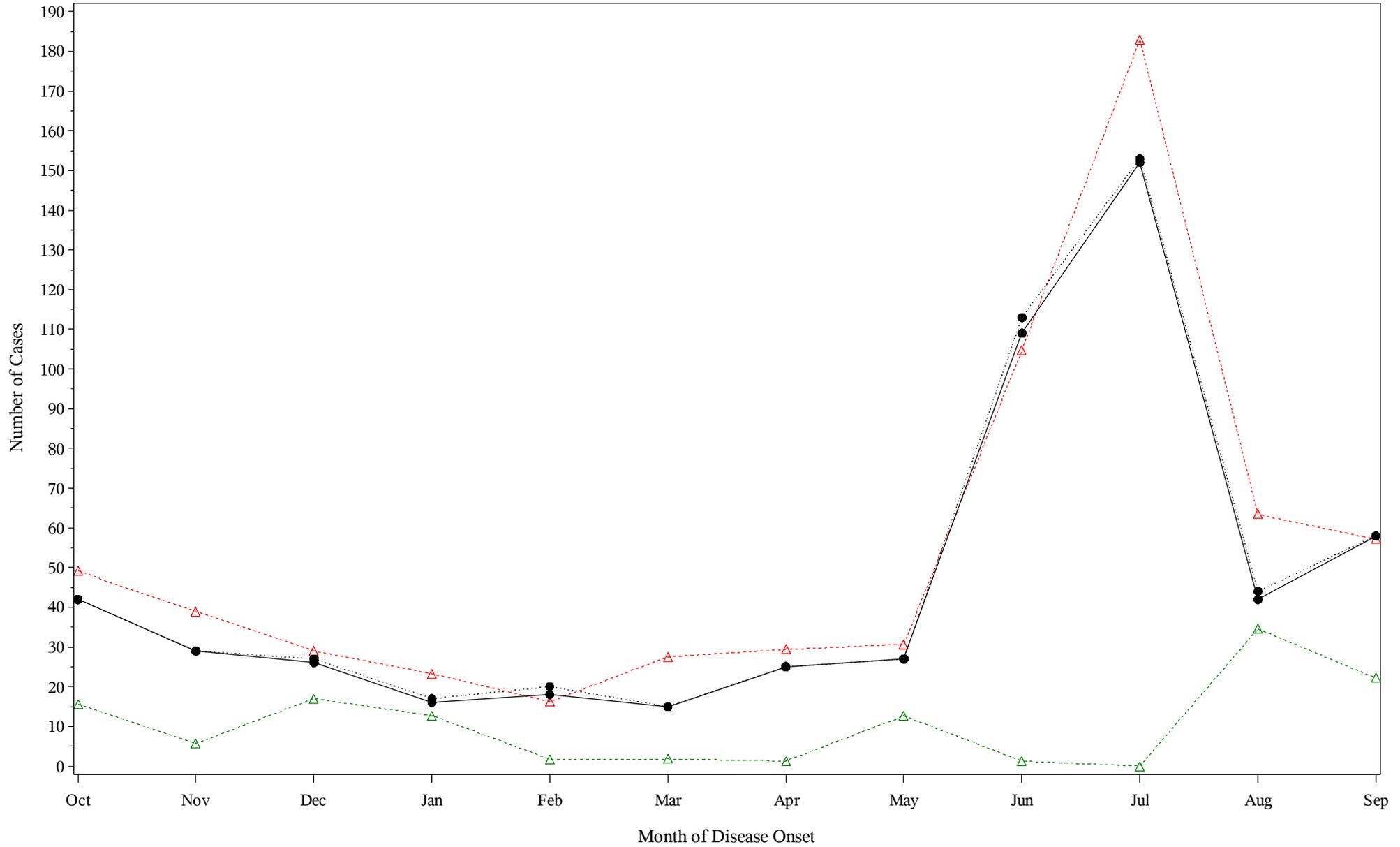


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 Current as of 10/25/2015  
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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Legionellosis



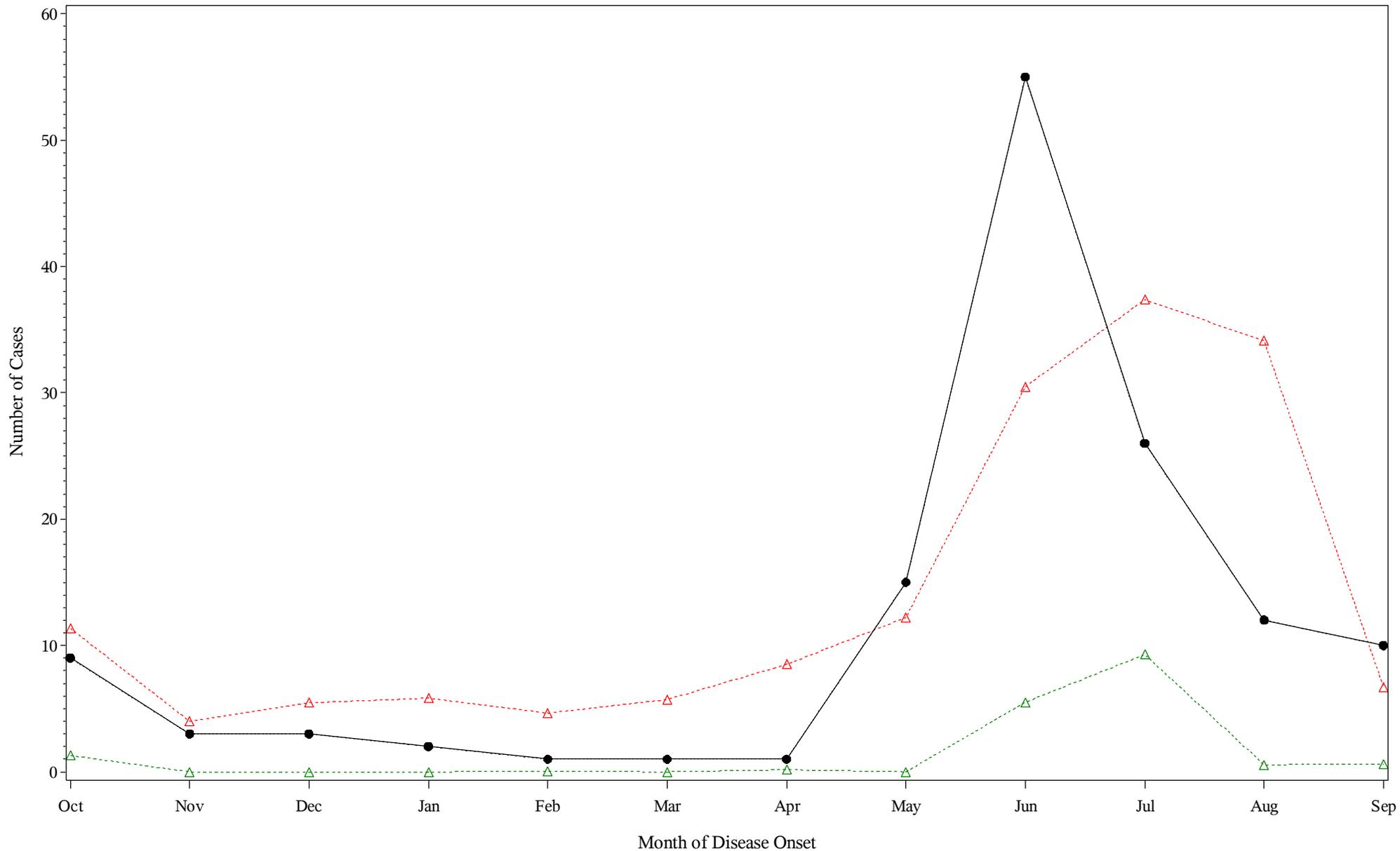
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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Lyme Disease

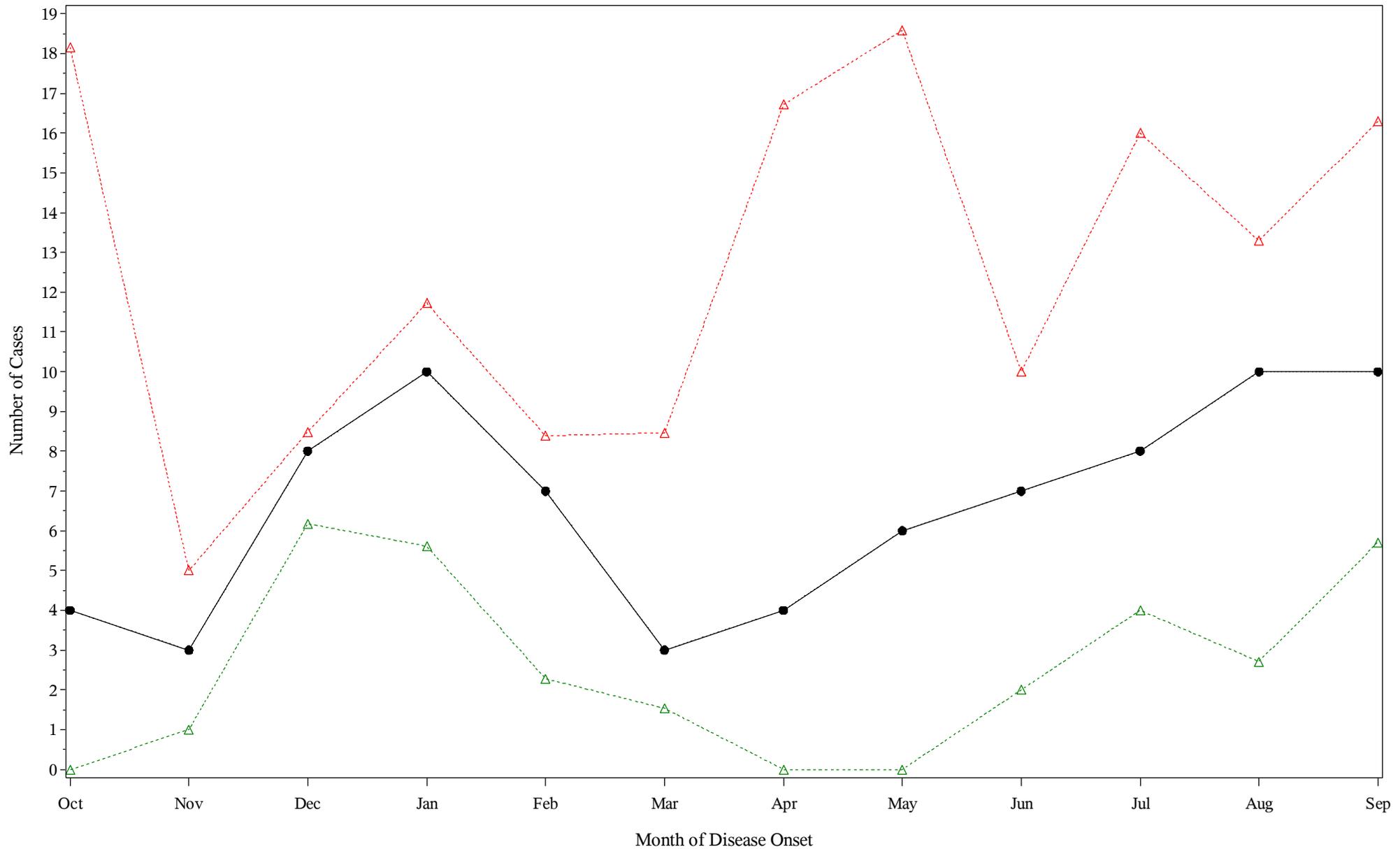


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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Bacterial Meningitis



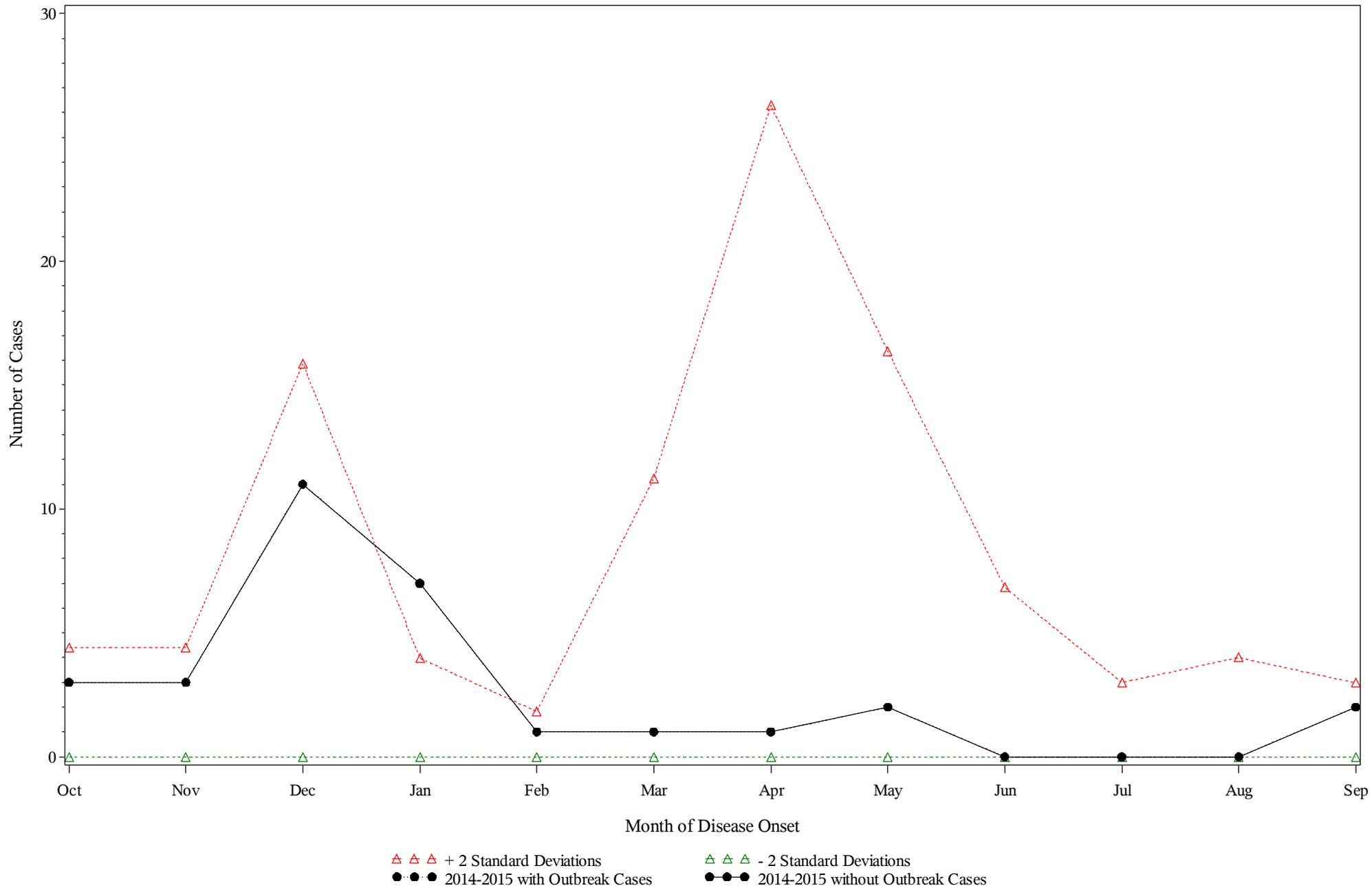
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Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Mumps

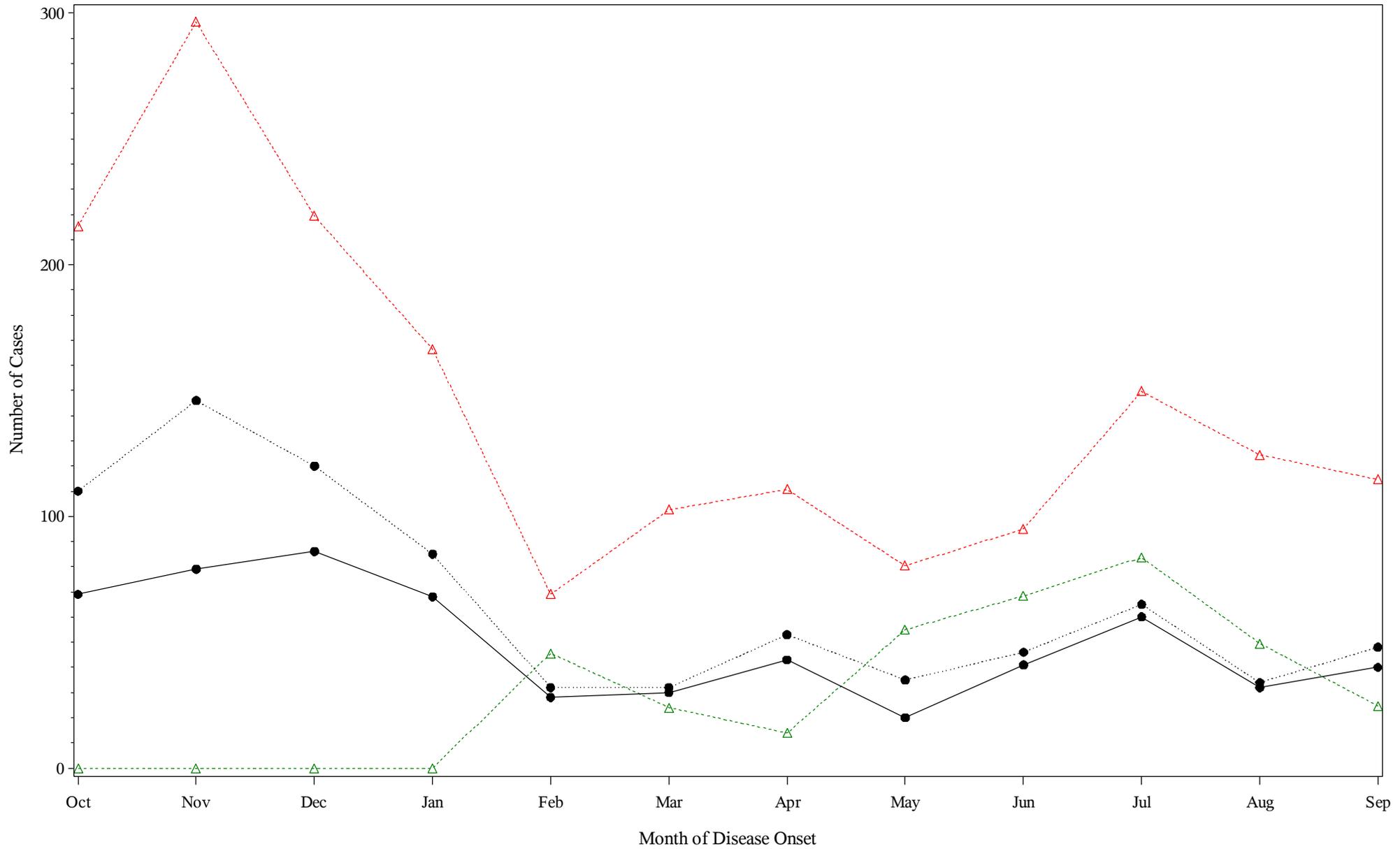


Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Pertussis



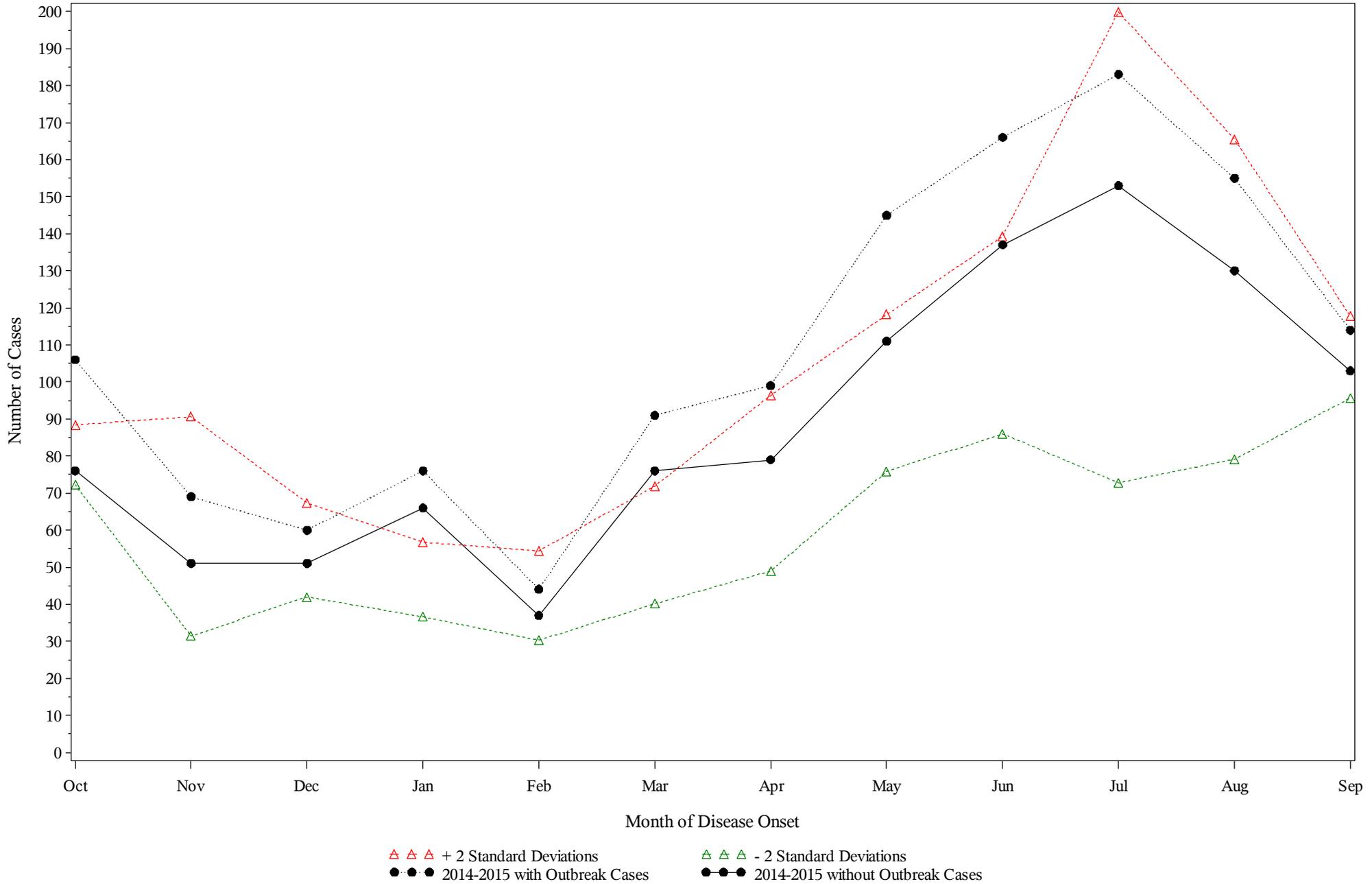
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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Salmonellosis

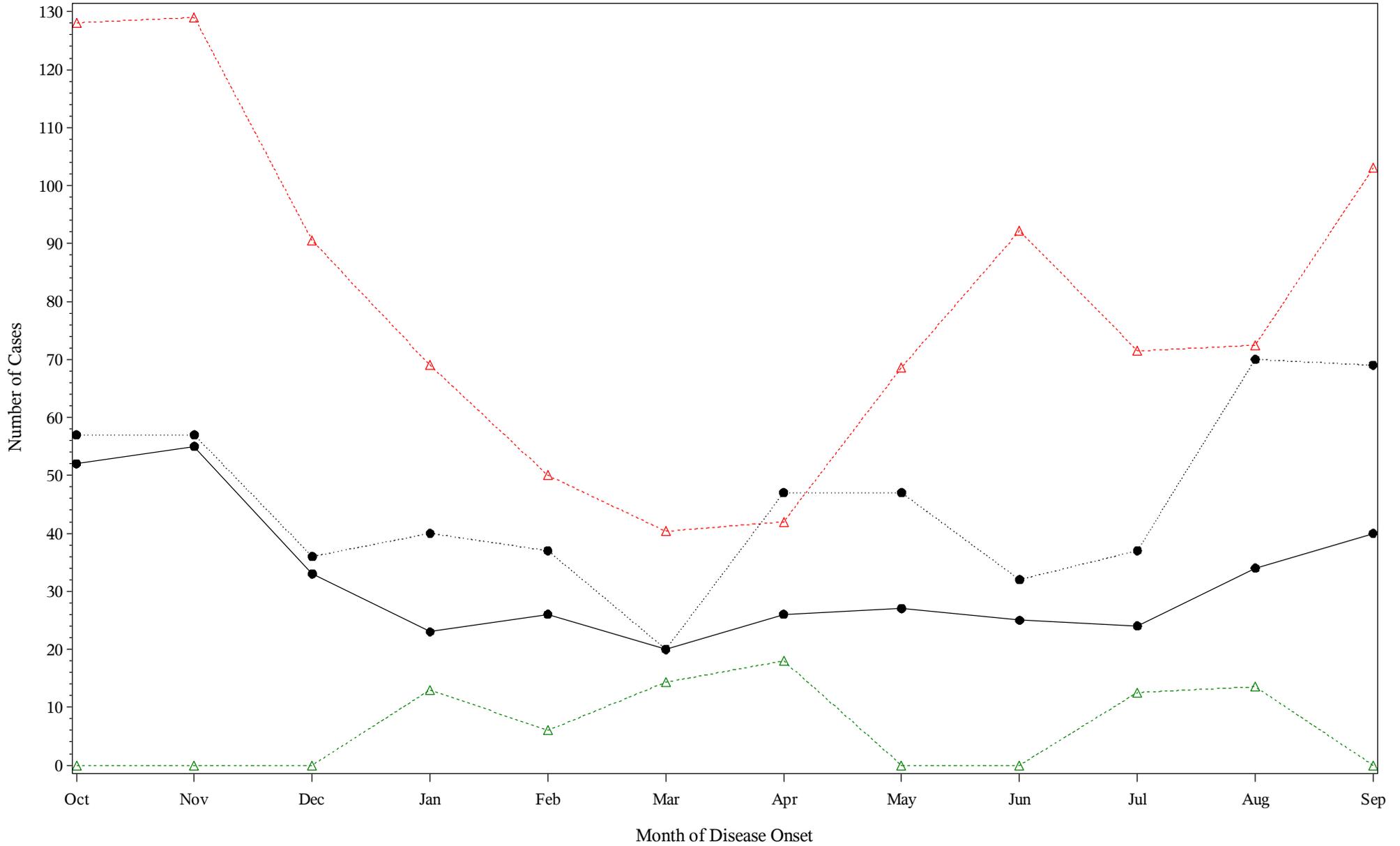


Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Shigellosis



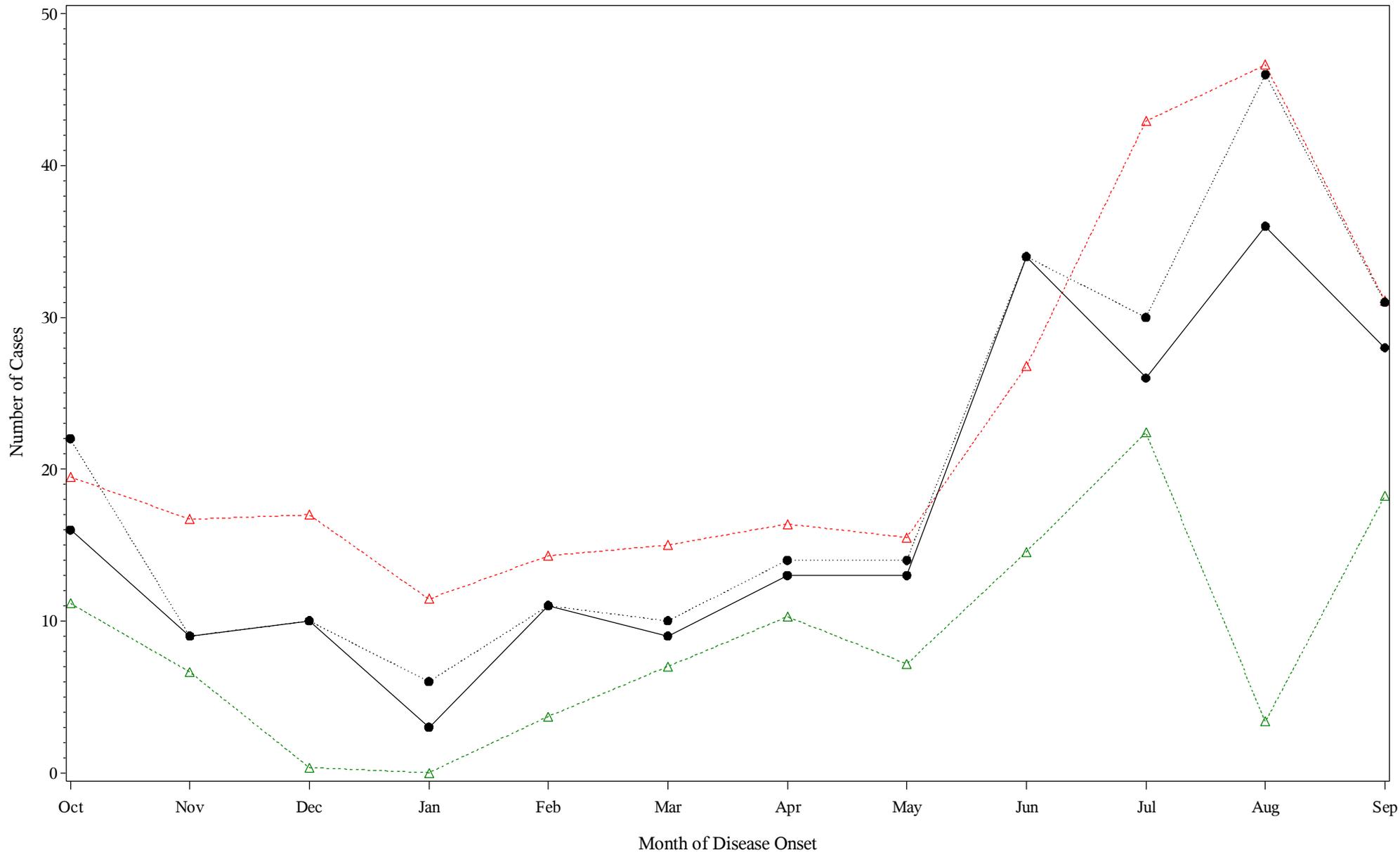
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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Shiga Toxin-Producing Escherichia coli

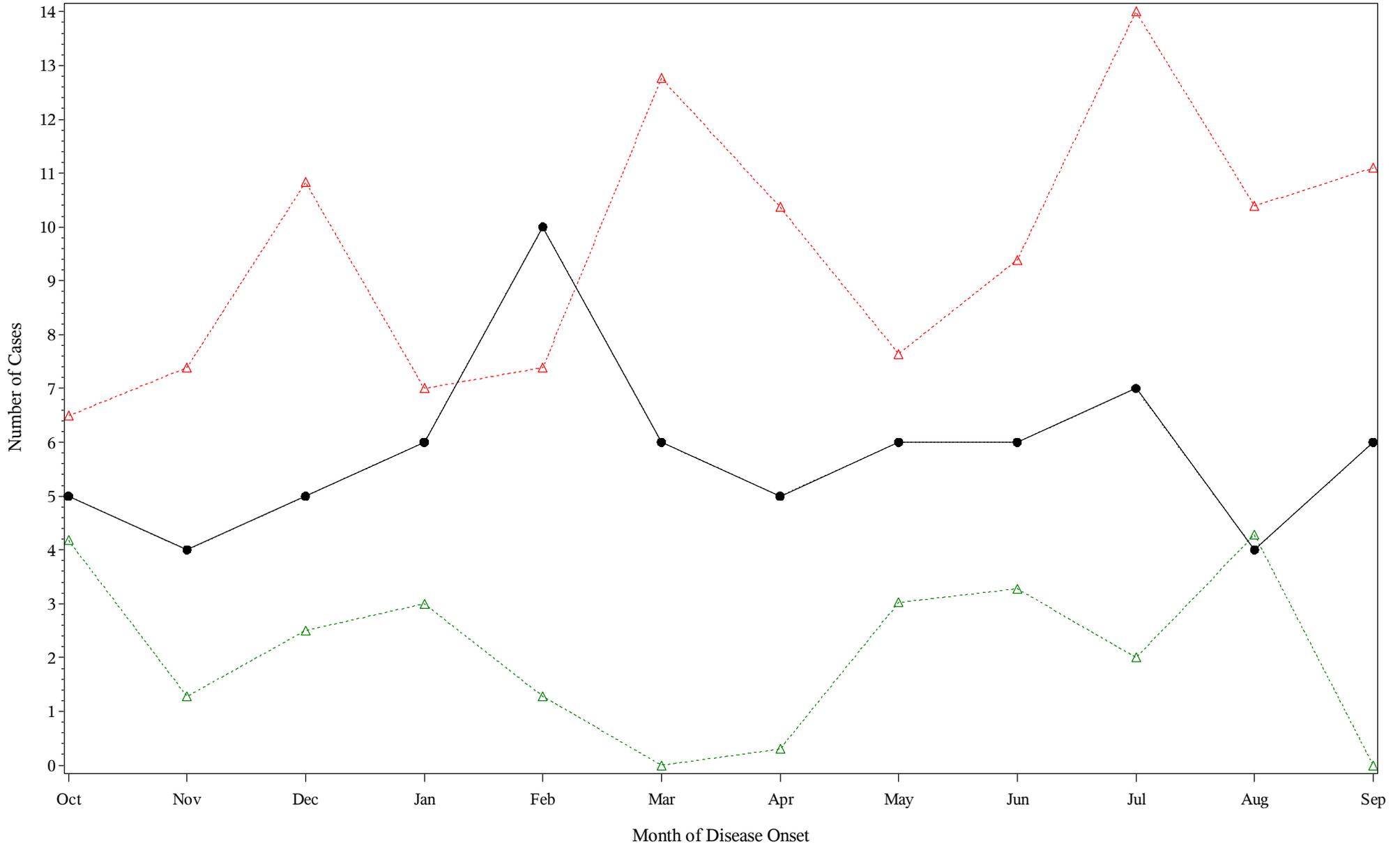


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 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Streptococcal Disease, Group B, in Newborn



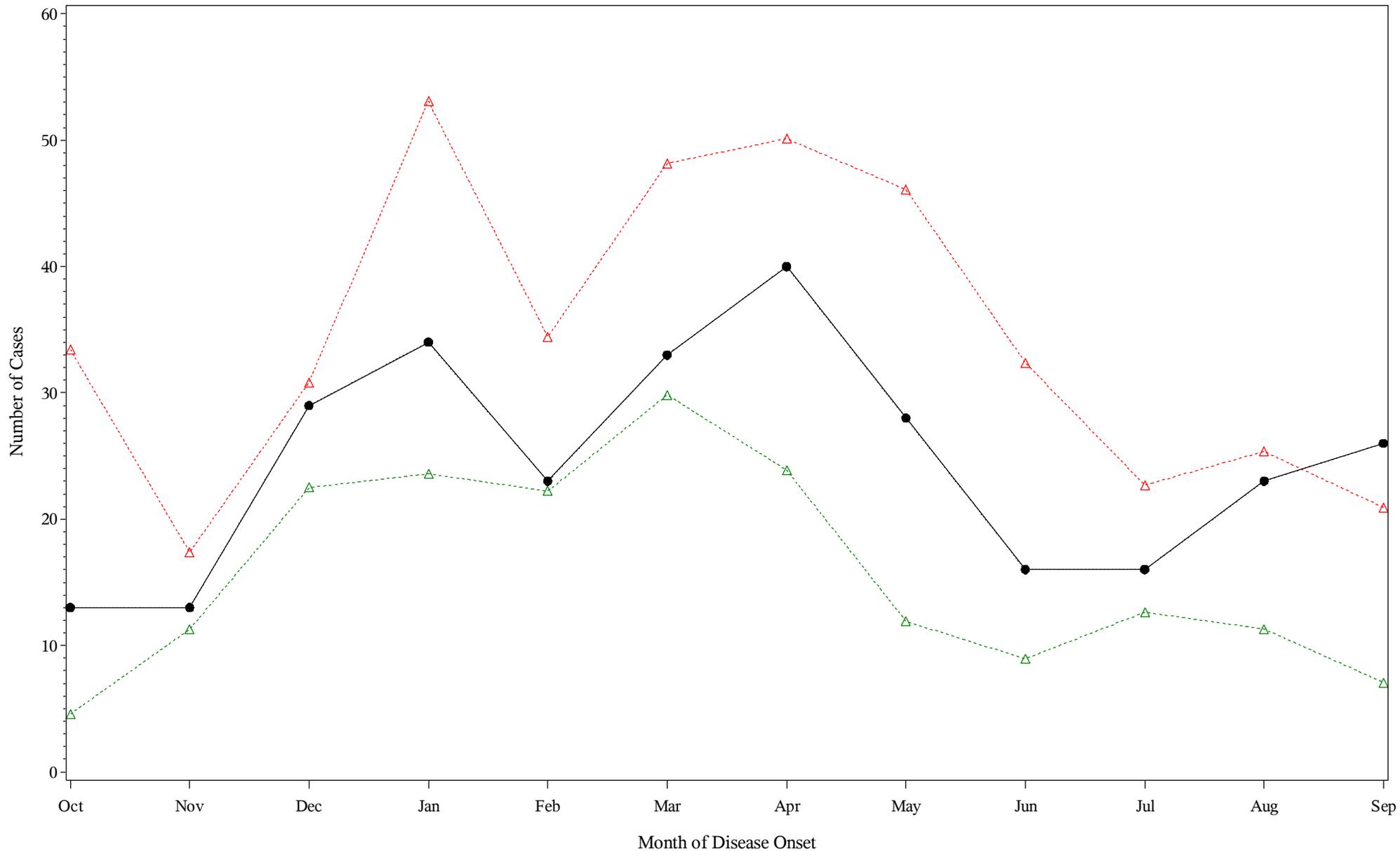
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 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Streptococcal Disease, Group A, Invasive

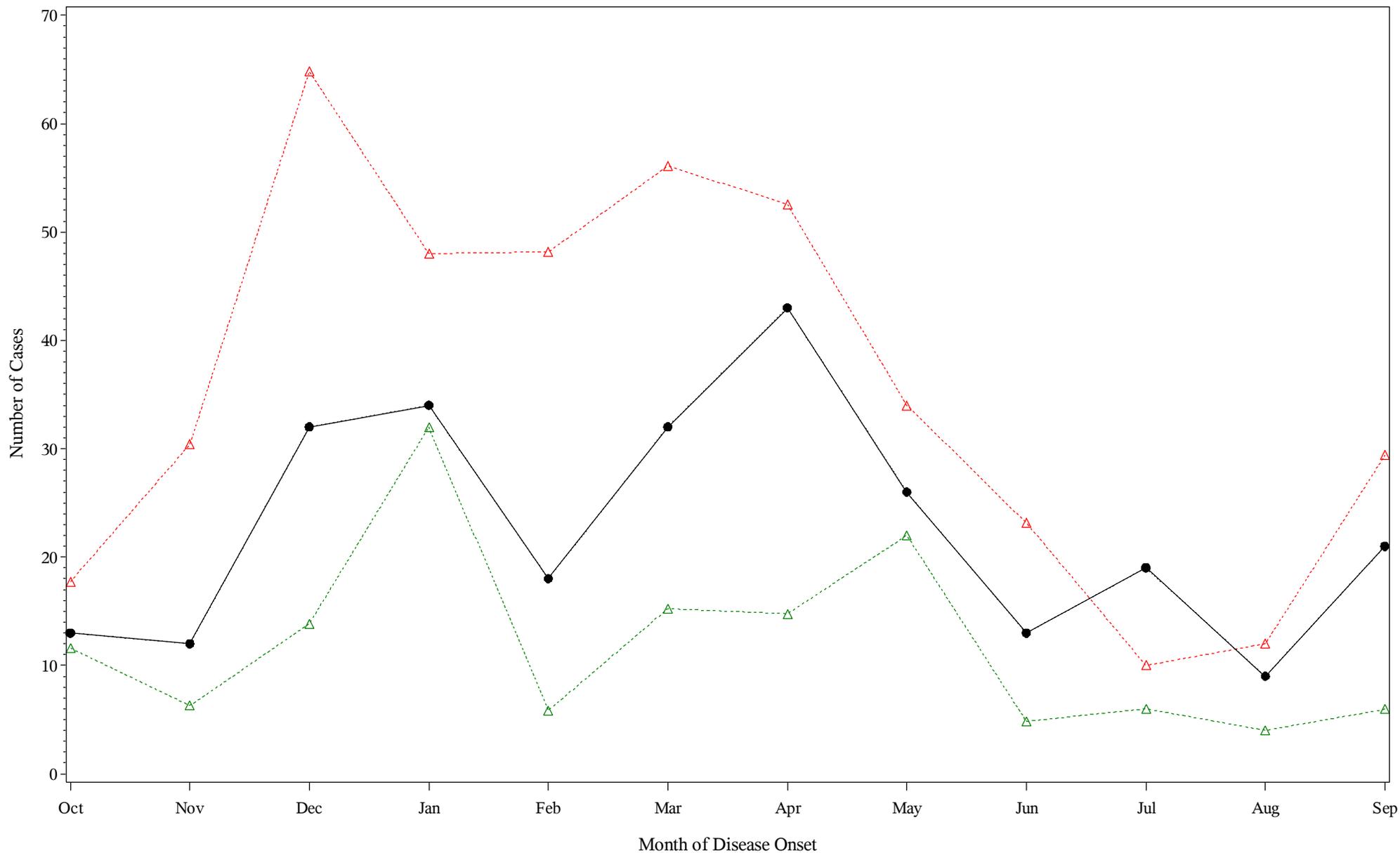


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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate



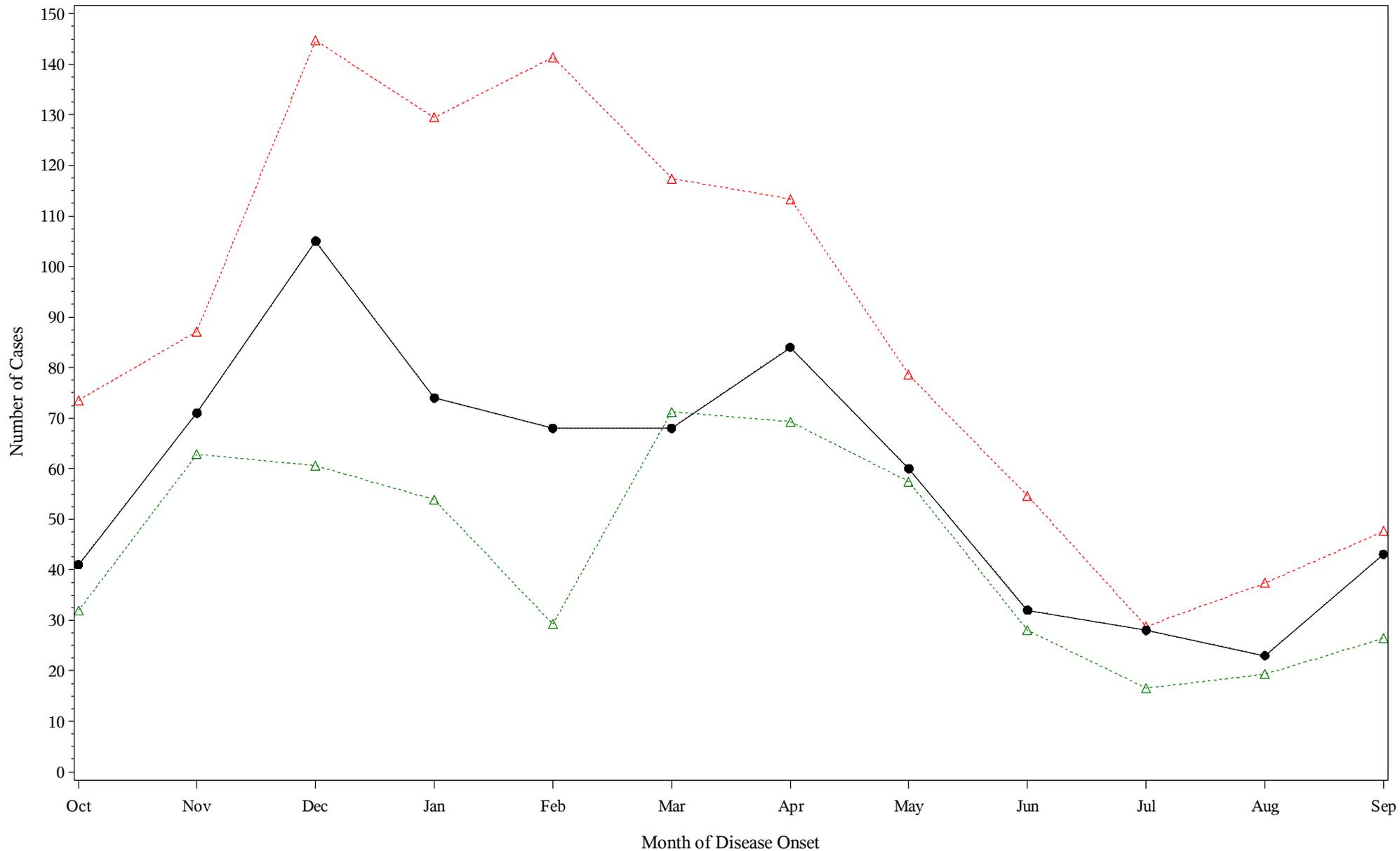
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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown

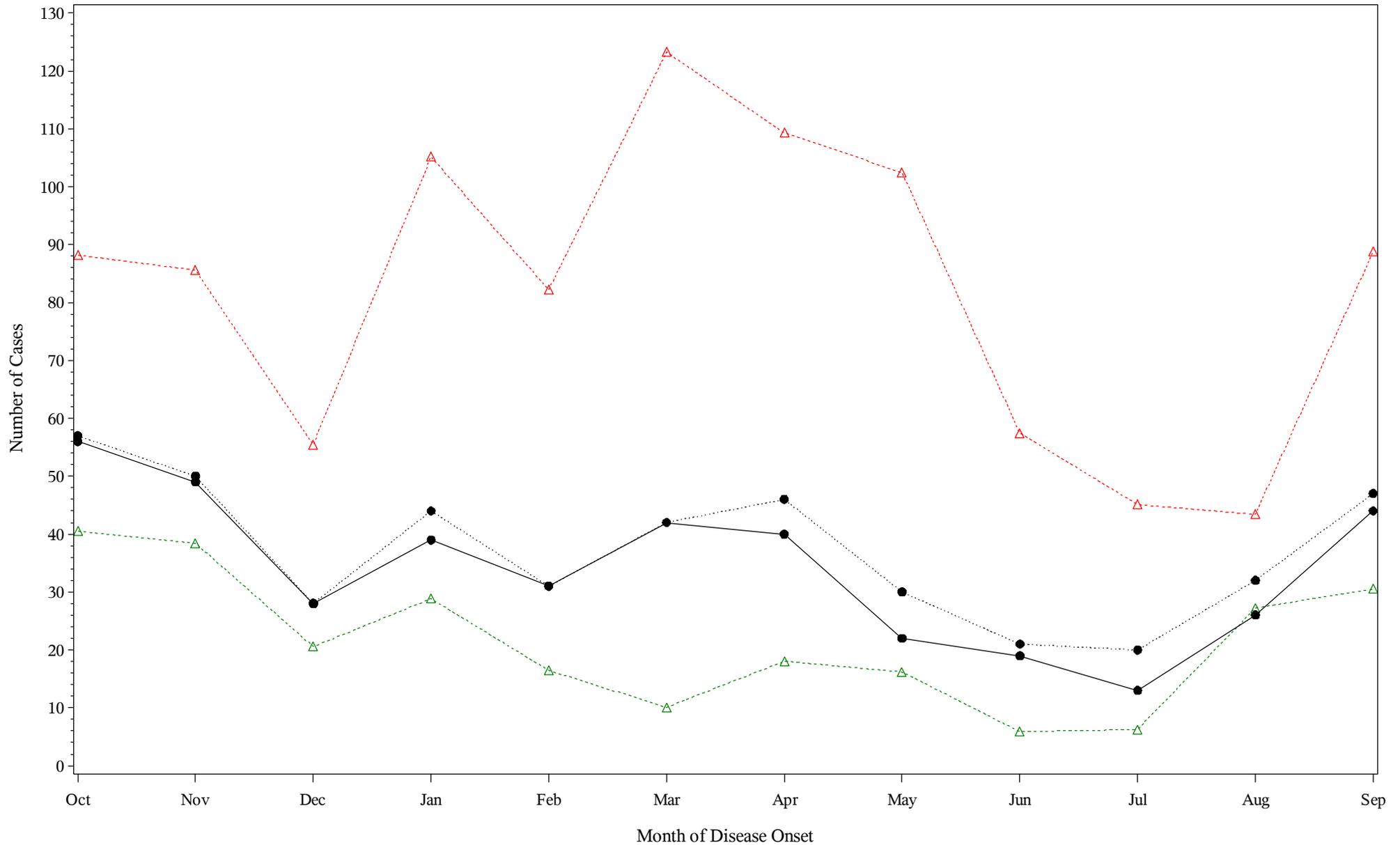


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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Varicella



△ △ △ + 2 Standard Deviations

△ △ △ - 2 Standard Deviations

● ● ● 2014-2015 with Outbreak Cases

● ● ● 2014-2015 without Outbreak Cases

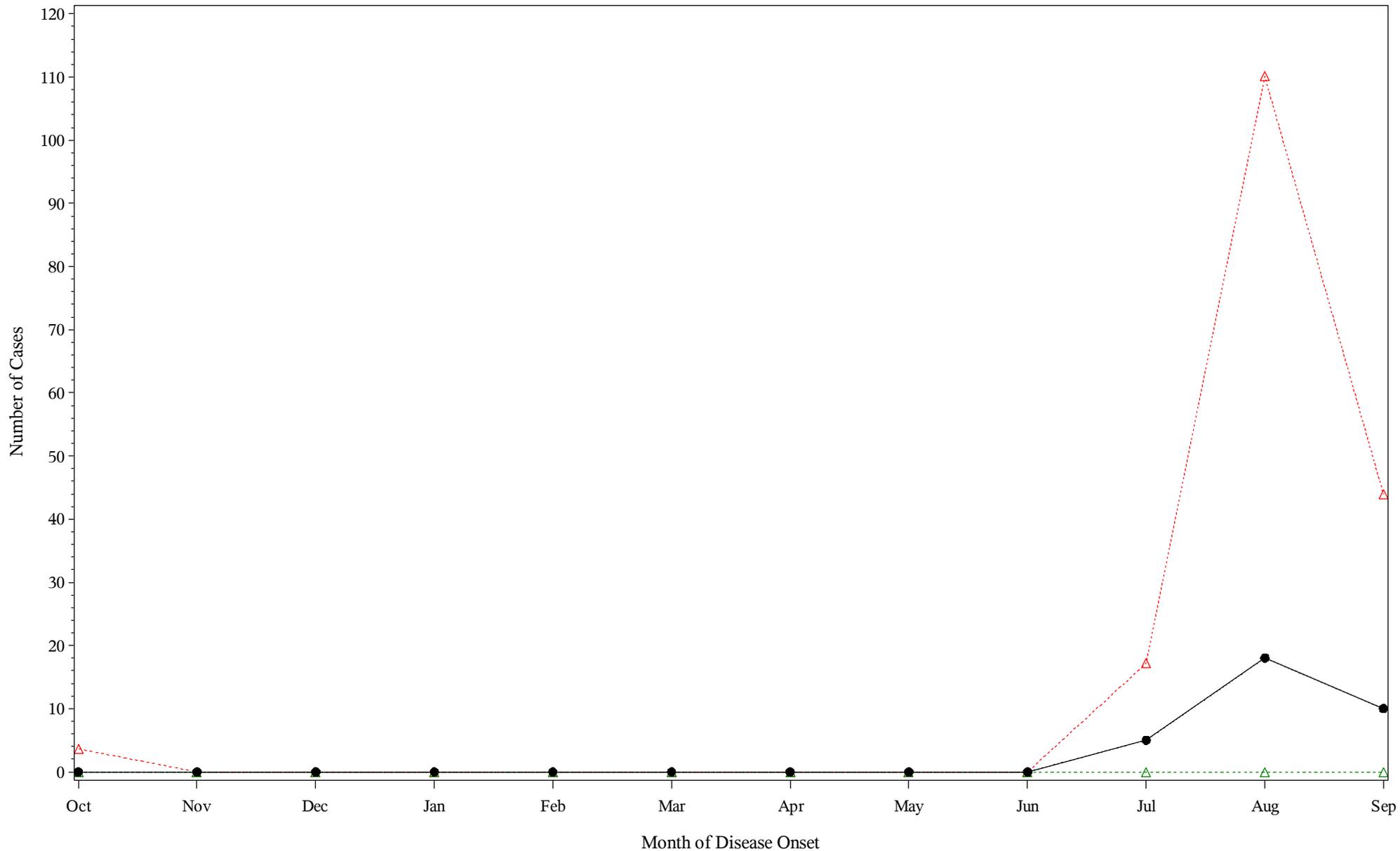
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## West Nile Virus Disease



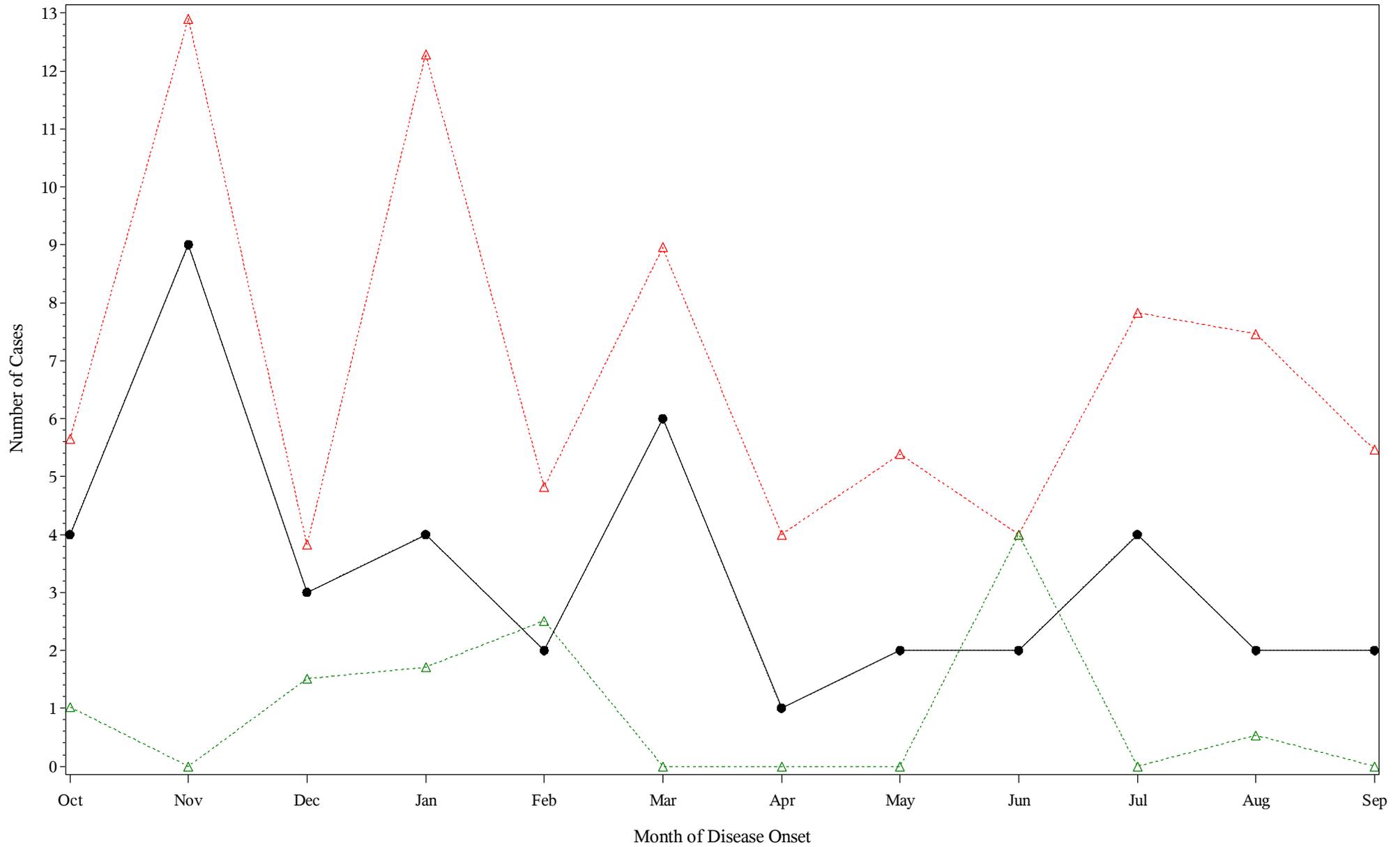
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# Quarterly Statewide Surveillance Trends by Disease, Ohio, 2014-2015

## Yersiniosis



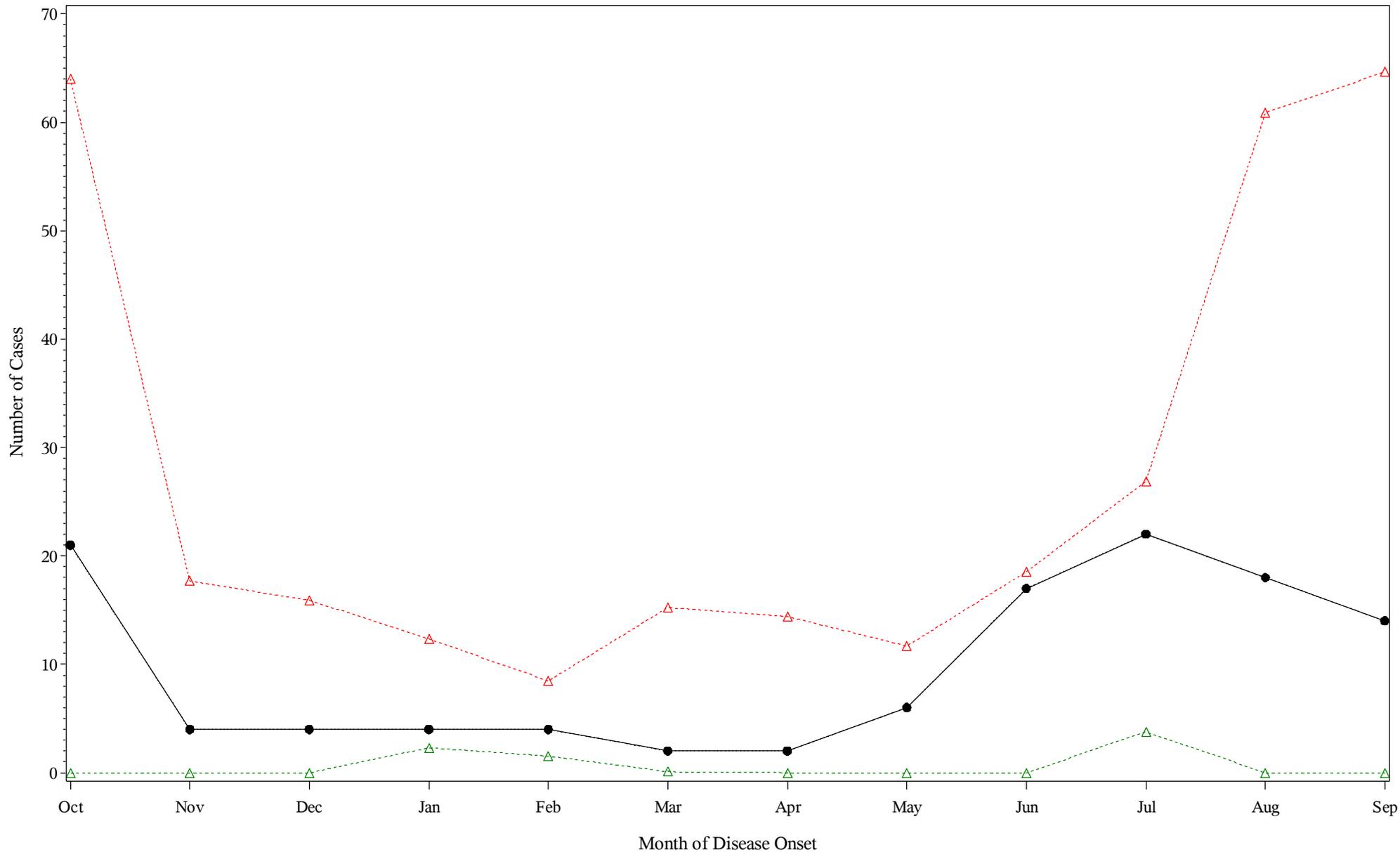
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Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Aseptic Meningitis



△ △ △ + 2 Standard Deviations

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● ● ● 2014-2015 with Outbreak Cases

