

Quarterly Trends in Ohio Disease Incidence

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

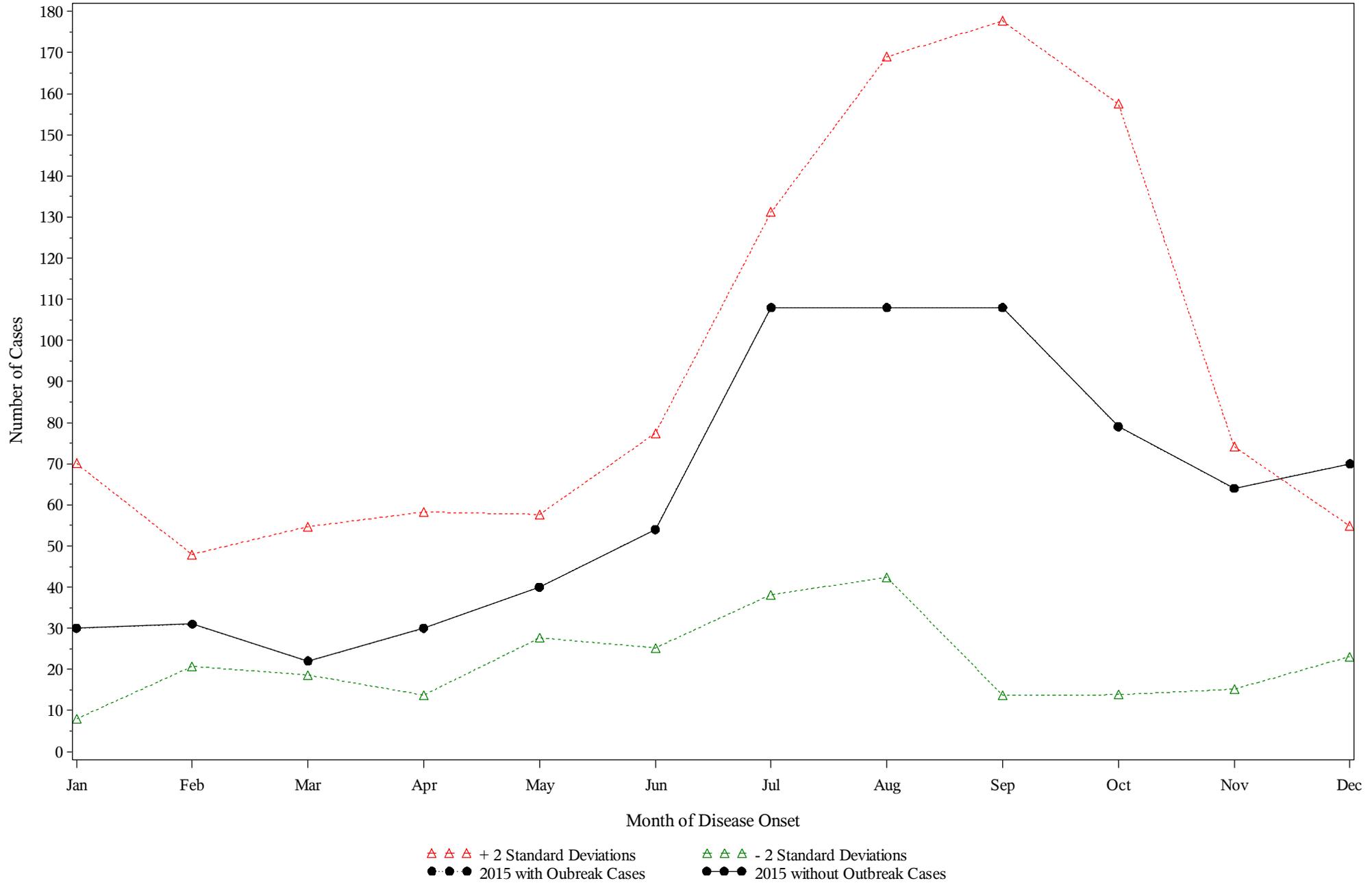
Southeast – Athens, Belmont, Coshocton, Gallia, Guernsey, Harrison, Hocking, Jackson, Jefferson, Lawrence, Meigs, Monroe, Morgan, Muskingum, Noble, Perry, Pike, Ross, Scioto, Vinton, Washington

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, 2015

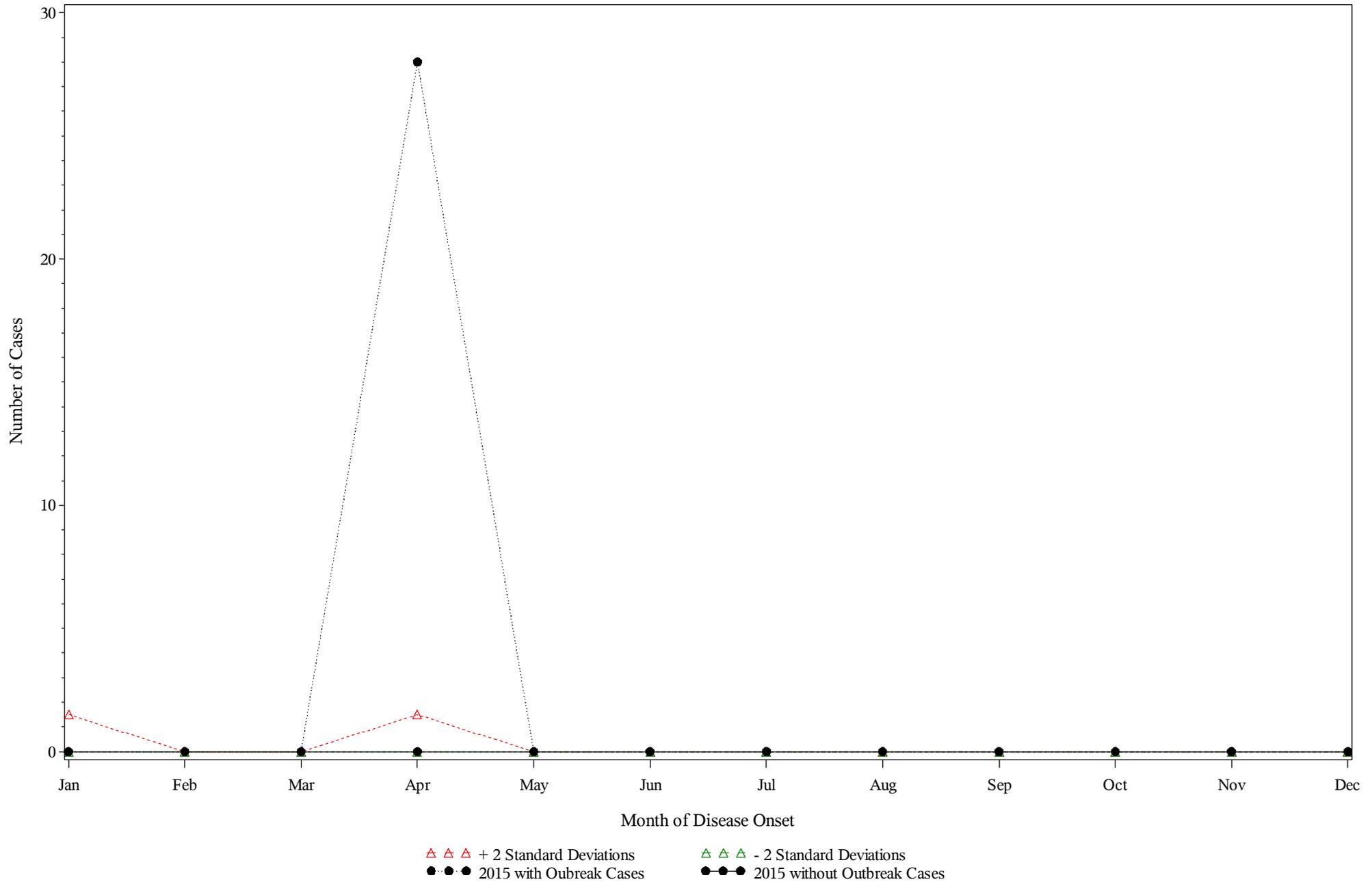
Aseptic Meningitis



Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

Botulism, Foodborne

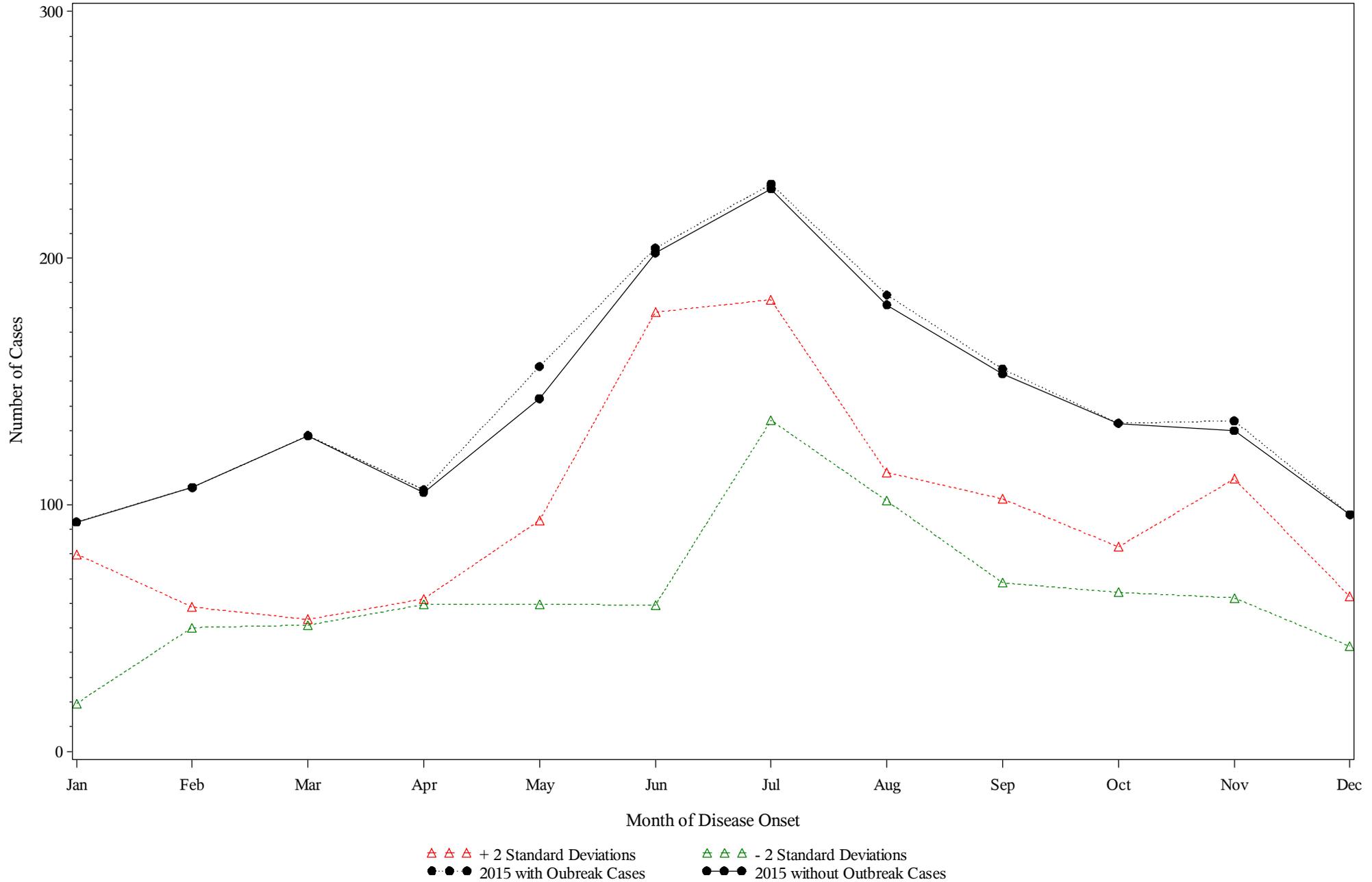


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Source: Ohio Department of Health Bureau of Infectious Diseases

Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

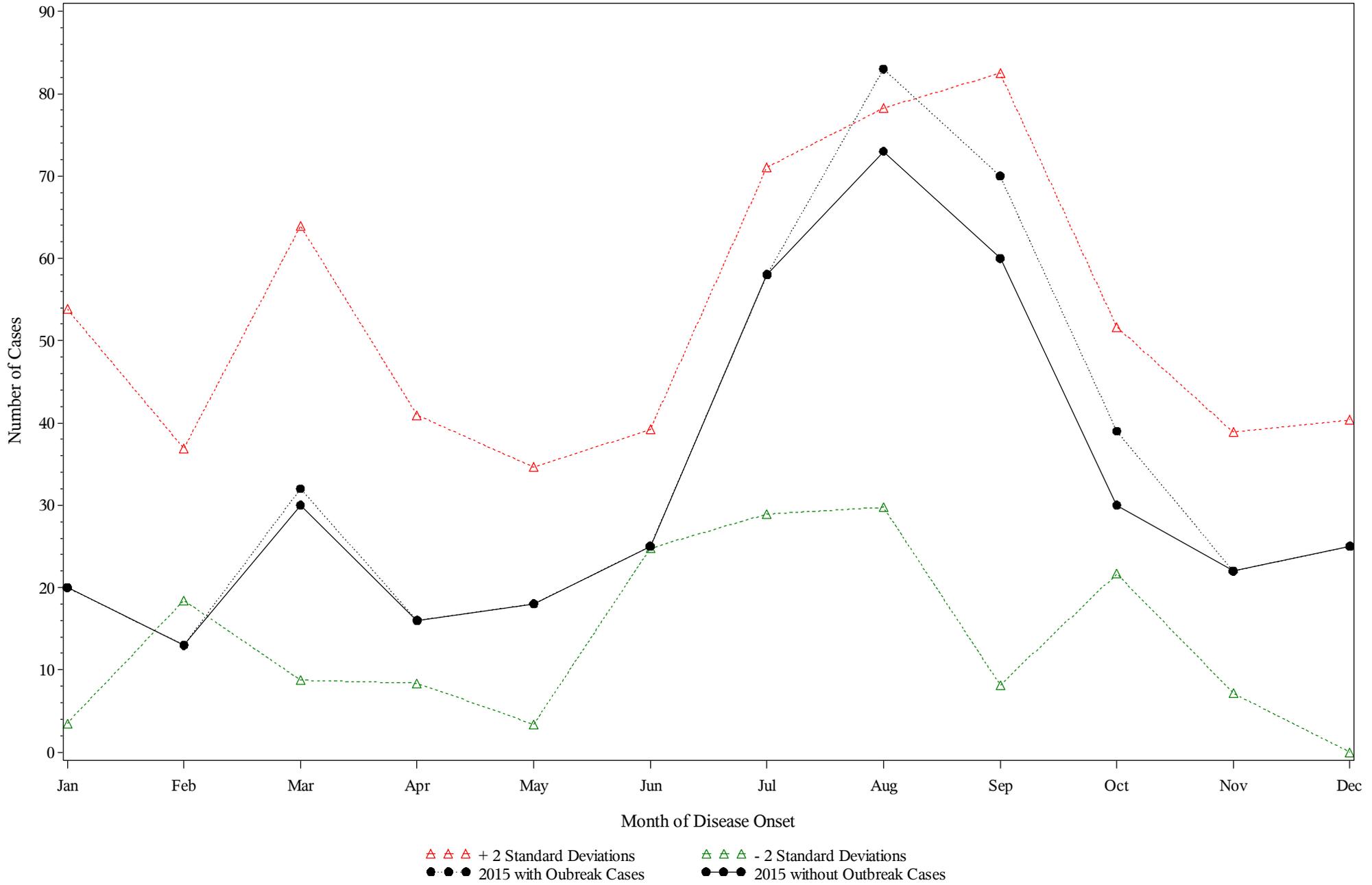
Campylobacteriosis



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Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

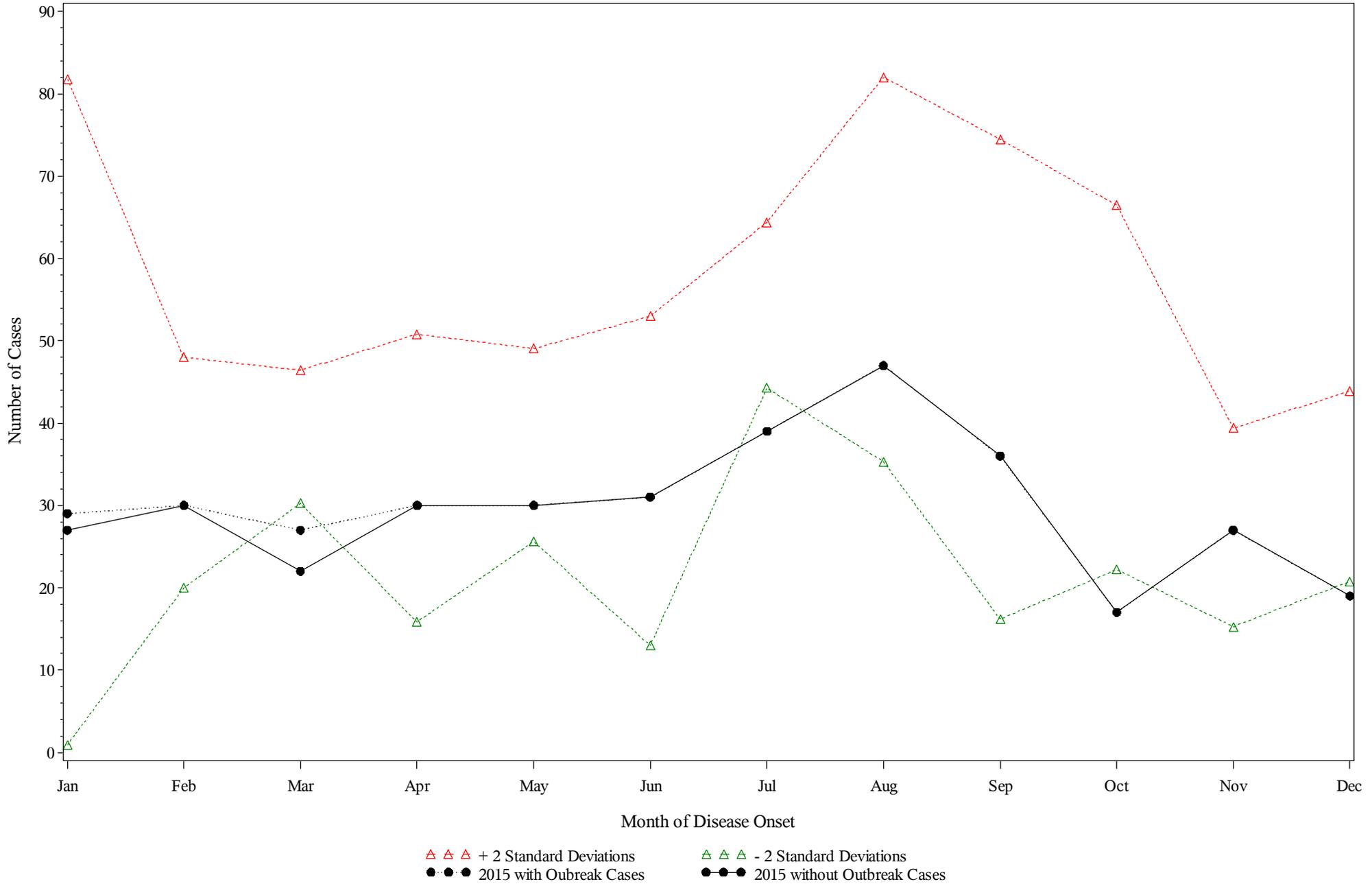
Cryptosporidiosis



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Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

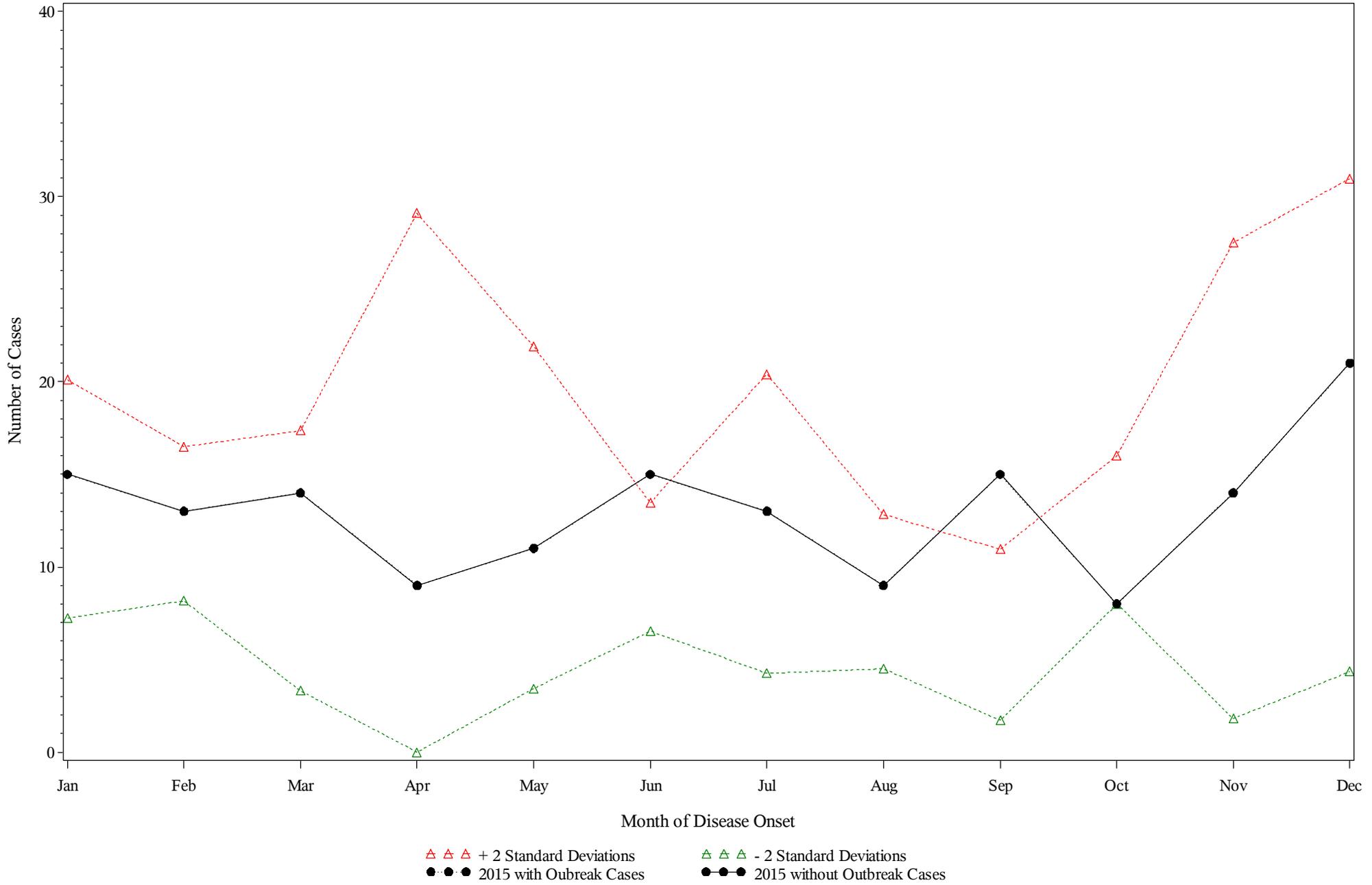
Giardiasis



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Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

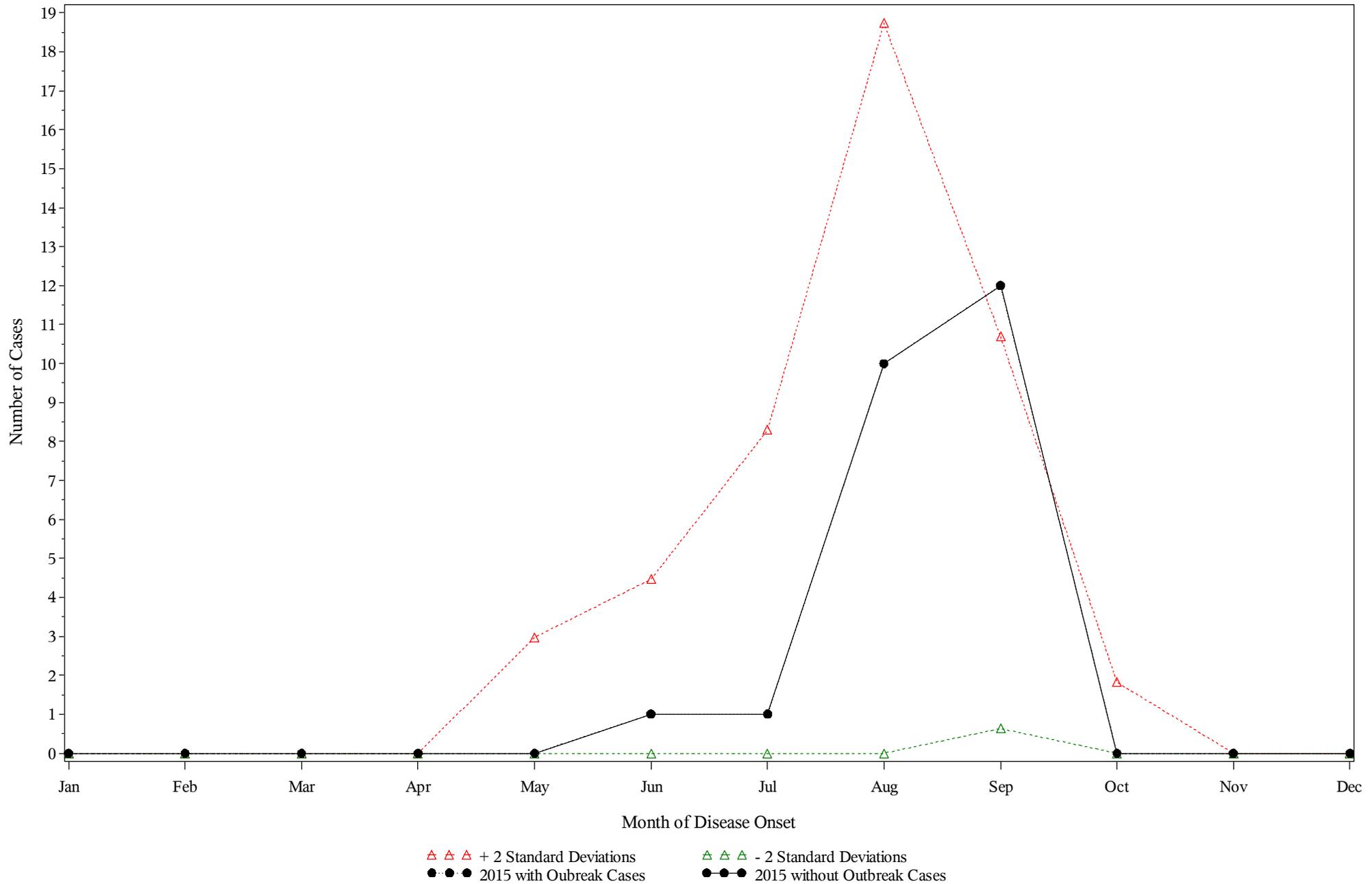
Haemophilus influenzae, Invasive



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 Source: Ohio Department of Health Bureau of Infectious Diseases

Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

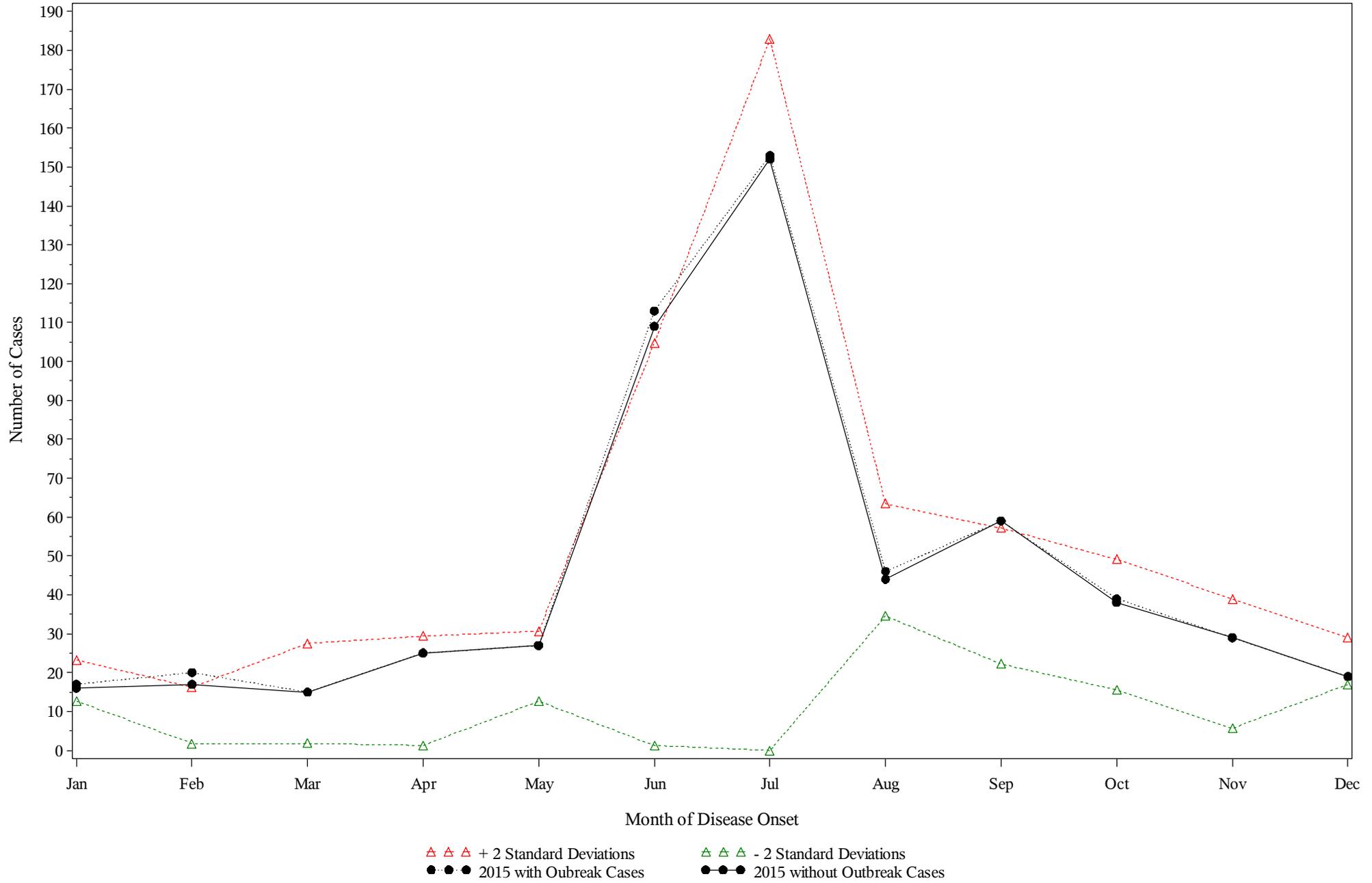
LaCrosse Virus Disease



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Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

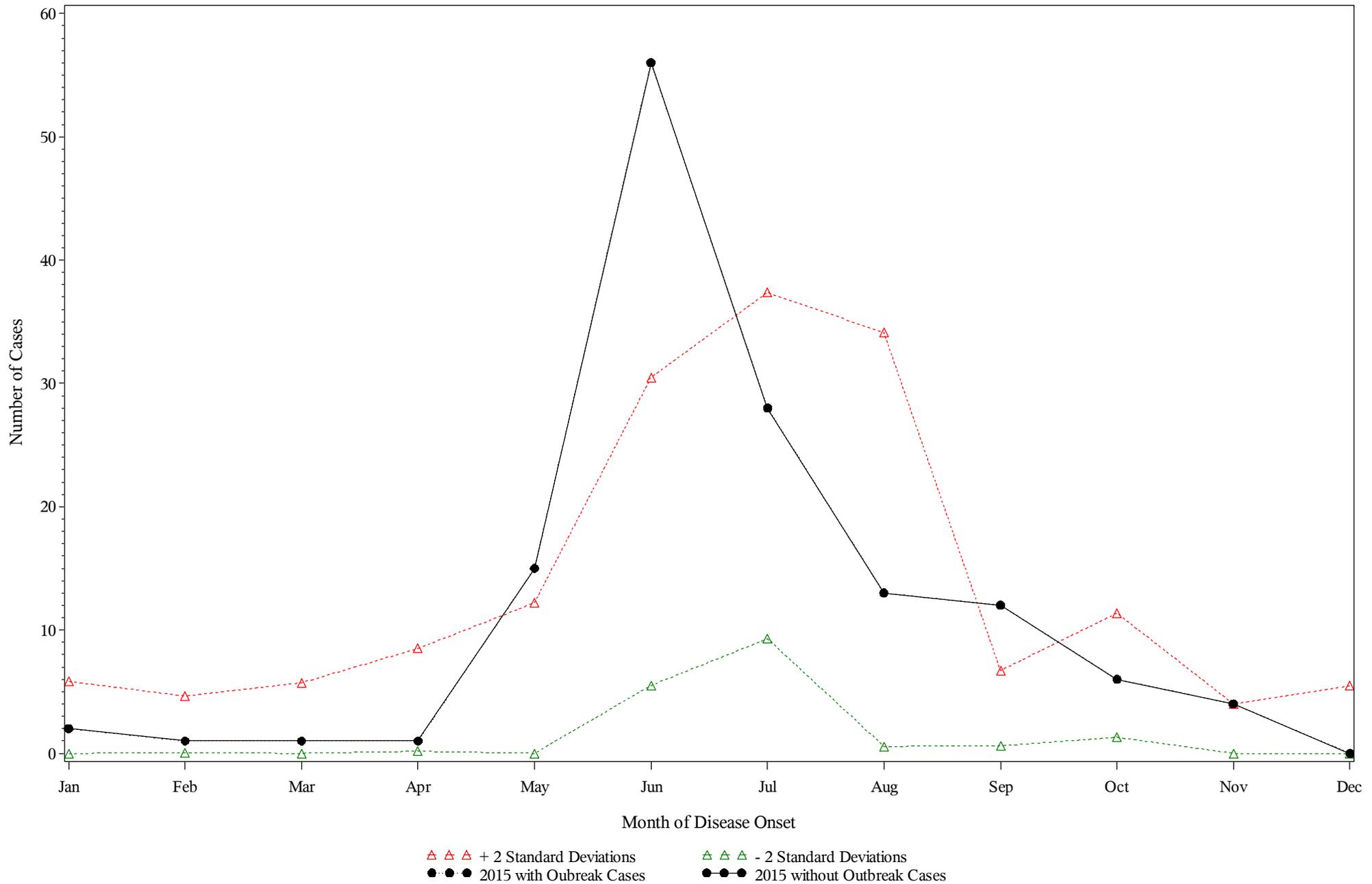
Legionellosis



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 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

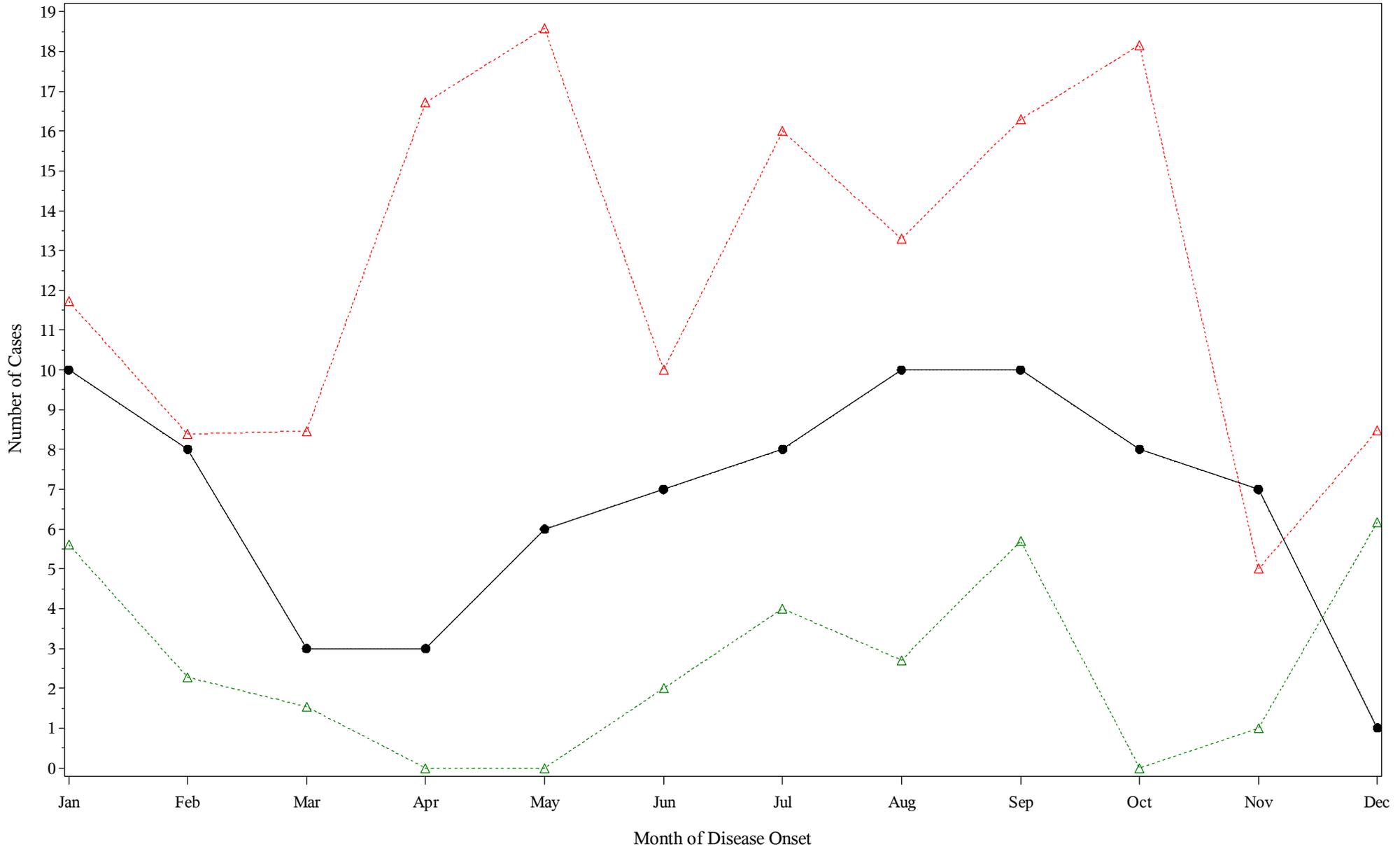
Lyme Disease



Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

Bacterial Meningitis

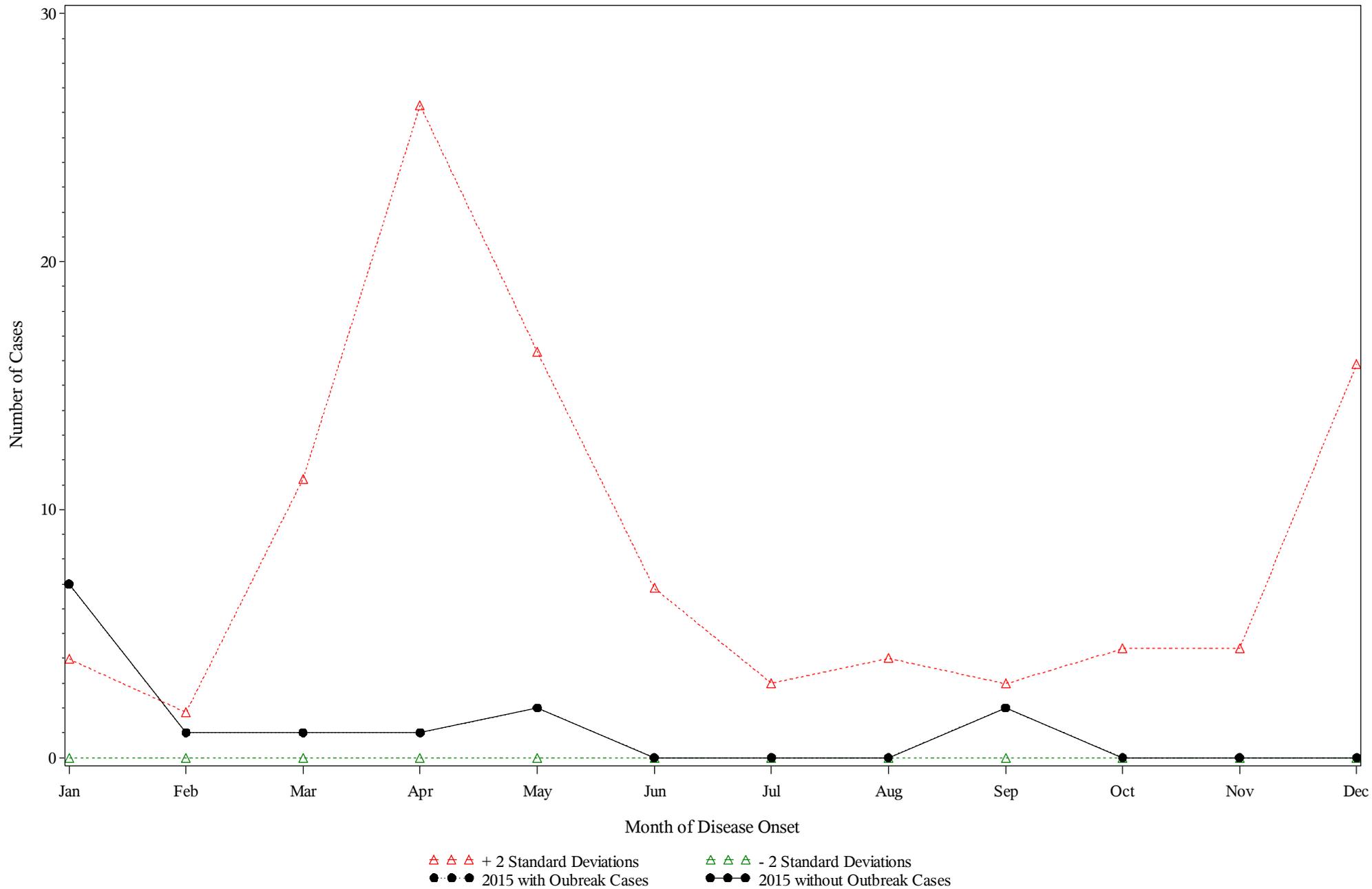


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Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

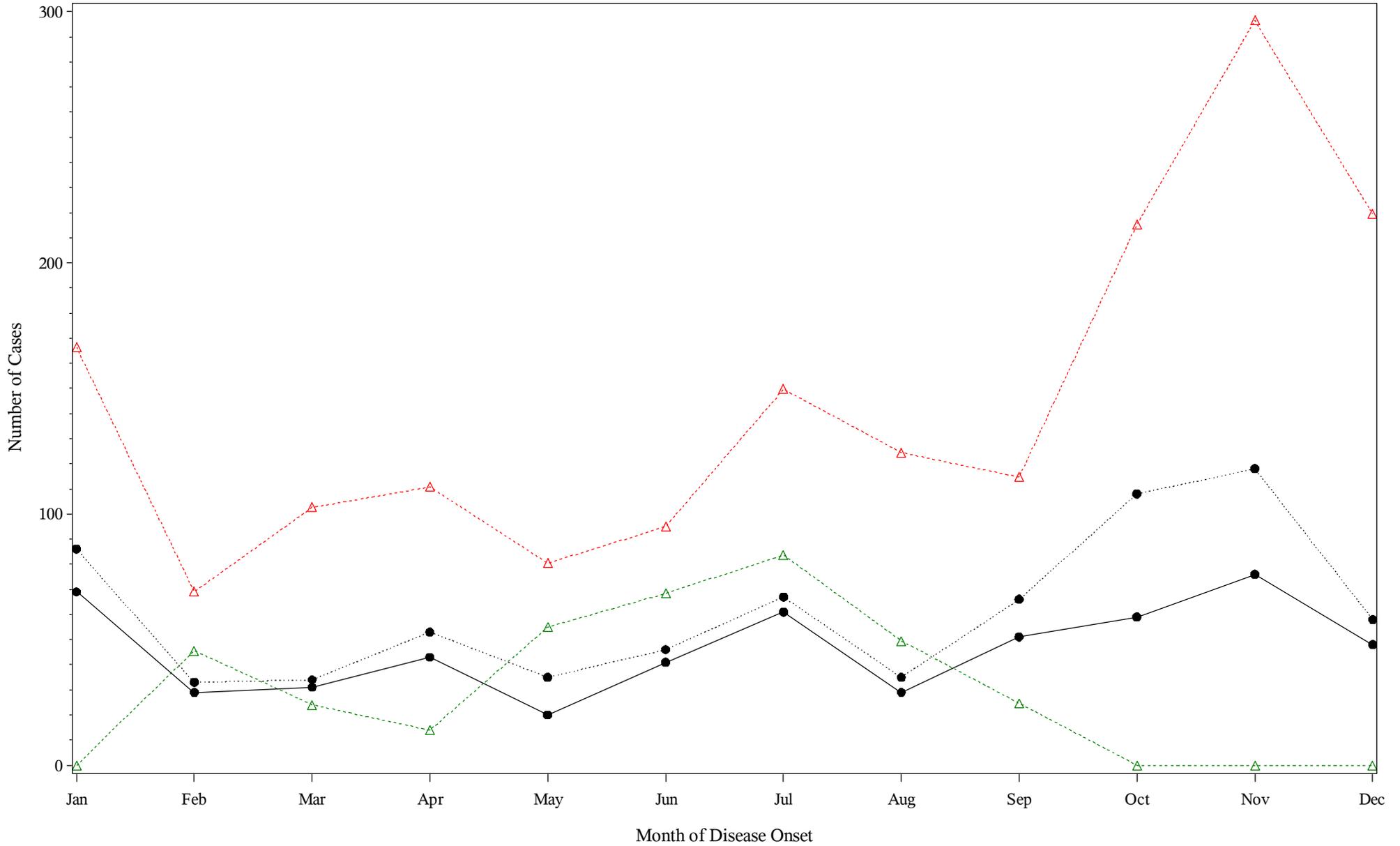
Mumps



Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

Pertussis

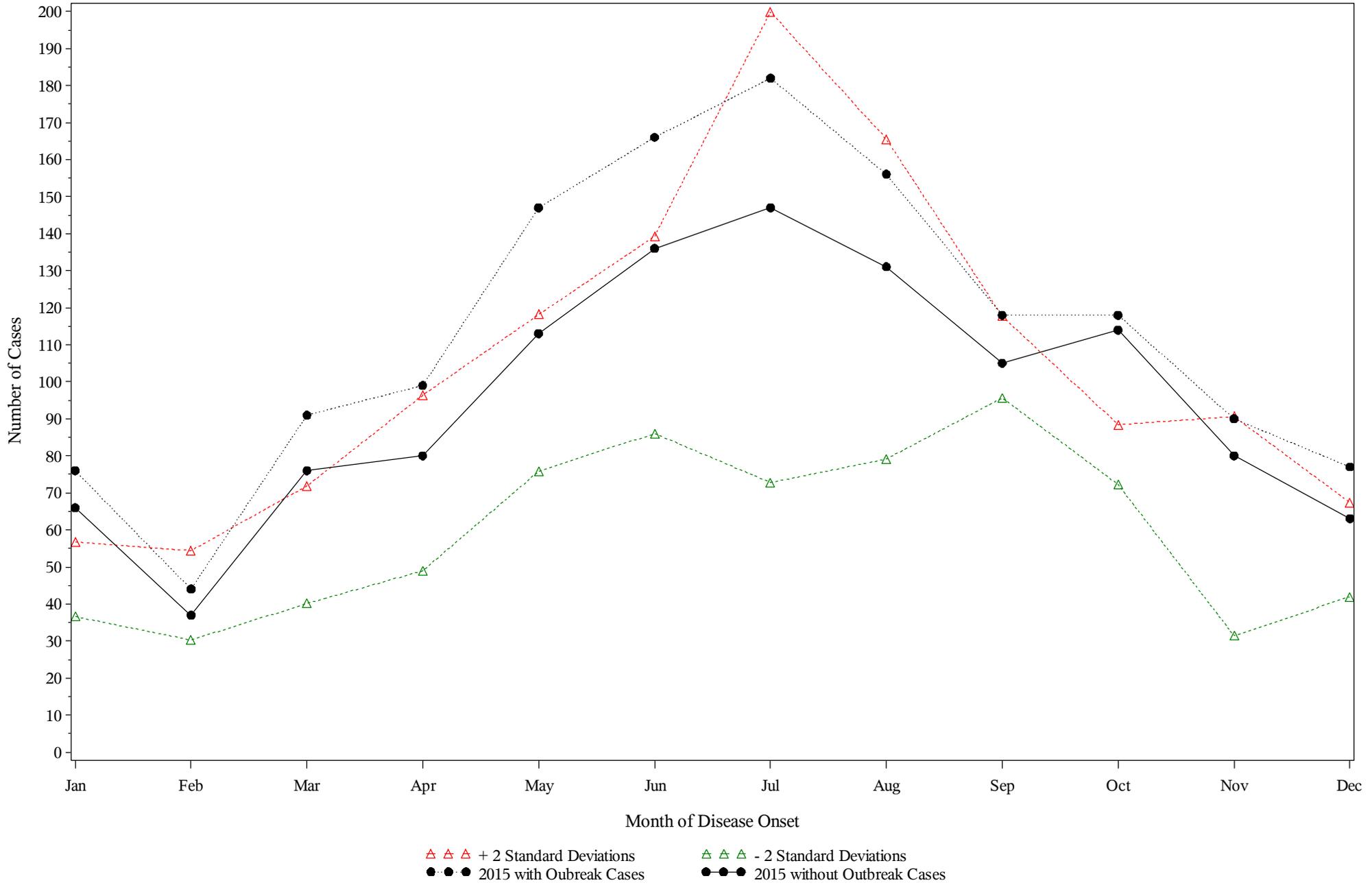


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 Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

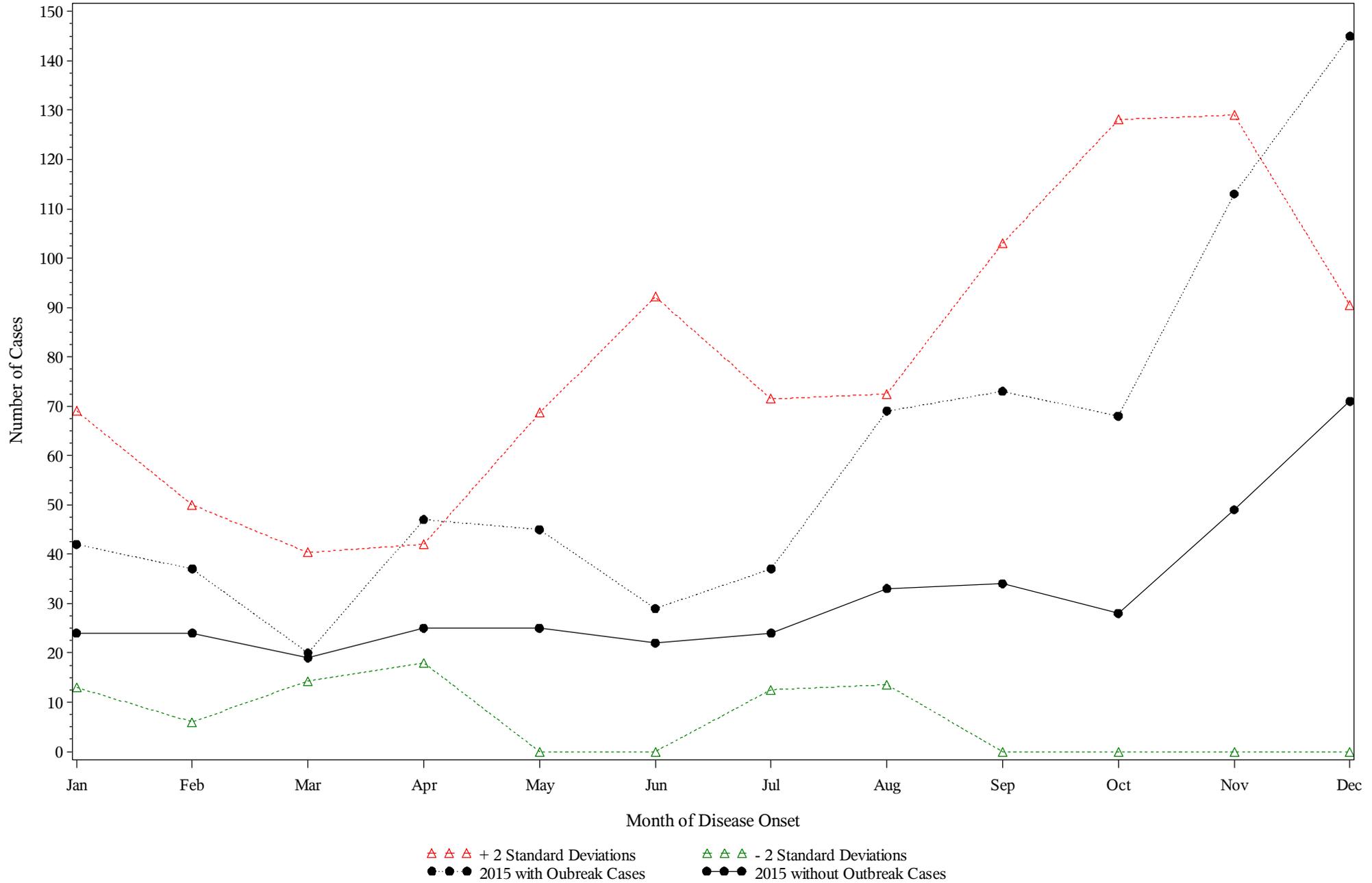
Salmonellosis



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 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

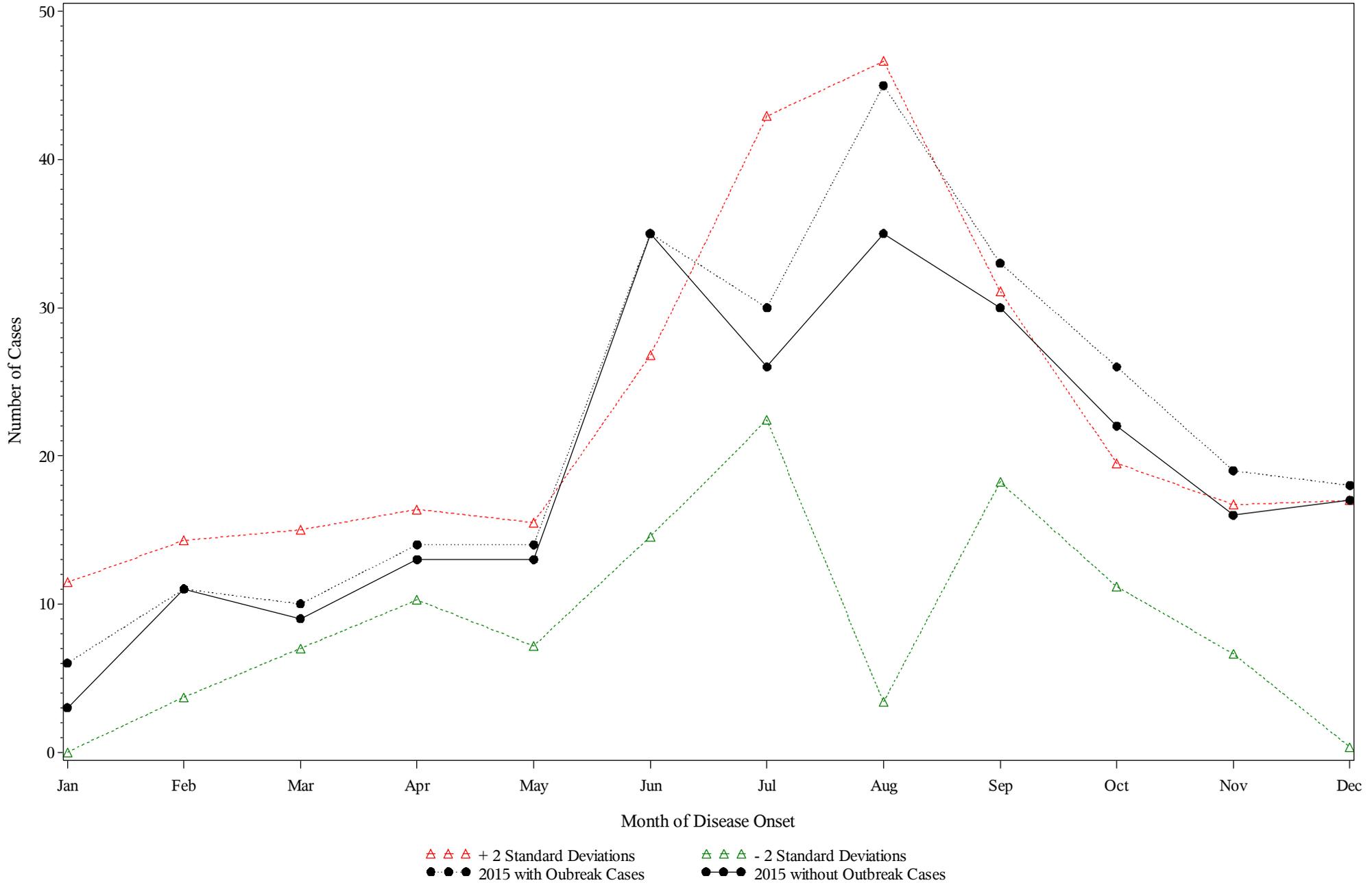
Shigellosis



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 Source: Ohio Department of Health Bureau of Infectious Diseases

Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

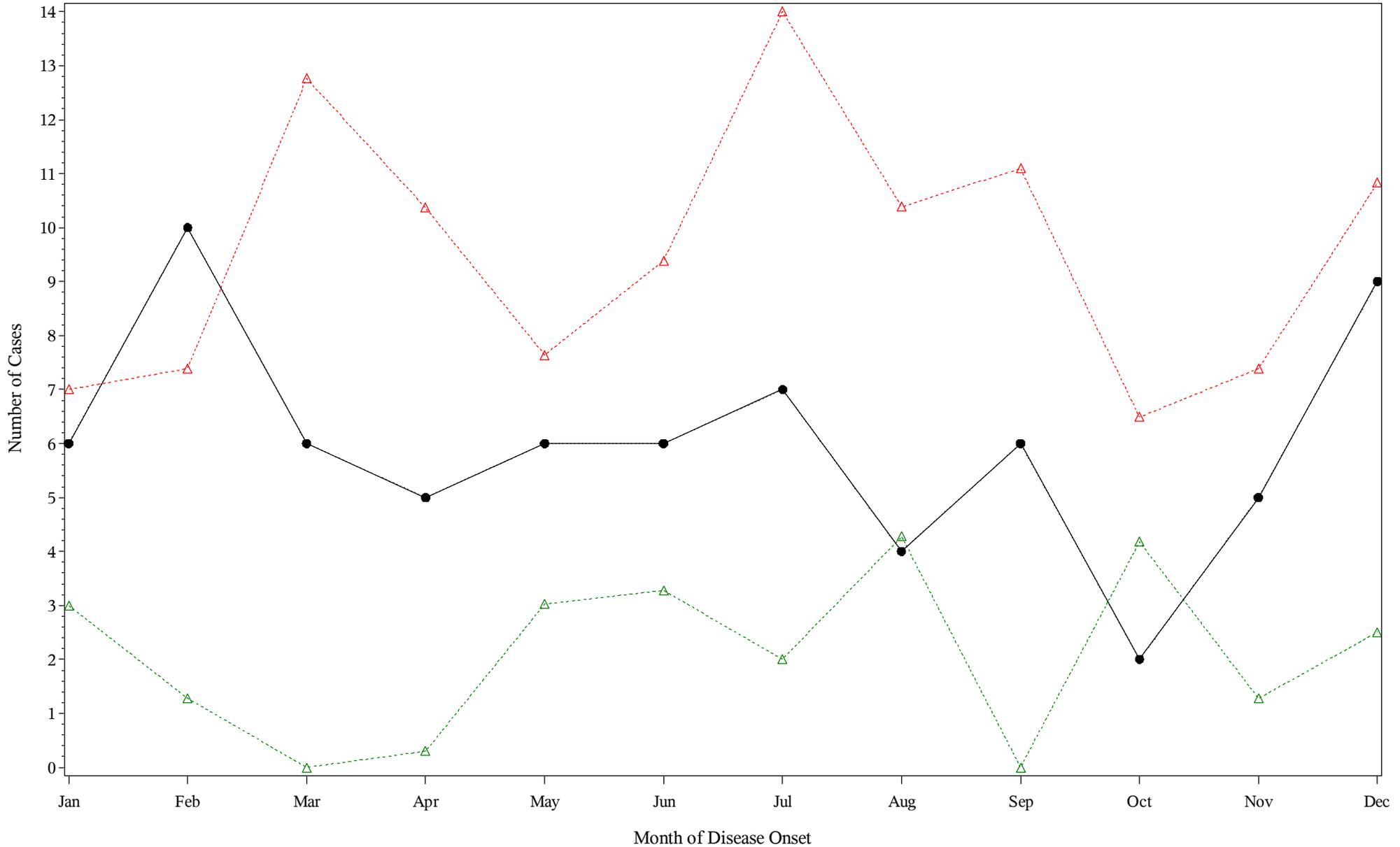
Shiga Toxin-Producing Escherichia coli



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 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

Streptococcal Disease, Group B, in Newborn

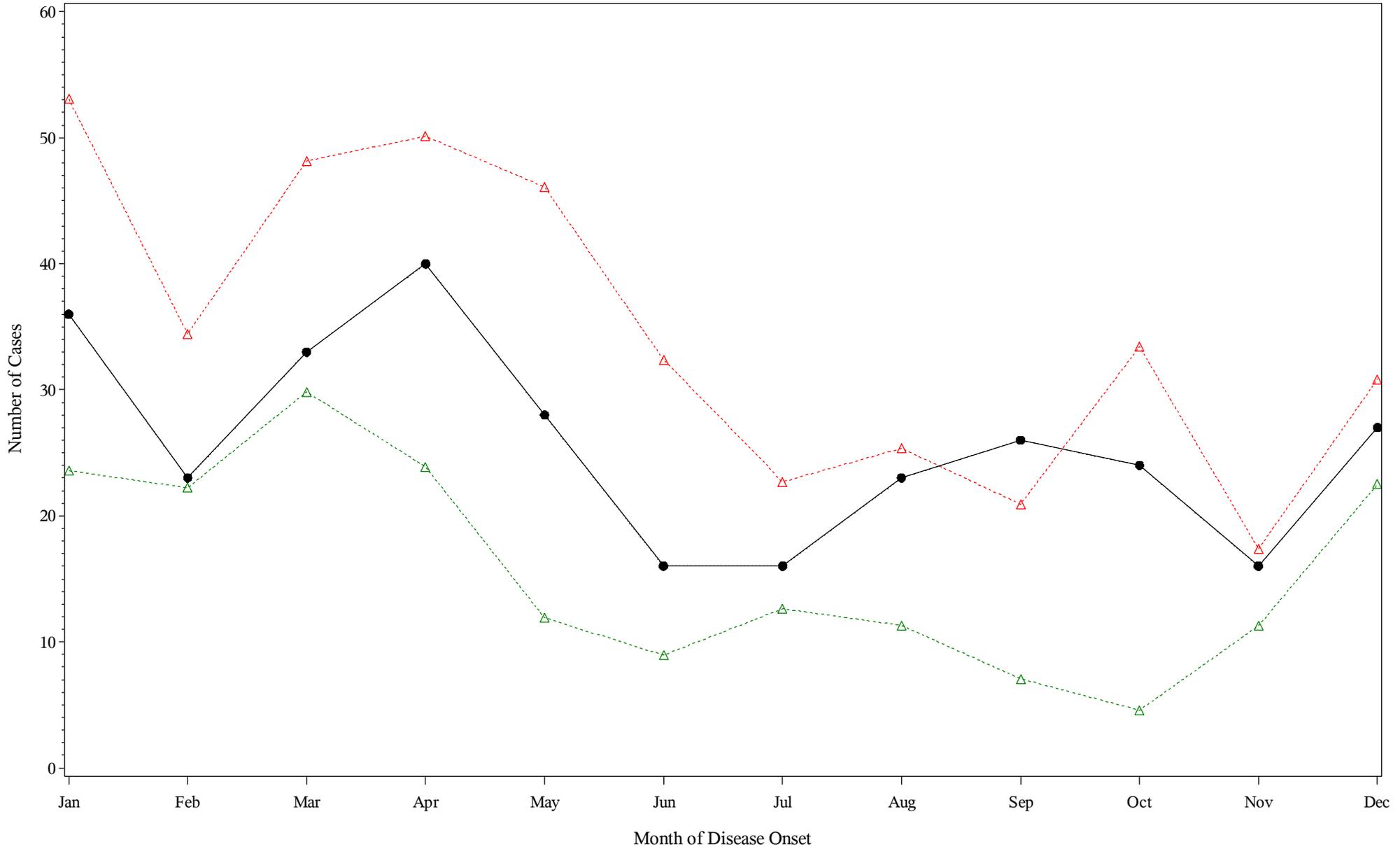


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 Current as of 01/26/2016
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Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

Streptococcal Disease, Group A, Invasive

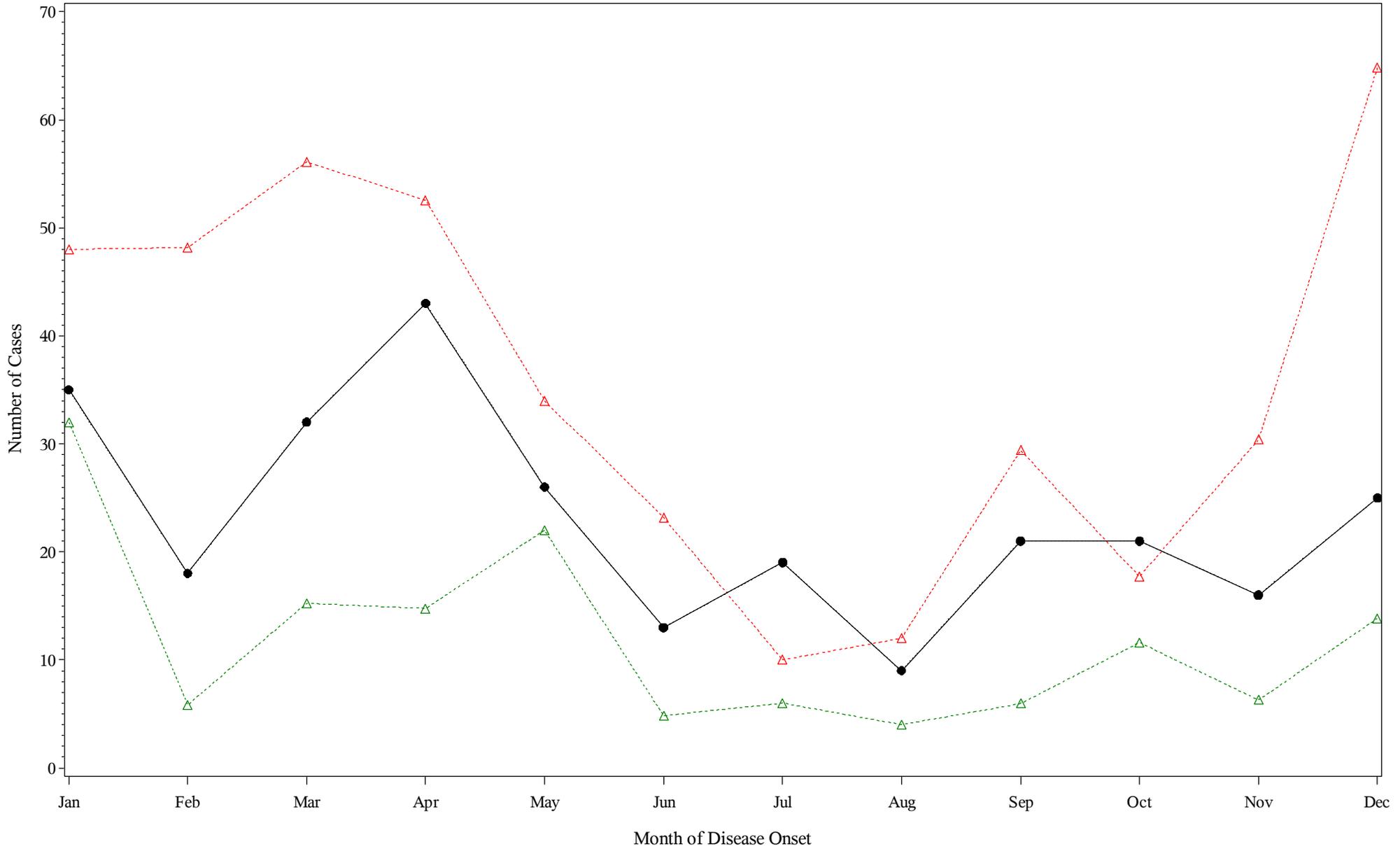


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Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

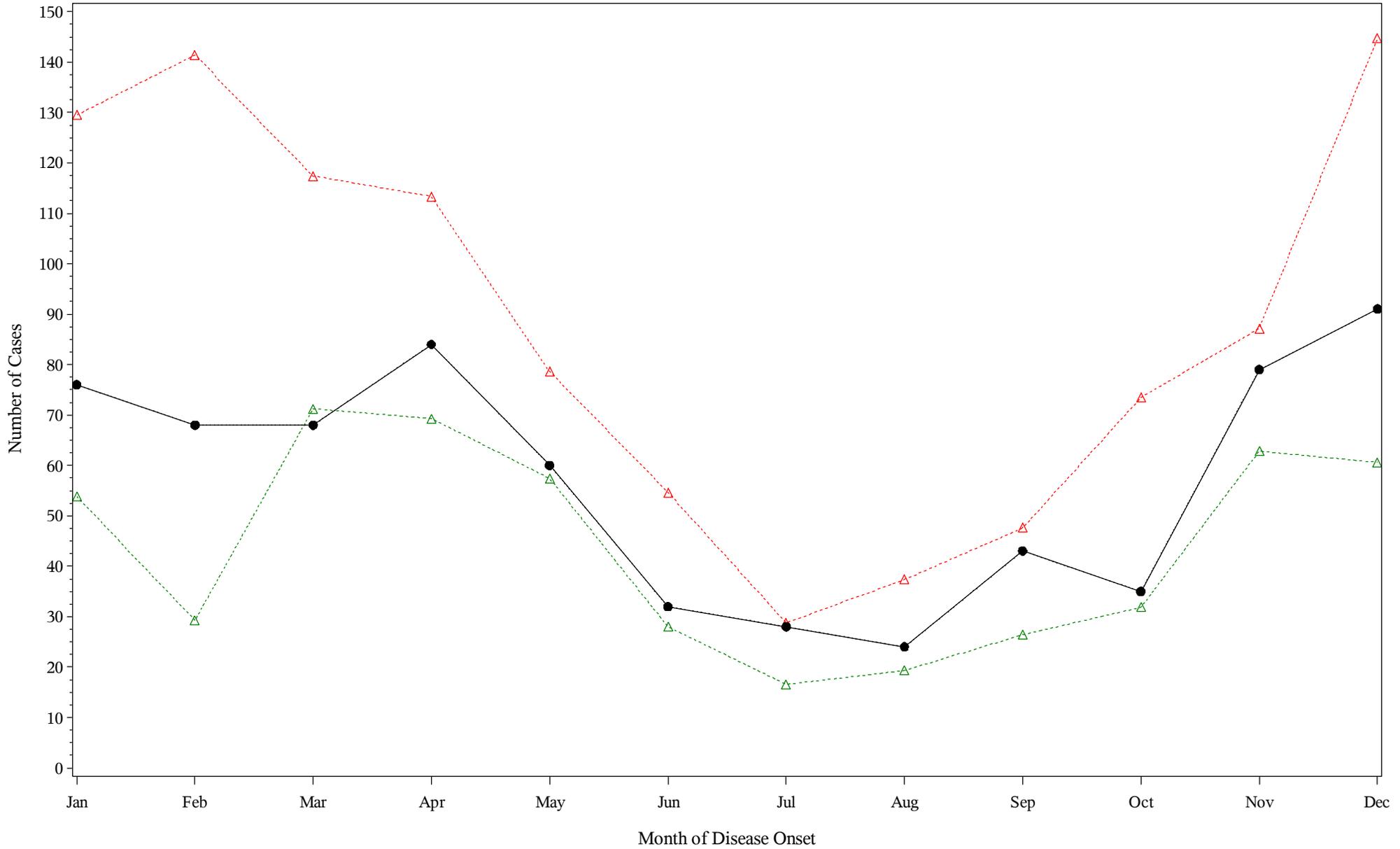
Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate



Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown

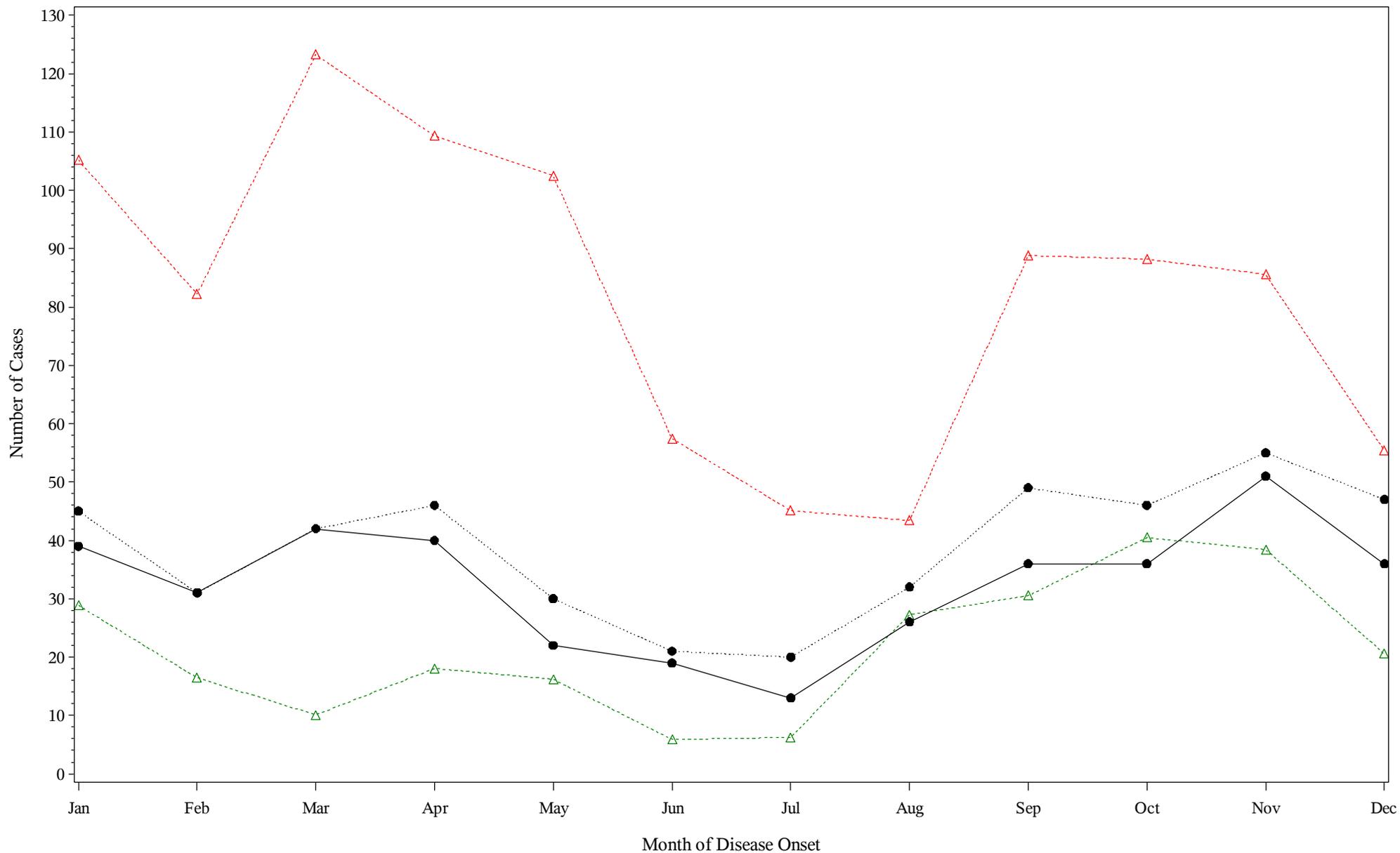


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 Current as of 01/26/2016
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Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

Varicella

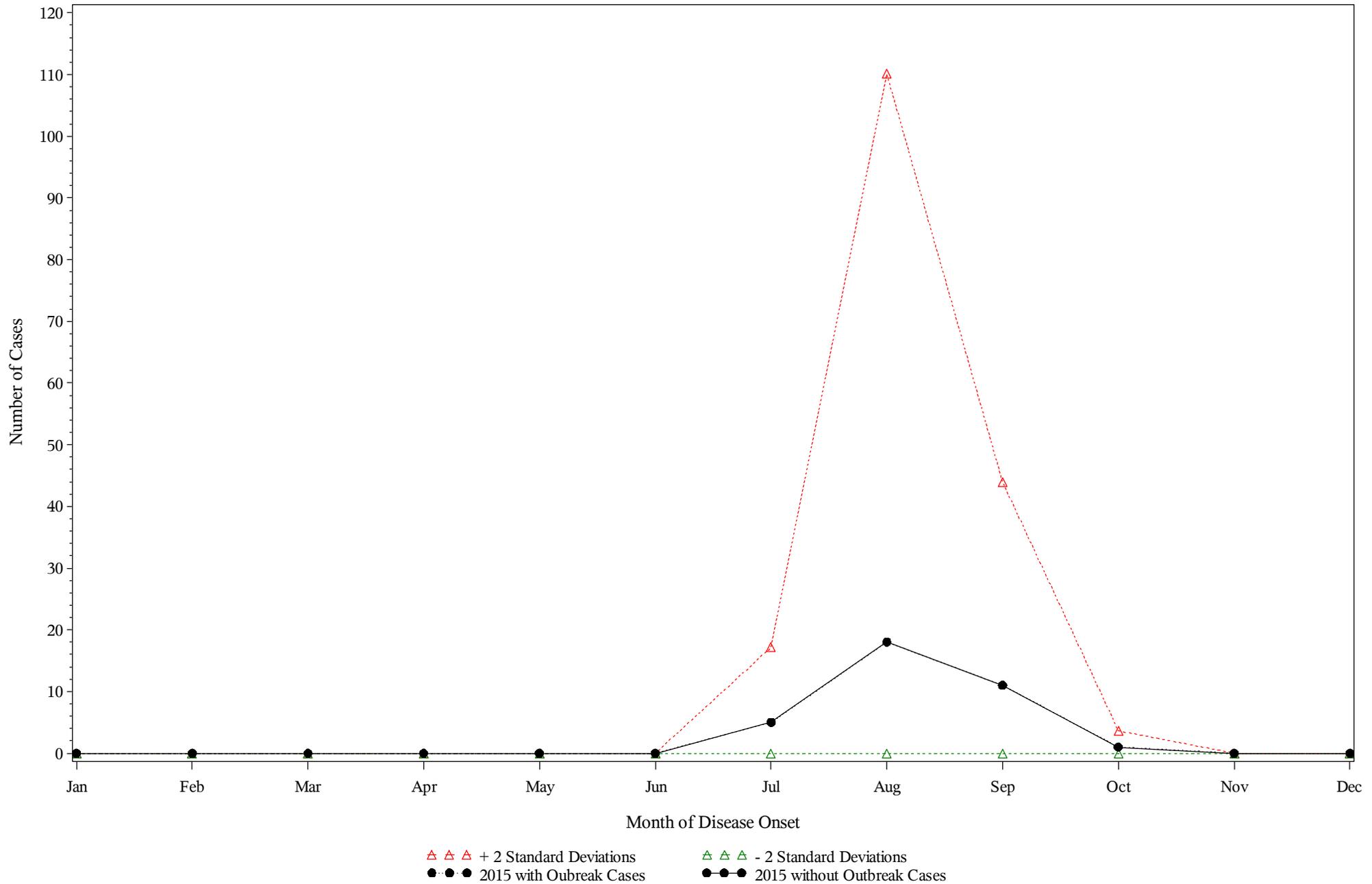


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
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Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

West Nile Virus Disease

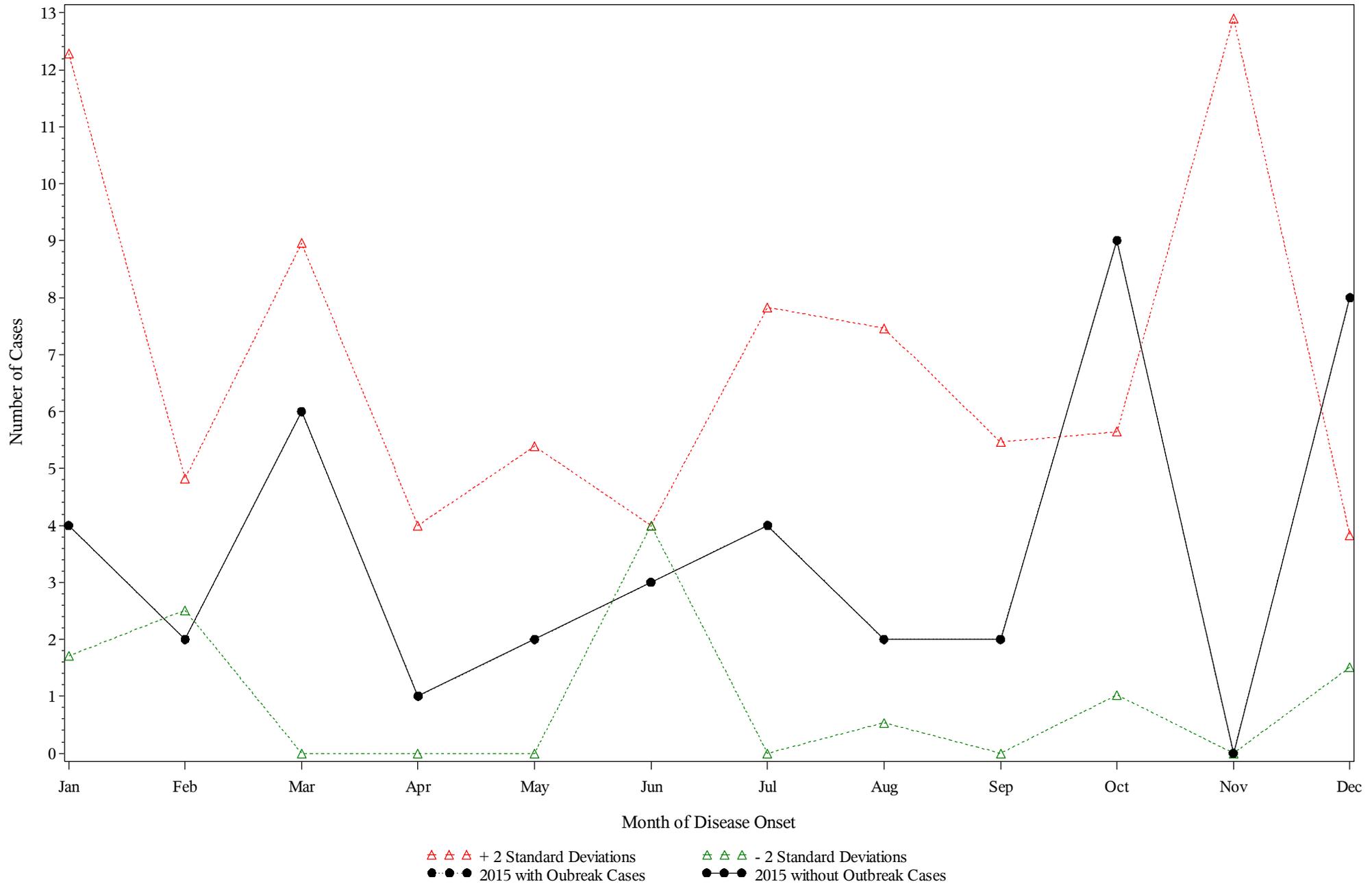


Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
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Source: Ohio Department of Health Bureau of Infectious Diseases

Quarterly Statewide Surveillance Trends by Disease, Ohio, 2015

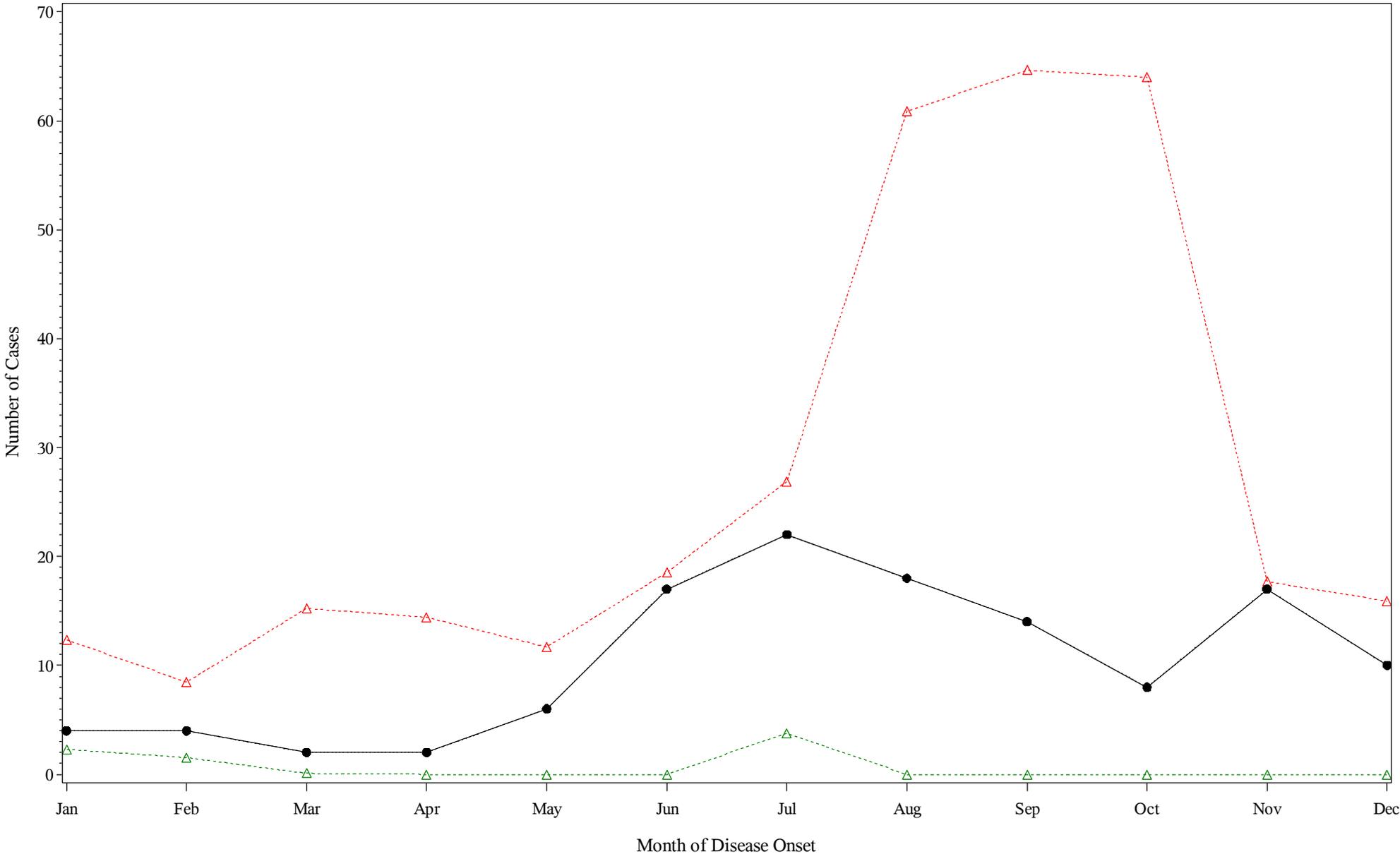
Yersiniosis



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 Current as of 01/26/2016
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Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2015

Central Aseptic Meningitis

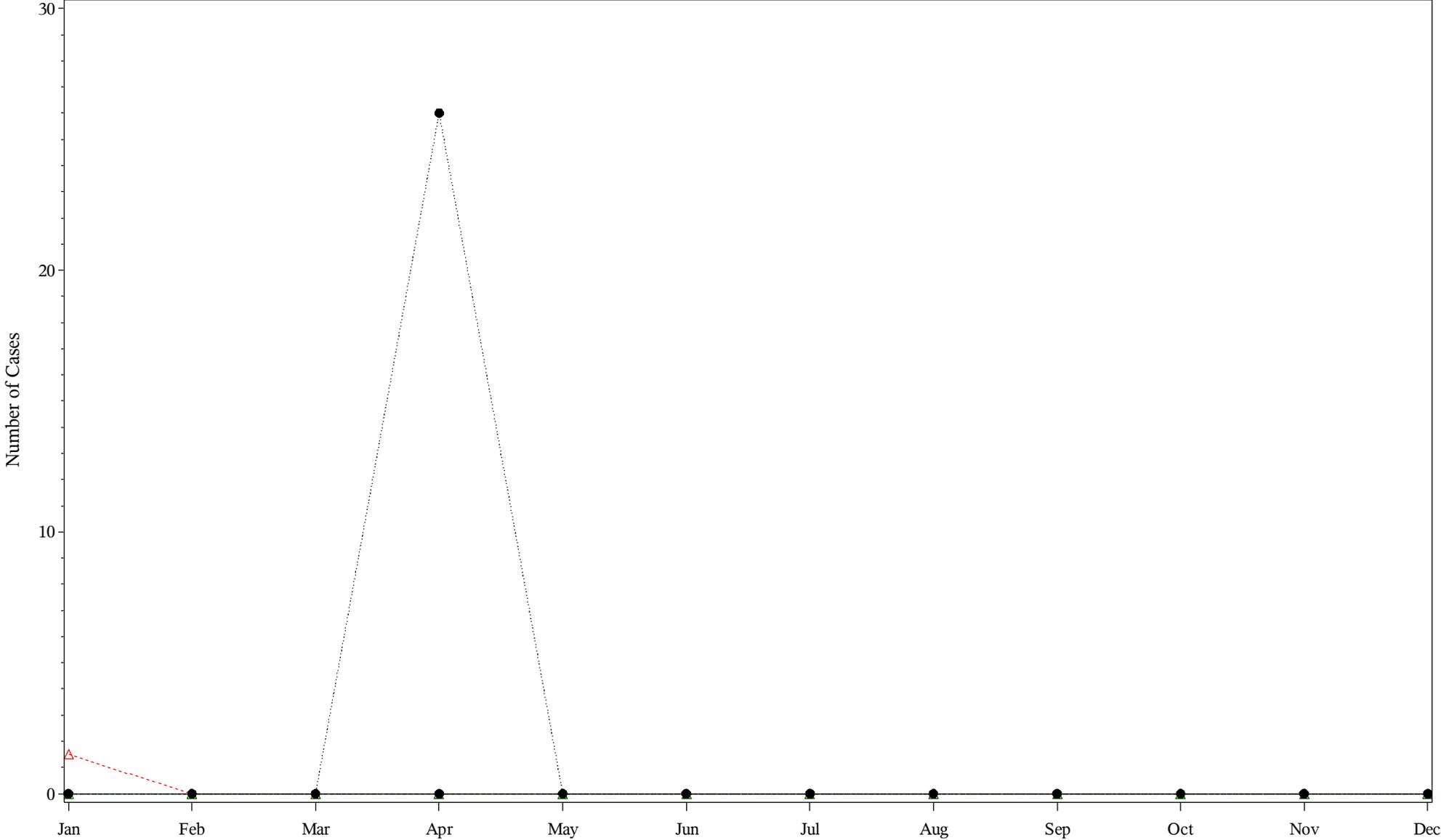


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Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2015

Central Botulism, Foodborne

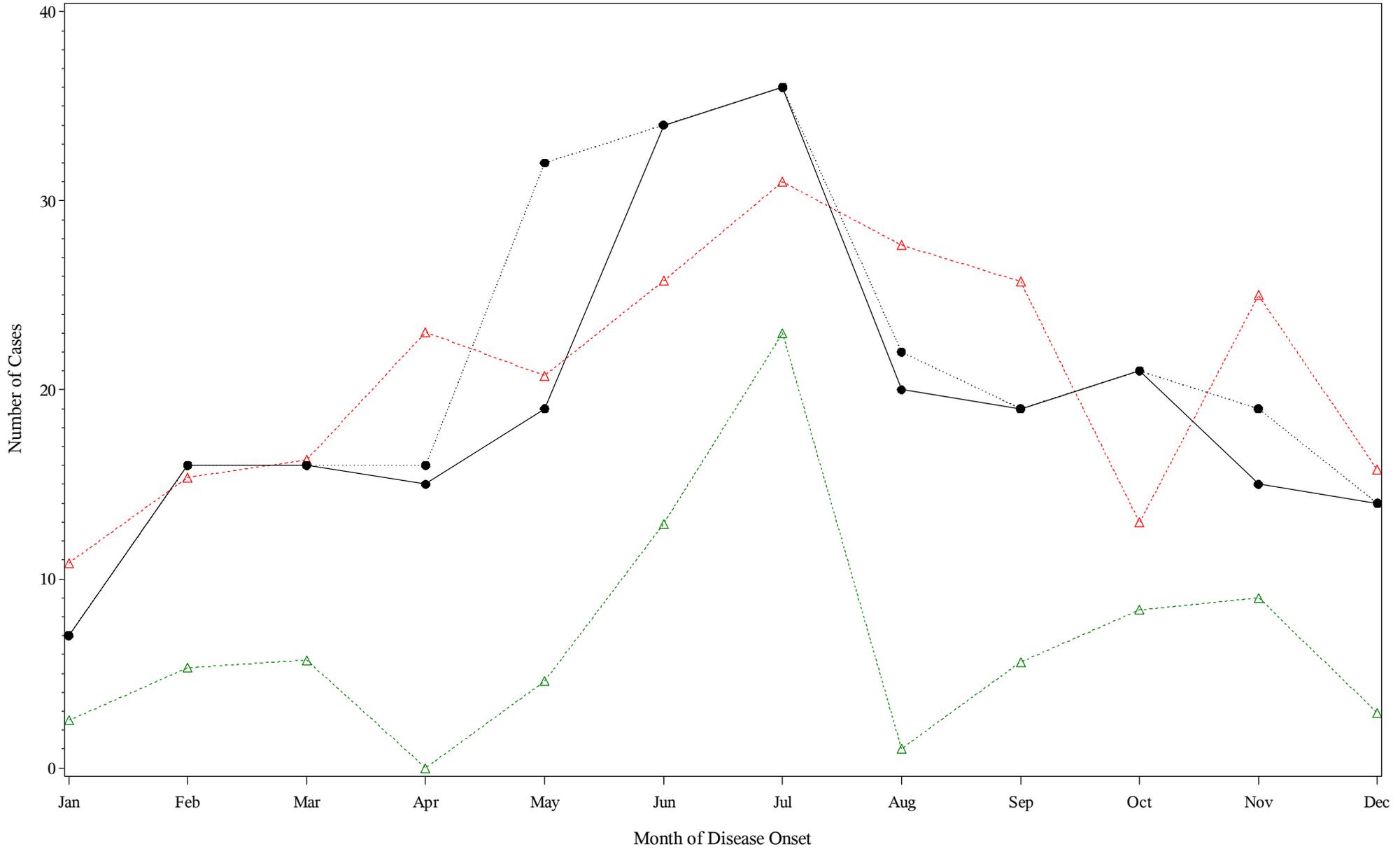


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Source: Ohio Department of Health Bureau of Infectious Diseases

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

Central Campylobacteriosis

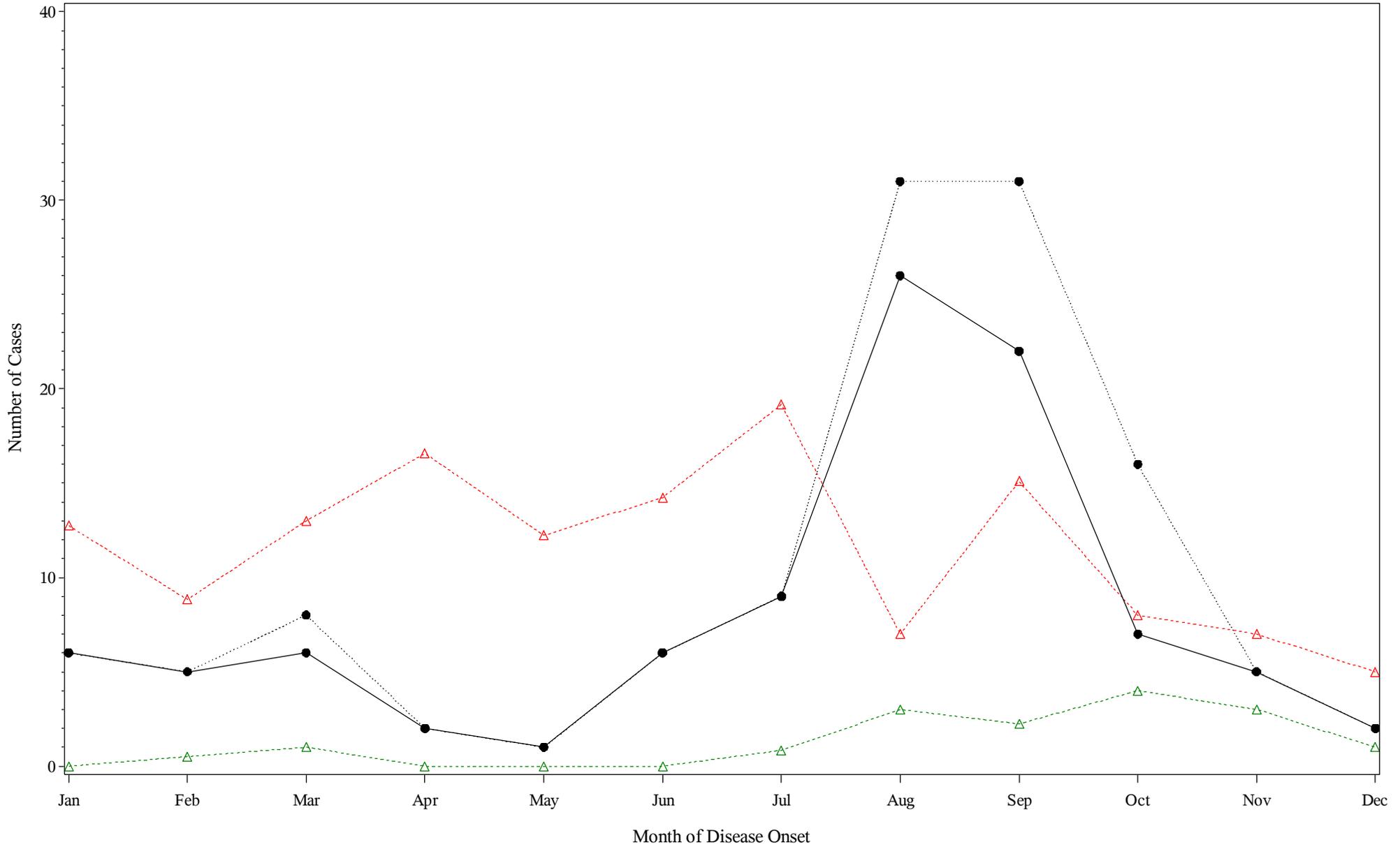


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Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2015