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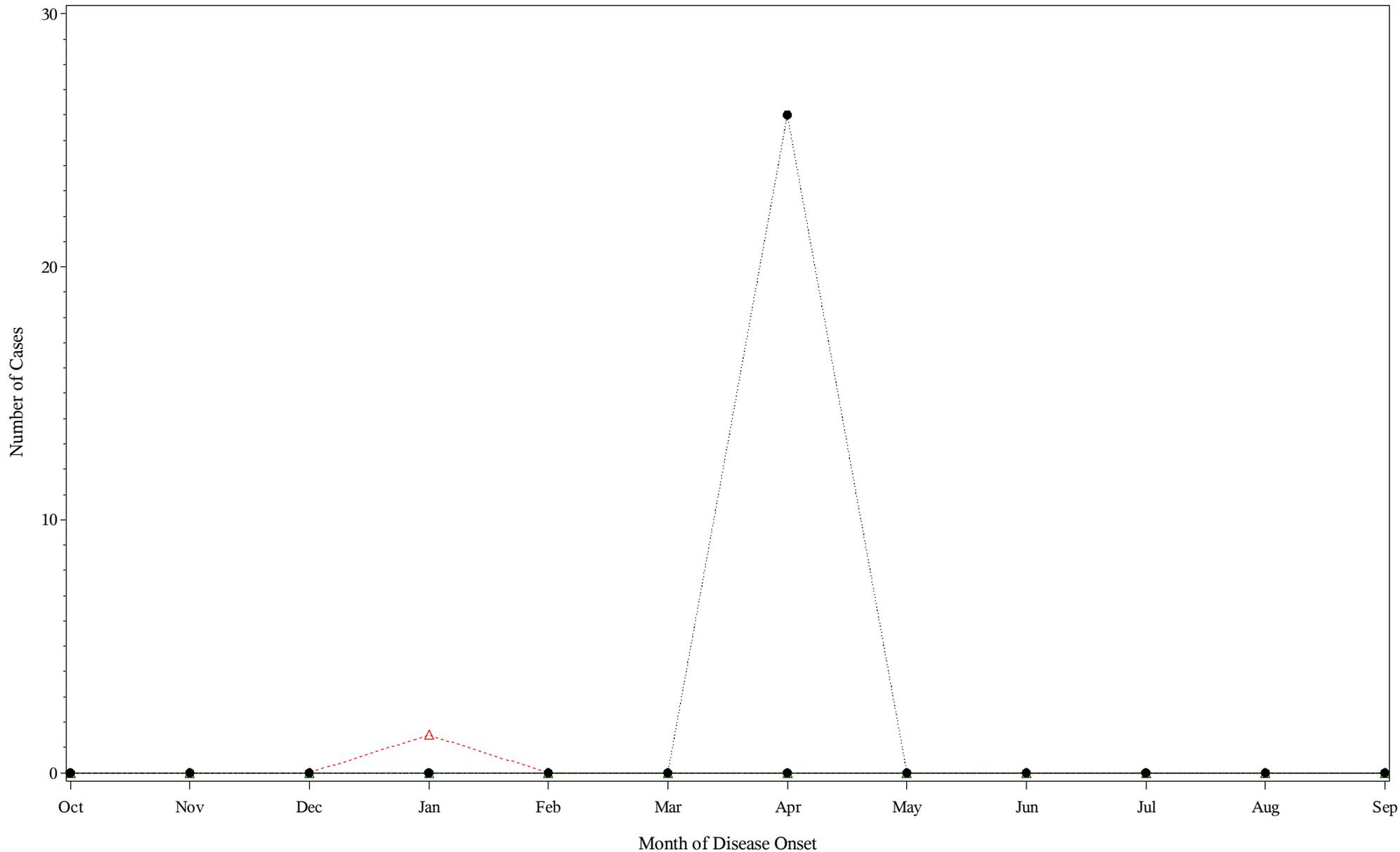
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Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Botulism, Foodborne



△ △ △ + 2 Standard Deviations

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● ● ● 2014-2015 with Outbreak Cases

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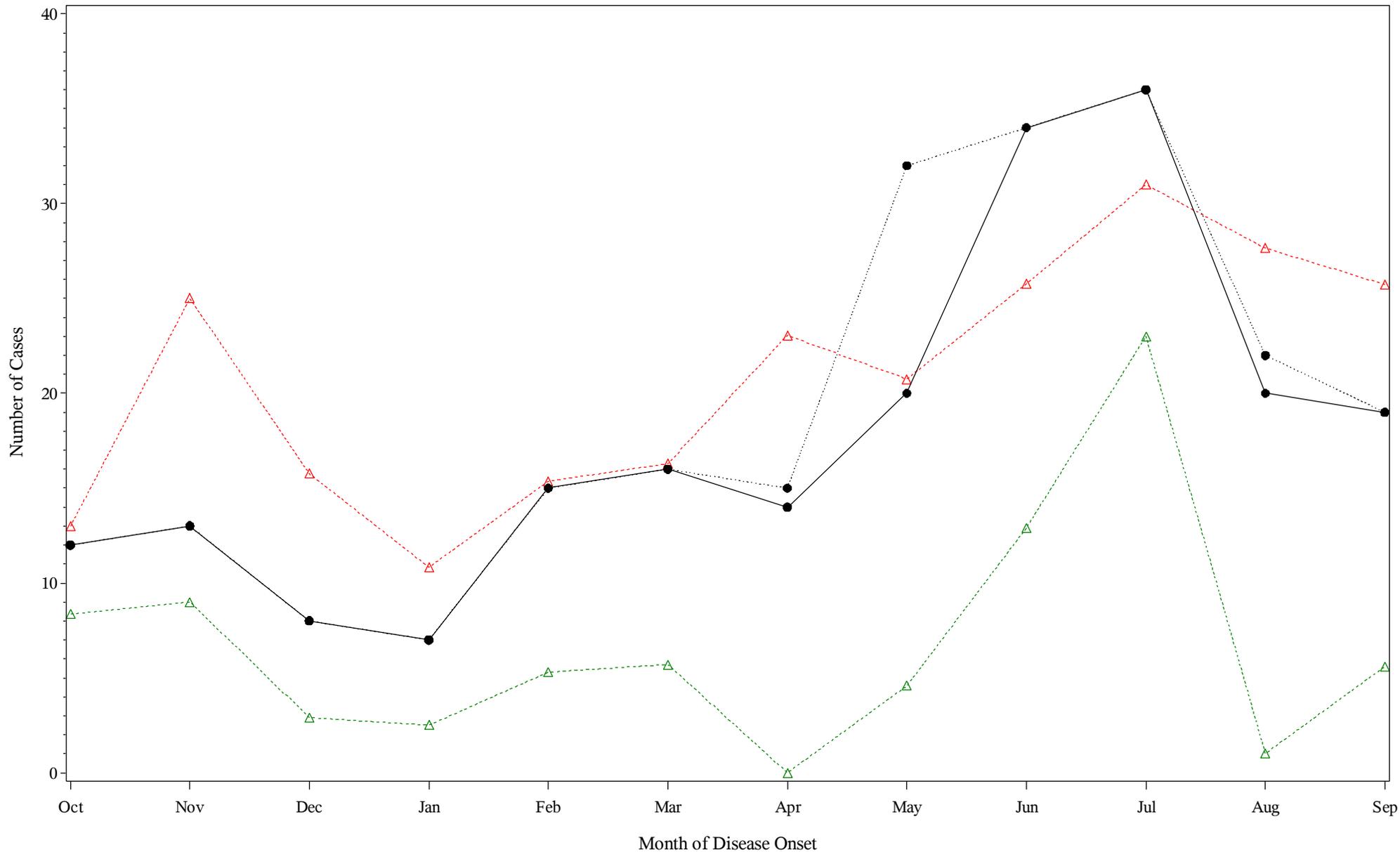
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Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central      Campylobacteriosis

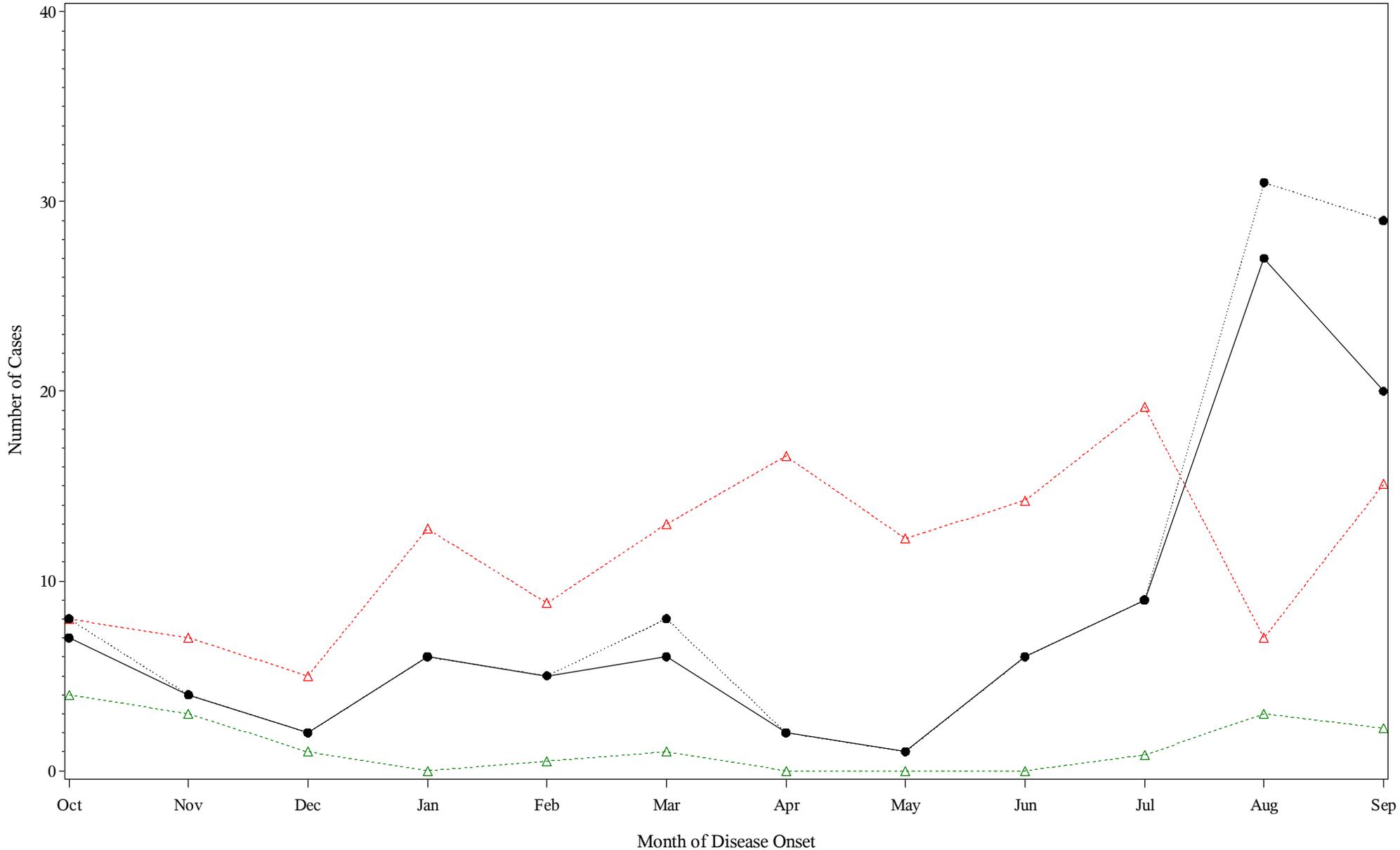


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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Cryptosporidiosis

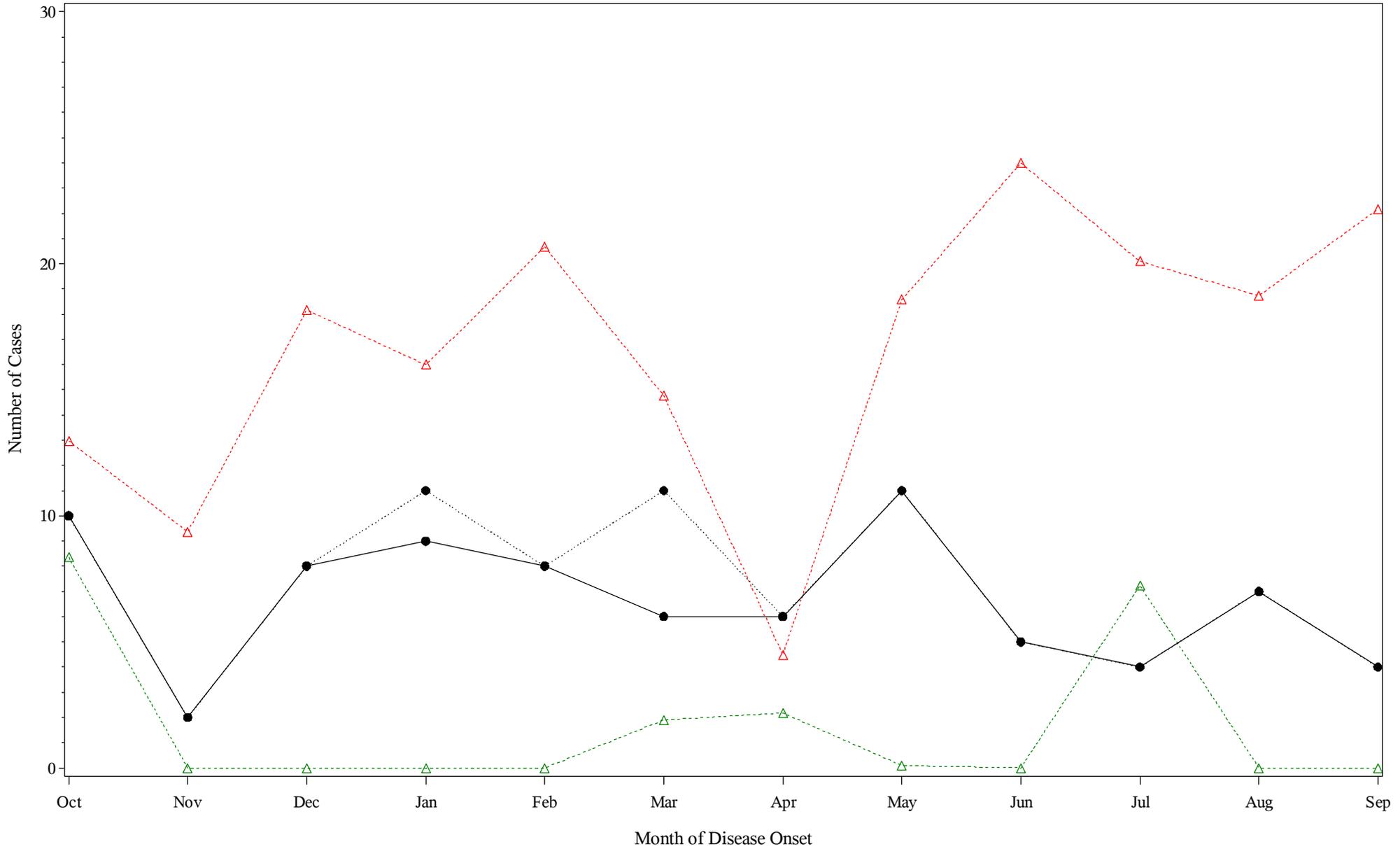


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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central      Giardiasis



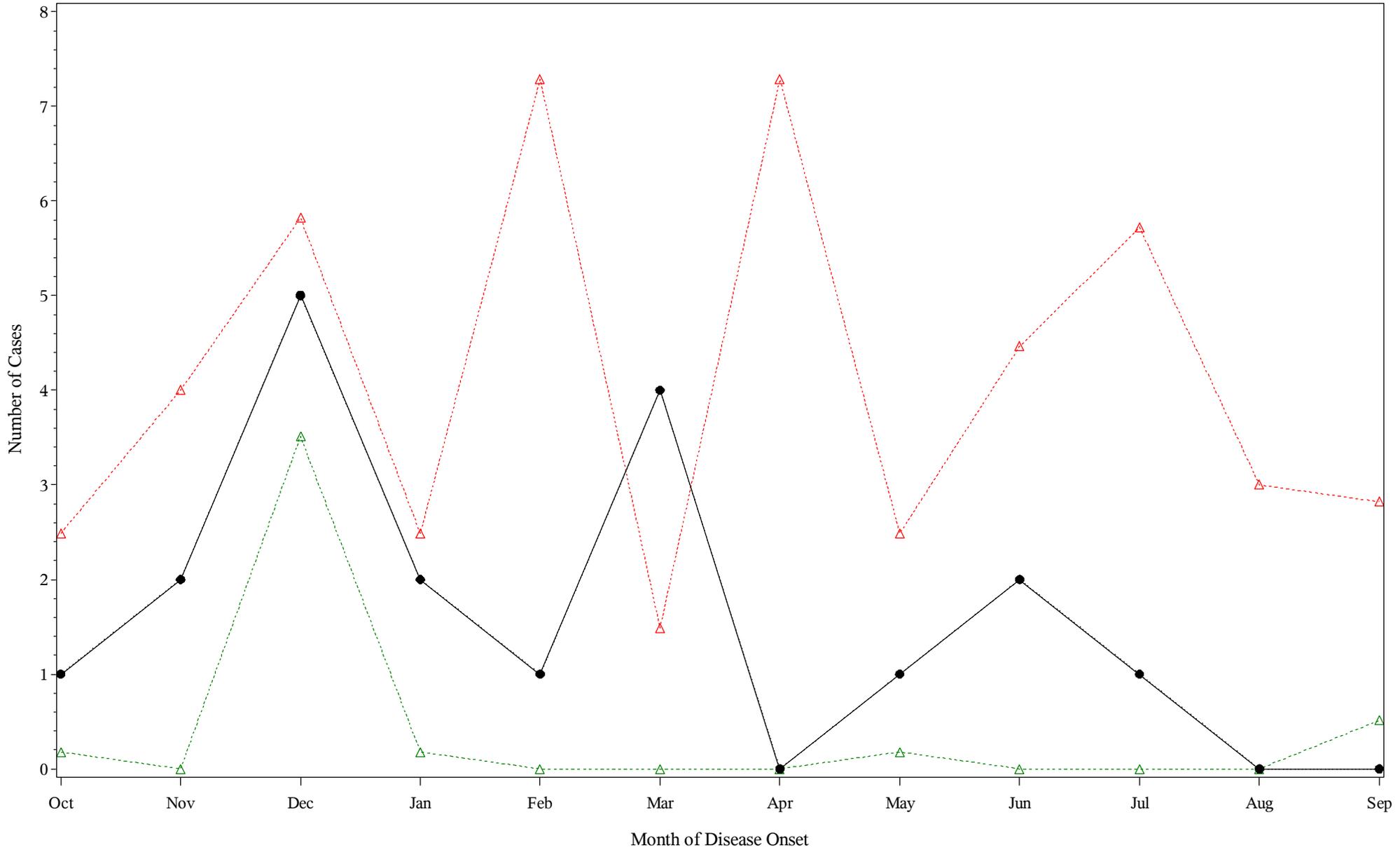
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Haemophilus influenzae, Invasive



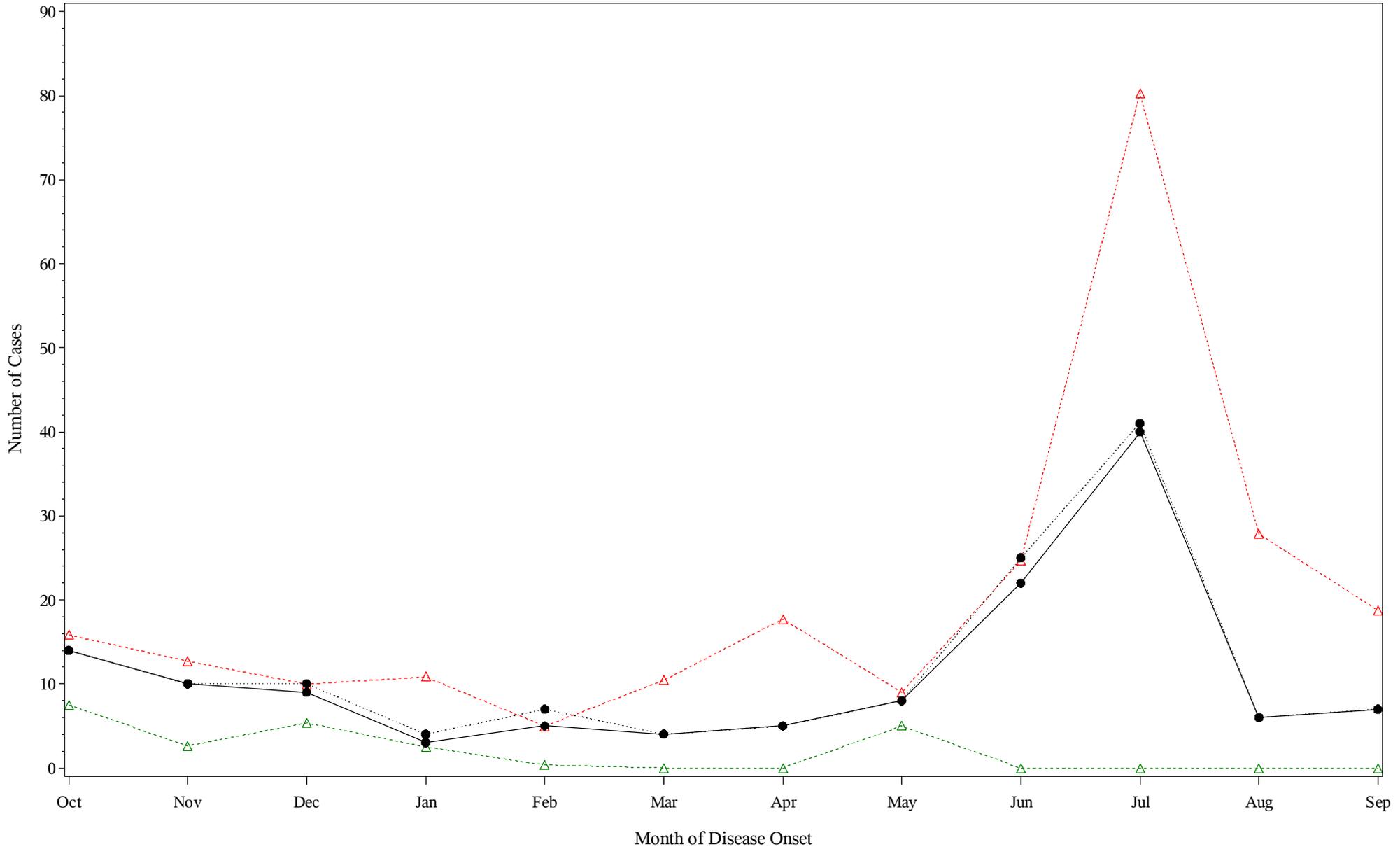
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Legionellosis



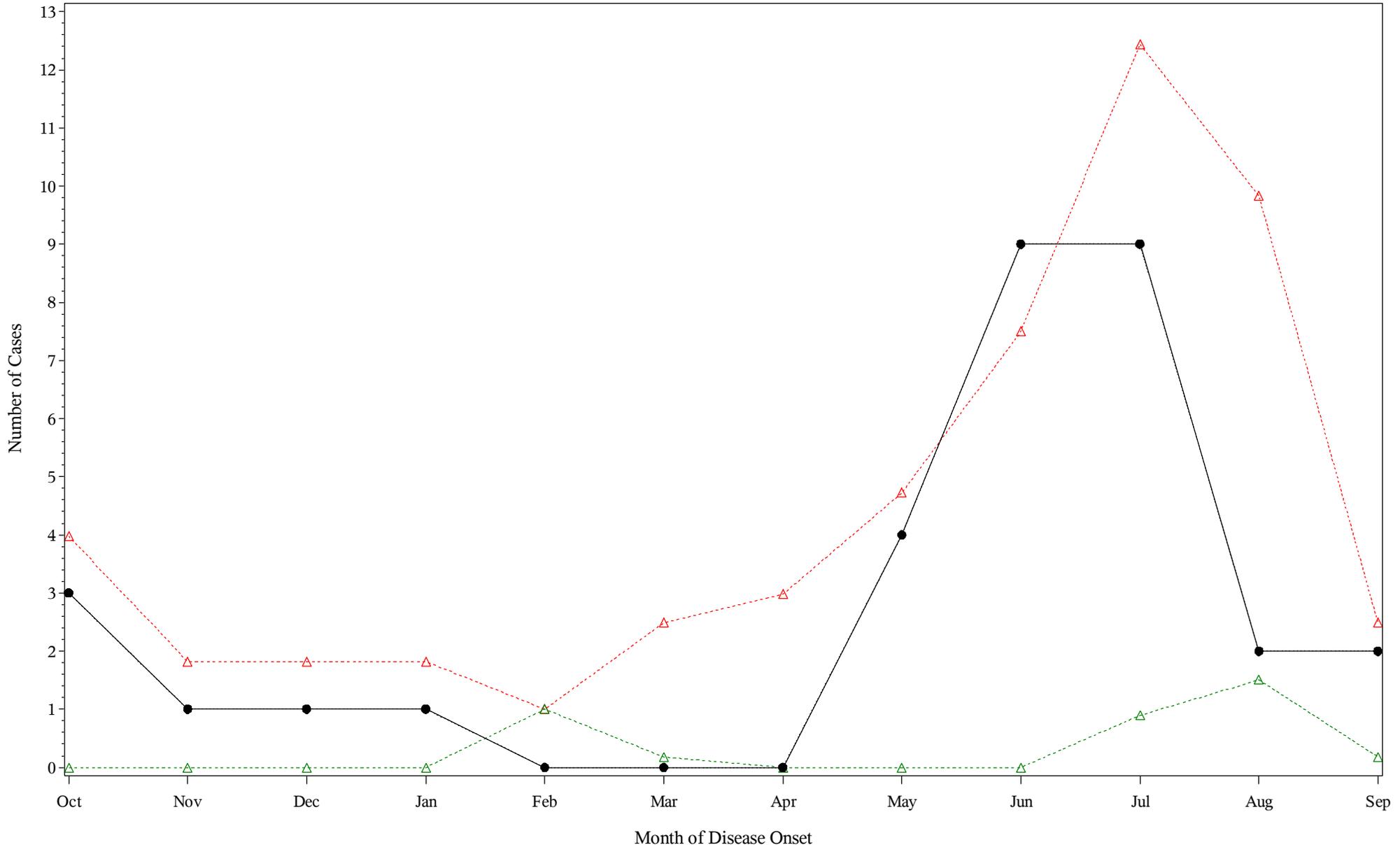
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Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Lyme Disease



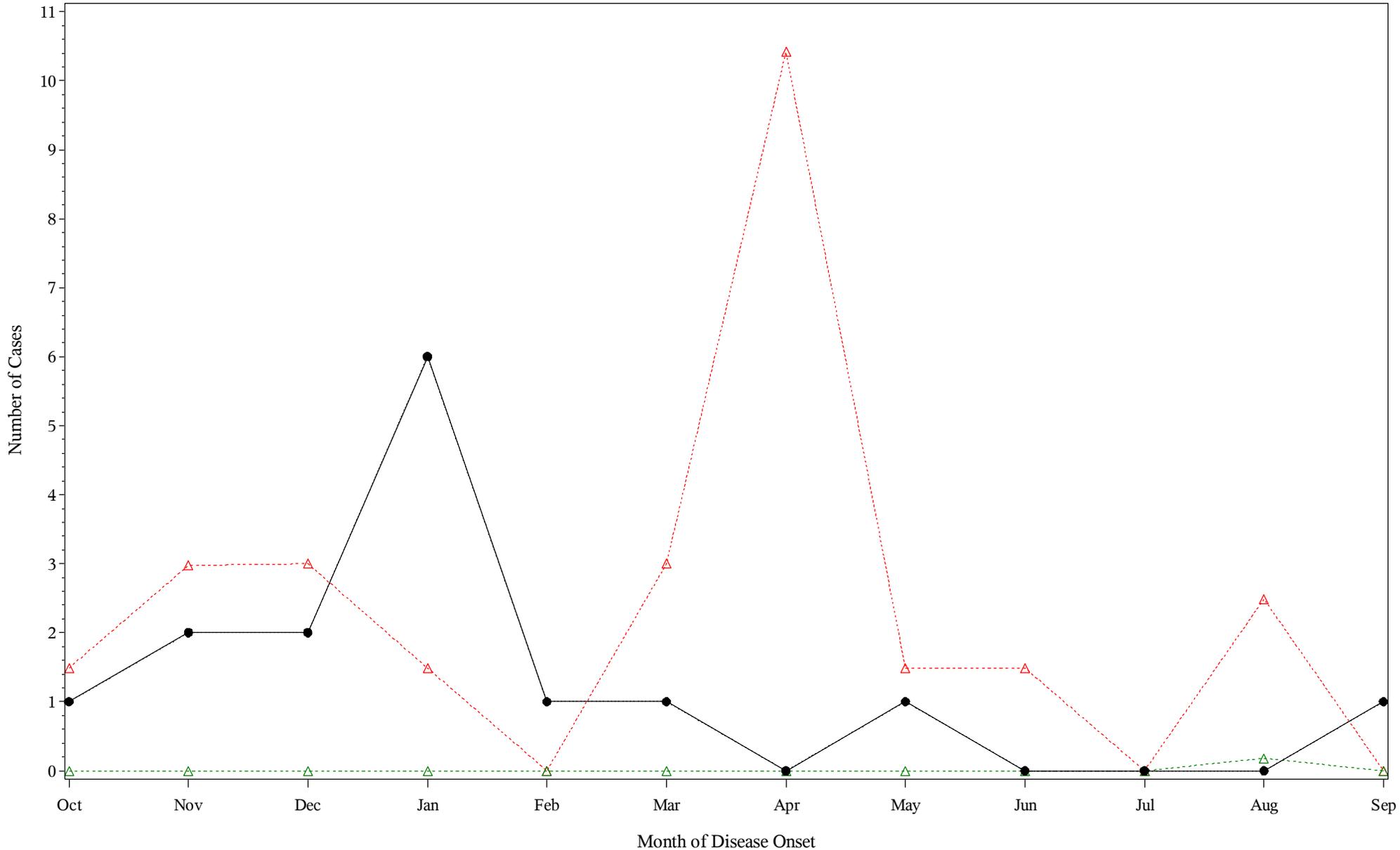
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Mumps



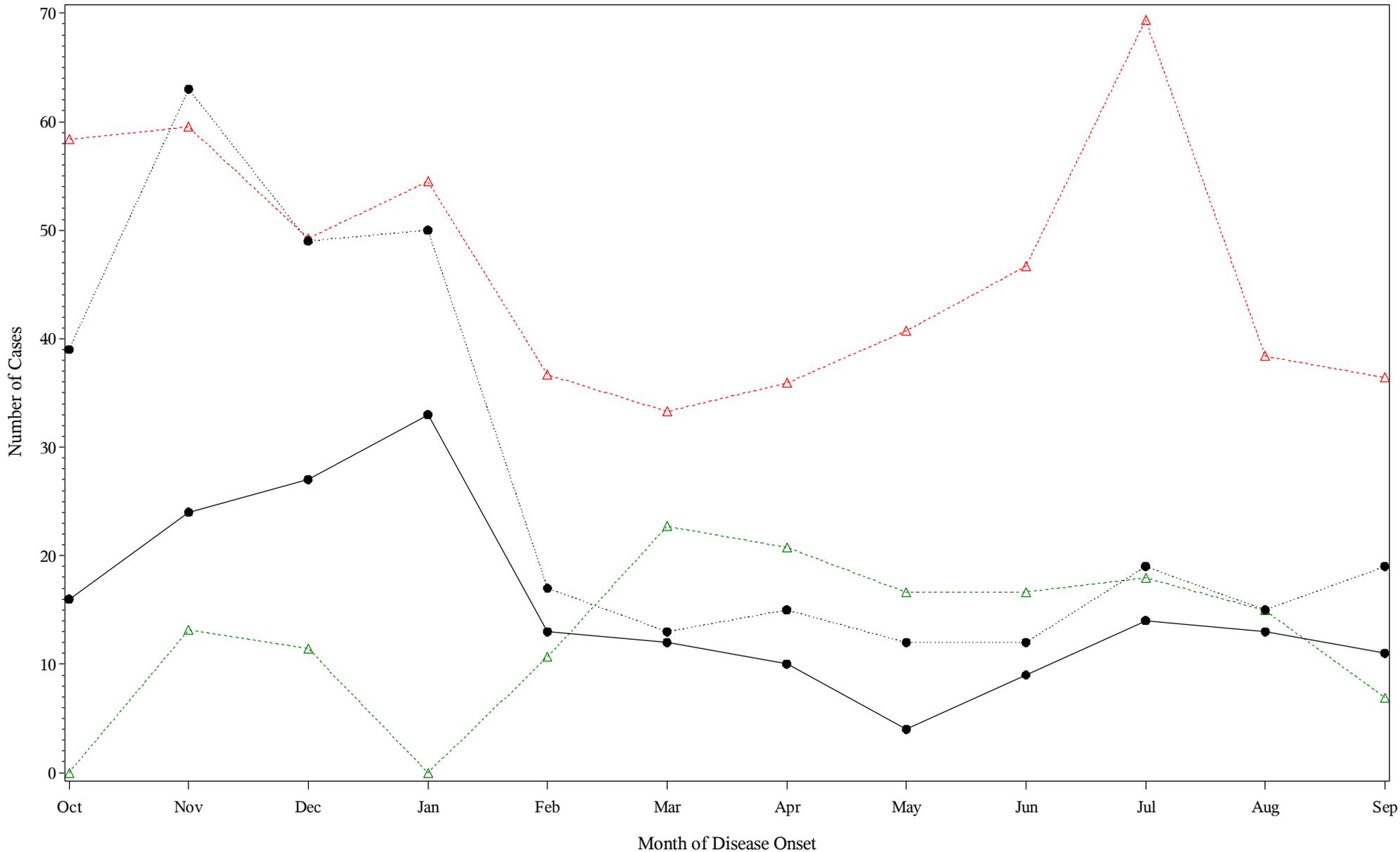
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Pertussis



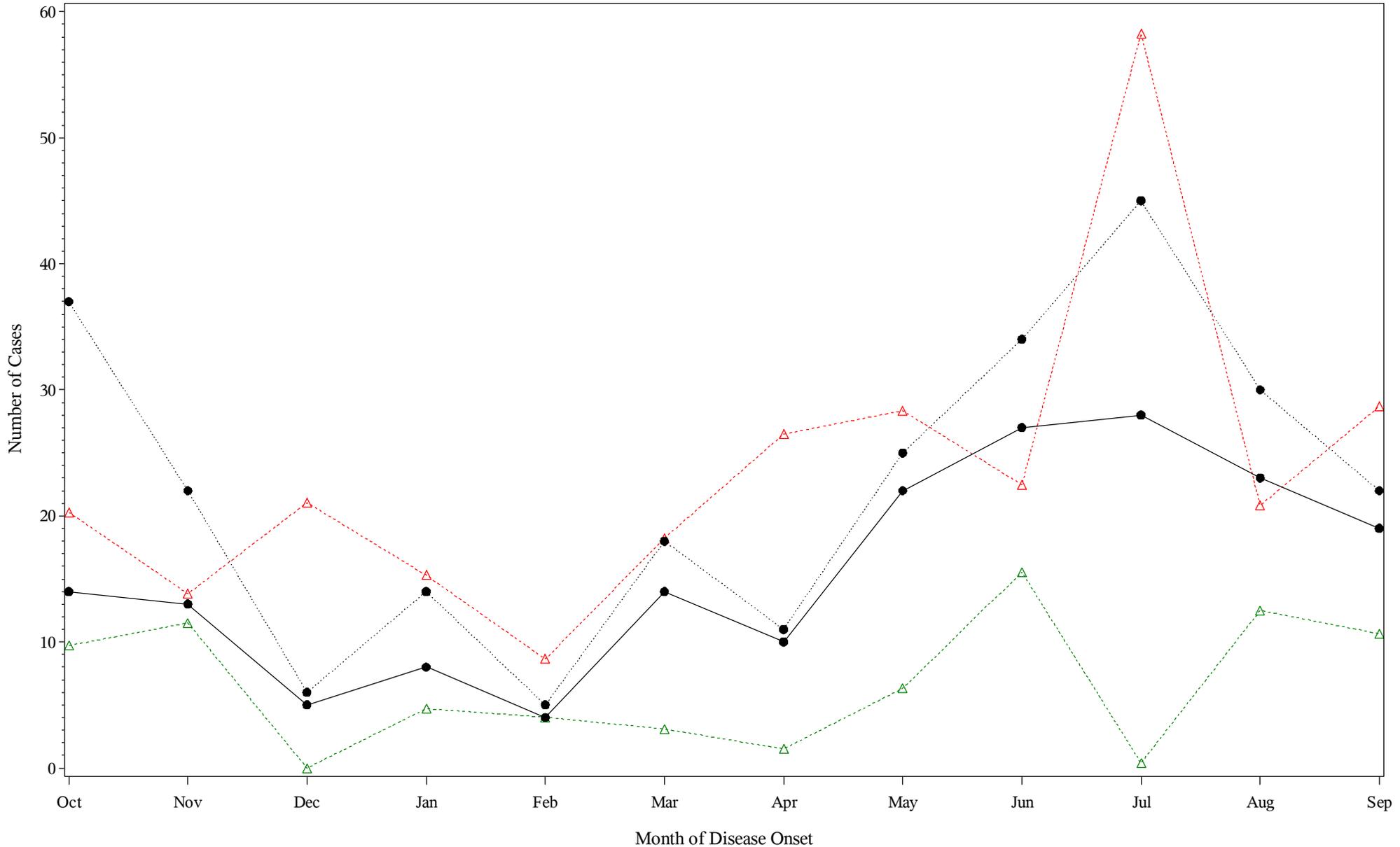
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Salmonellosis

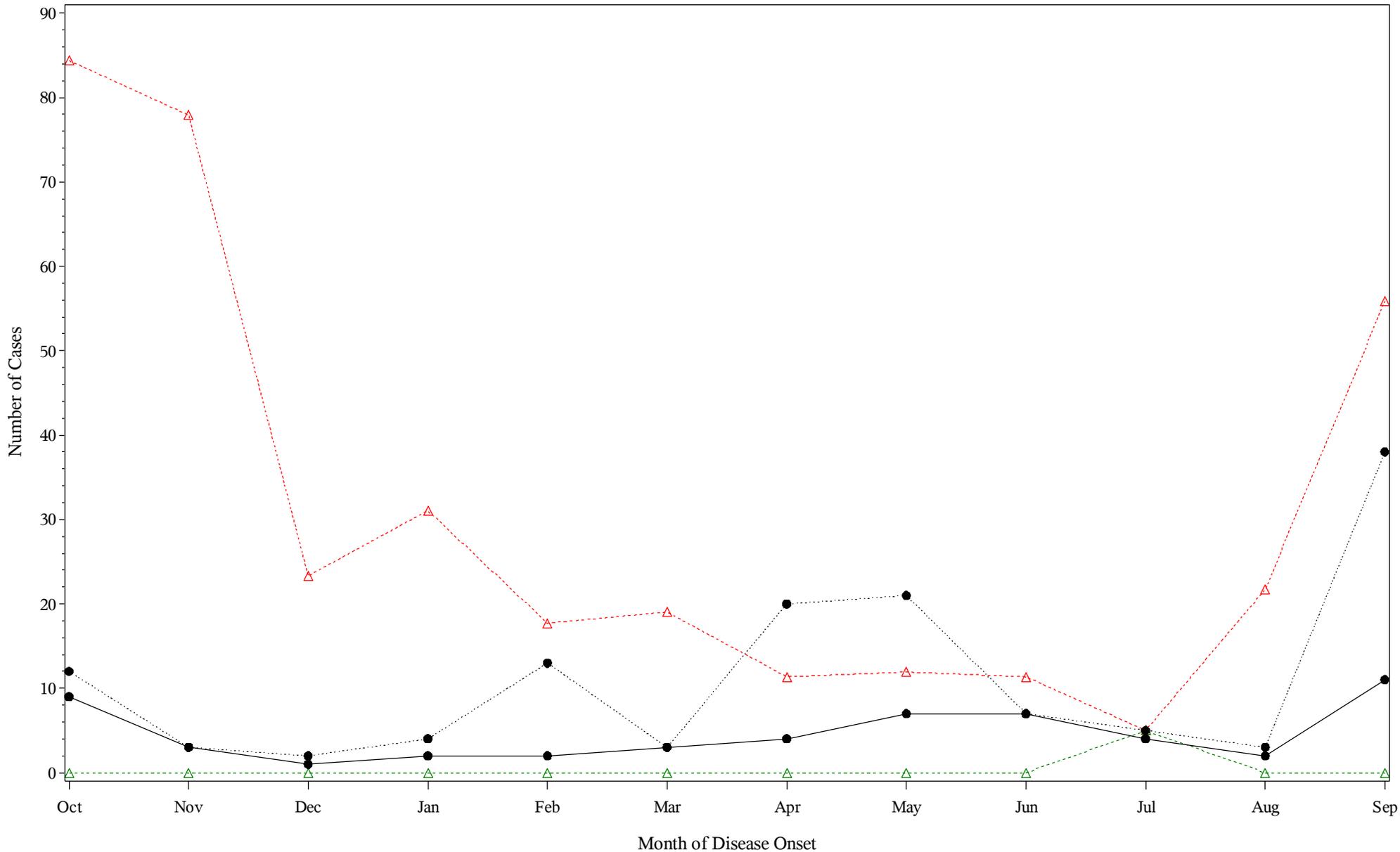


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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Shigellosis



△ △ △ + 2 Standard Deviations

△ △ △ - 2 Standard Deviations

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● ● ● 2014-2015 without Outbreak Cases

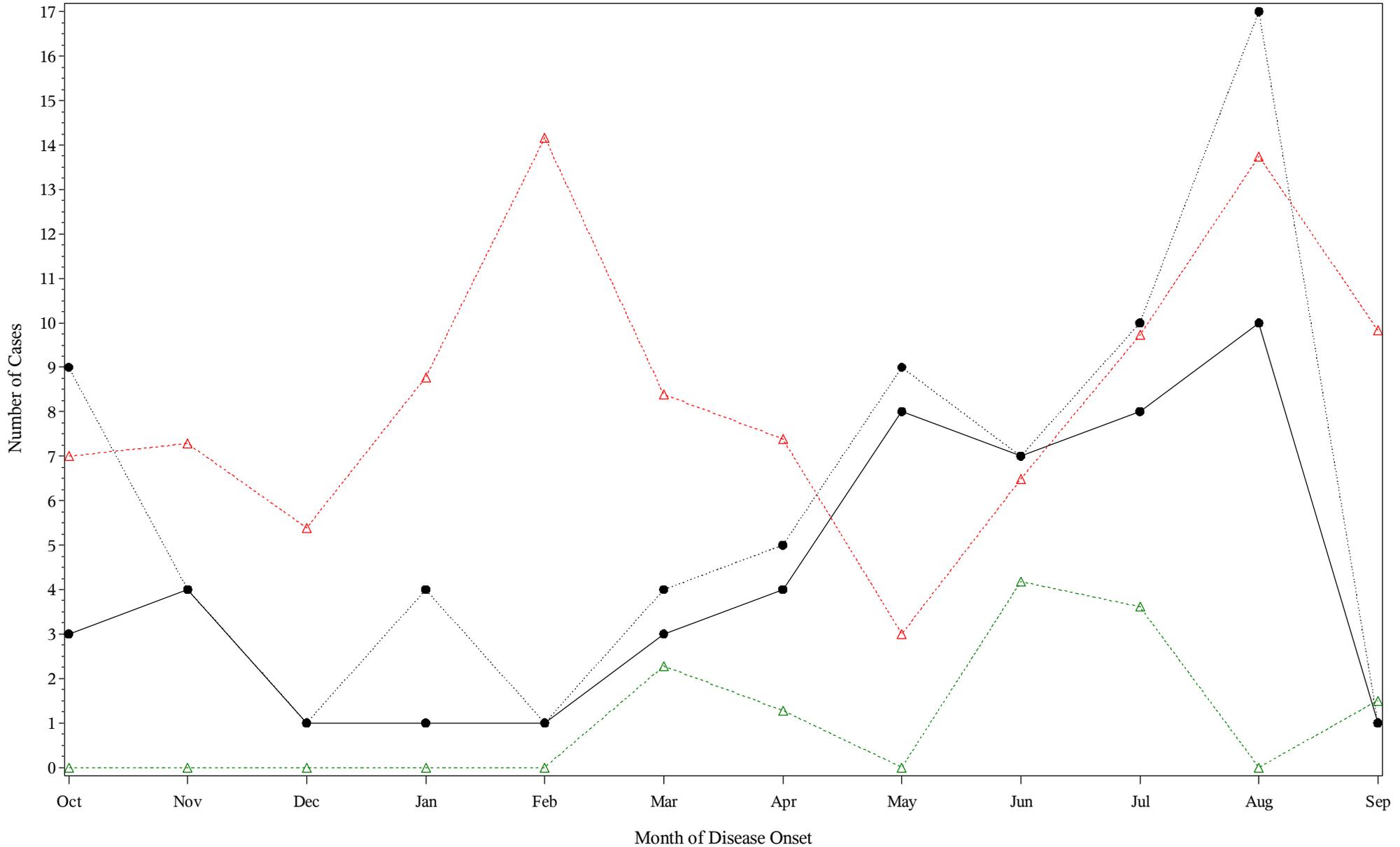
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Shiga Toxin-Producing Escherichia coli



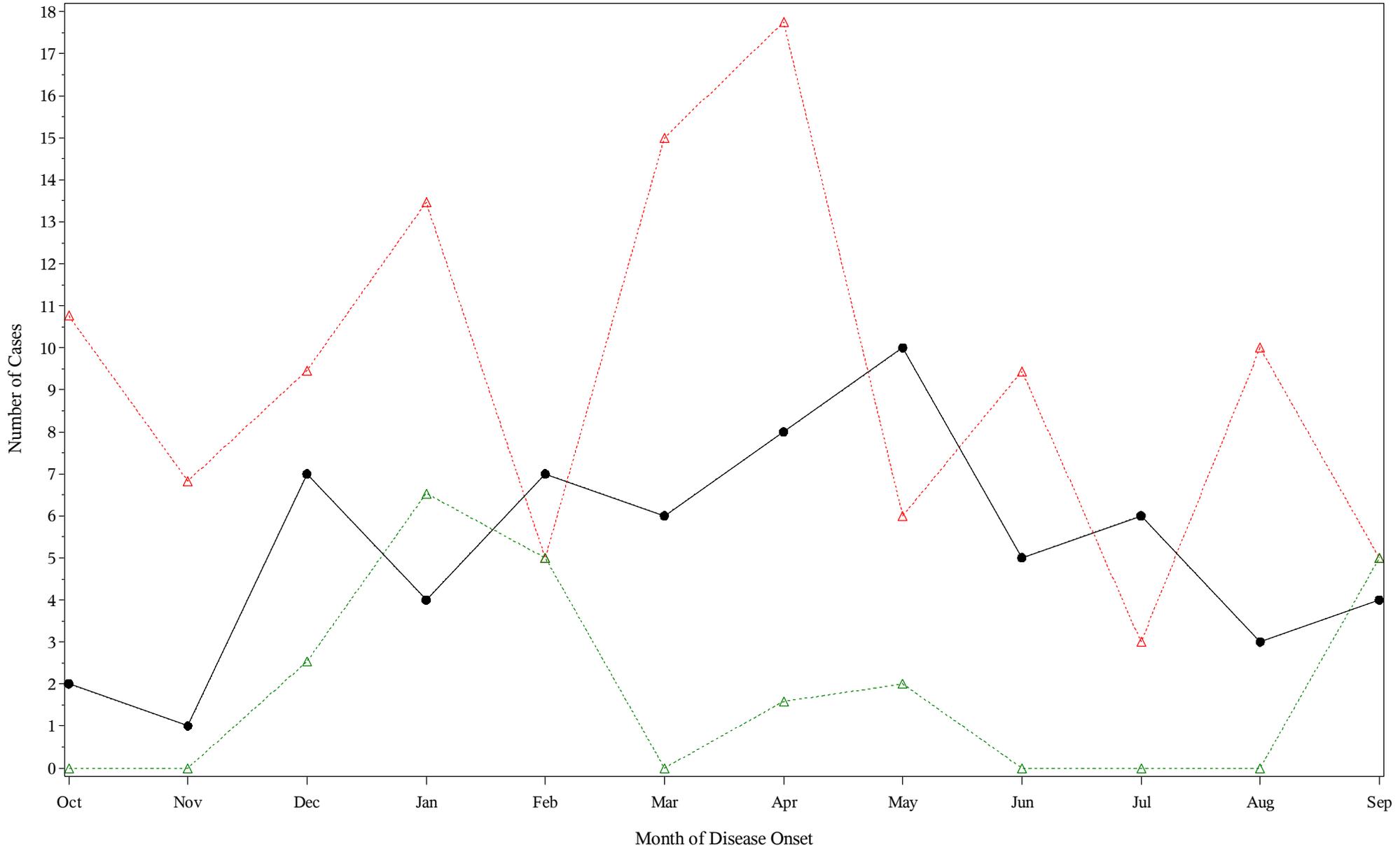
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Streptococcal Disease, Group A, Invasive



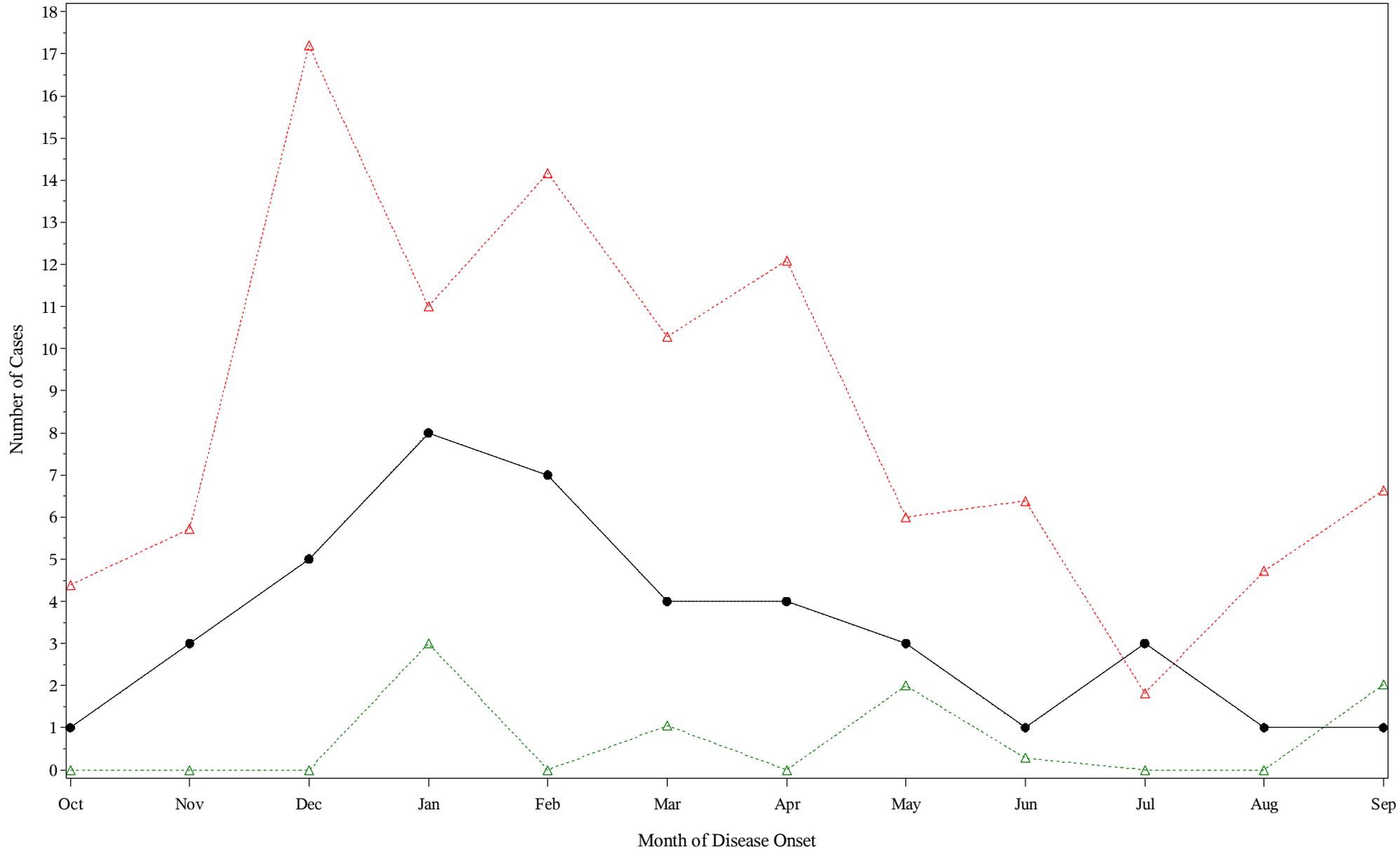
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate

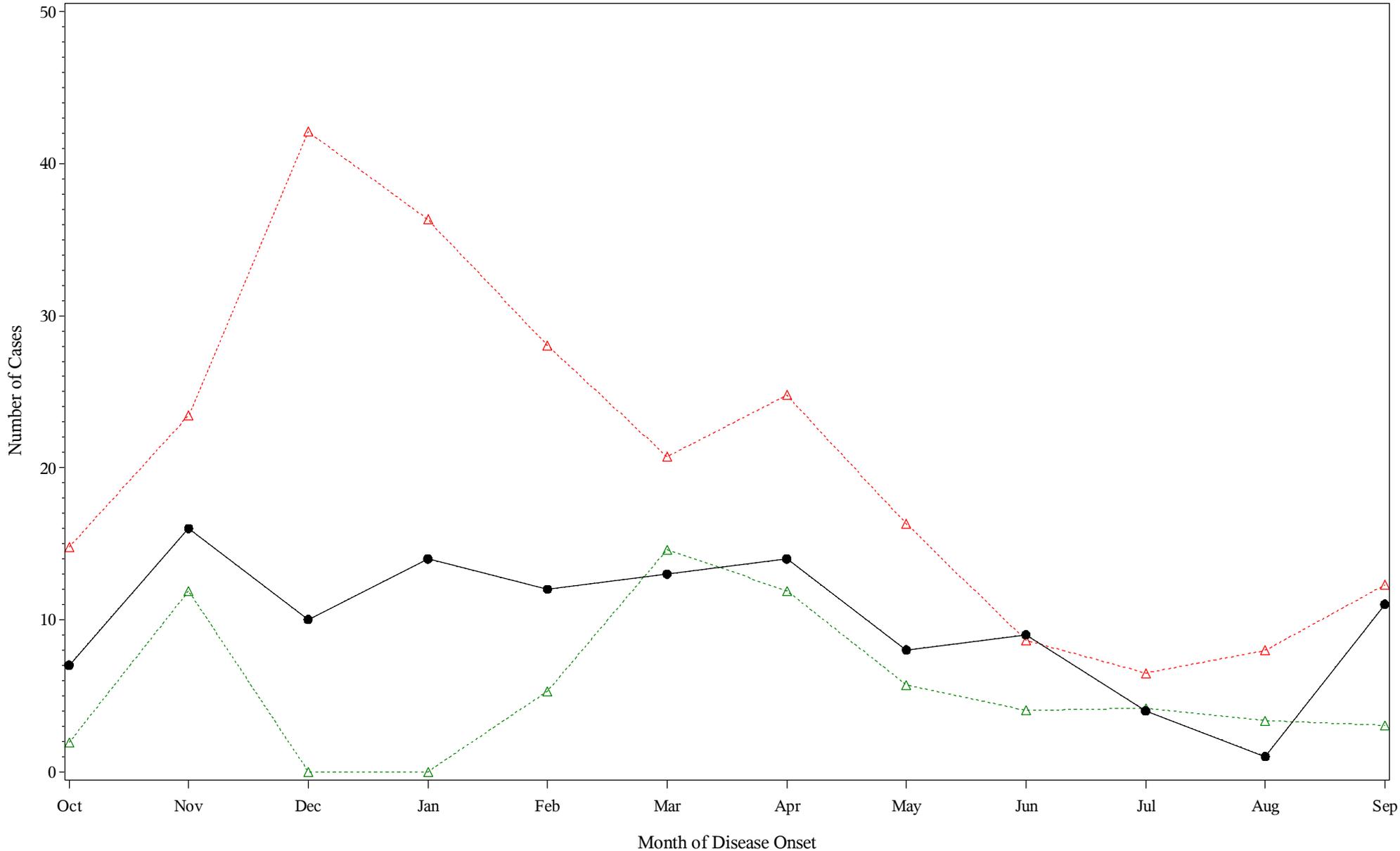


△ △ △ + 2 Standard Deviations     
 △ △ △ - 2 Standard Deviations  
● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown



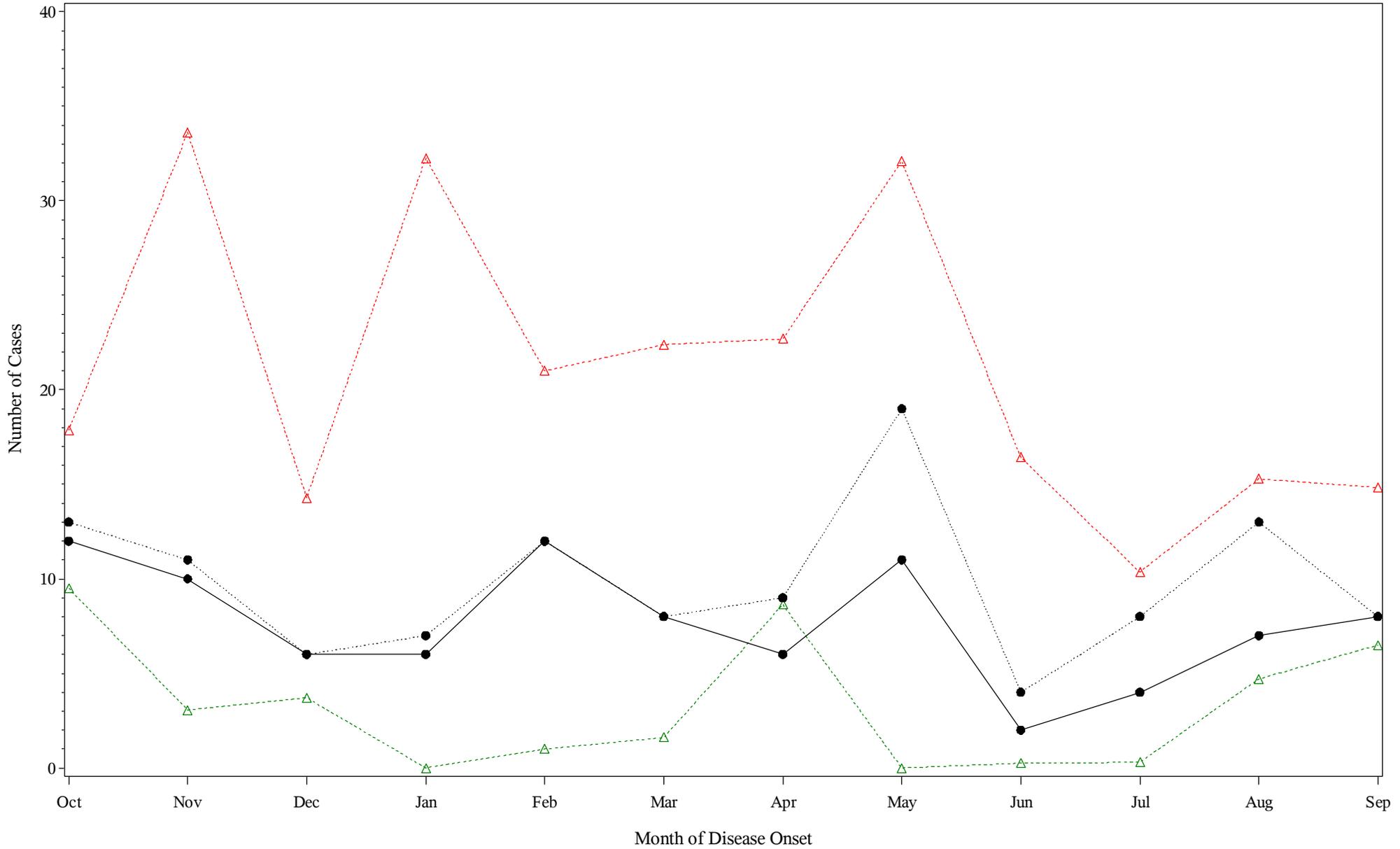
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central Varicella