Central Cryptosporidiosis



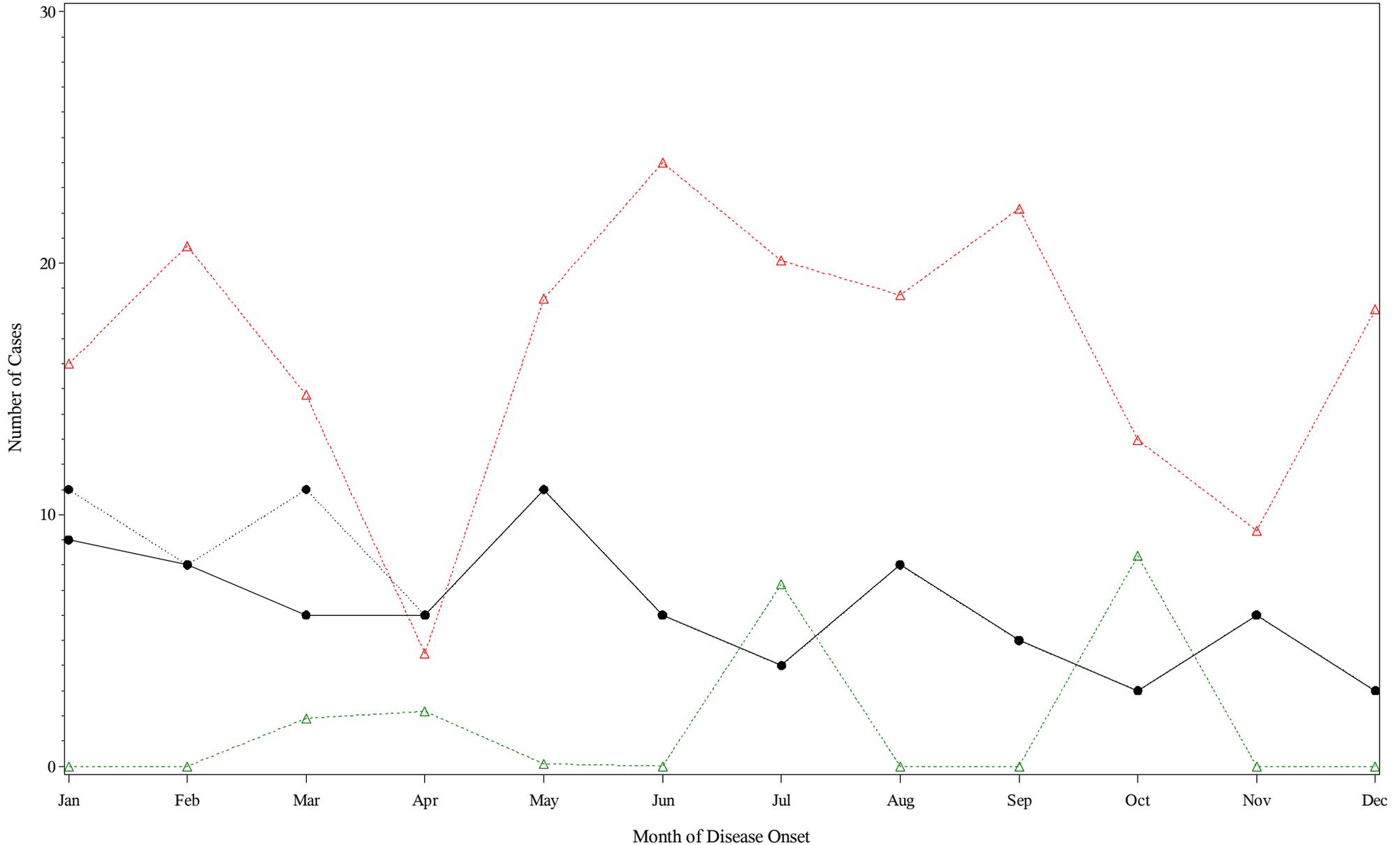
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Central Giardiasis

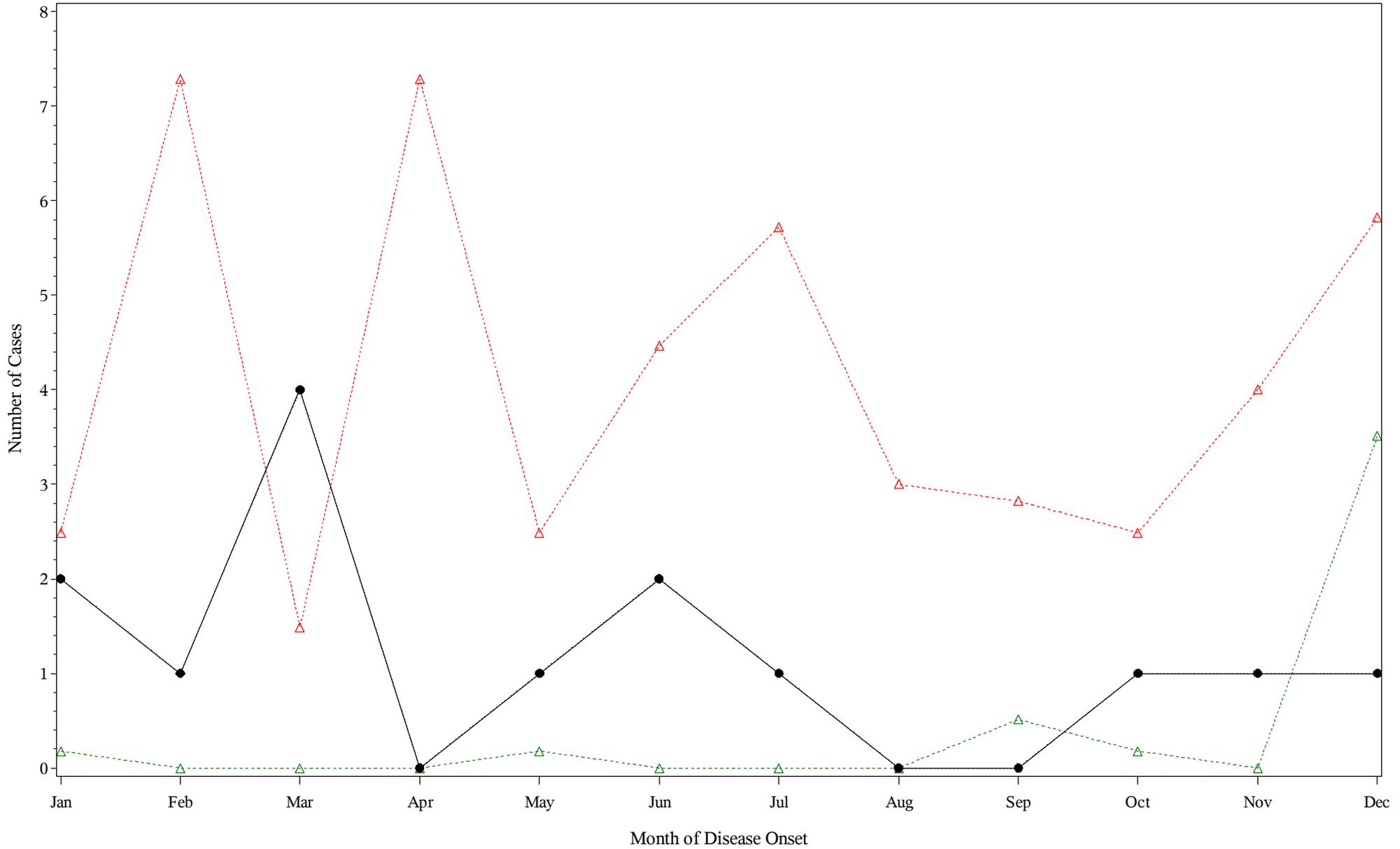


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Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2015

Central Haemophilus influenzae, Invasive

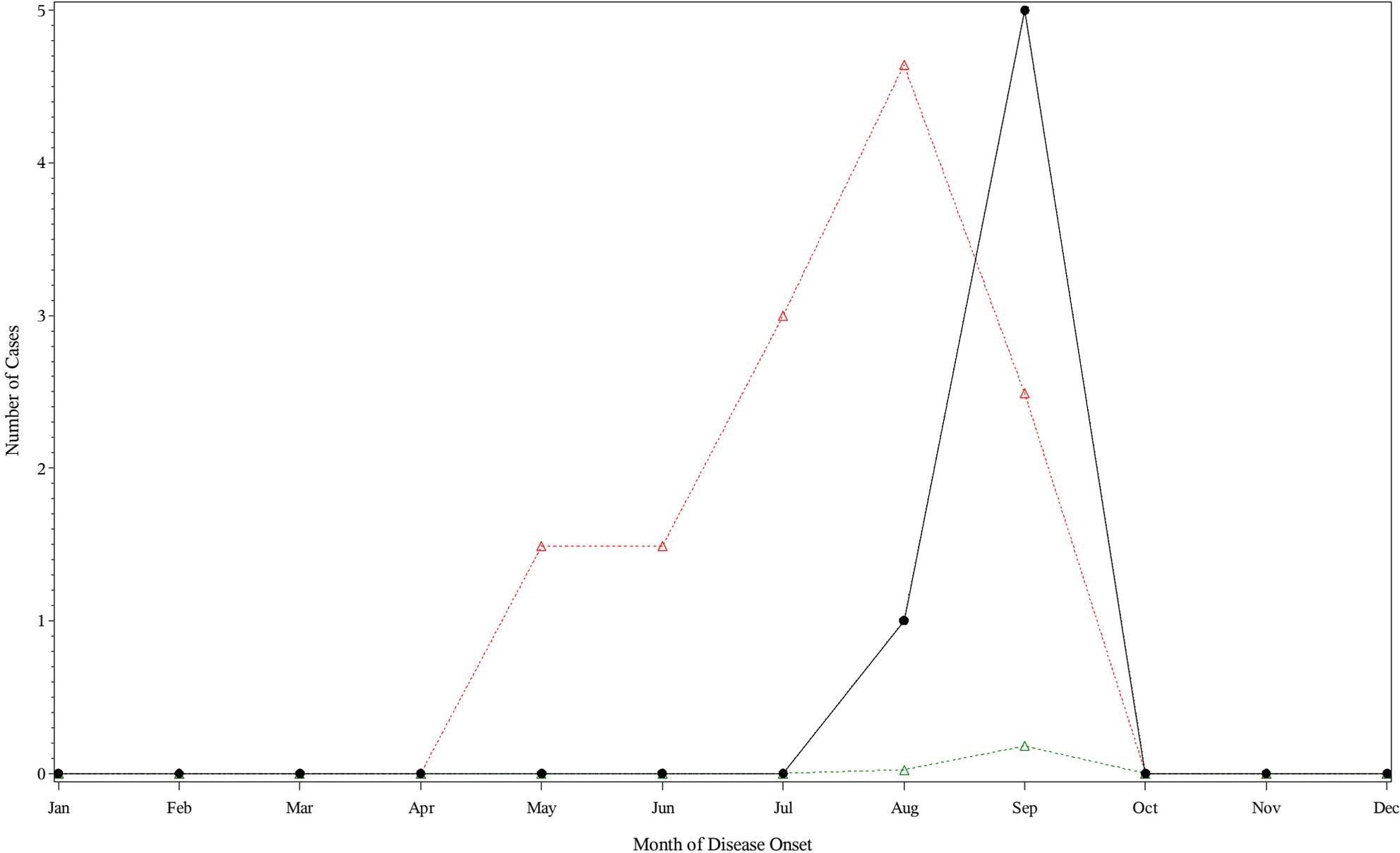


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Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2015

Central LaCrosse Virus Disease

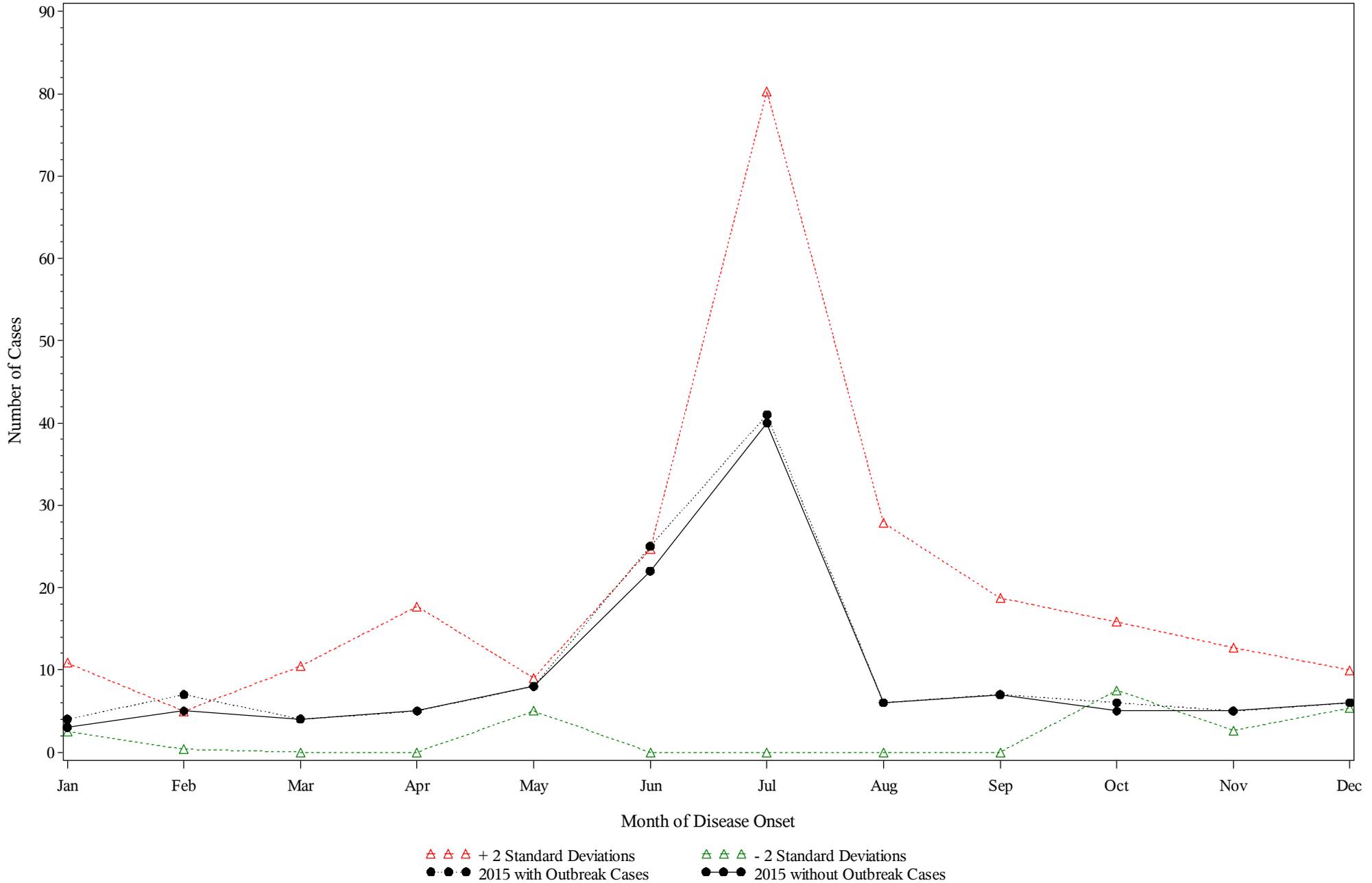


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 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Central Legionellosis



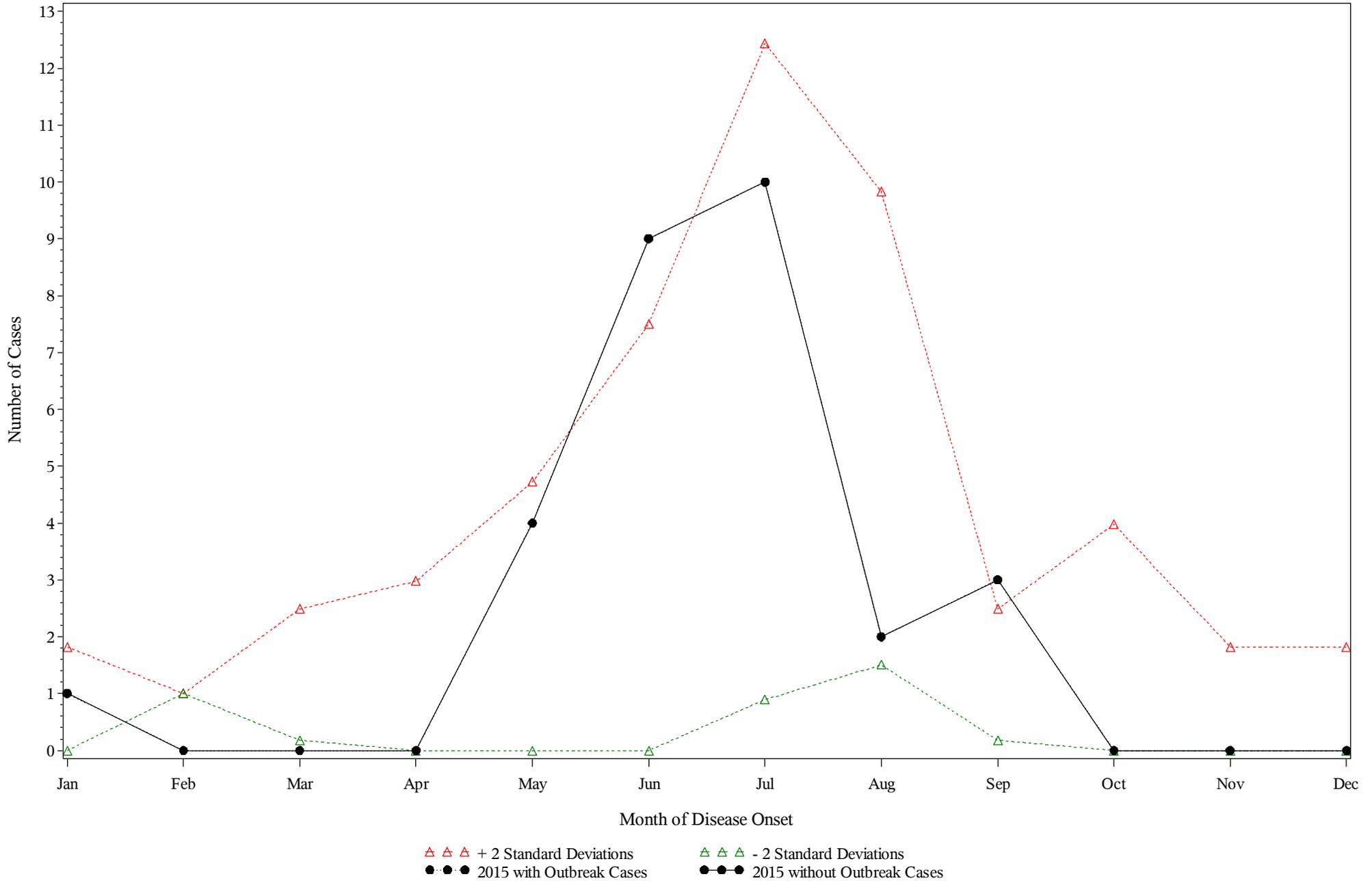
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Central Lyme Disease



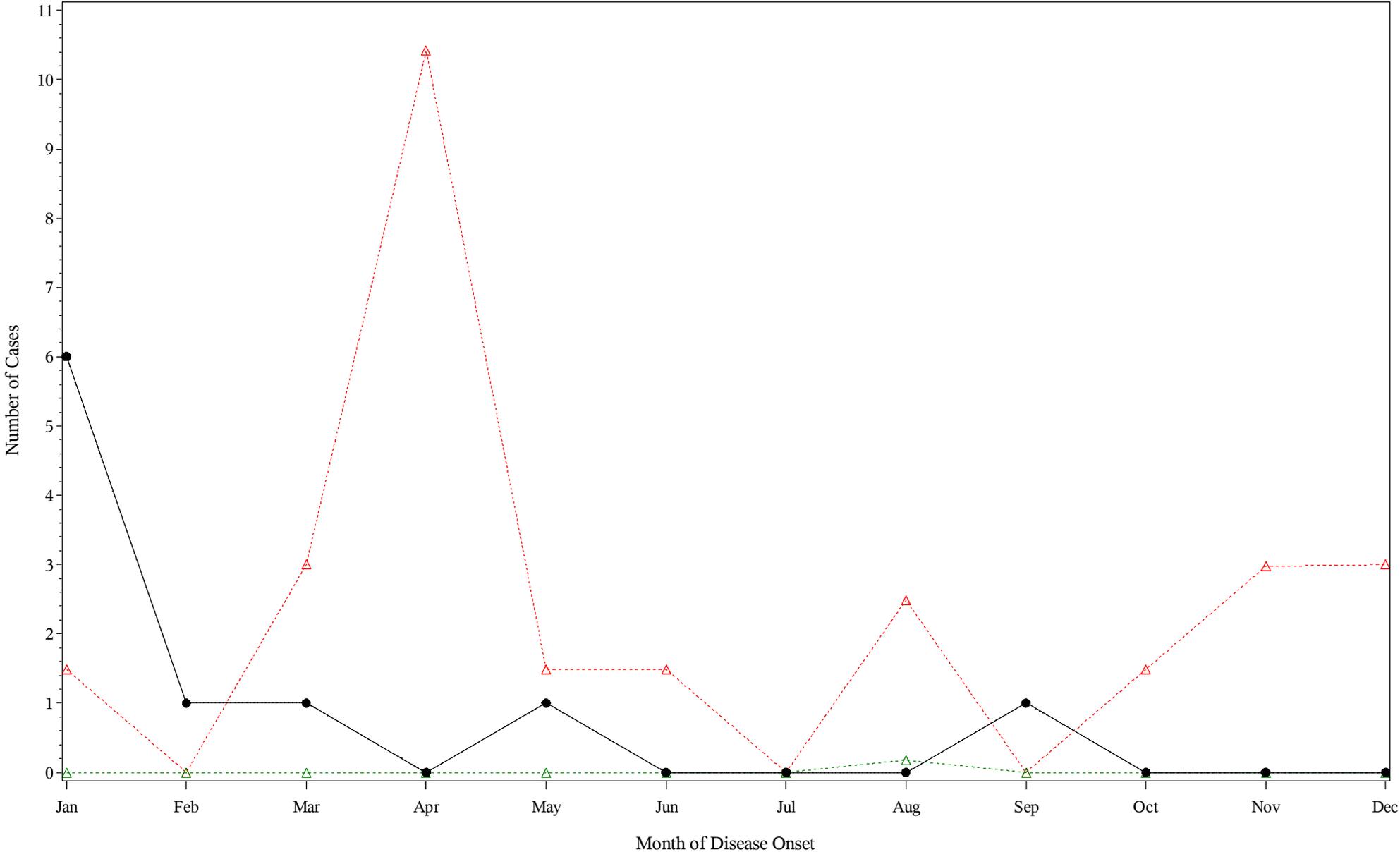
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Central Mumps

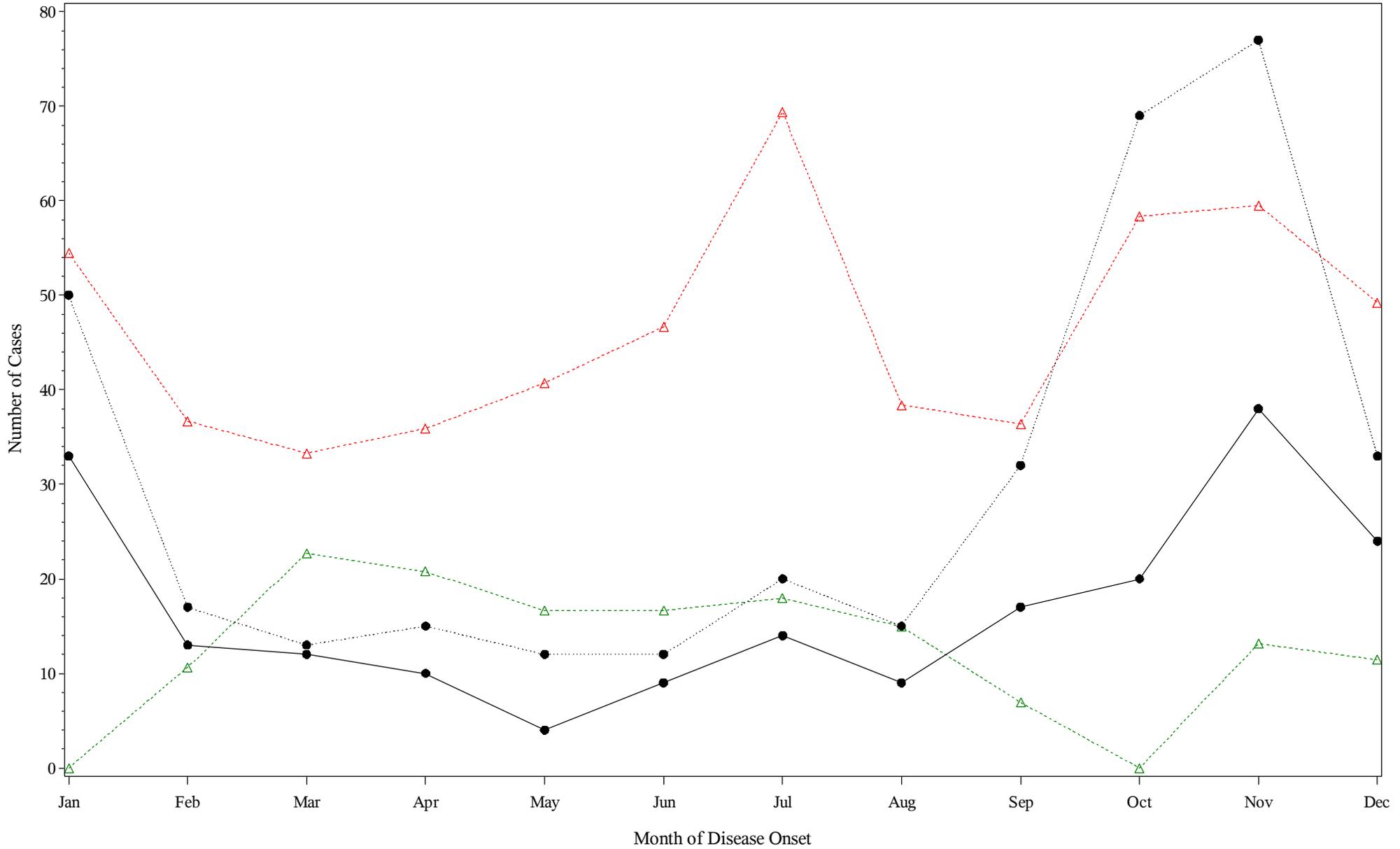


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Central Pertussis



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

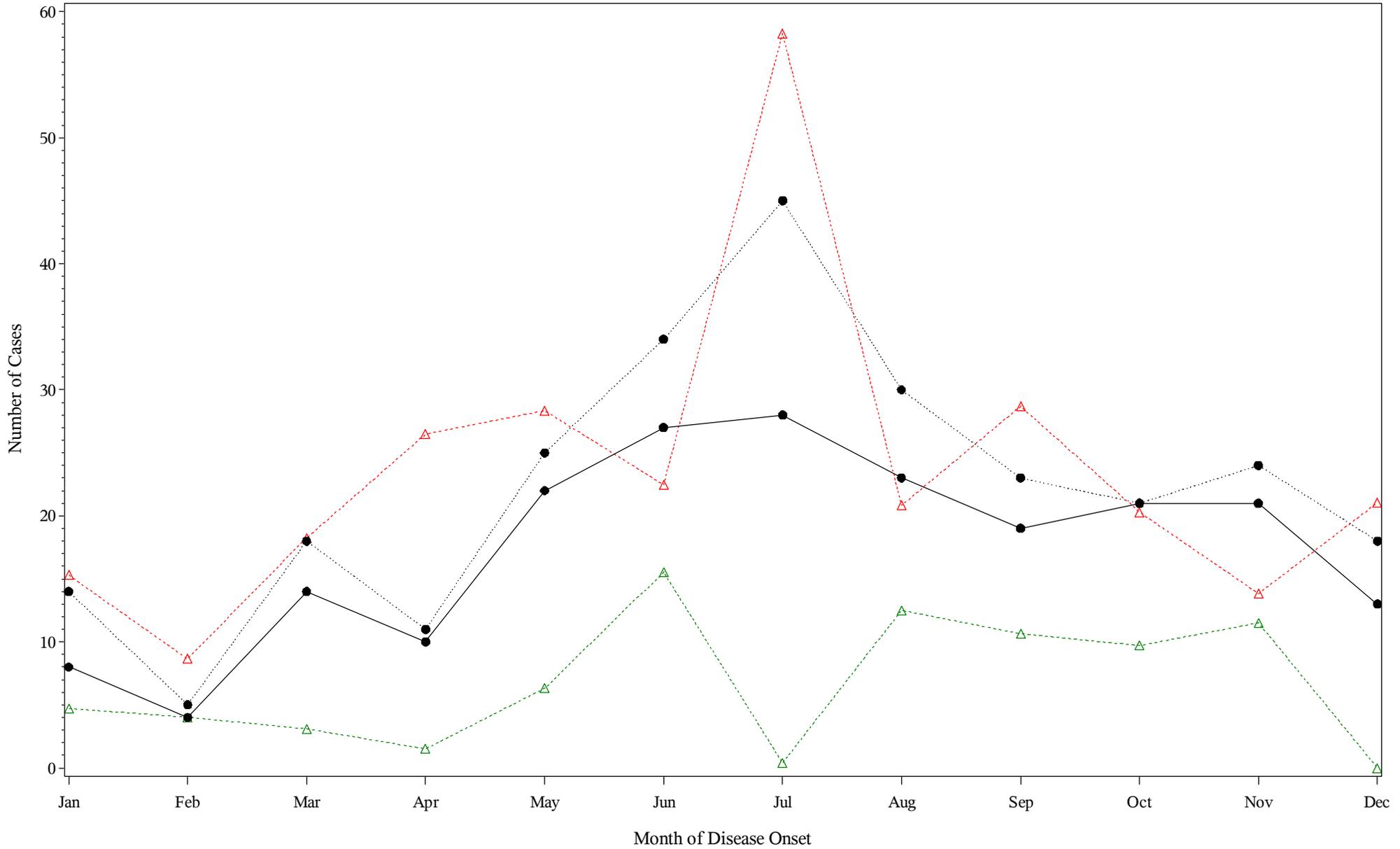
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Central Salmonellosis



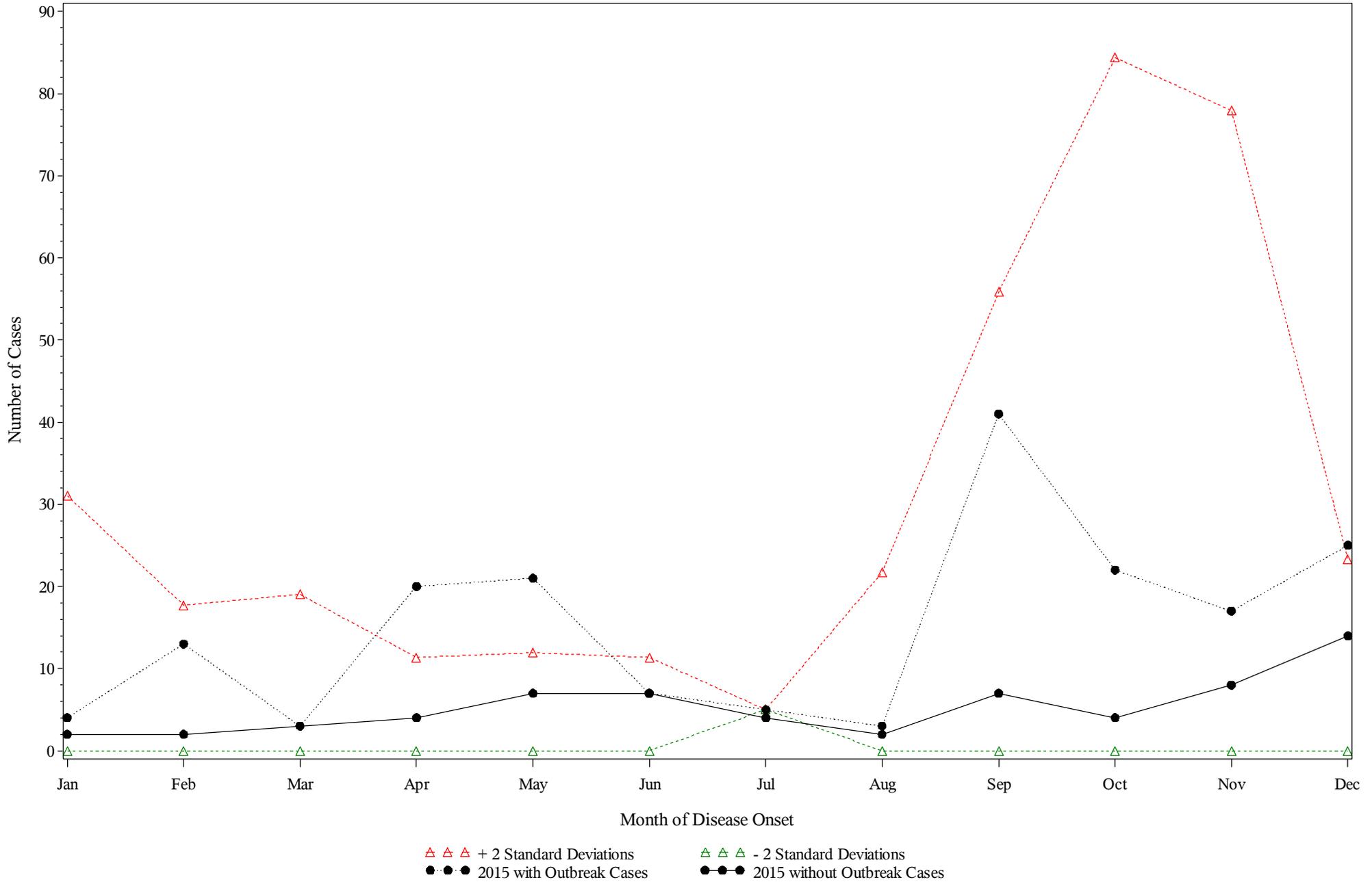
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Central Shigellosis



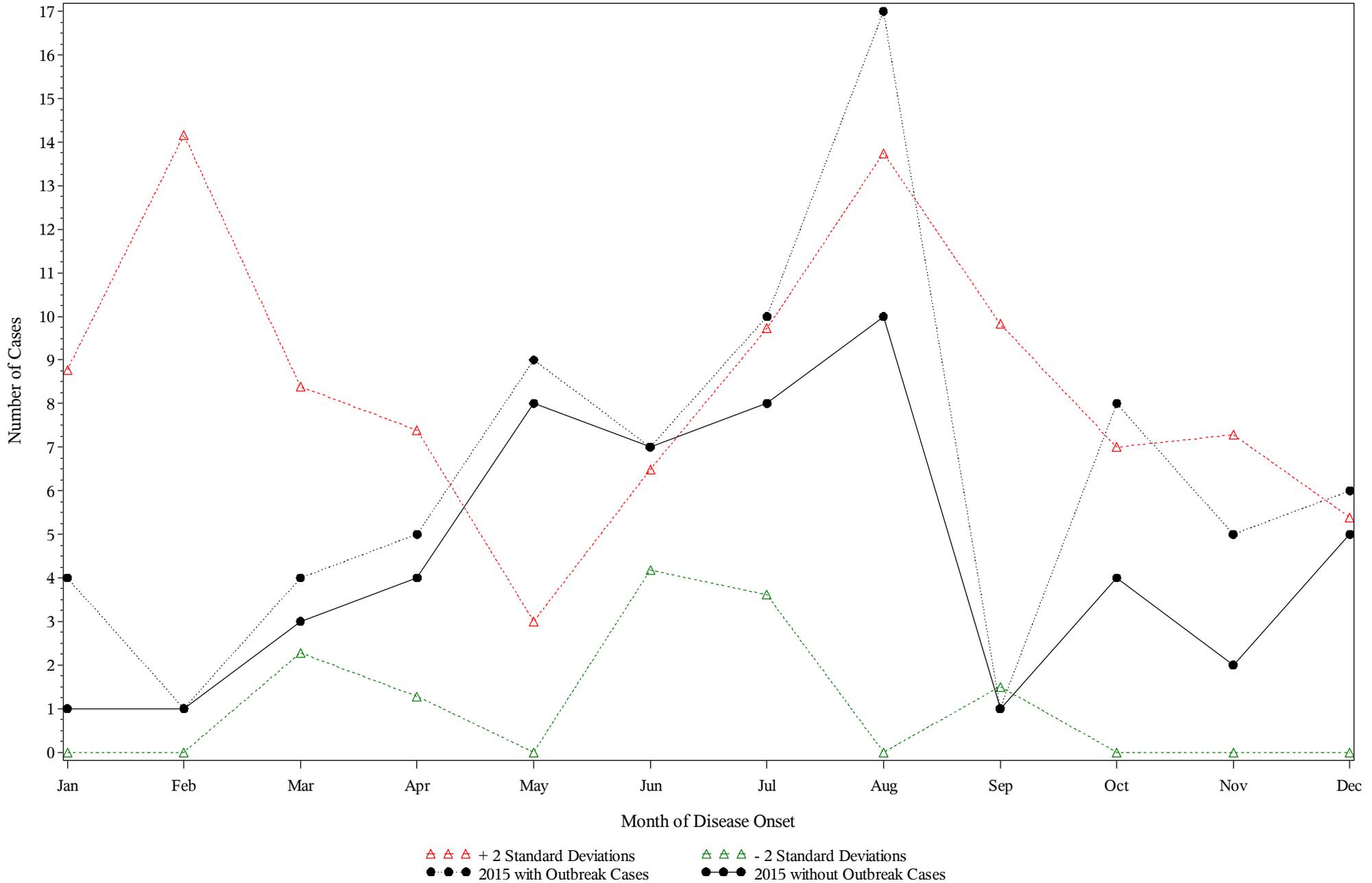
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Central Shiga Toxin-Producing Escherichia coli



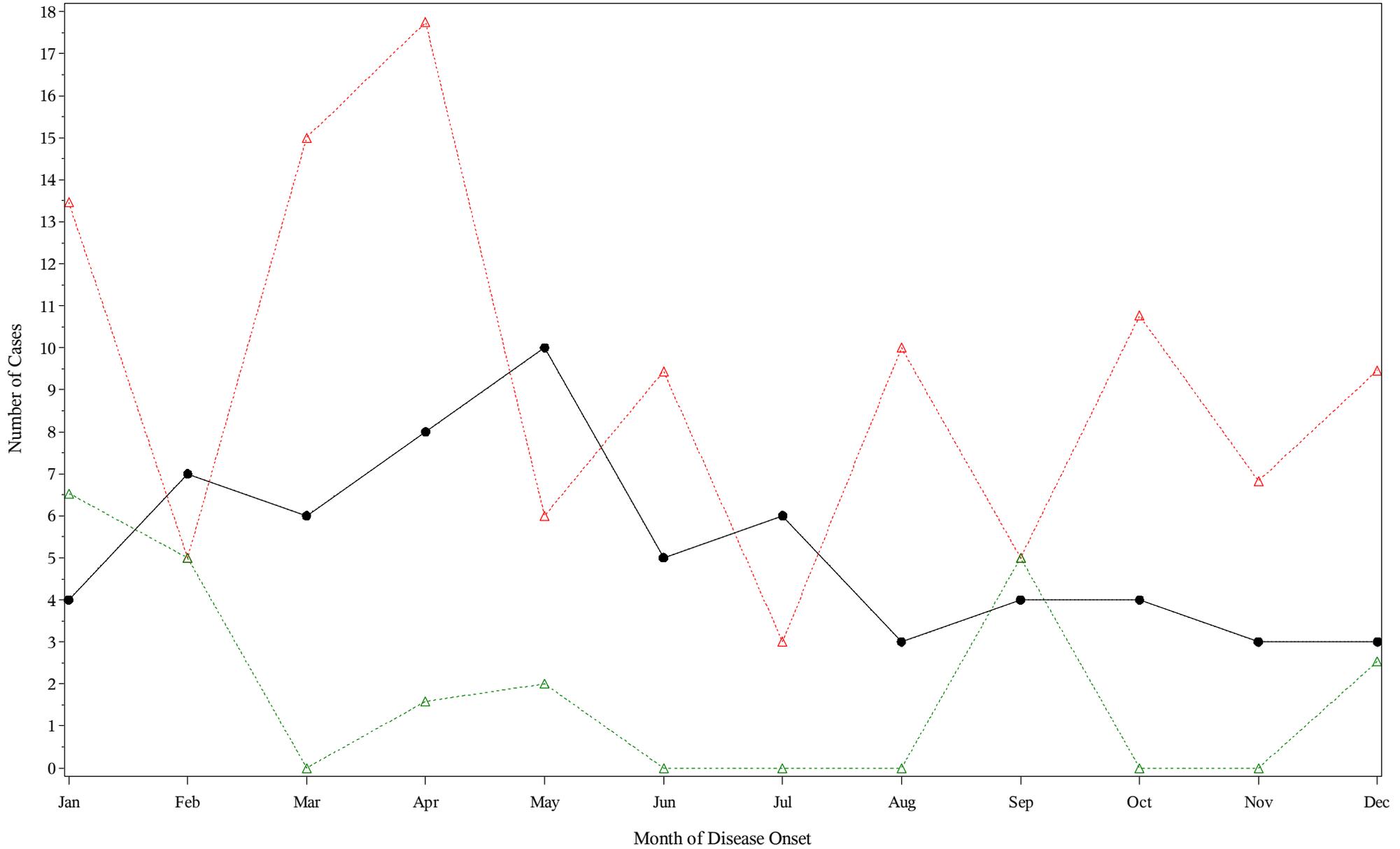
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Central Streptococcal Disease, Group A, Invasive

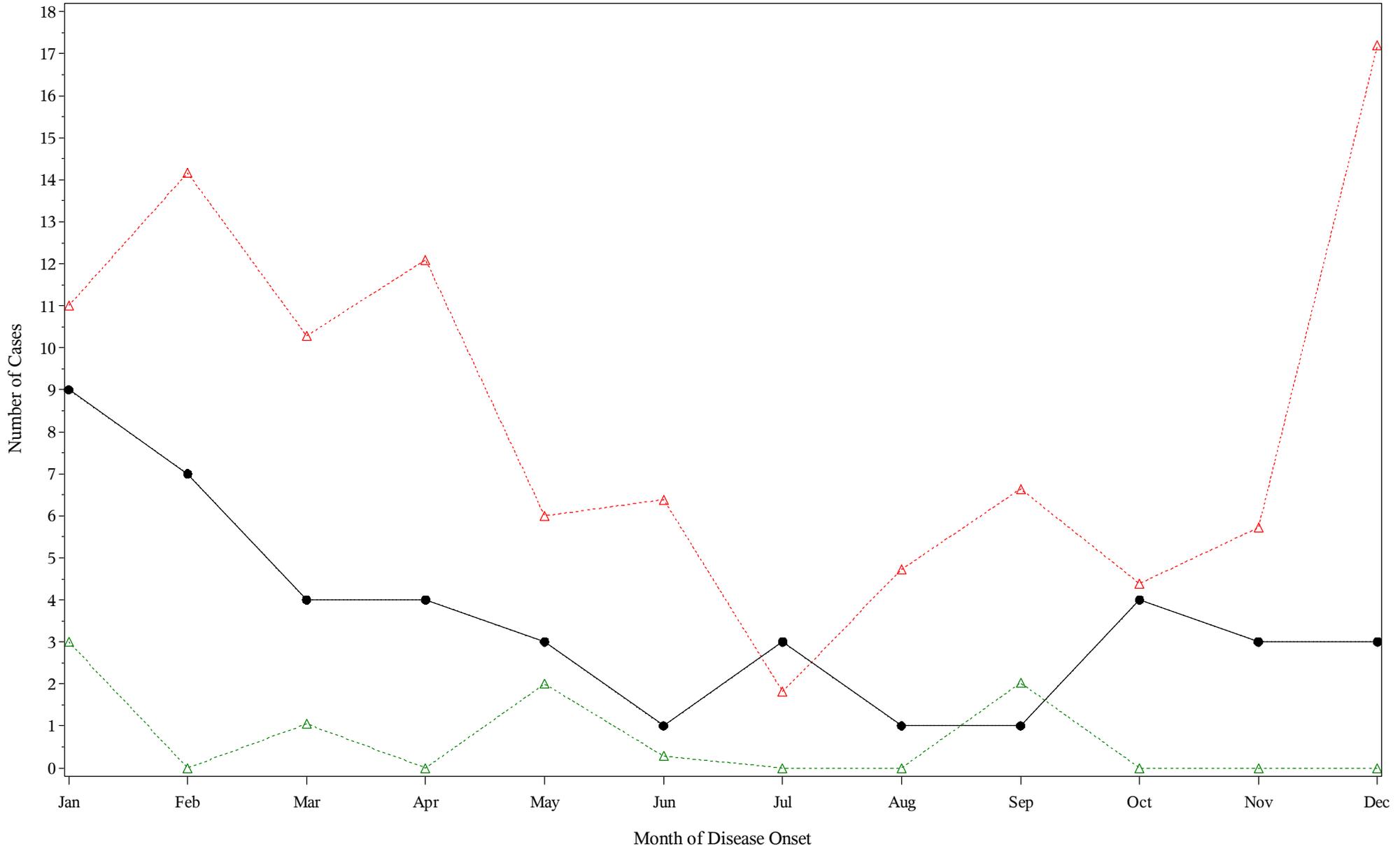


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 Current as of 01/26/2016
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Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2015