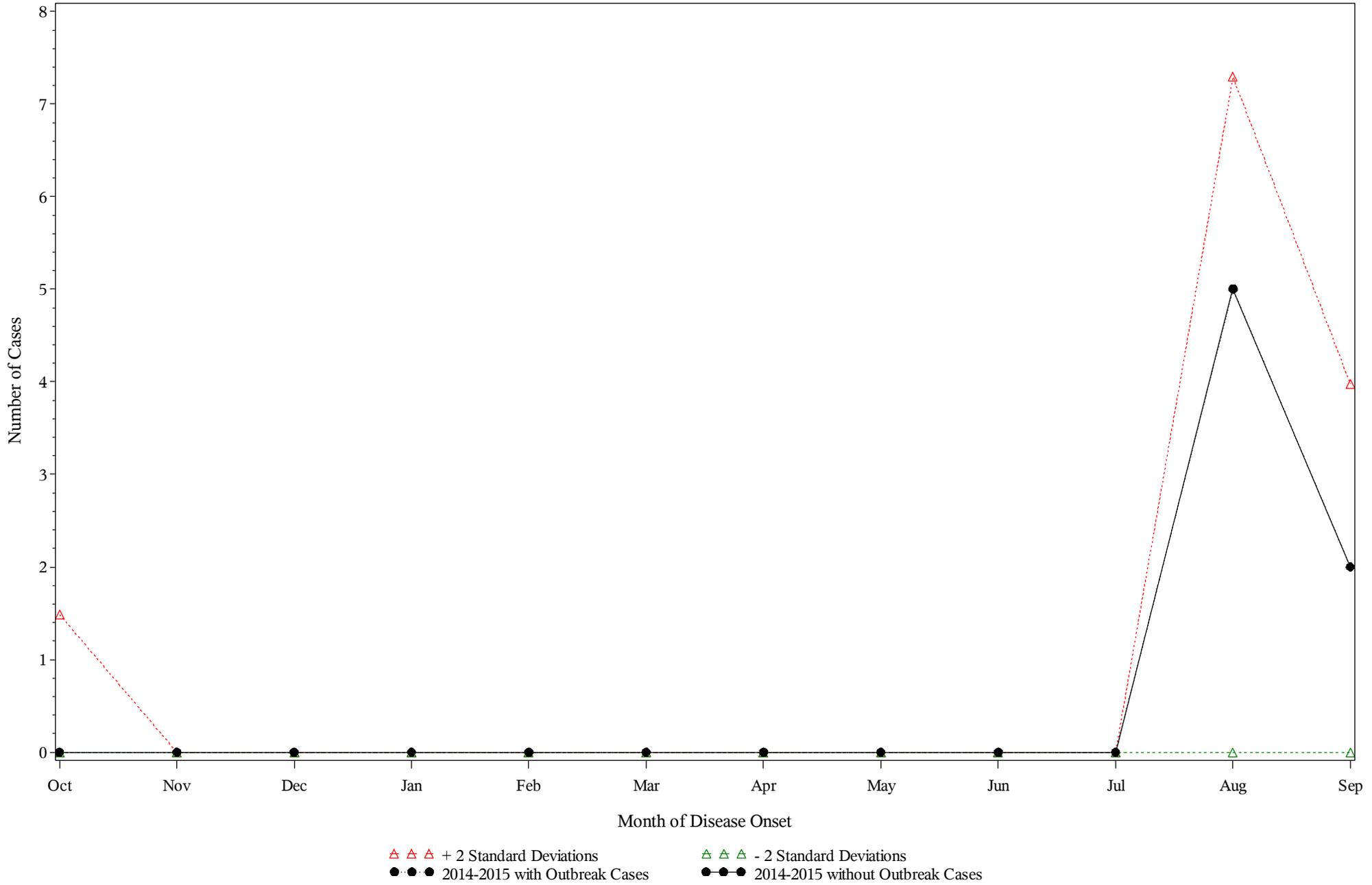
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Central West Nile Virus Disease



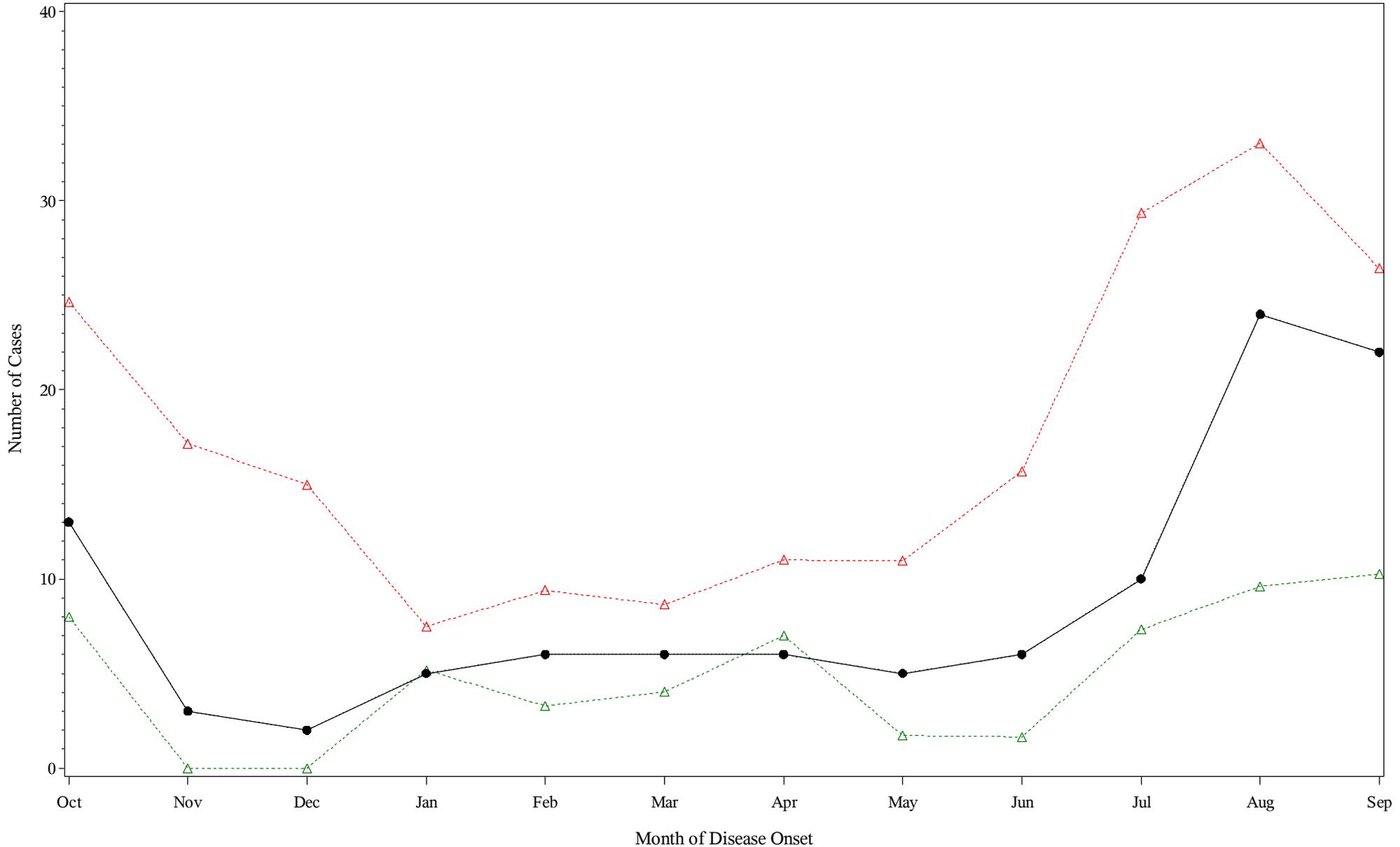
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

East Central      Aseptic Meningitis

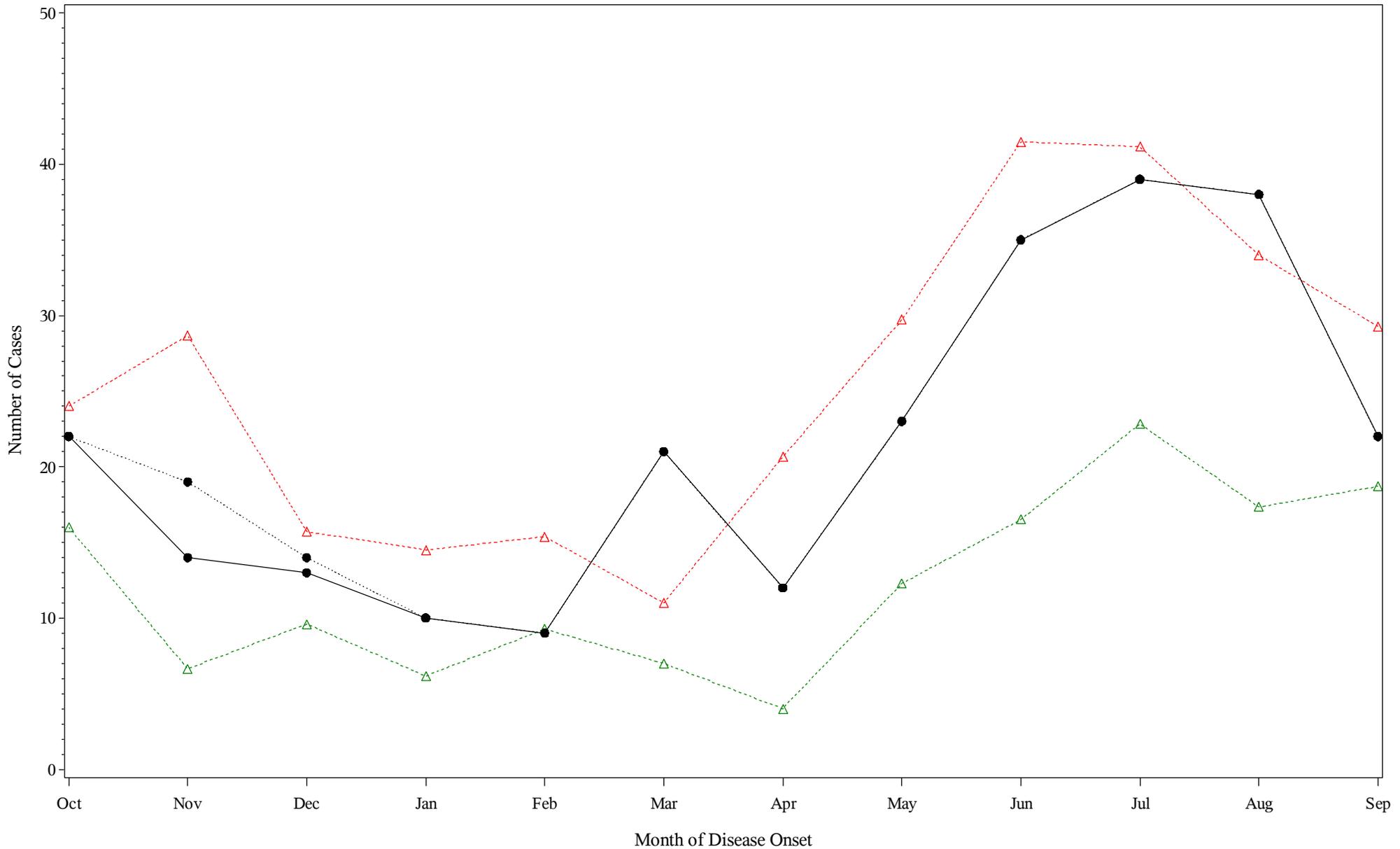


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● ● ● 2014-2015 with Outbreak Cases     
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

East Central      Campylobacteriosis



△ △ △ + 2 Standard Deviations

△ △ △ - 2 Standard Deviations

● ● ● 2014-2015 with Outbreak Cases

● ● ● 2014-2015 without Outbreak Cases

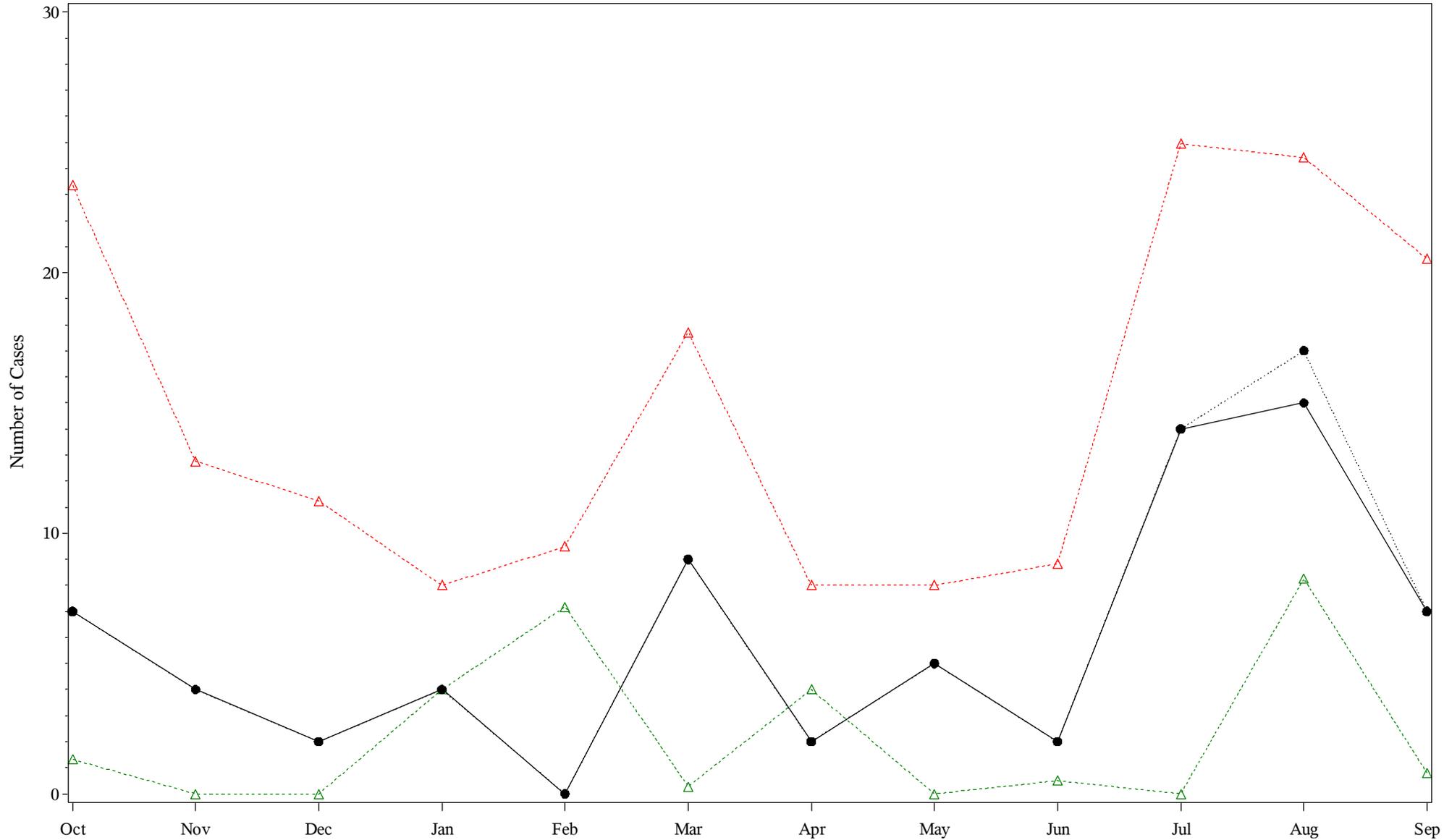
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

East Central      Cryptosporidiosis

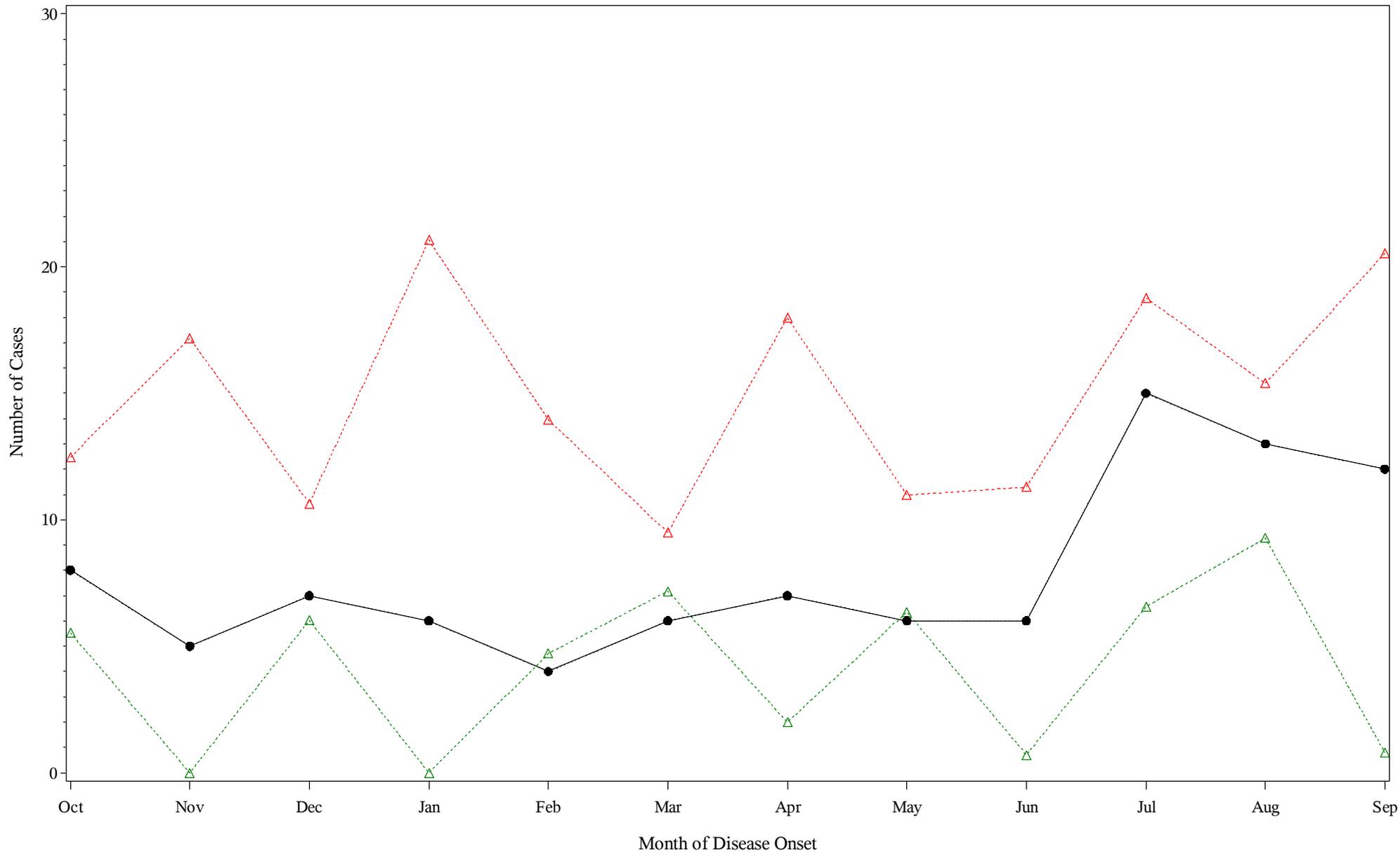


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

East Central      Giardiasis



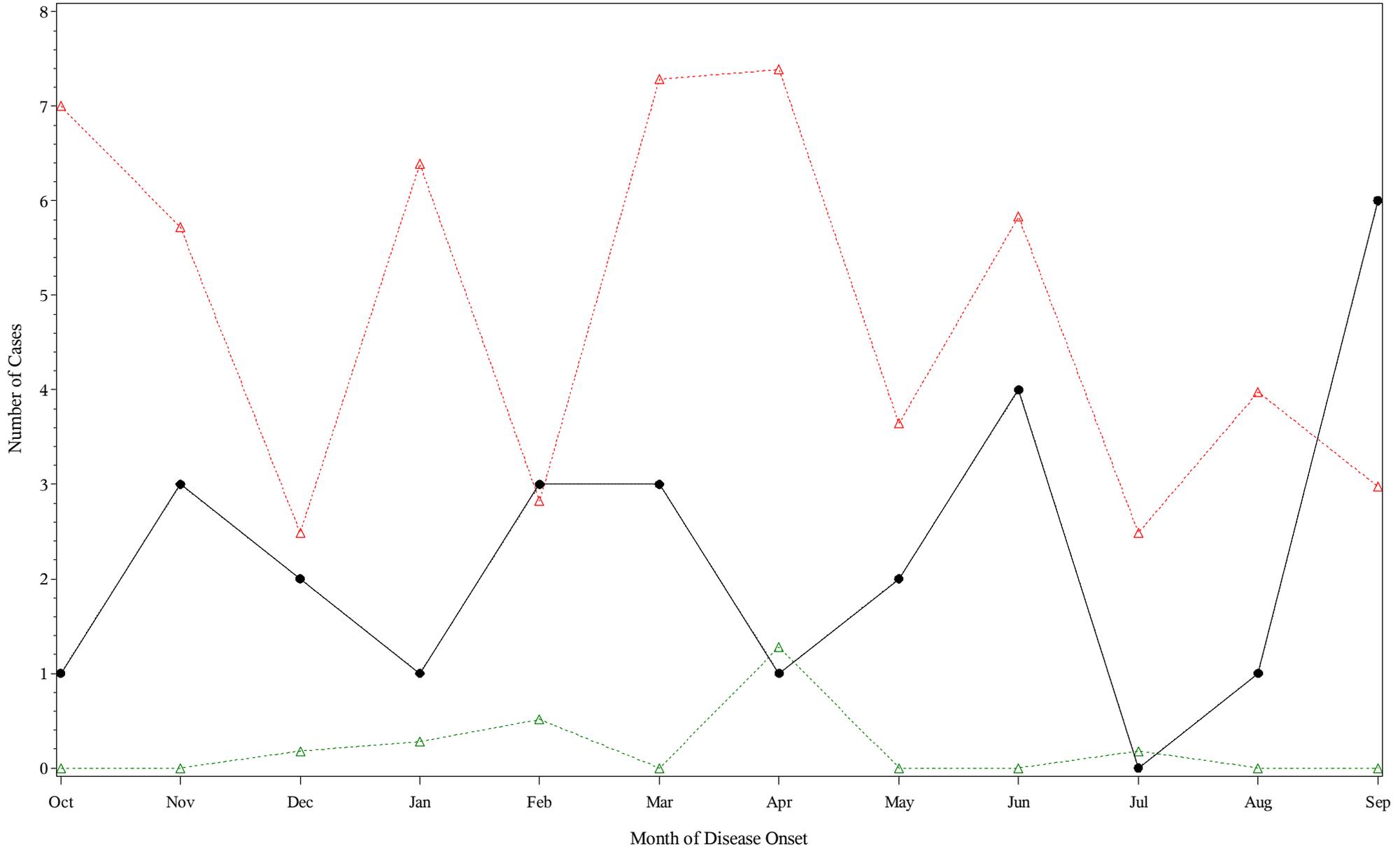
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

East Central Haemophilus influenzae, Invasive



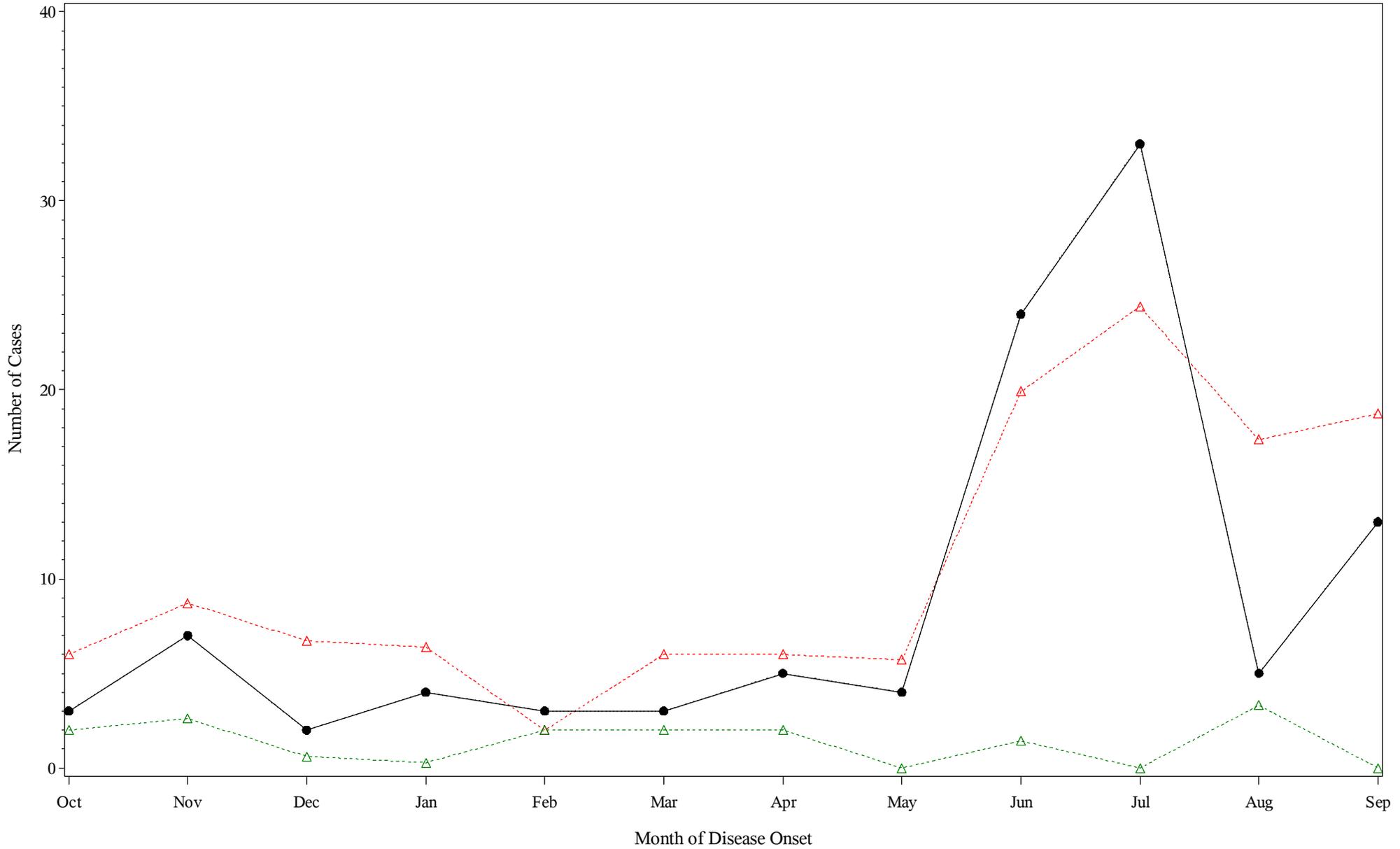
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

East Central Legionellosis



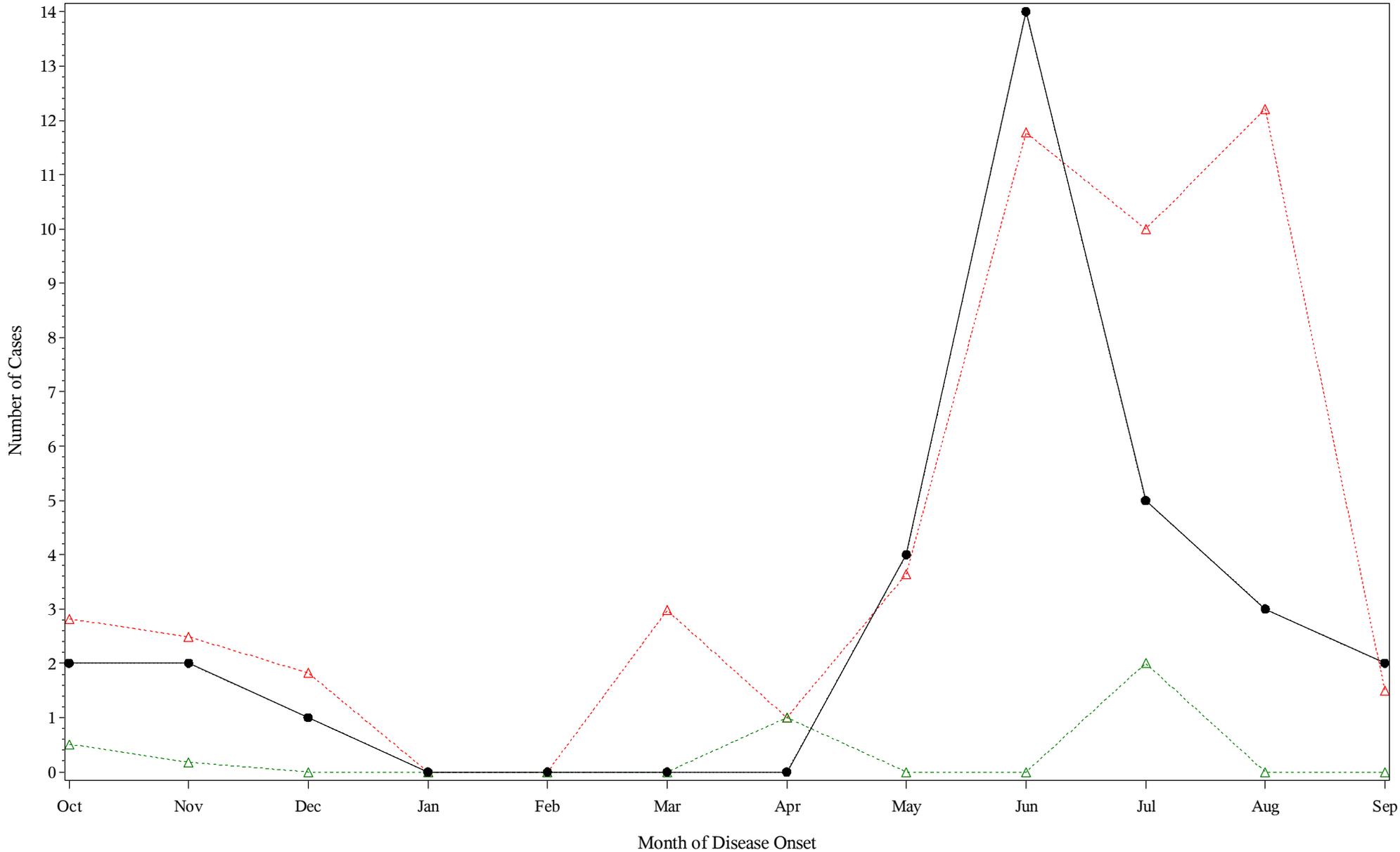
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

East Central Lyme Disease



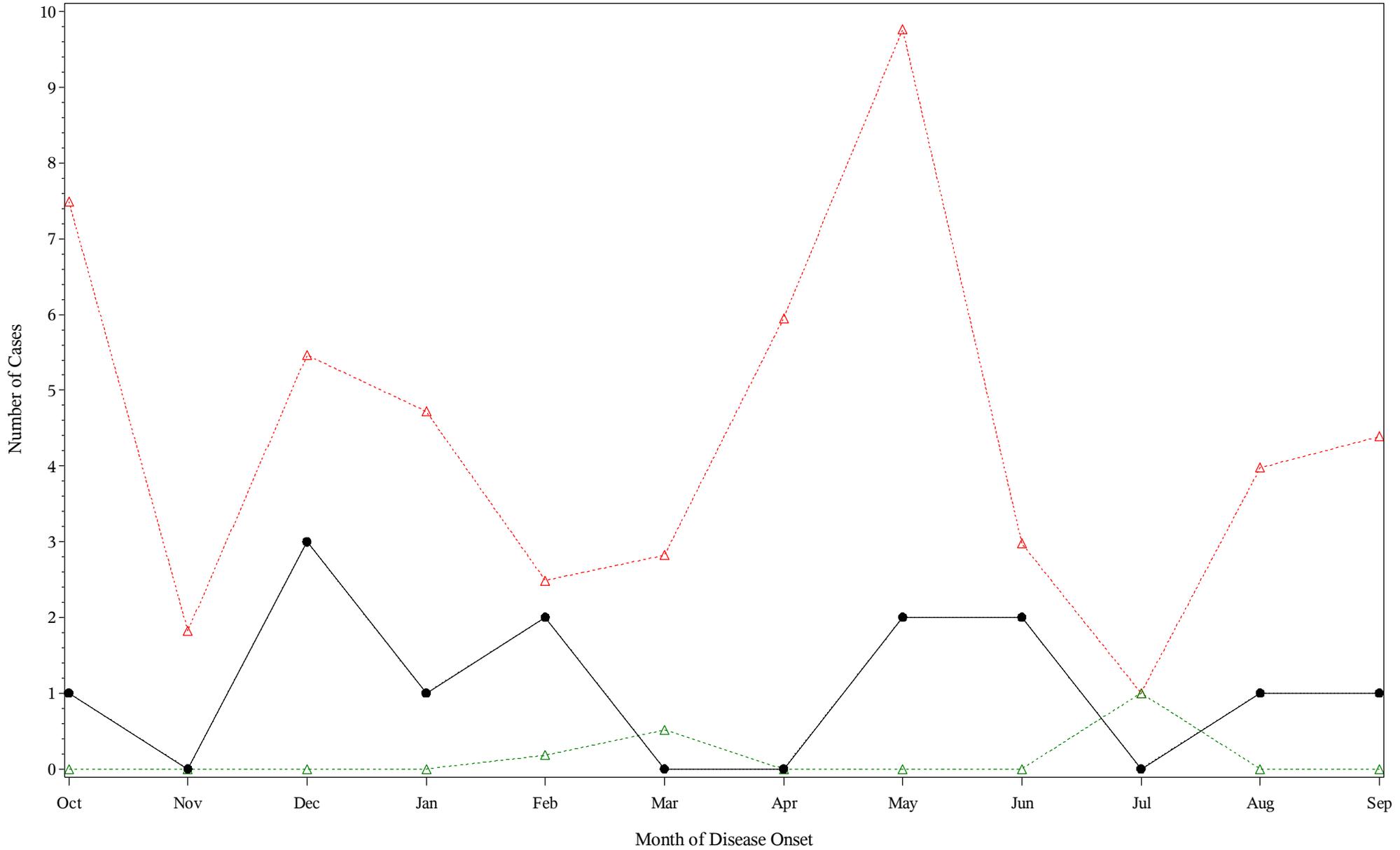
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

## East Central      Bacterial Meningitis



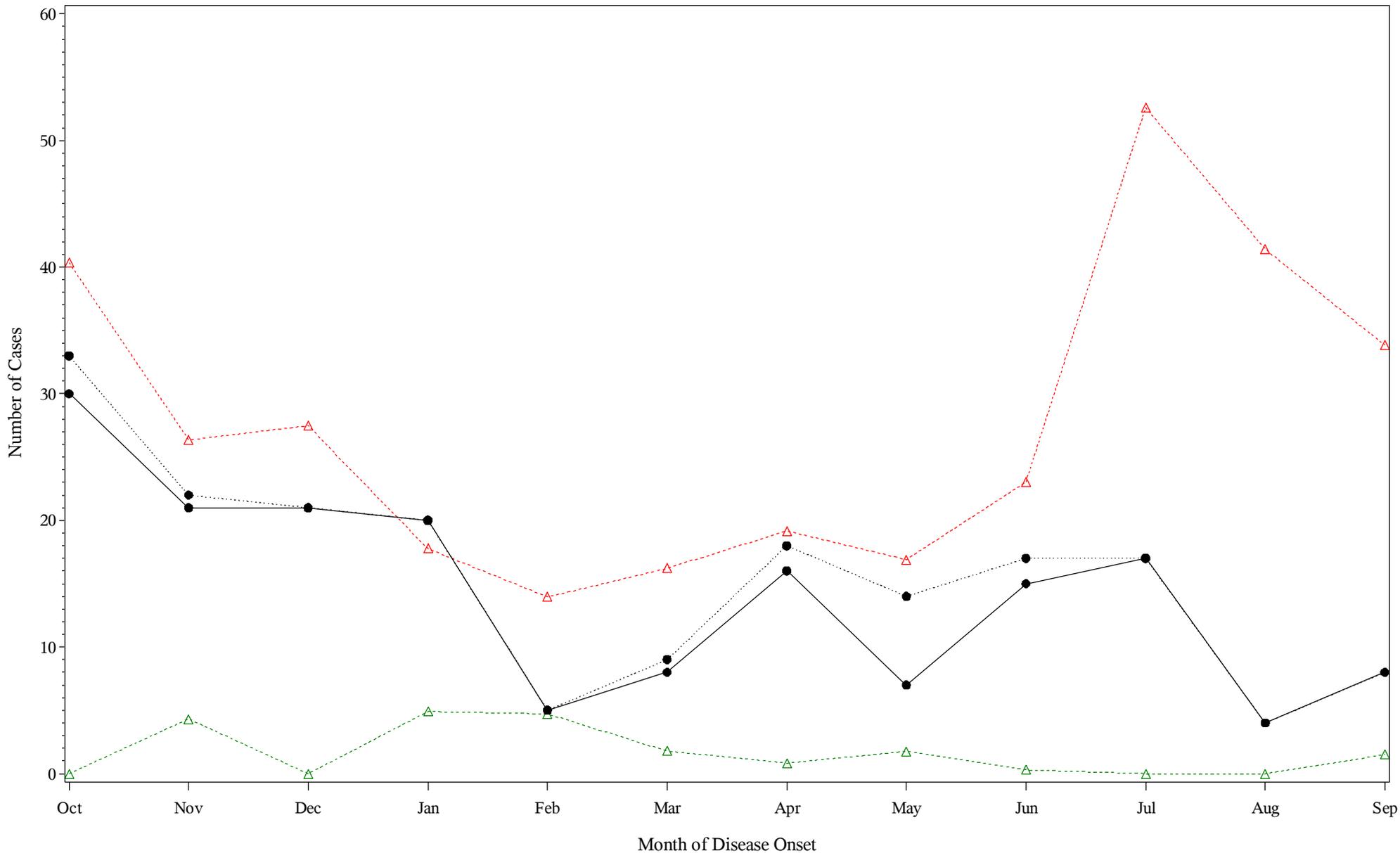
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● ● ● 2014-2015 with Outbreak Cases      ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

East Central Pertussis

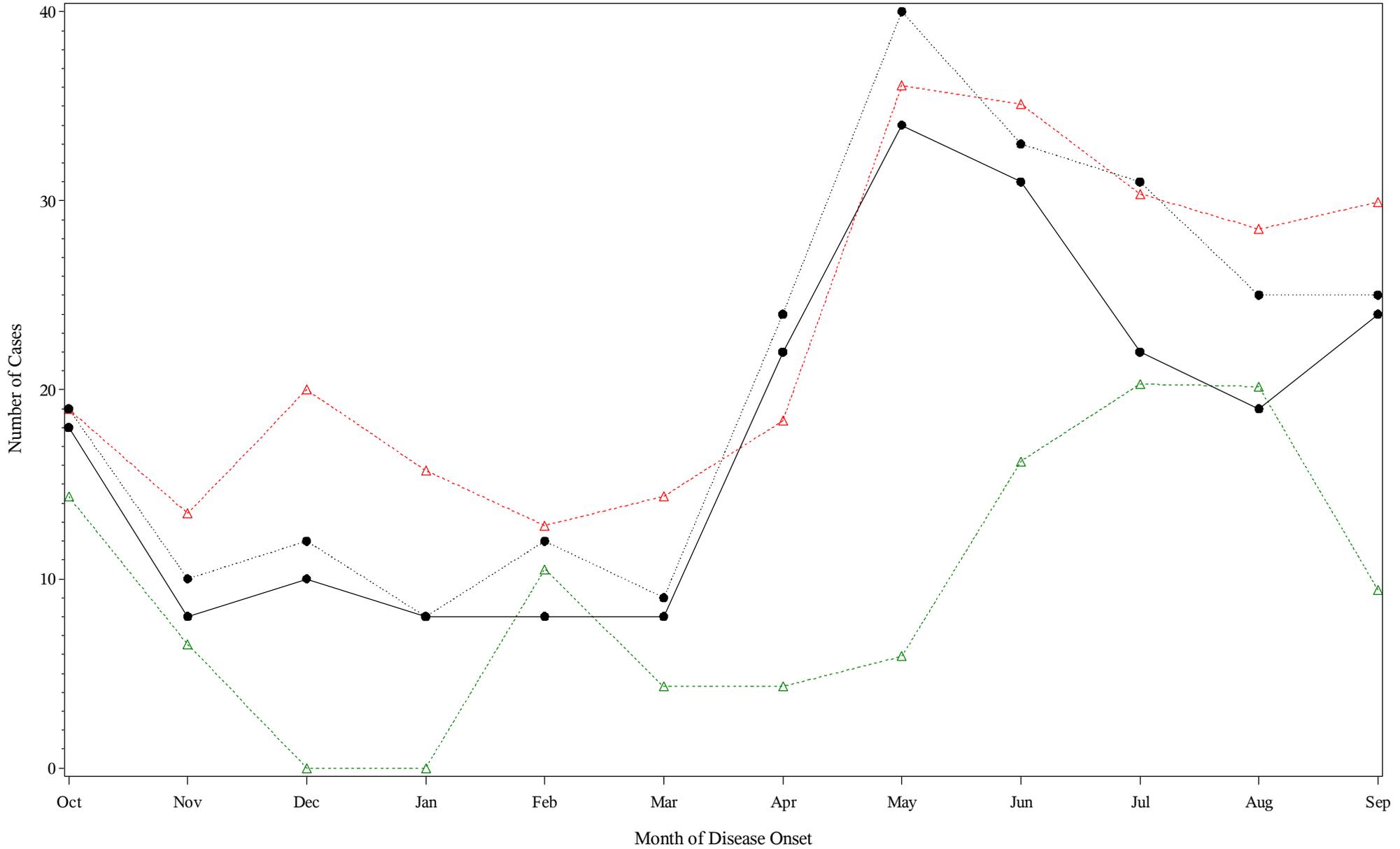


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

East Central Salmonellosis



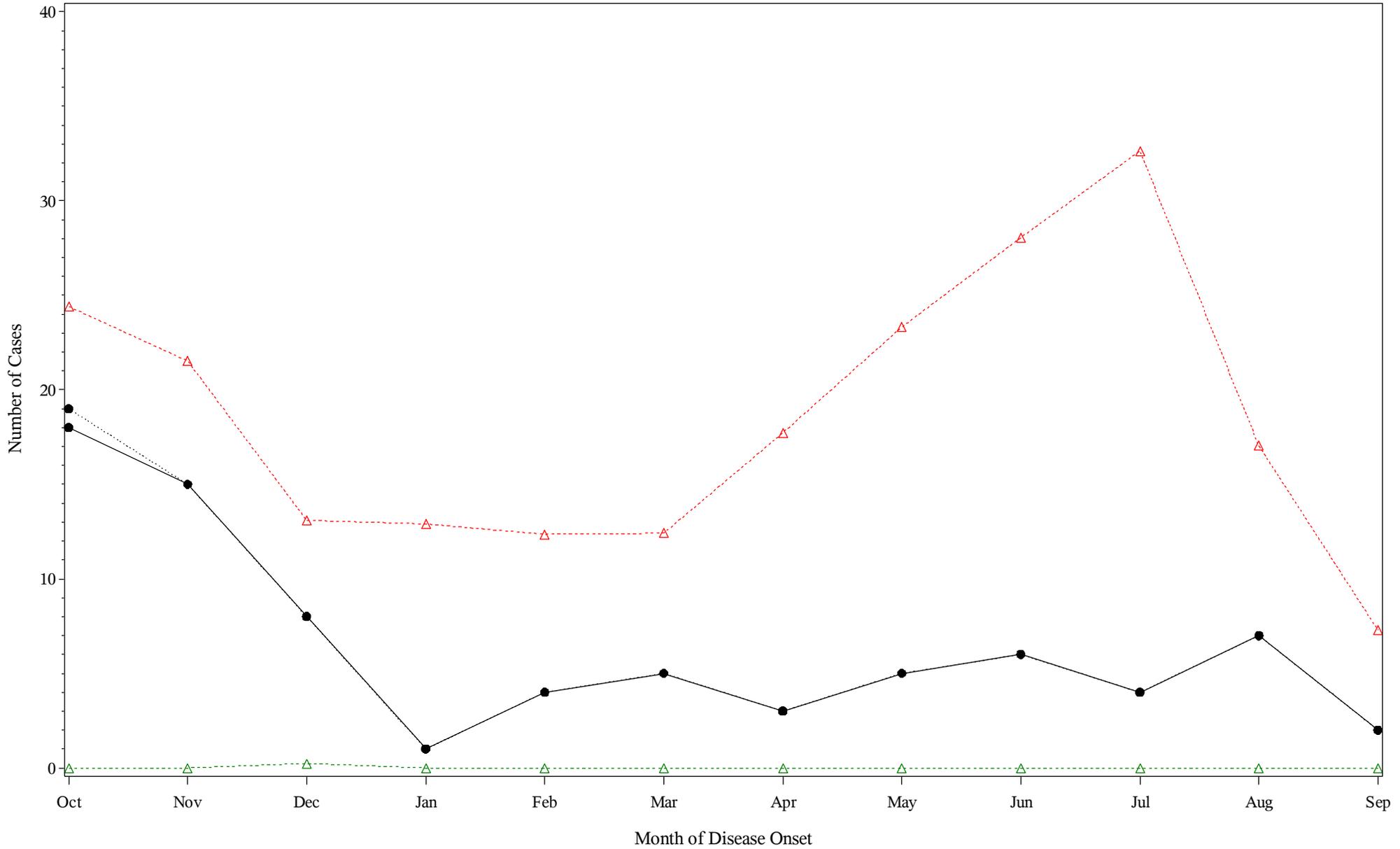
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

East Central Shigellosis



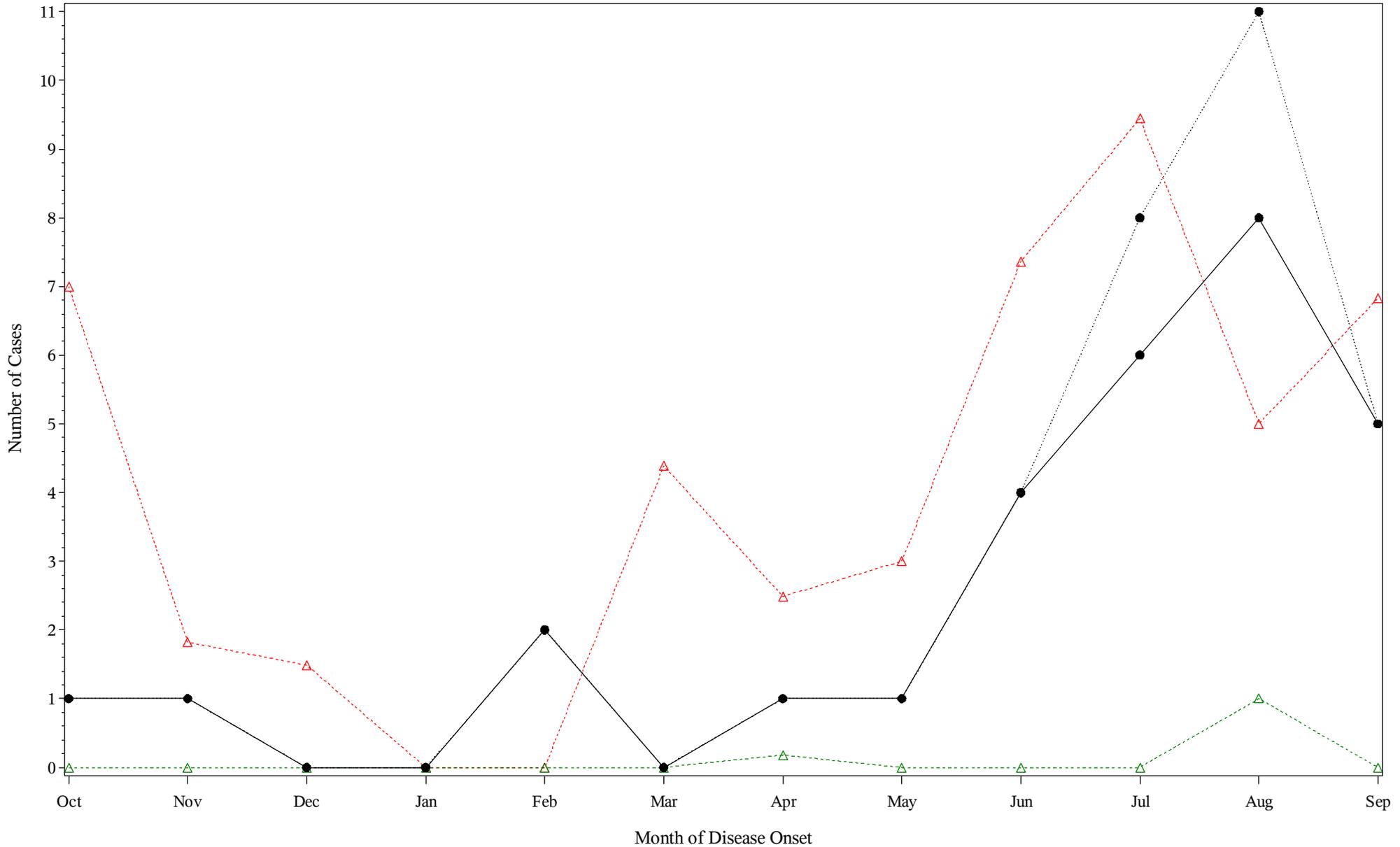
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

East Central Shiga Toxin-Producing Escherichia coli



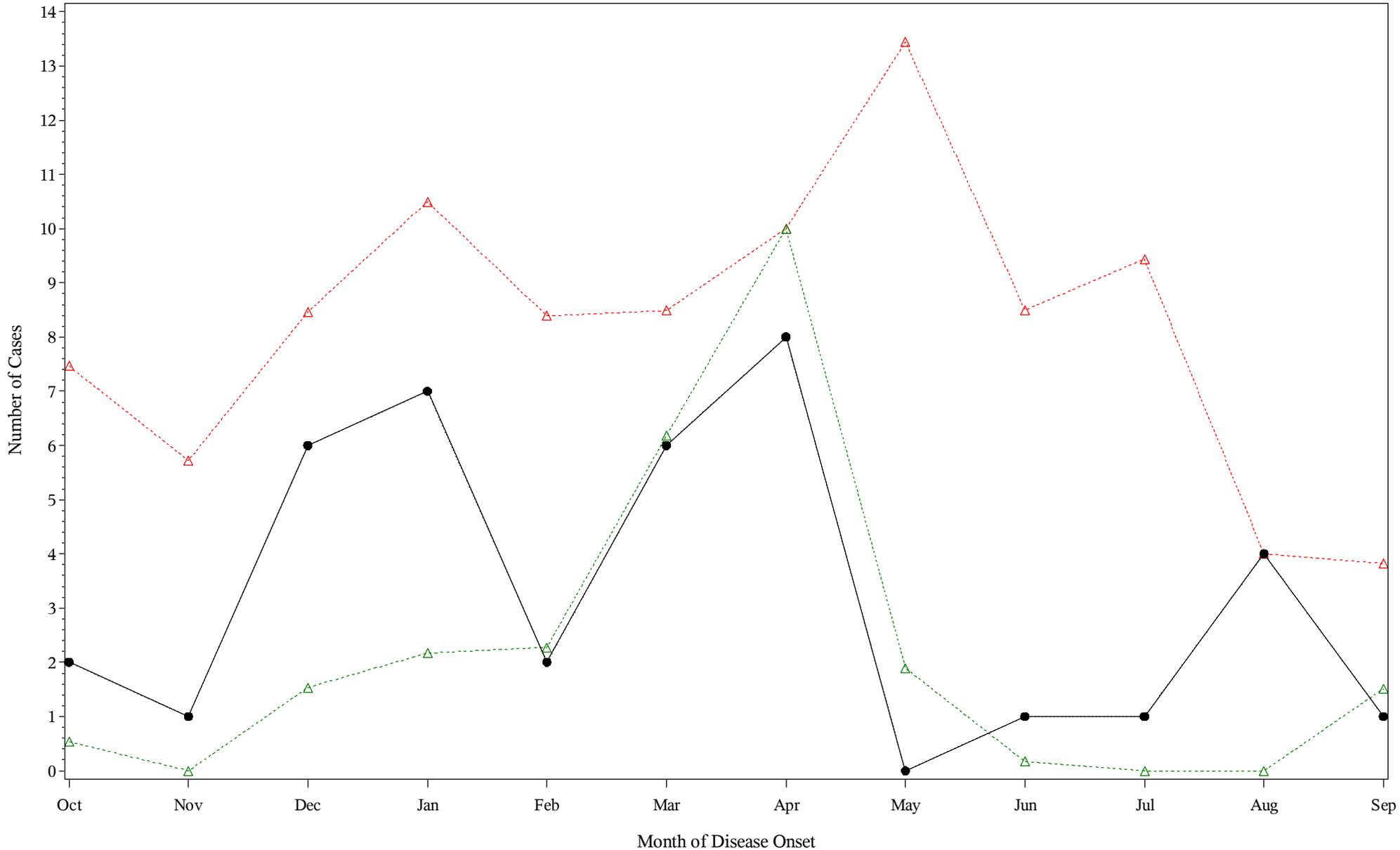
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

## East Central      Streptococcal Disease, Group A, Invasive

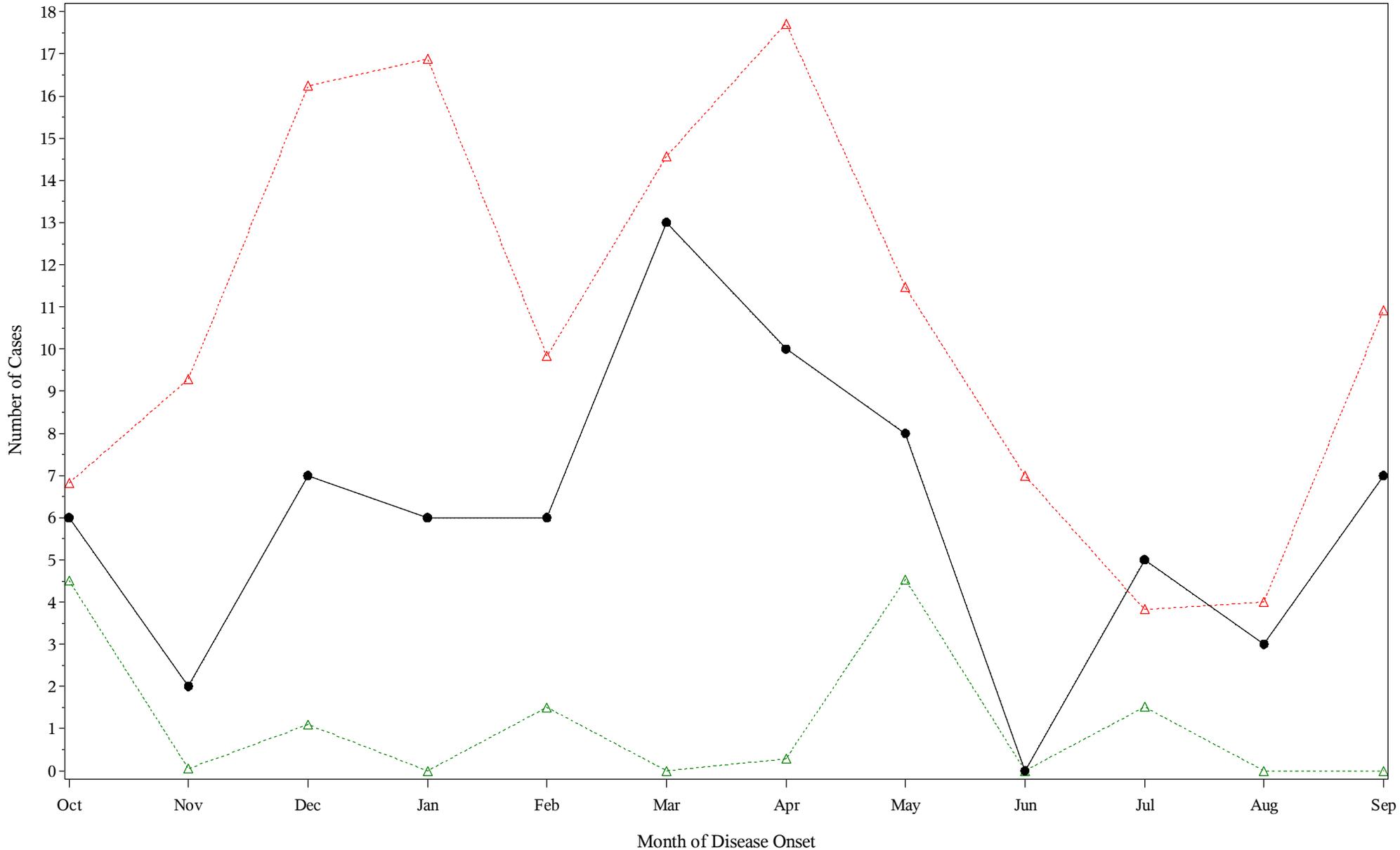


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

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

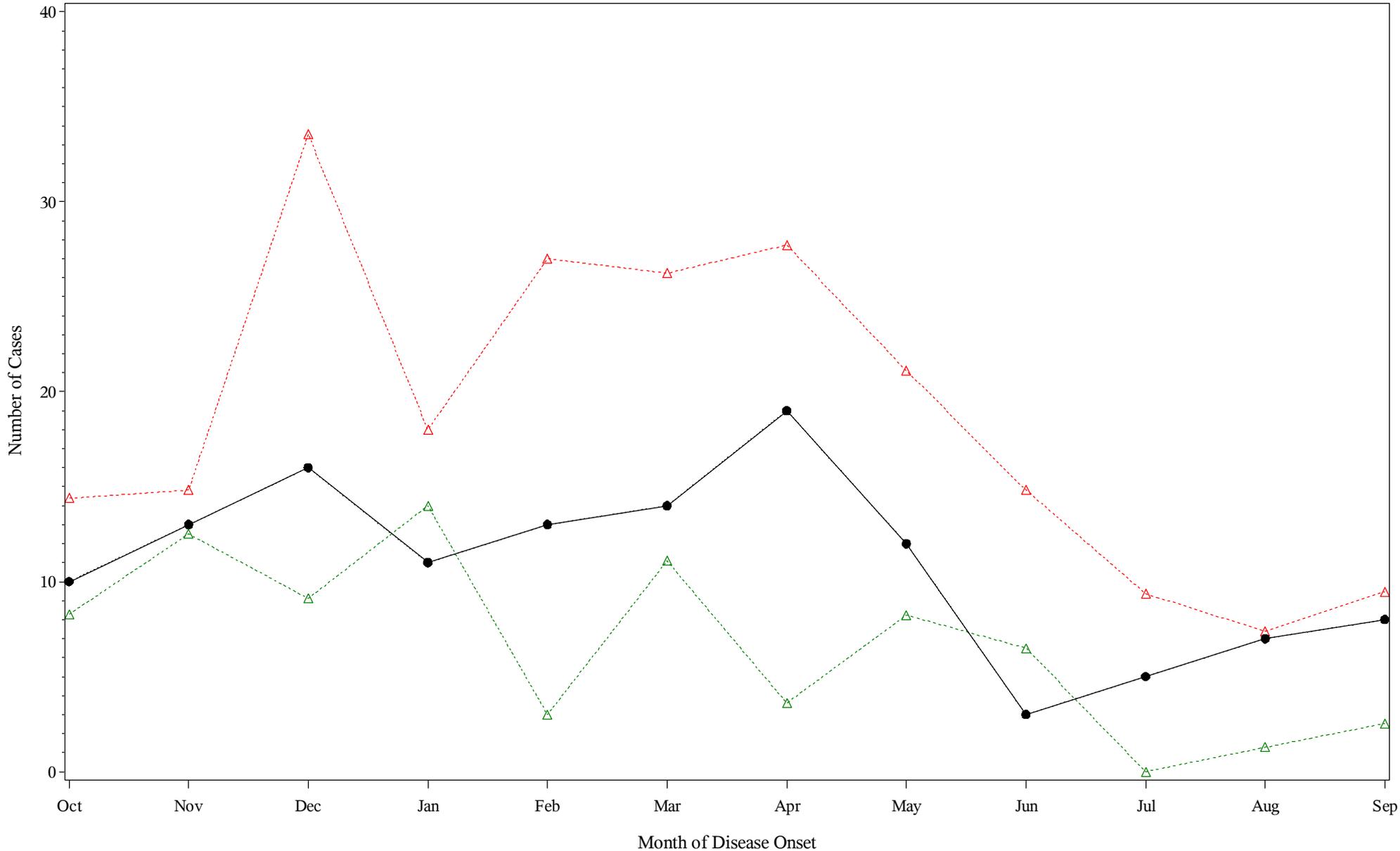


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

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

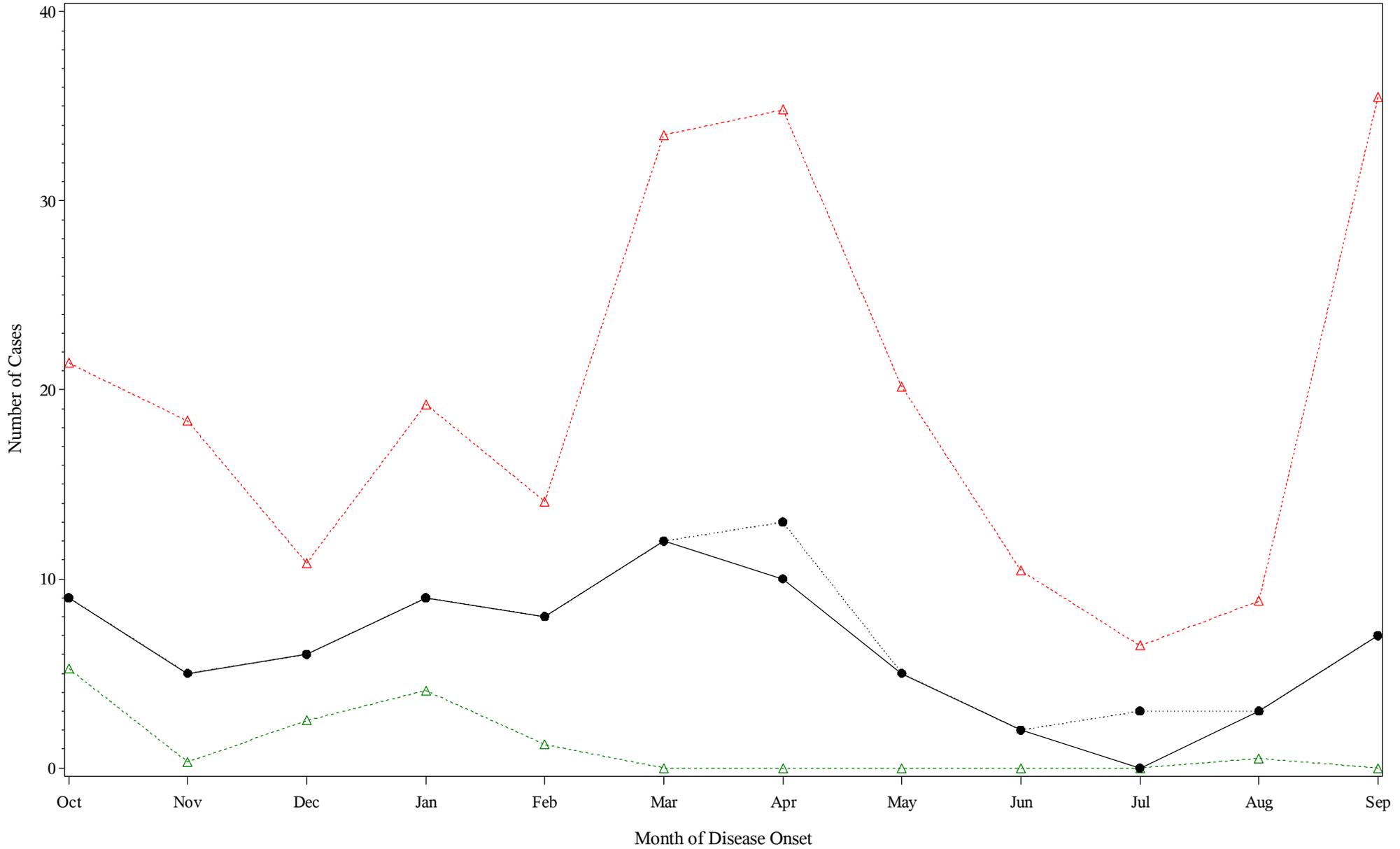


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

East Central      Varicella



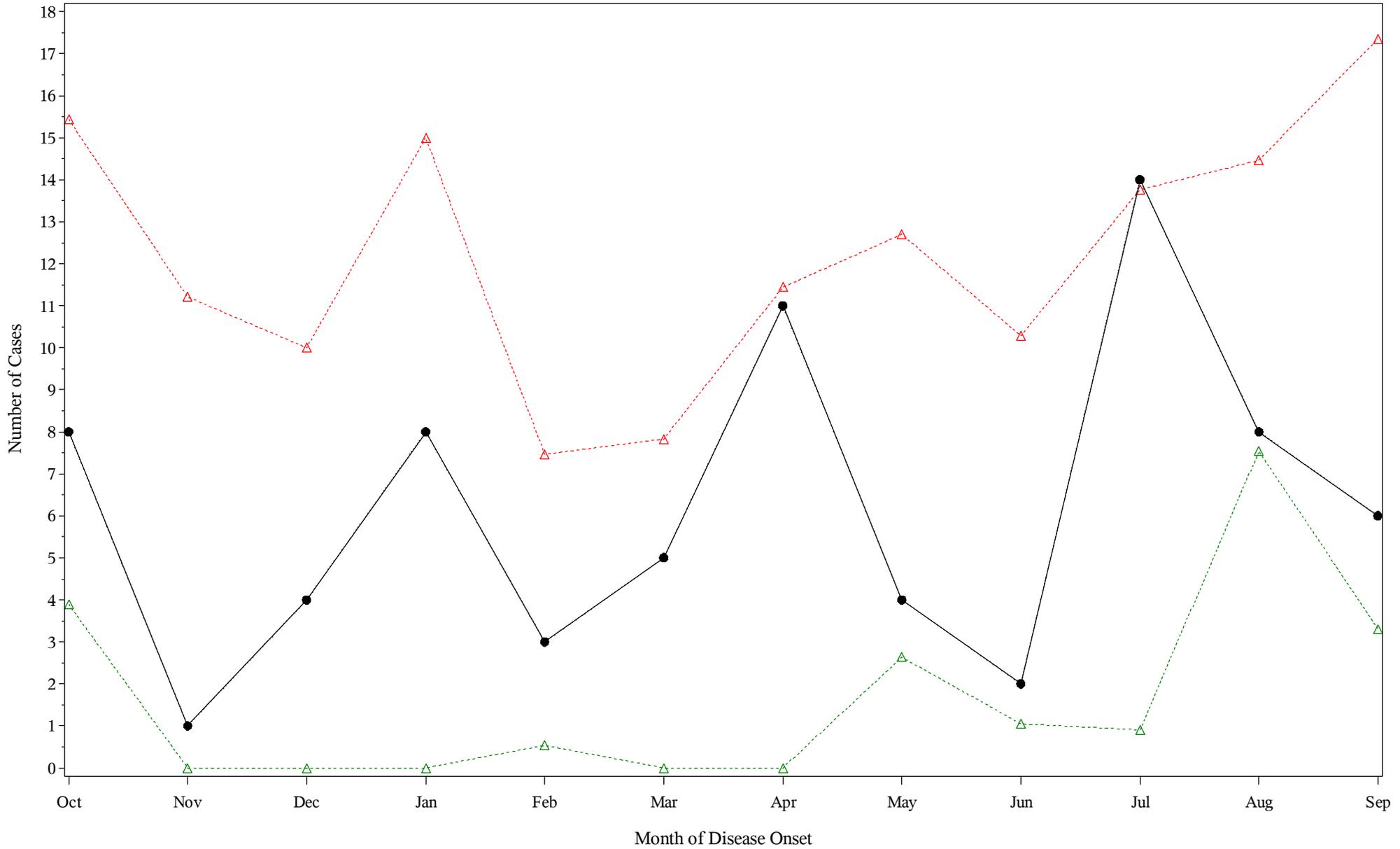
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast Aseptic Meningitis