Central Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate



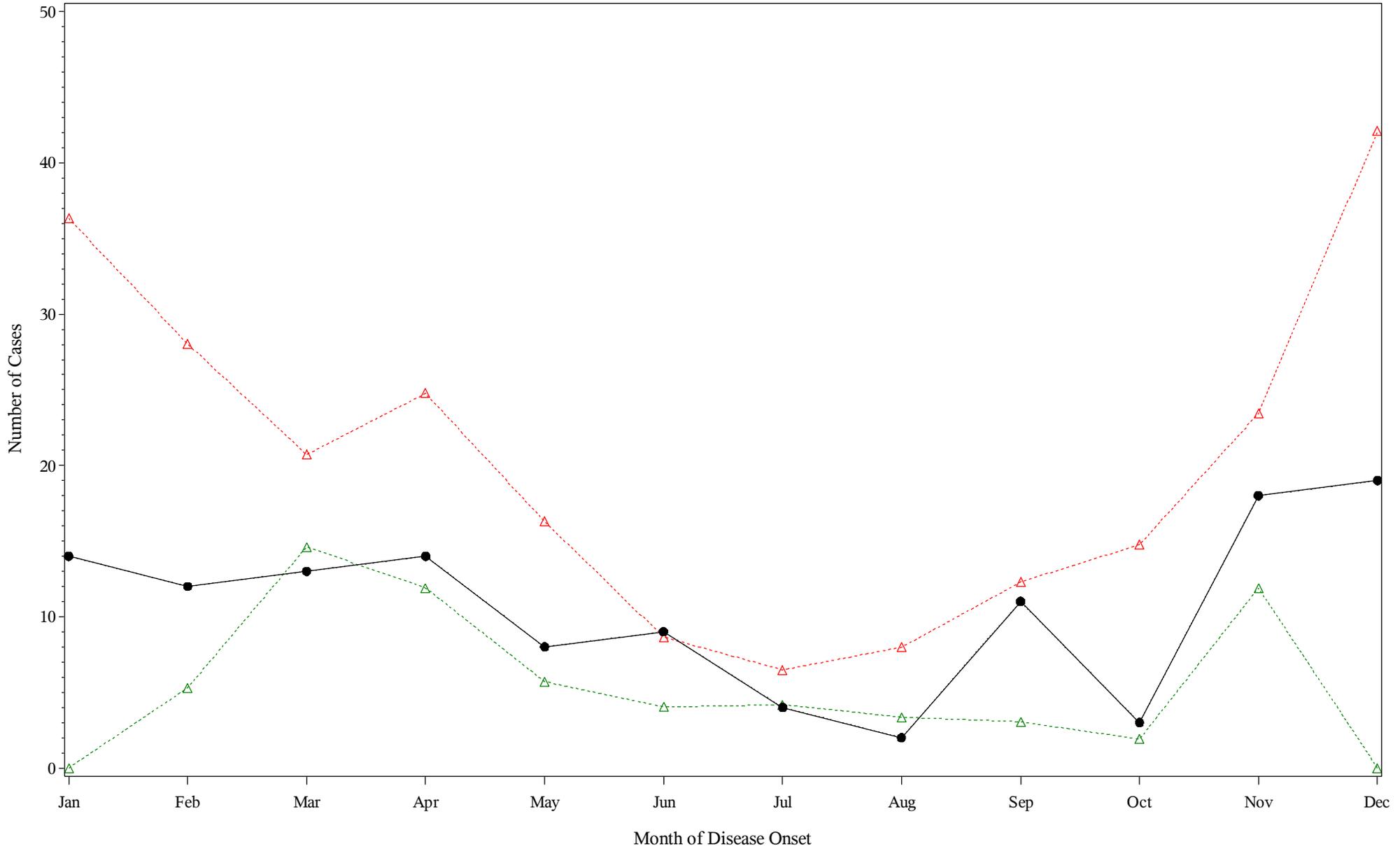
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Quarterly Surveillance Trends by Ohio Public Health Region and Disease, 2015

Central Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown



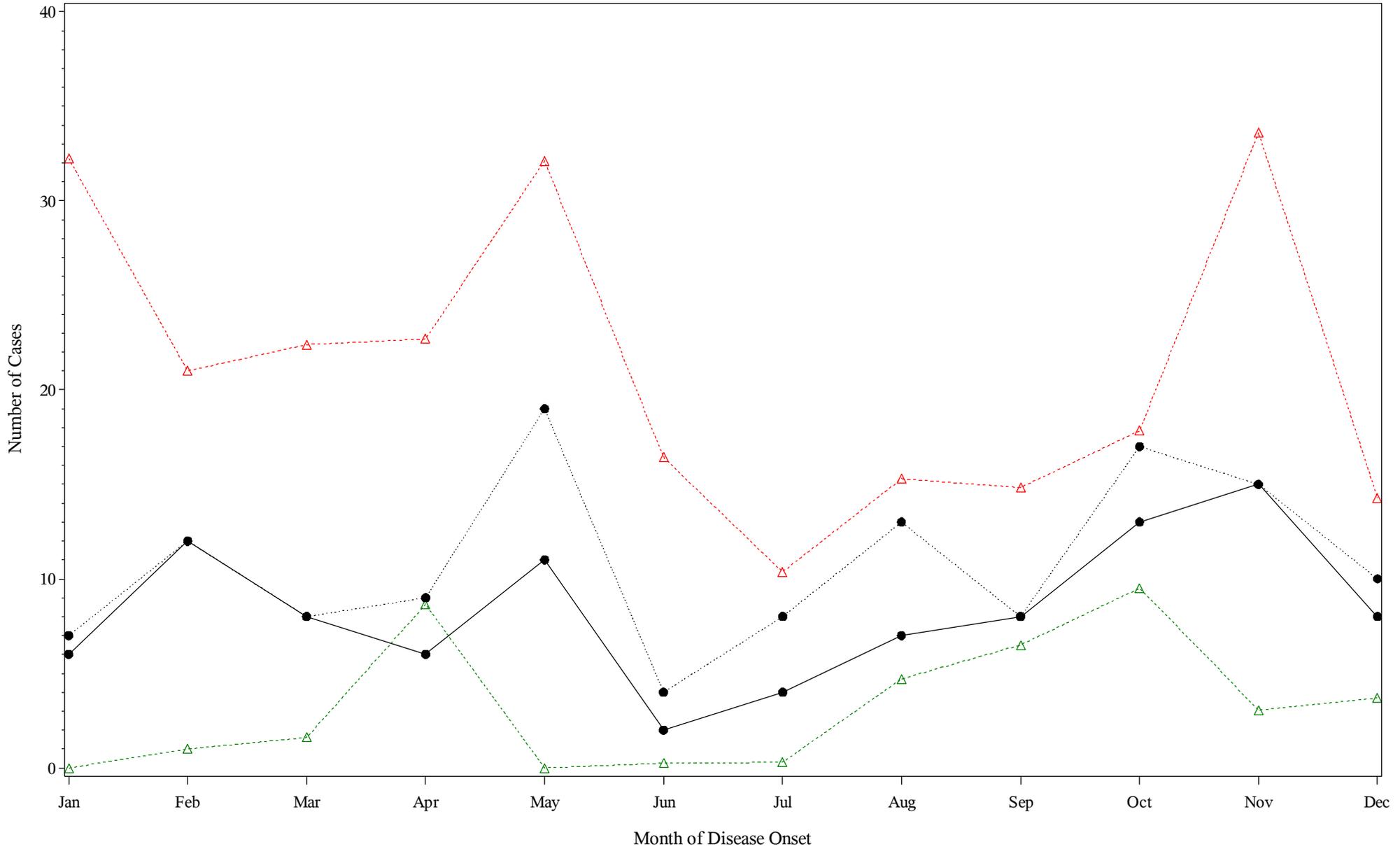
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Source: Ohio Department of Health Bureau of Infectious Diseases

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

Central Varicella

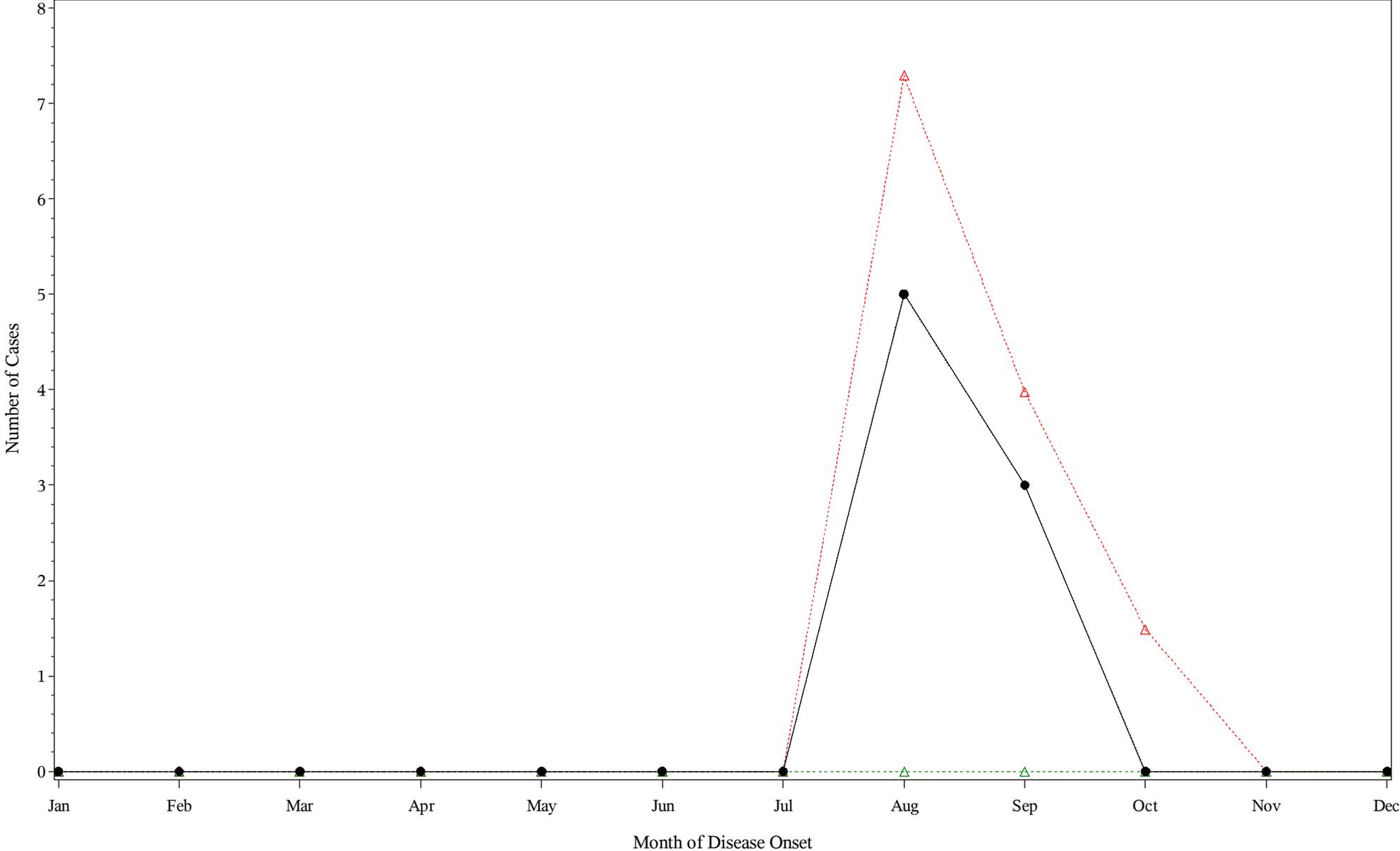


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Central West Nile Virus Disease

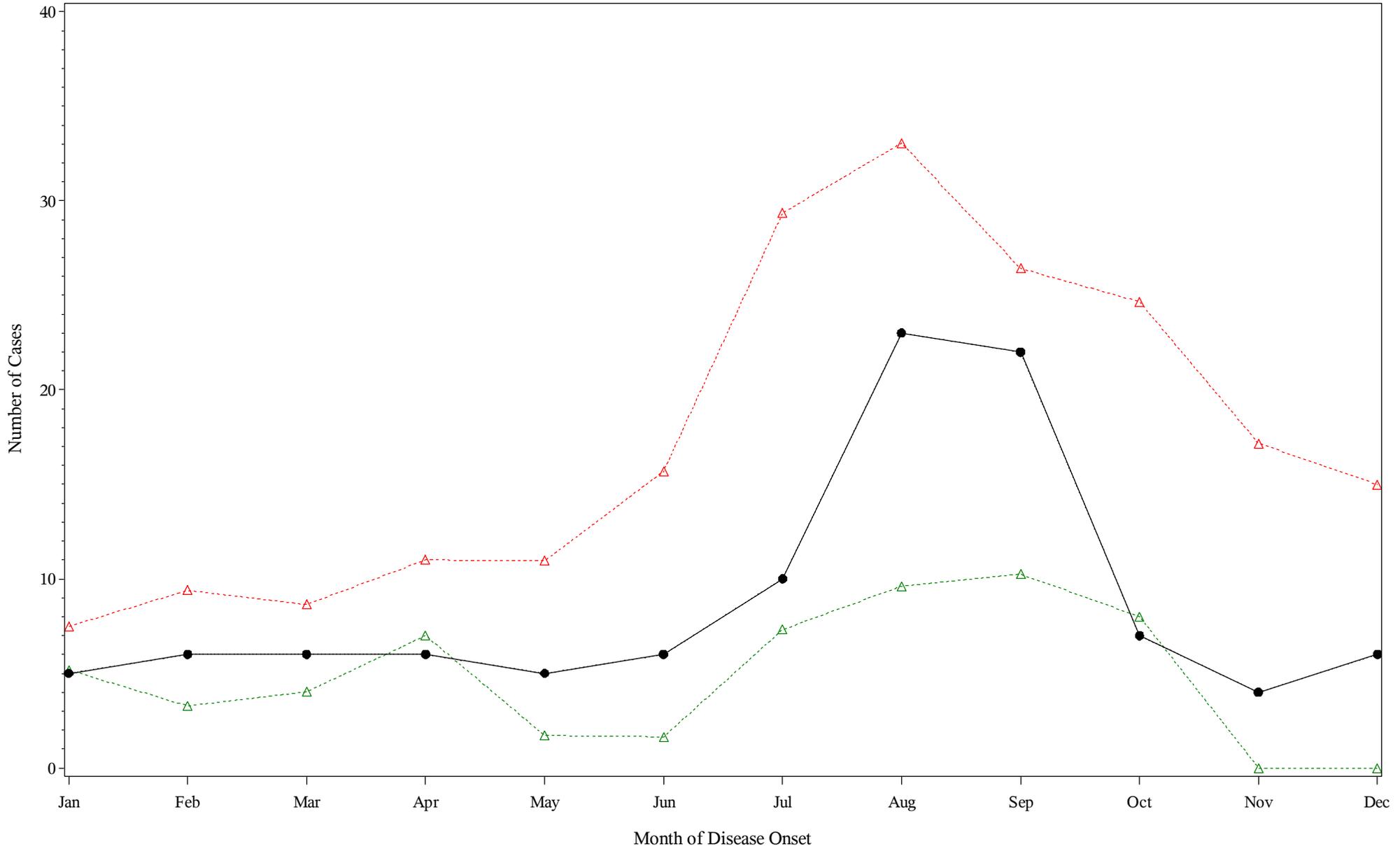


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East Central Aseptic Meningitis



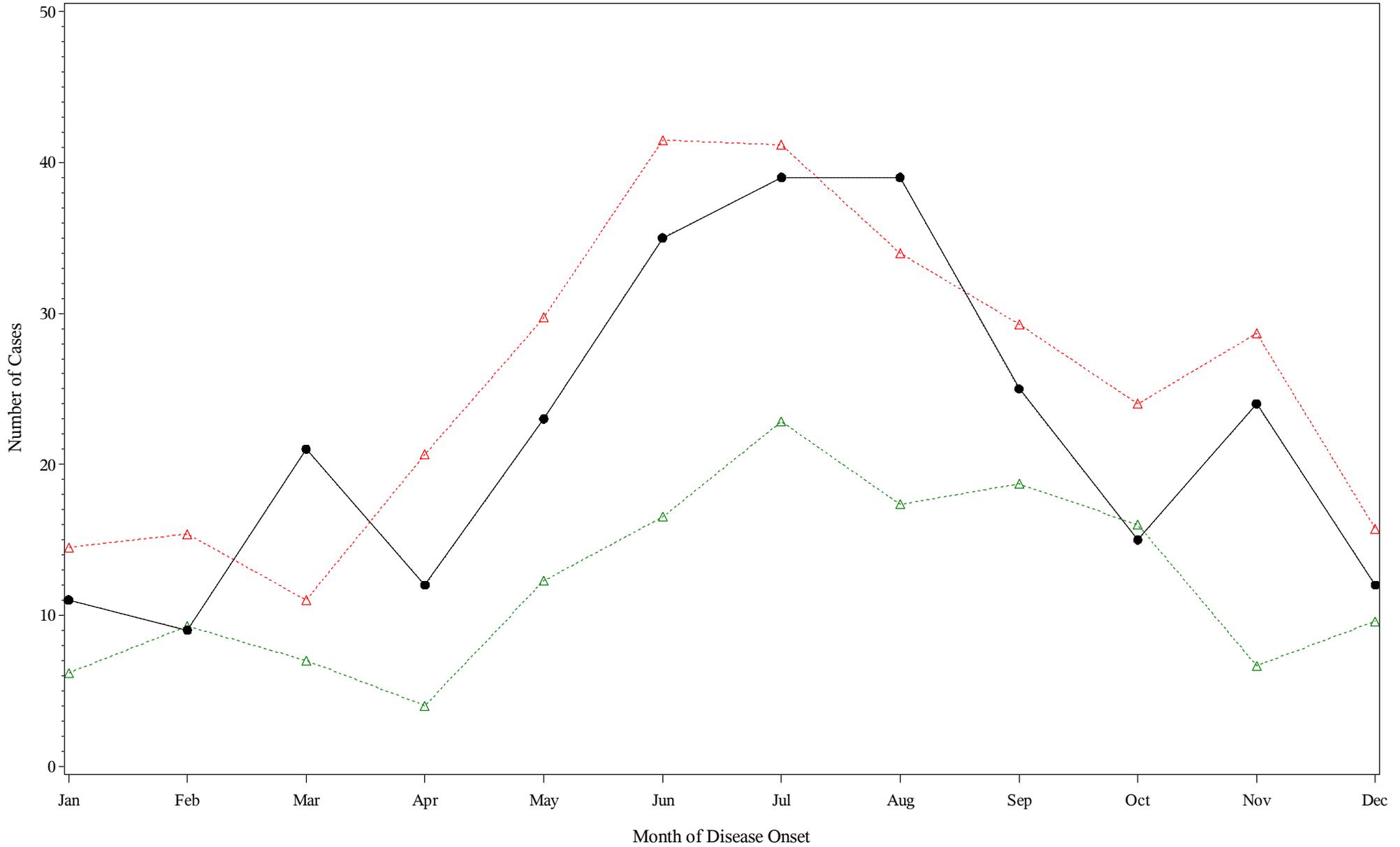
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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Campylobacteriosis

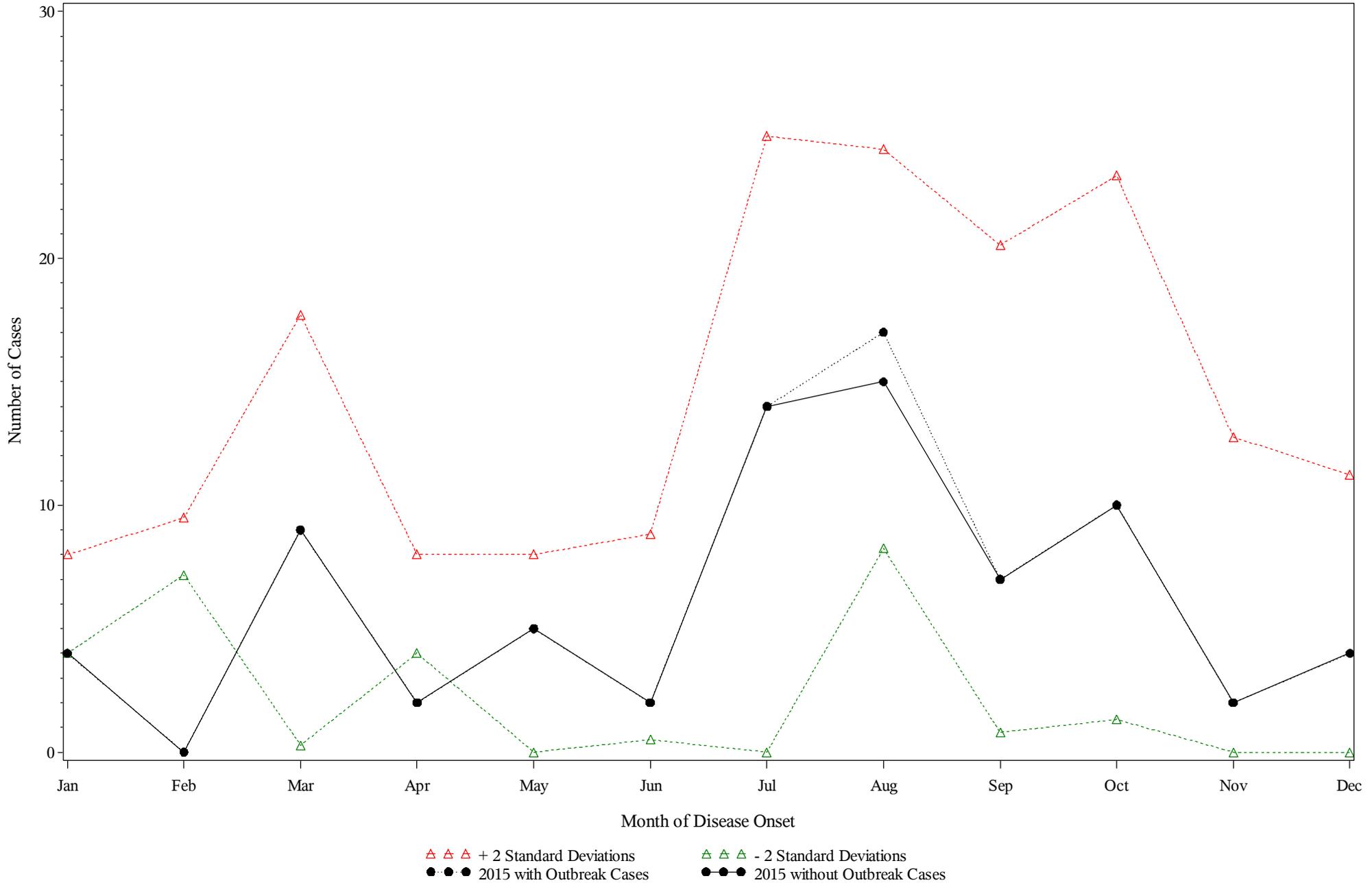


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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Cryptosporidiosis



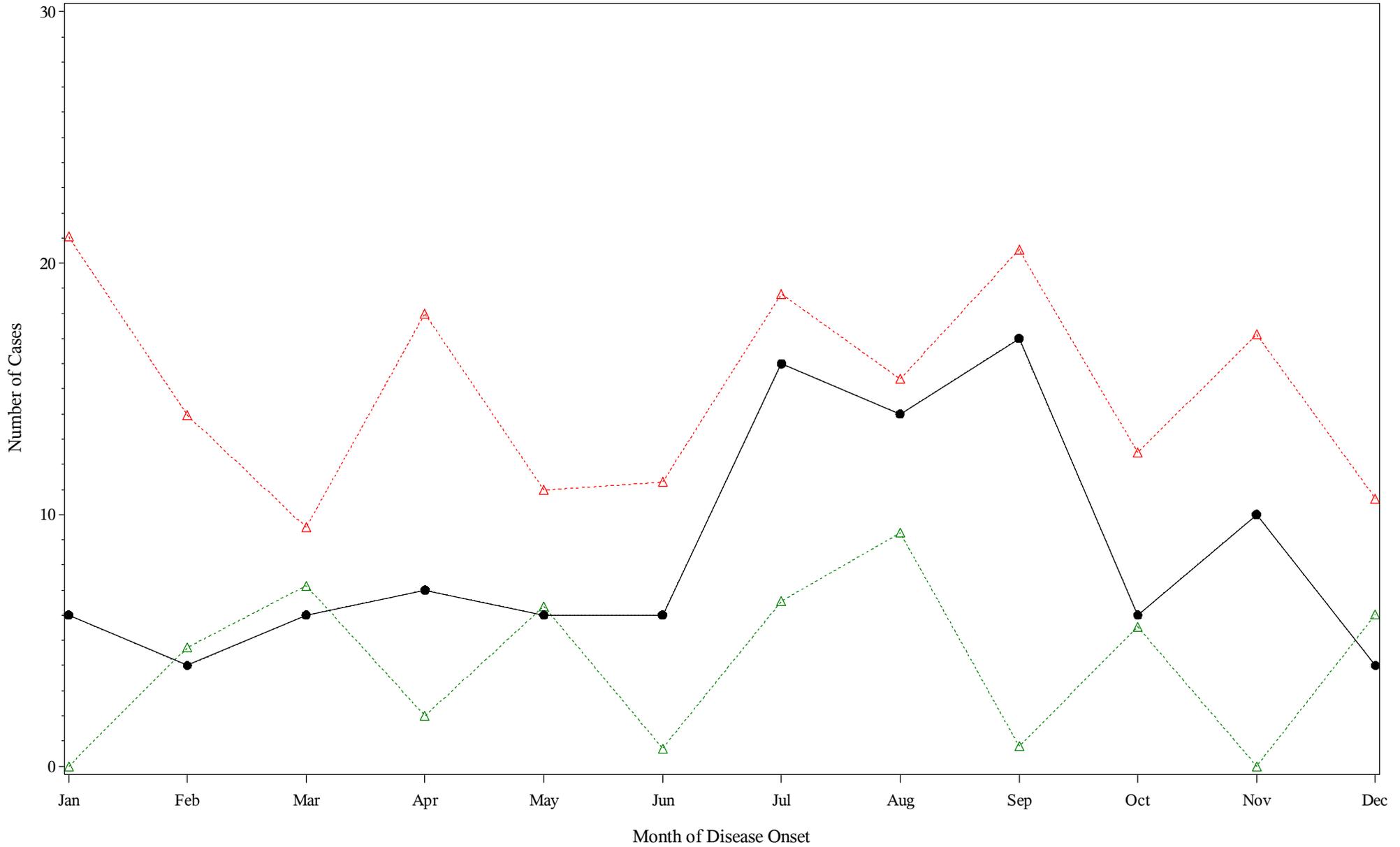
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Giardiasis



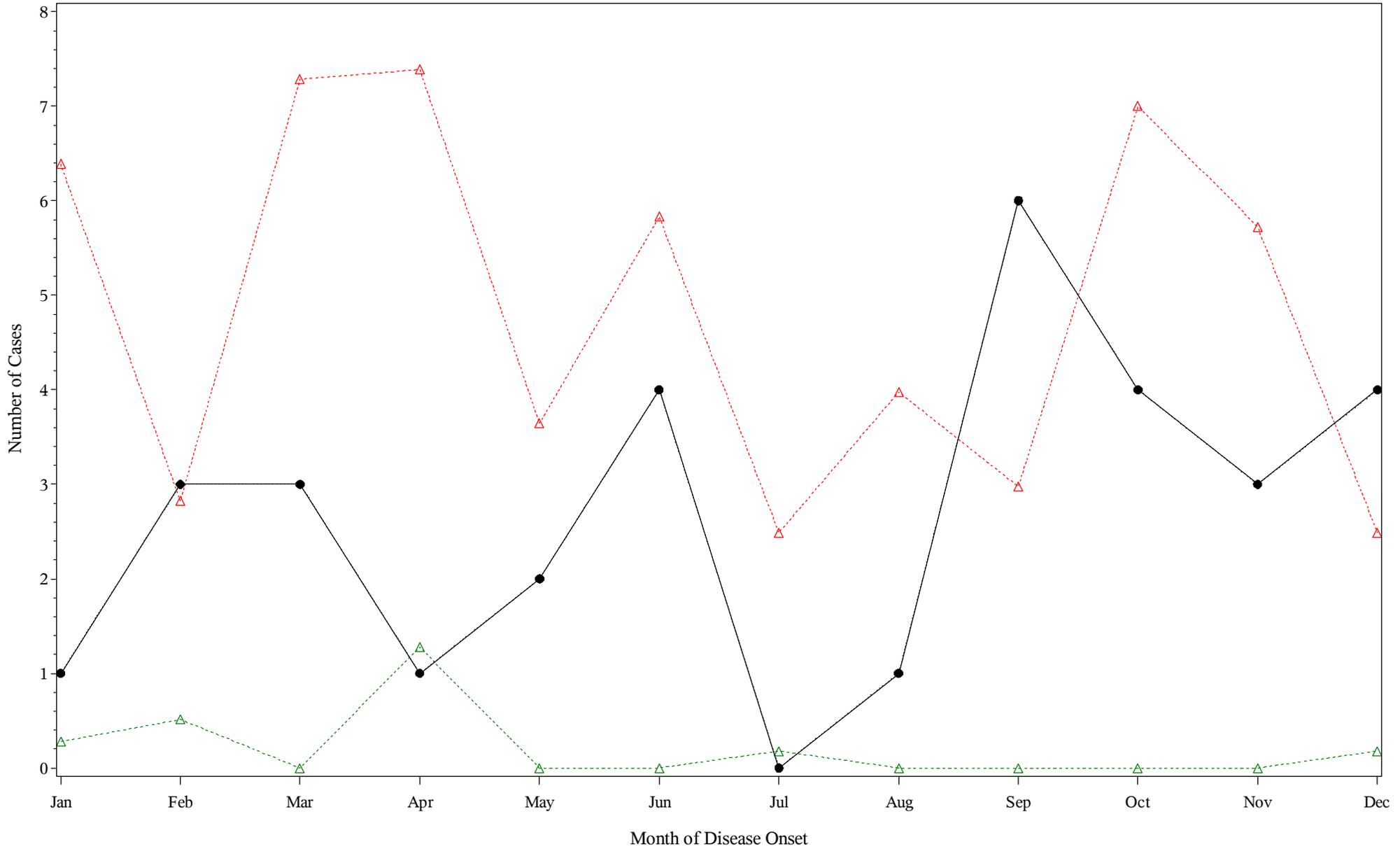
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Haemophilus influenzae, Invasive



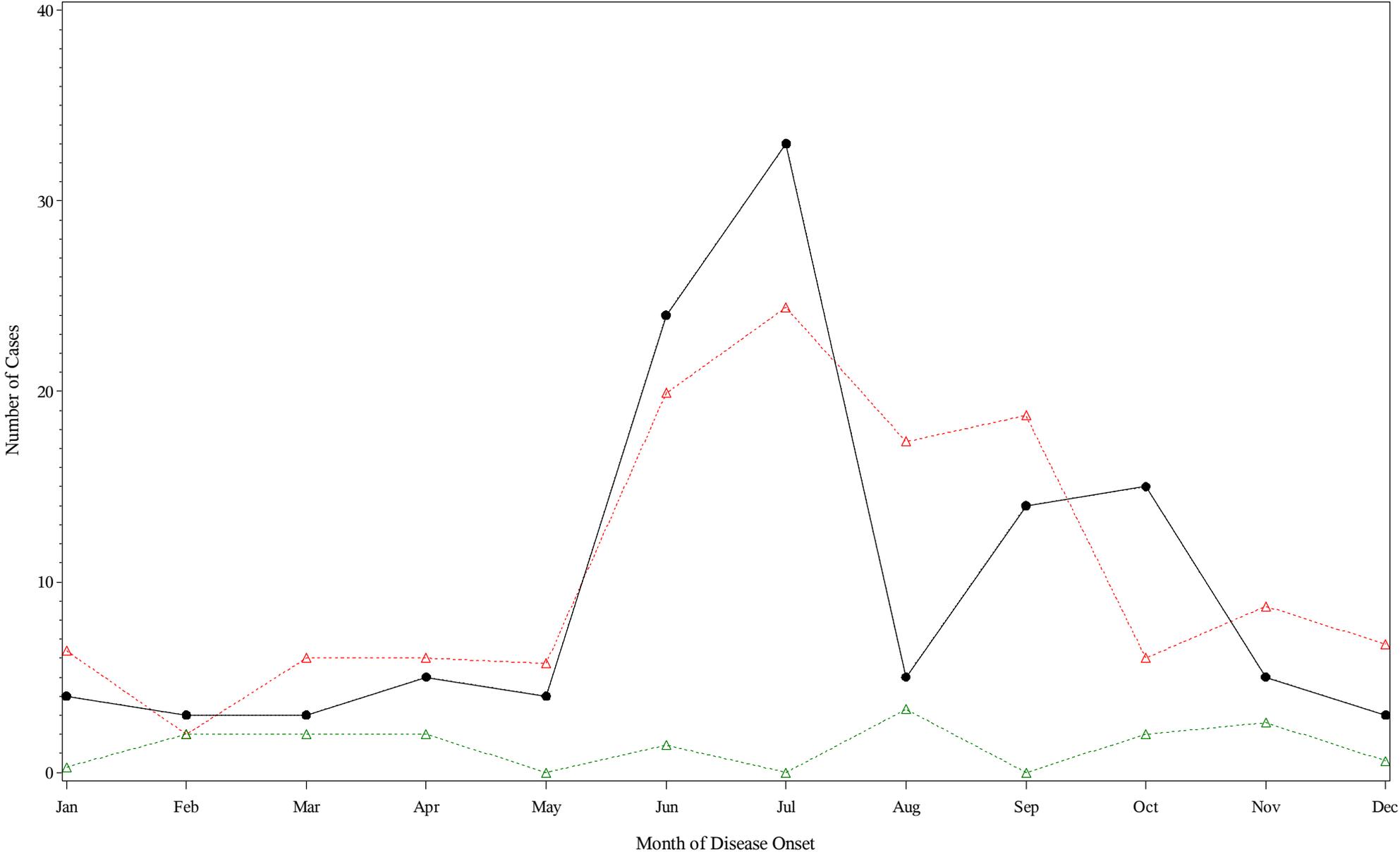
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Legionellosis

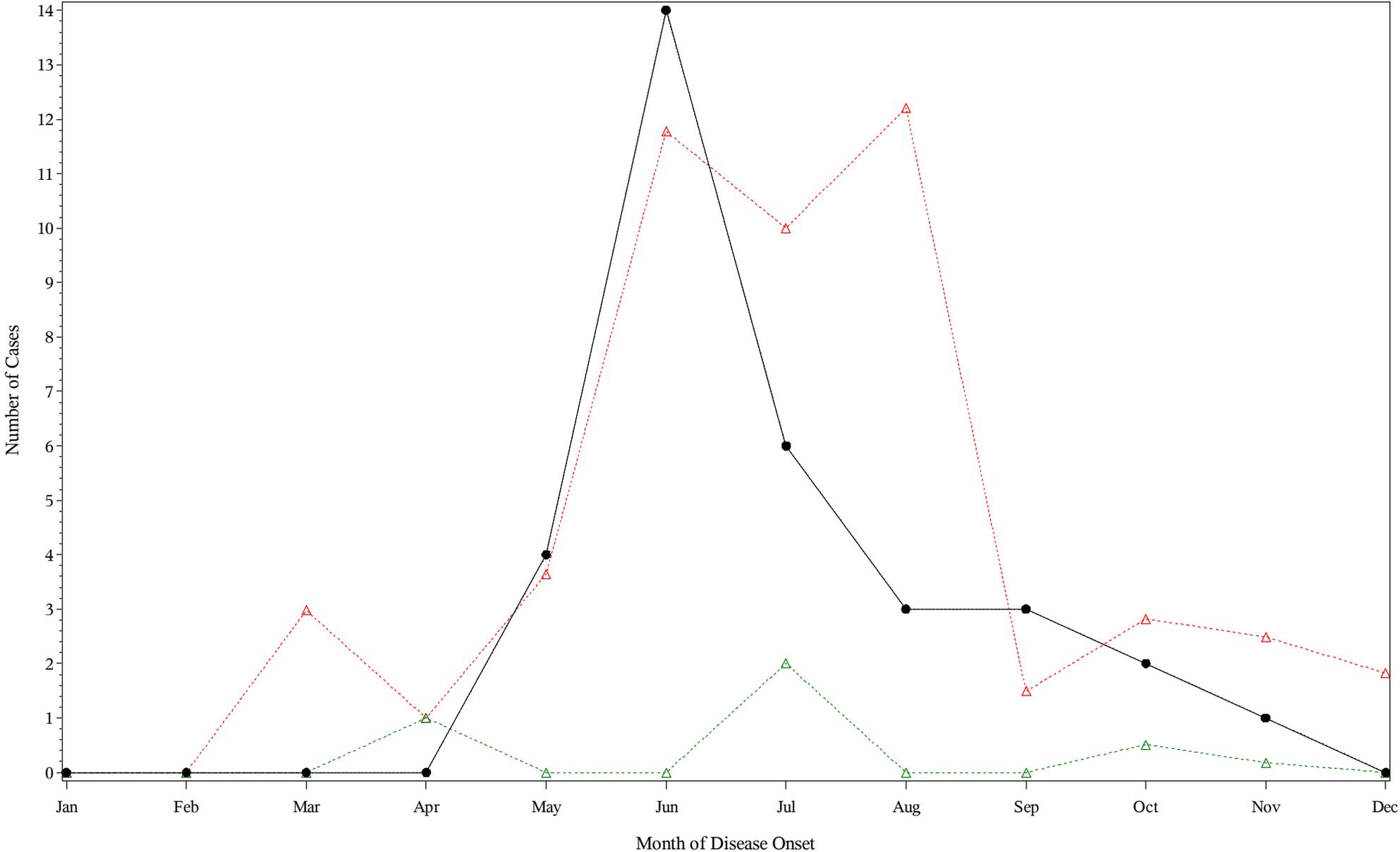


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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Lyme Disease

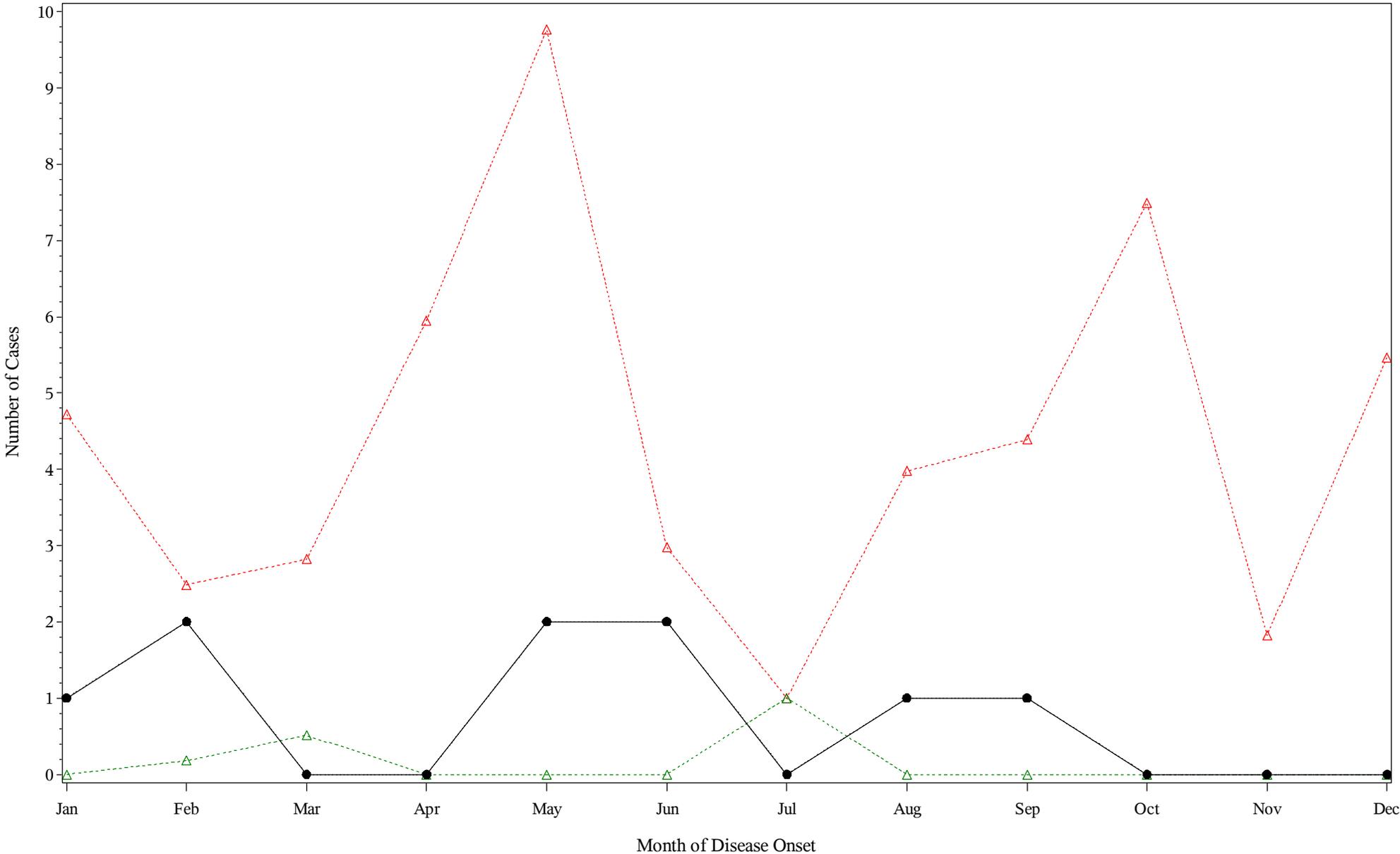


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● ● ● 2015 with Outbreak Cases
 ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Bacterial Meningitis

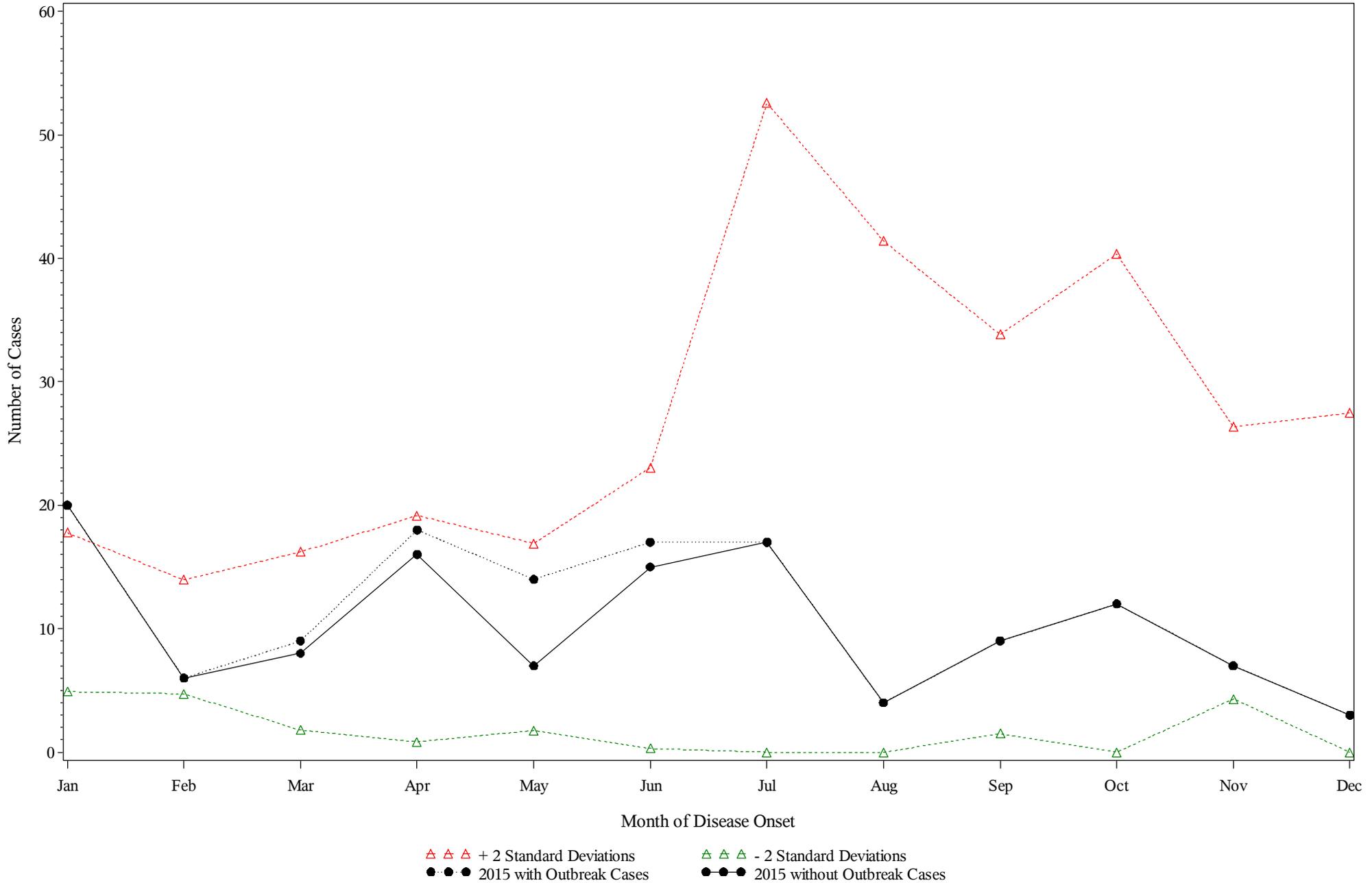


△ △ △ + 2 Standard Deviations
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● ● ● 2015 with Outbreak Cases
 ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Pertussis



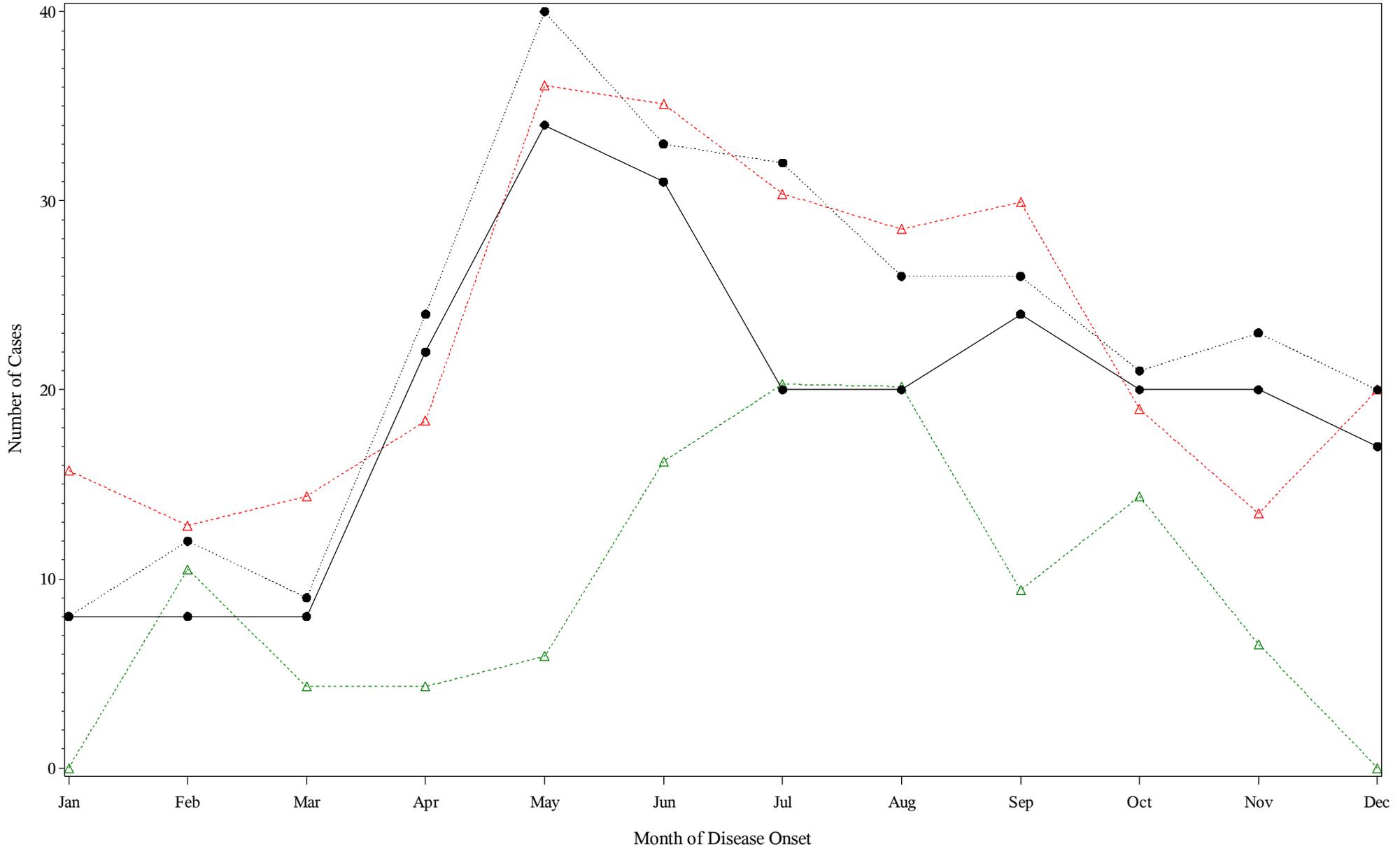
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Salmonellosis



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

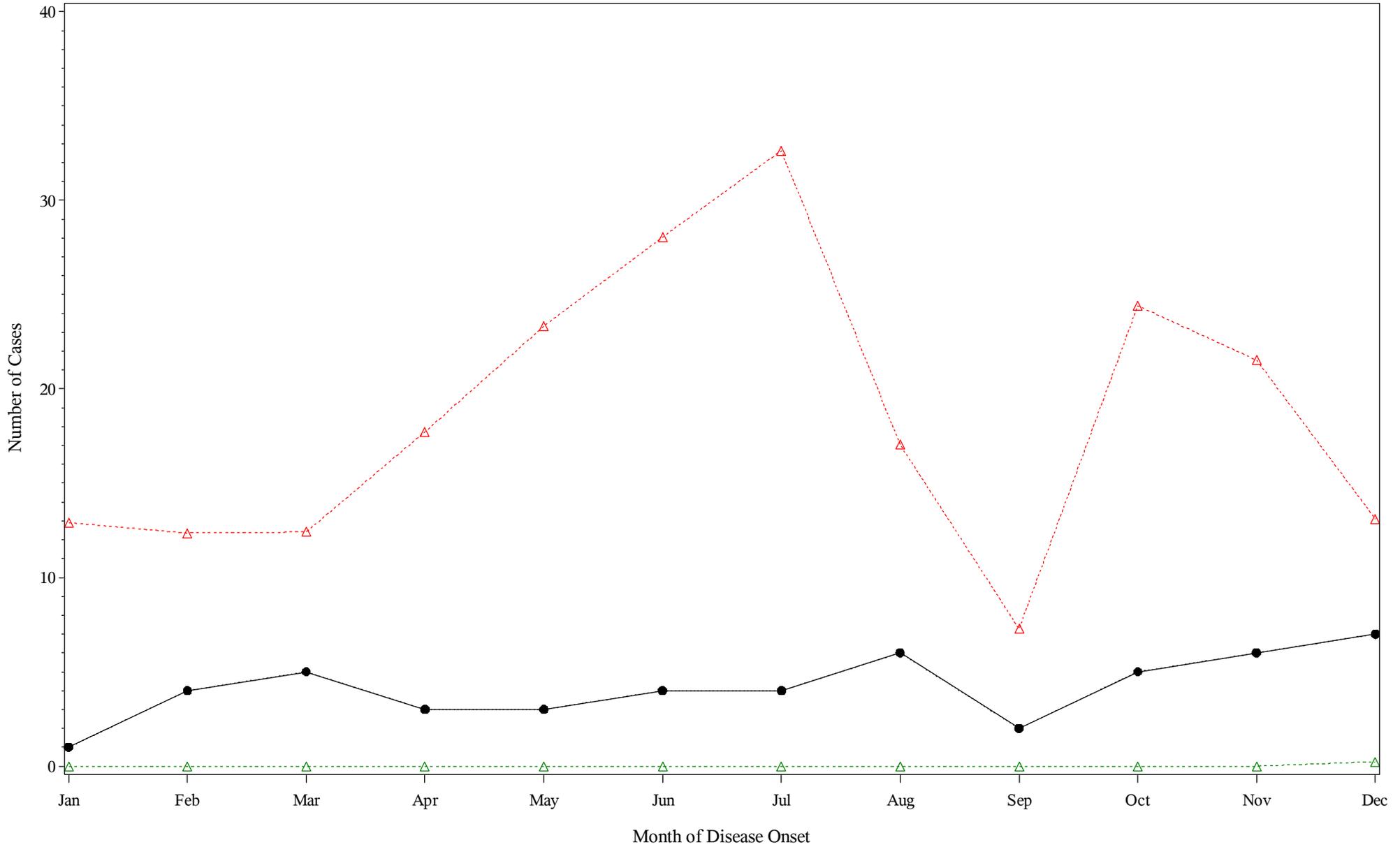
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Shigellosis

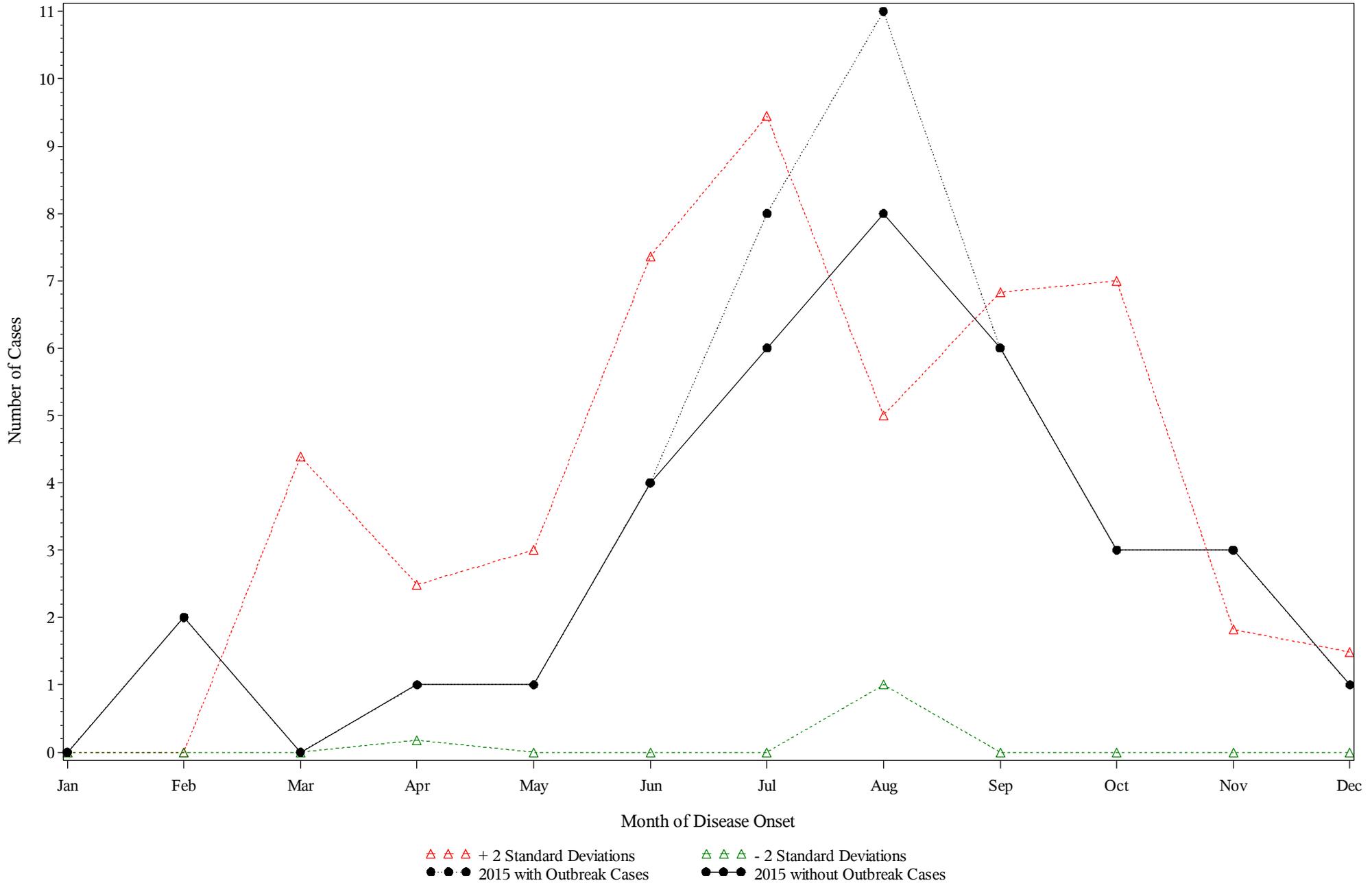


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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Shiga Toxin-Producing Escherichia coli



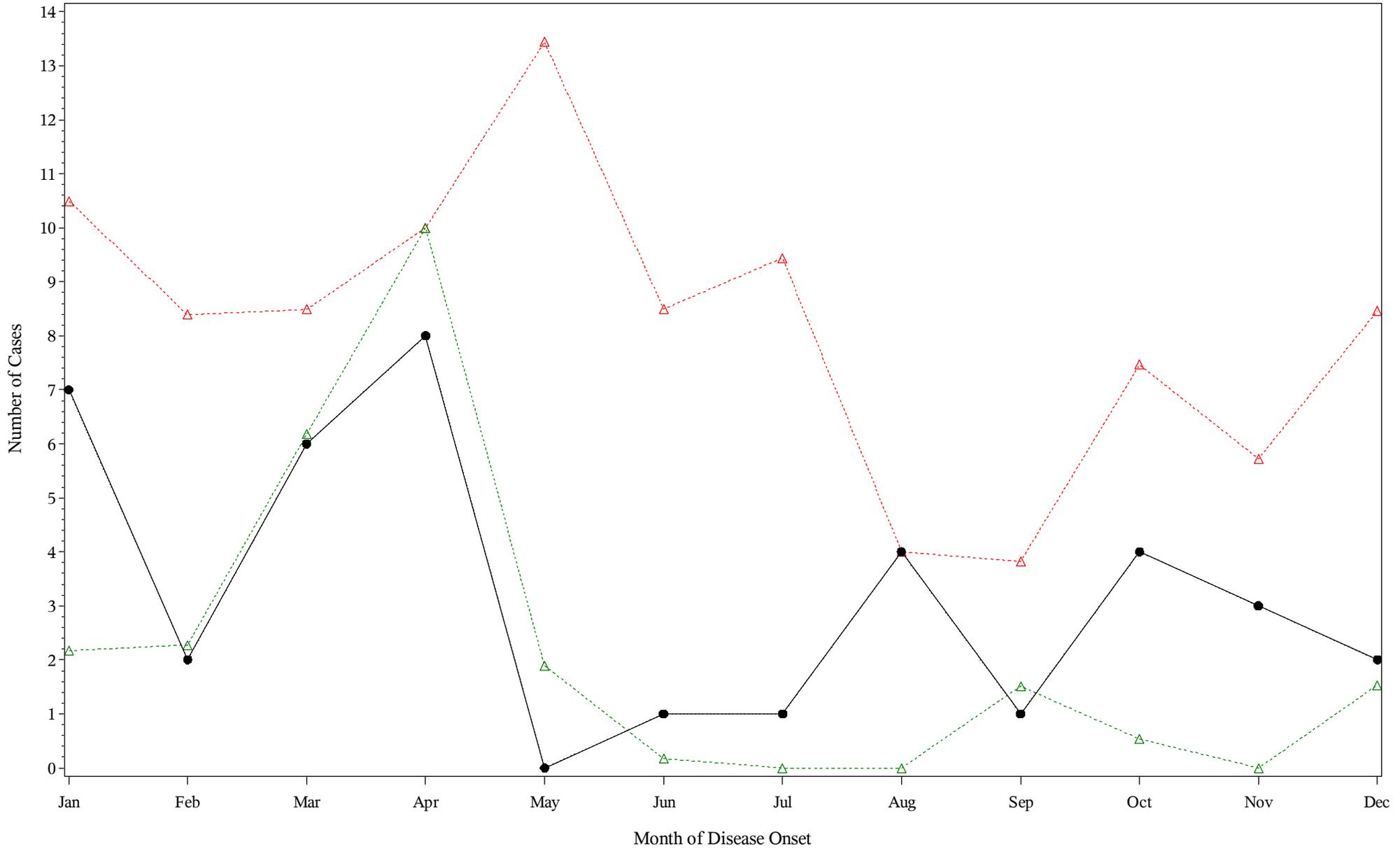
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Streptococcal Disease, Group A, Invasive

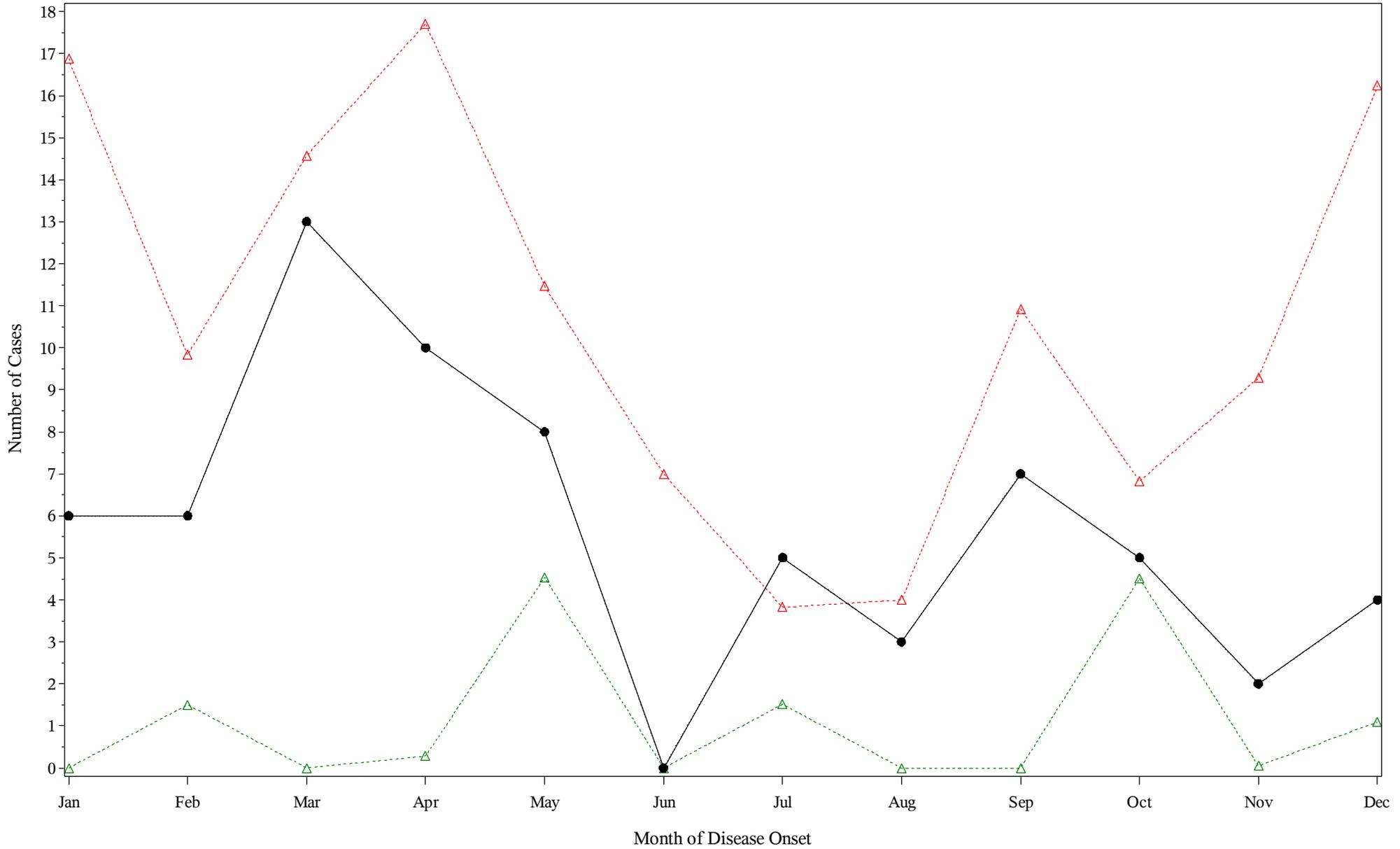


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate

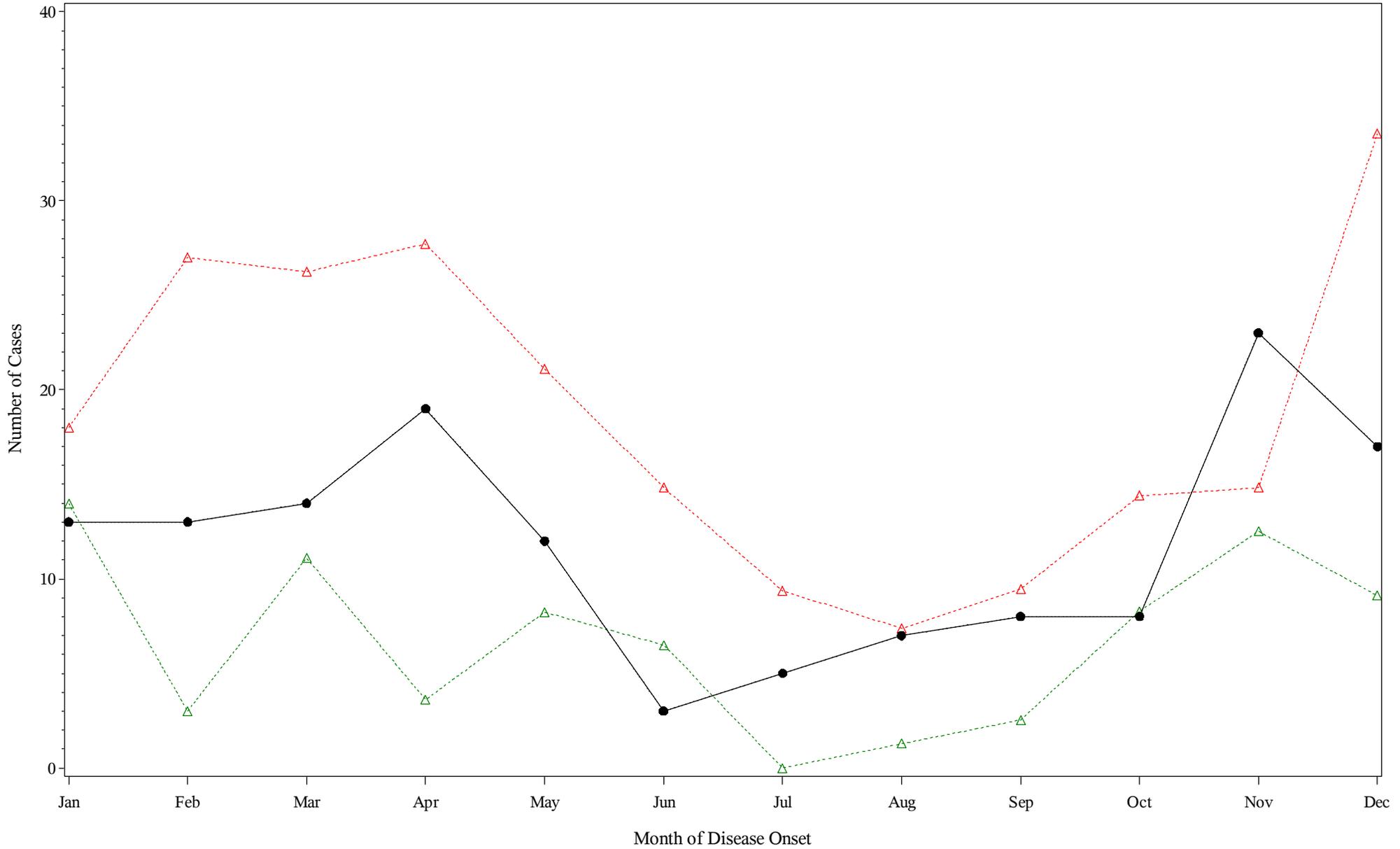


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown

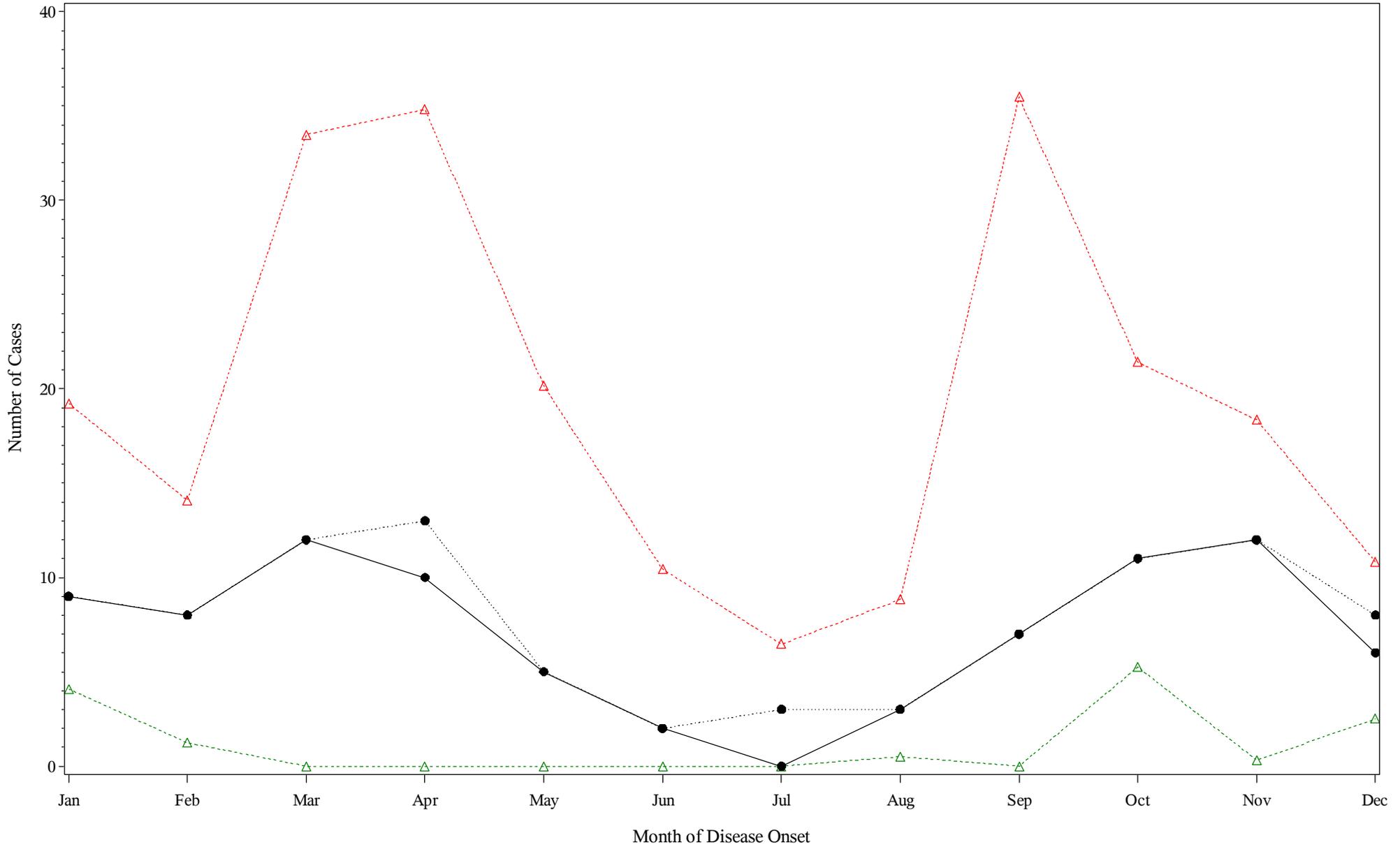


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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Varicella



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

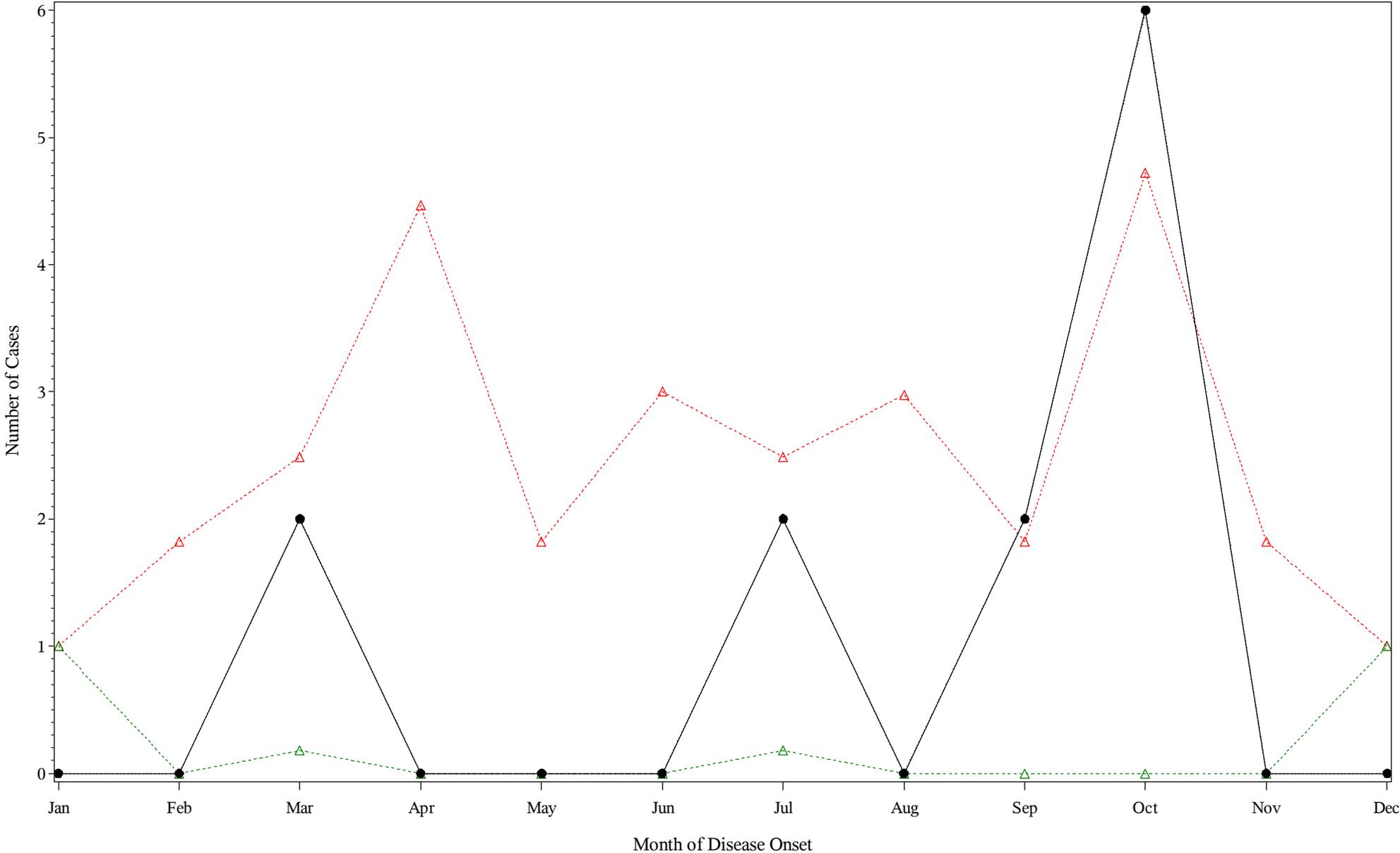
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

East Central Yersiniosis

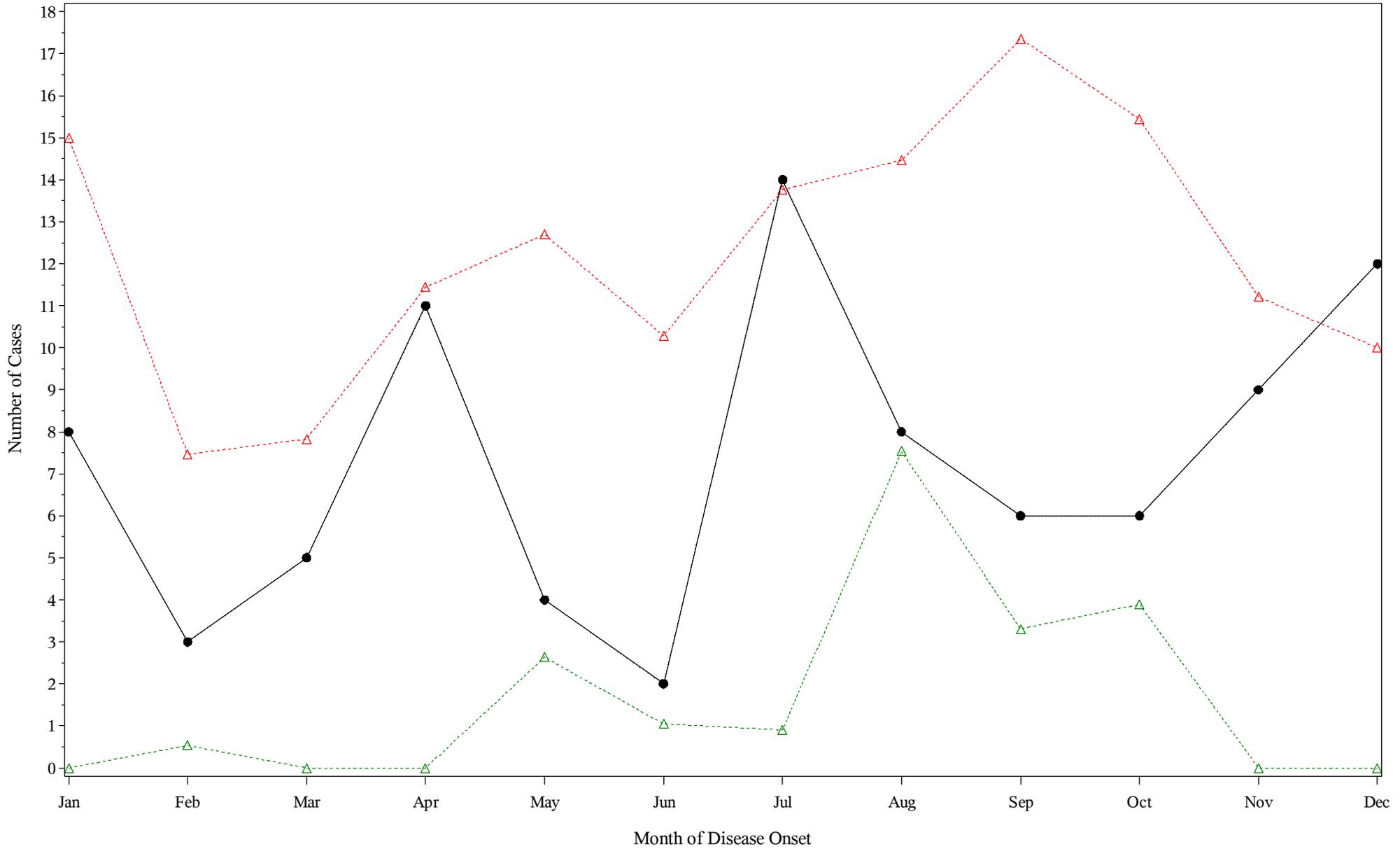


△ △ △ + 2 Standard Deviations
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● ● ● 2015 with Outbreak Cases
 ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast Aseptic Meningitis



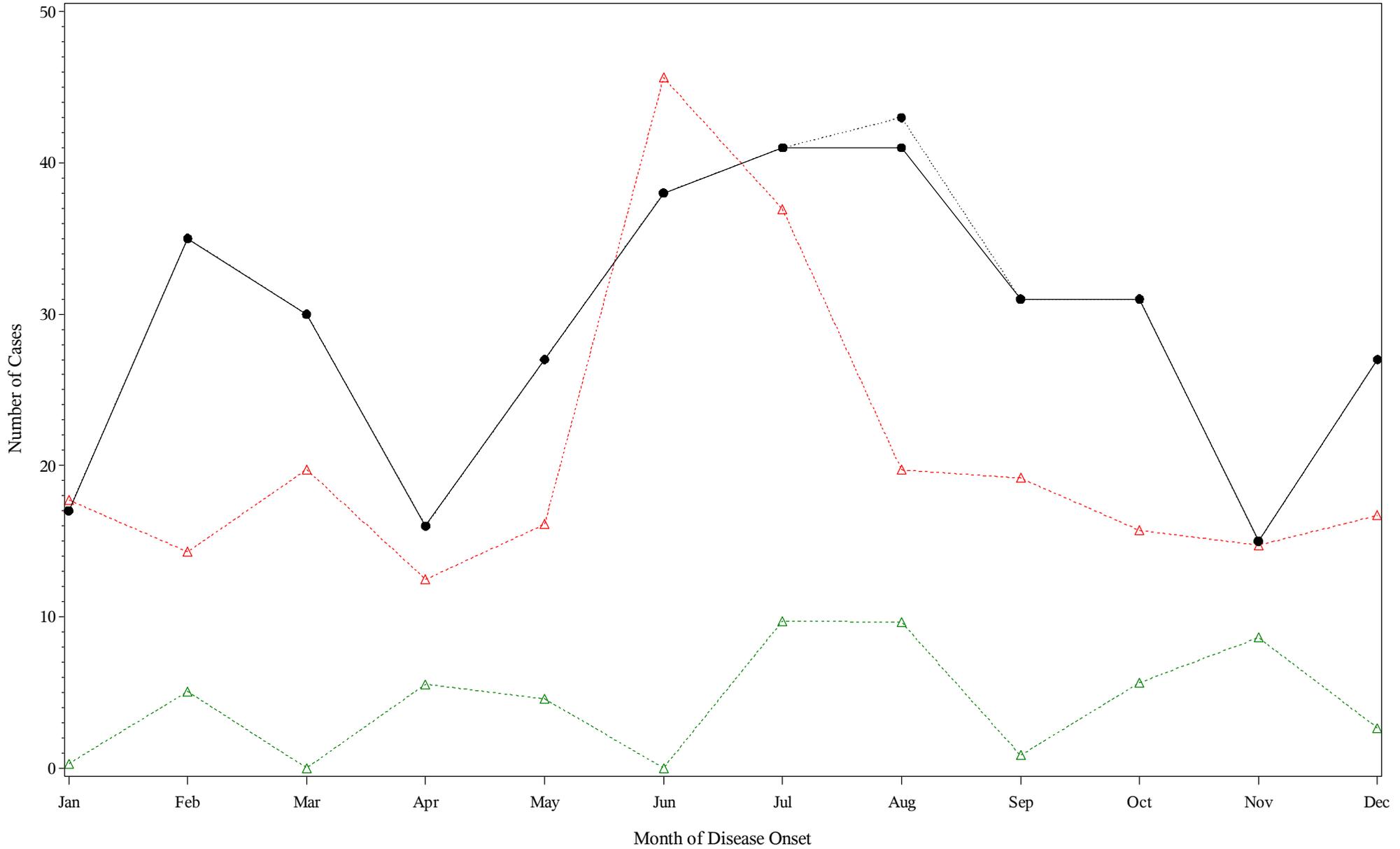
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast Campylobacteriosis

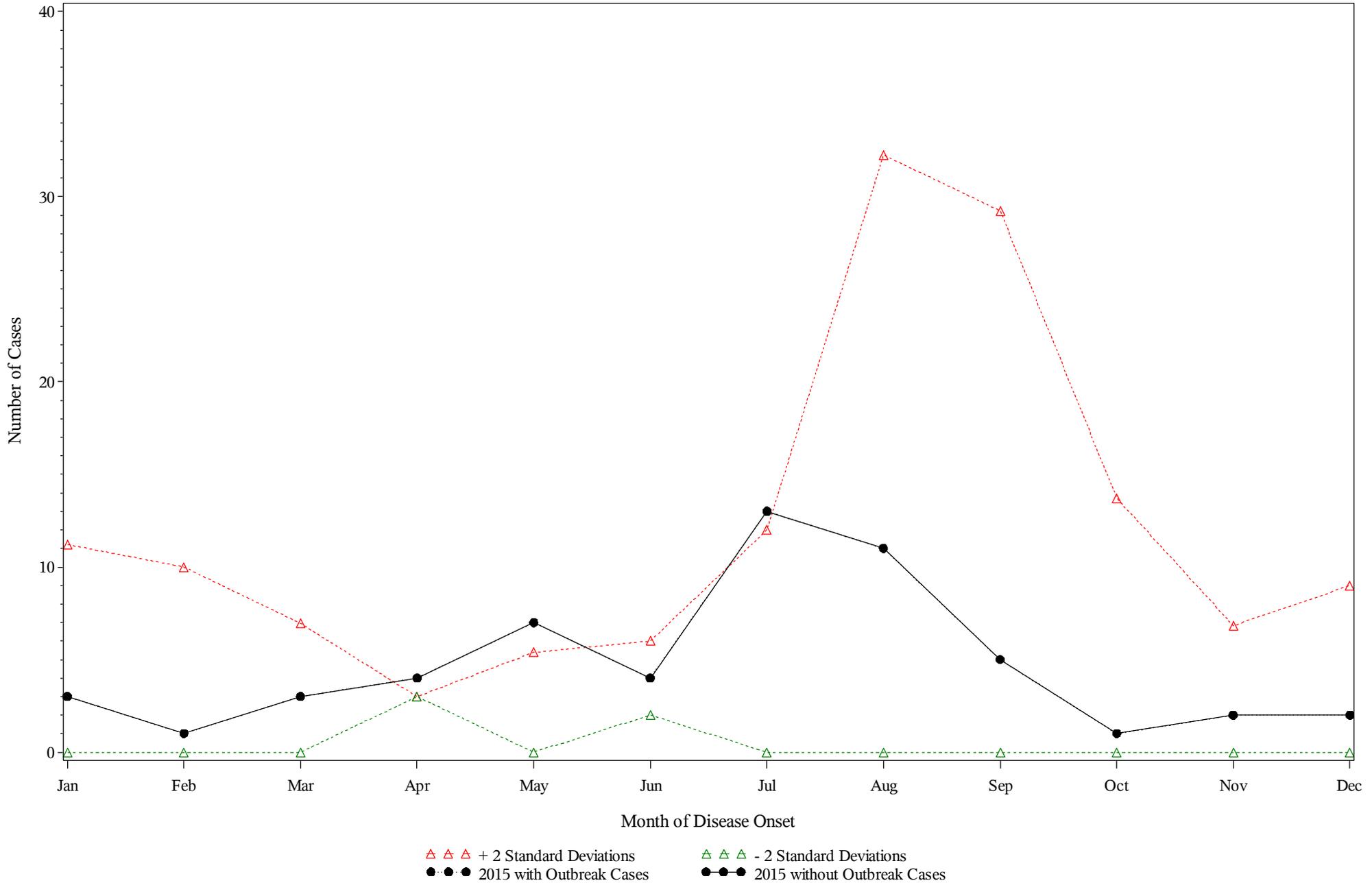


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast Cryptosporidiosis



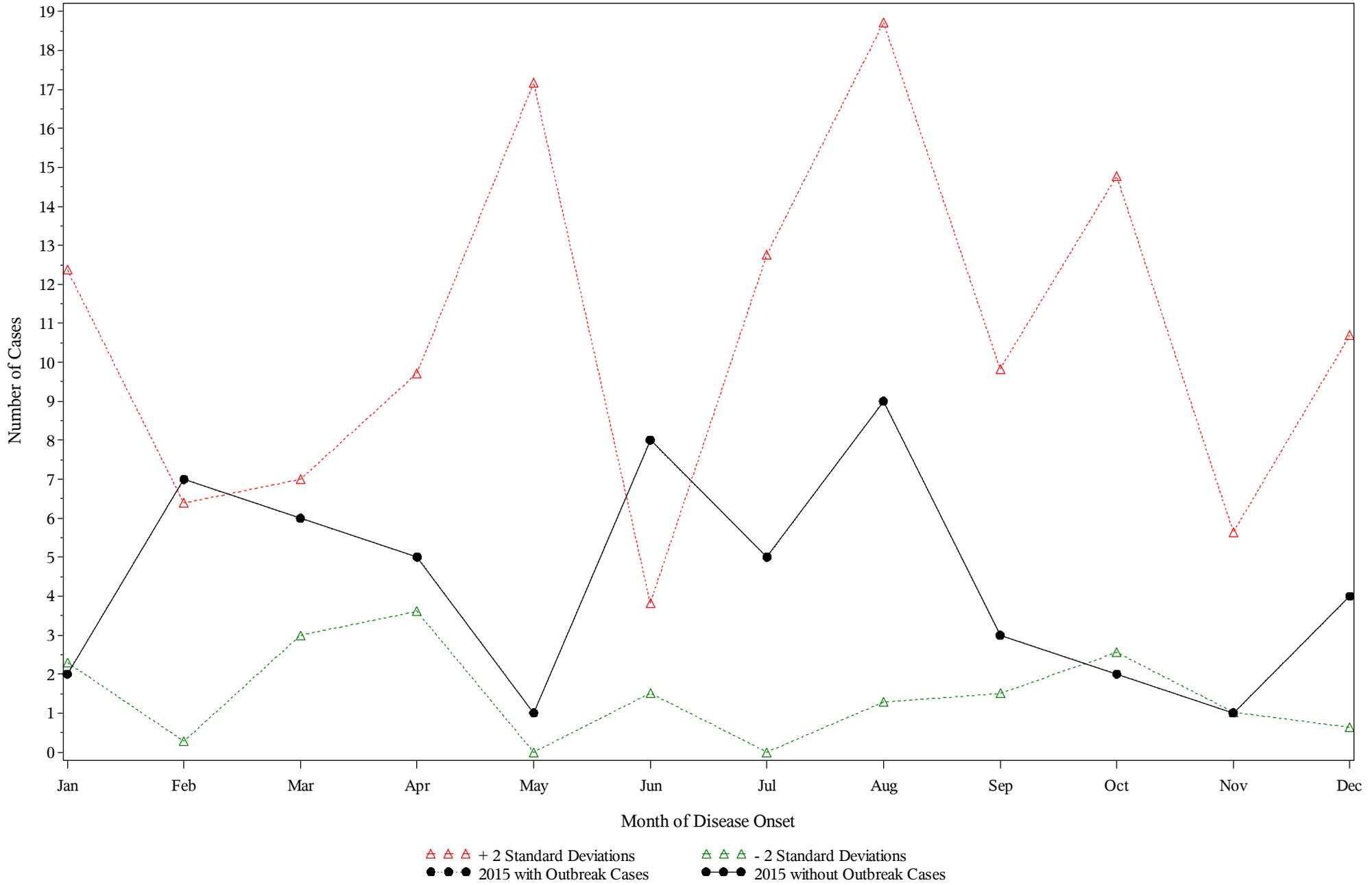
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast Giardiasis



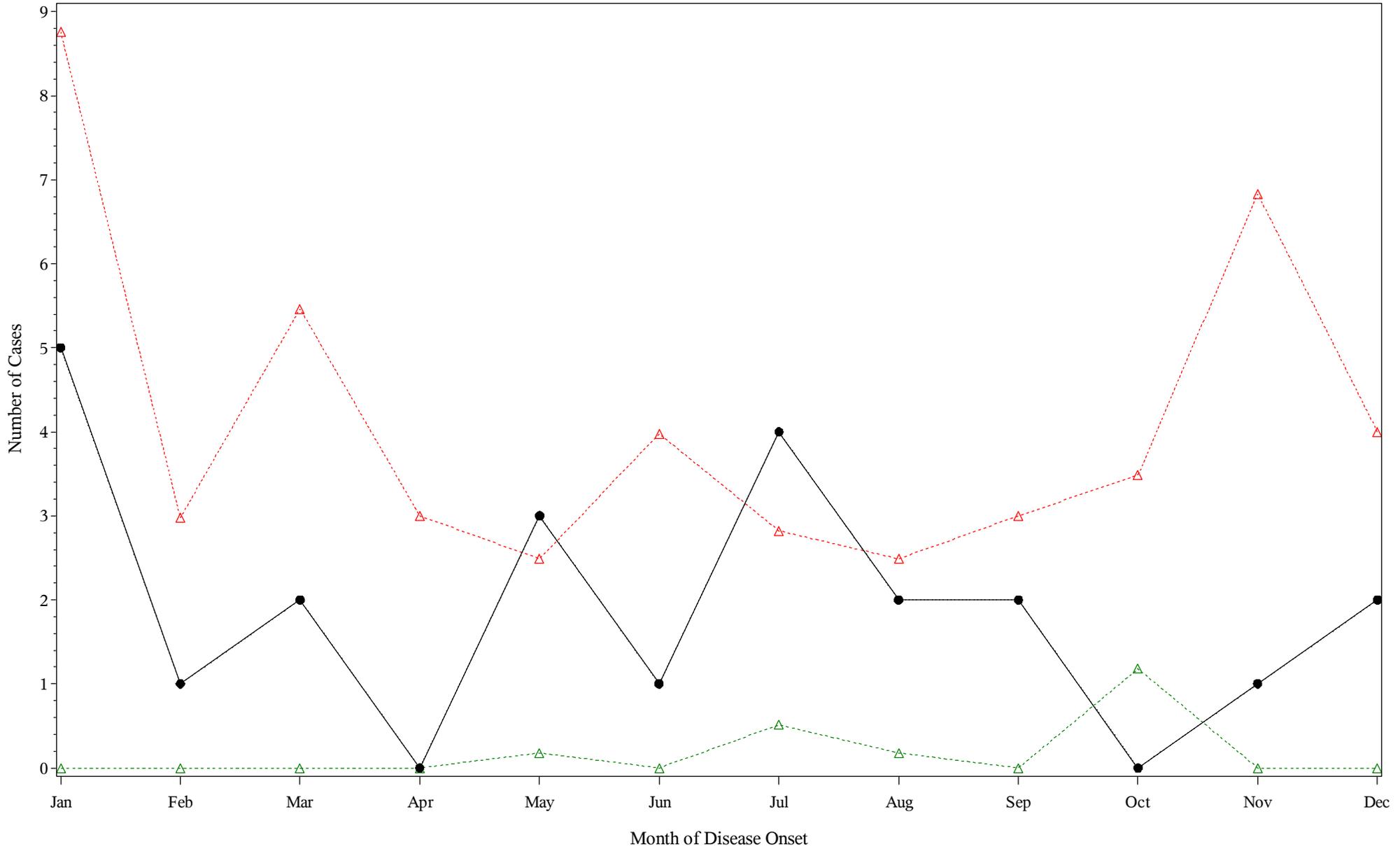
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast Haemophilus influenzae, Invasive



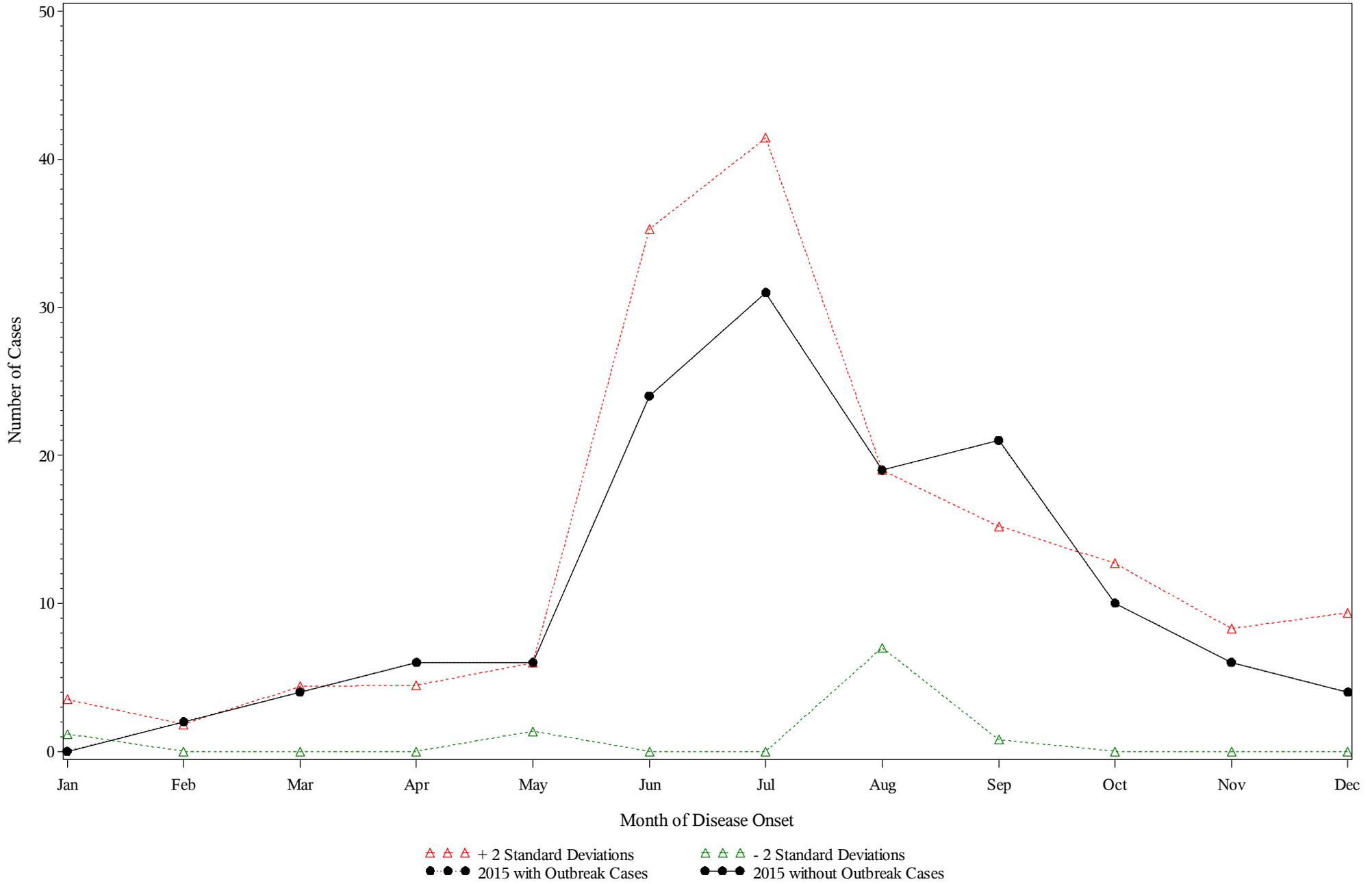
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast Legionellosis