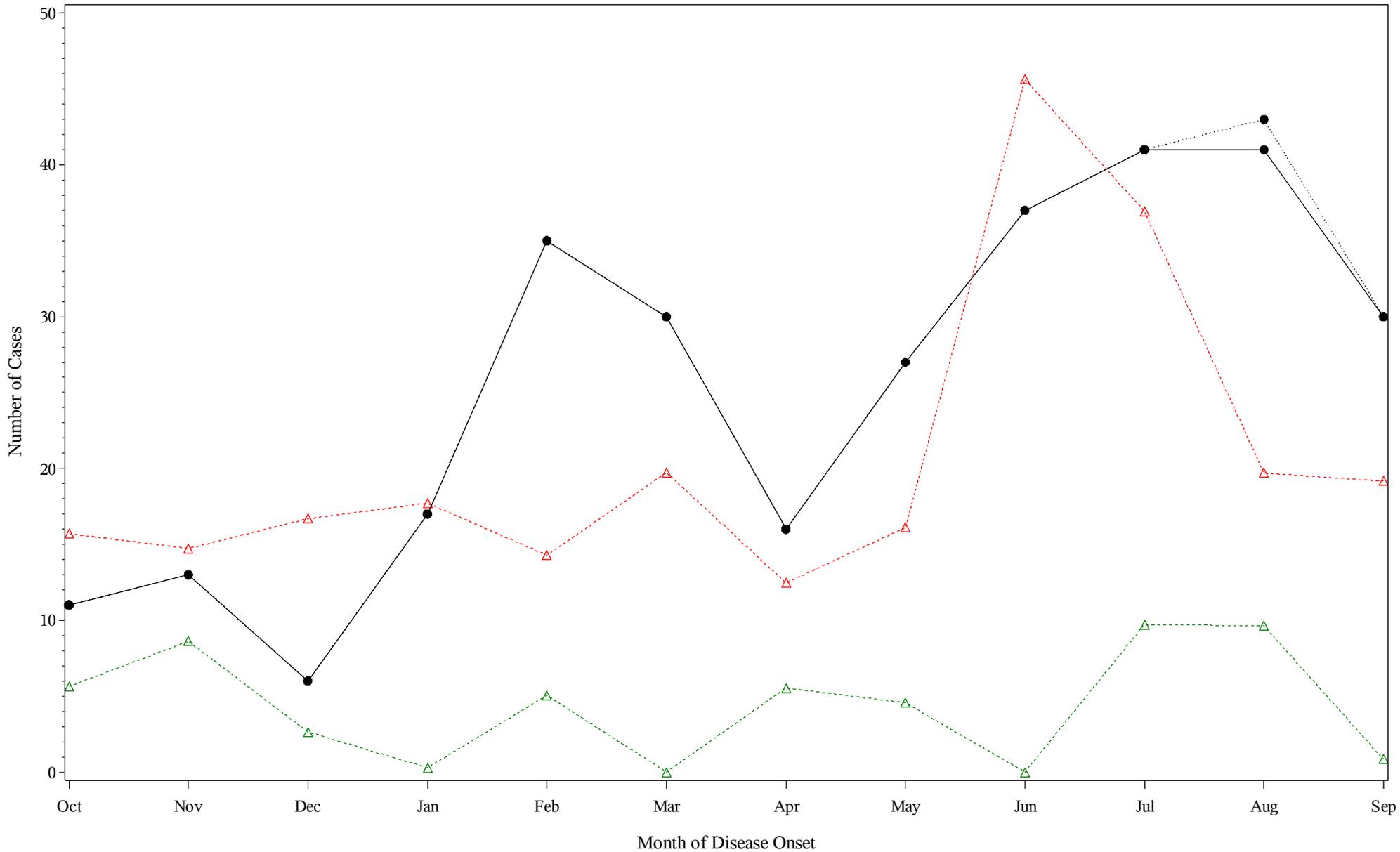
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast      Campylobacteriosis



△ △ △ + 2 Standard Deviations

△ △ △ - 2 Standard Deviations

● ● ● 2014-2015 with Outbreak Cases

● ● ● 2014-2015 without Outbreak Cases

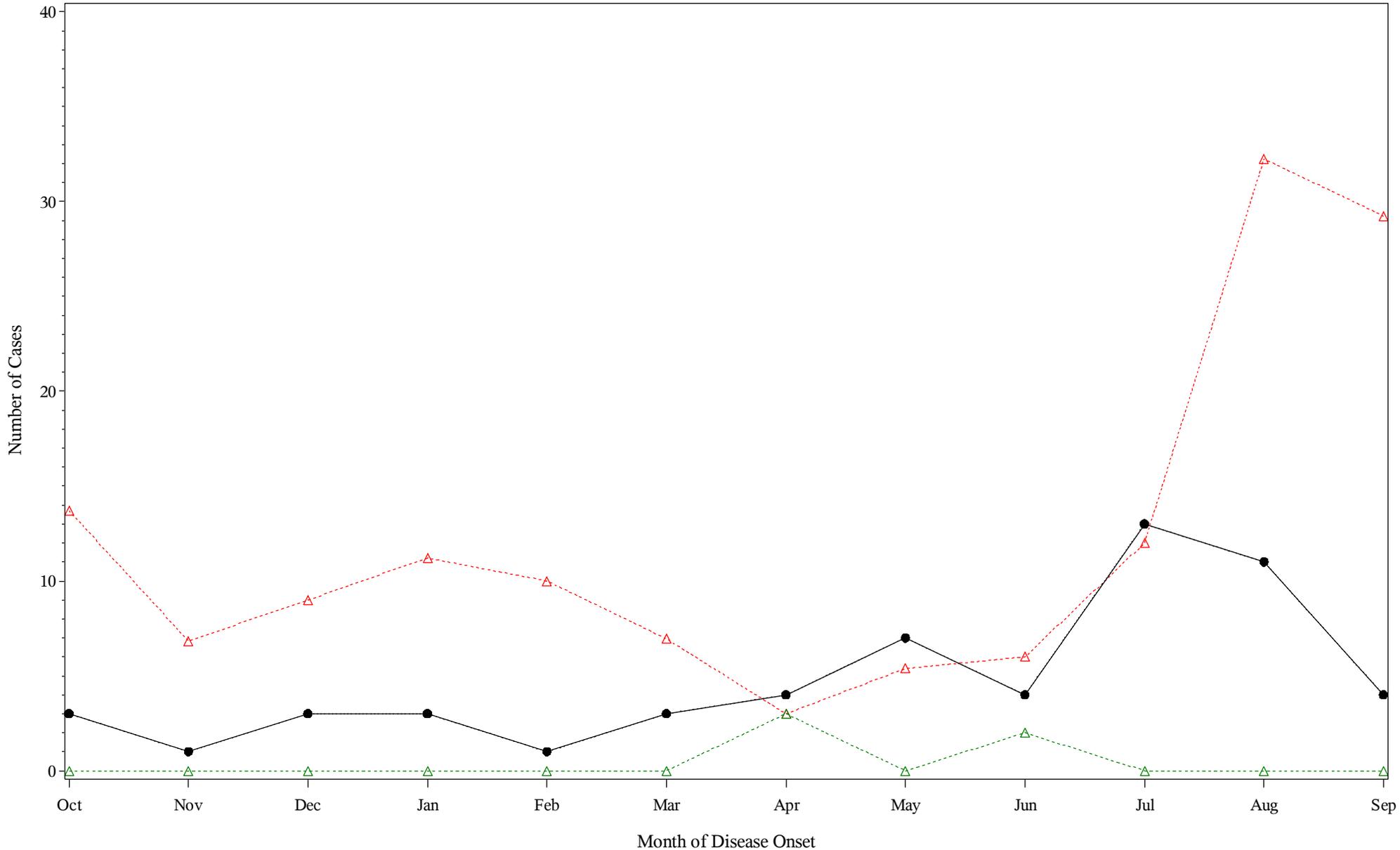
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast Cryptosporidiosis

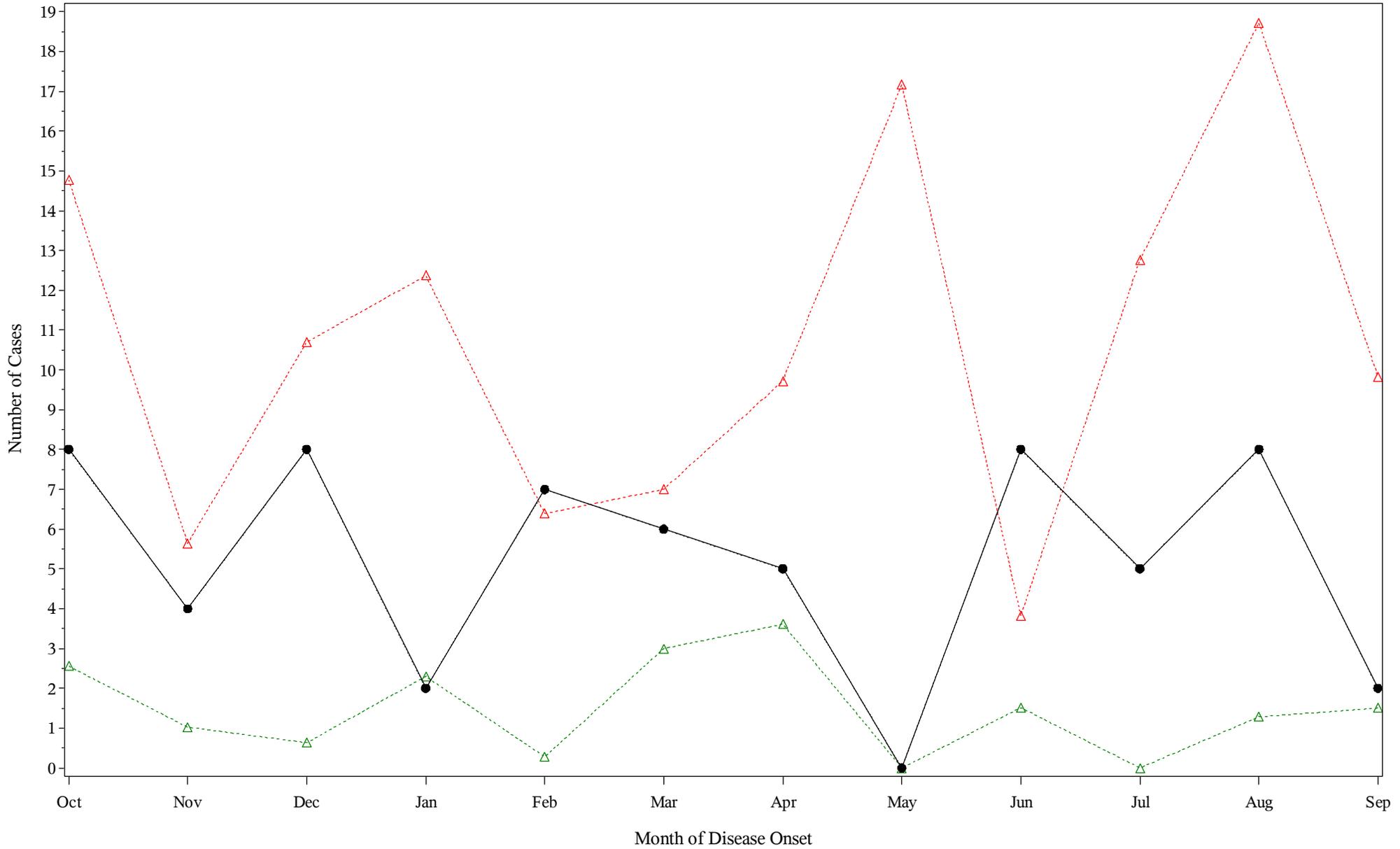


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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast      Giardiasis



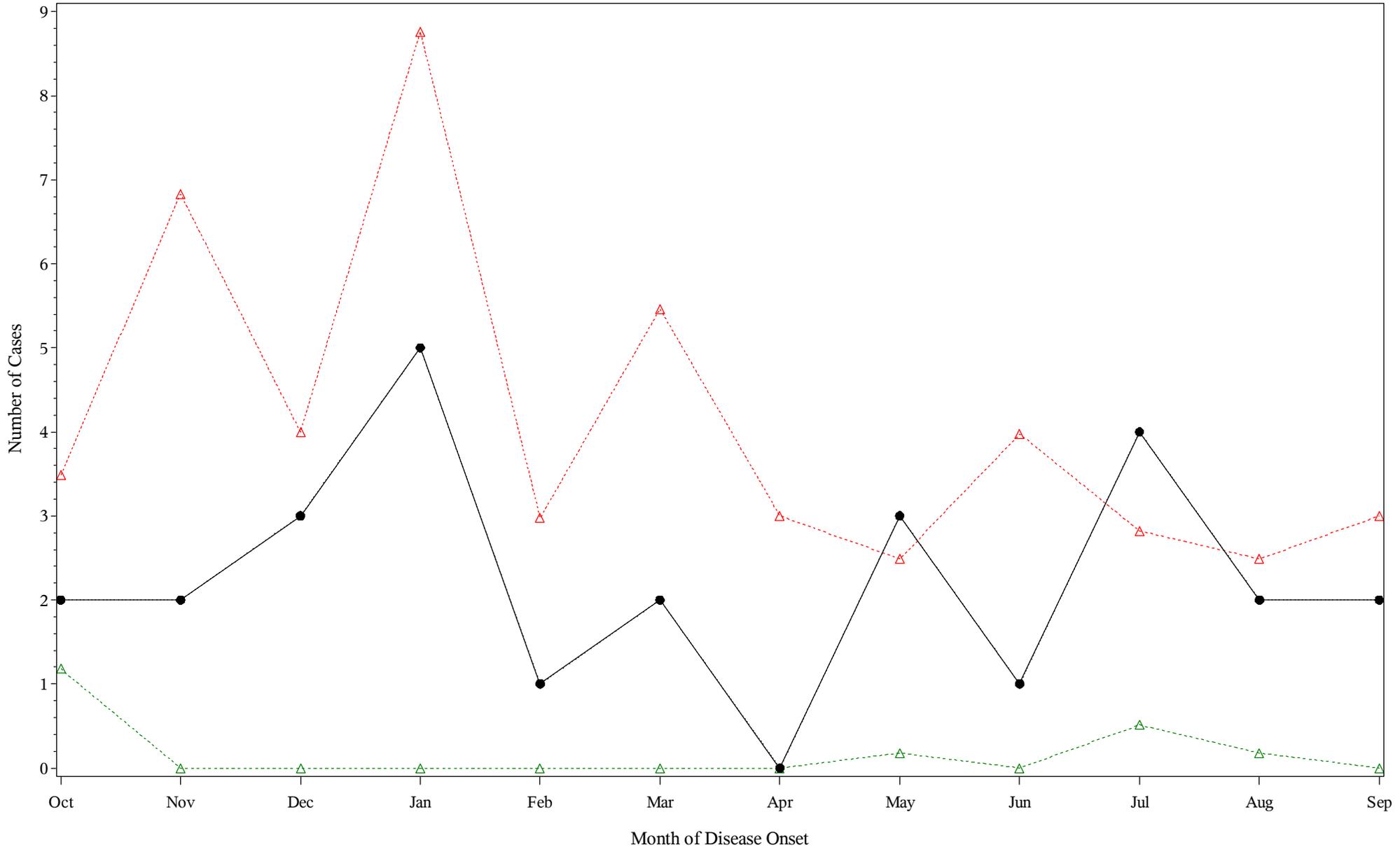
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 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast Haemophilus influenzae, Invasive

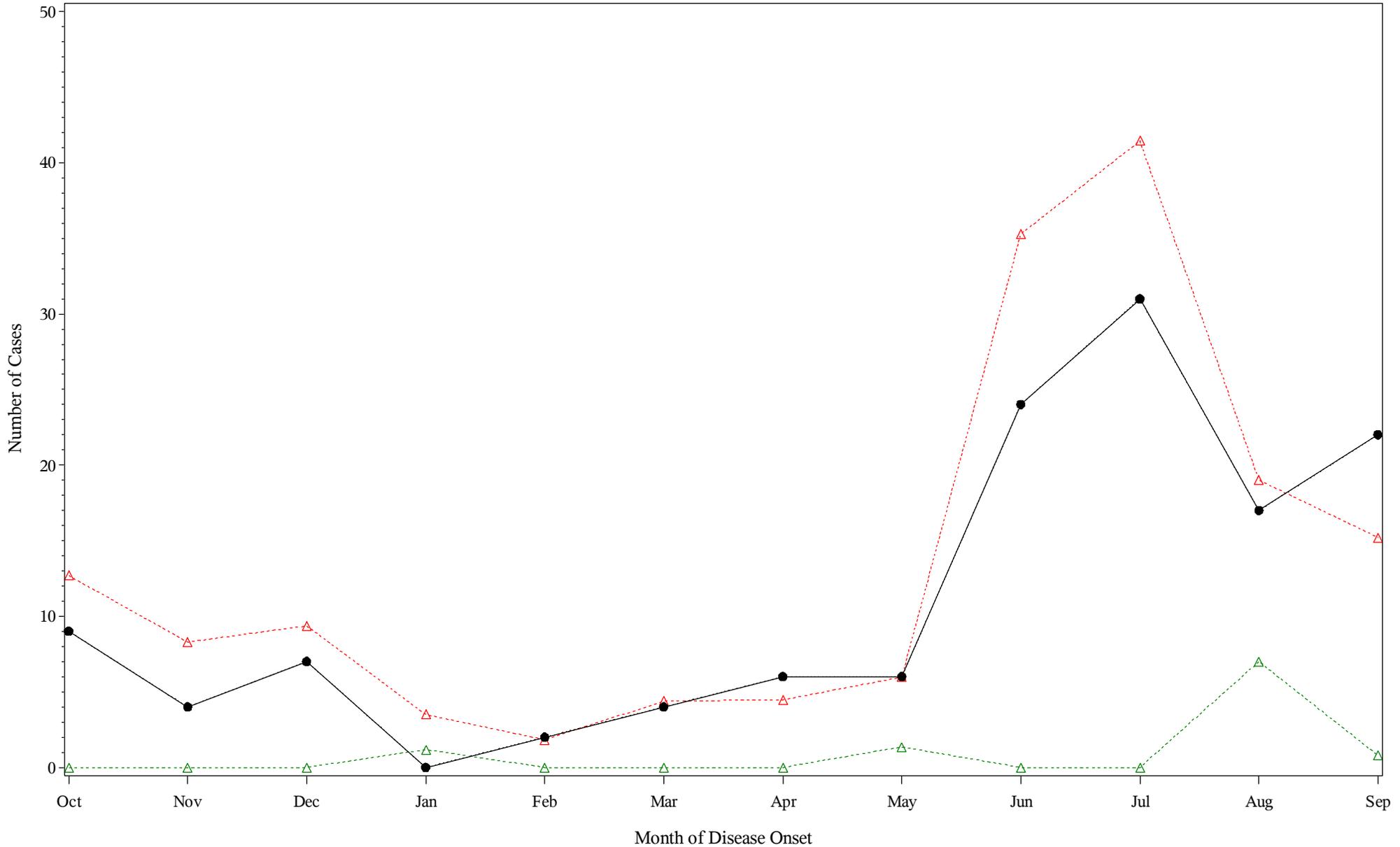


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 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast Legionellosis



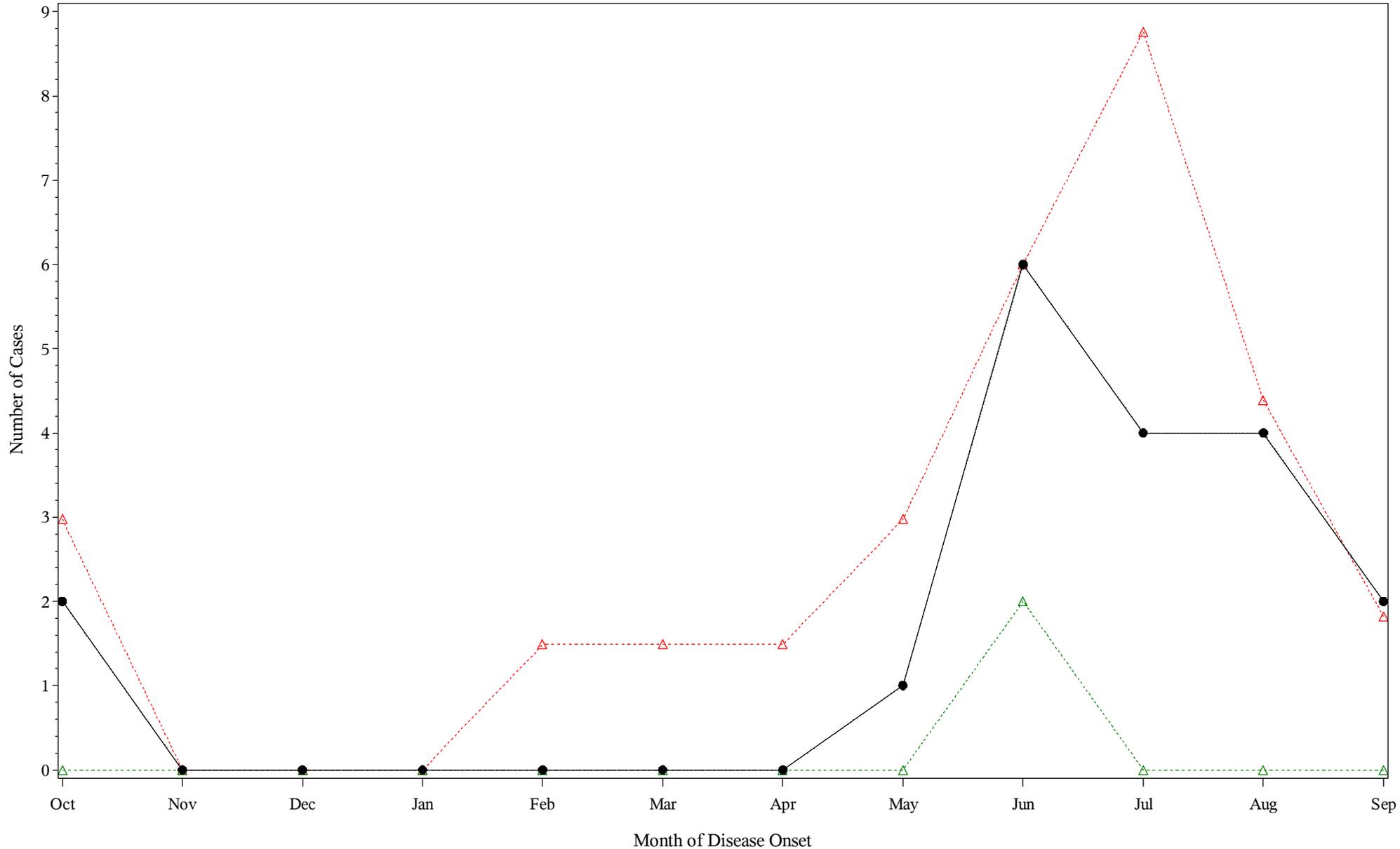
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast Lyme Disease

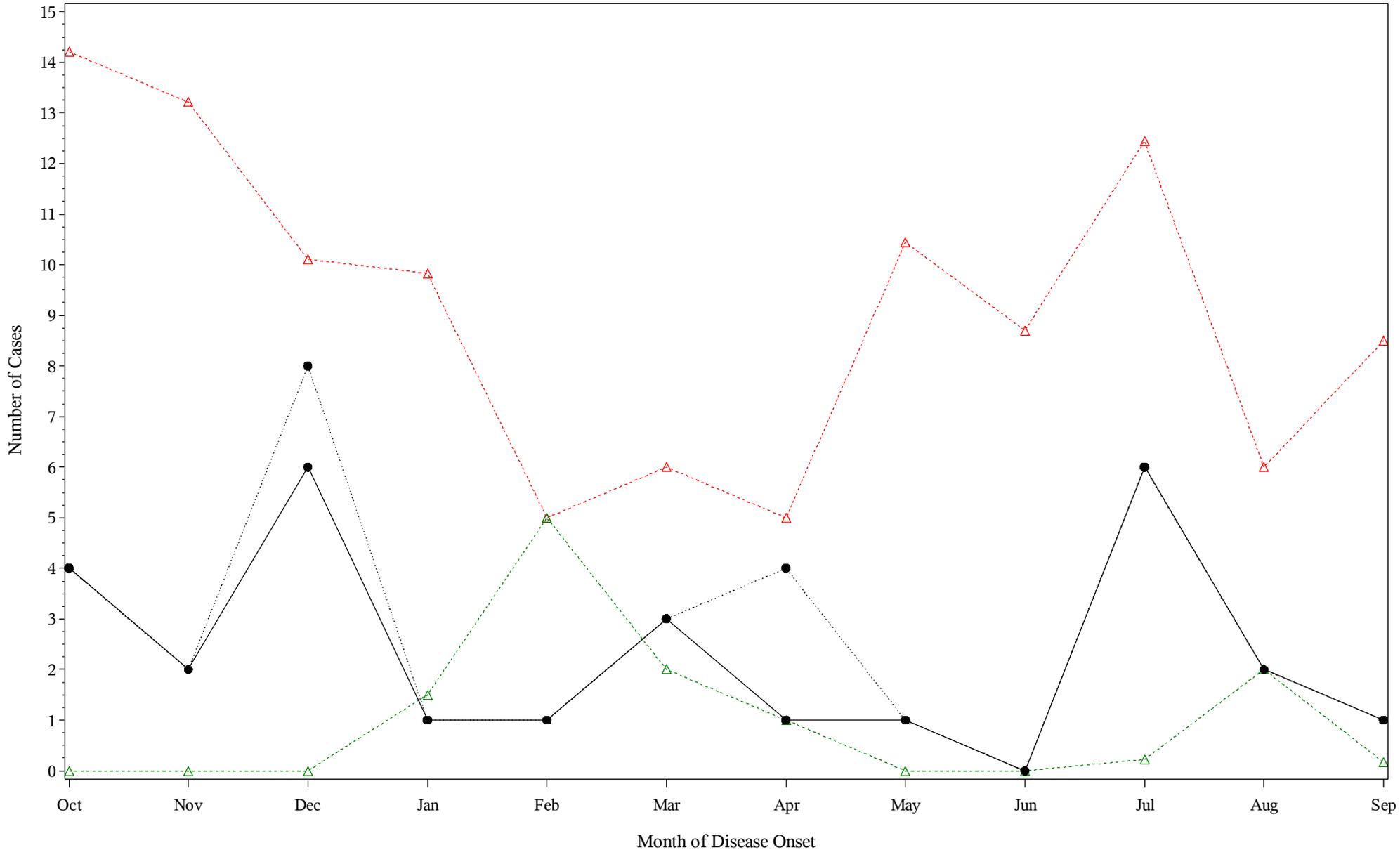


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Current as of 10/25/2015  
Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast Pertussis

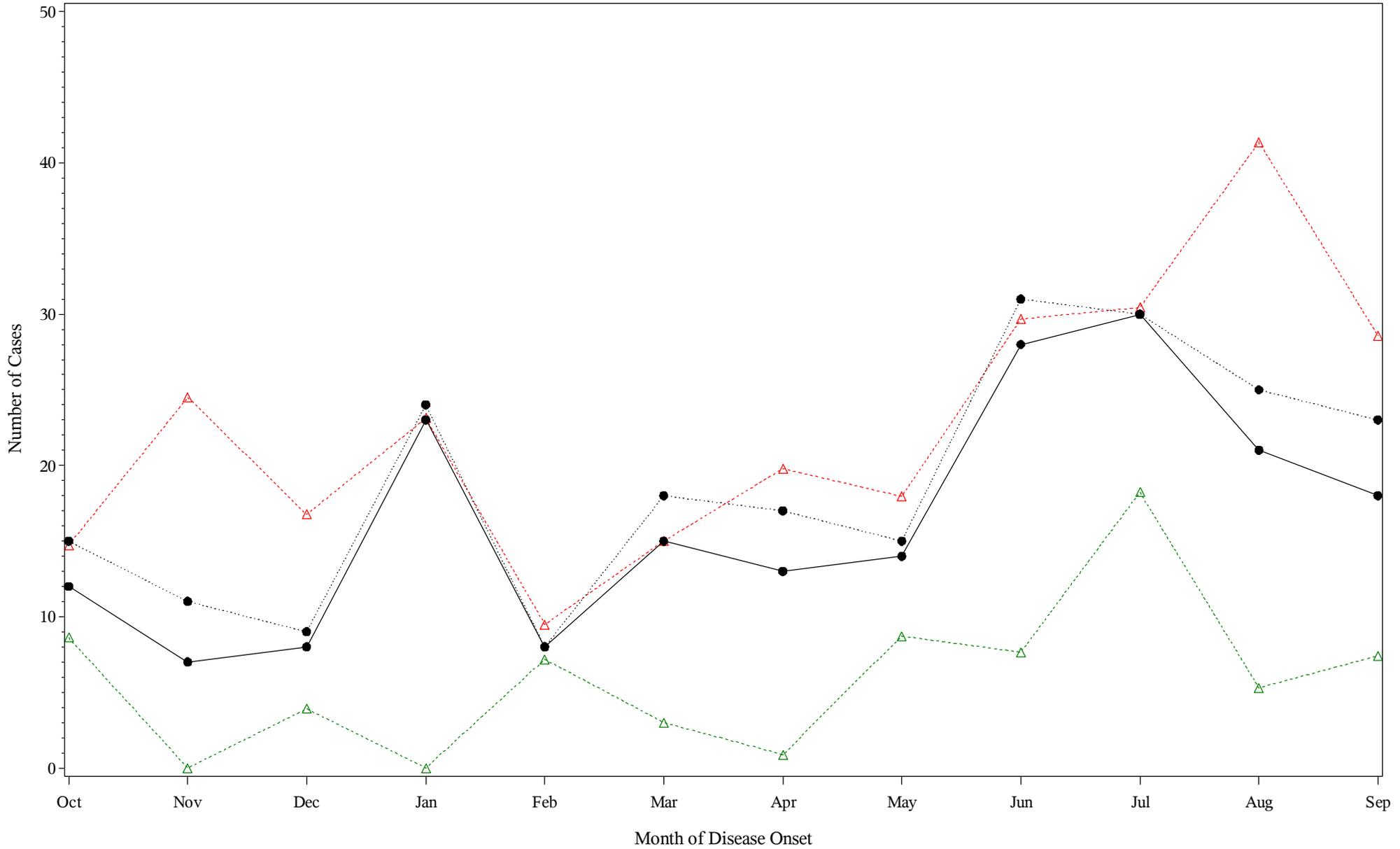


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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast Salmonellosis



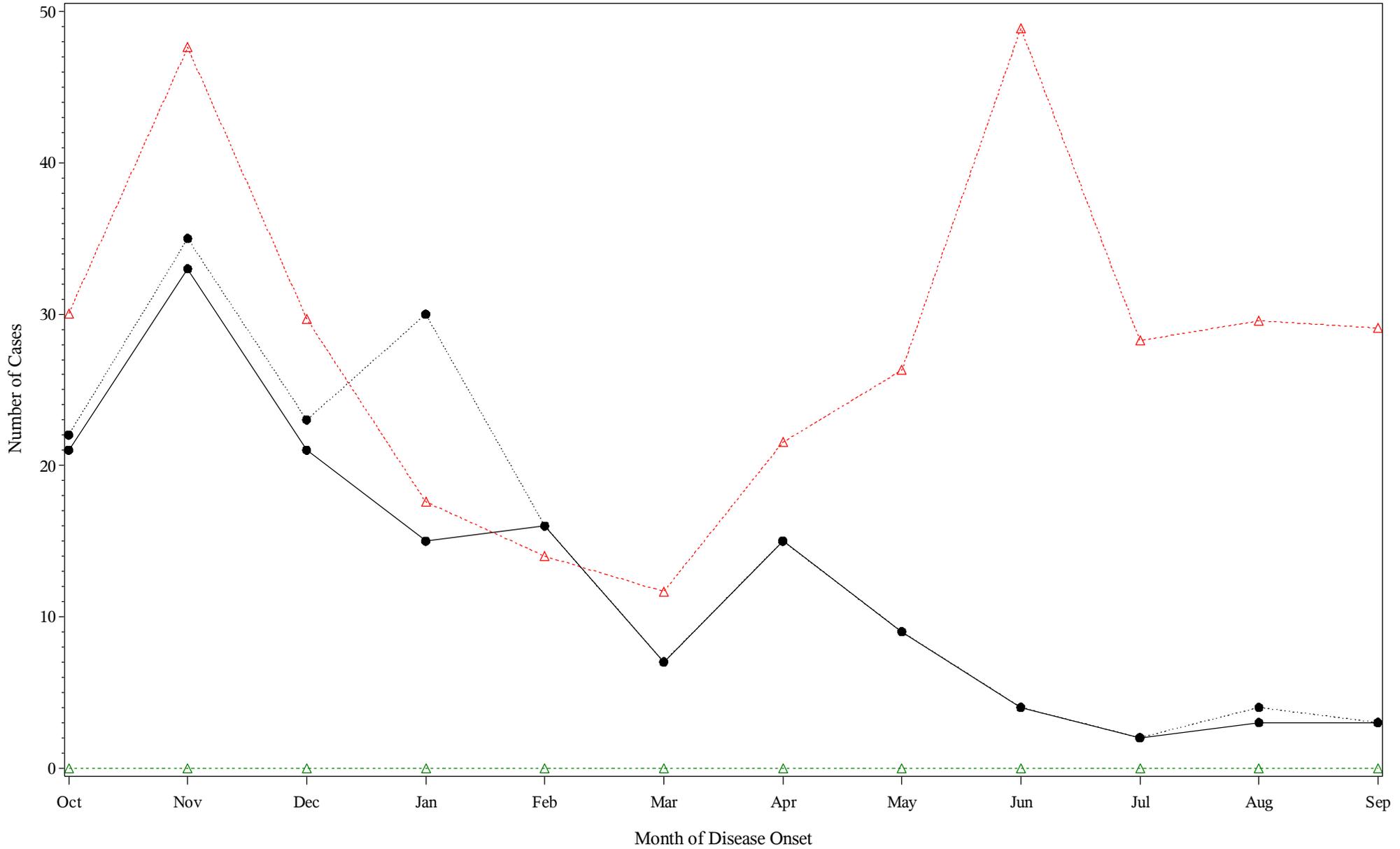
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Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast Shigellosis



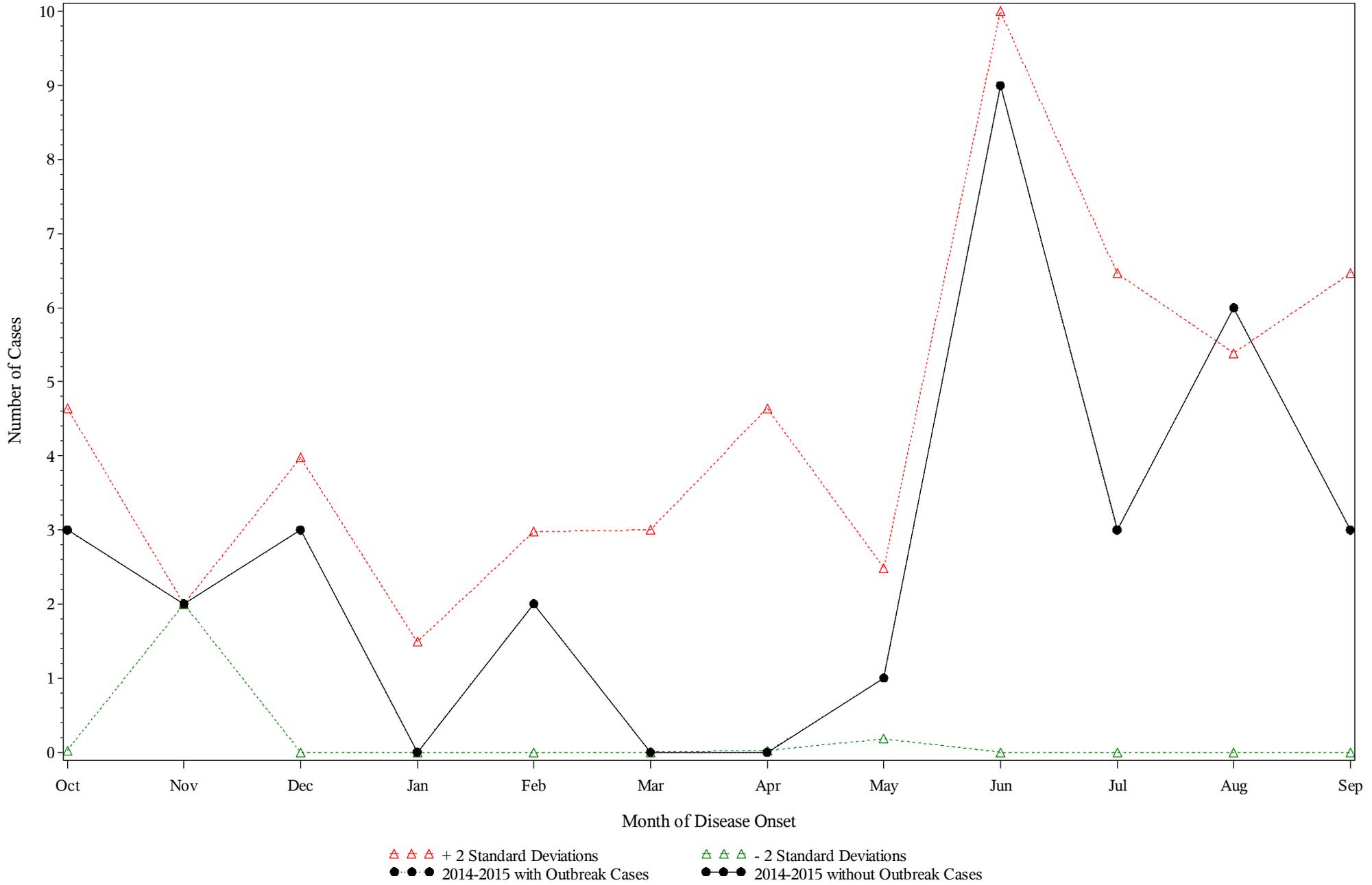
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Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast Shiga Toxin-Producing Escherichia coli



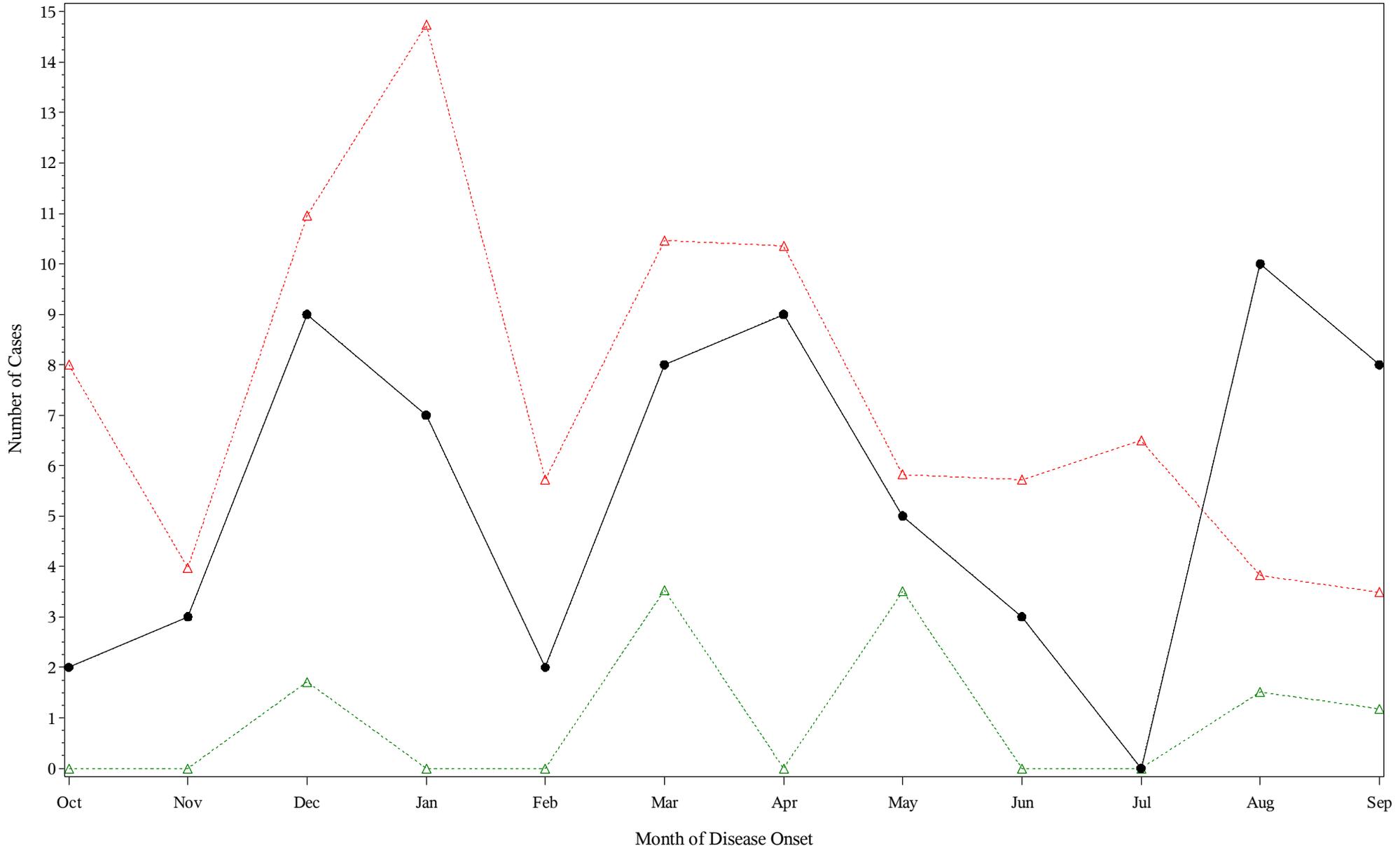
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast Streptococcal Disease, Group A, Invasive



△ △ △ + 2 Standard Deviations

△ △ △ - 2 Standard Deviations

● ● ● 2014-2015 with Outbreak Cases

● ● ● 2014-2015 without Outbreak Cases

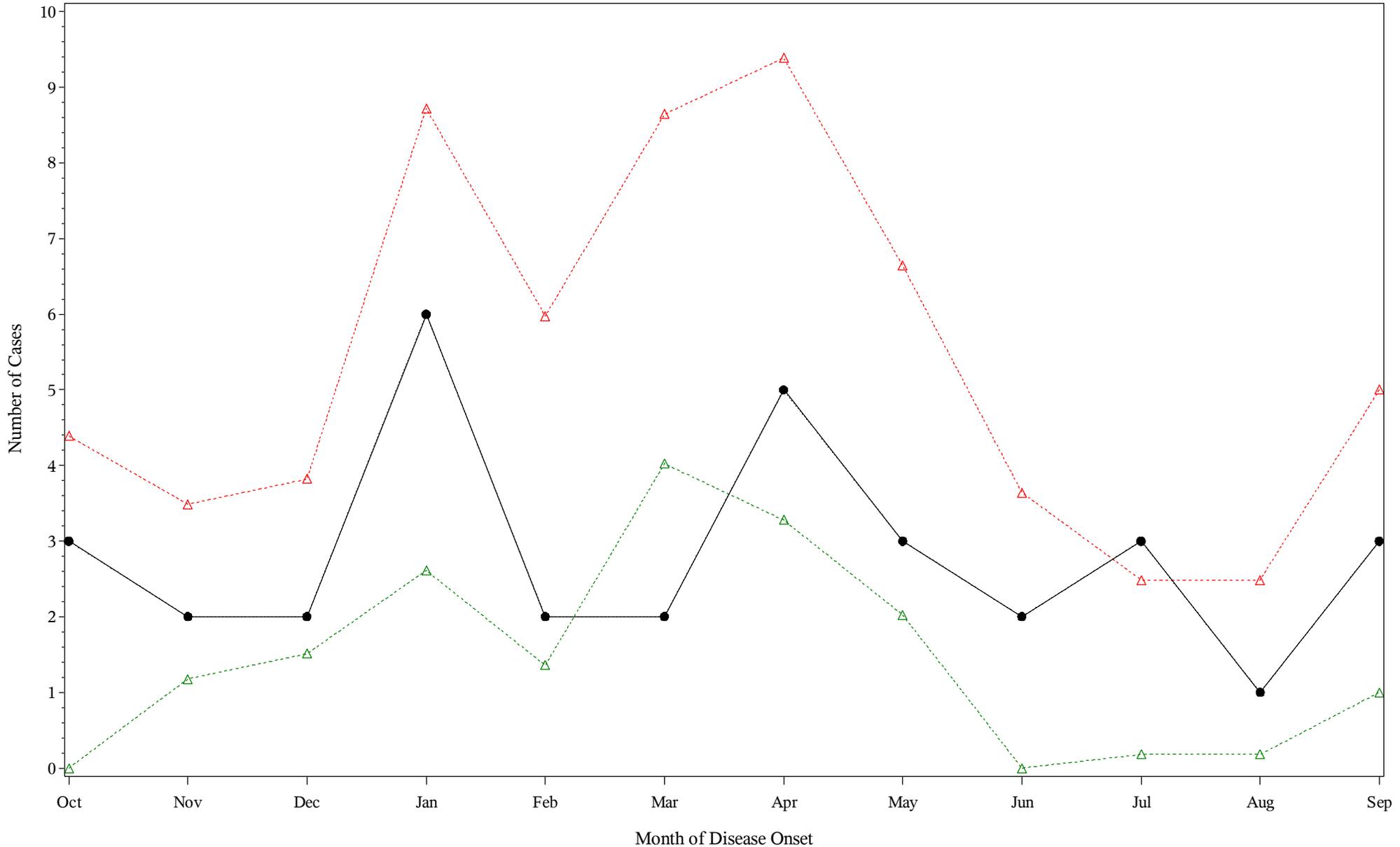
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate



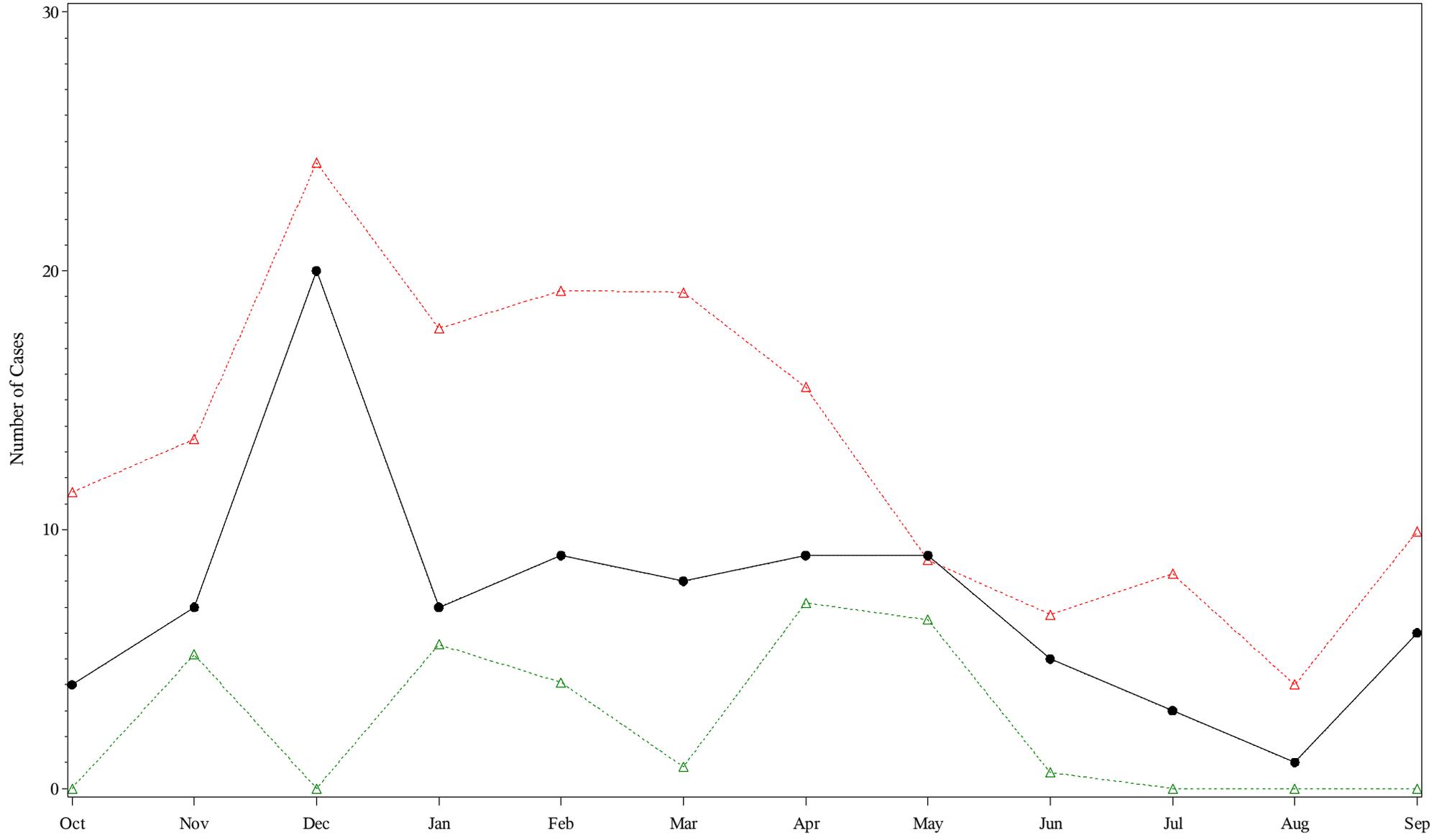
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

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

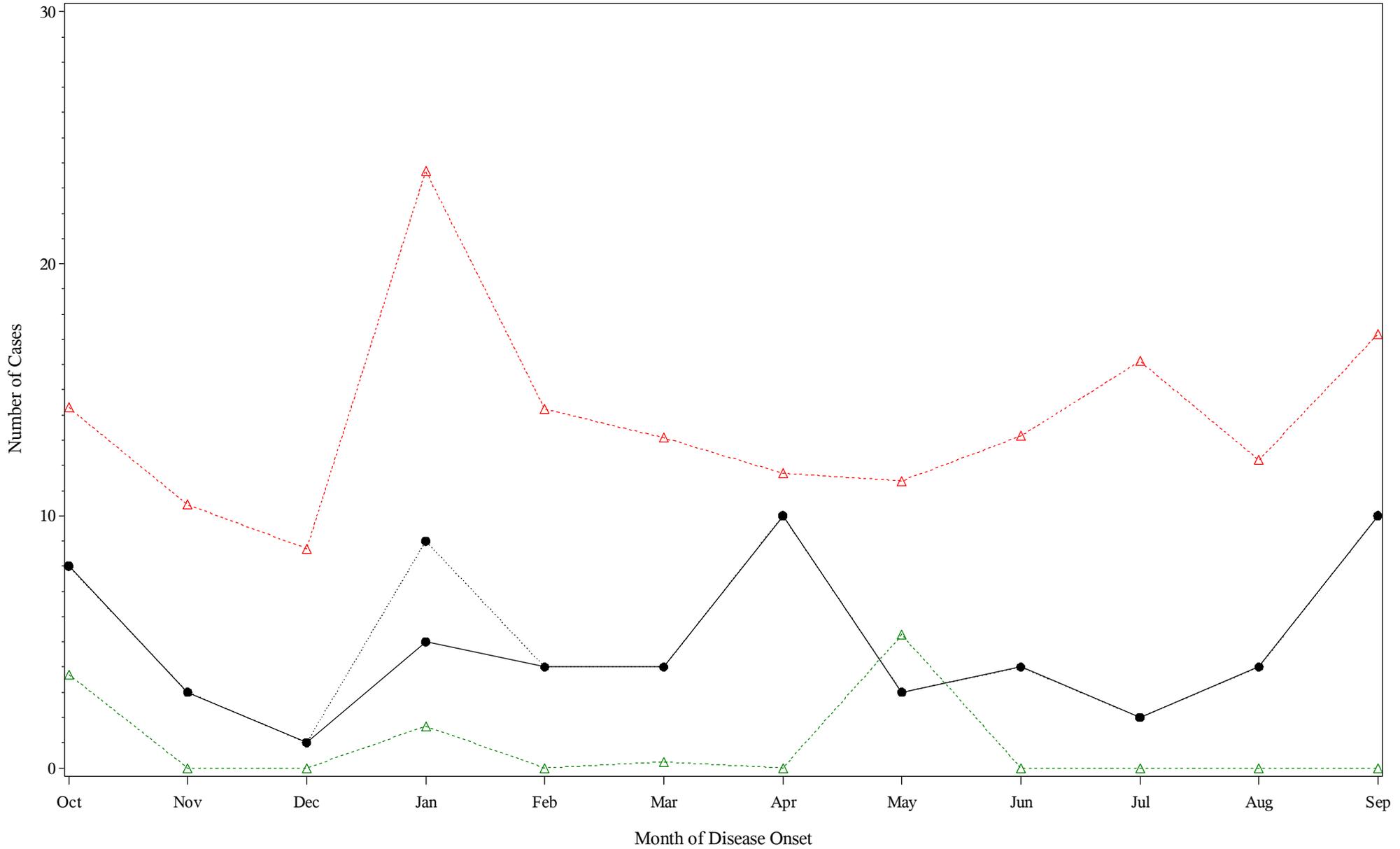


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
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# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast Varicella



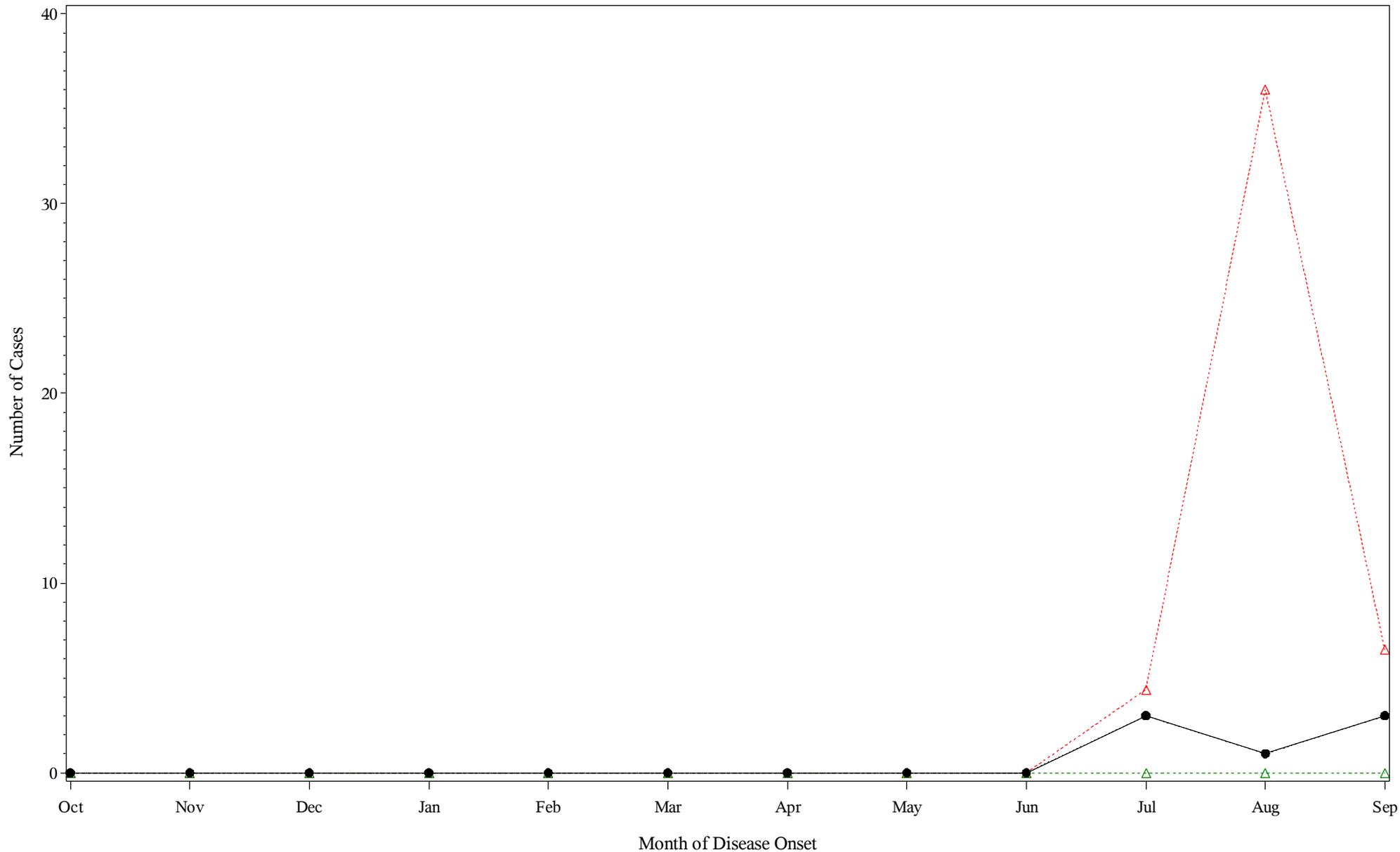
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northeast West Nile Virus Disease



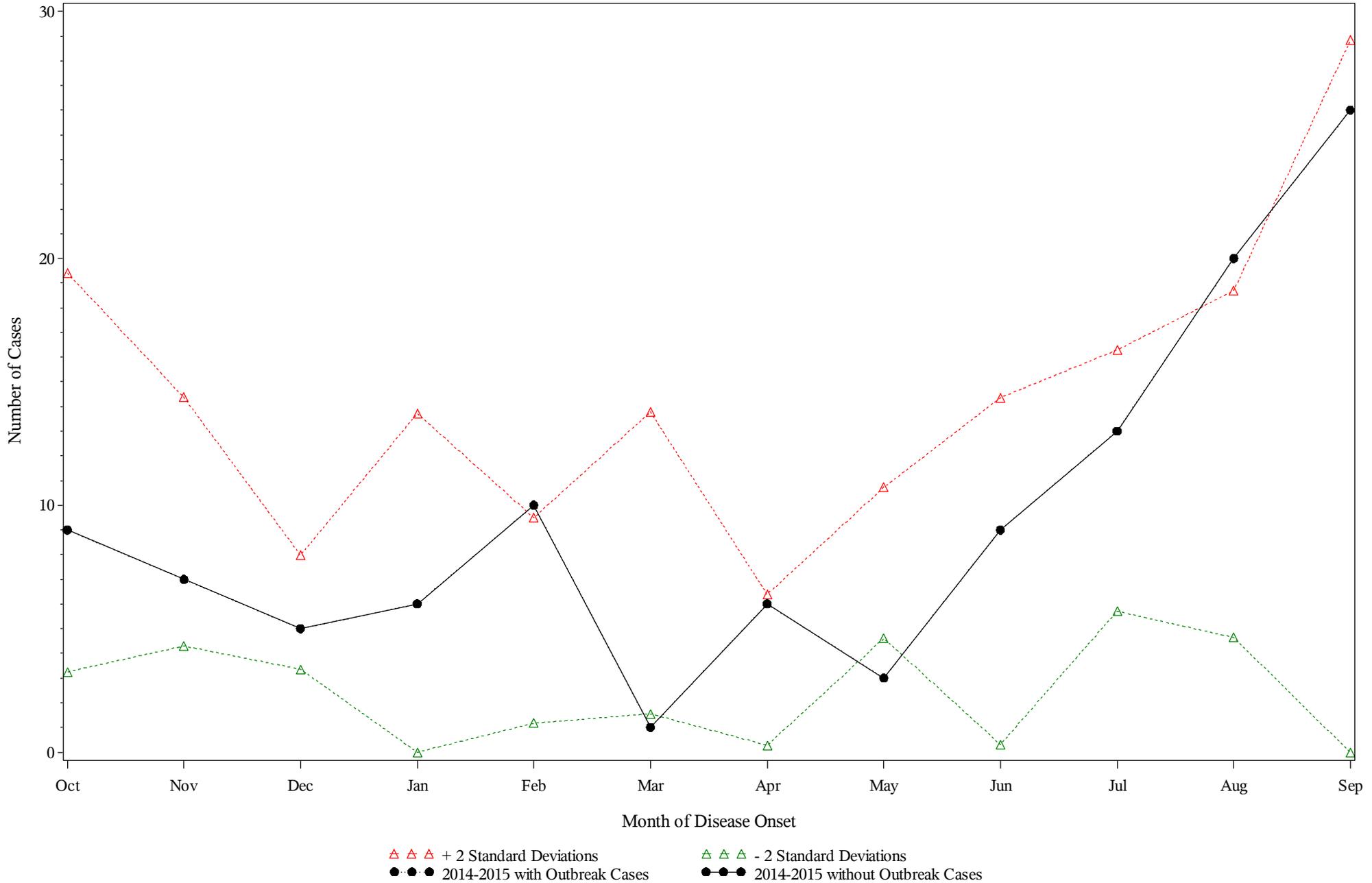
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest Aseptic Meningitis



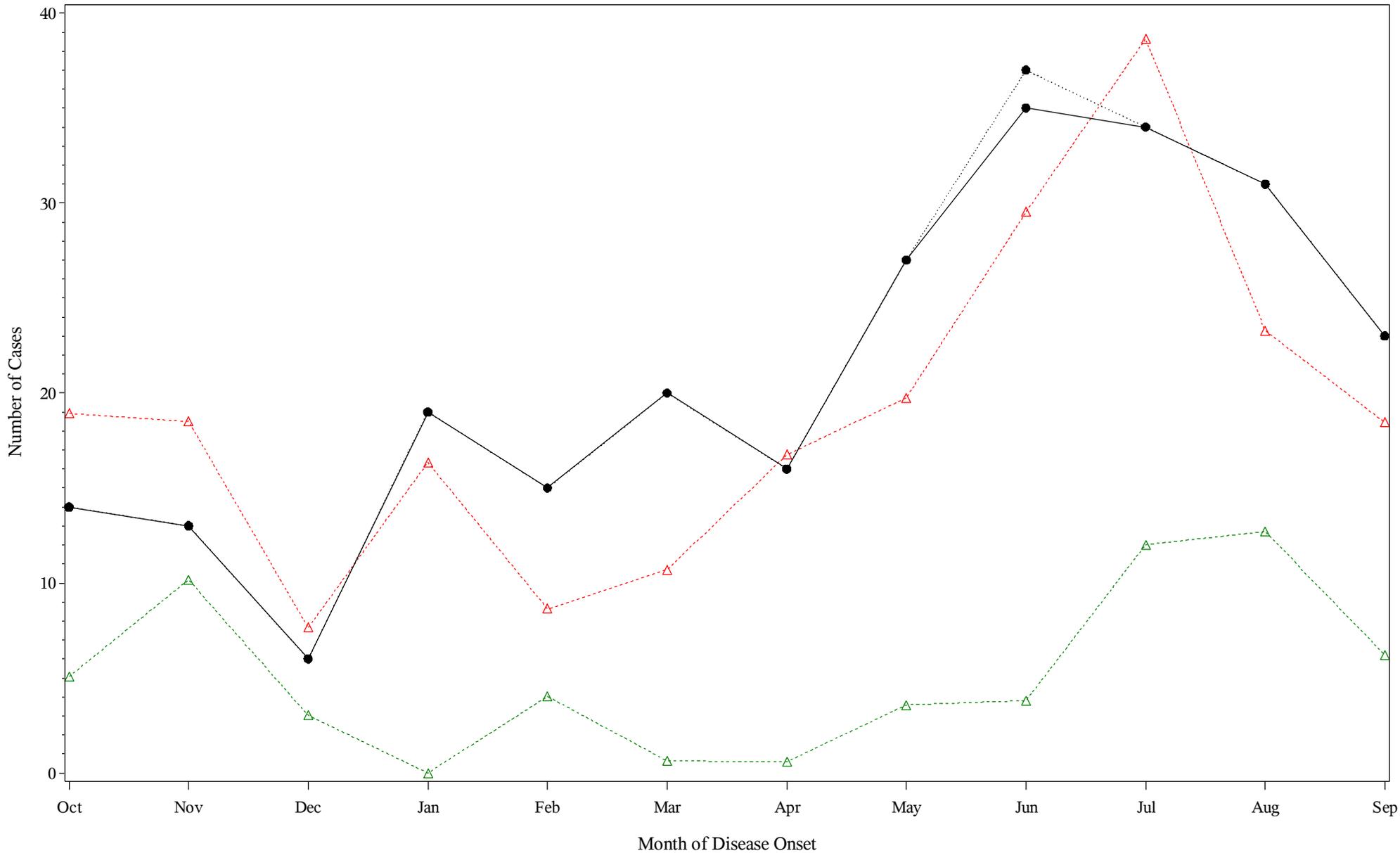
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest      Campylobacteriosis



△ △ △ + 2 Standard Deviations

△ △ △ - 2 Standard Deviations

● ● ● 2014-2015 with Outbreak Cases

● ● ● 2014-2015 without Outbreak Cases

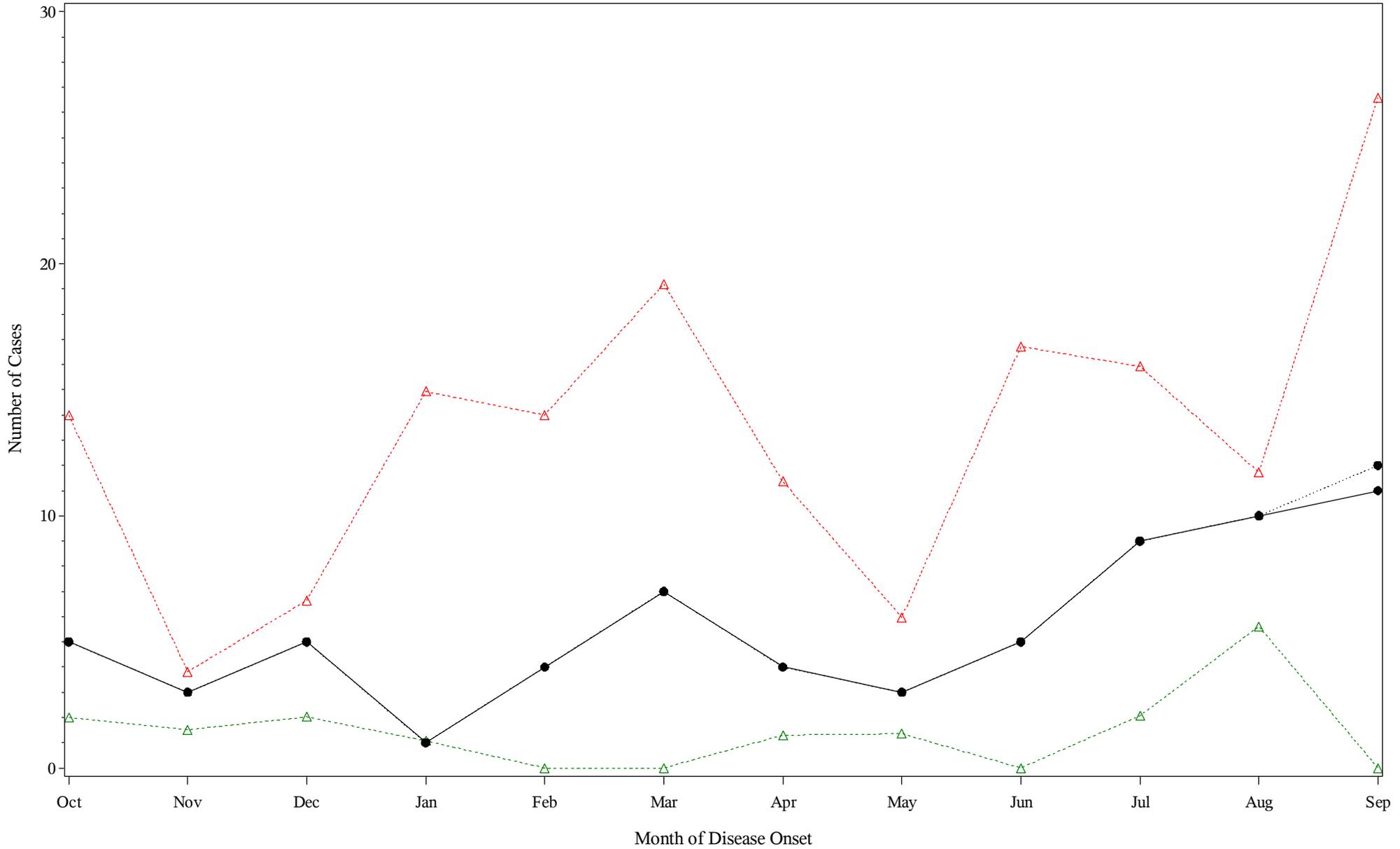
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest Cryptosporidiosis



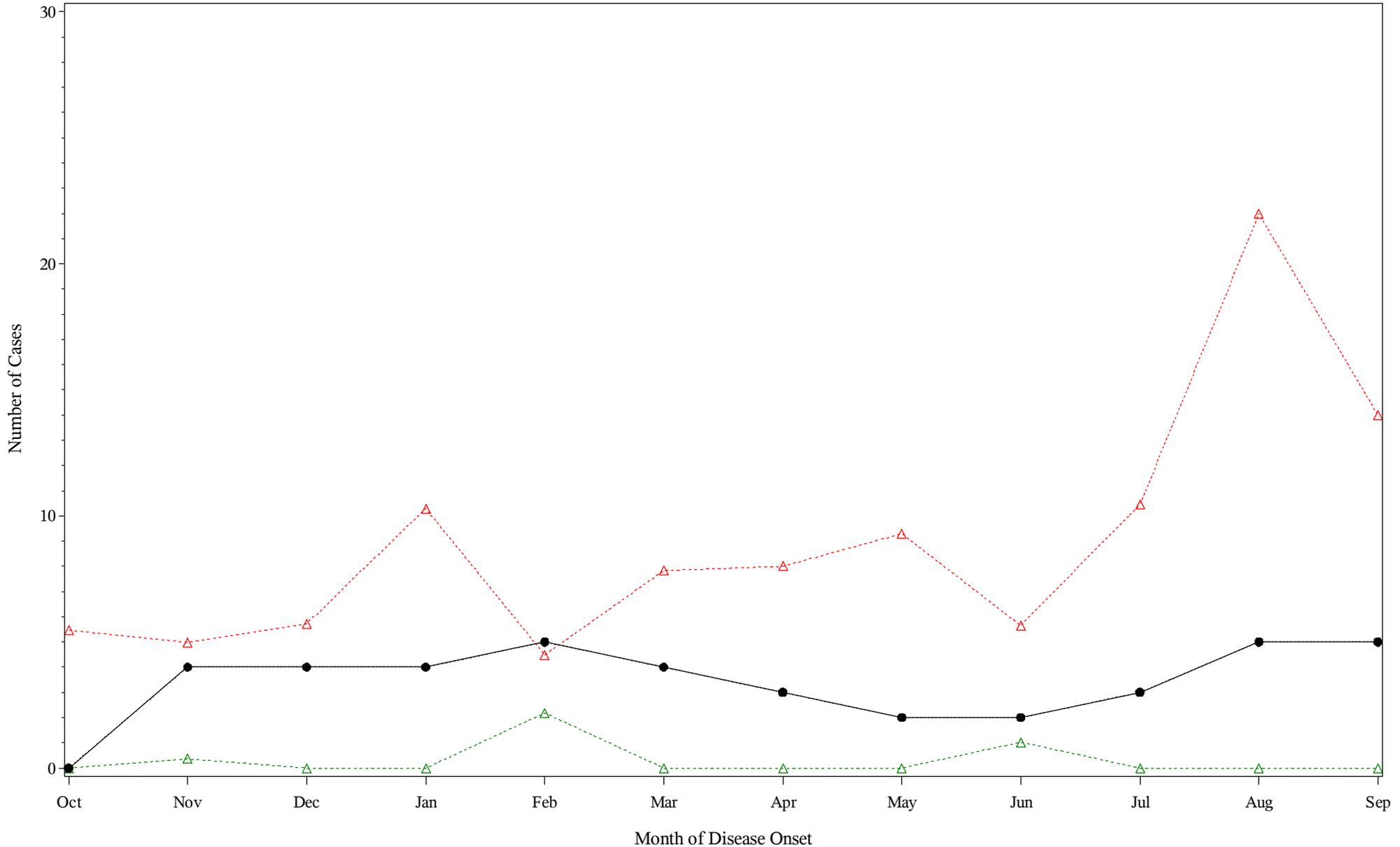
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● ● ● 2014-2015 with Outbreak Cases      ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest      Giardiasis



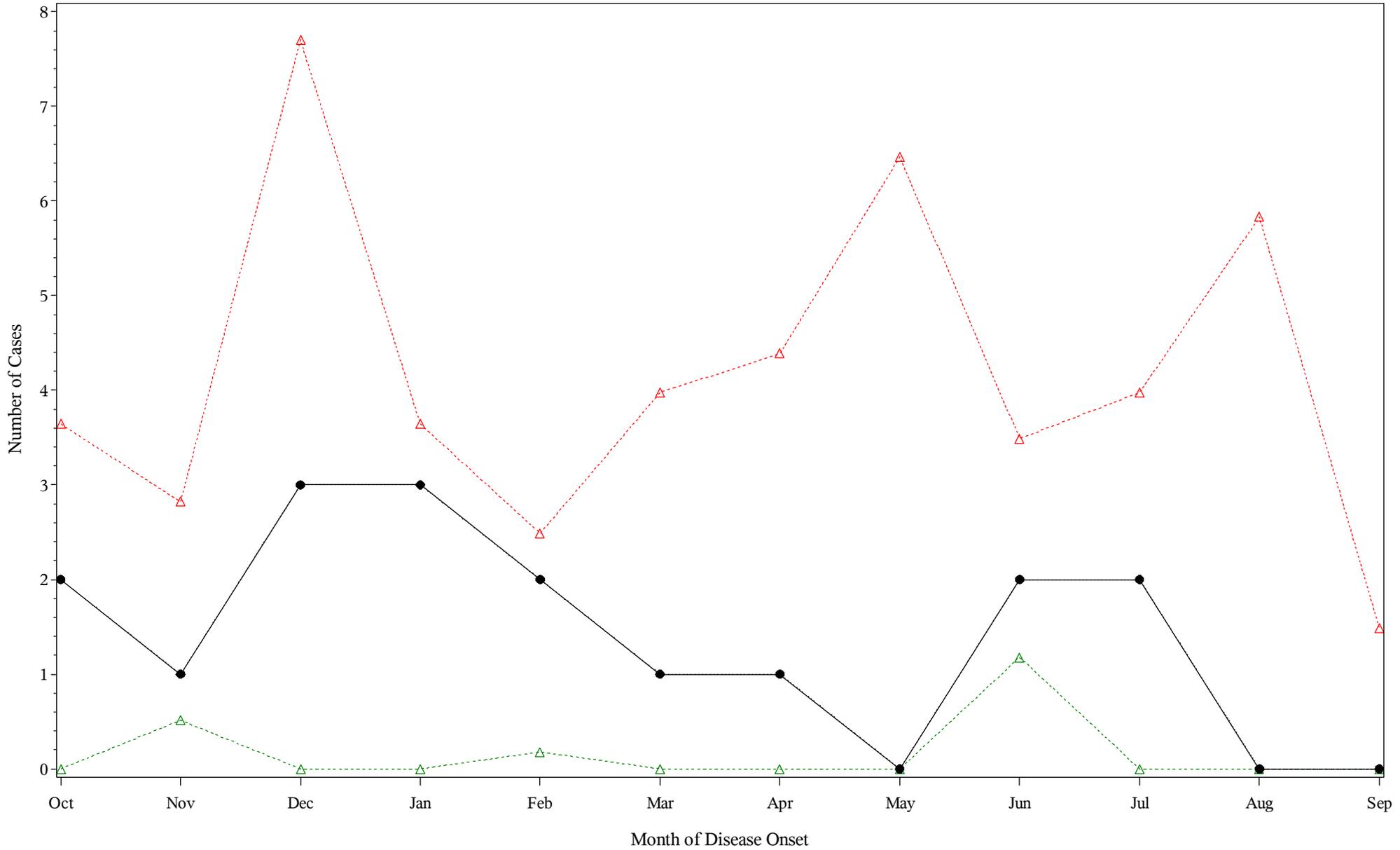
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● ● ● 2014-2015 with Outbreak Cases      ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest Haemophilus influenzae, Invasive



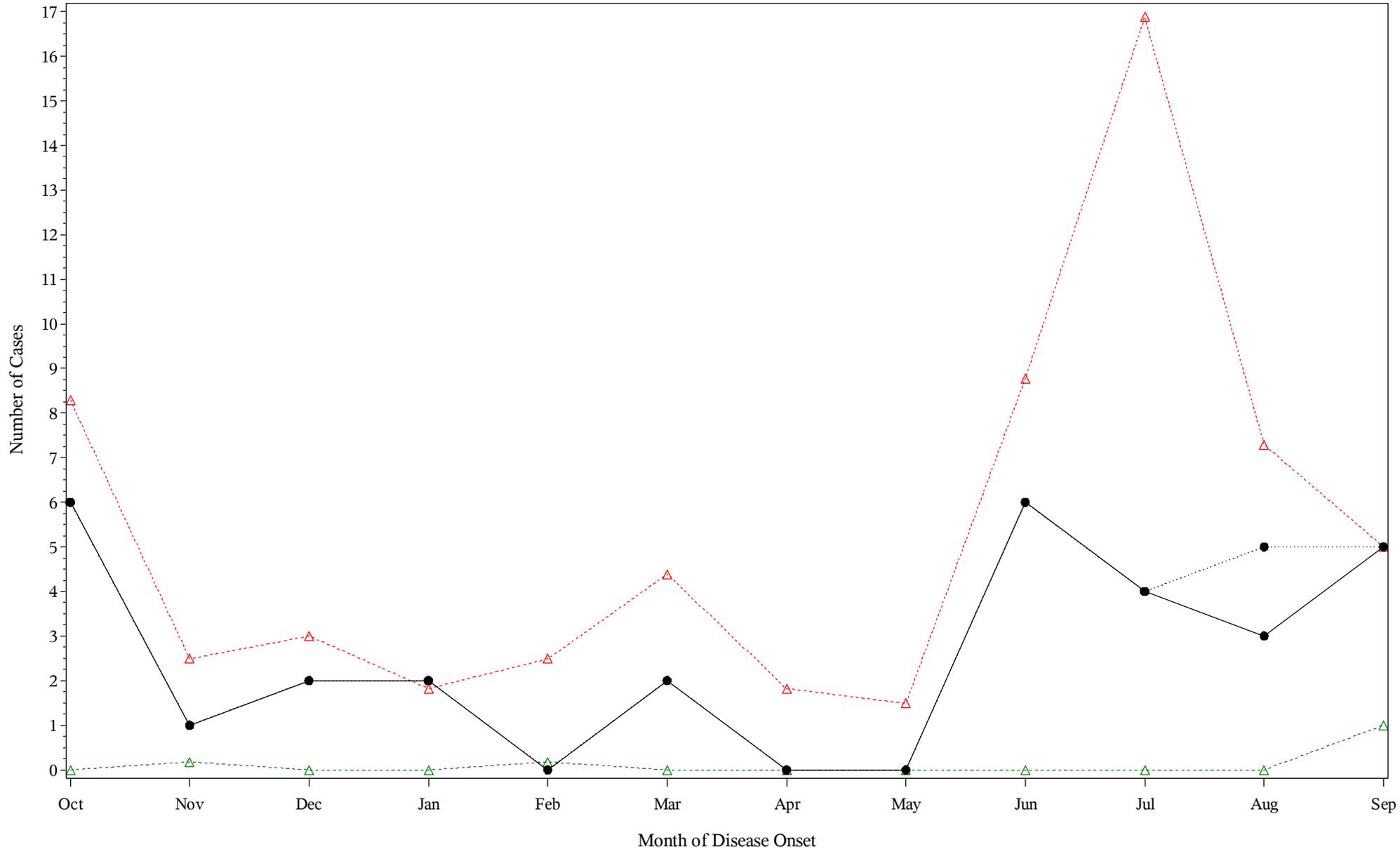
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest Legionellosis

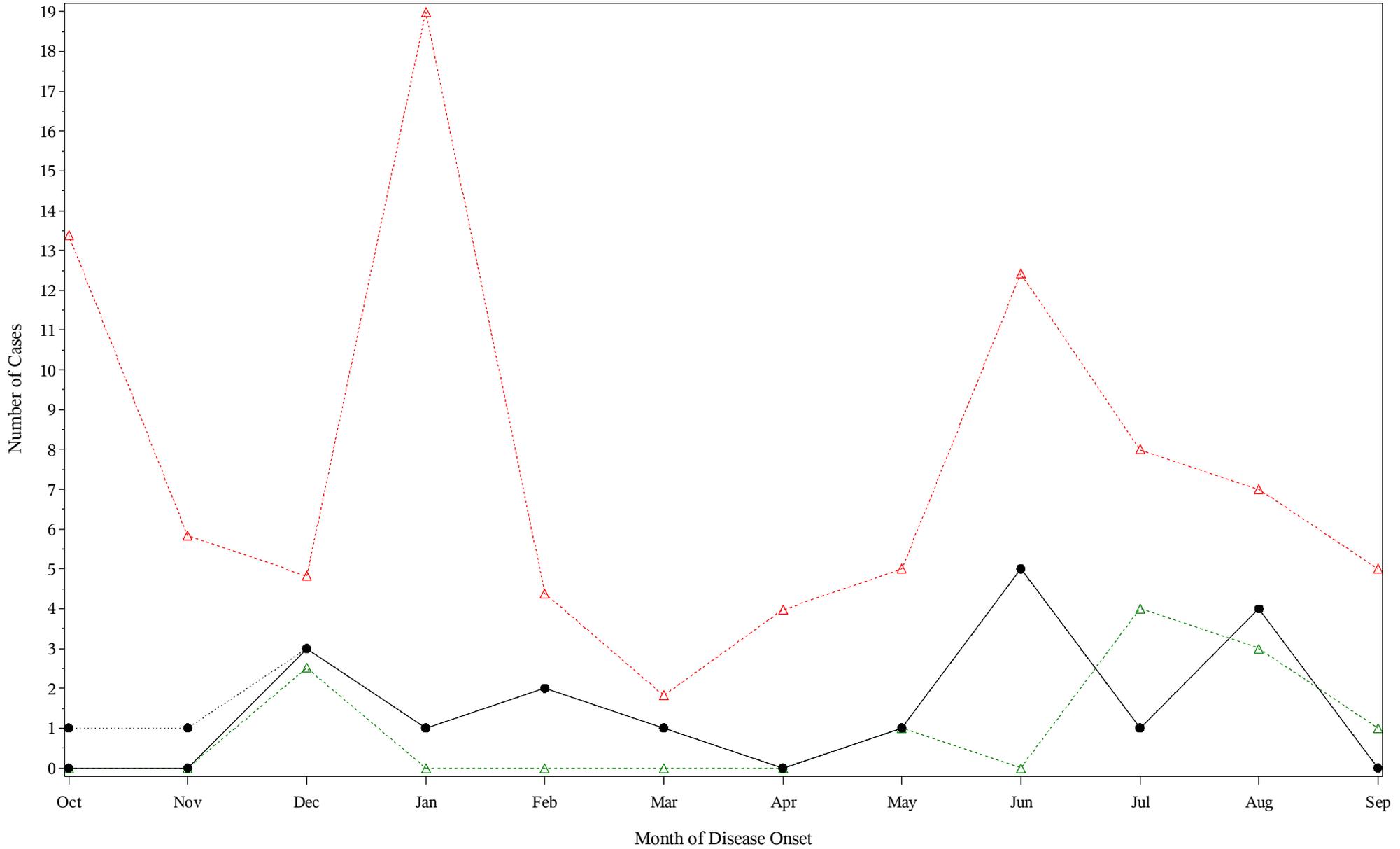


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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest Pertussis



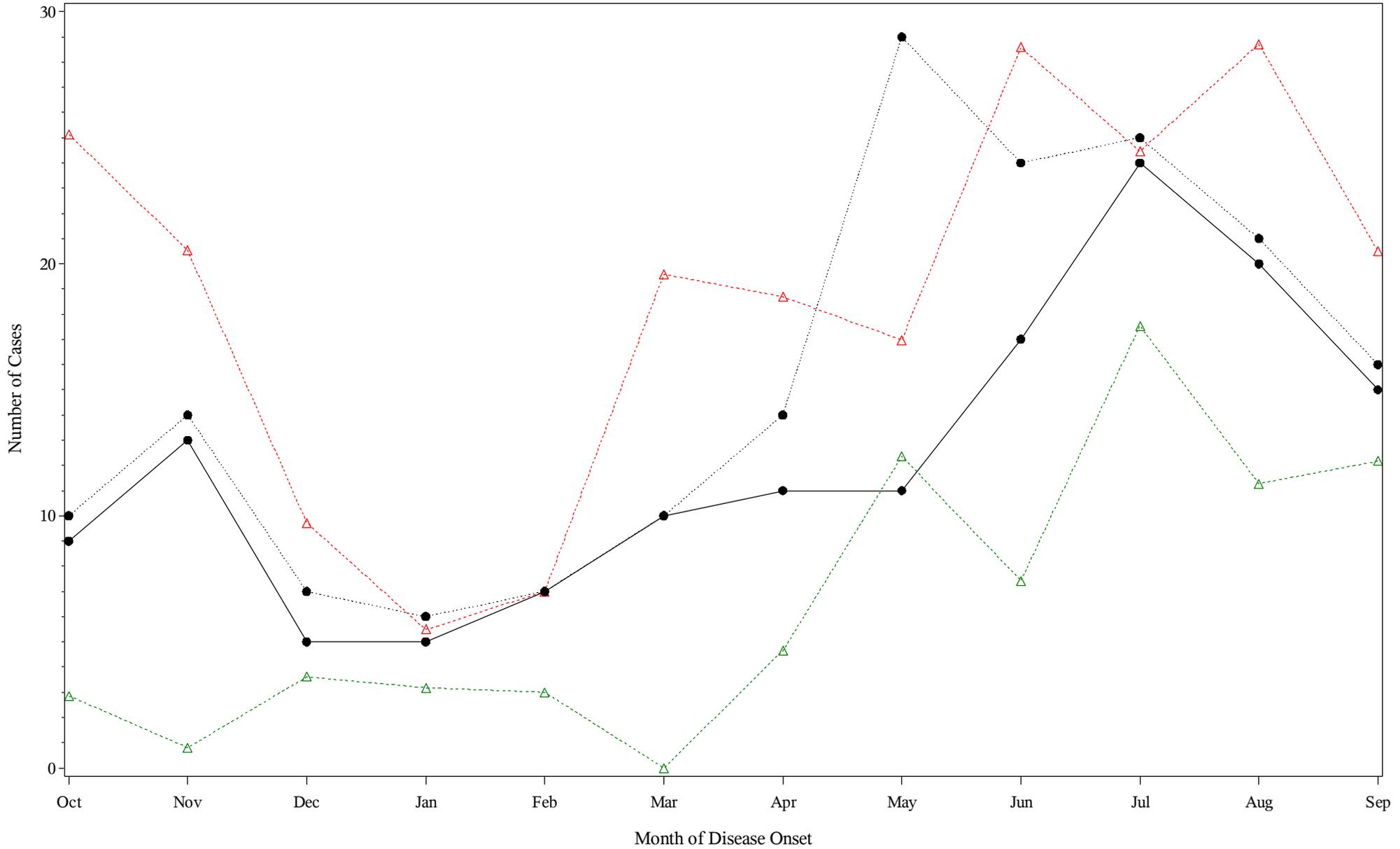
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest Salmonellosis



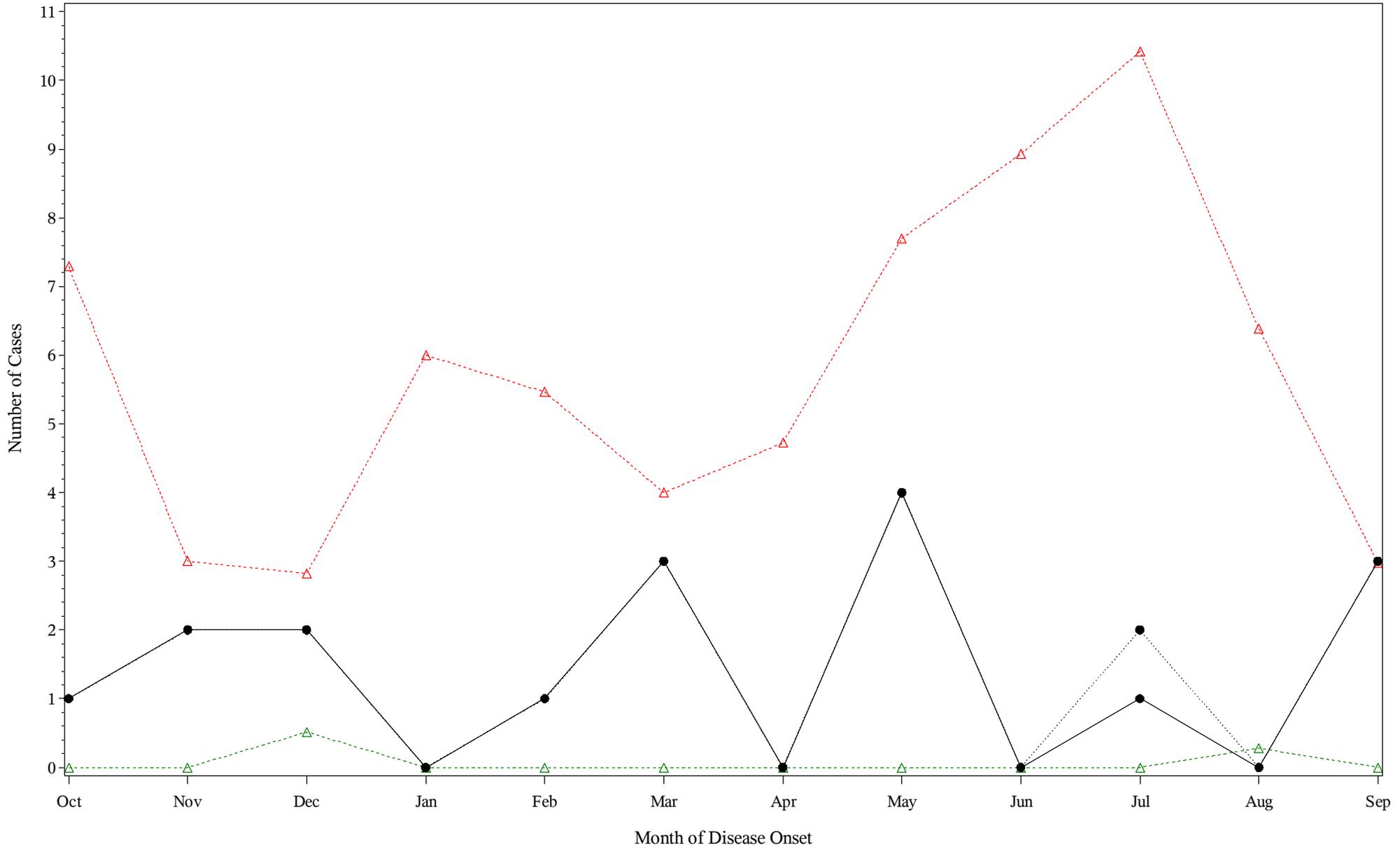
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest Shigellosis



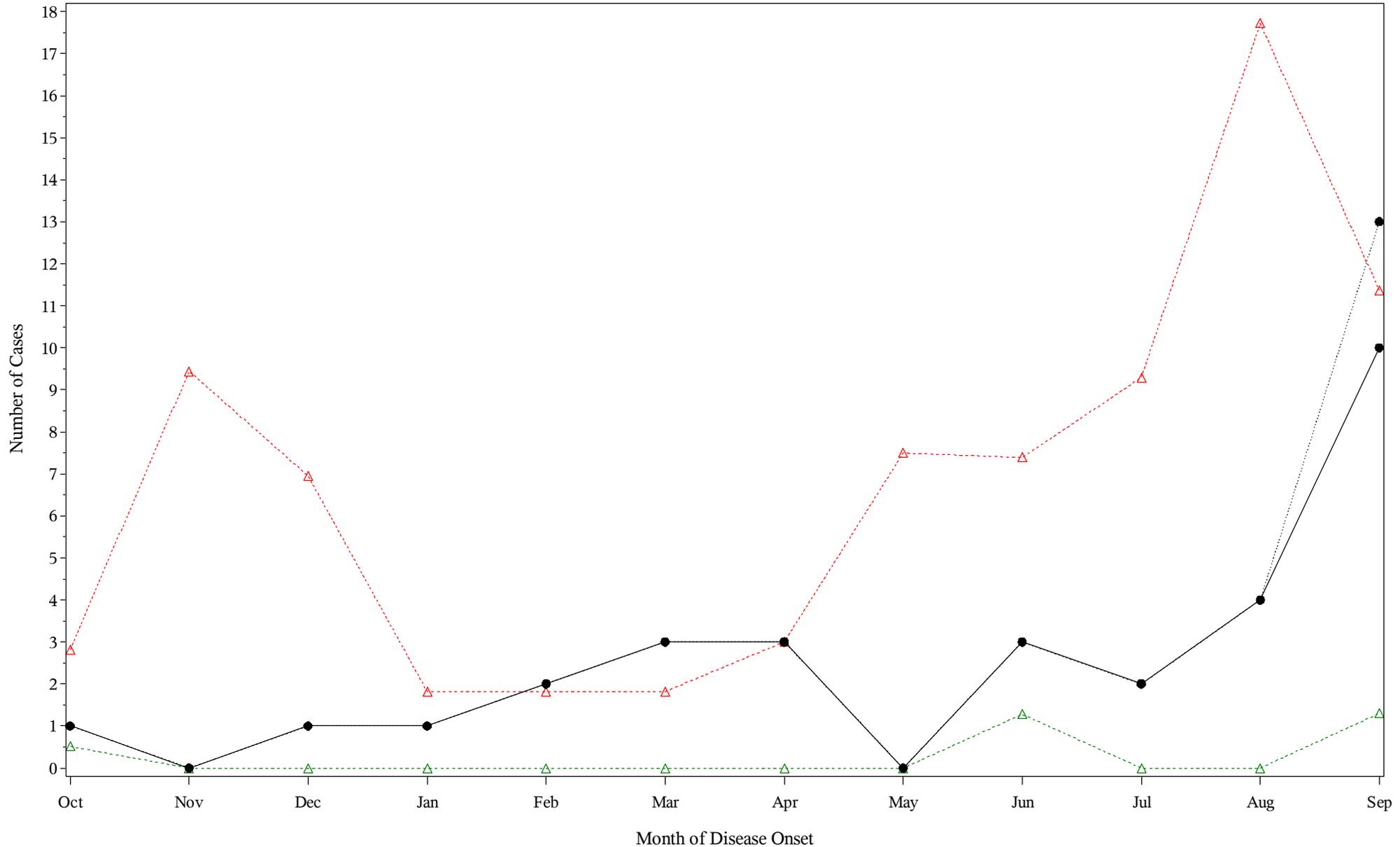
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest Shiga Toxin-Producing Escherichia coli



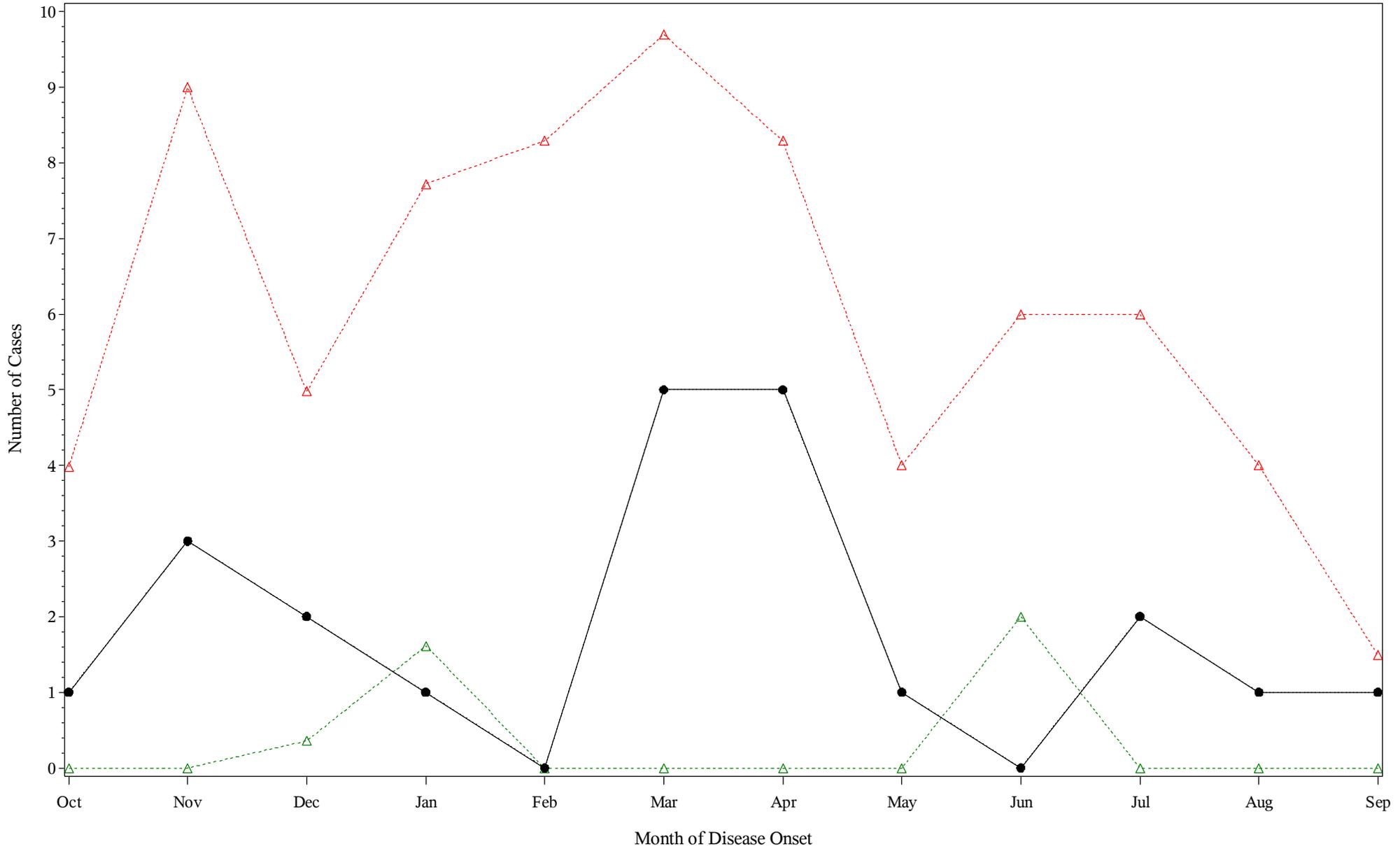
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest Streptococcal Disease, Group A, Invasive



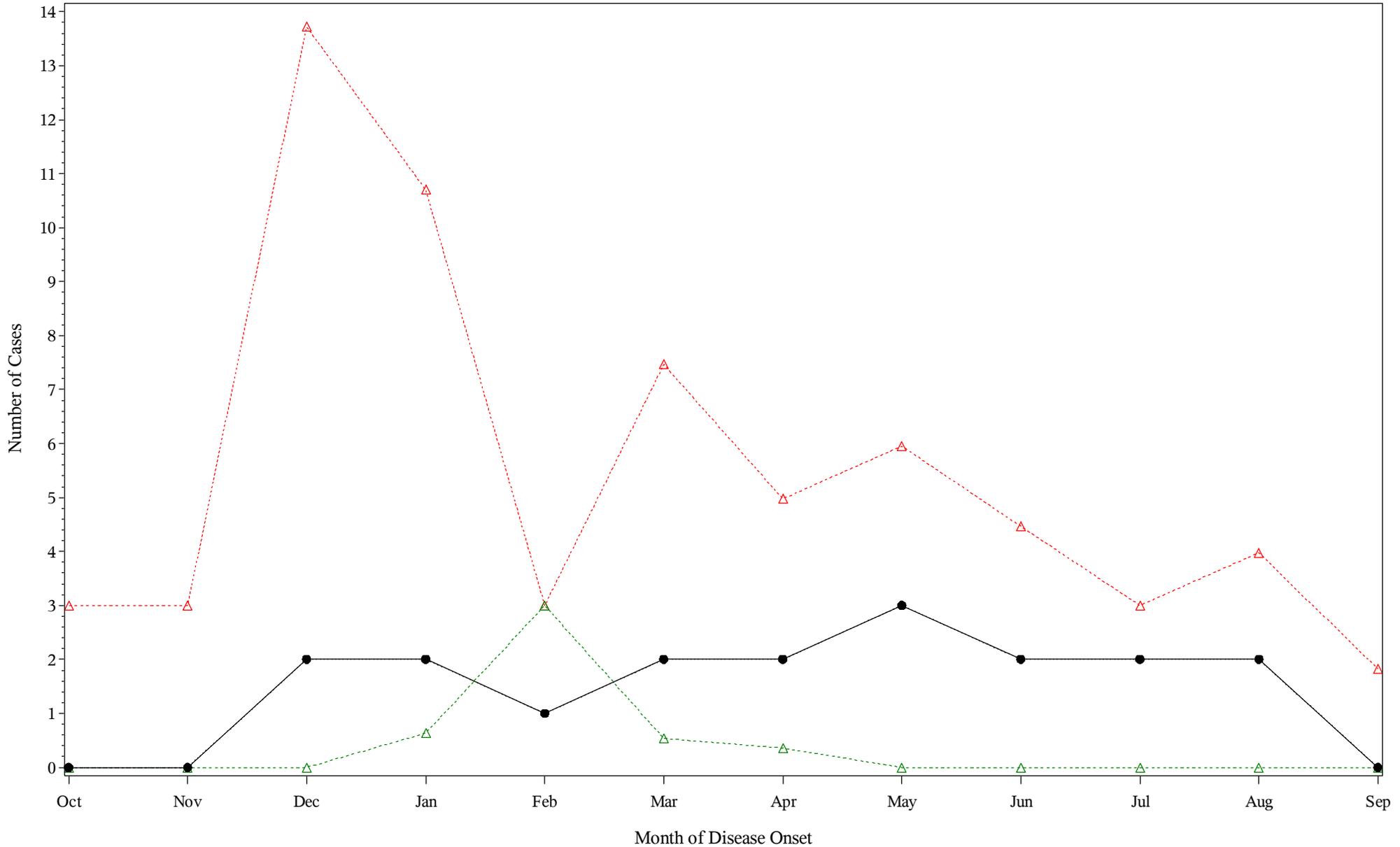
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate



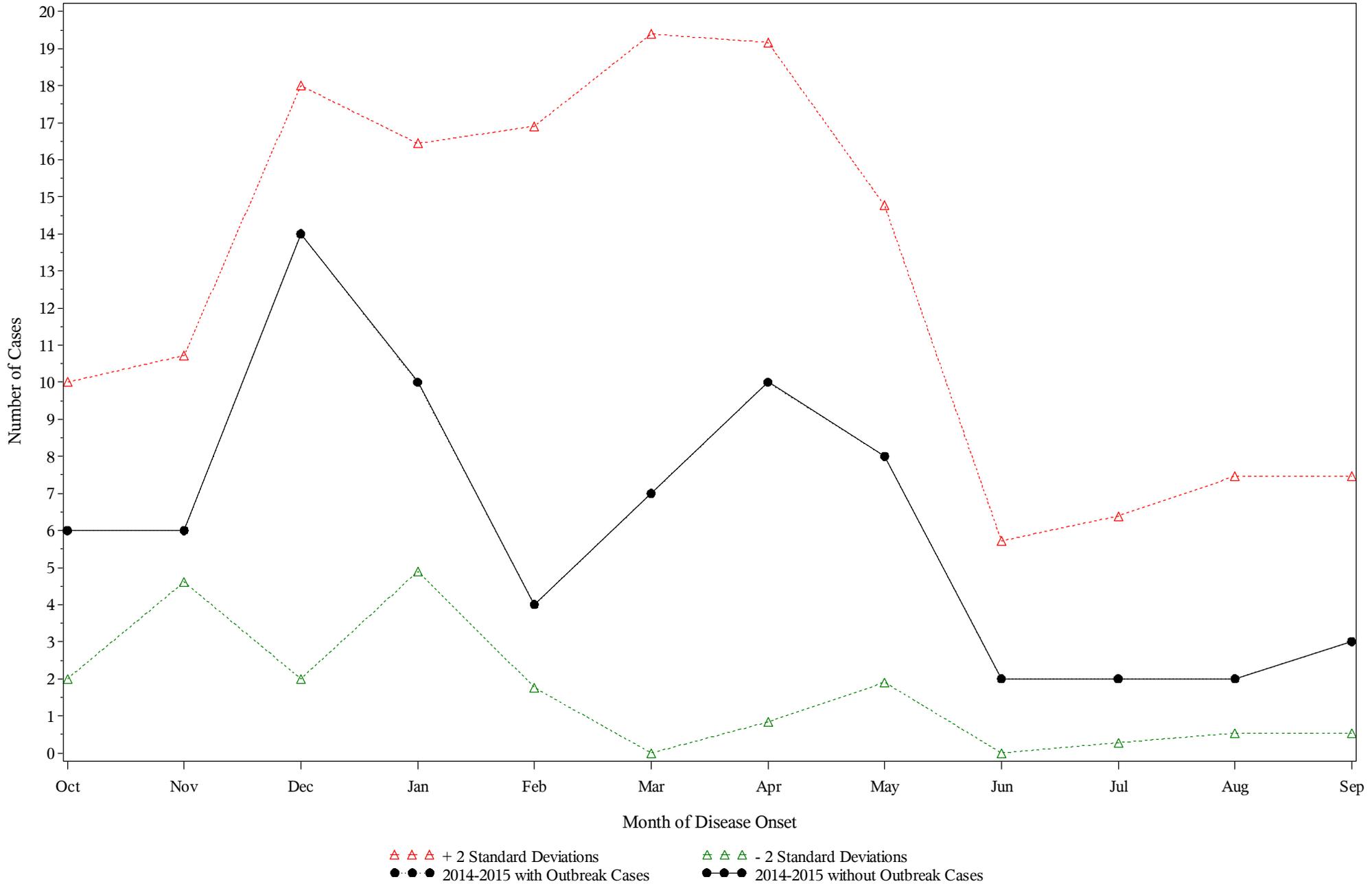
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown



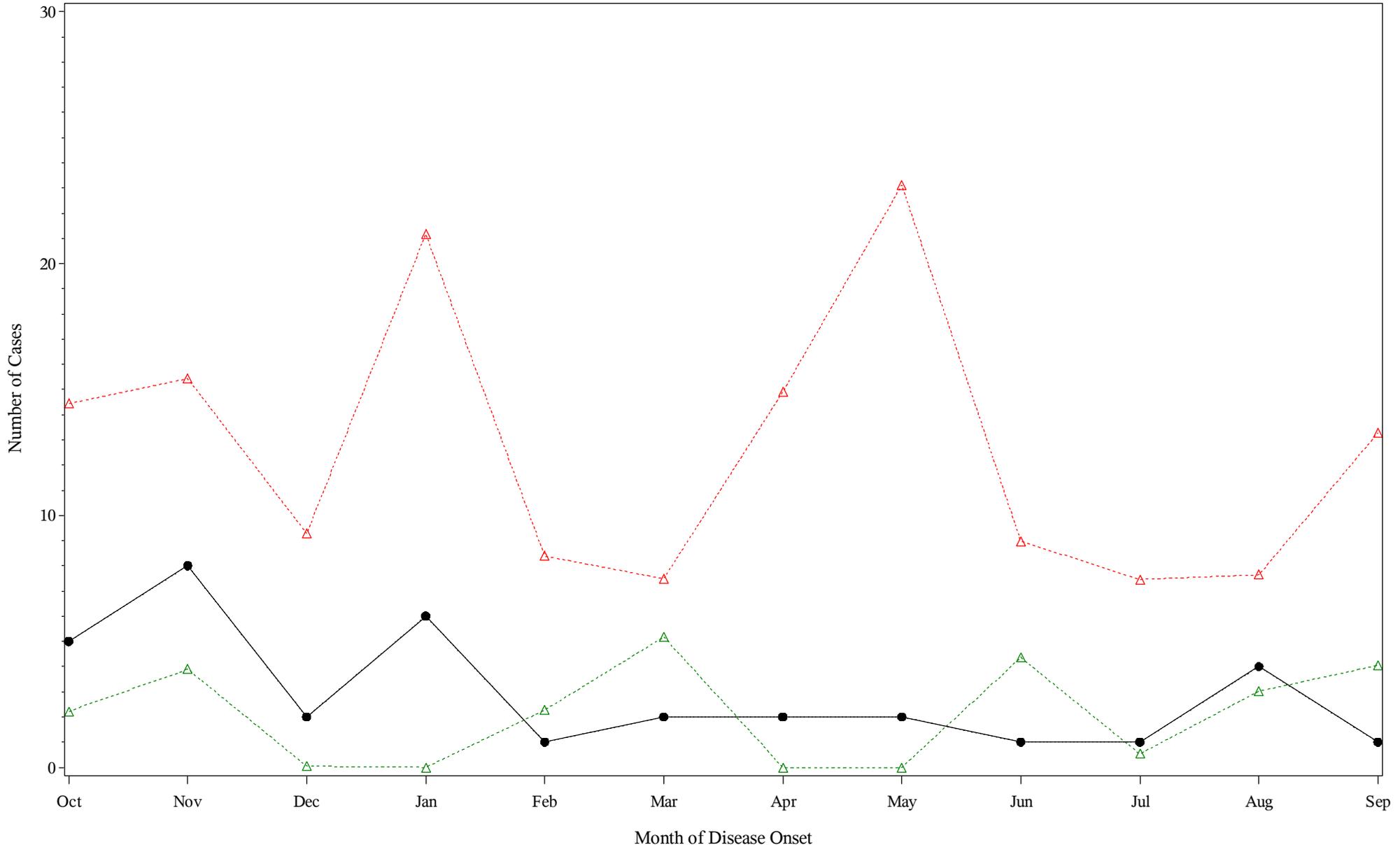
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest Varicella



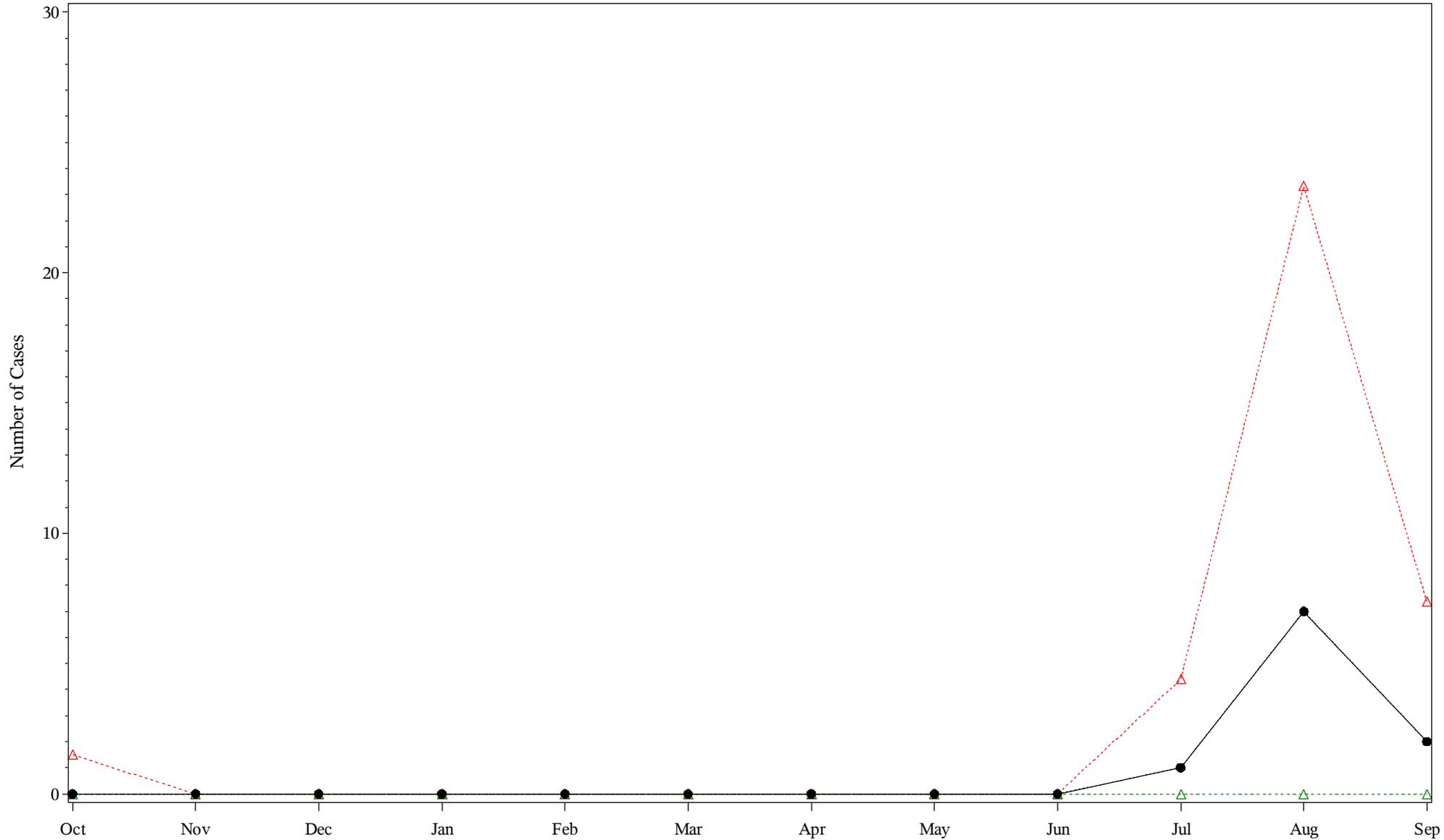
△ △ △ + 2 Standard Deviations     
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest West Nile Virus Disease

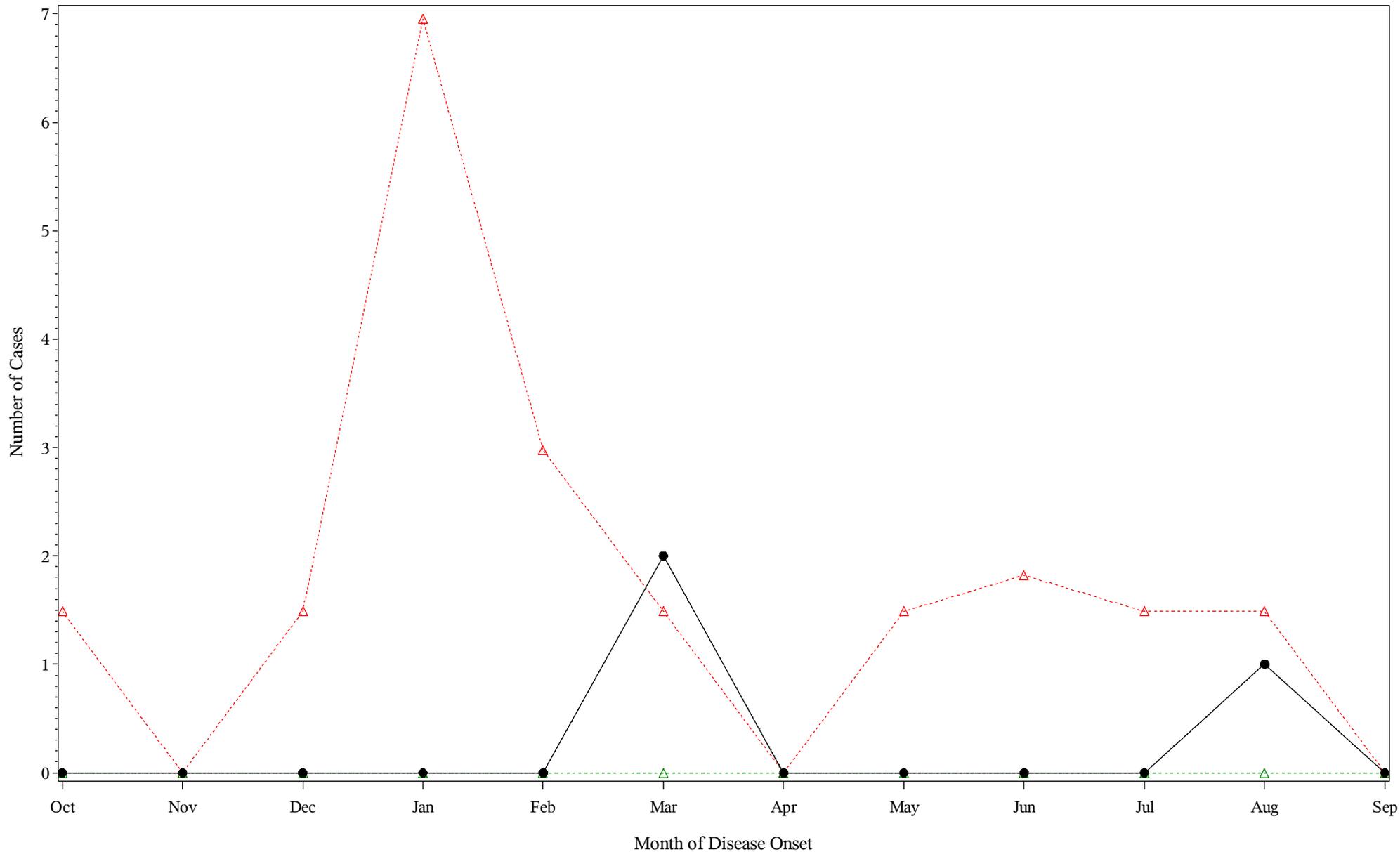


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2014-2015 with Outbreak Cases      ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
Current as of 10/25/2015  
Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Northwest Yersiniosis