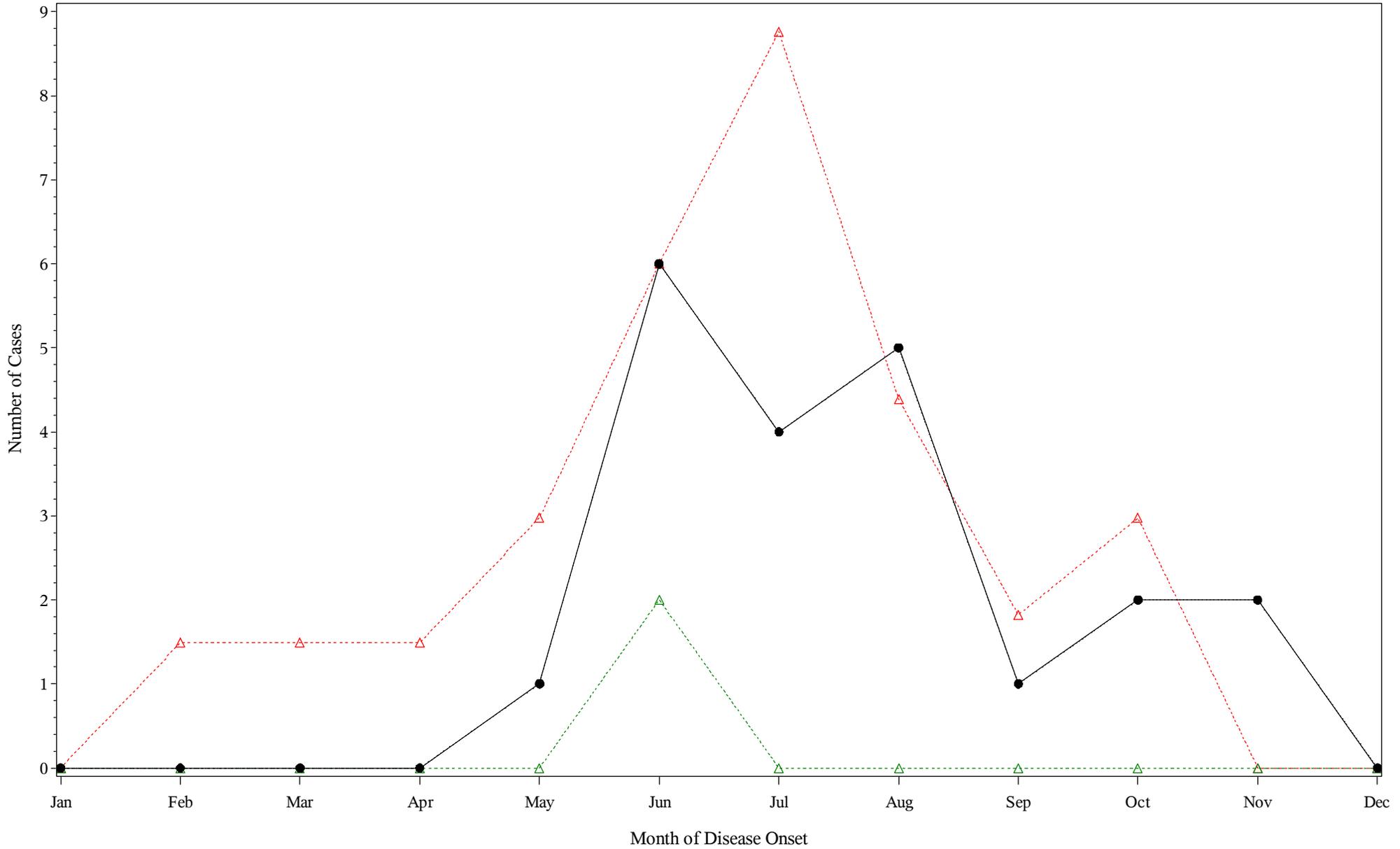
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast Lyme Disease

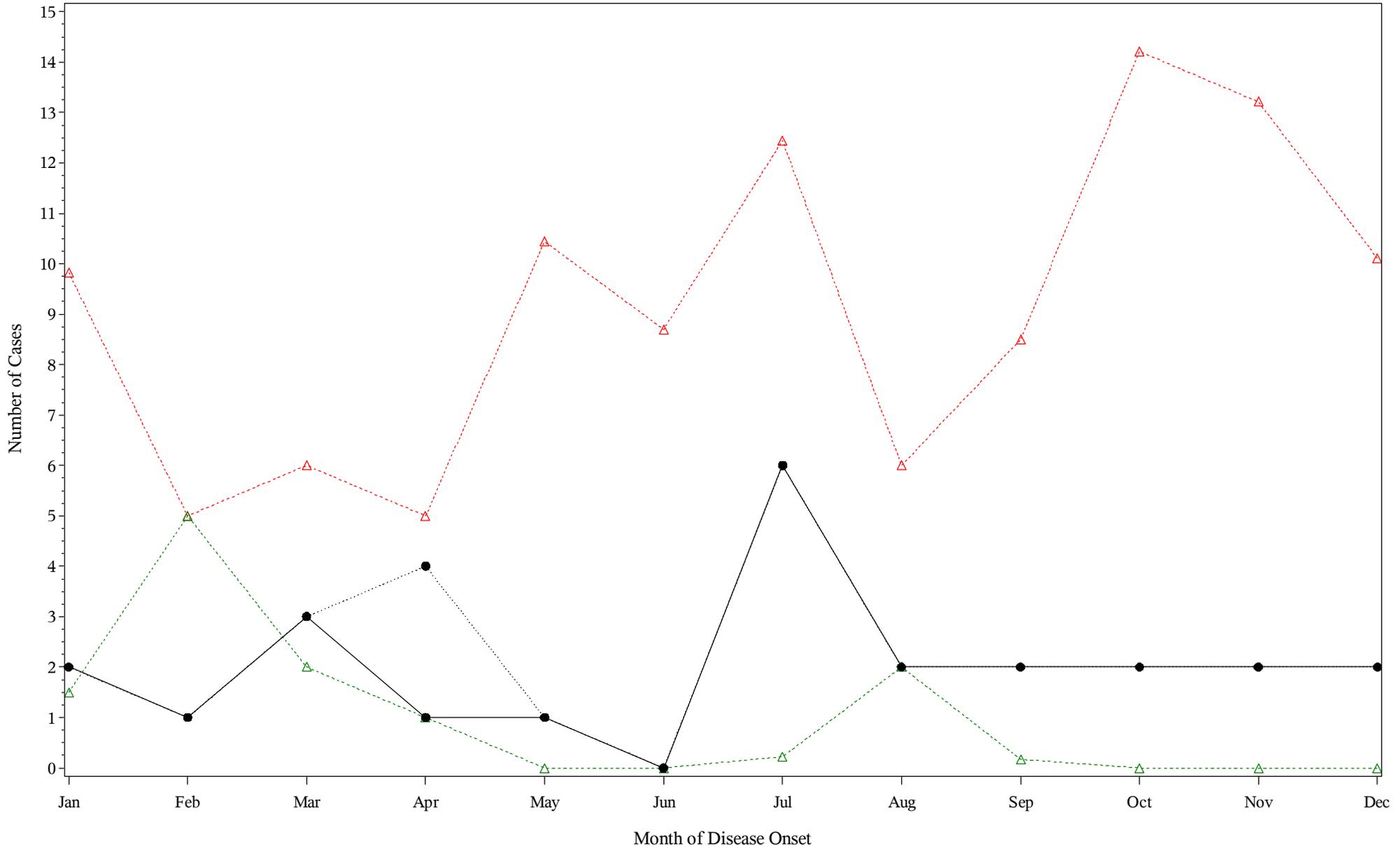


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast Pertussis

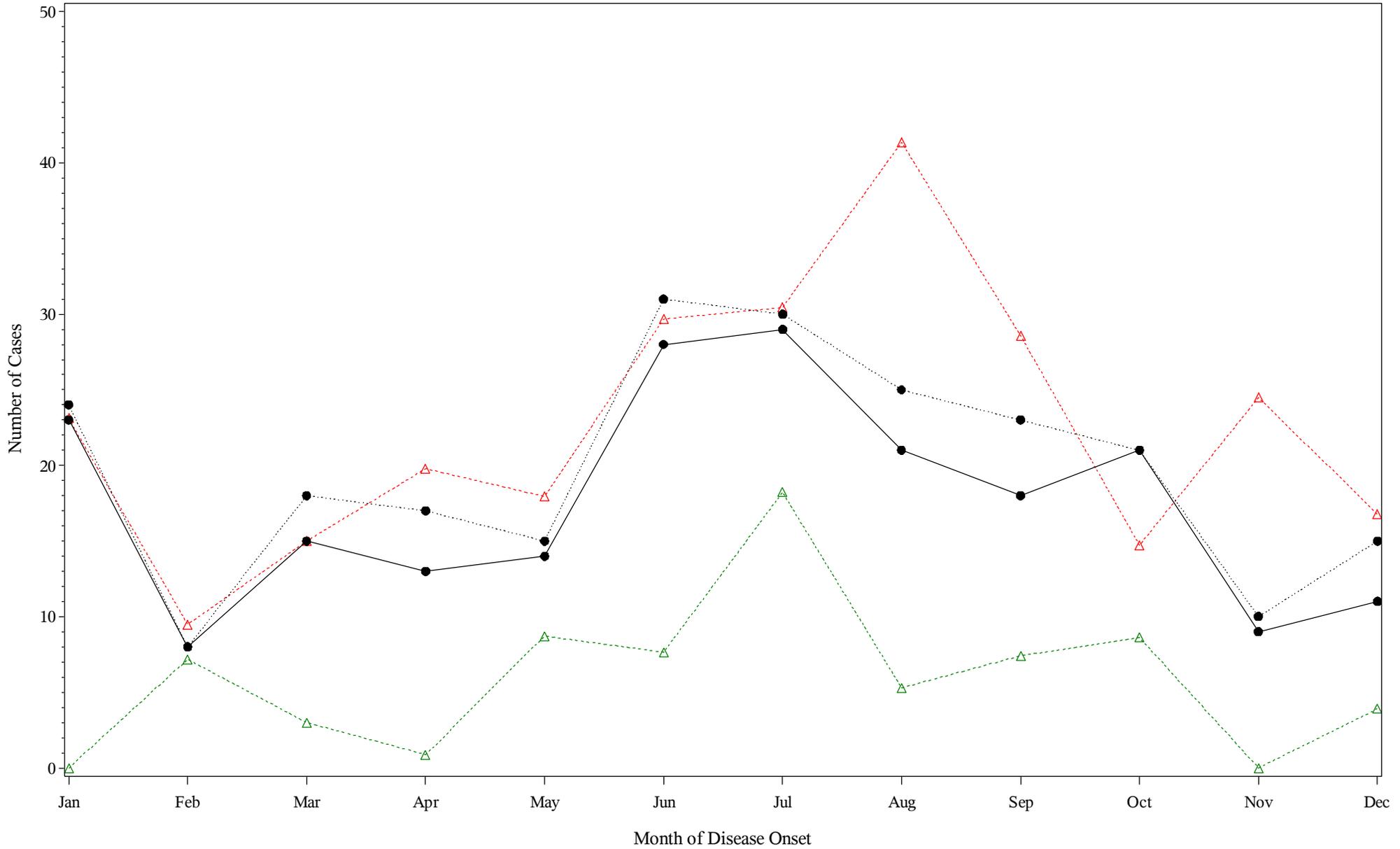


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● ● ● 2015 with Outbreak Cases
 ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast Salmonellosis



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

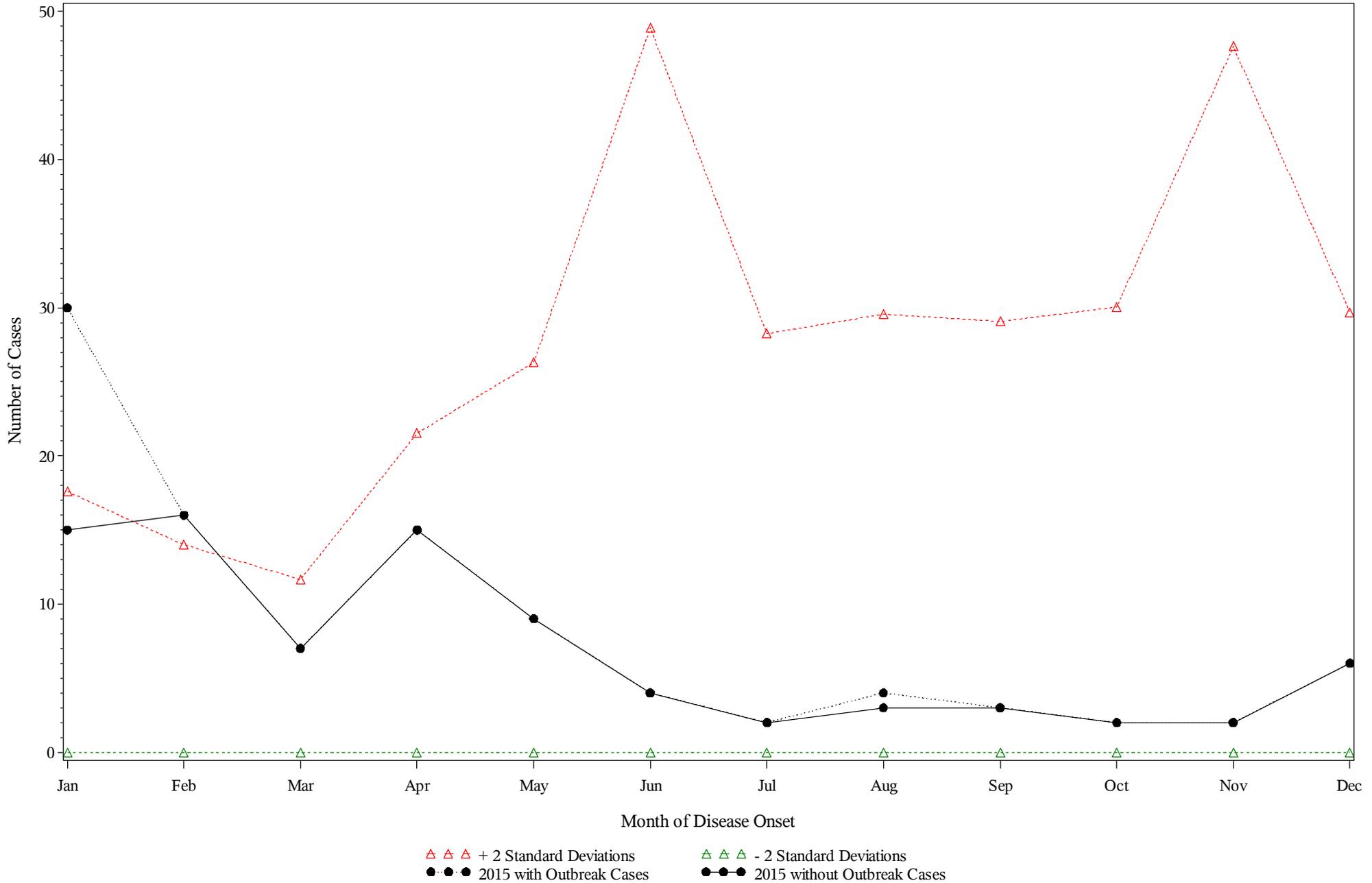
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast Shigellosis



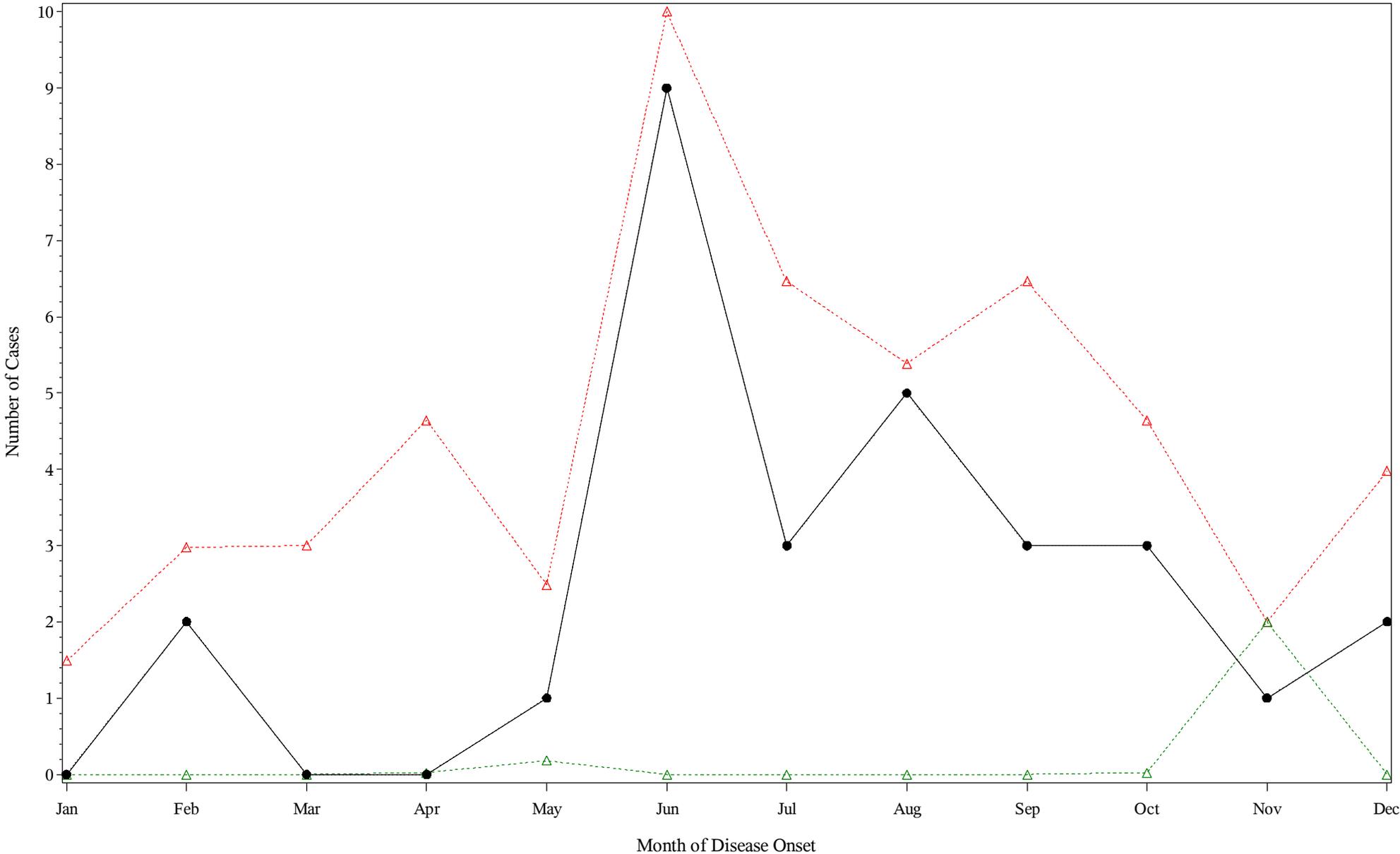
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast Shiga Toxin-Producing Escherichia coli

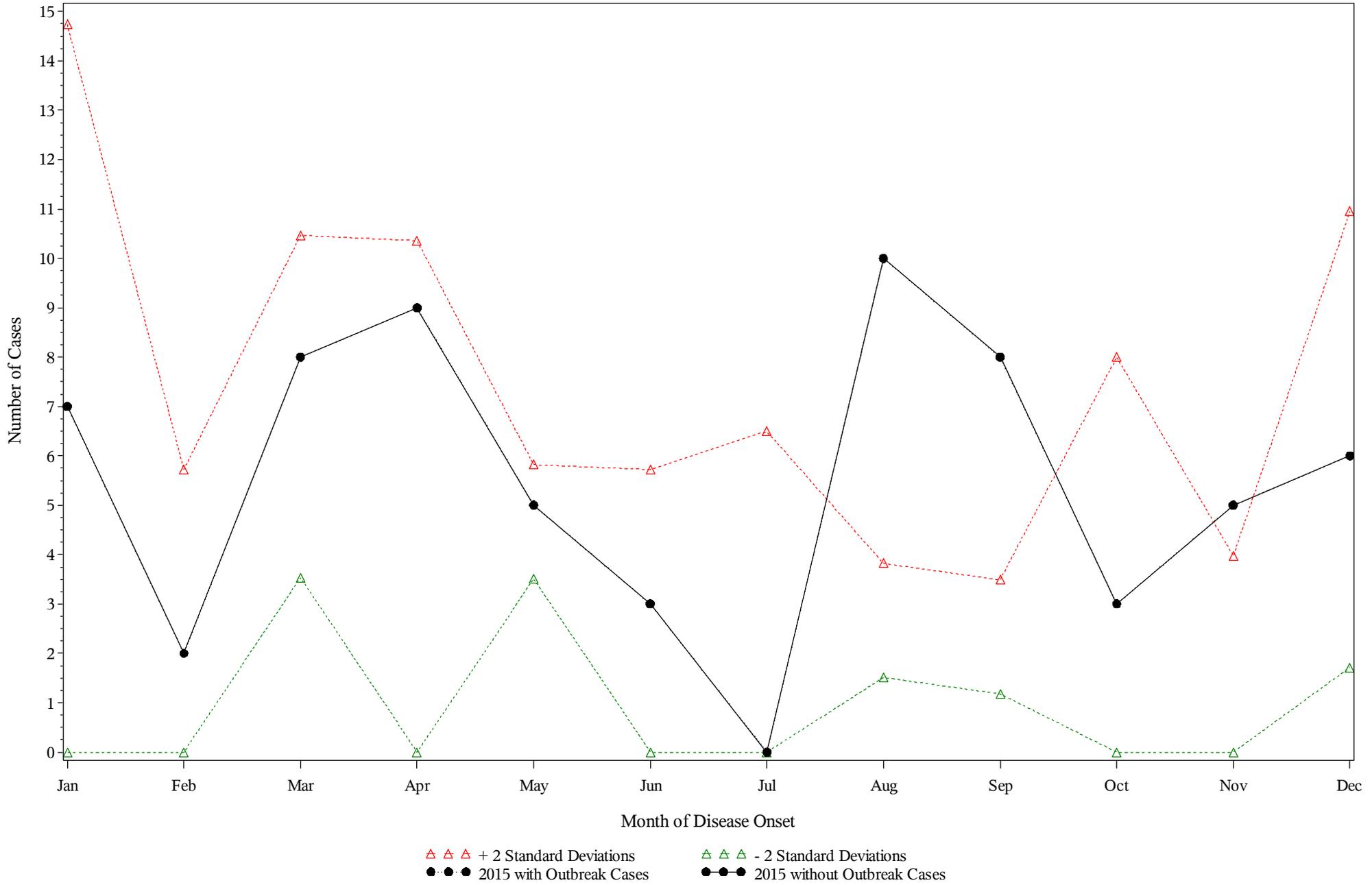


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast Streptococcal Disease, Group A, Invasive



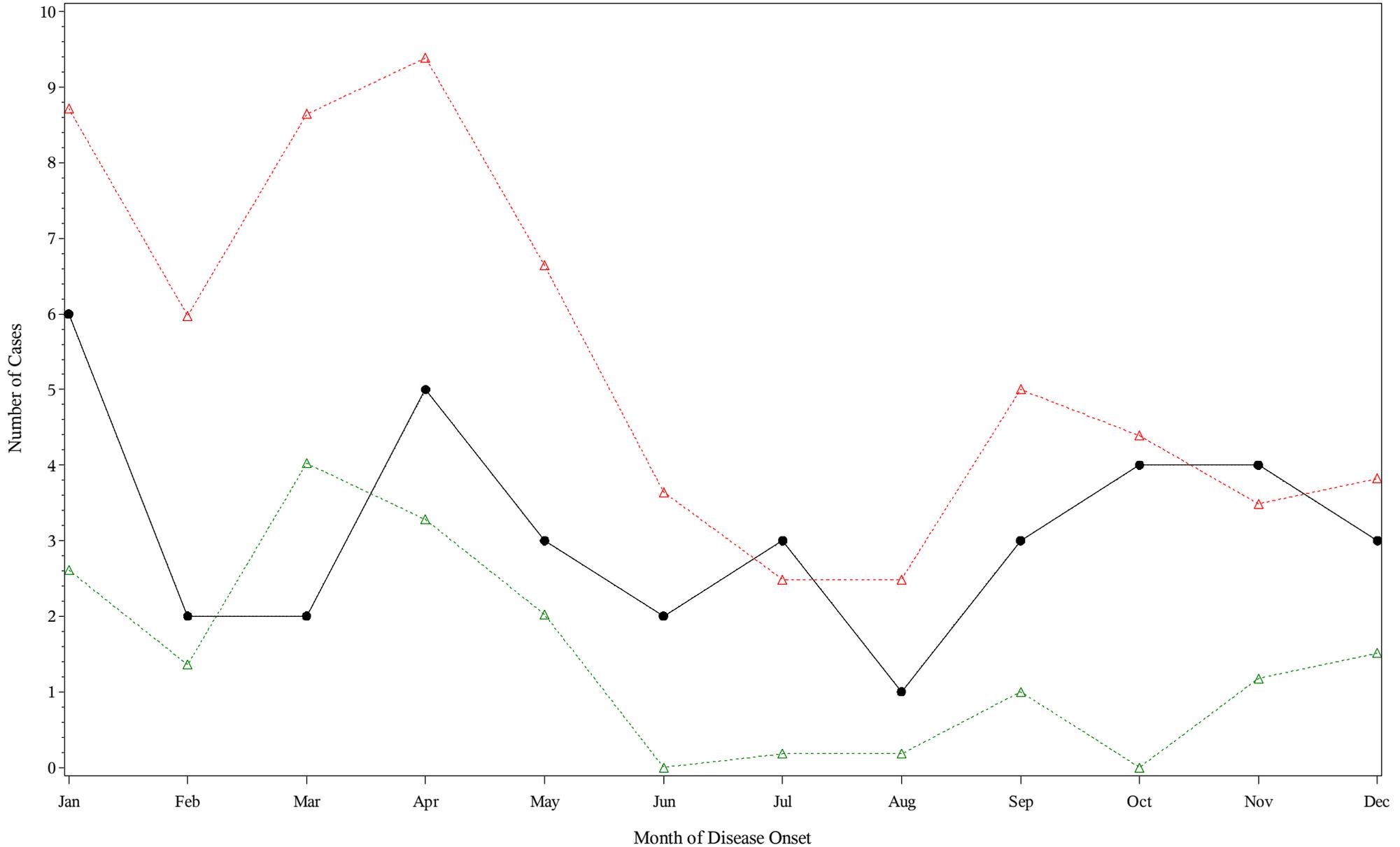
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate

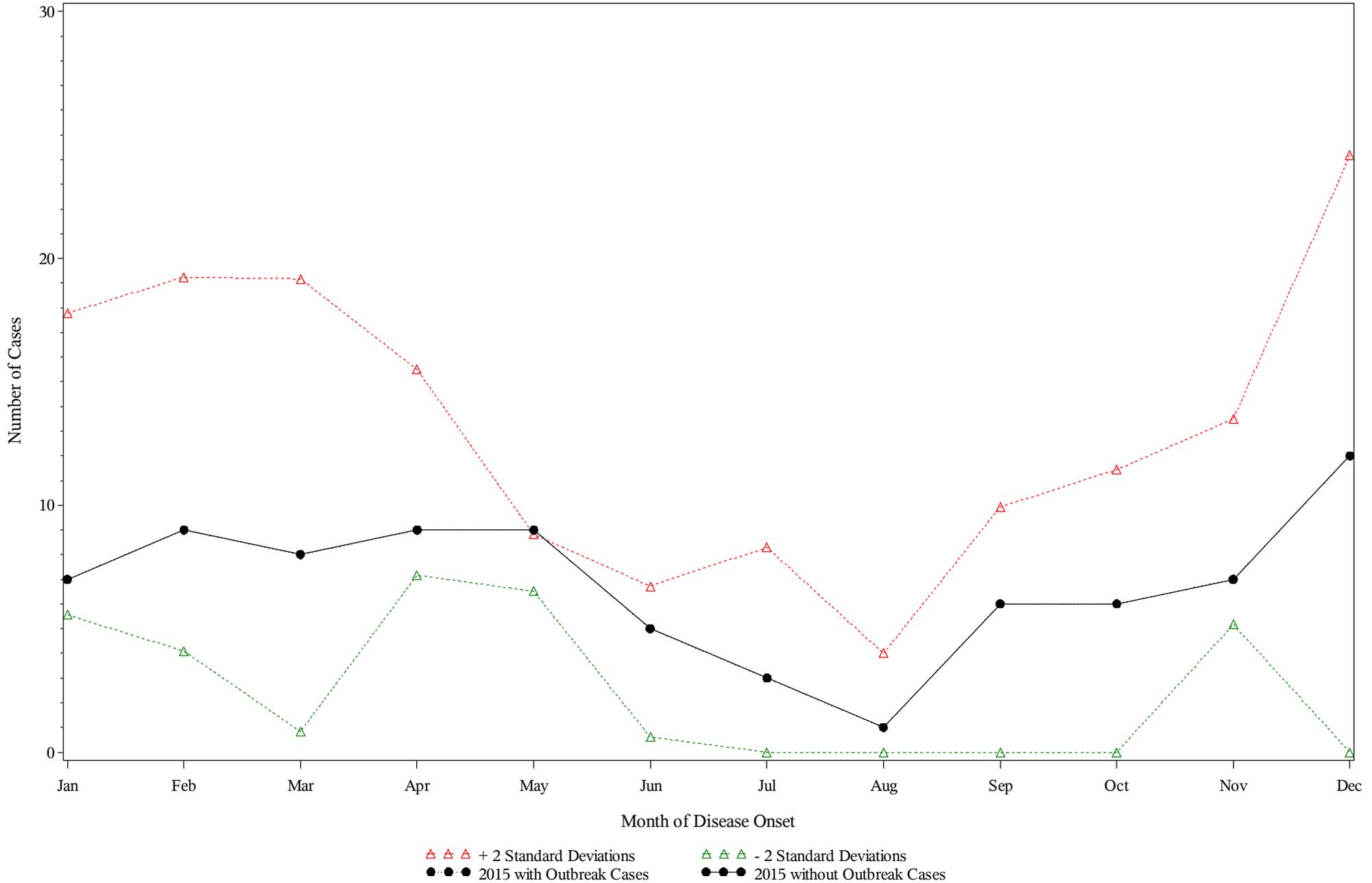


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

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



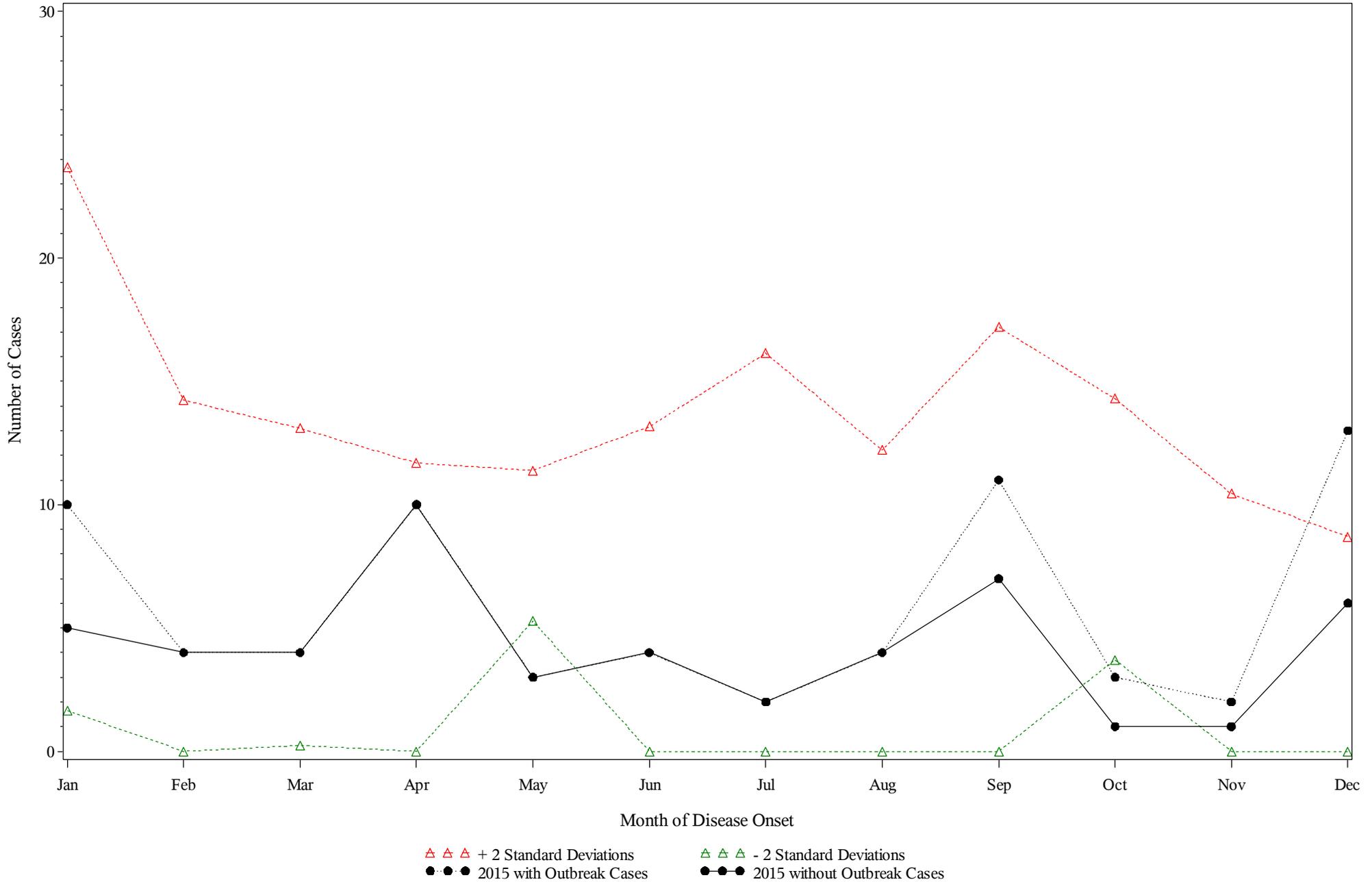
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast Varicella



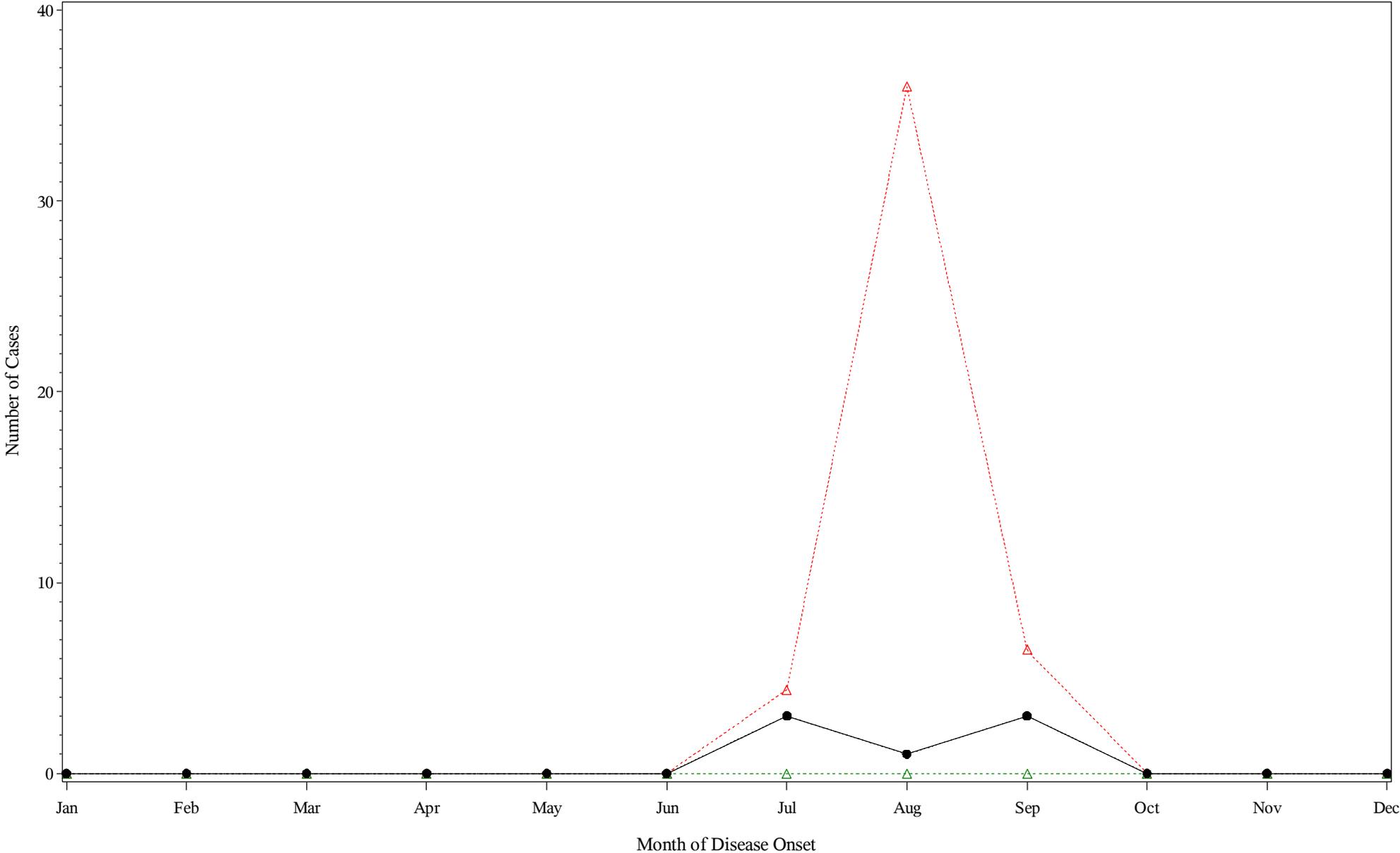
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northeast West Nile Virus Disease

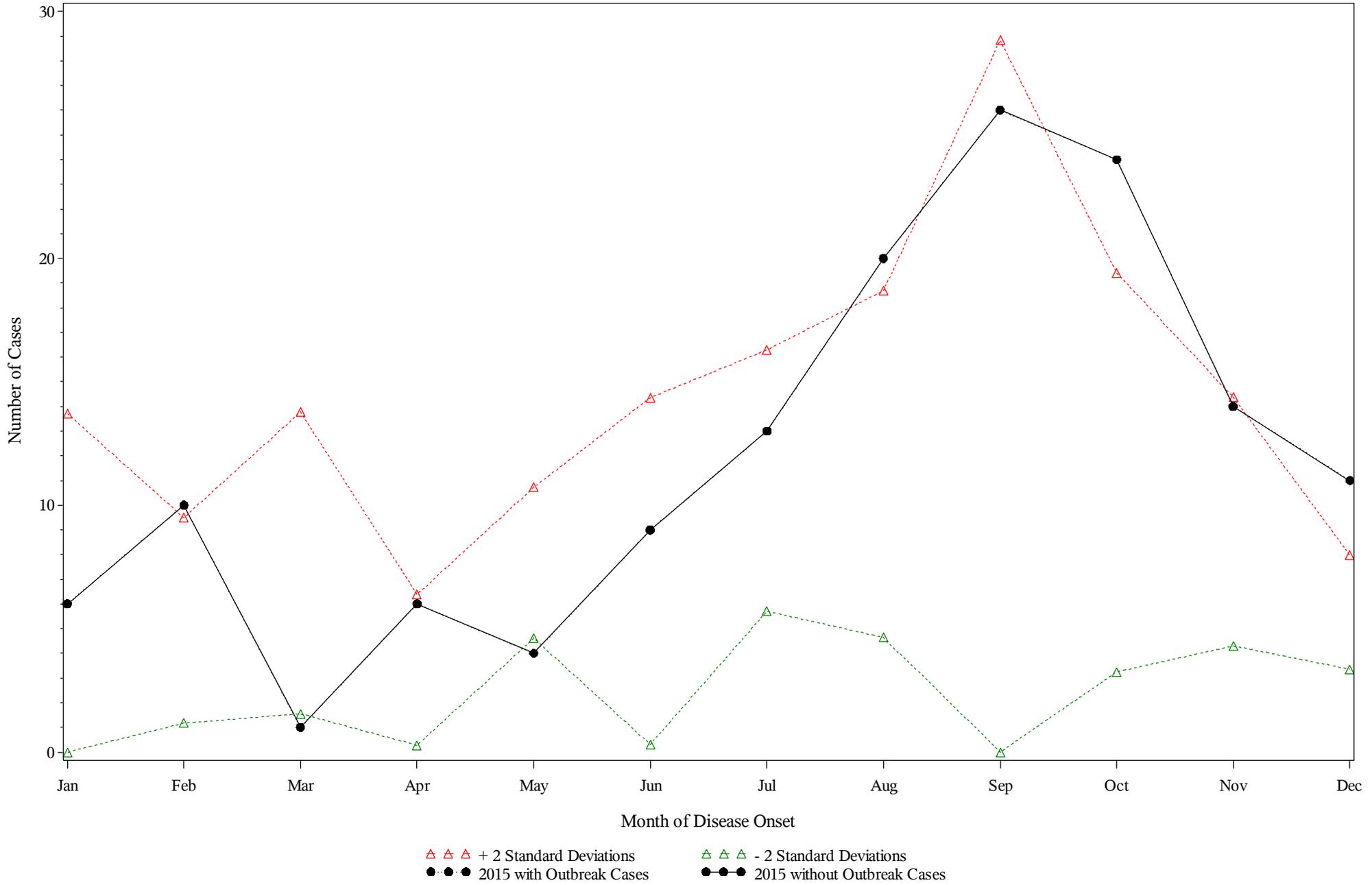


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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest Aseptic Meningitis



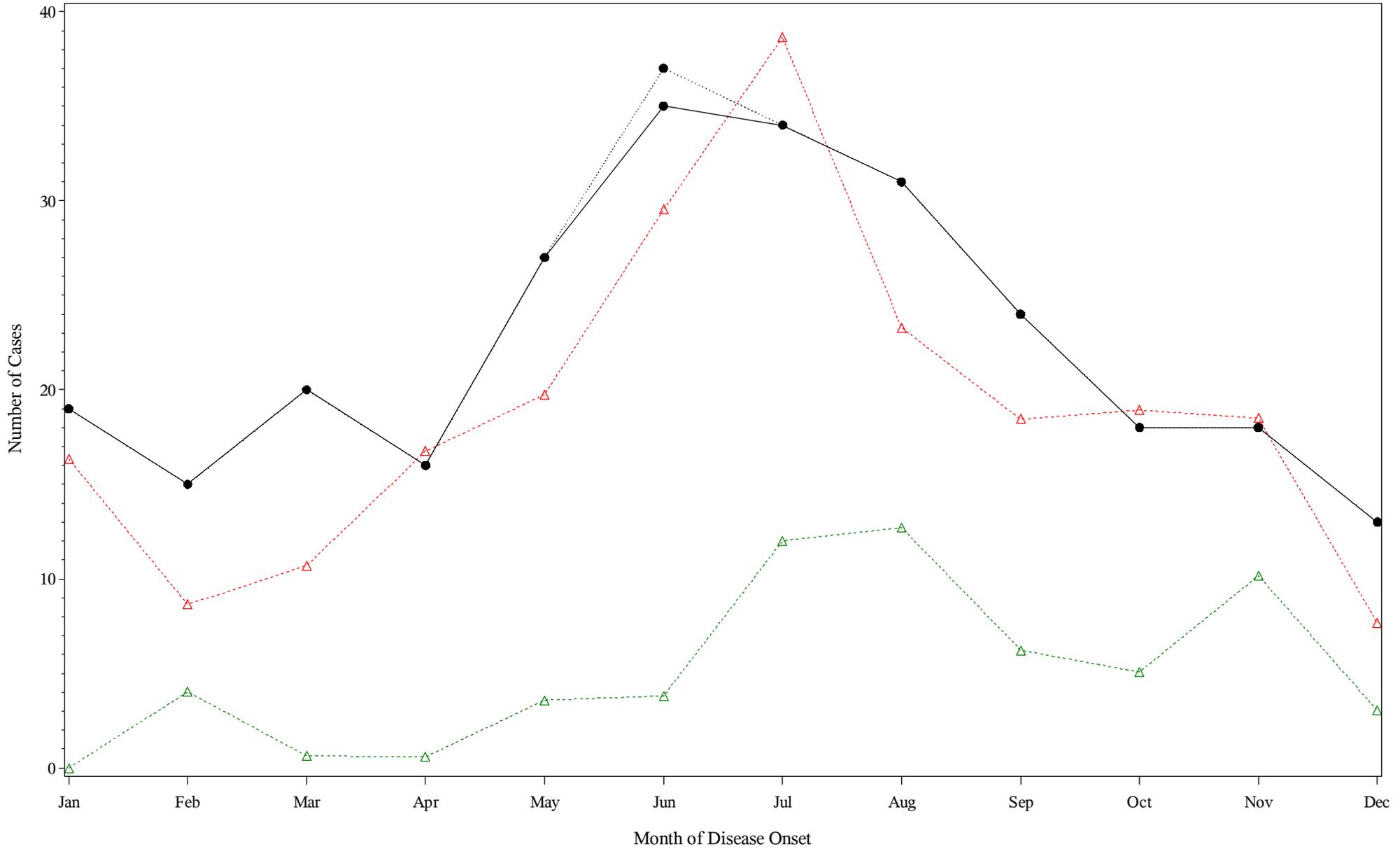
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest Campylobacteriosis

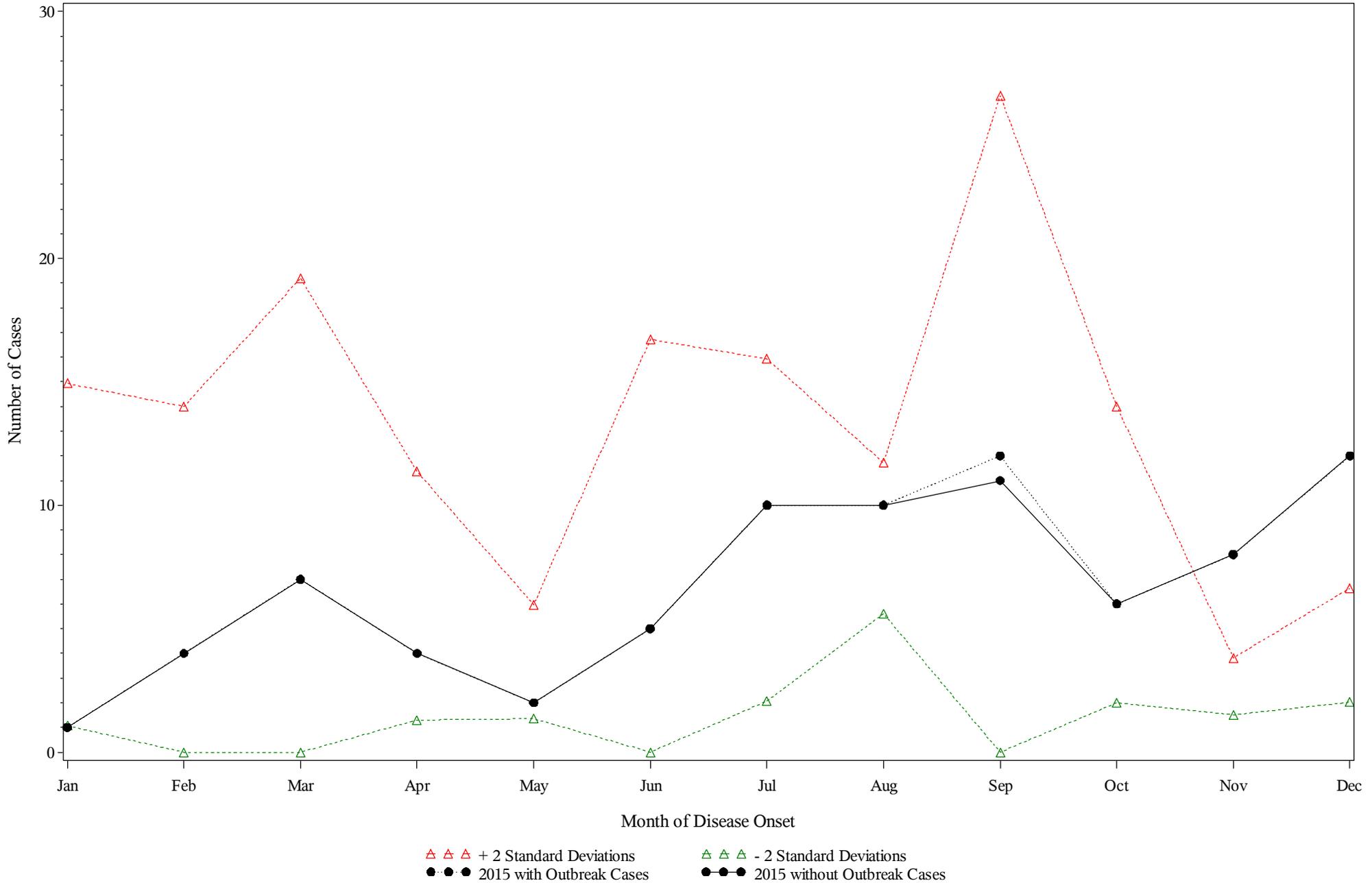


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest Cryptosporidiosis



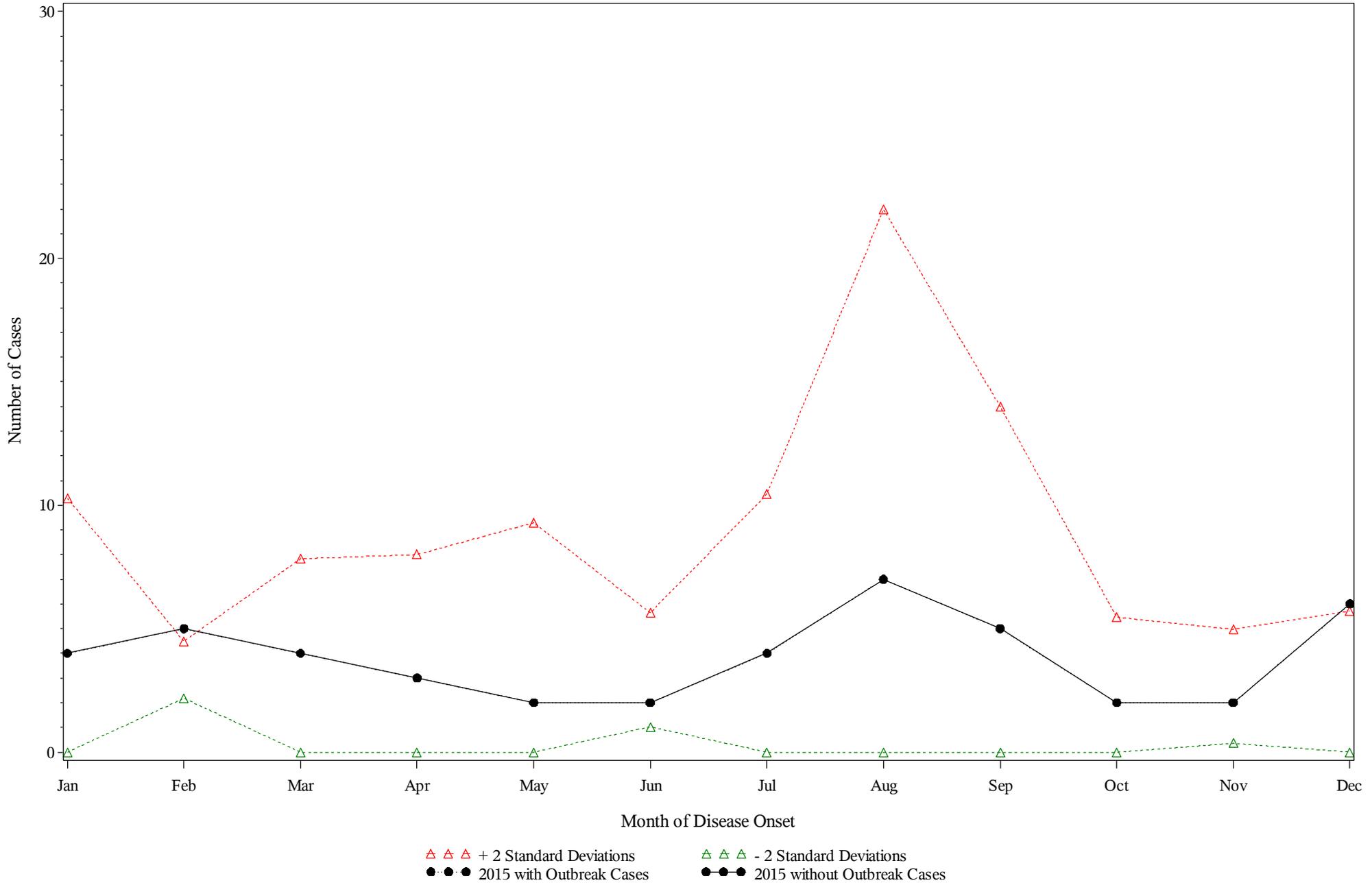
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest Giardiasis