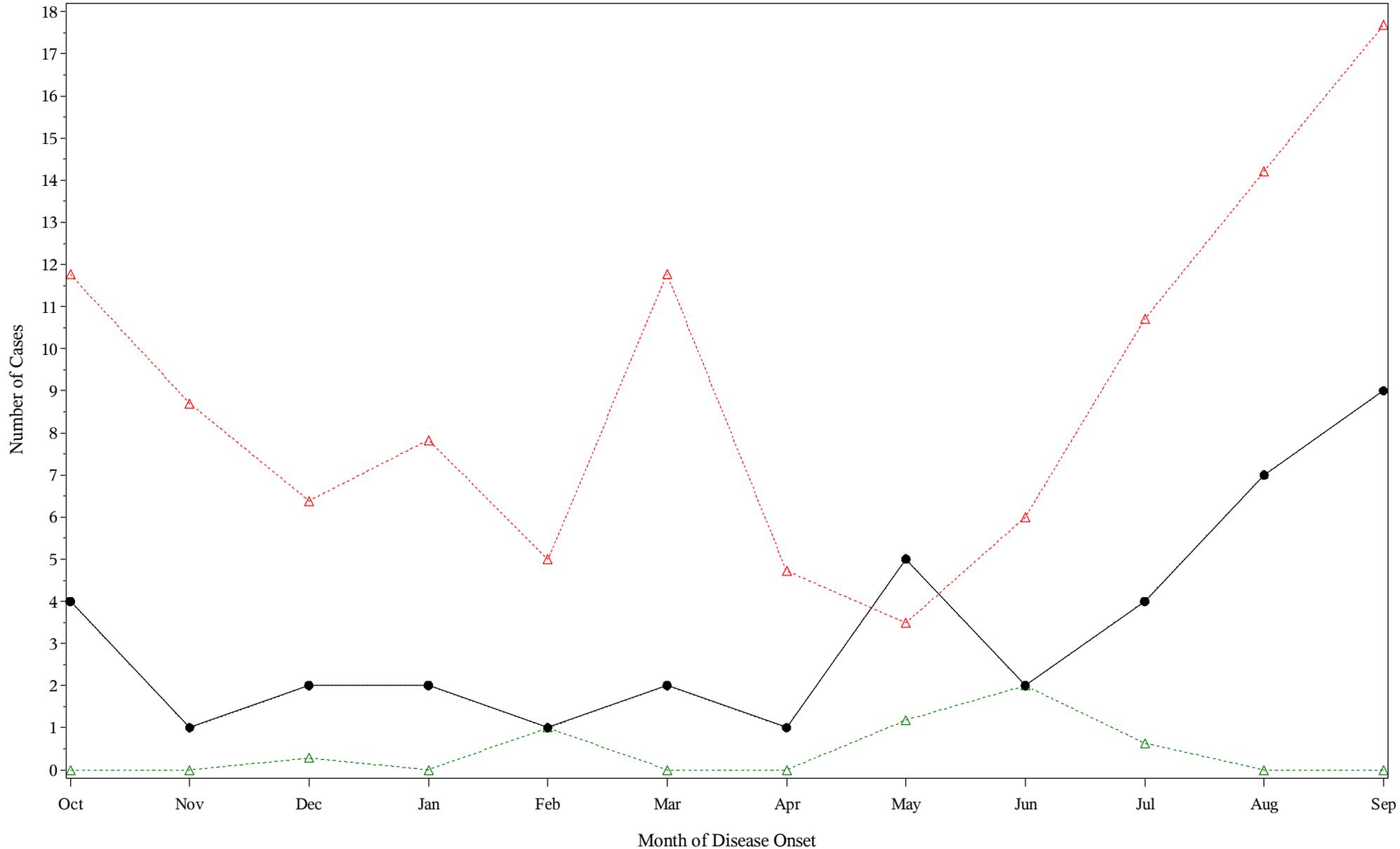
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

## Southeast      Aseptic Meningitis

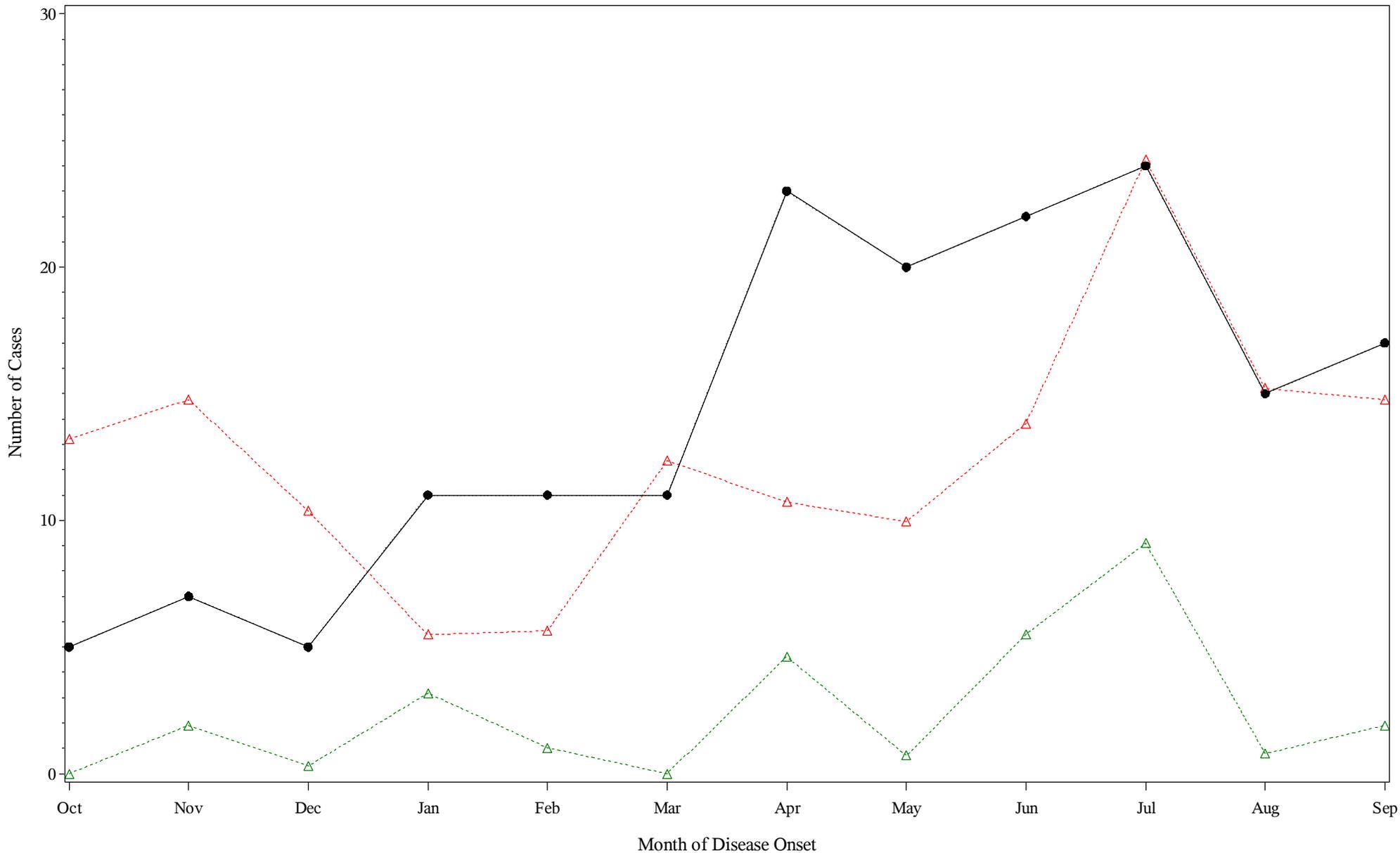


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2014-2015 with Outbreak Cases      ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southeast      Campylobacteriosis

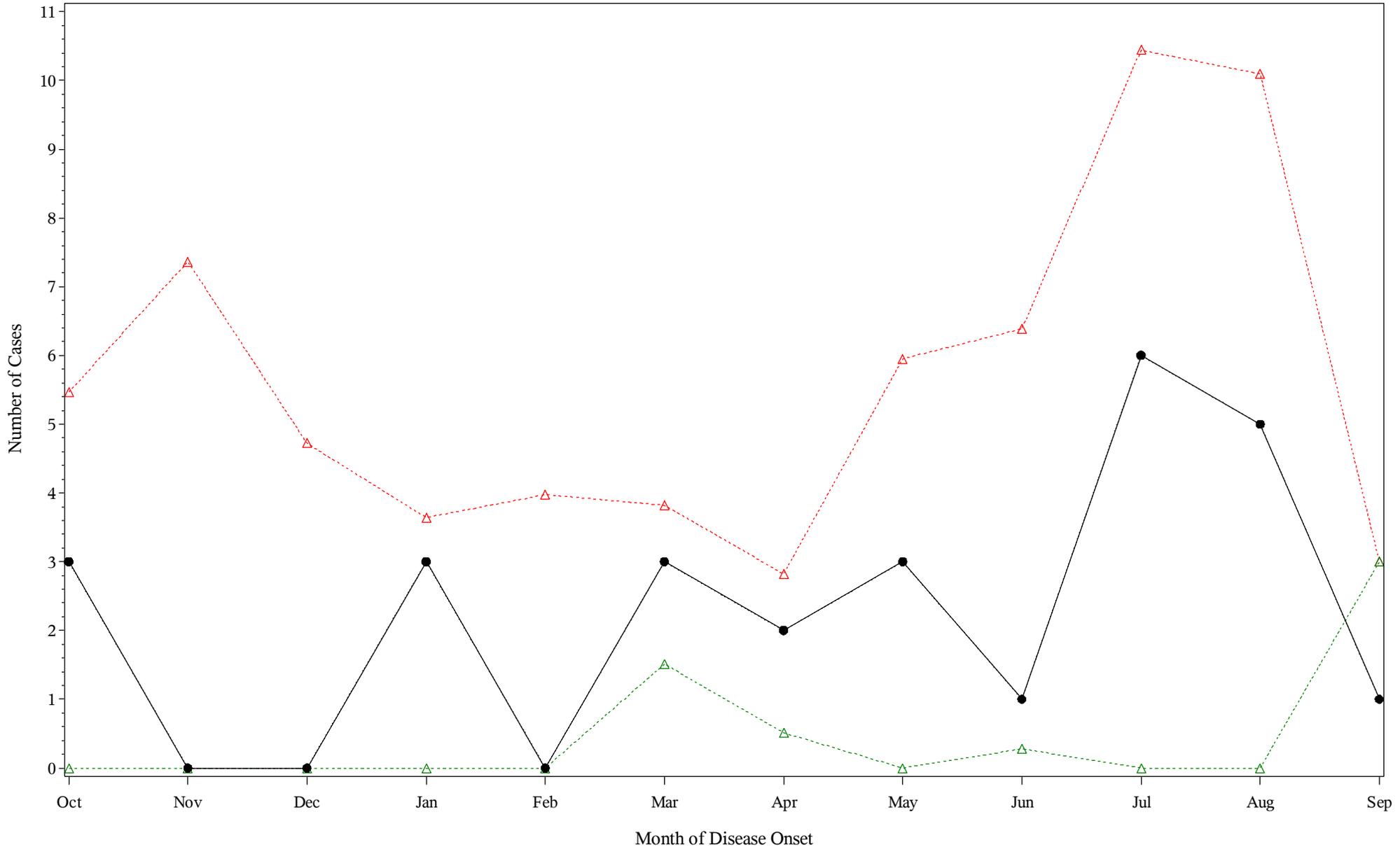


△ △ △ + 2 Standard Deviations     
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southeast Cryptosporidiosis



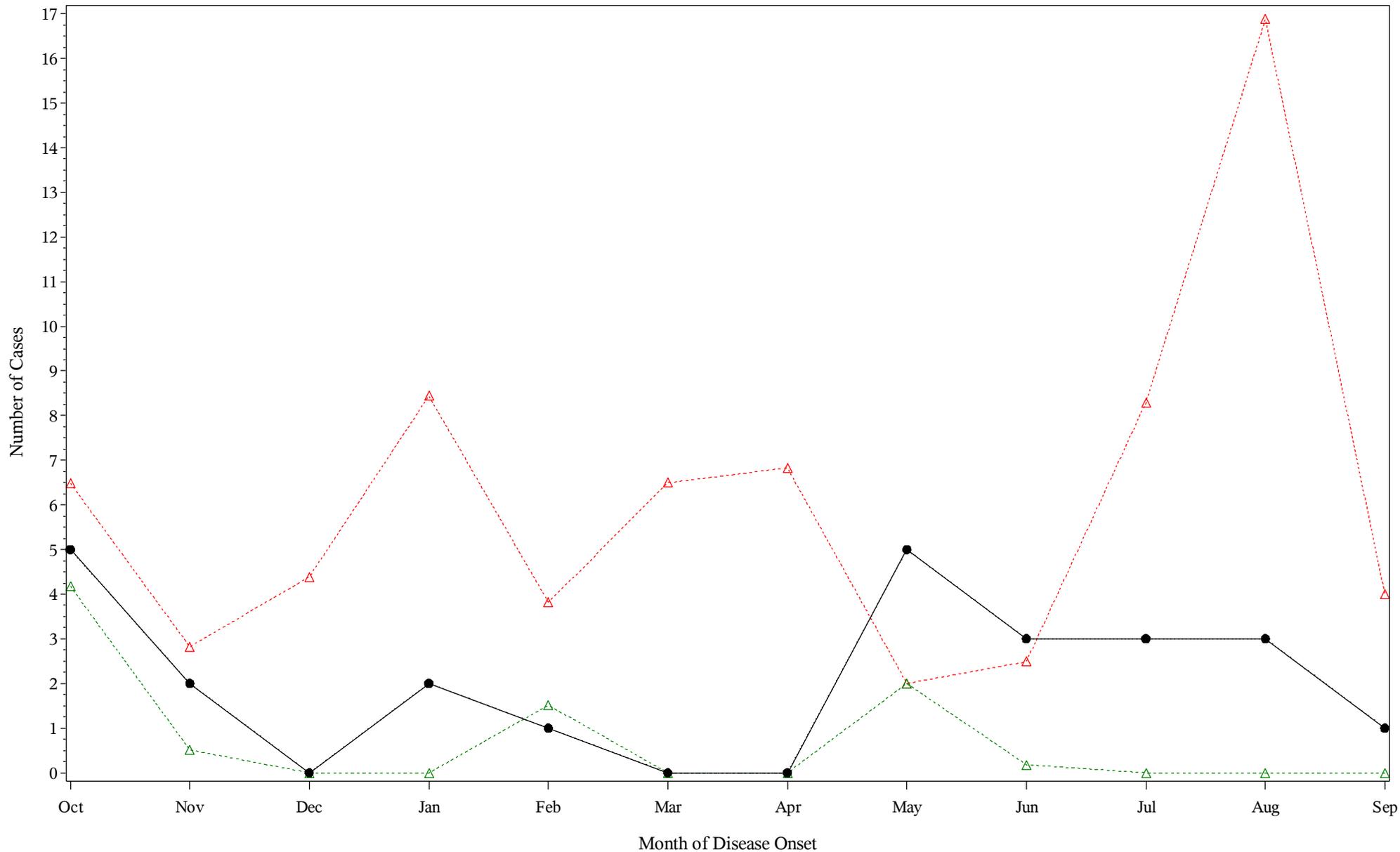
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 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southeast      Giardiasis



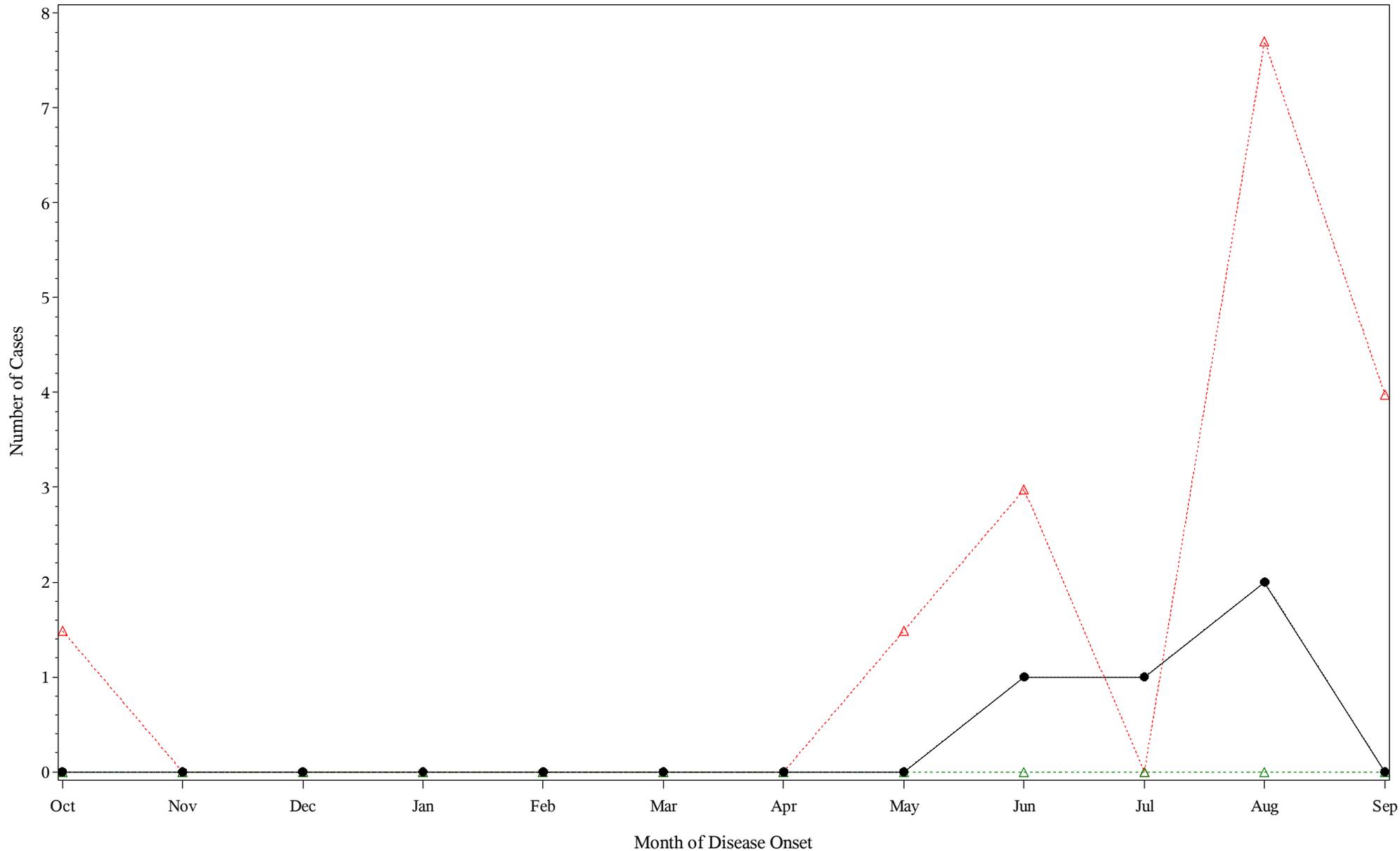
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southeast LaCrosse Virus Disease



△ △ △ + 2 Standard Deviations

△ △ △ - 2 Standard Deviations

● ● ● 2014-2015 with Outbreak Cases

● ● ● 2014-2015 without Outbreak Cases

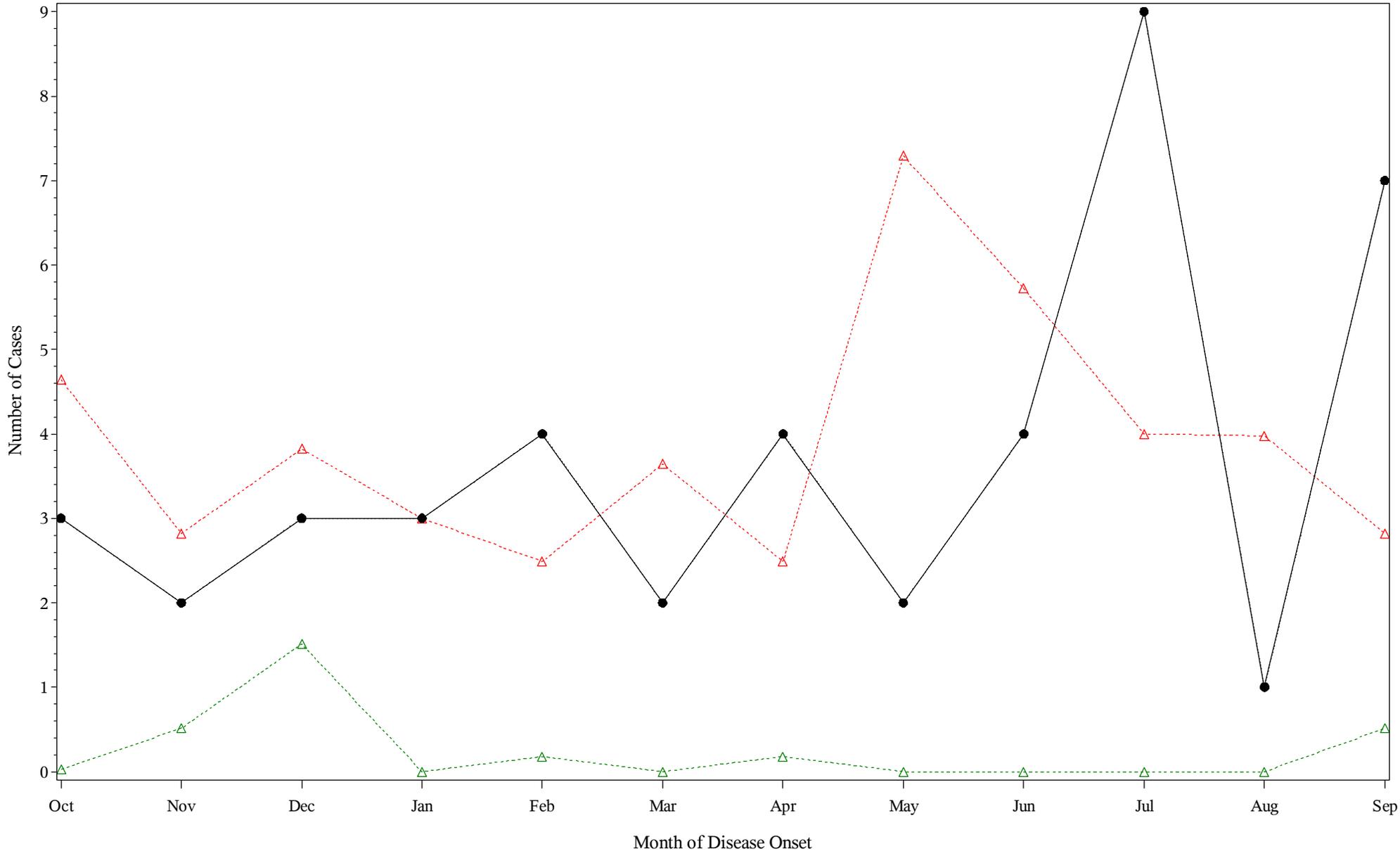
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southeast Legionellosis



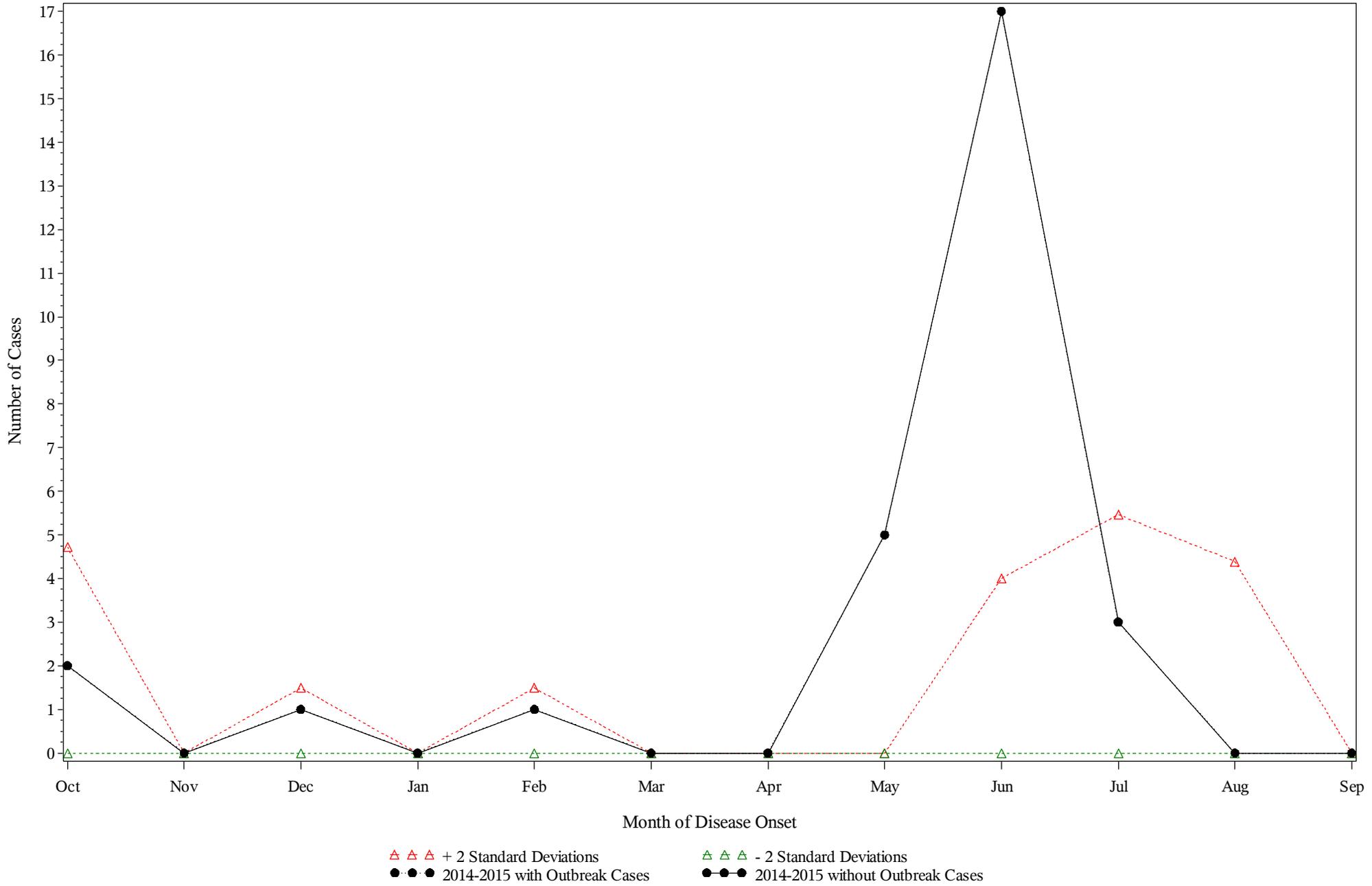
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

## Southeast      Lyme Disease

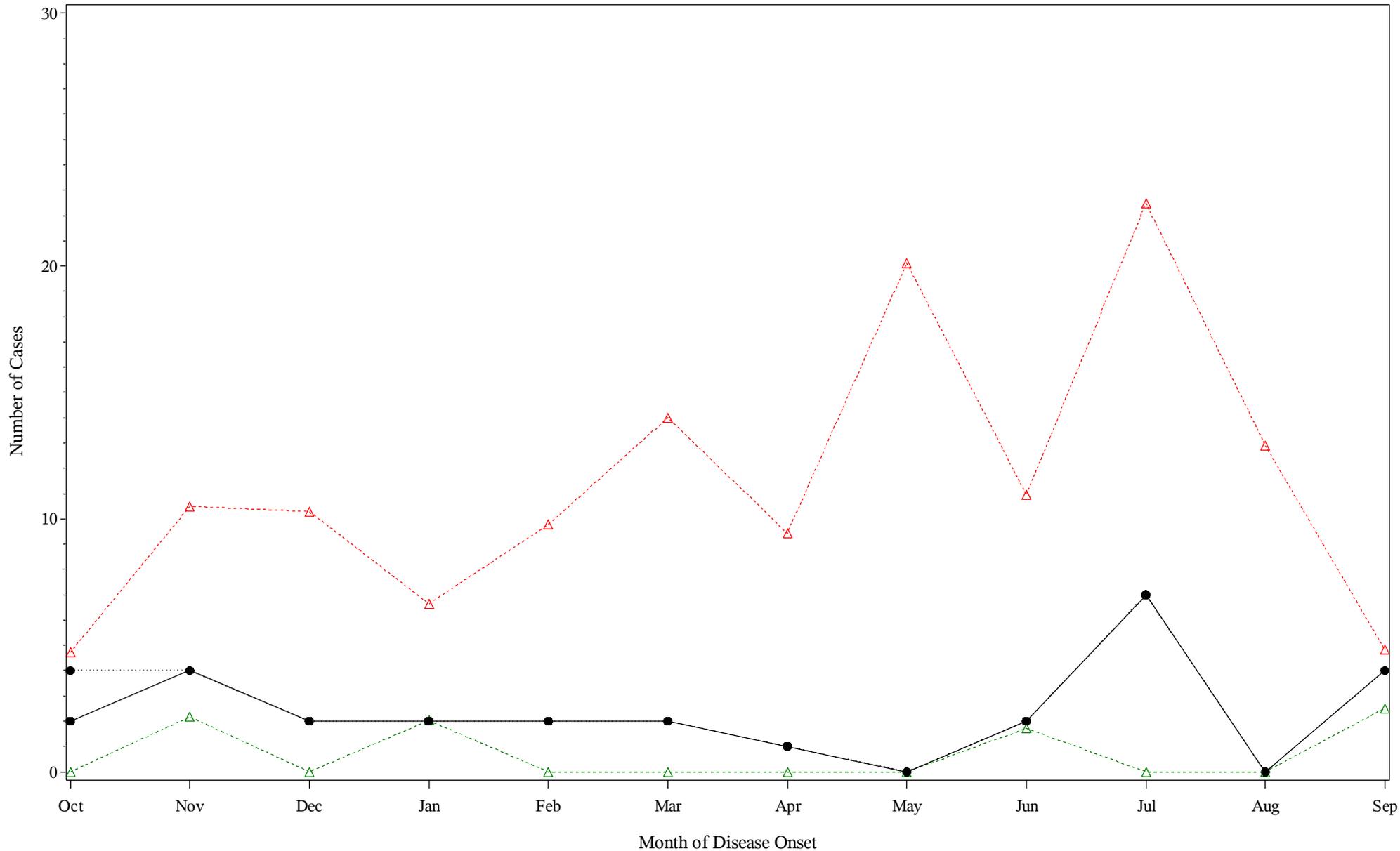


Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southeast Pertussis



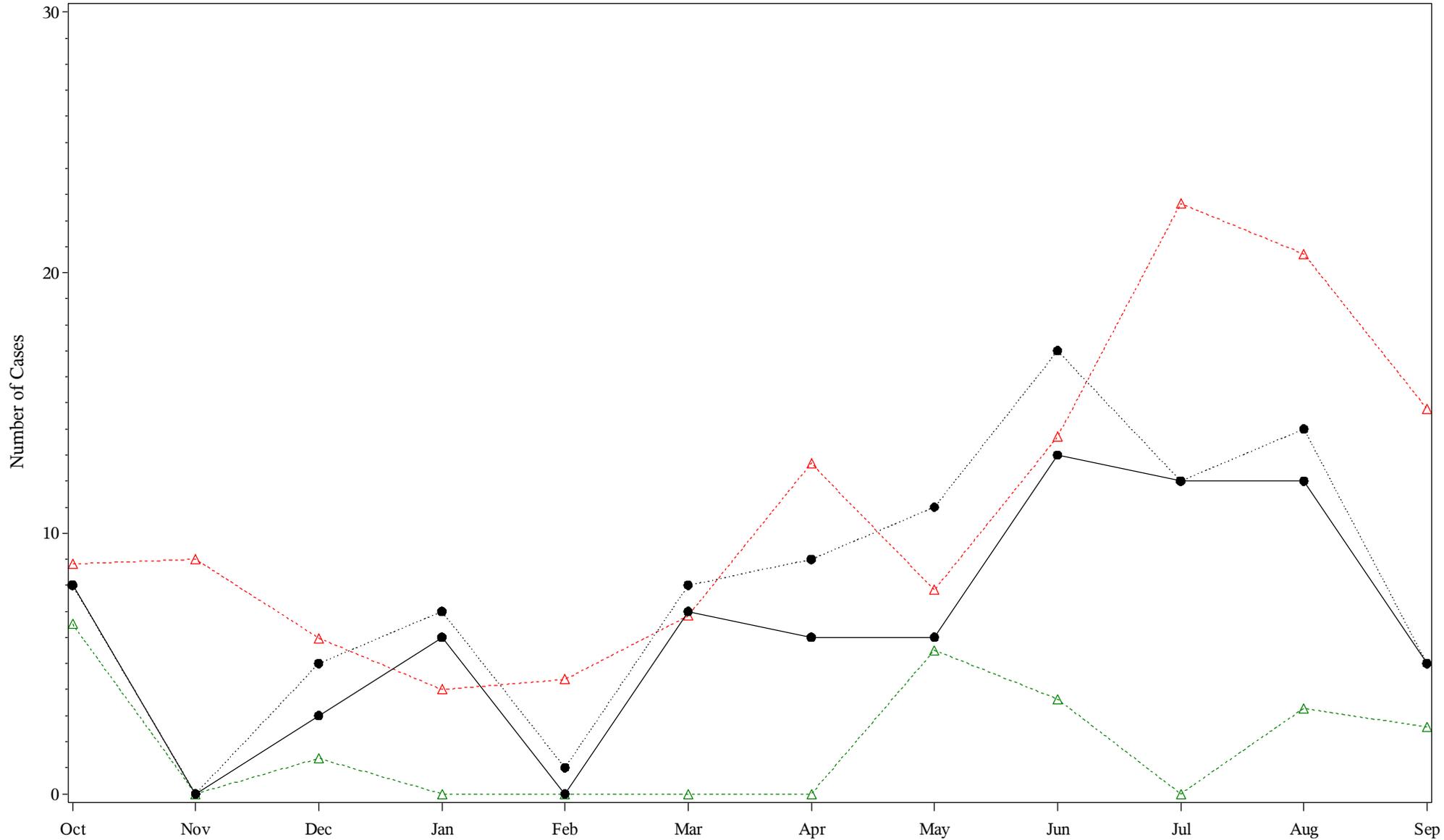
△ △ △ + 2 Standard Deviations     
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

## Southeast Salmonellosis

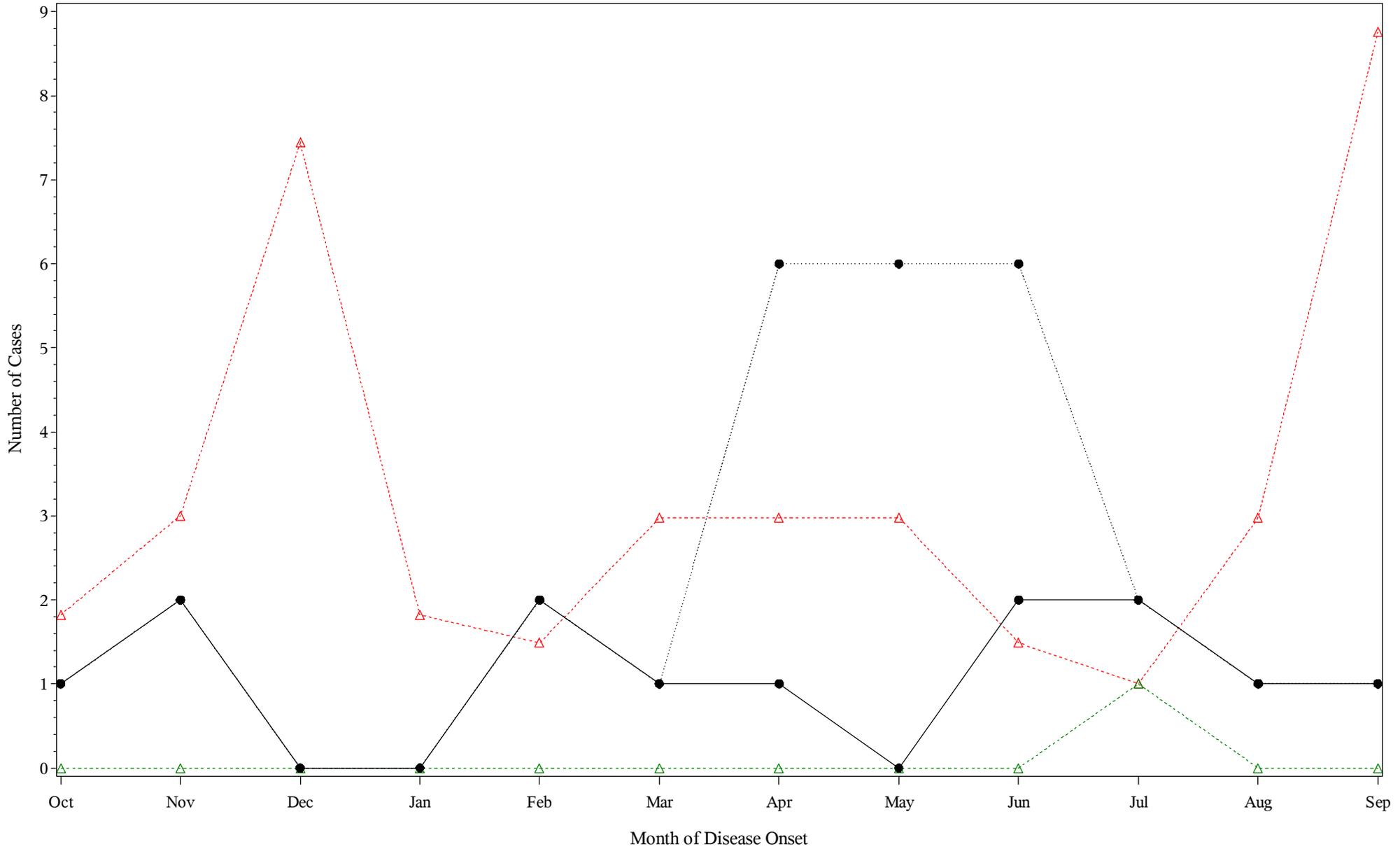


△ △ △ + 2 Standard Deviations     
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● ● ● 2014-2015 with Outbreak Cases     
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southeast Shigellosis



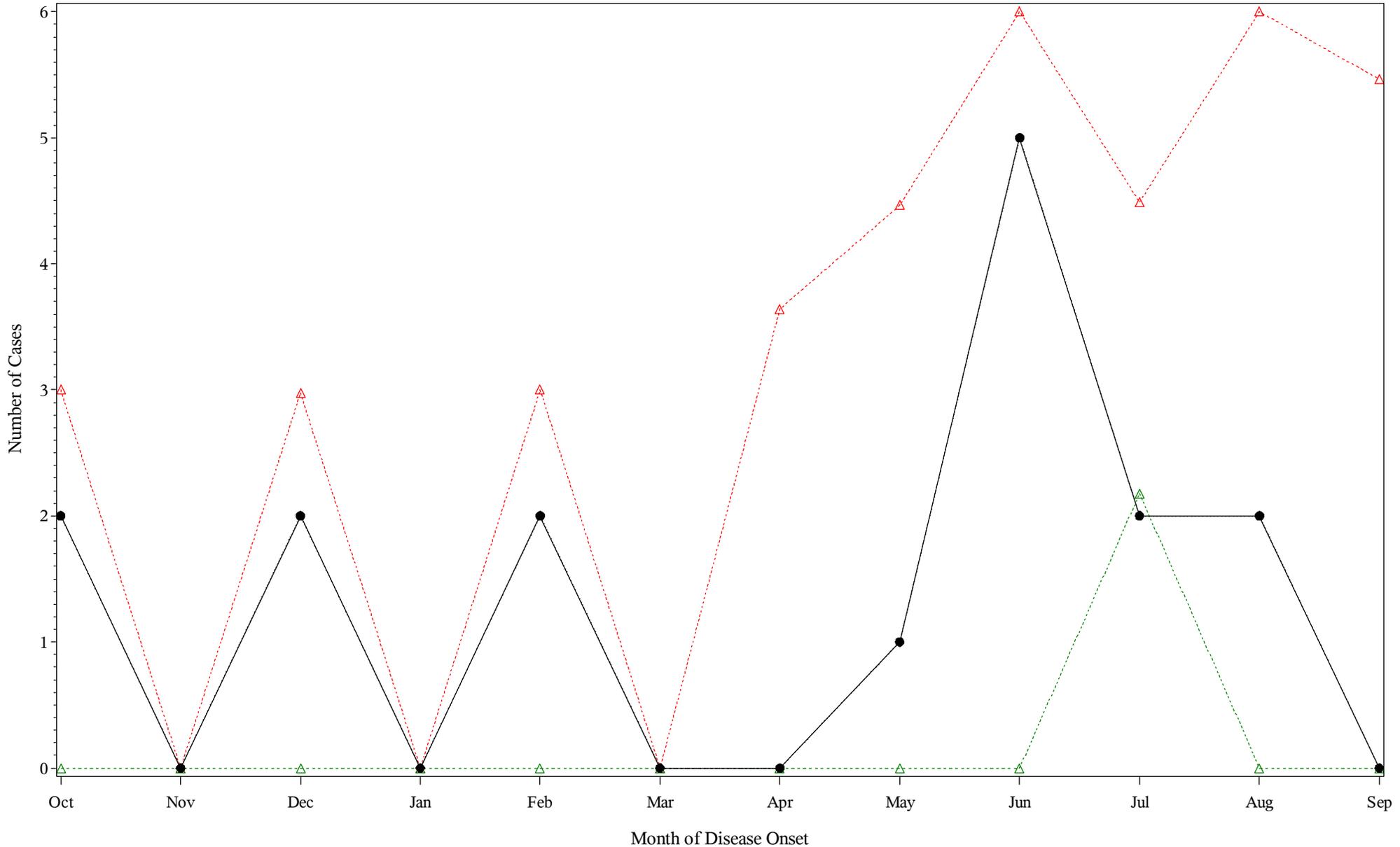
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

## Southeast Shiga Toxin-Producing Escherichia coli



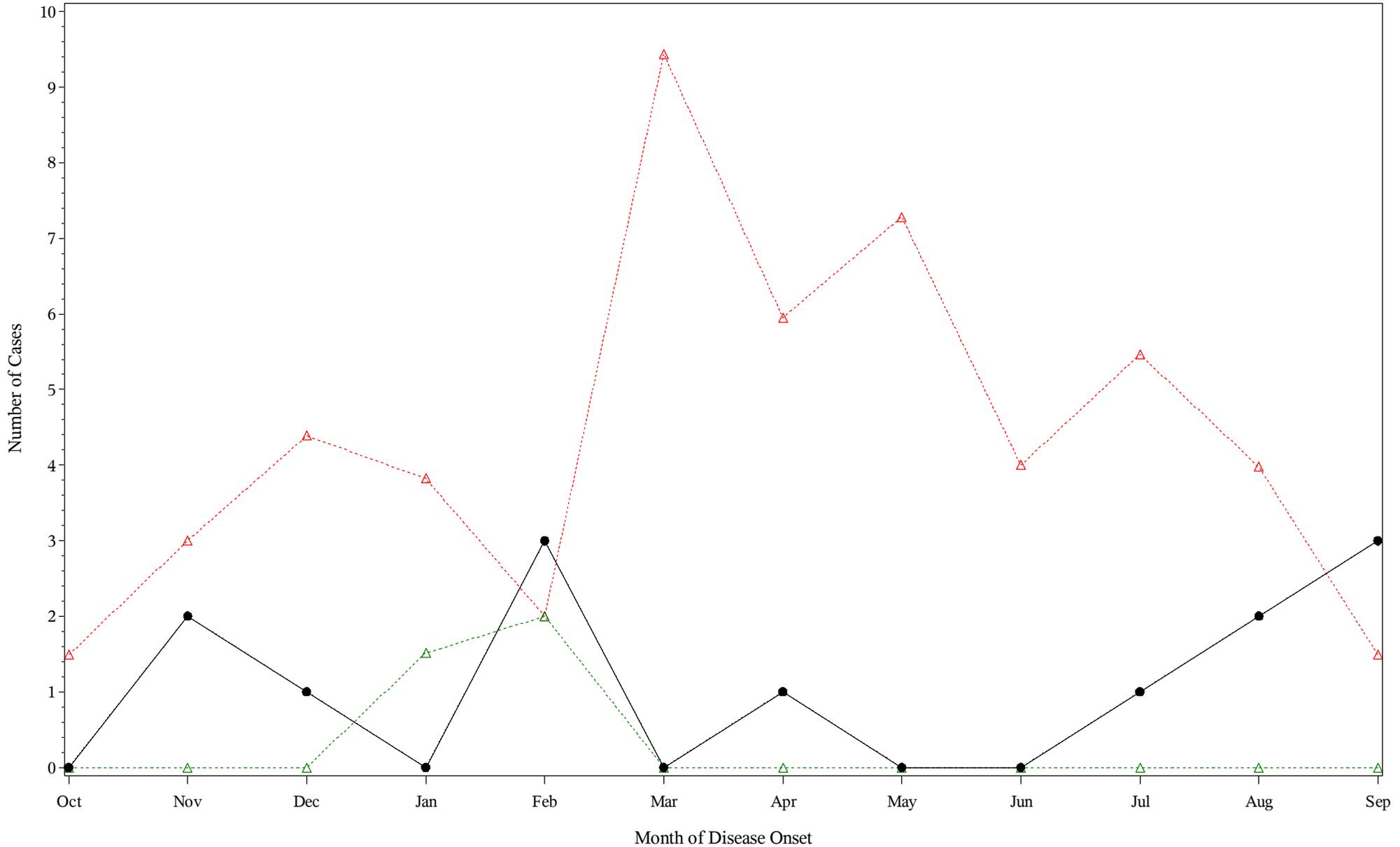
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● ● ● 2014-2015 with Outbreak Cases      ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southeast Streptococcal Disease, Group A, Invasive



△ △ △ + 2 Standard Deviations

△ △ △ - 2 Standard Deviations

● ● ● 2014-2015 with Outbreak Cases

● ● ● 2014-2015 without Outbreak Cases

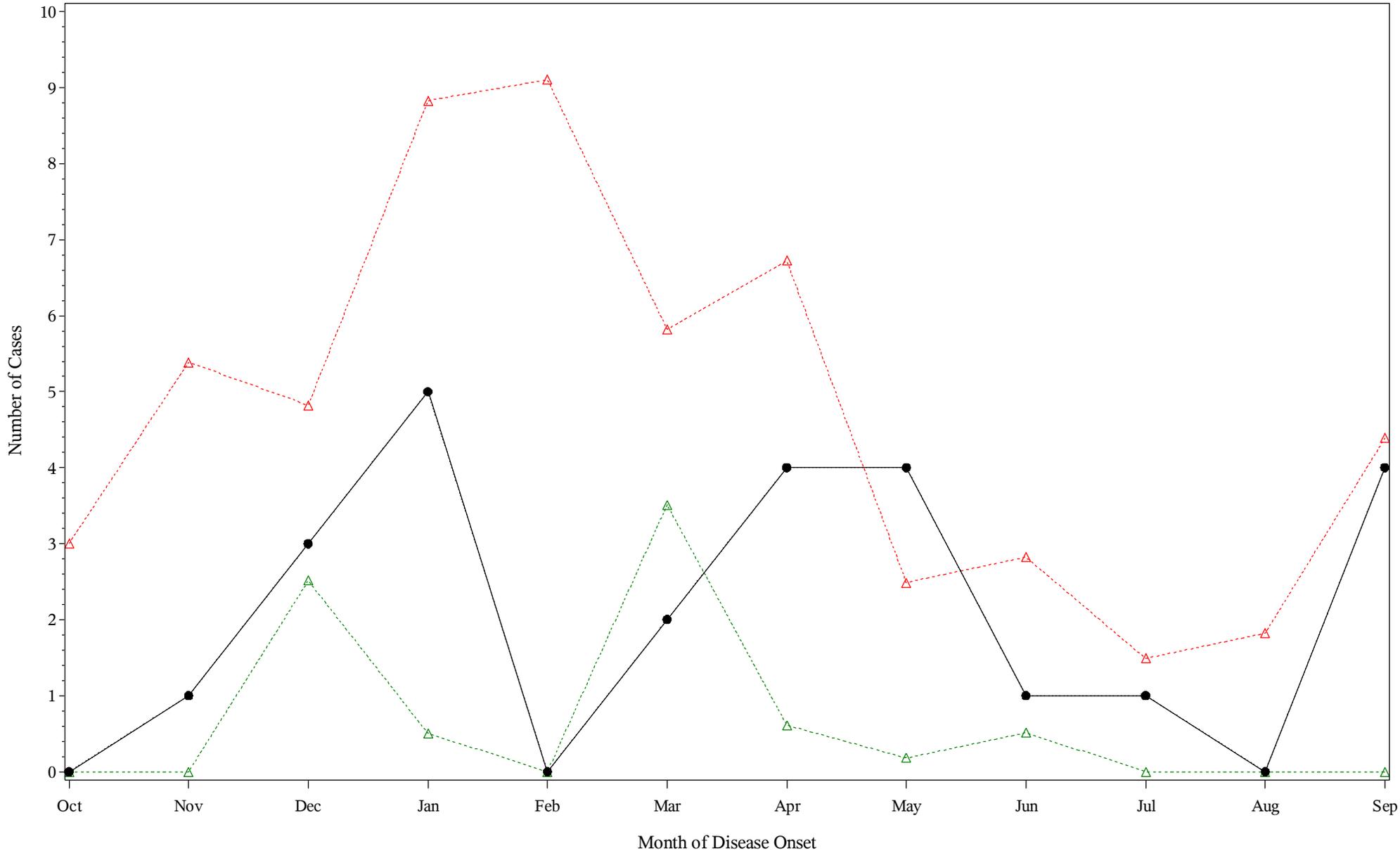
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

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

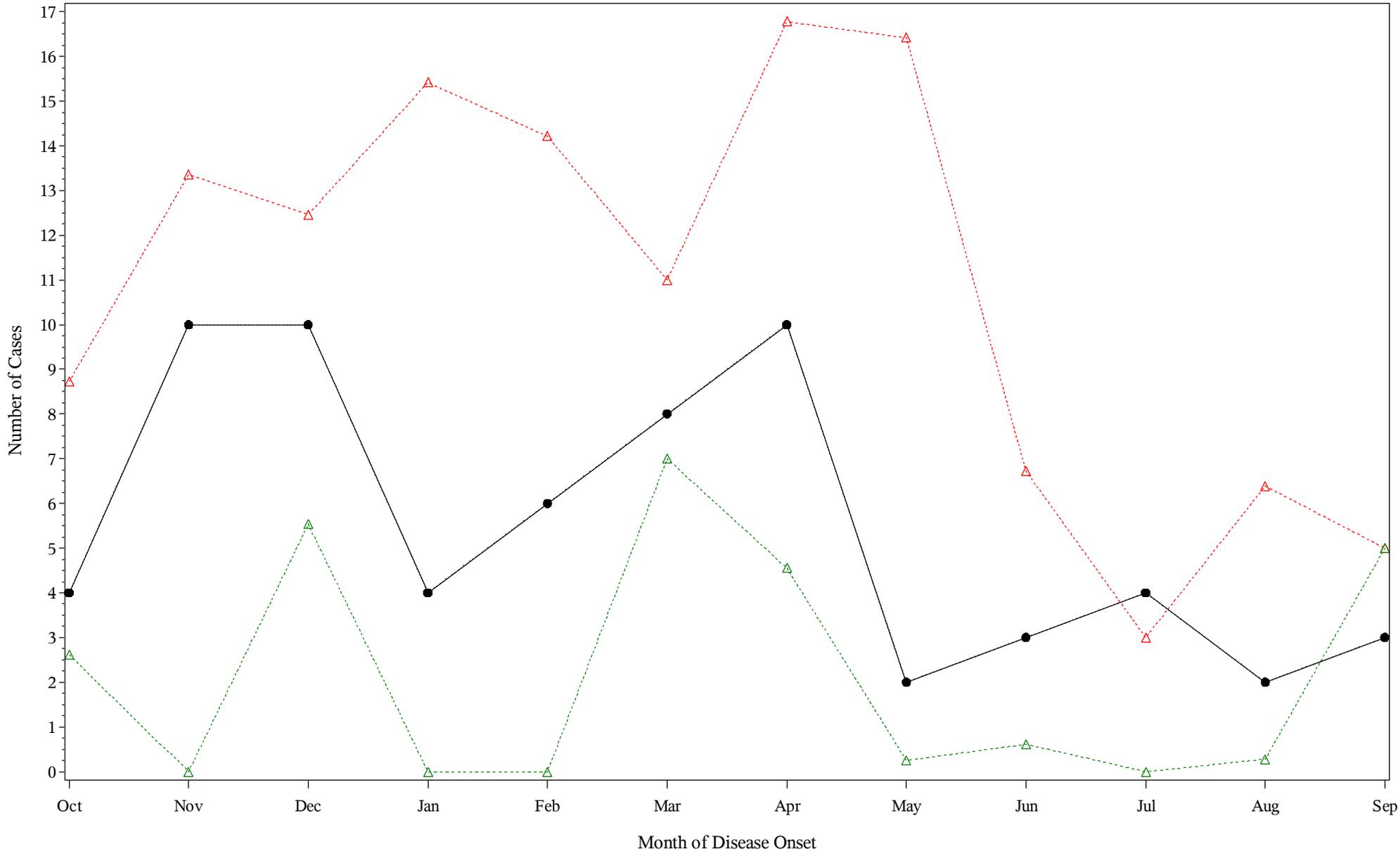


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

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

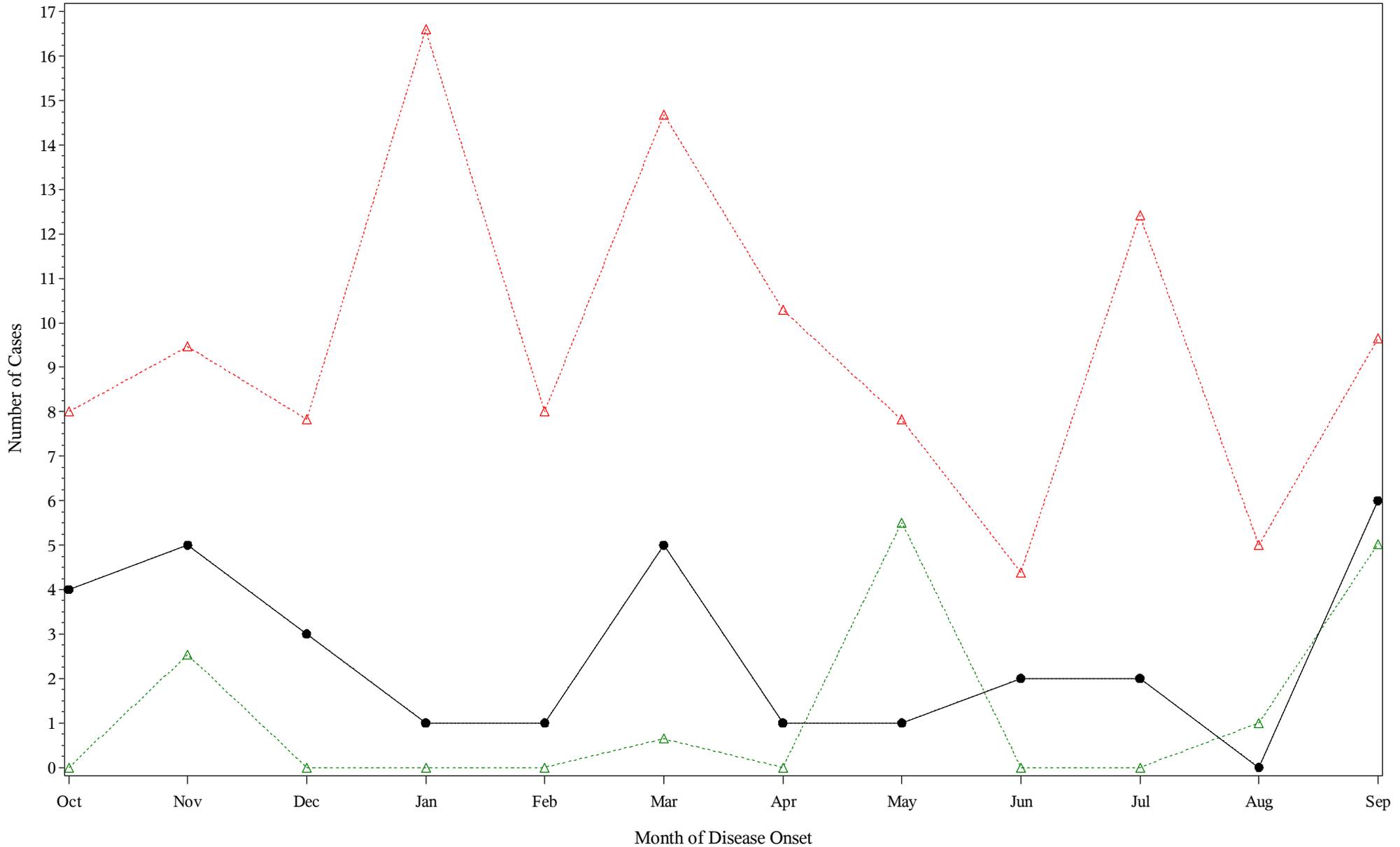


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southeast Varicella



△ △ △ + 2 Standard Deviations

△ △ △ - 2 Standard Deviations

● ● ● 2014-2015 with Outbreak Cases

● ● ● 2014-2015 without Outbreak Cases

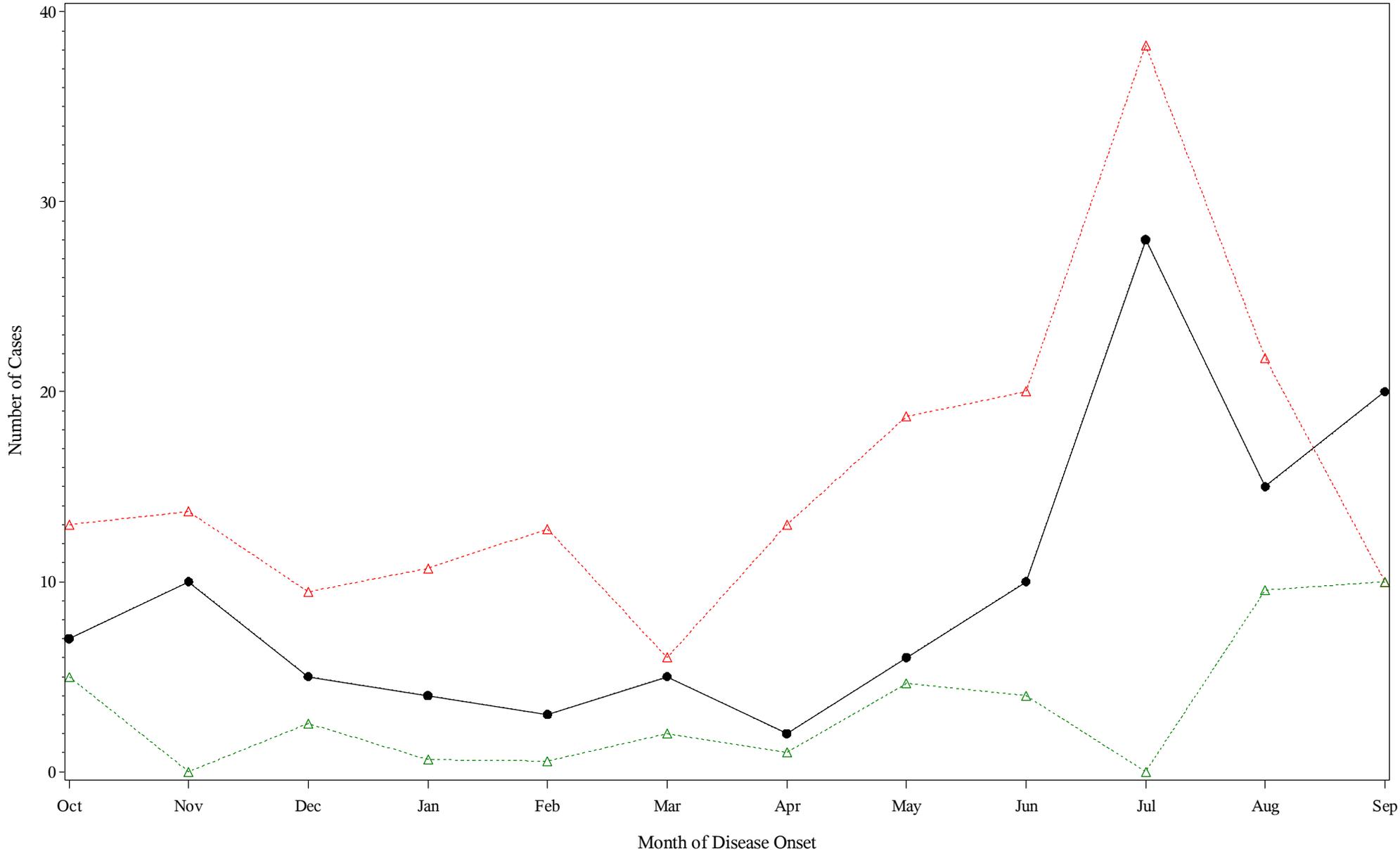
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

## Southwest      Aseptic Meningitis



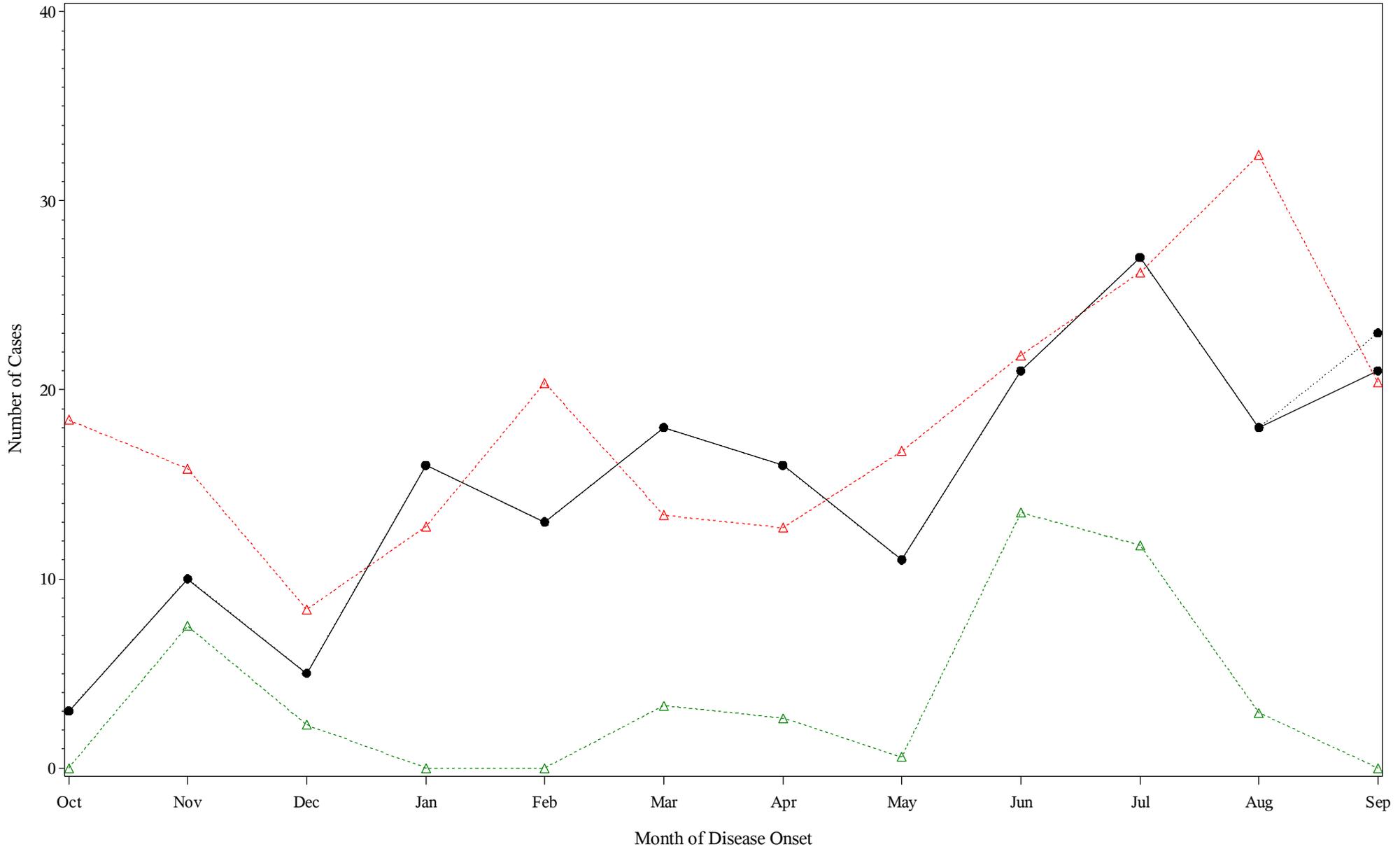
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southwest      Campylobacteriosis



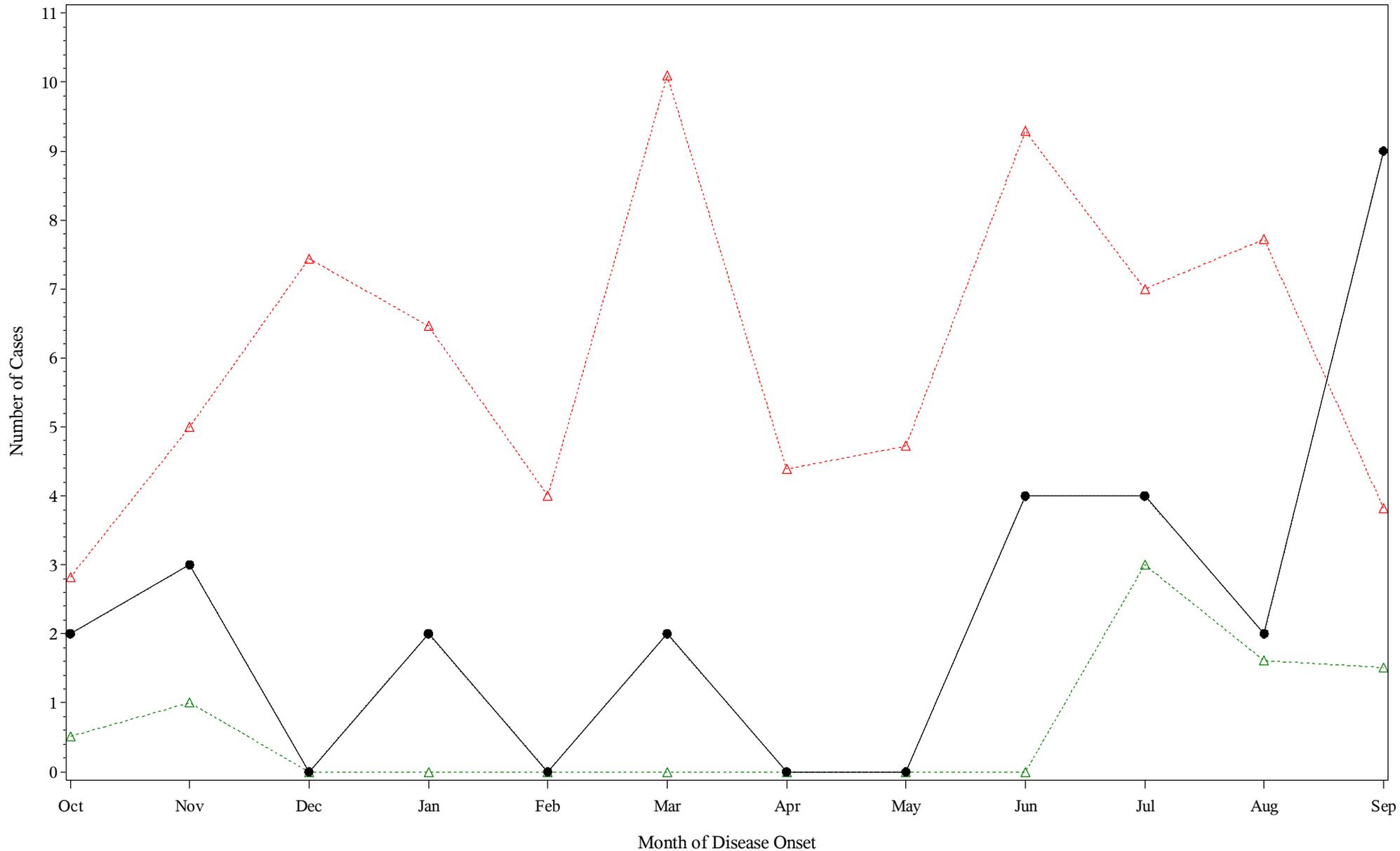
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southwest Cryptosporidiosis



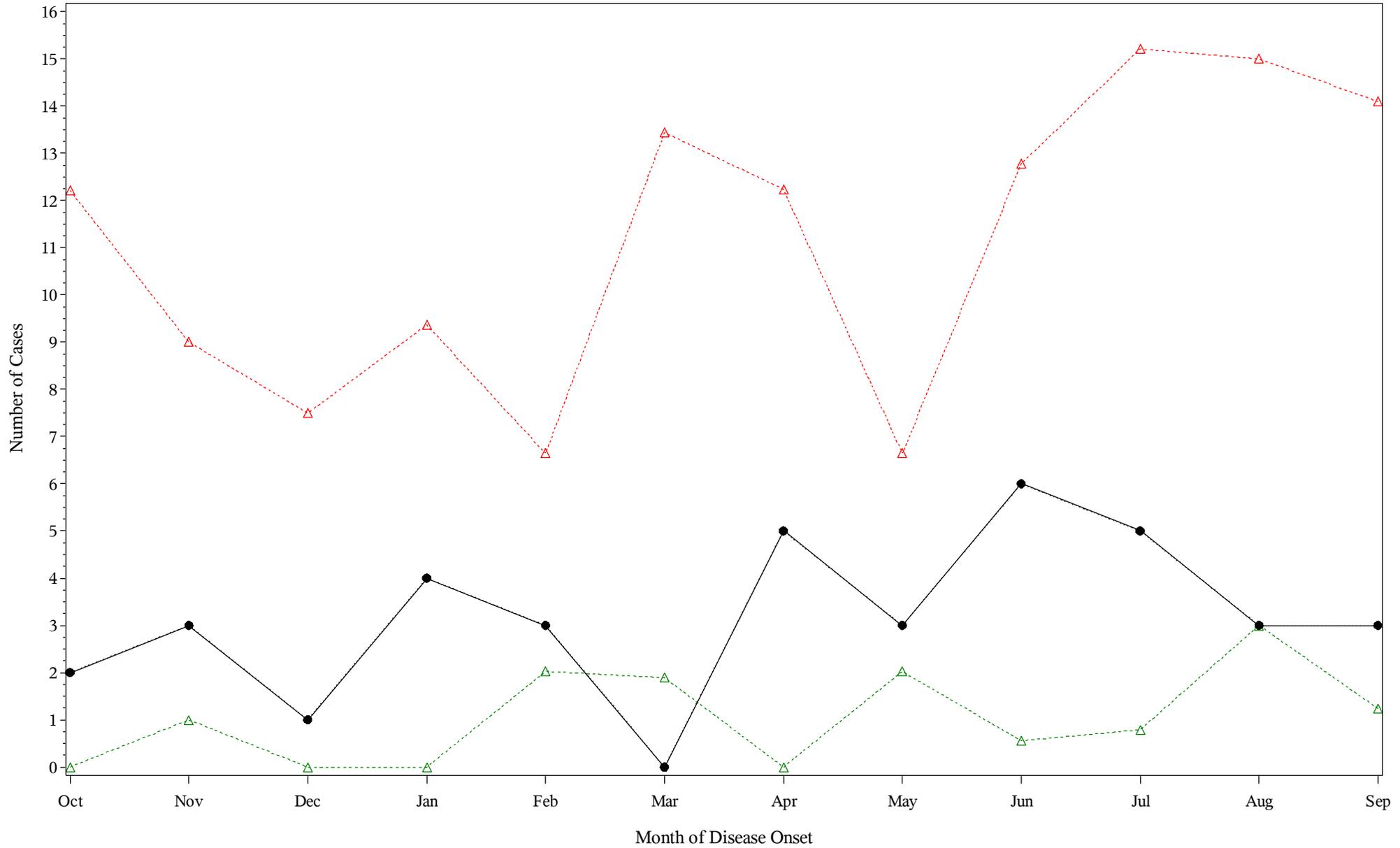
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southwest      Giardiasis



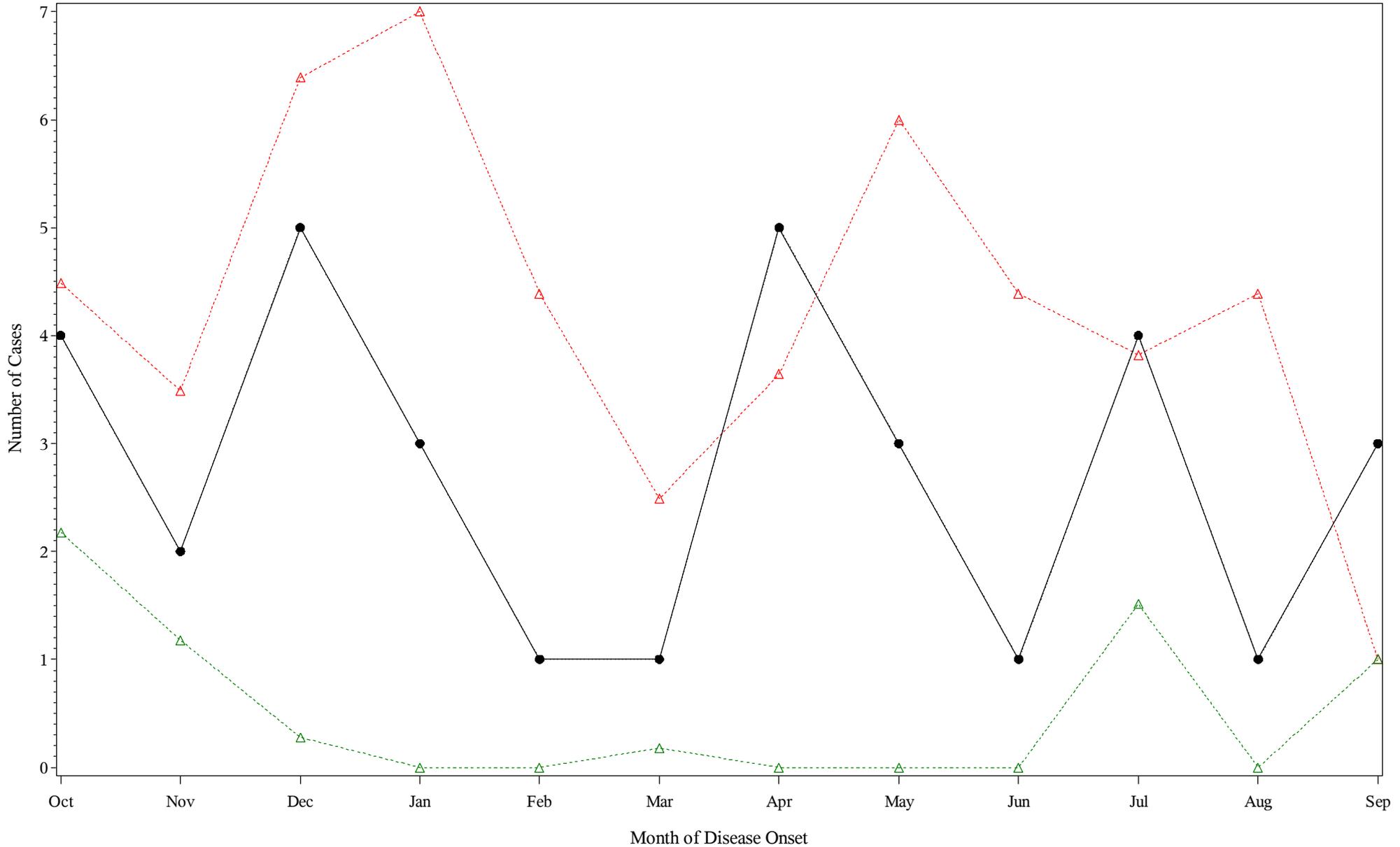
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 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southwest Haemophilus influenzae, Invasive



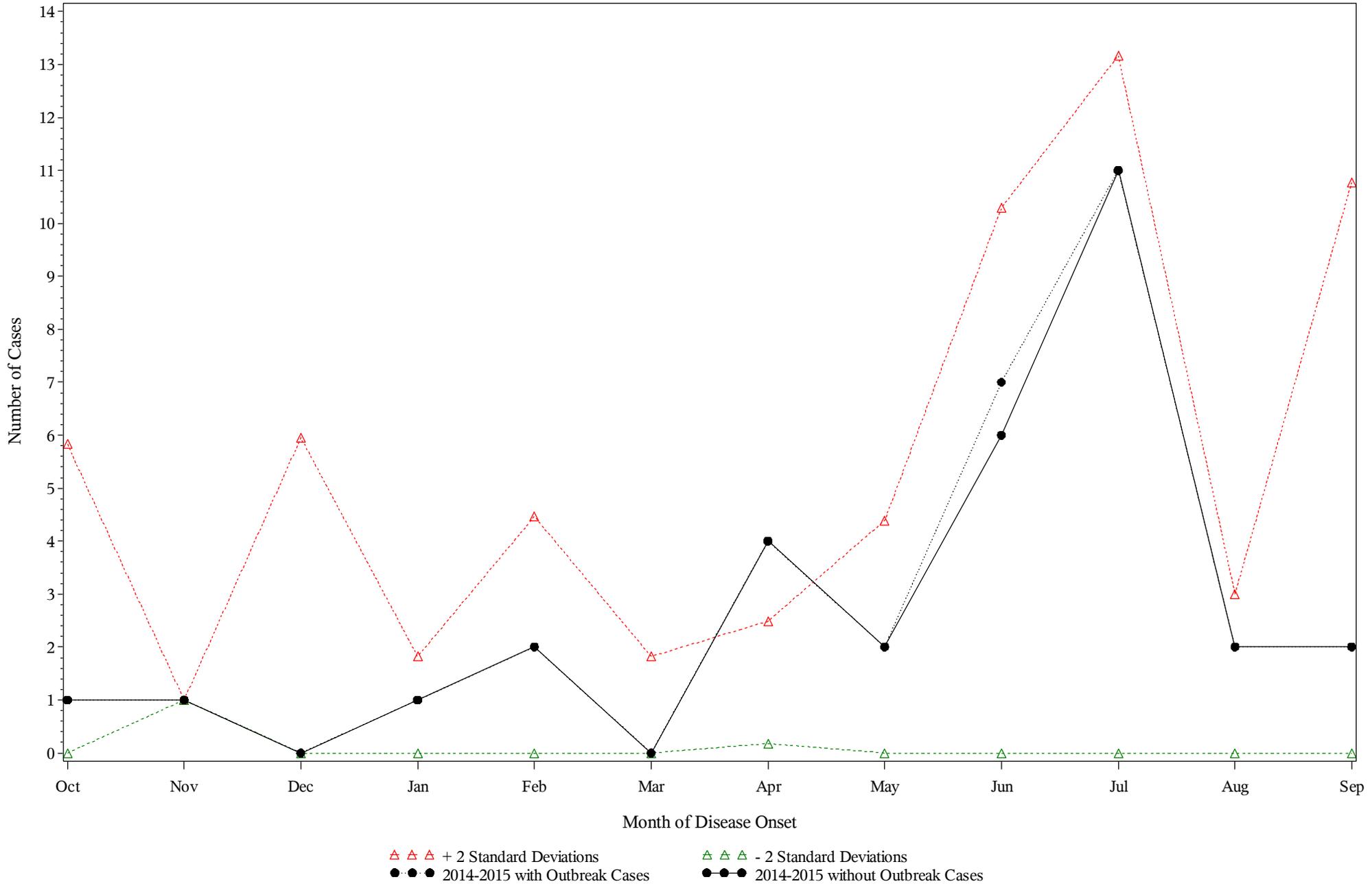
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

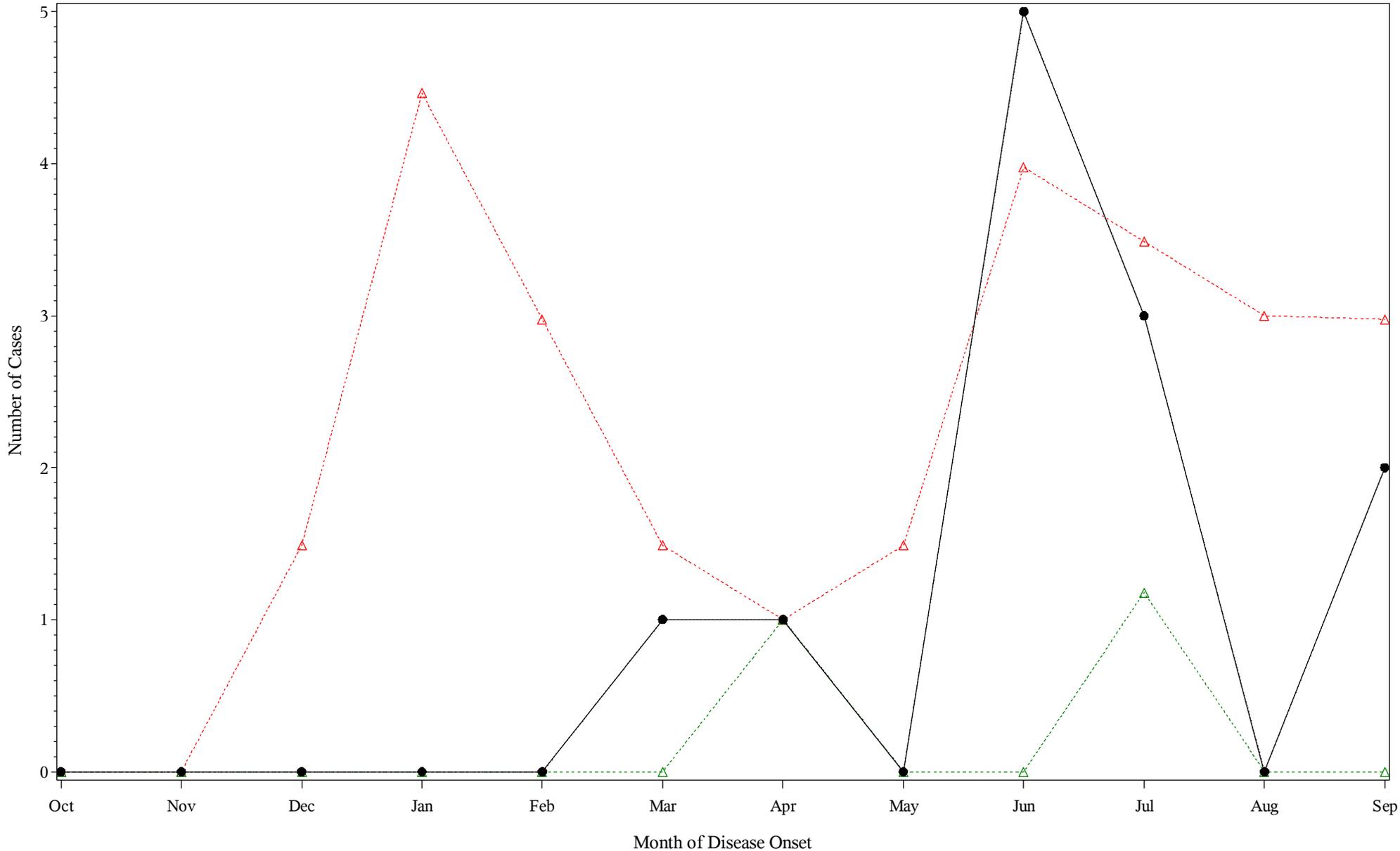
## Southwest Legionellosis



Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southwest Lyme Disease



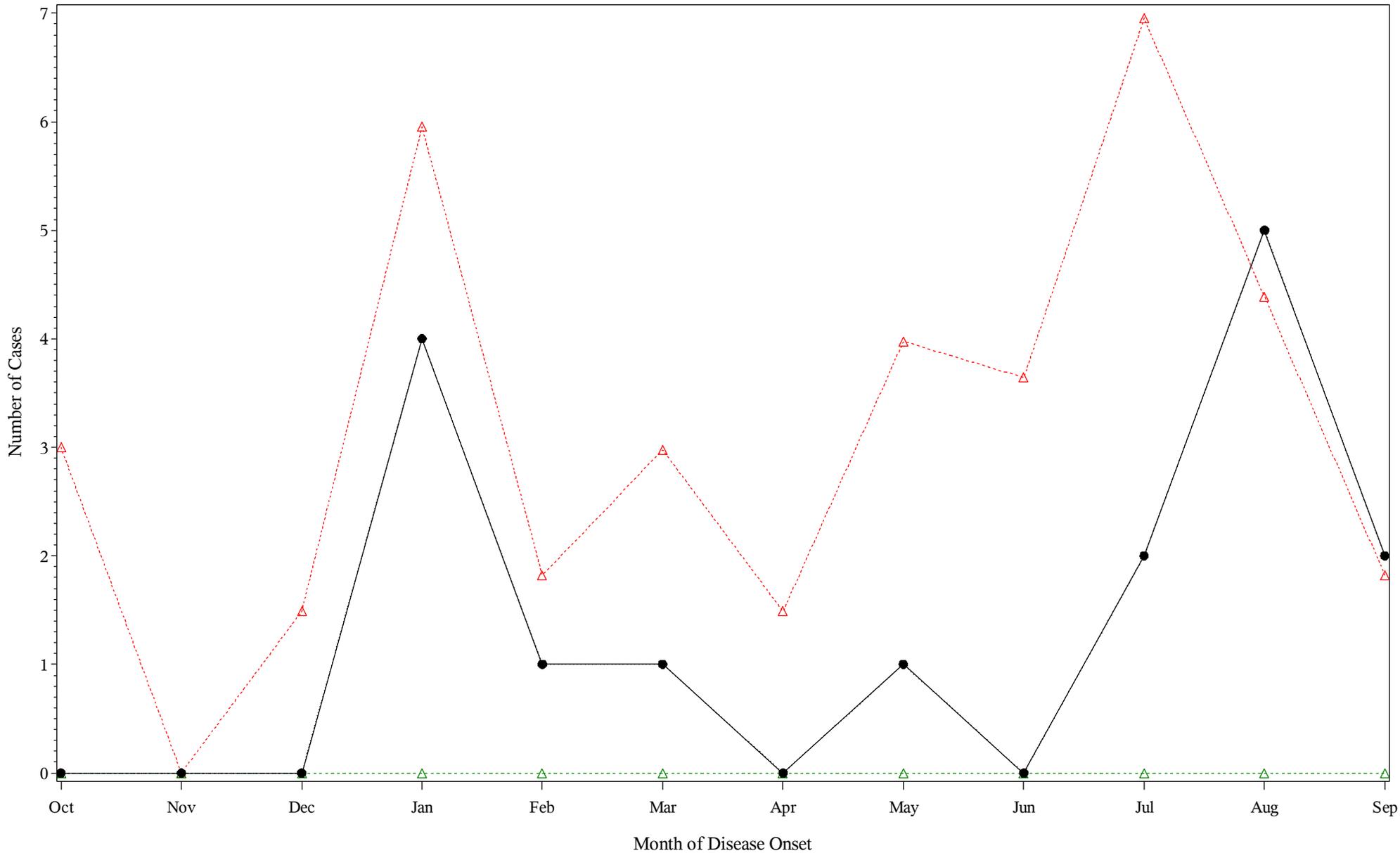
△ △ △ + 2 Standard Deviations     
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southwest Bacterial Meningitis



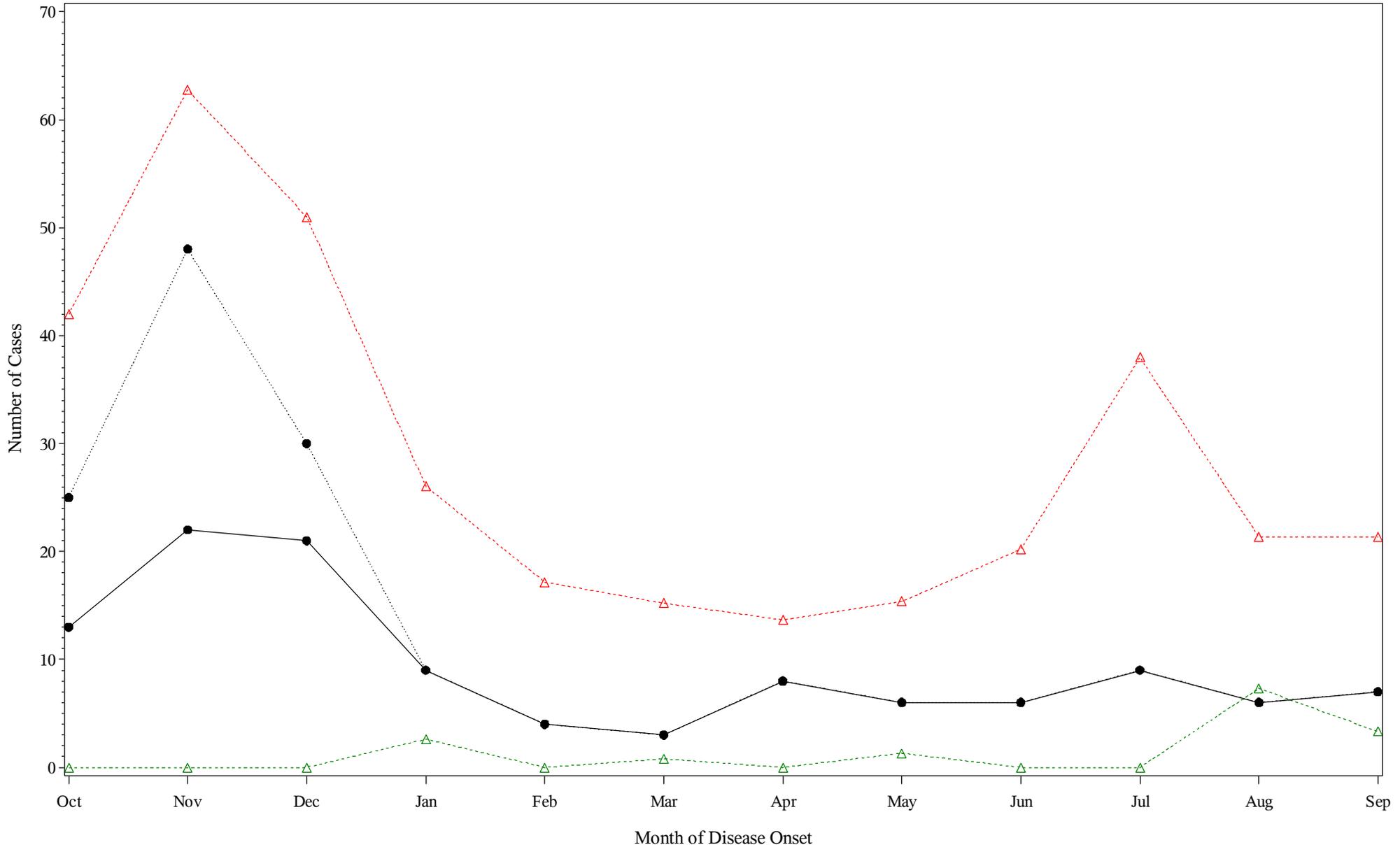
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southwest Pertussis



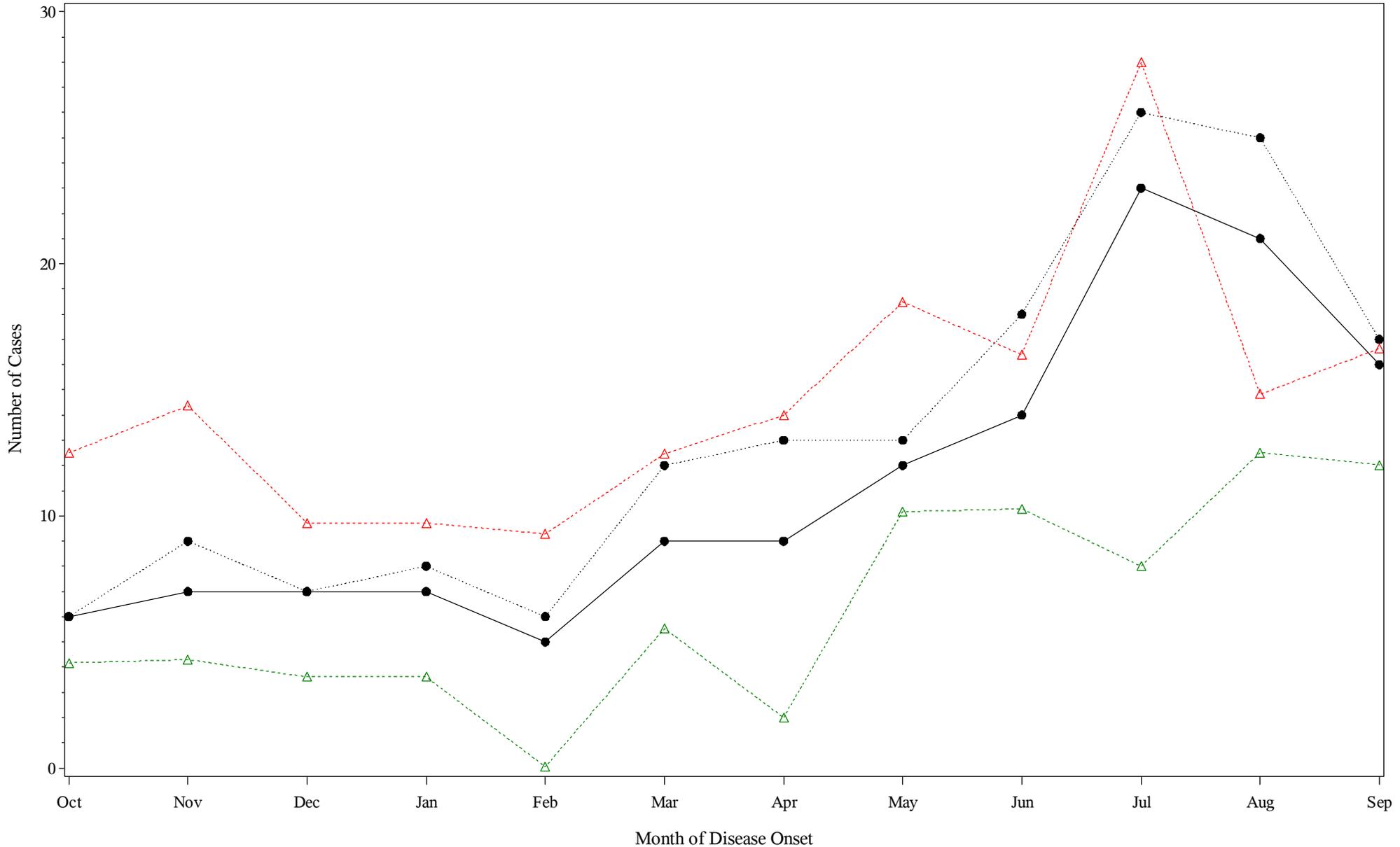
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 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

## Southwest Salmonellosis

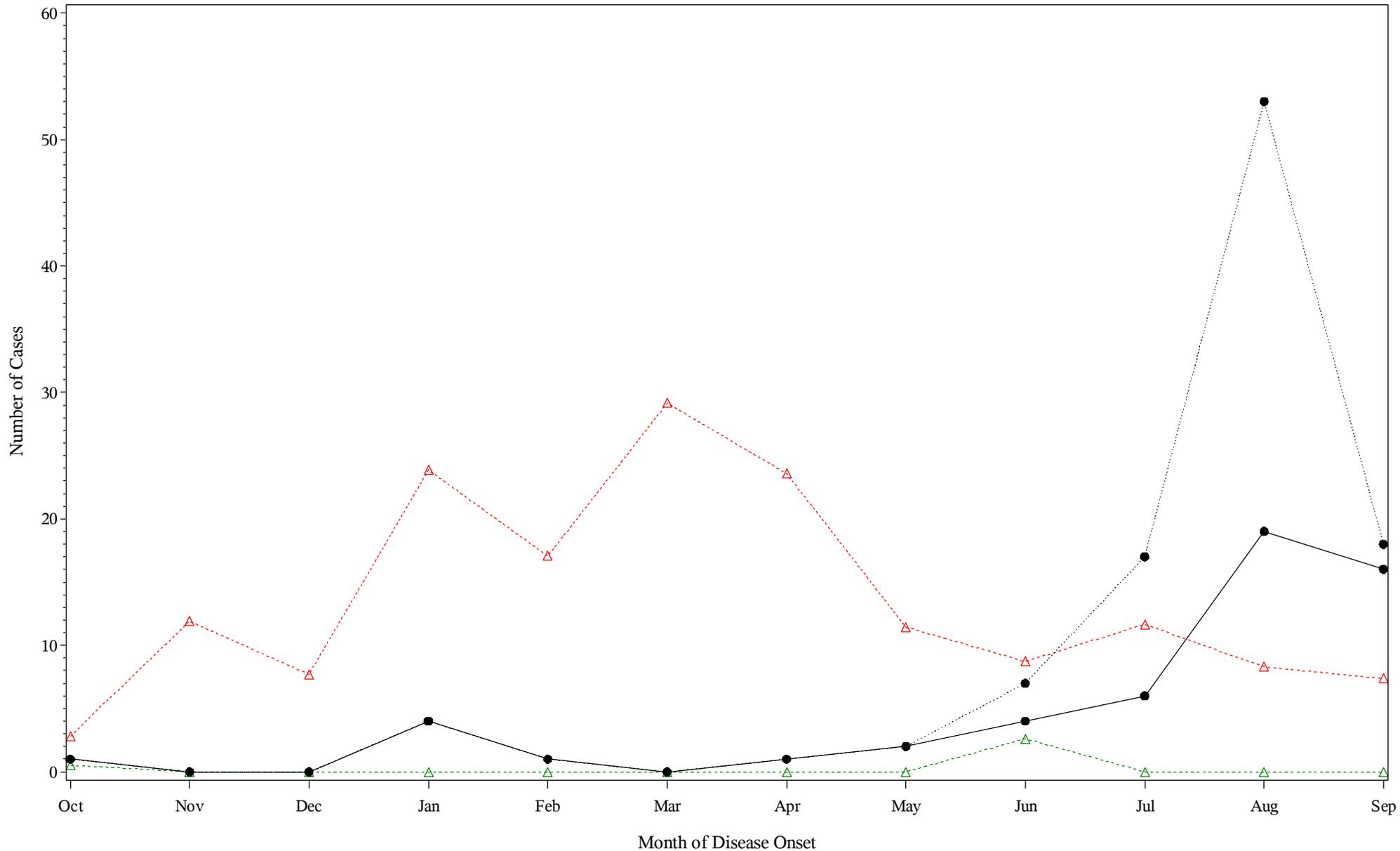


△ △ △ + 2 Standard Deviations     
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southwest Shigellosis



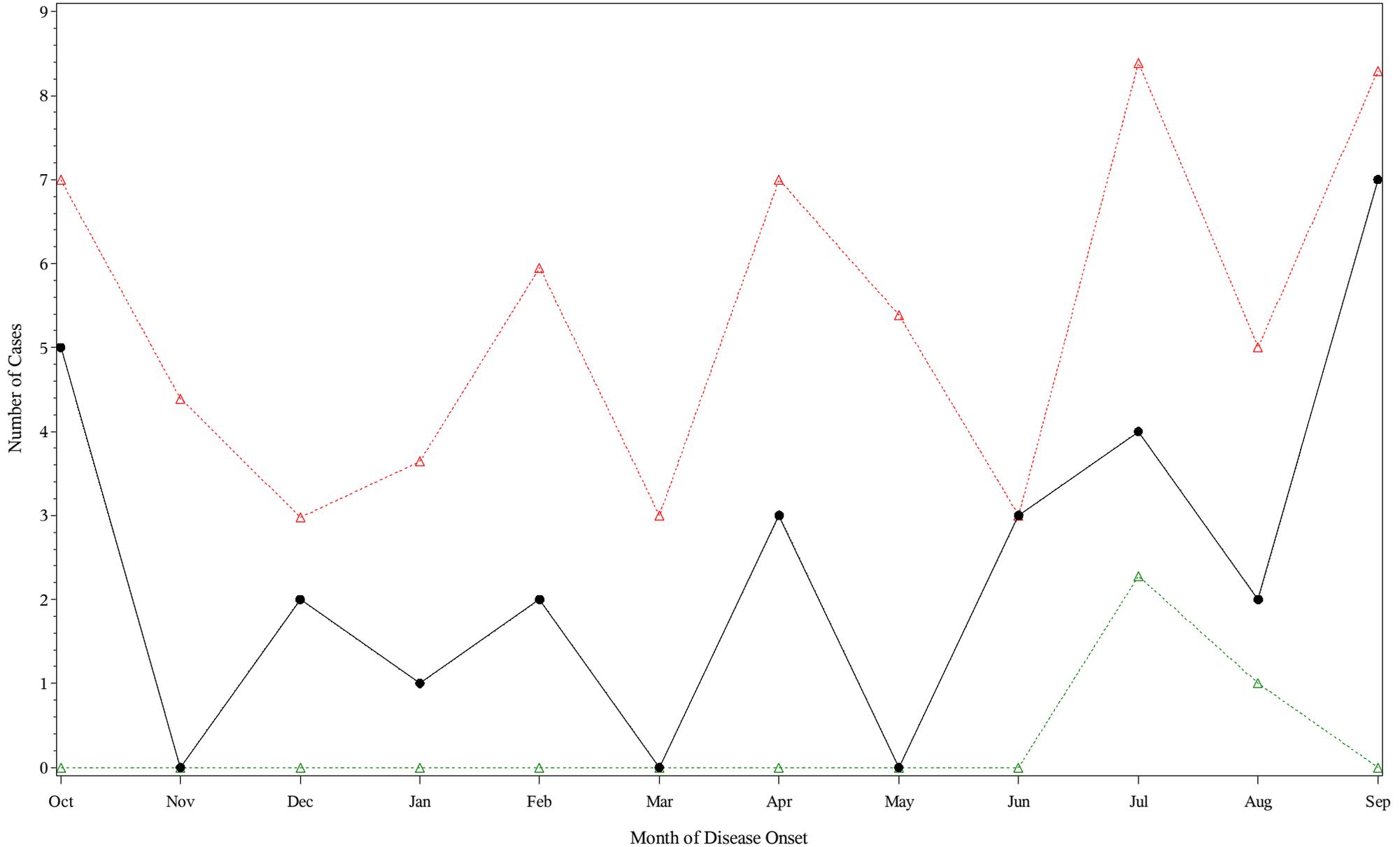
△ △ △ + 2 Standard Deviations     
 △ △ △ - 2 Standard Deviations  
● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southwest Shiga Toxin-Producing Escherichia coli



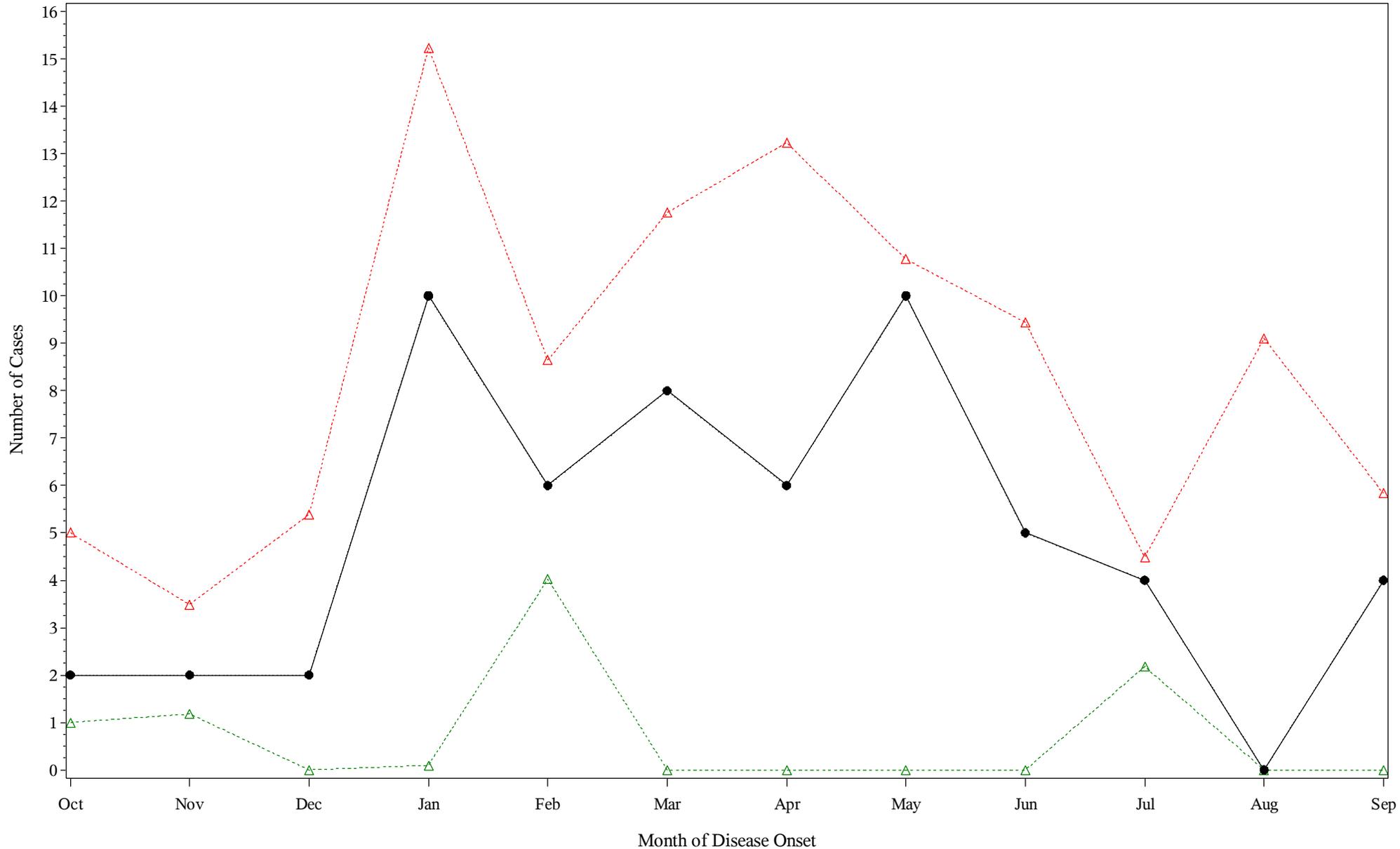
△ △ △ + 2 Standard Deviations     
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

## Southwest Streptococcal Disease, Group A, Invasive

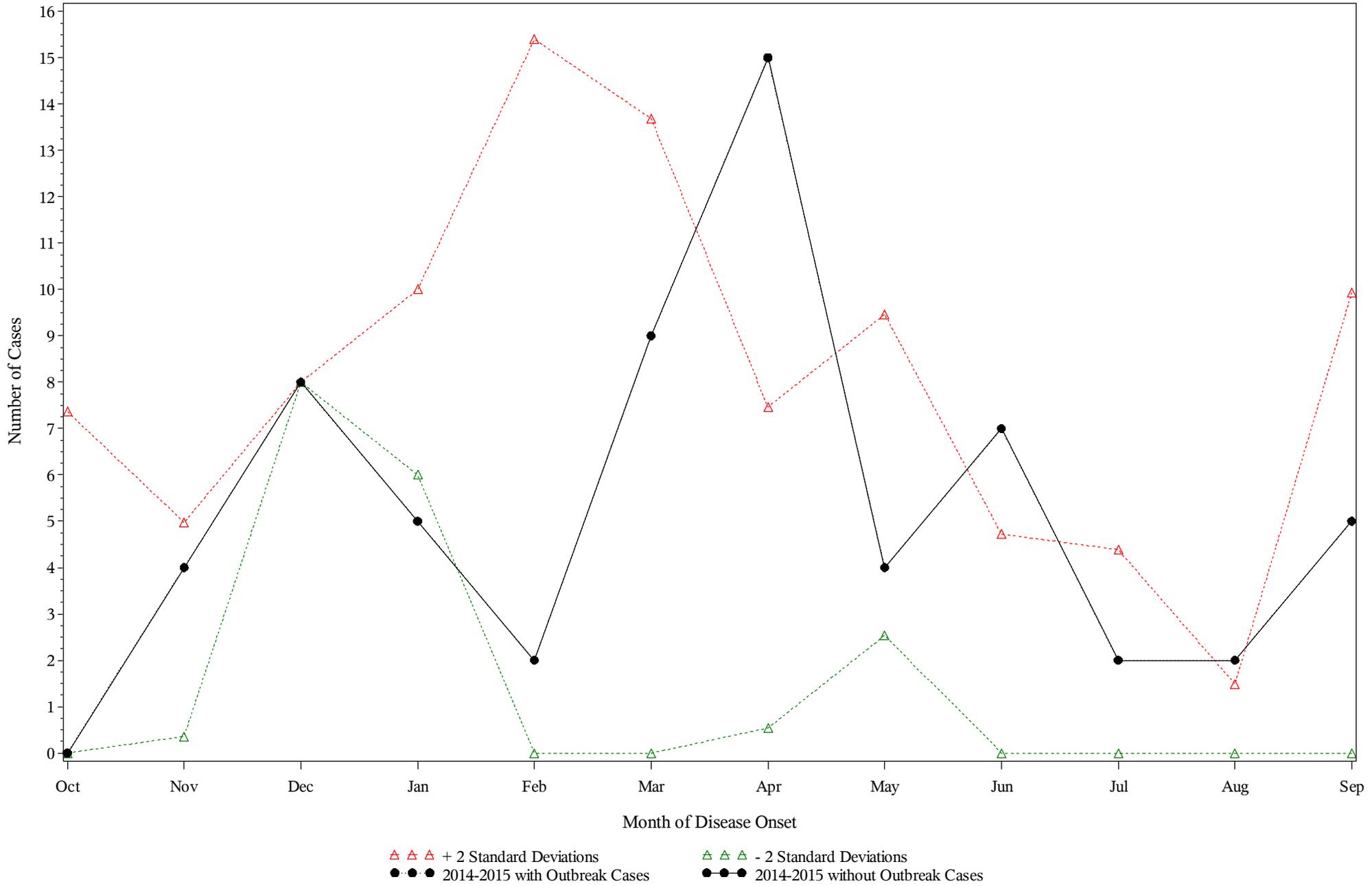


△ △ △ + 2 Standard Deviations     
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

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

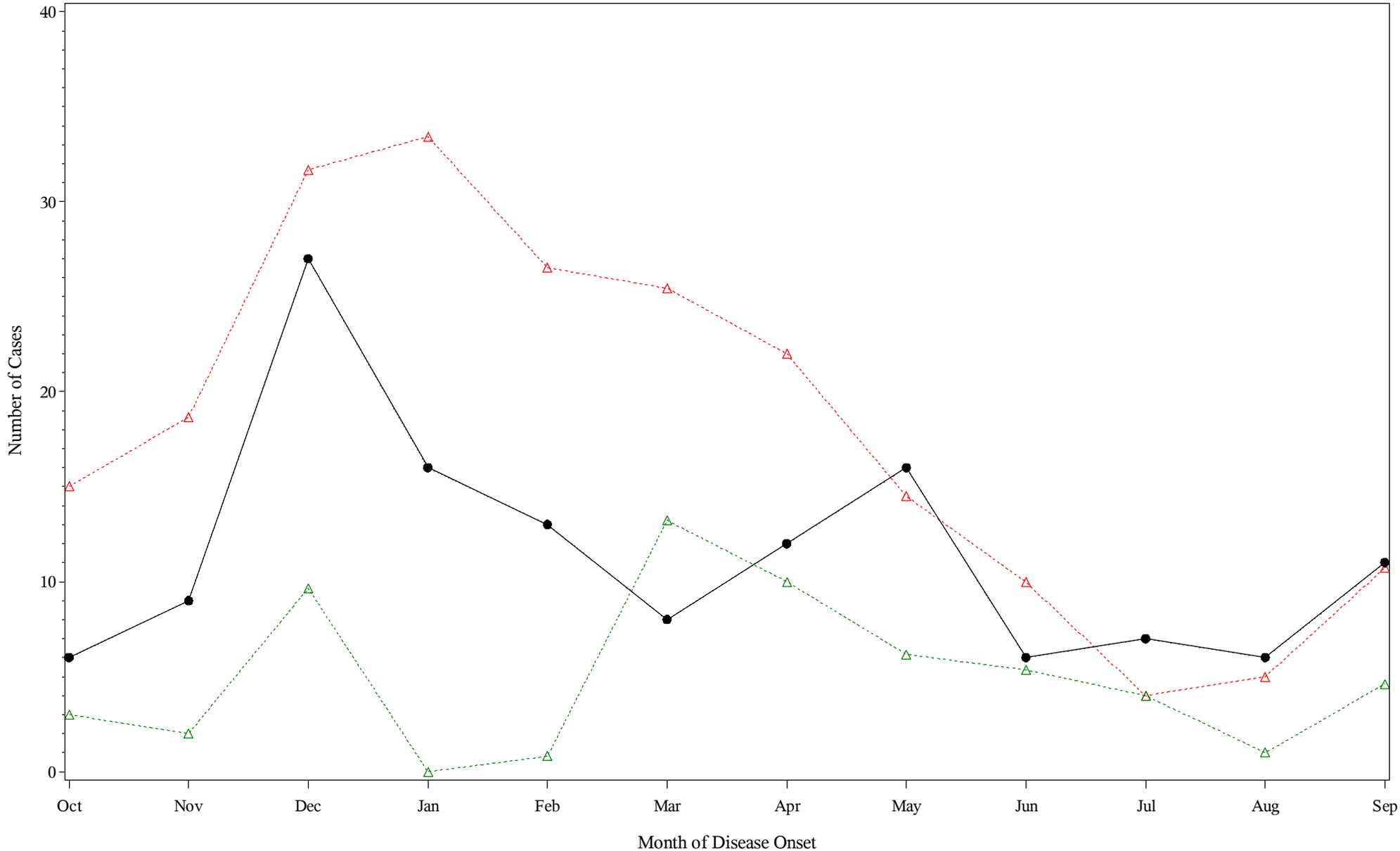


Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

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

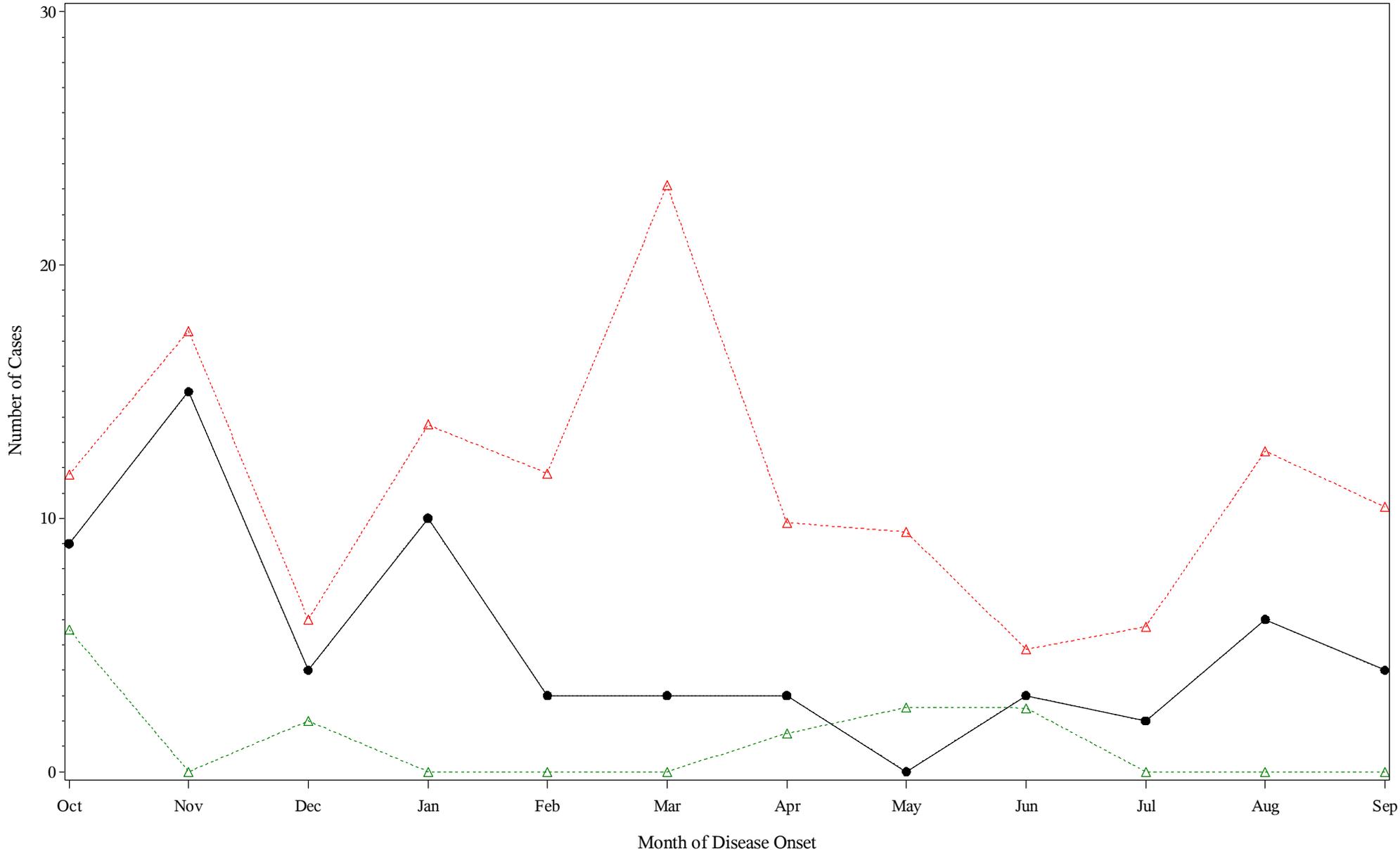


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2014-2015 with Outbreak Cases      ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

Southwest Varicella

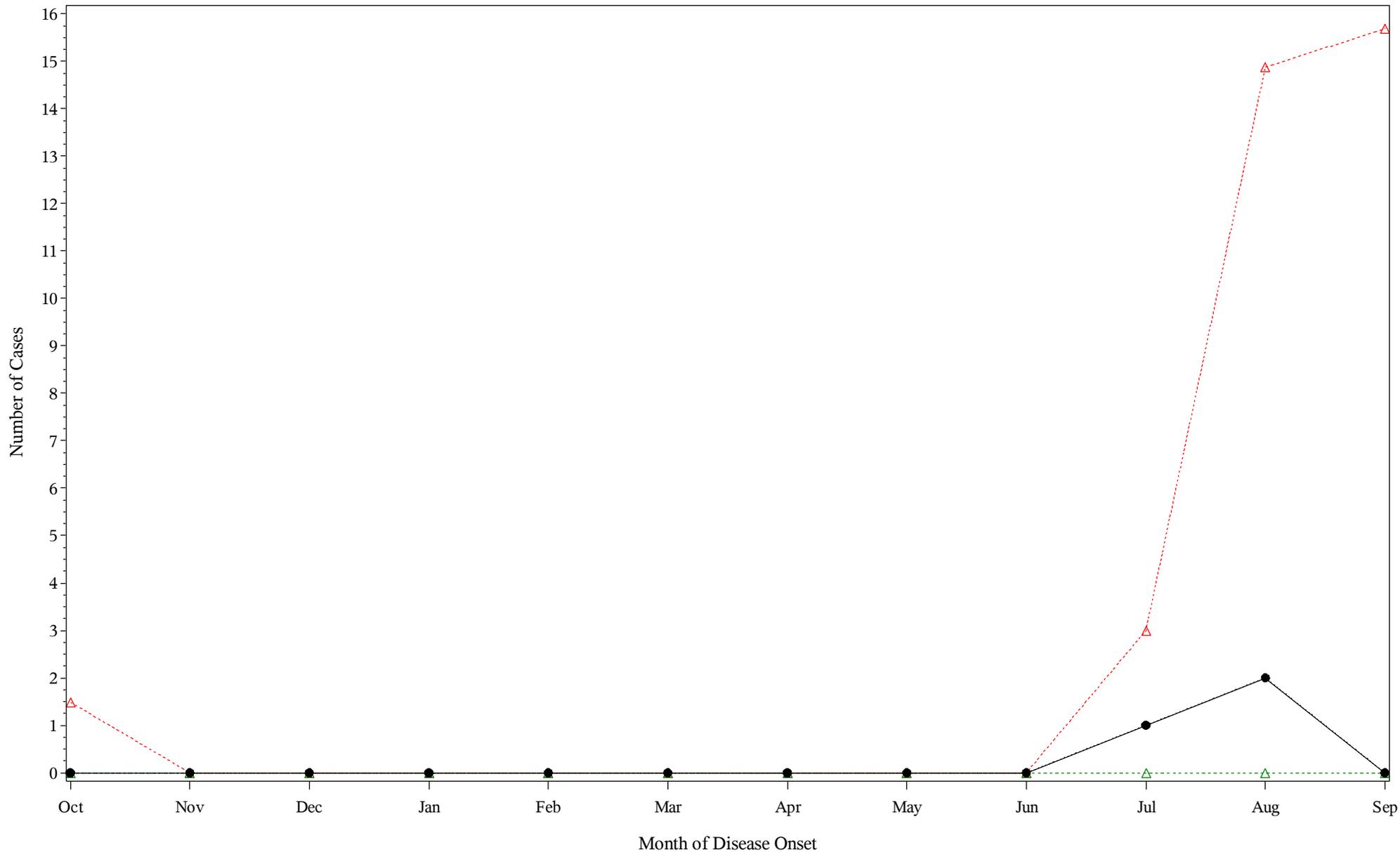


△ △ △ + 2 Standard Deviations     
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