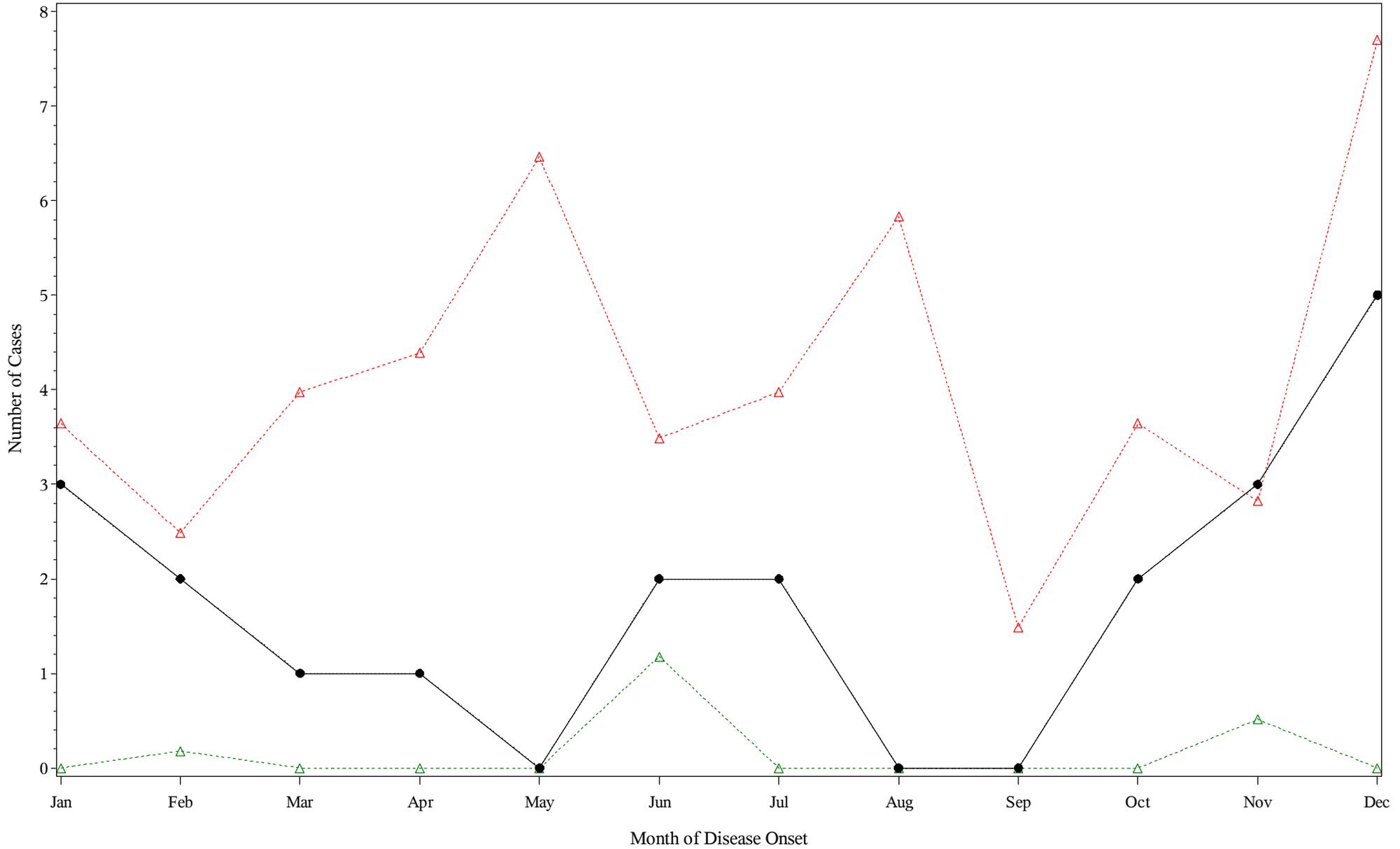
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest Haemophilus influenzae, Invasive

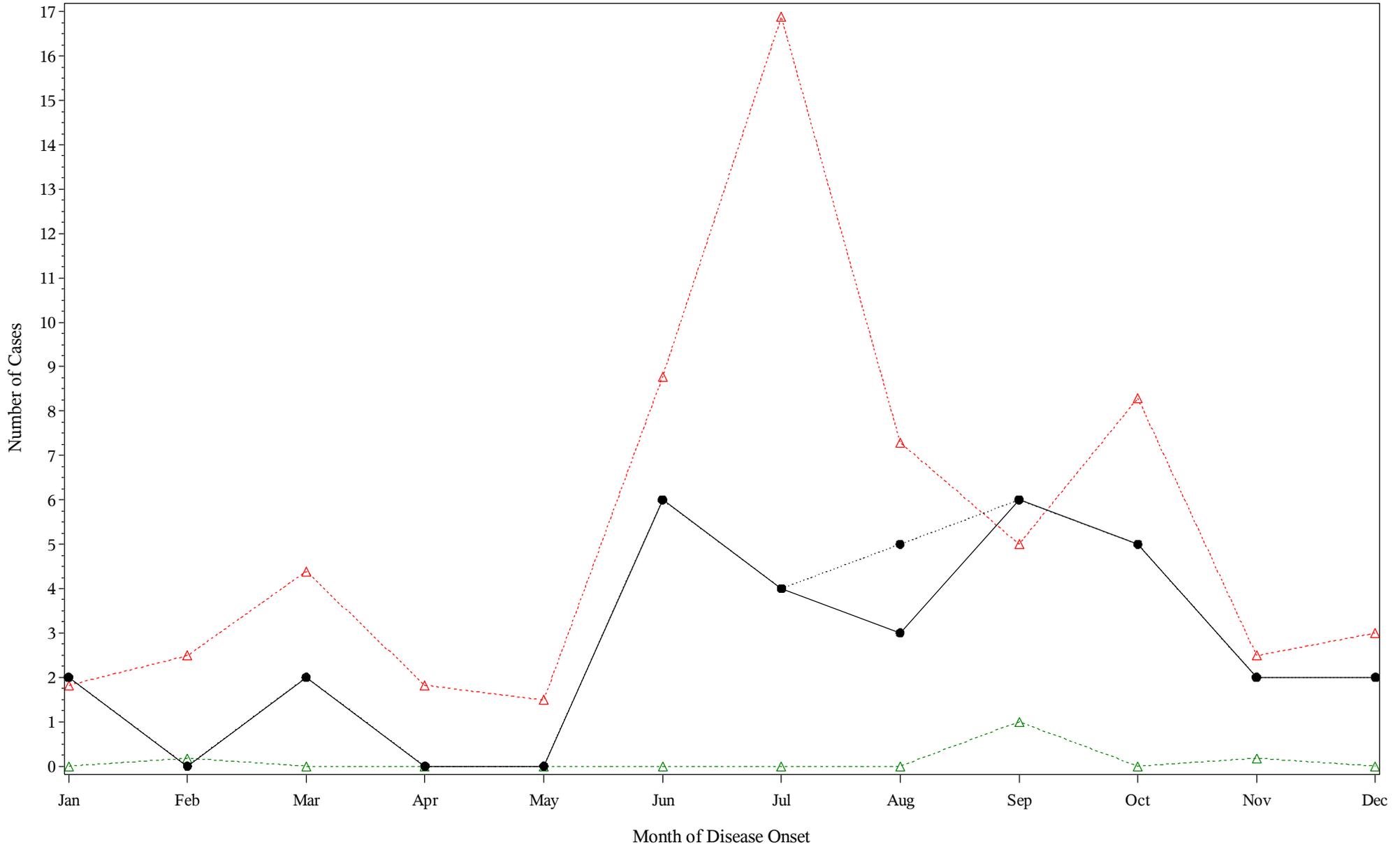


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest Legionellosis

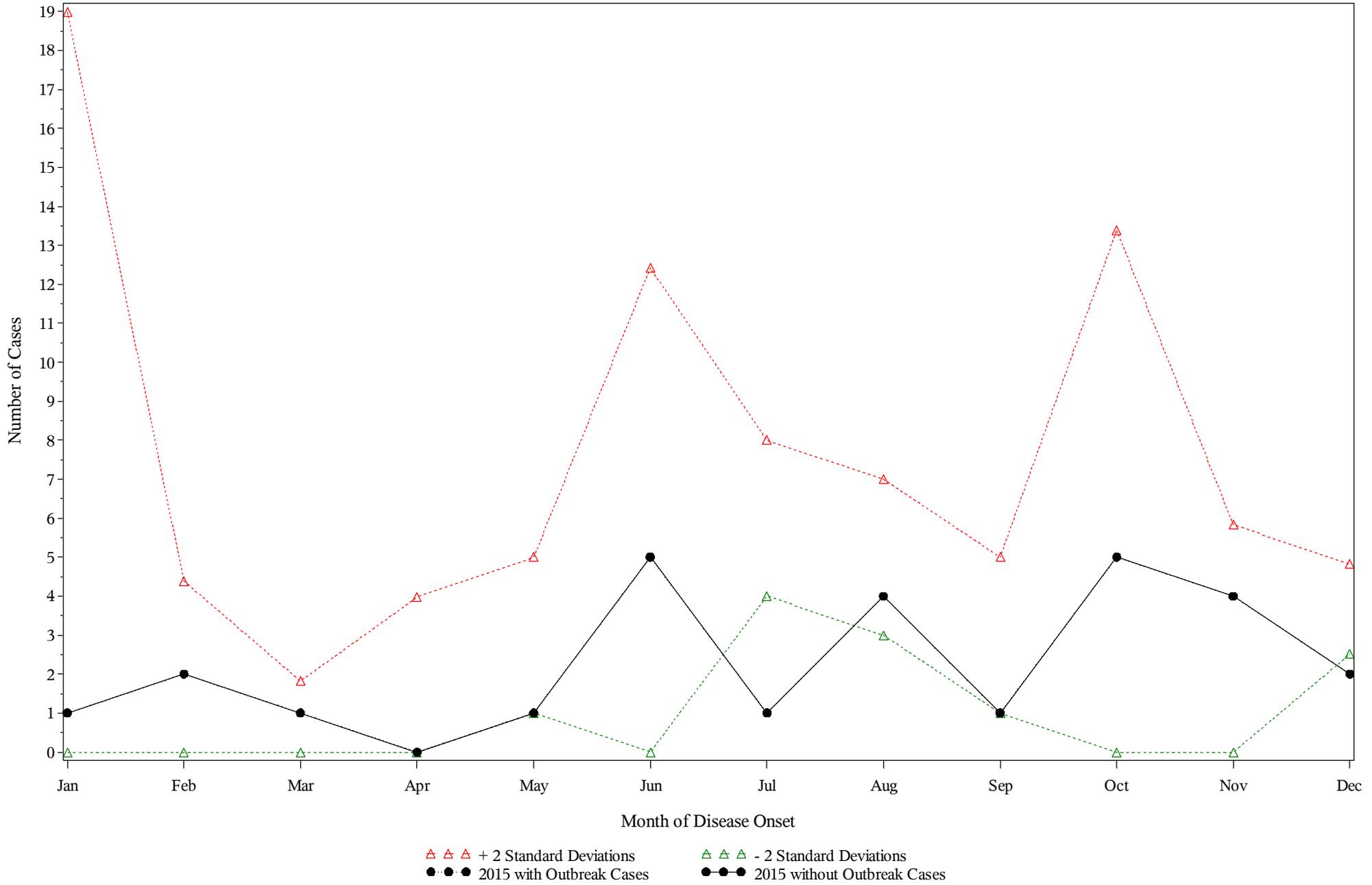


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest Pertussis



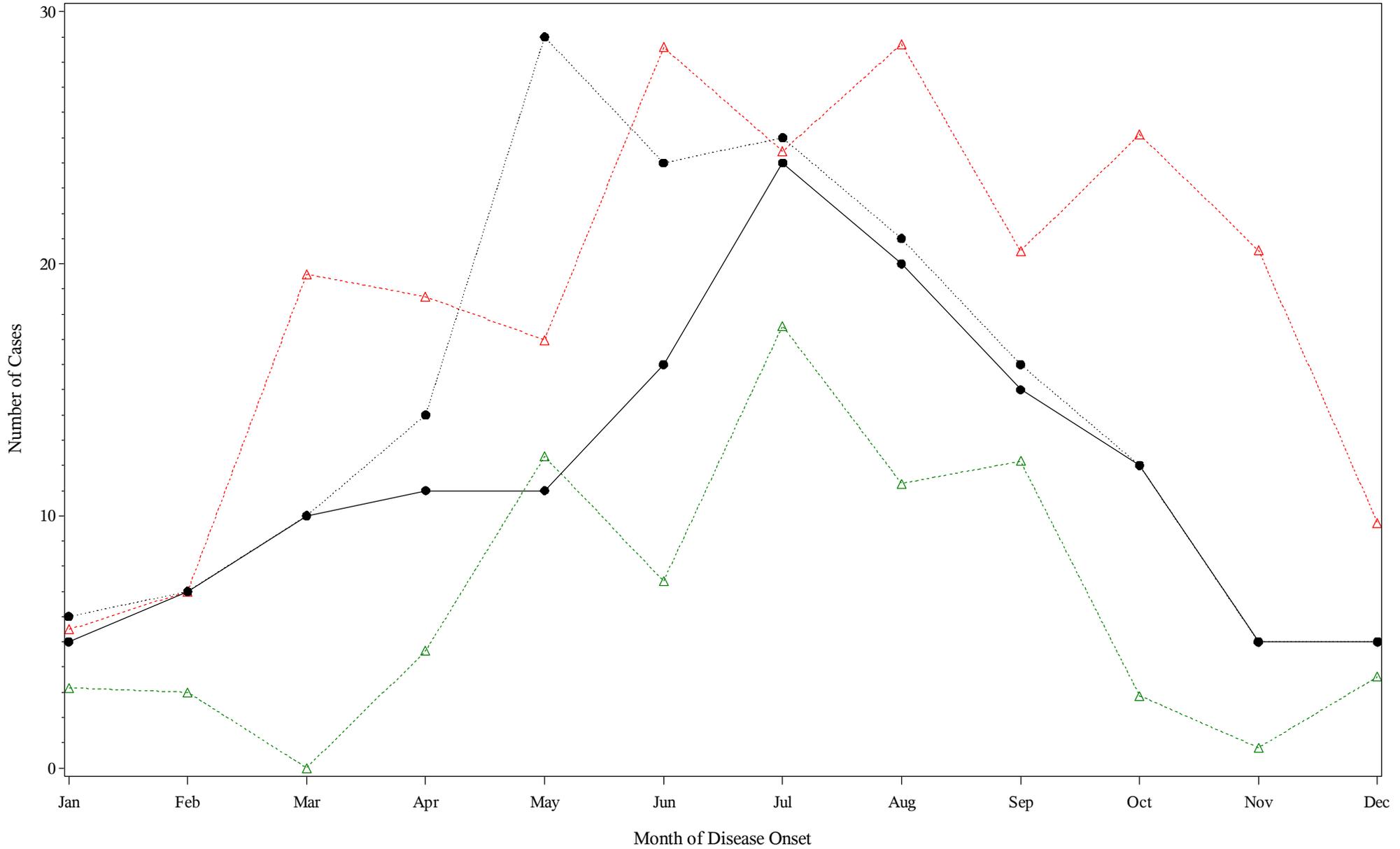
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest Salmonellosis

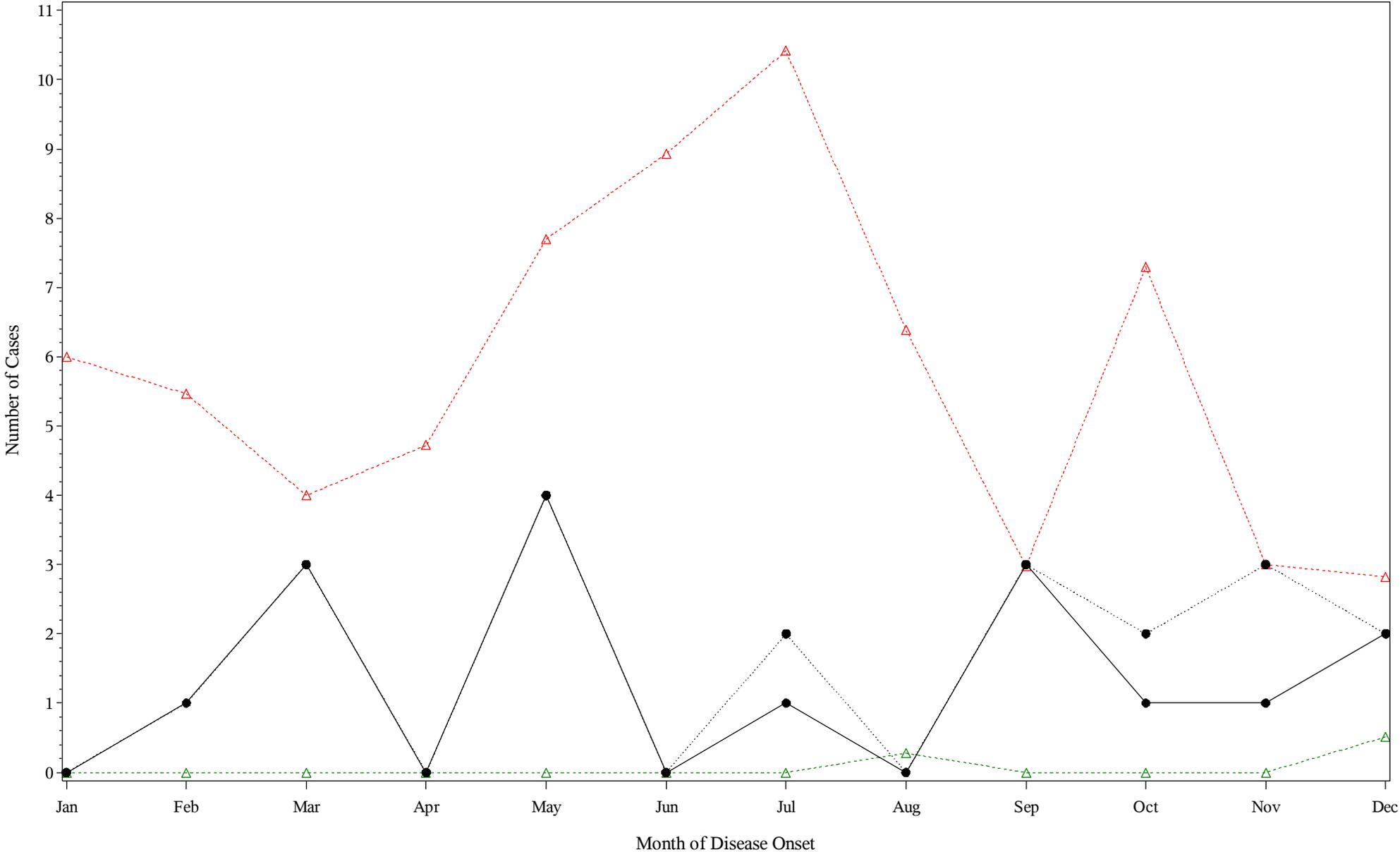


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest Shigellosis

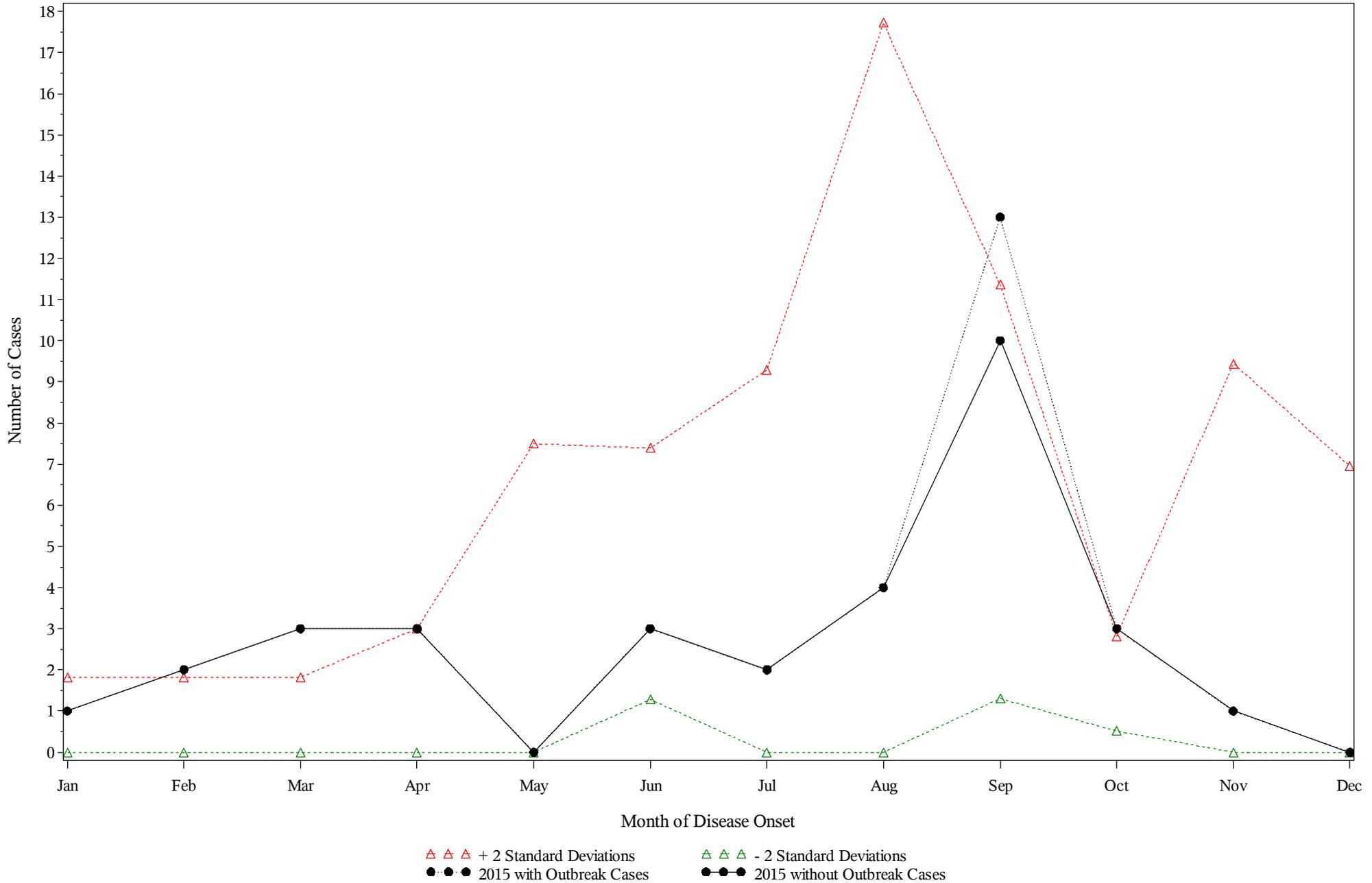


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest Shiga Toxin-Producing Escherichia coli



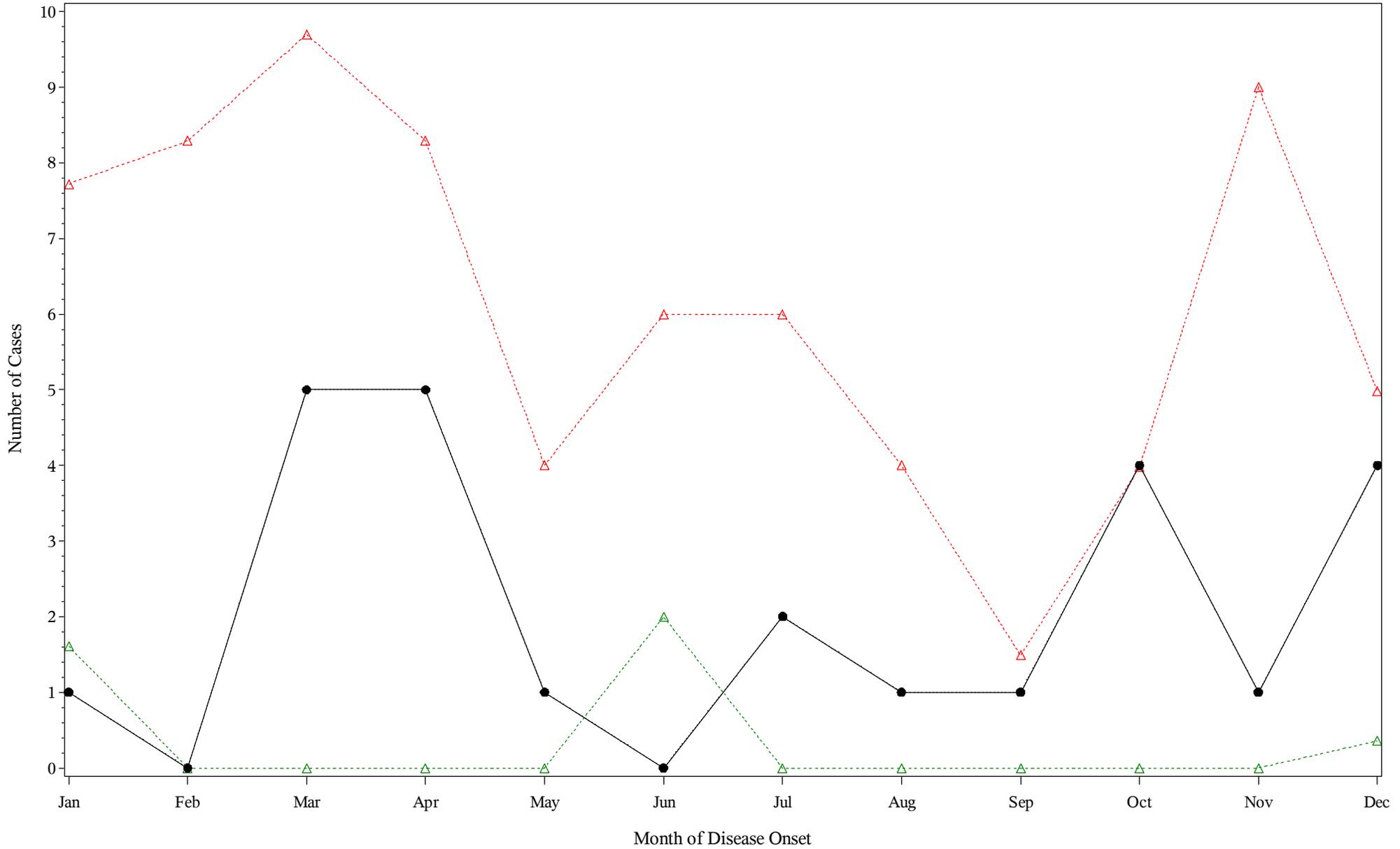
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest Streptococcal Disease, Group A, Invasive

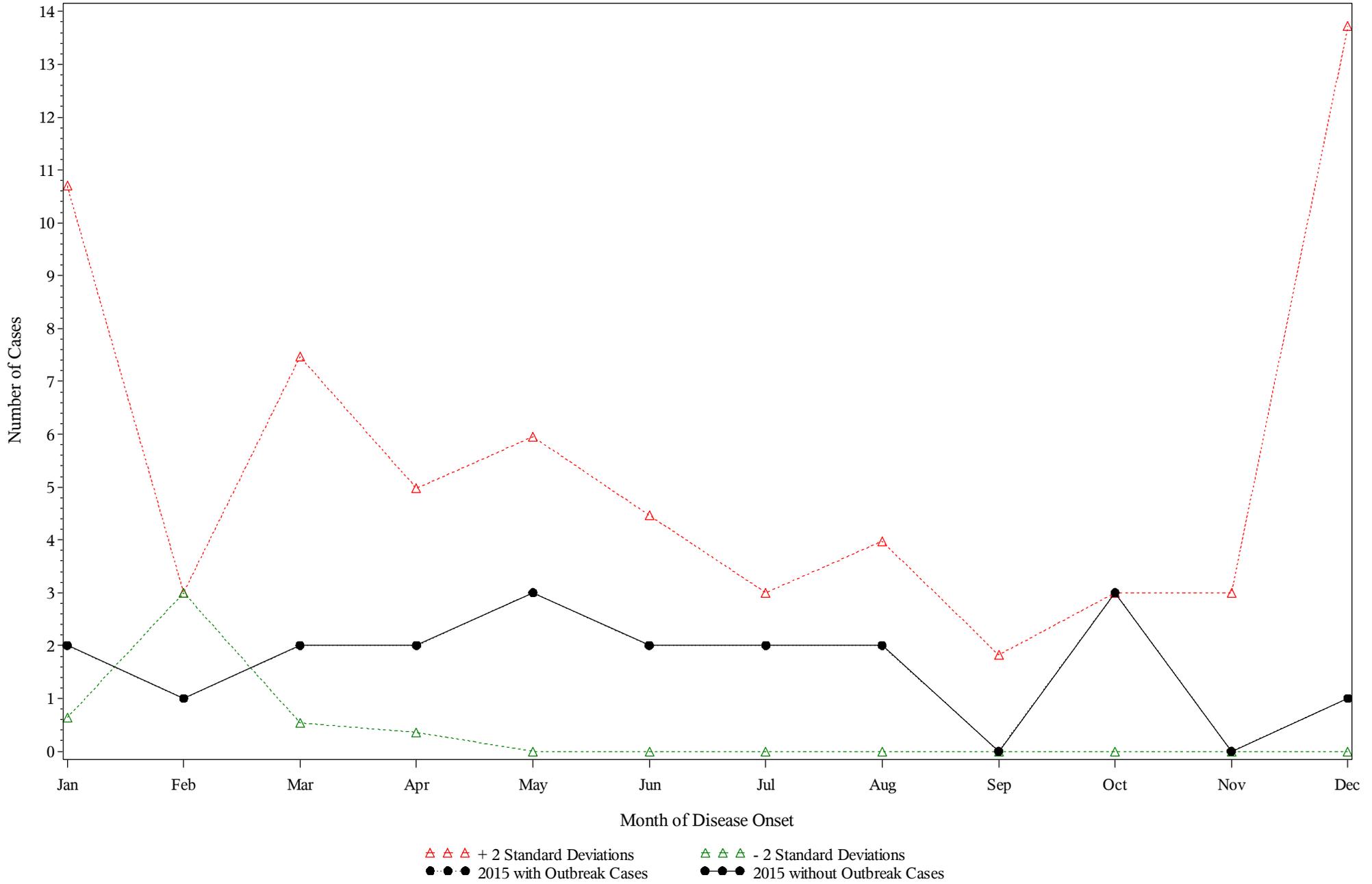


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate



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

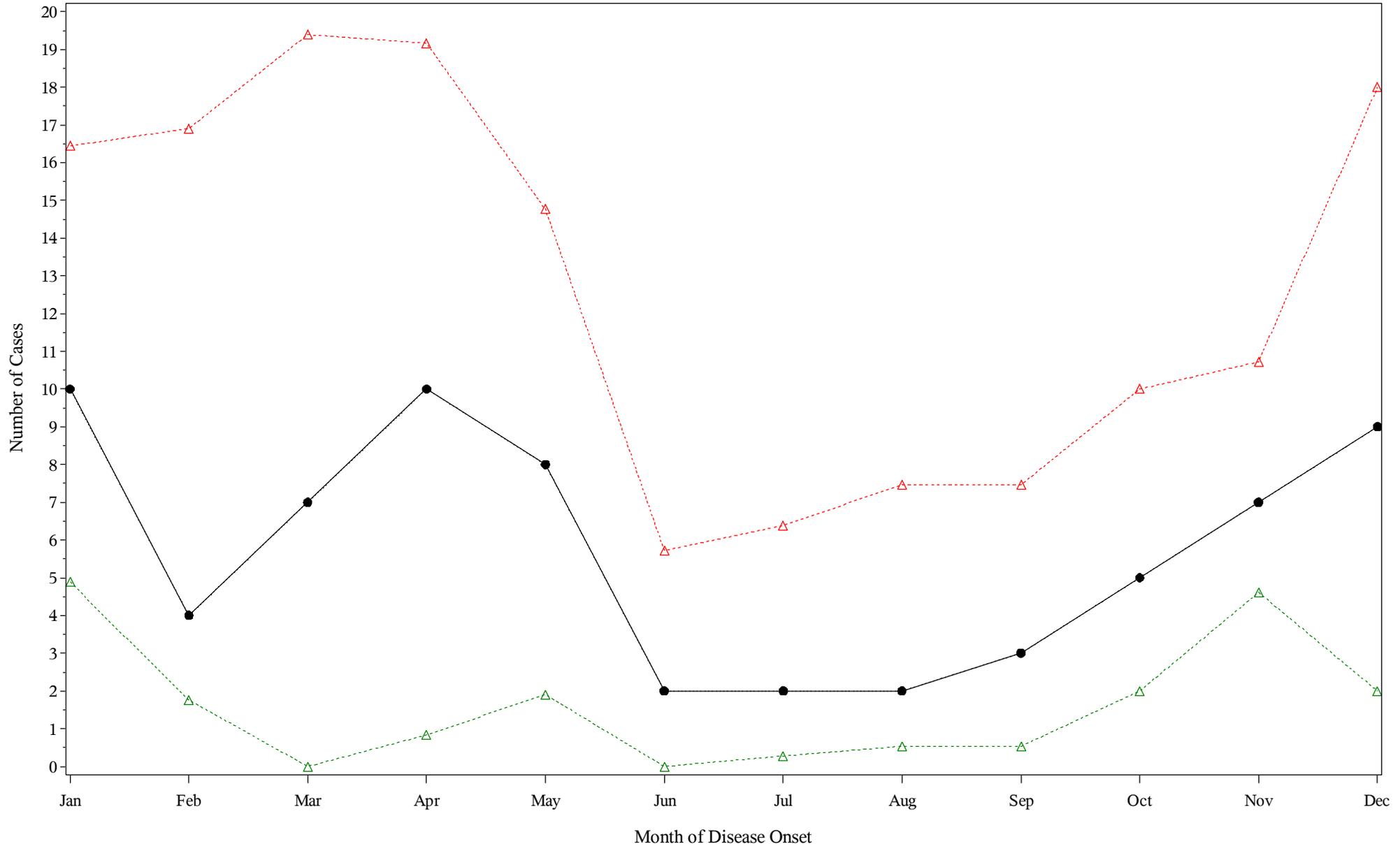
Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest

Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown



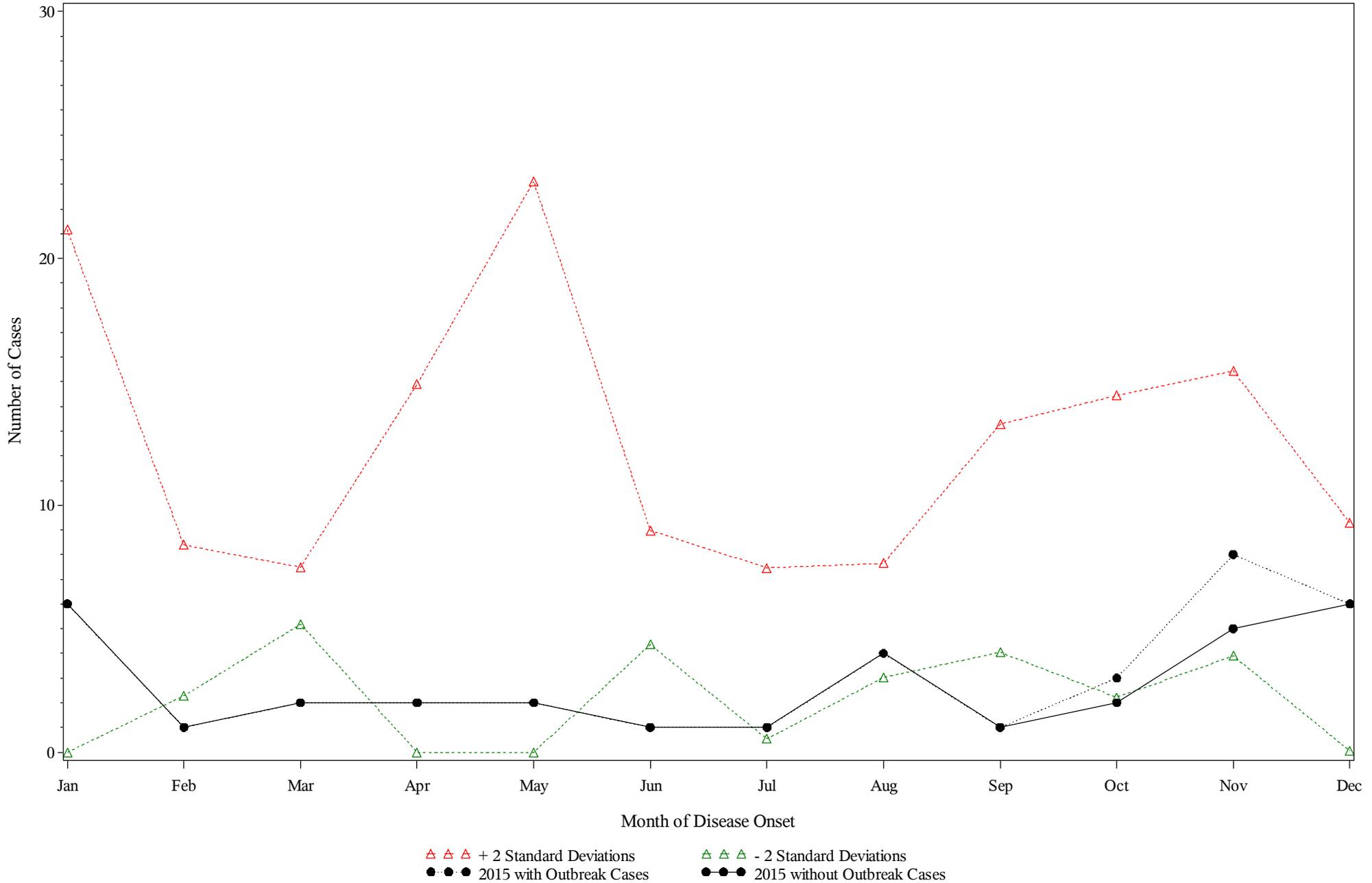
△ △ △ + 2 Standard Deviations
 △ △ △ - 2 Standard Deviations
● ● ● 2015 with Outbreak Cases
 ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest Varicella



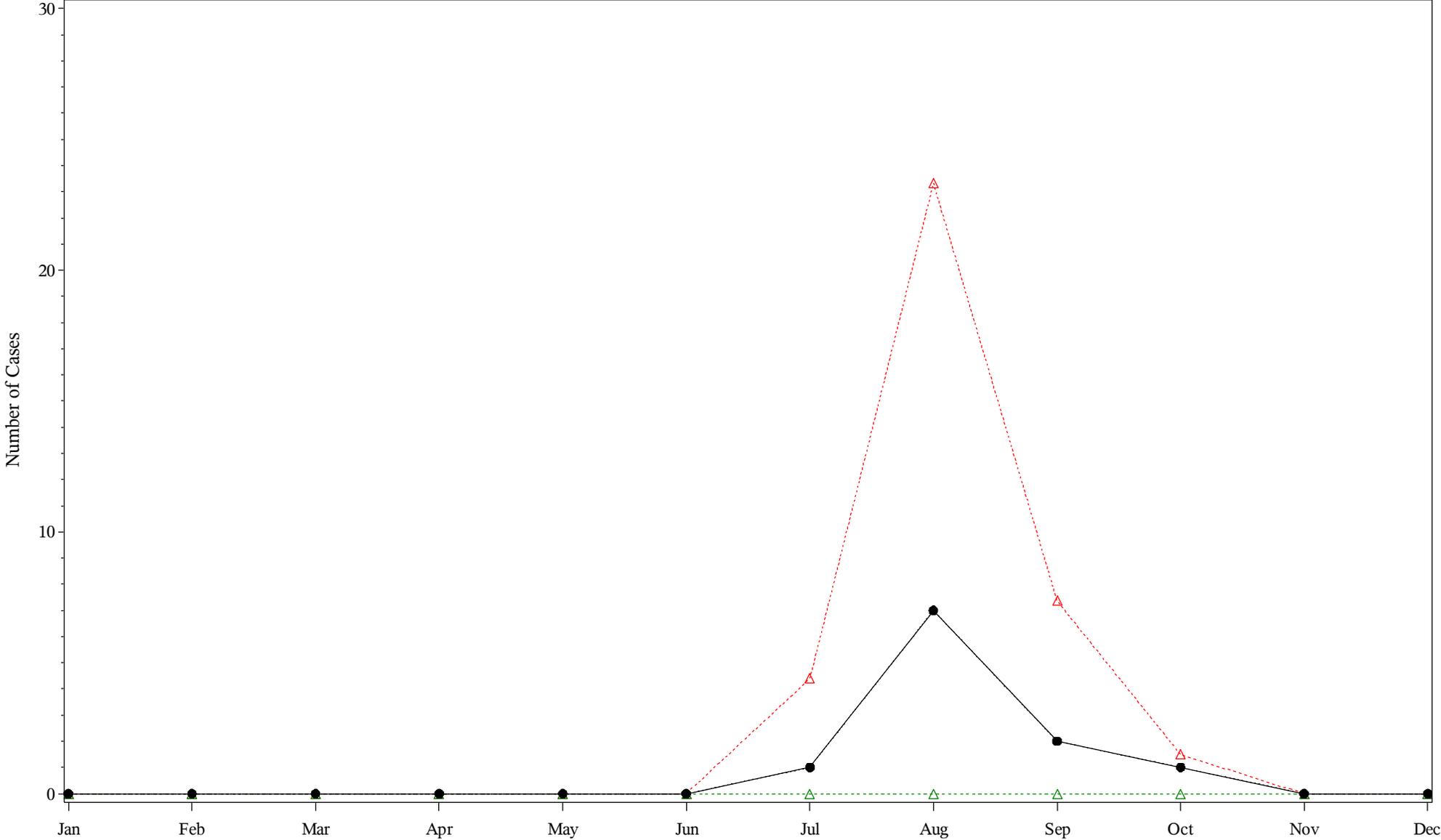
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest West Nile Virus Disease

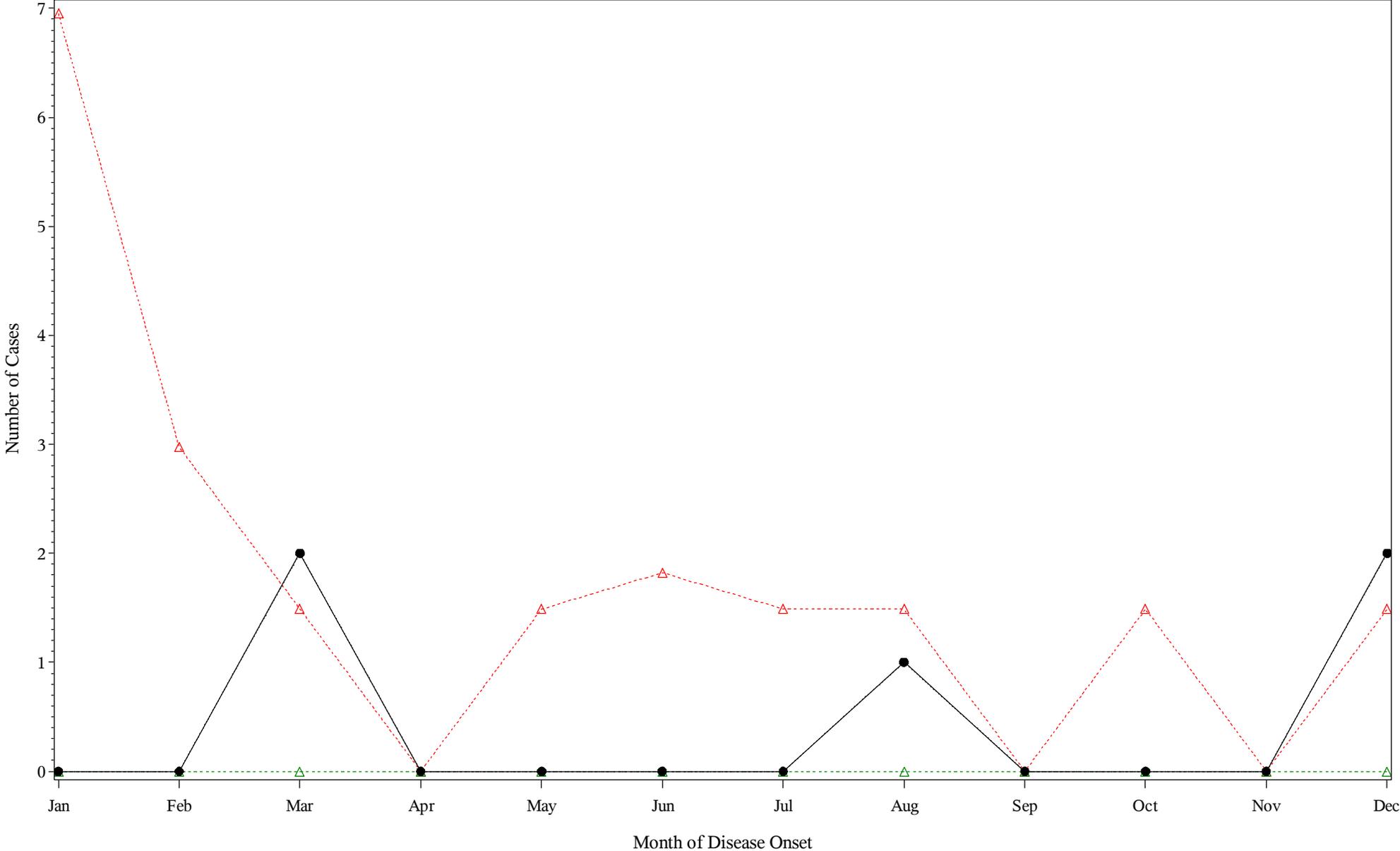


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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