## Southwest West Nile Virus Disease



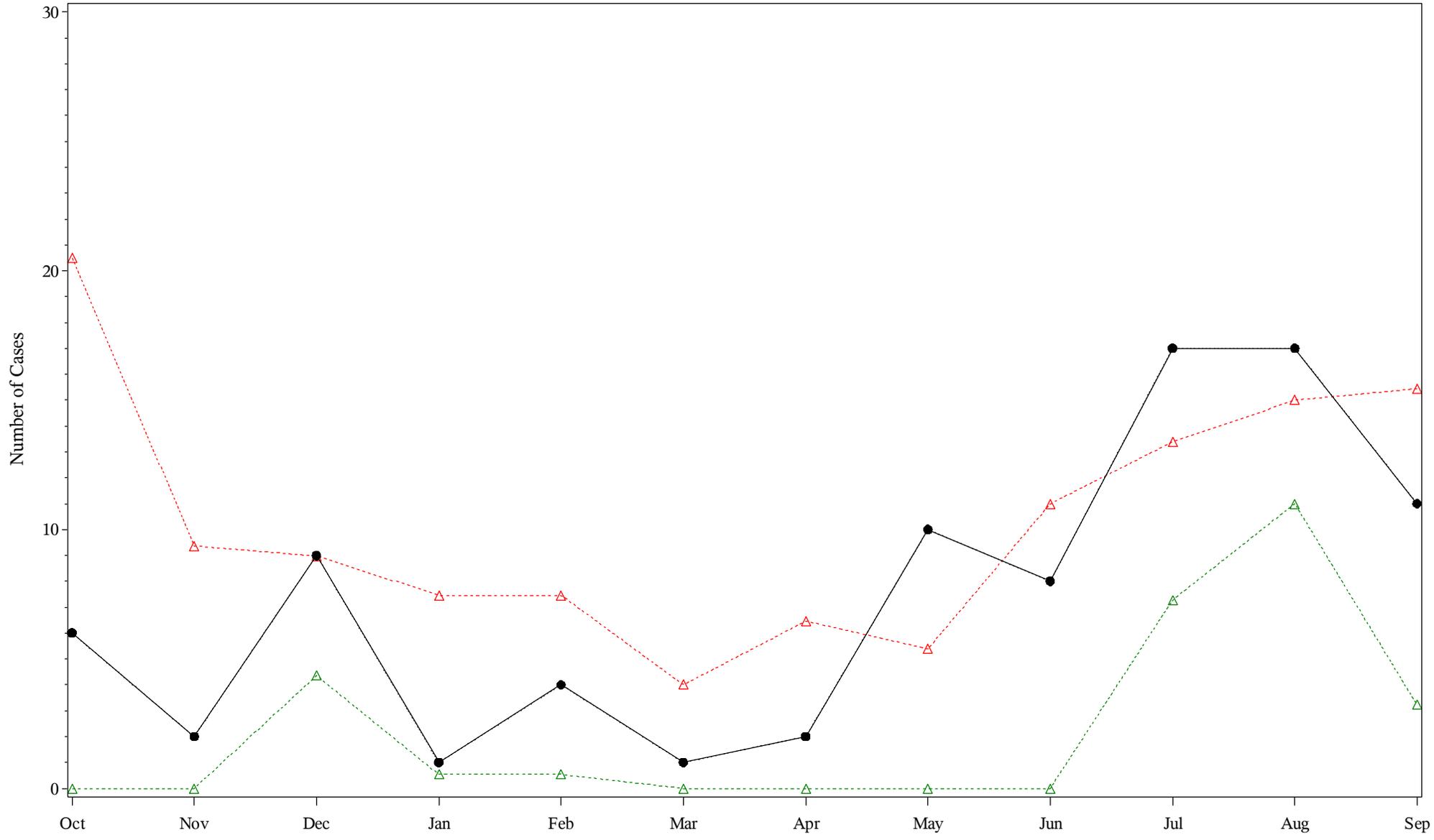
△ △ △ + 2 Standard Deviations     
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

## West Central      Aseptic Meningitis

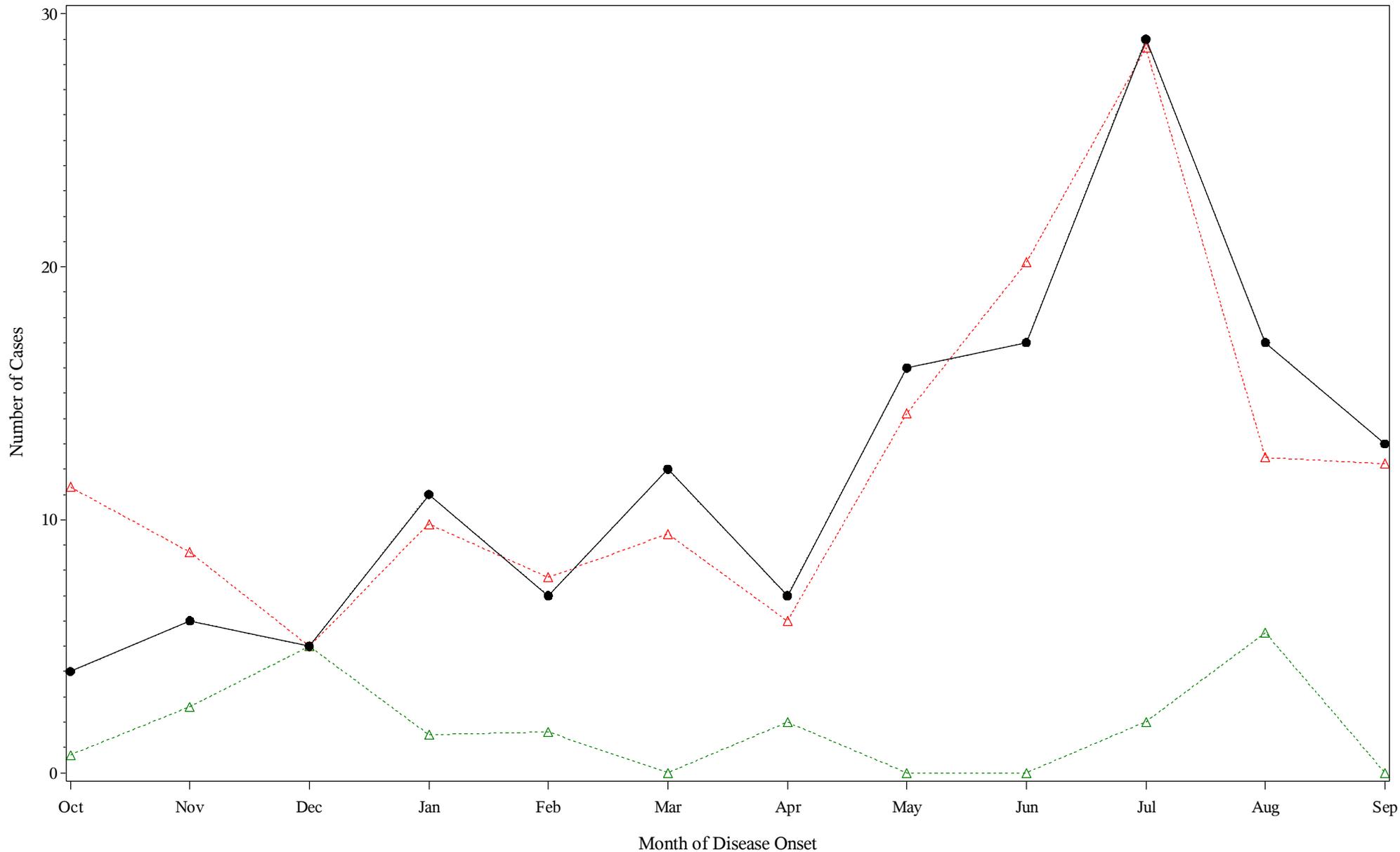


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2014-2015 with Outbreak Cases      ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

West Central      Campylobacteriosis



△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2014-2015 with Outbreak Cases      ● ● ● 2014-2015 without Outbreak Cases

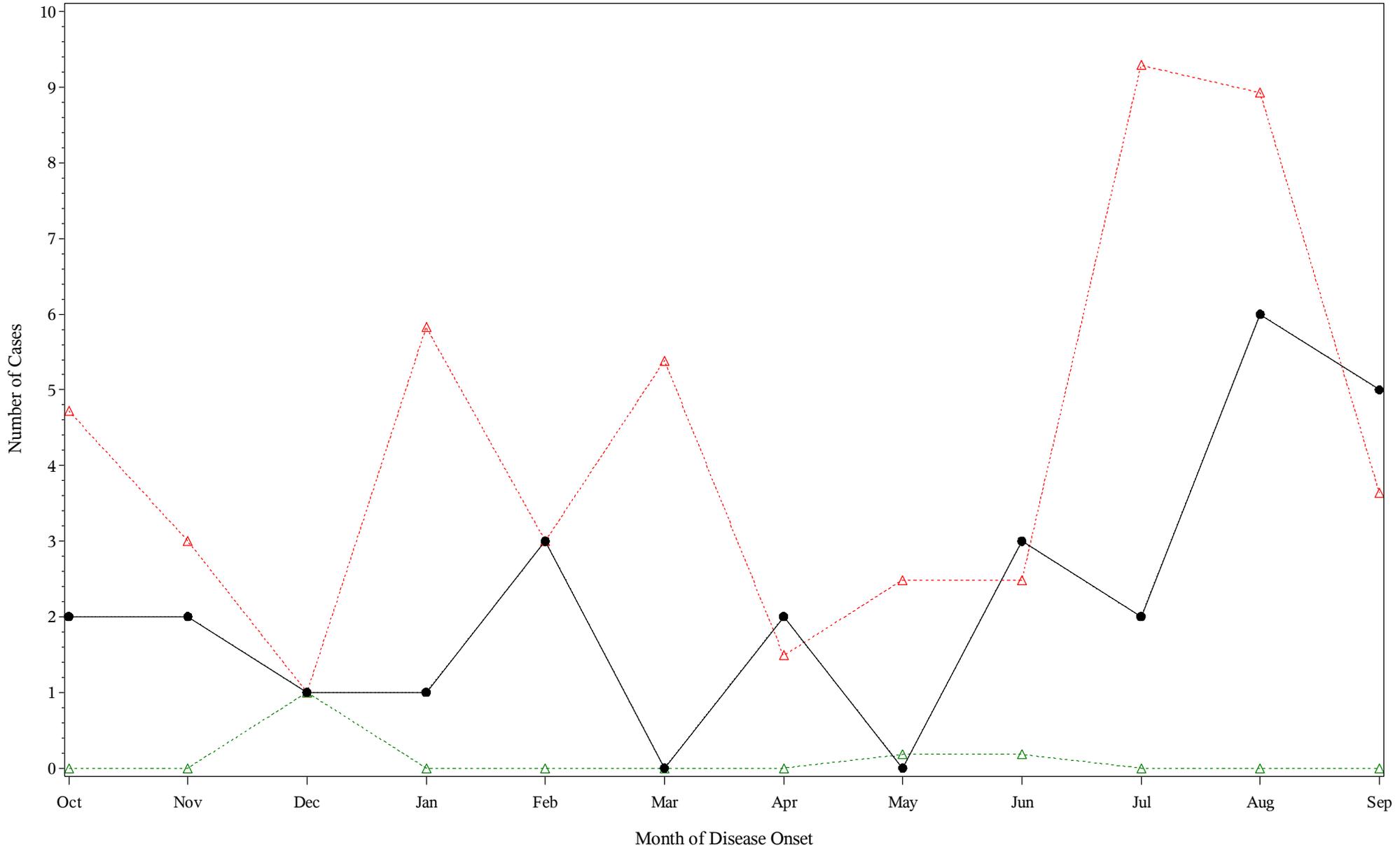
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

West Central Cryptosporidiosis



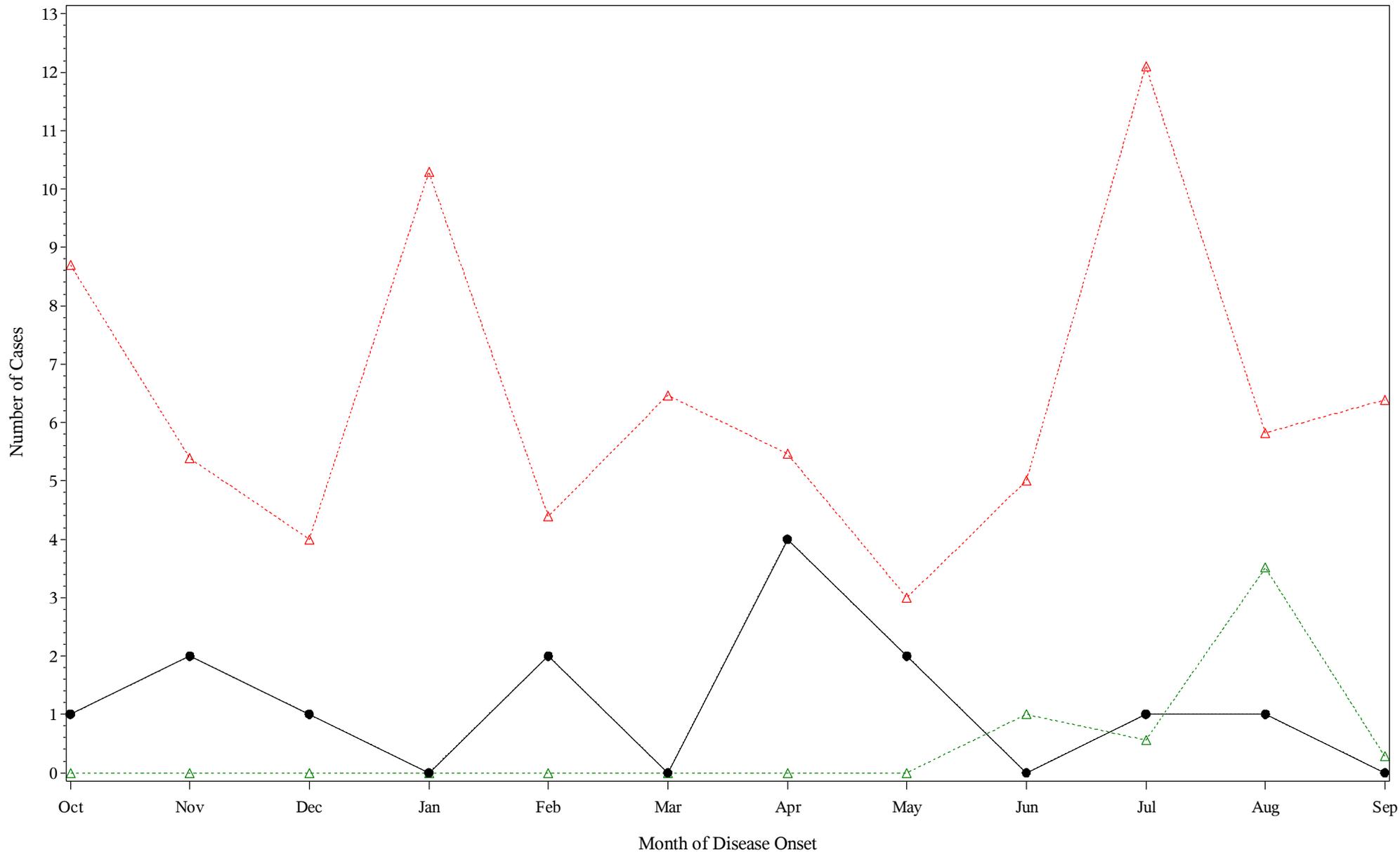
△ △ △ + 2 Standard Deviations     
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

West Central      Giardiasis



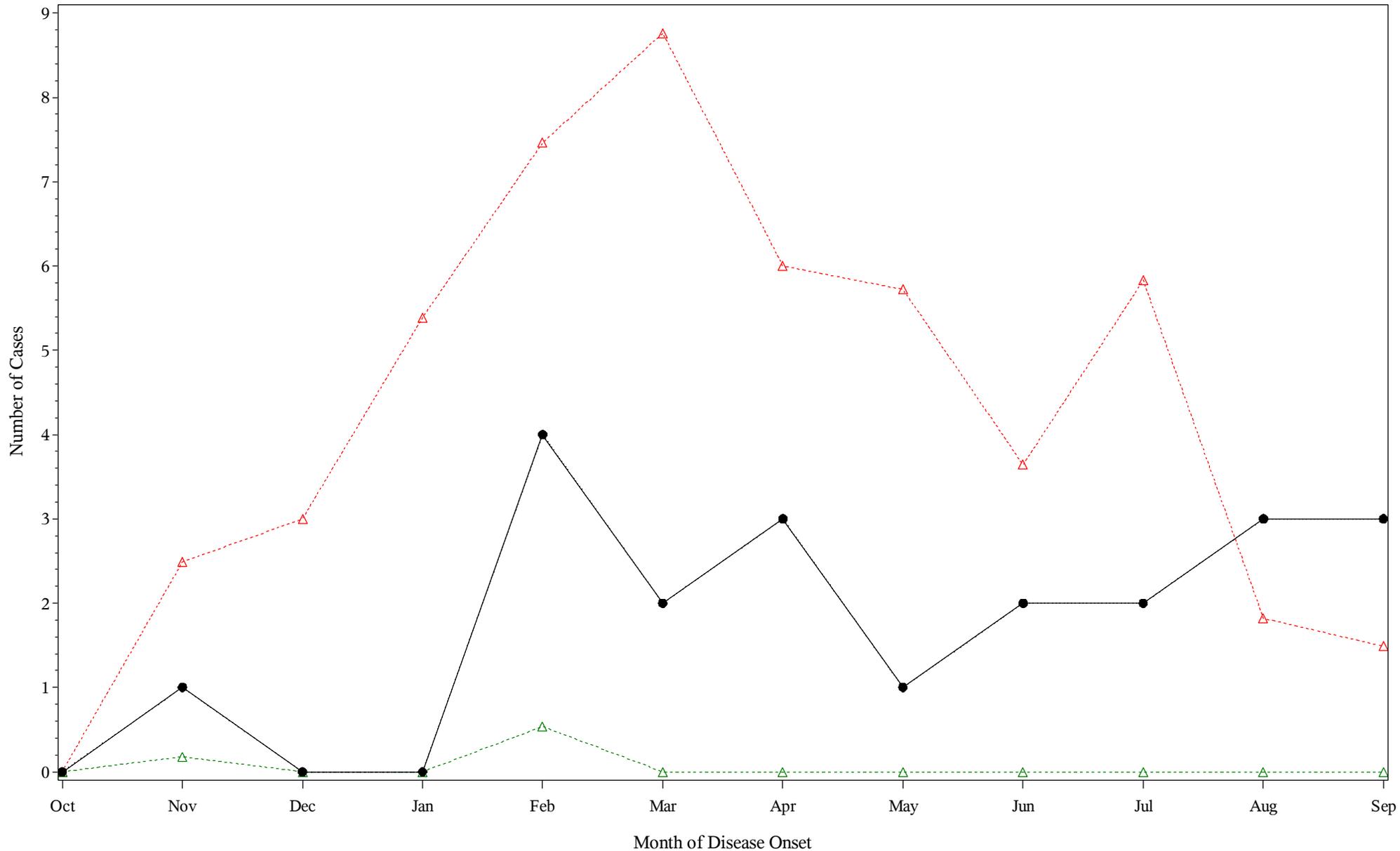
△ △ △ + 2 Standard Deviations     
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

West Central Haemophilus influenzae, Invasive



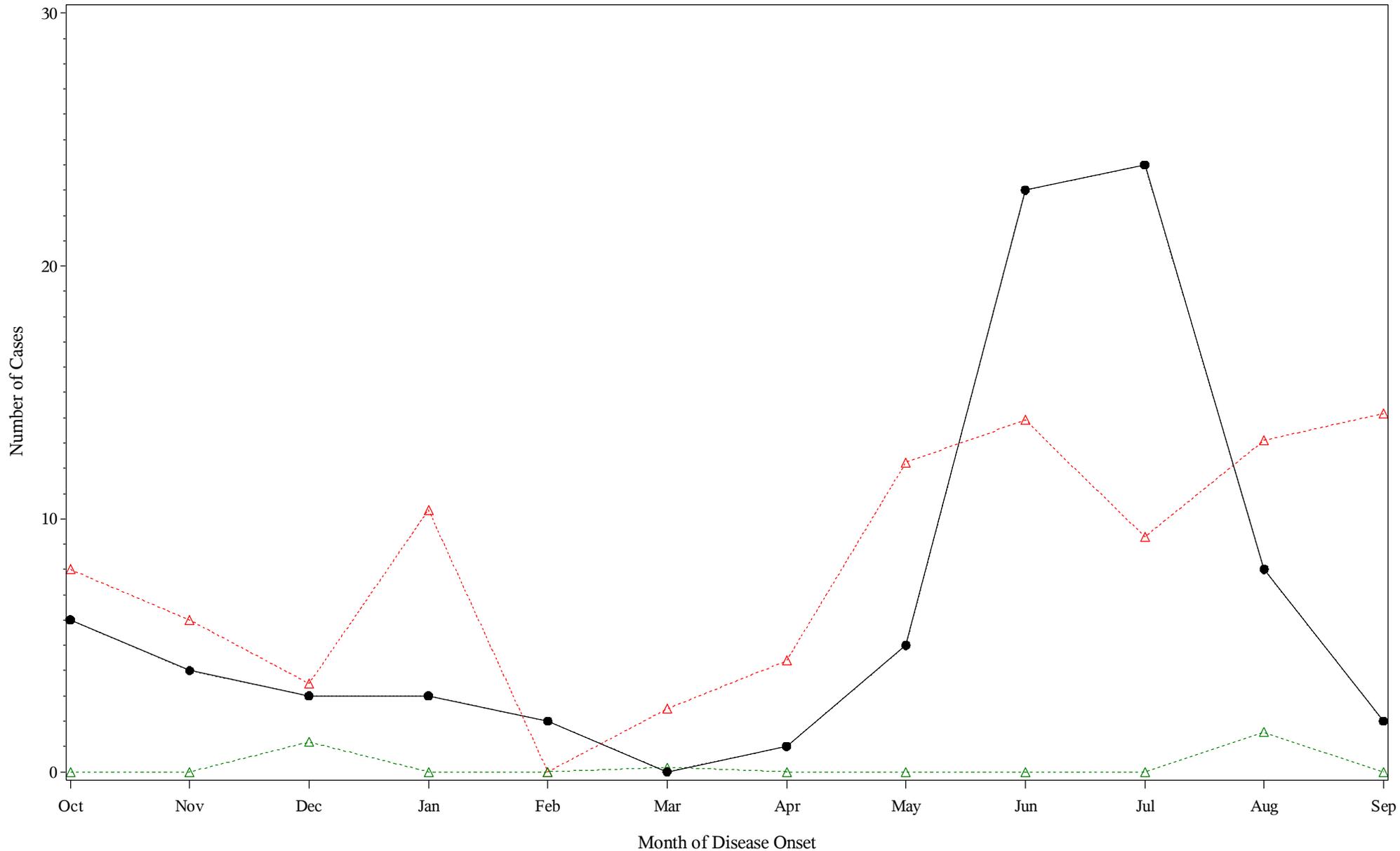
△ △ △ + 2 Standard Deviations     
 △ △ △ - 2 Standard Deviations  
● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

West Central Legionellosis

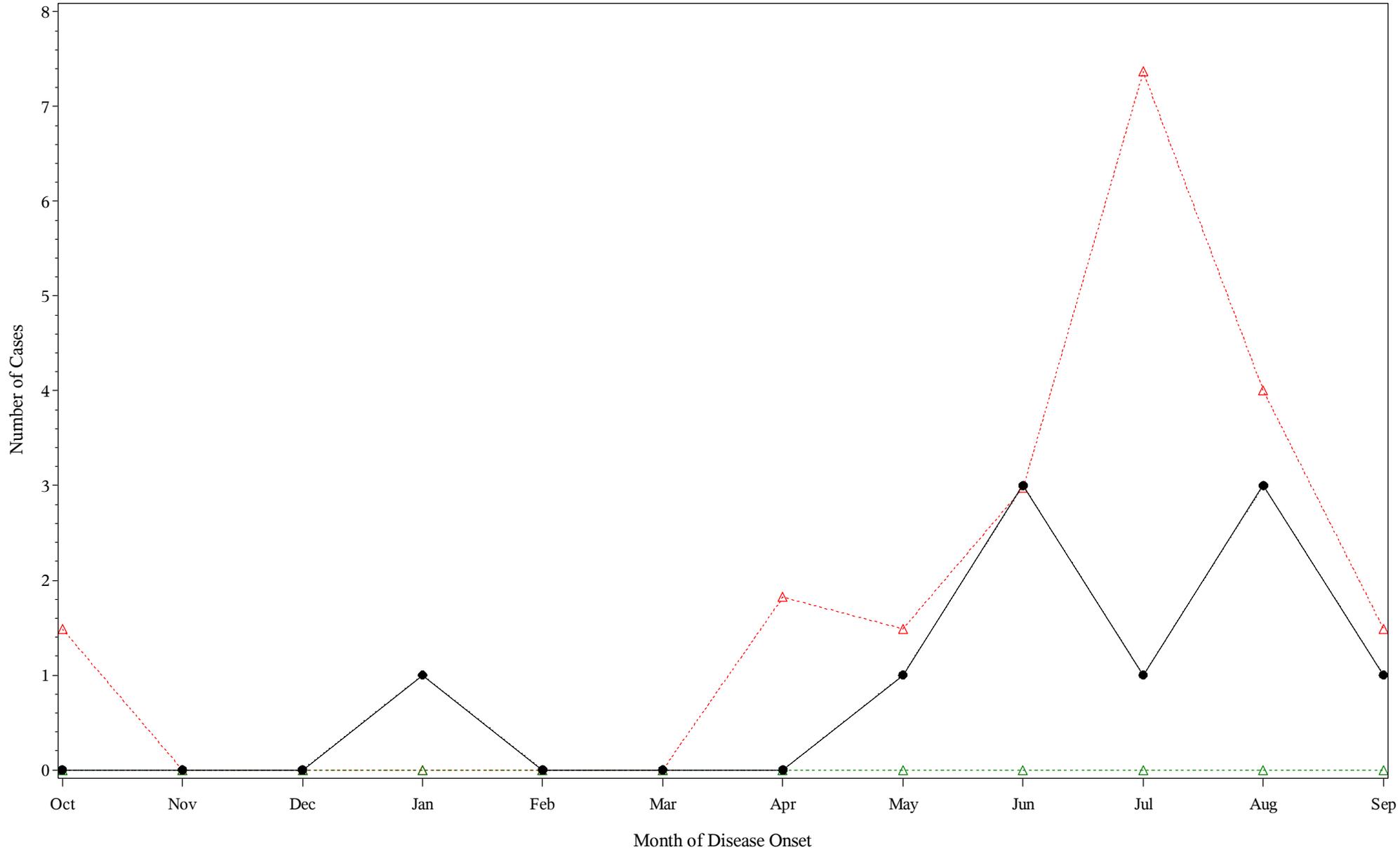


△ △ △ + 2 Standard Deviations     
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

West Central Lyme Disease

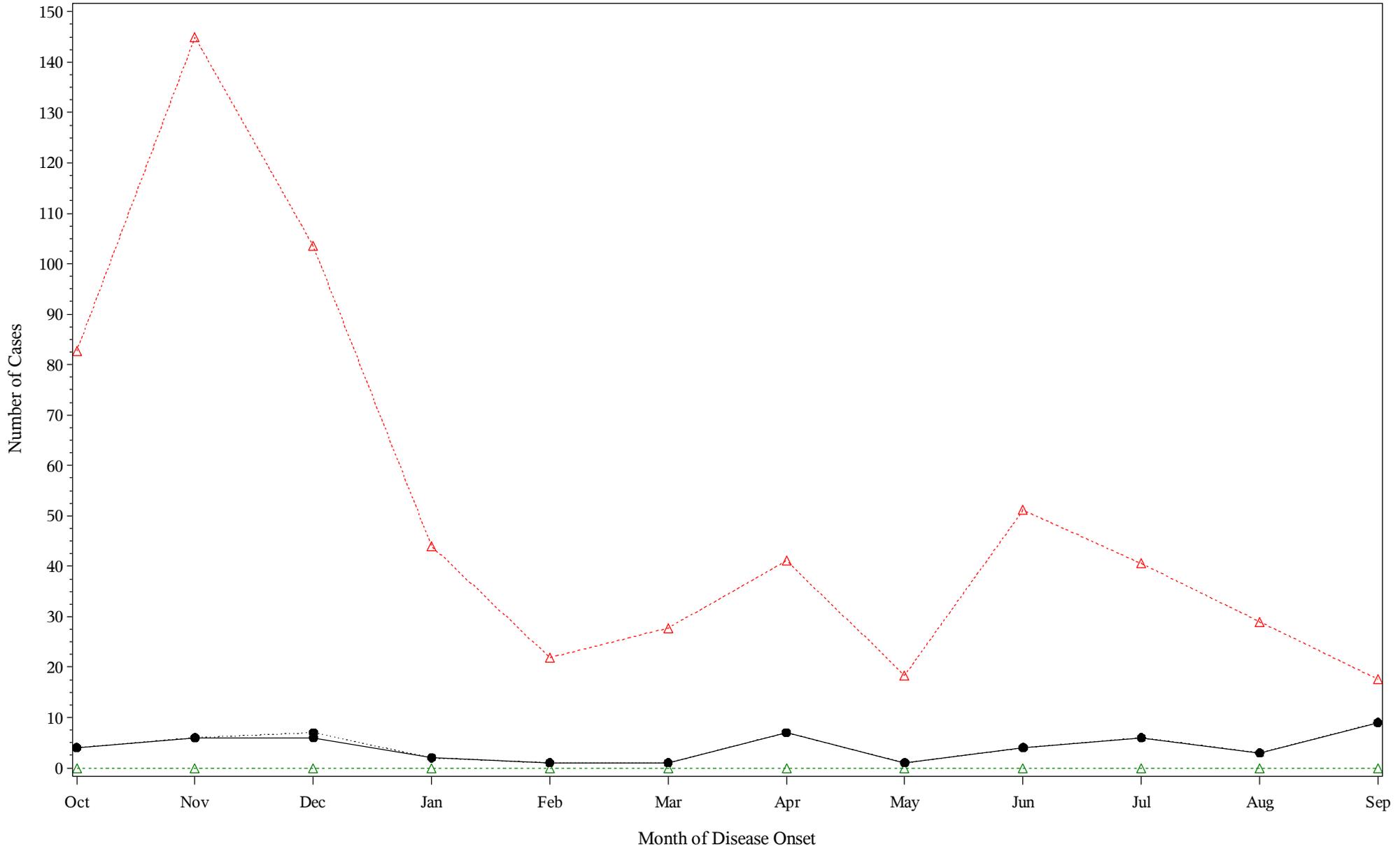


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
● ● ● 2014-2015 with Outbreak Cases      ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
Current as of 10/25/2015  
Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

West Central Pertussis



△ △ △ + 2 Standard Deviations

△ △ △ - 2 Standard Deviations

● ● ● 2014-2015 with Outbreak Cases

● ● ● 2014-2015 without Outbreak Cases

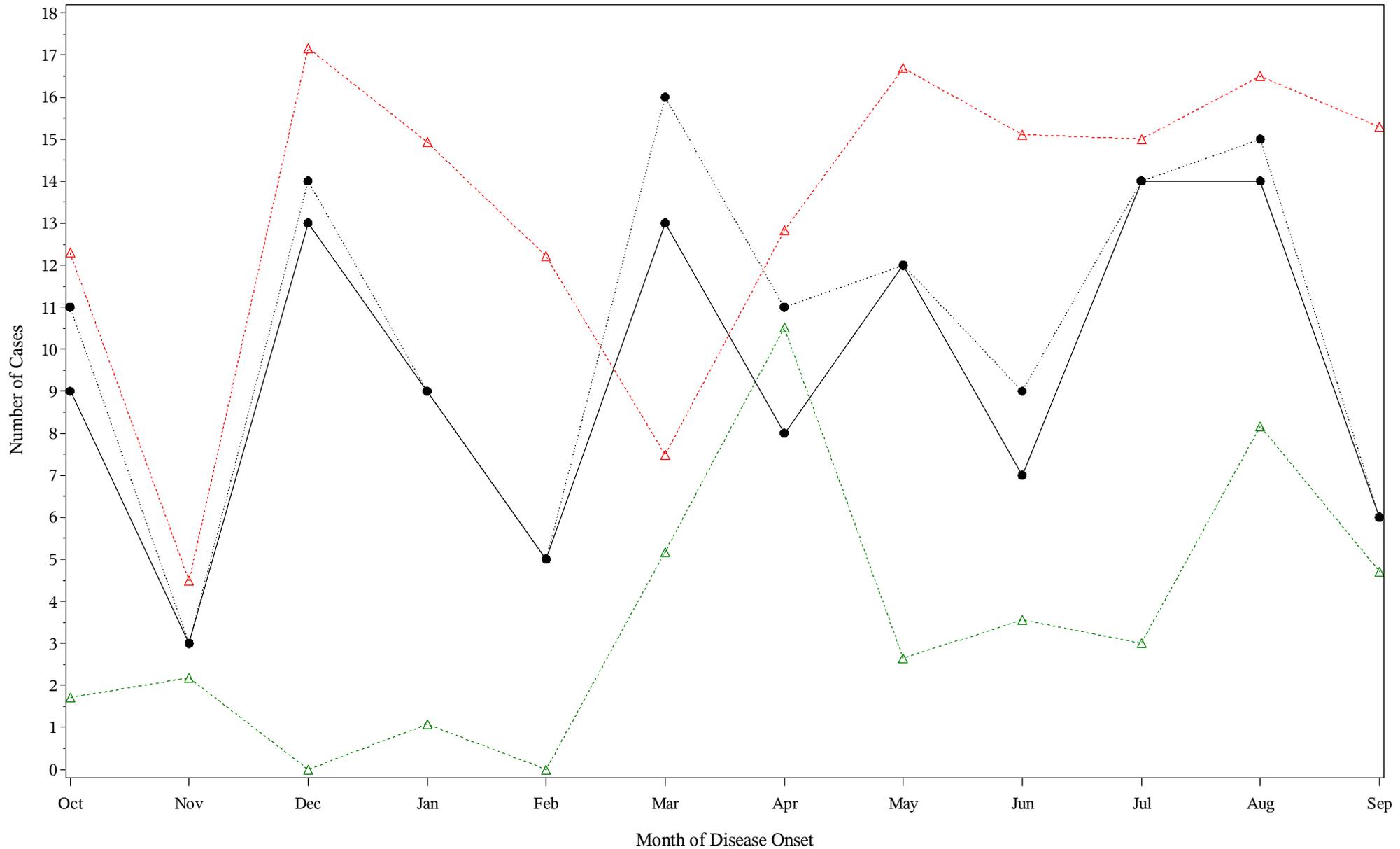
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

West Central Salmonellosis



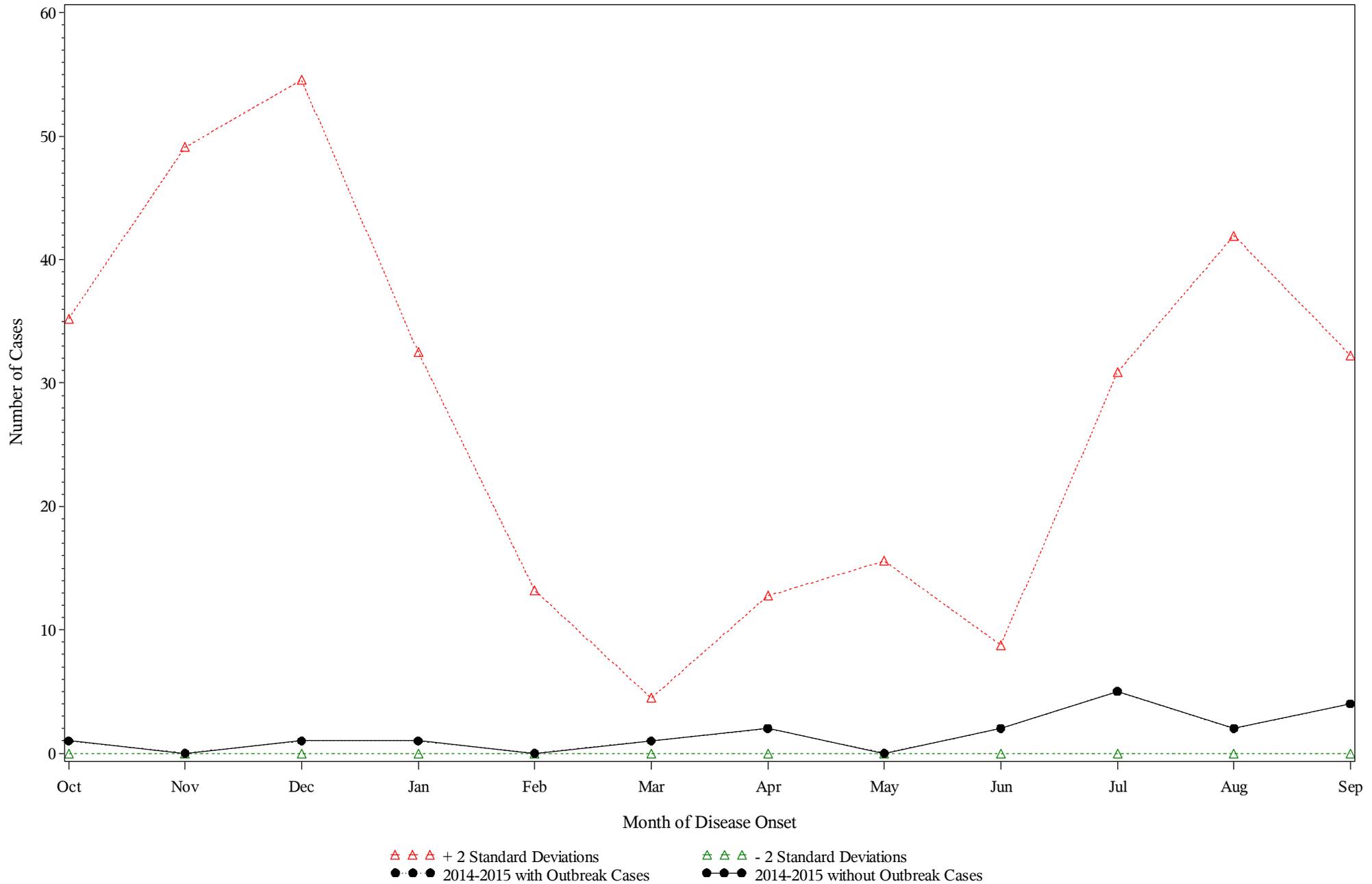
△ △ △ + 2 Standard Deviations     
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● ● ● 2014-2015 with Outbreak Cases     
 ● ● ● 2014-2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

## West Central      Shigellosis

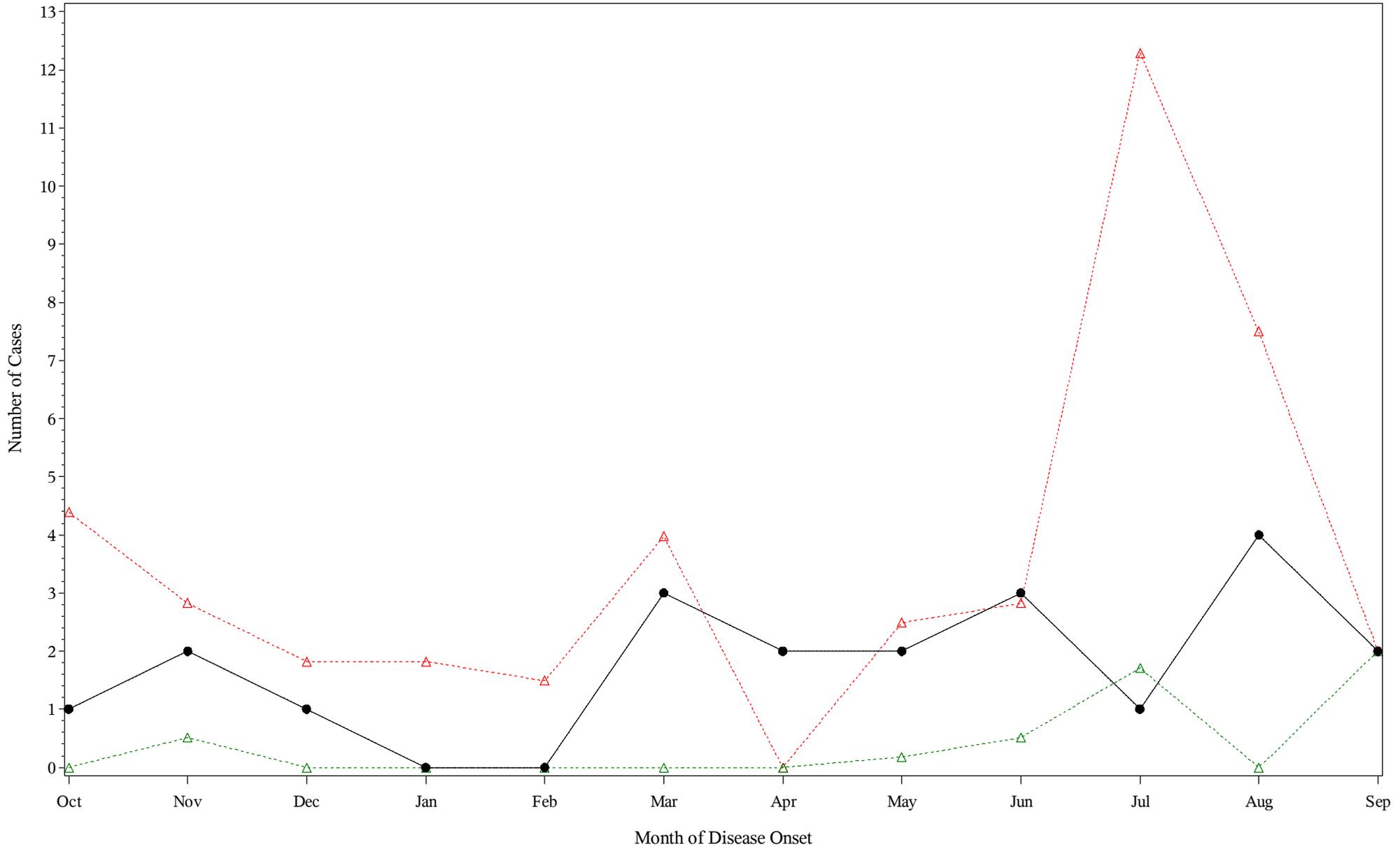


Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

West Central Shiga Toxin-Producing Escherichia coli



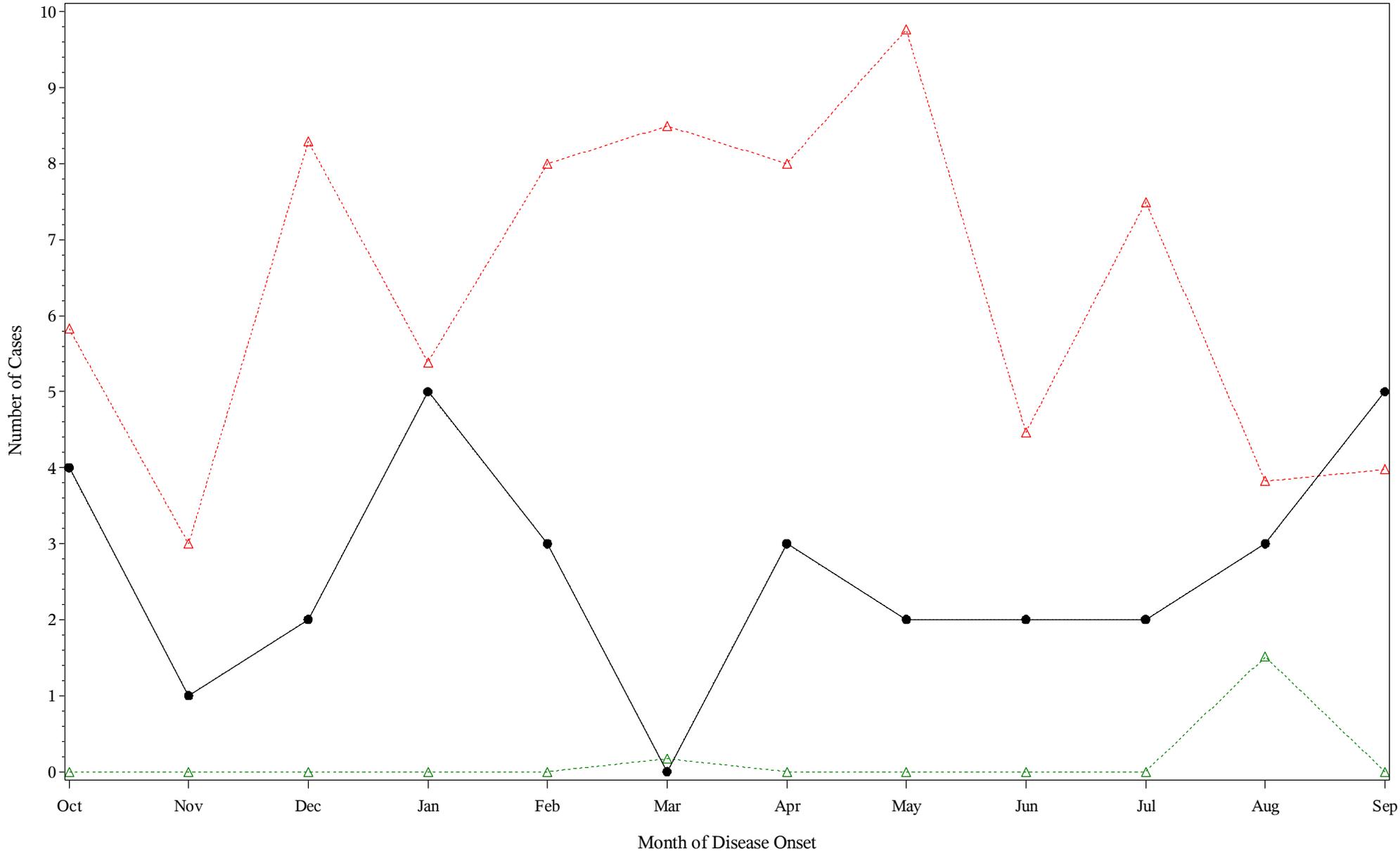
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

## West Central      Streptococcal Disease, Group A, Invasive

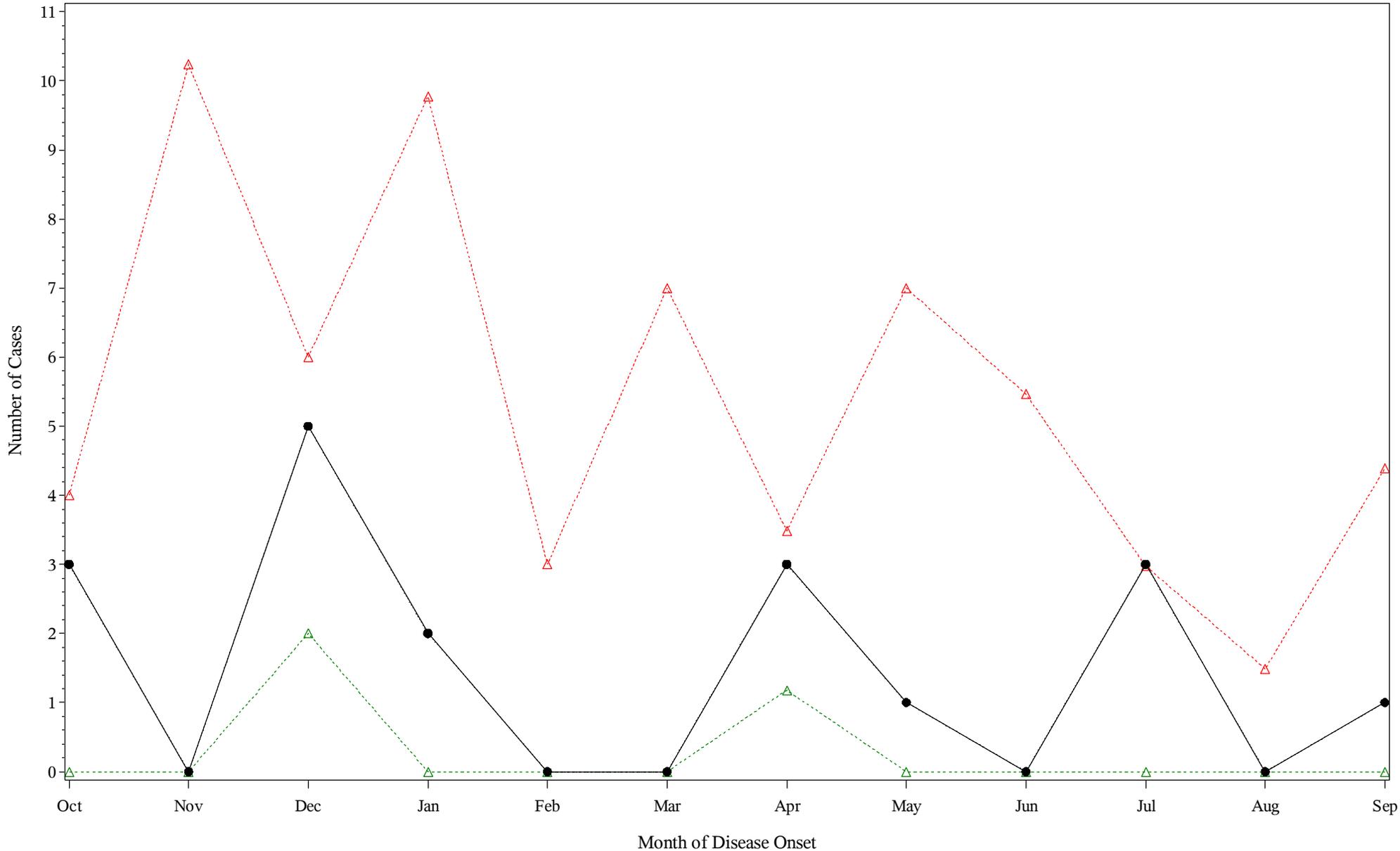


△ △ △ + 2 Standard Deviations      △ △ △ - 2 Standard Deviations  
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

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

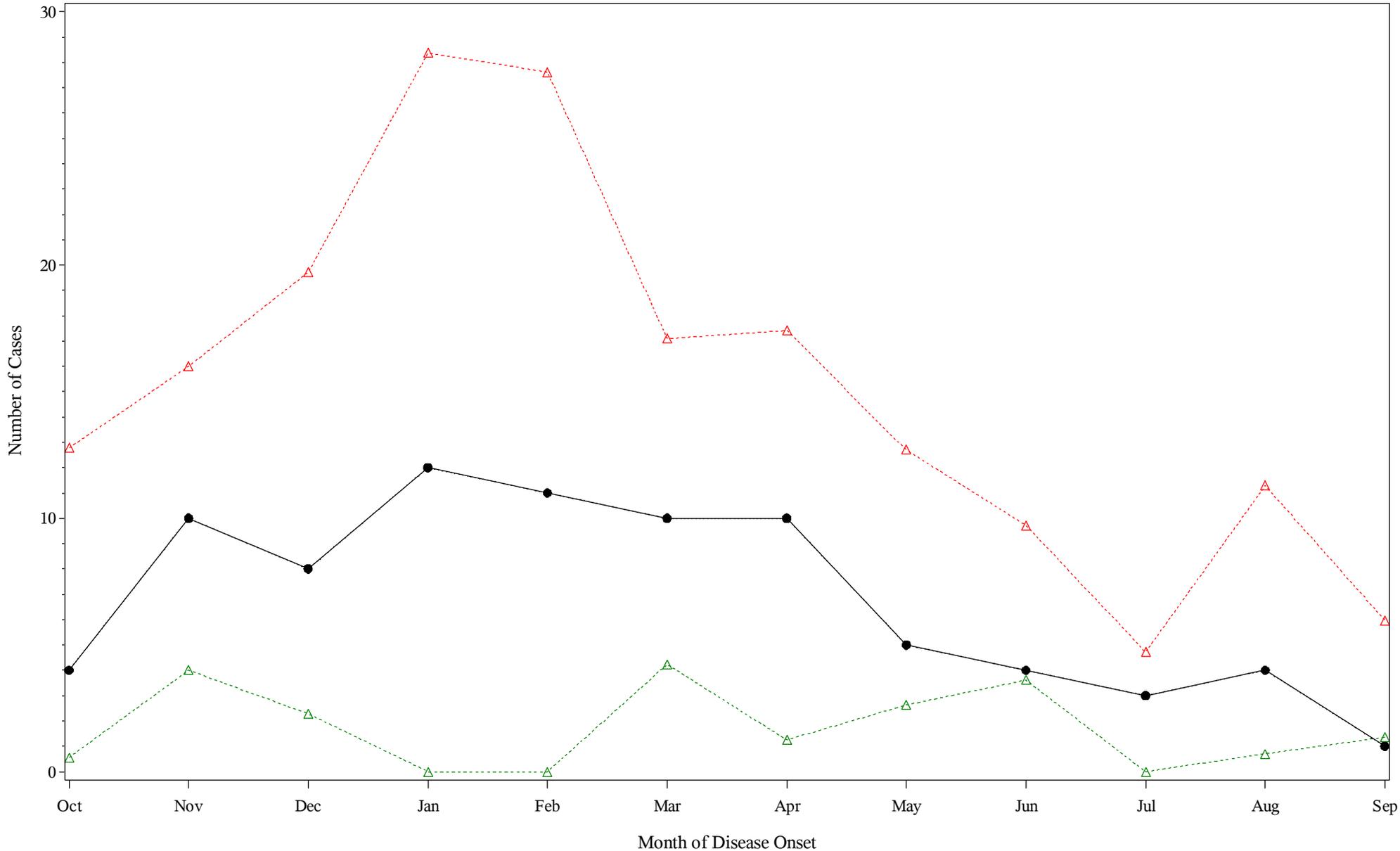


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015  
 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

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

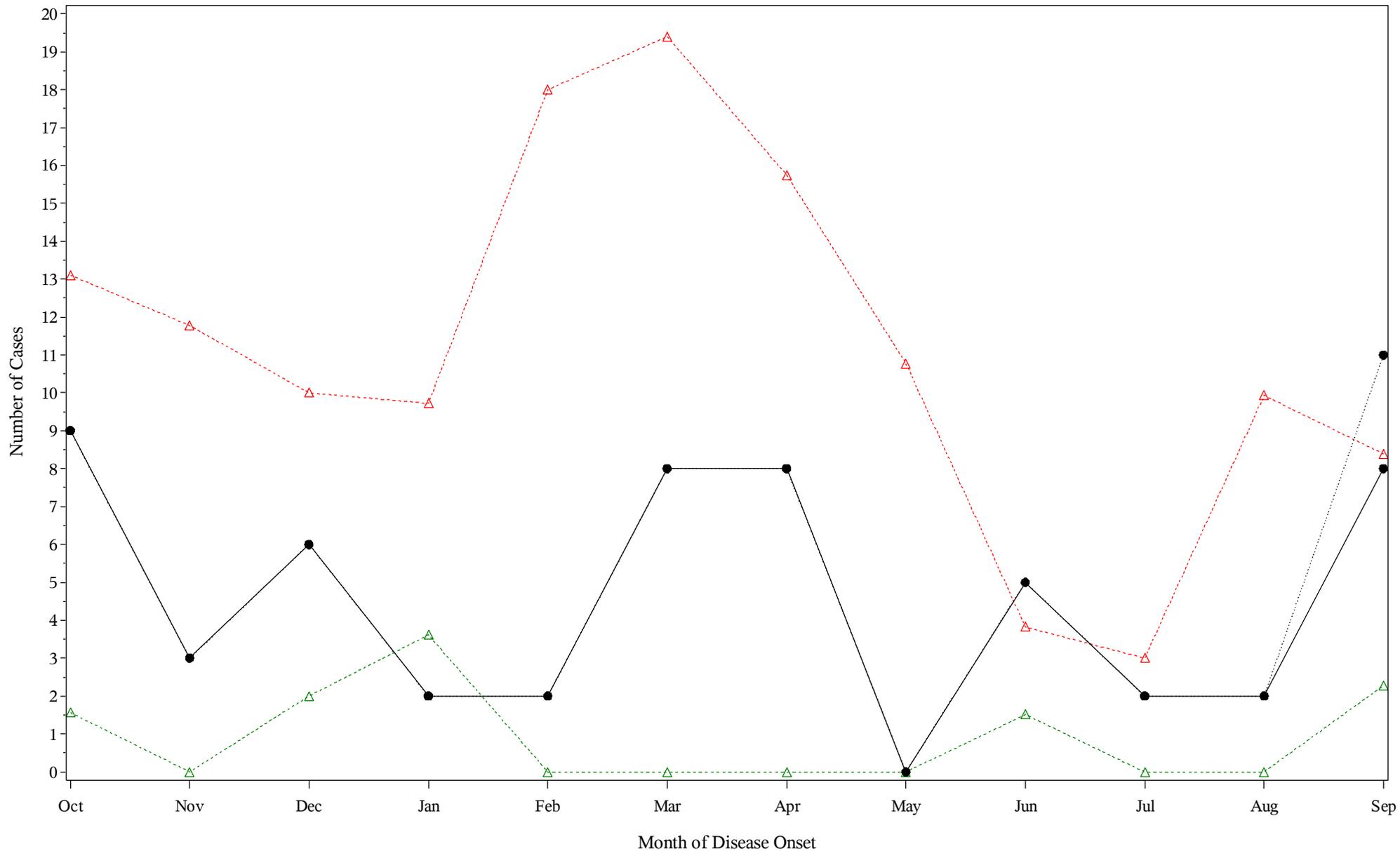


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
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 Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

West Central      Varicella



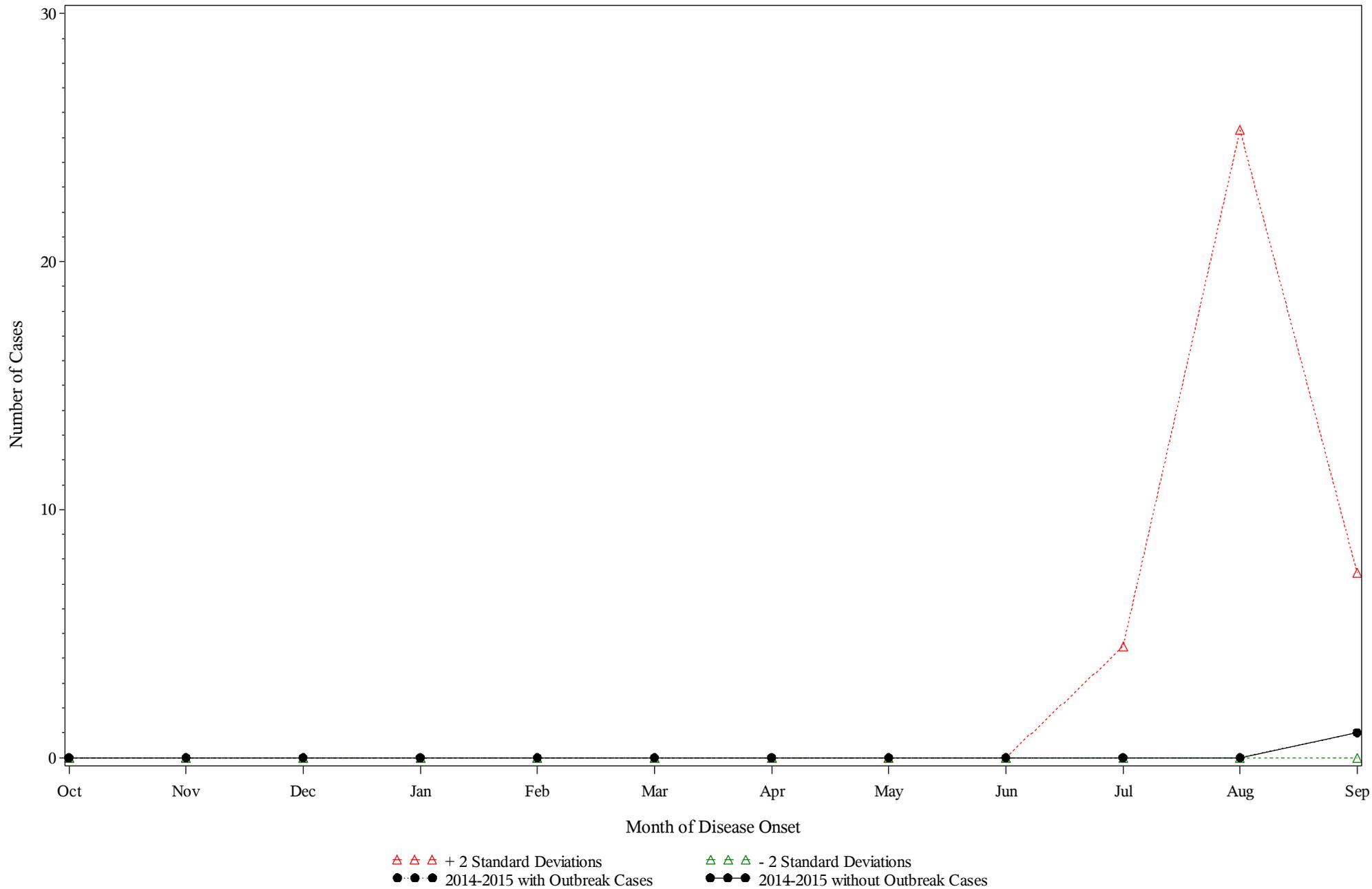
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014  
 Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases

# Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2014-2015

West Central West Nile Virus Disease



Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 10/25/2015

Source: Ohio Department of Health Bureau of Infectious Diseases