Northwest Yersiniosis

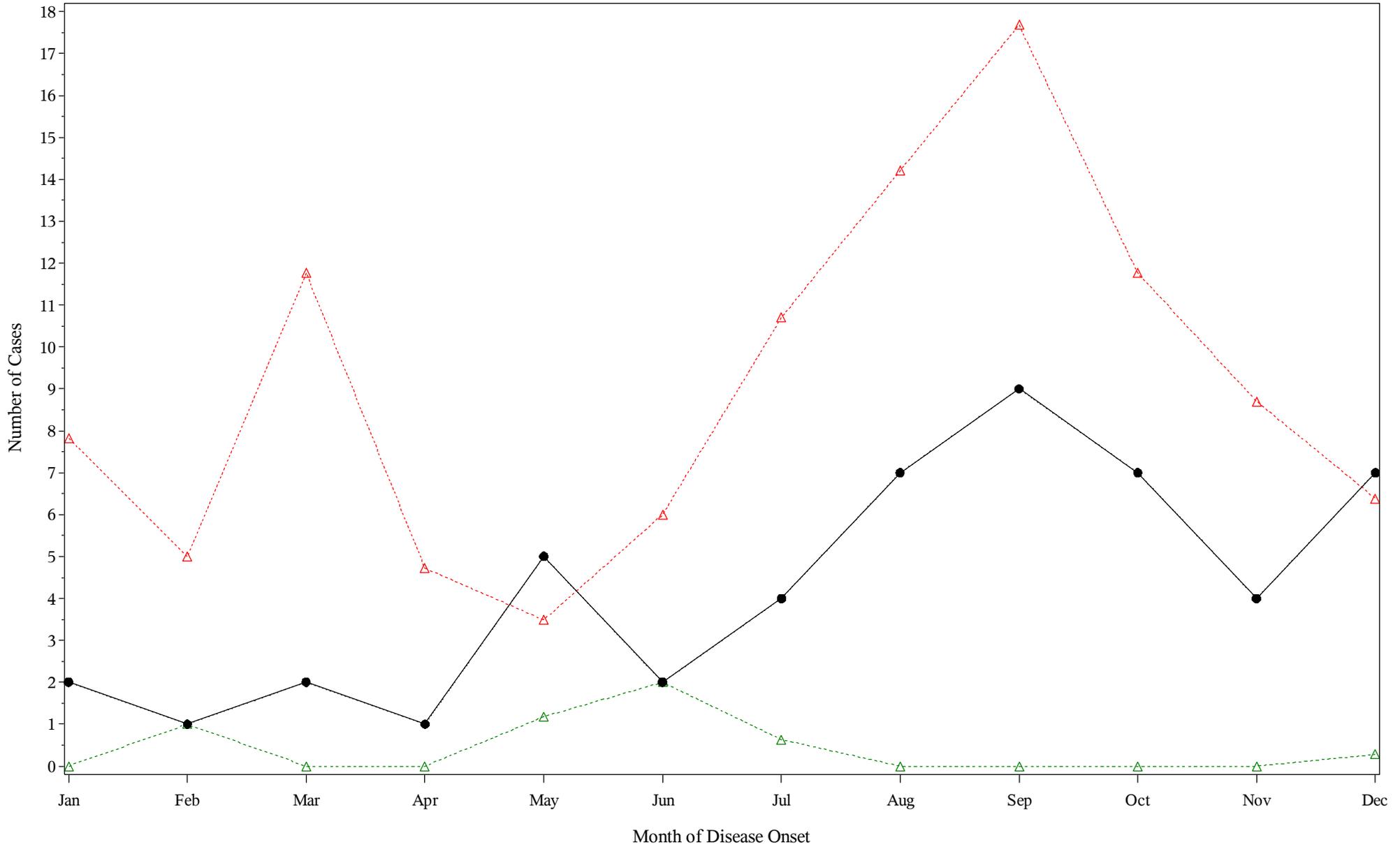


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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southeast Aseptic Meningitis



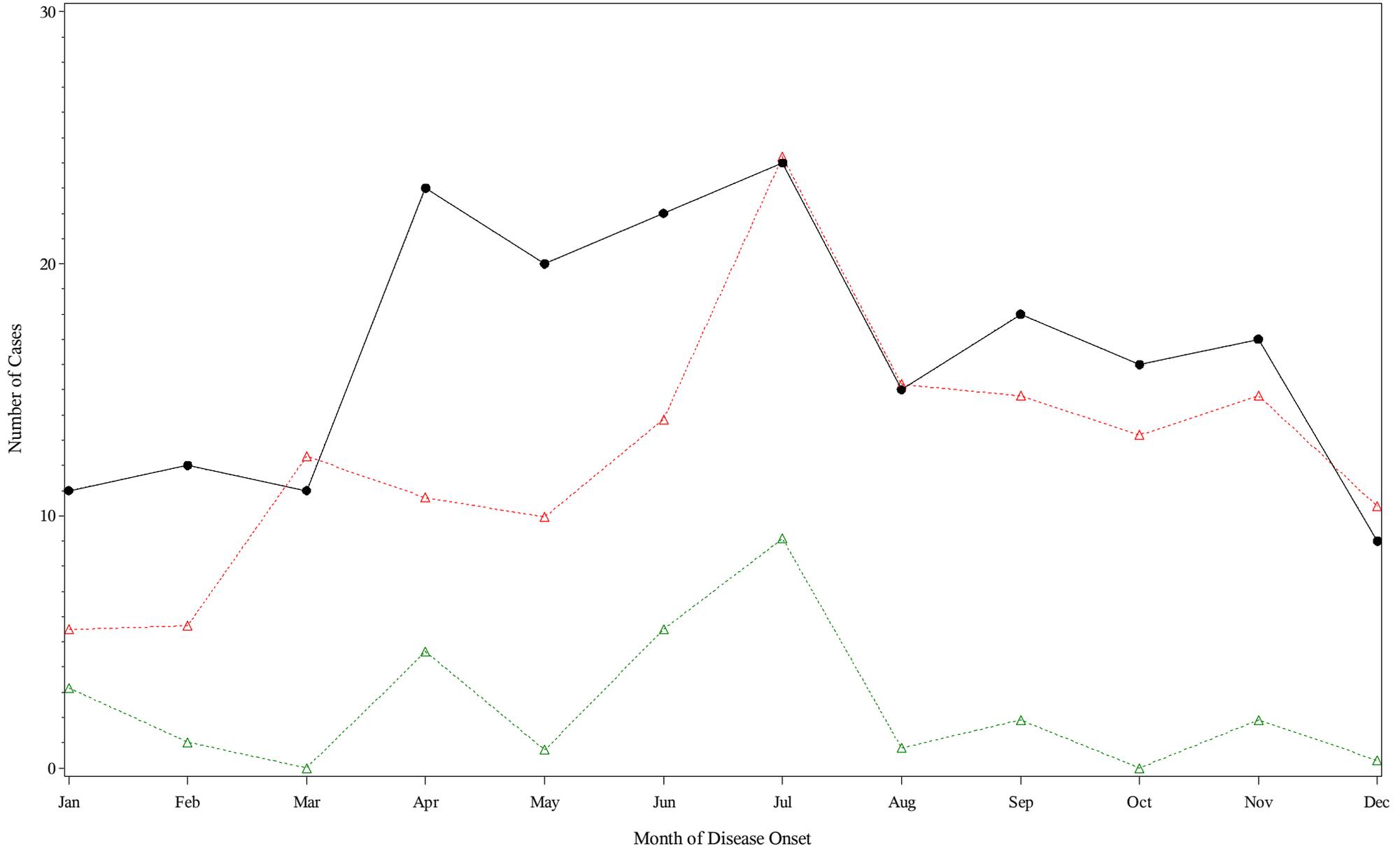
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● ● ● 2015 with Outbreak Cases
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southeast Campylobacteriosis



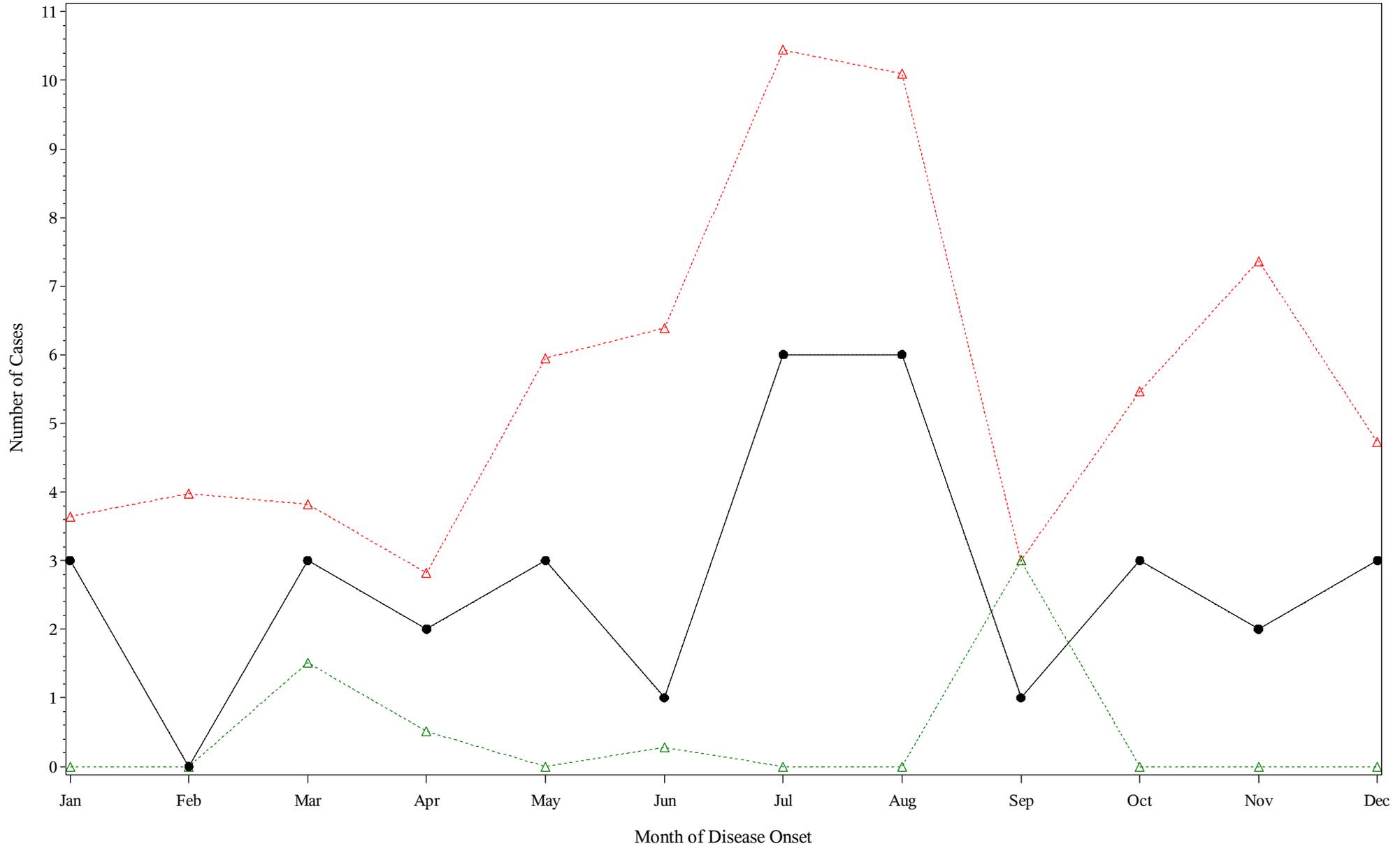
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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southeast Cryptosporidiosis



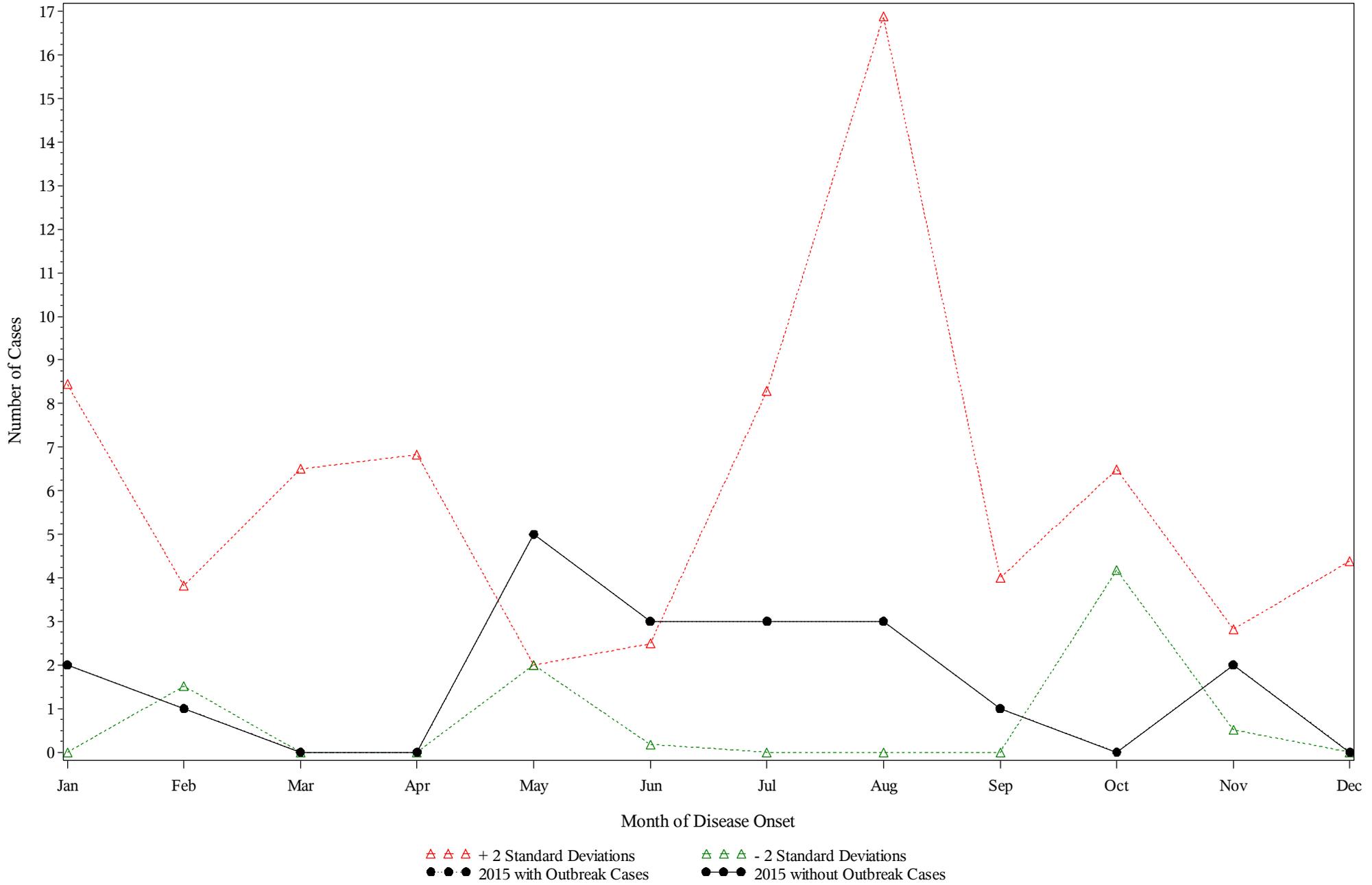
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southeast Giardiasis



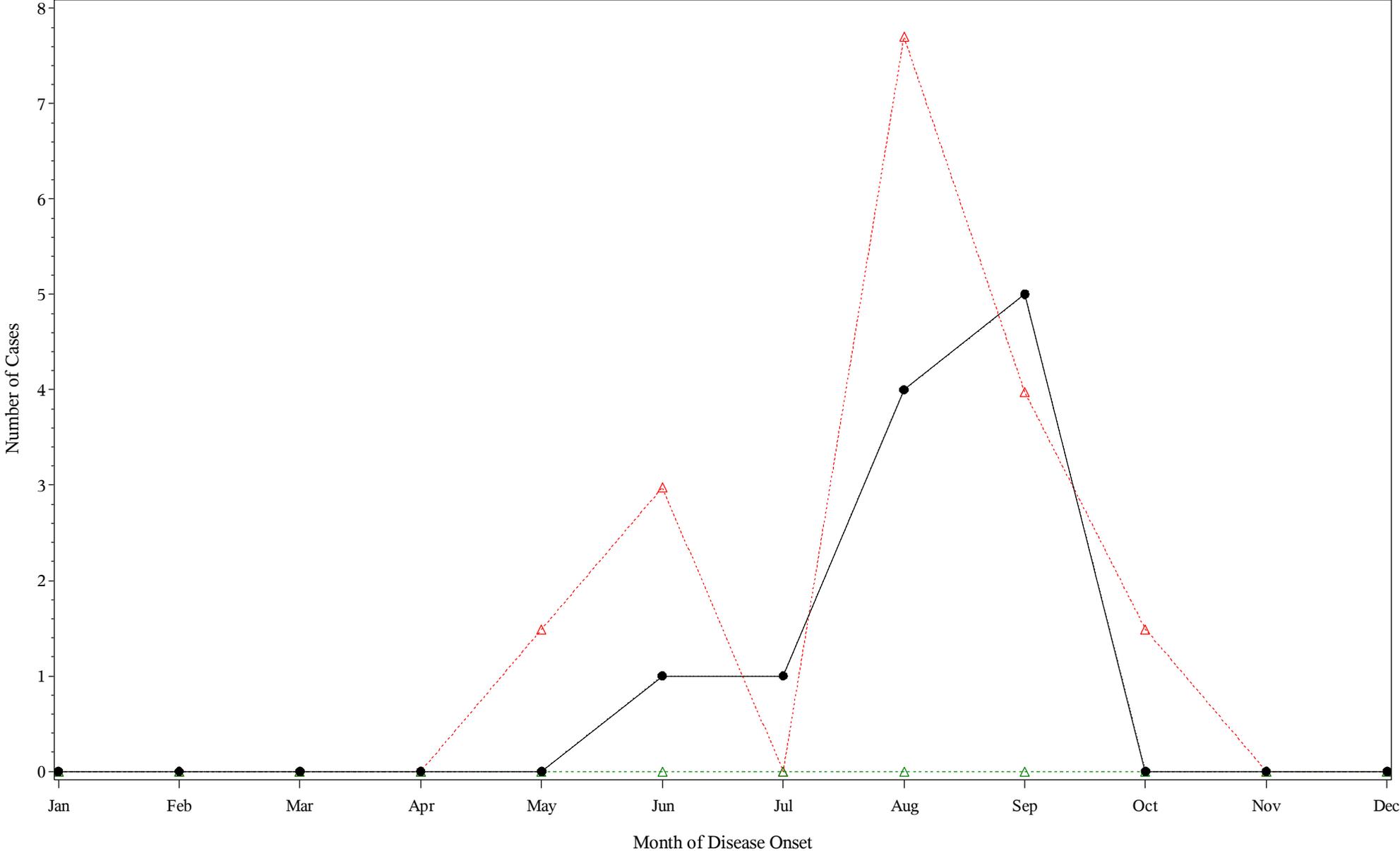
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southeast LaCrosse Virus Disease

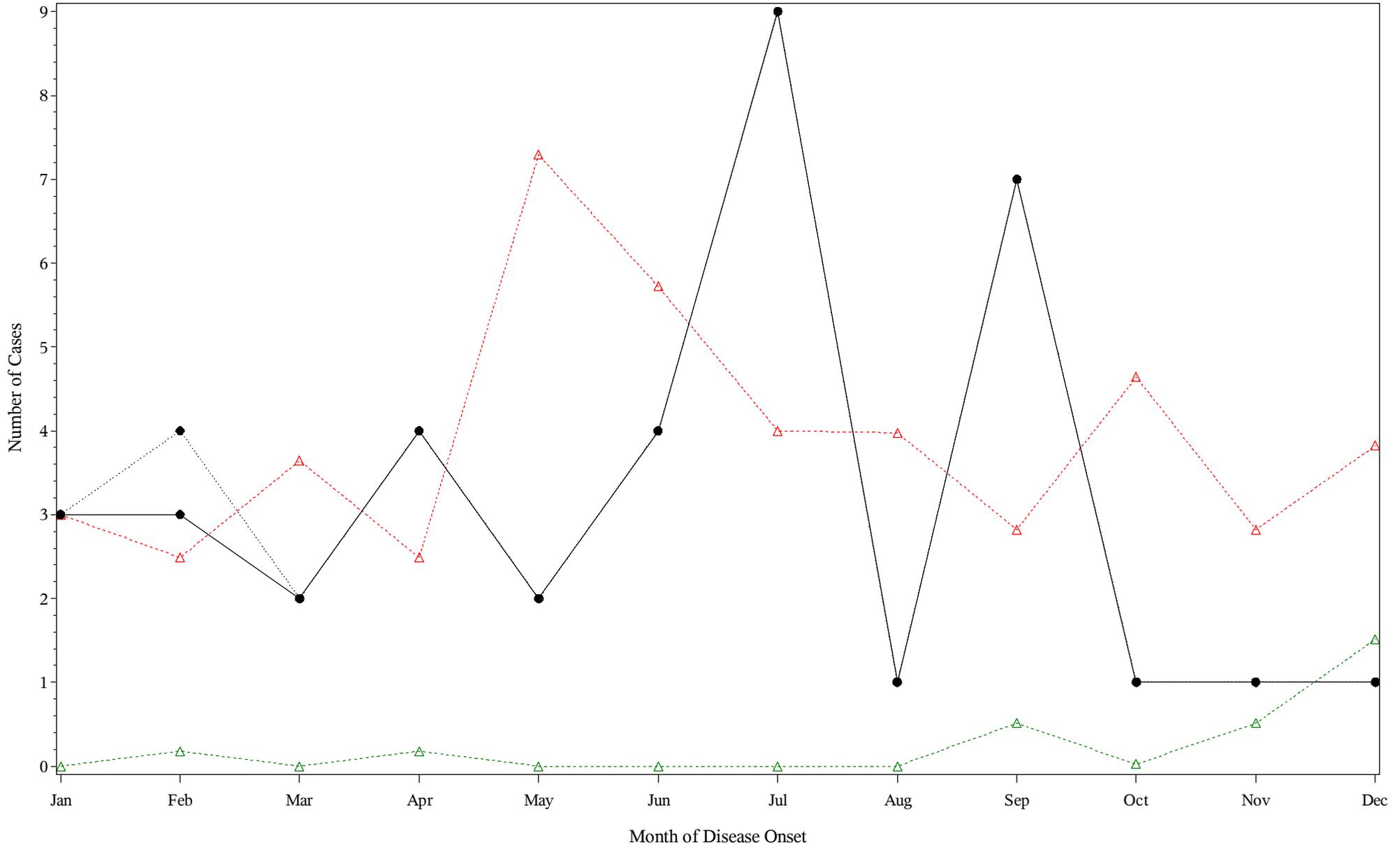


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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southeast Legionellosis

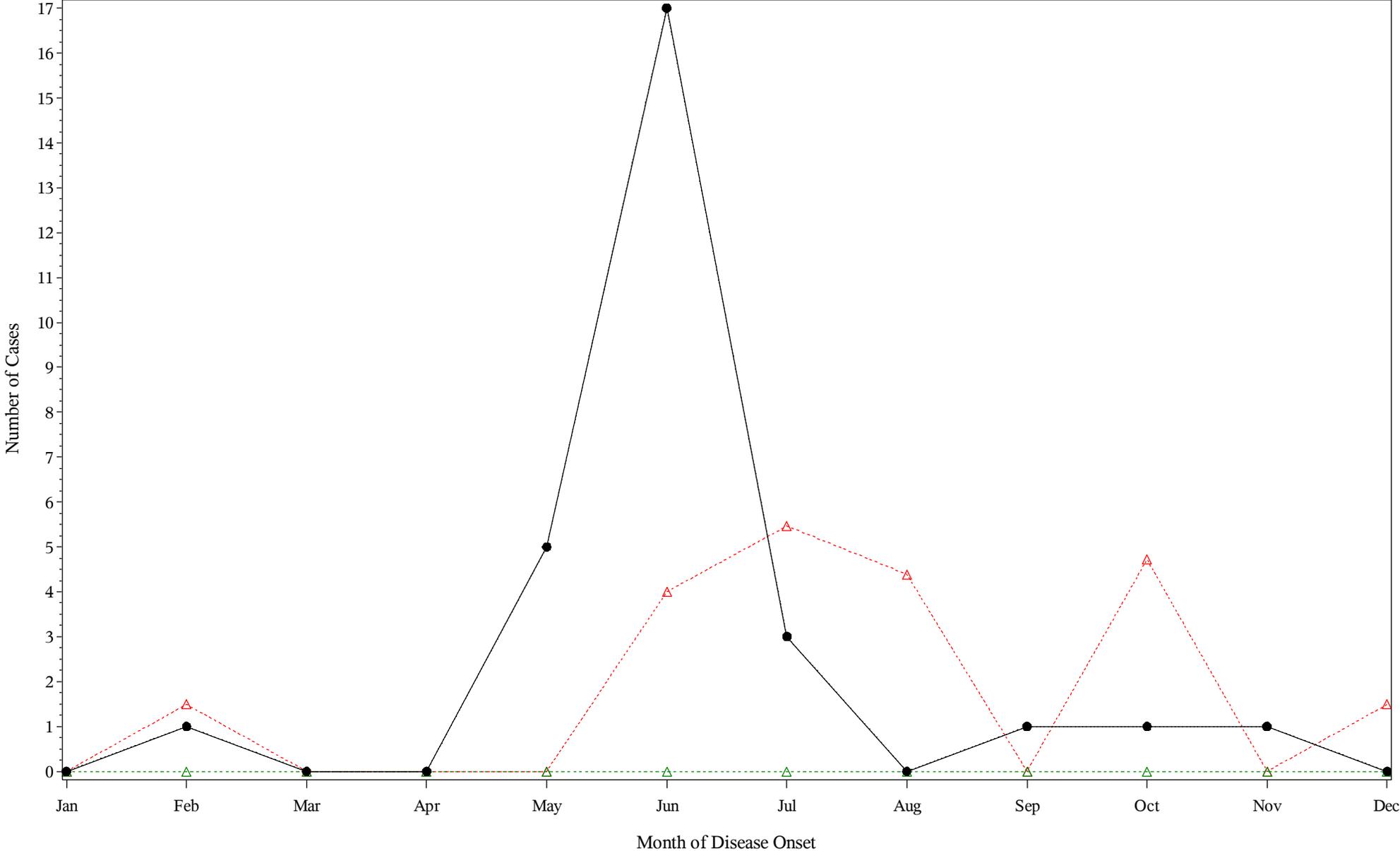


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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southeast Lyme Disease

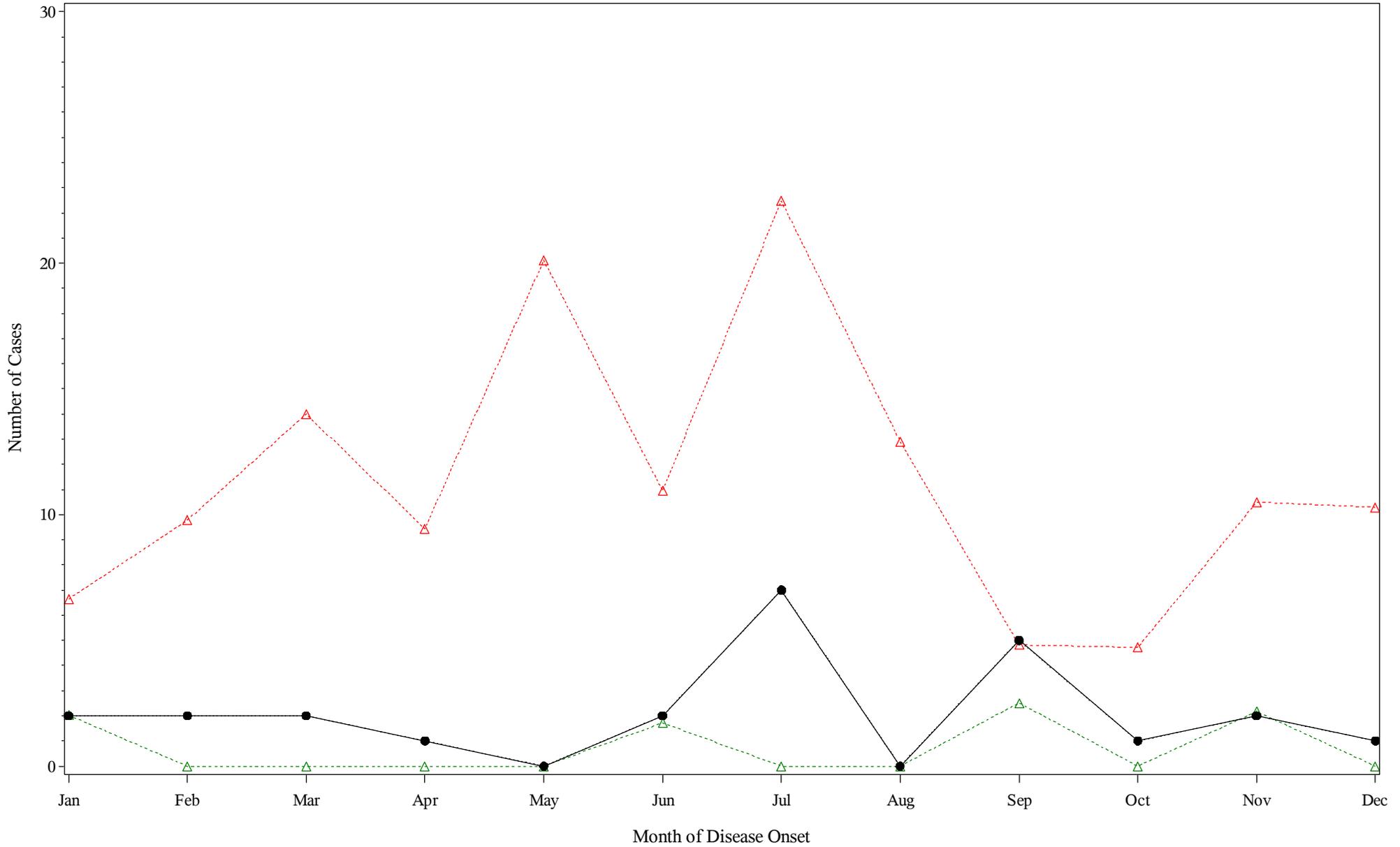


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southeast Pertussis

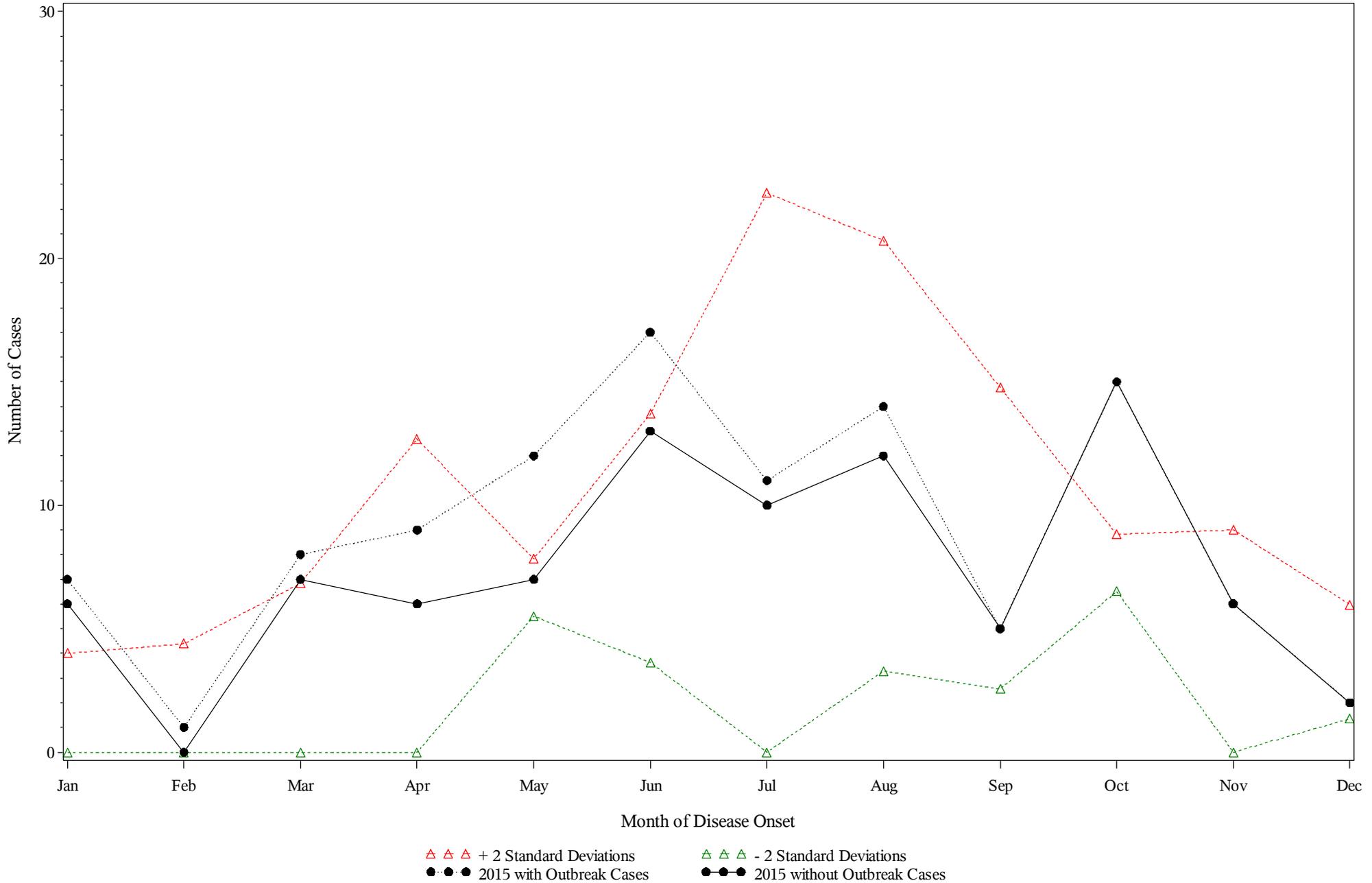


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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southeast Salmonellosis



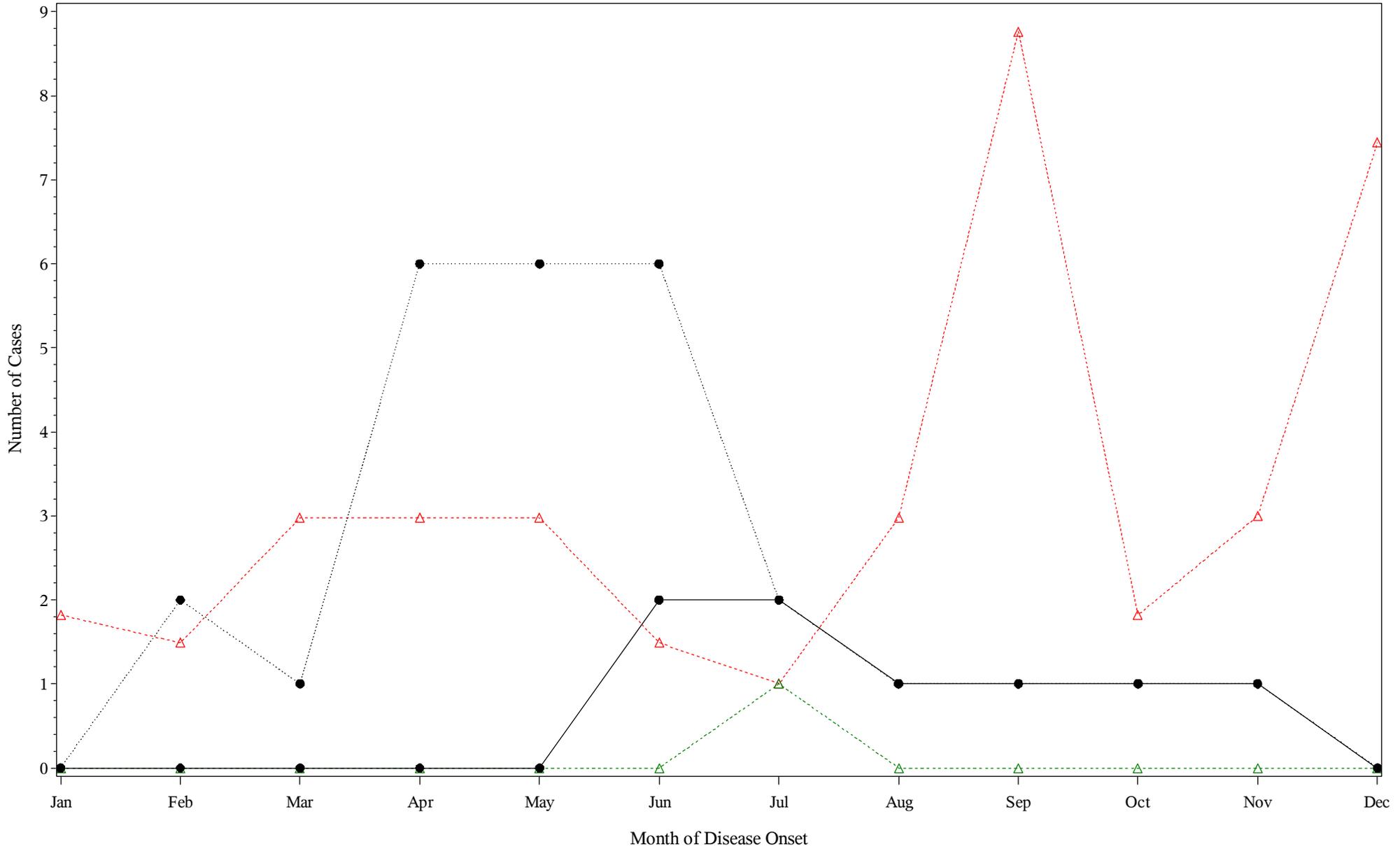
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southeast Shigellosis

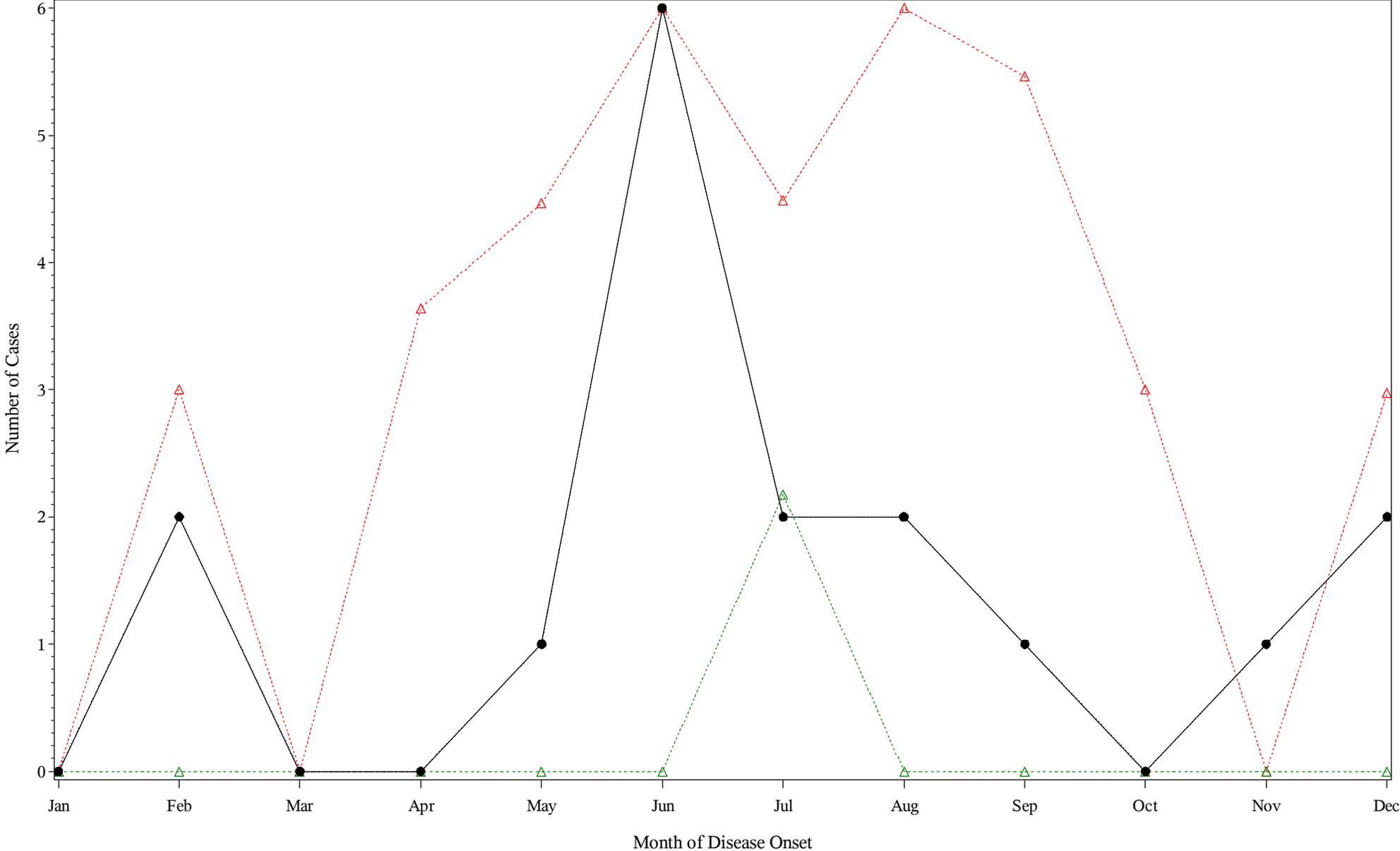


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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southeast Shiga Toxin-Producing Escherichia coli

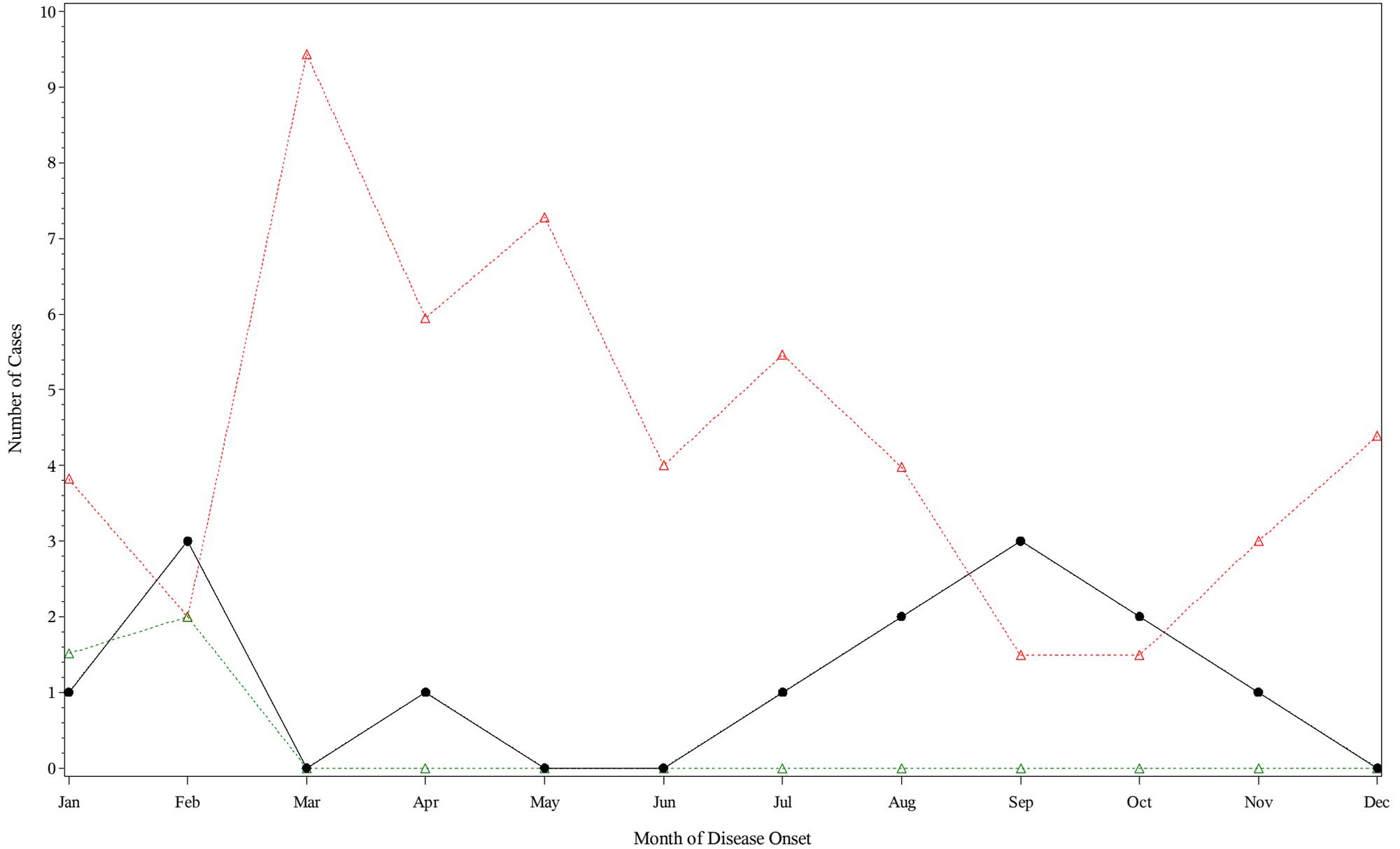


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southeast Streptococcal Disease, Group A, Invasive

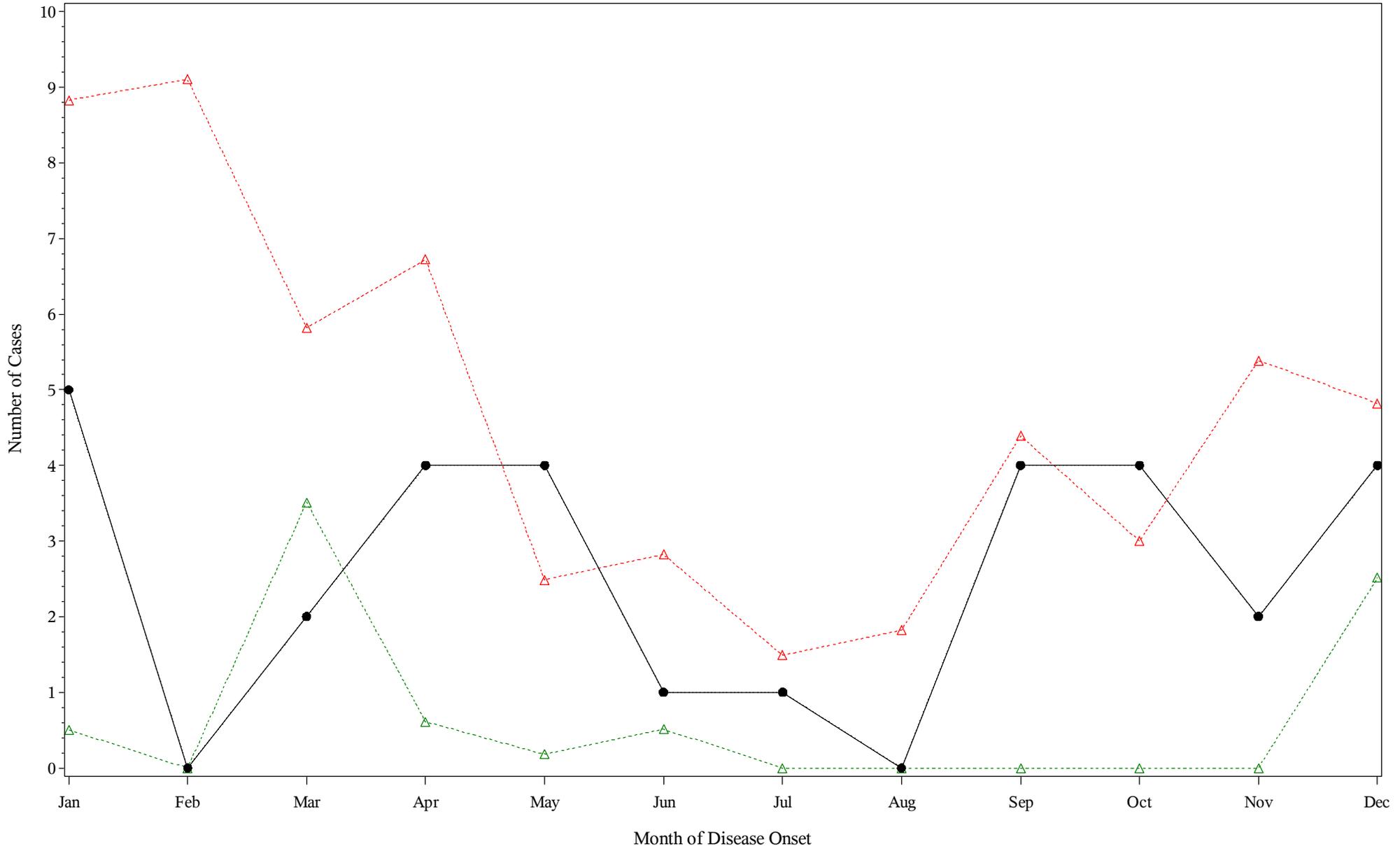


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southeast Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate



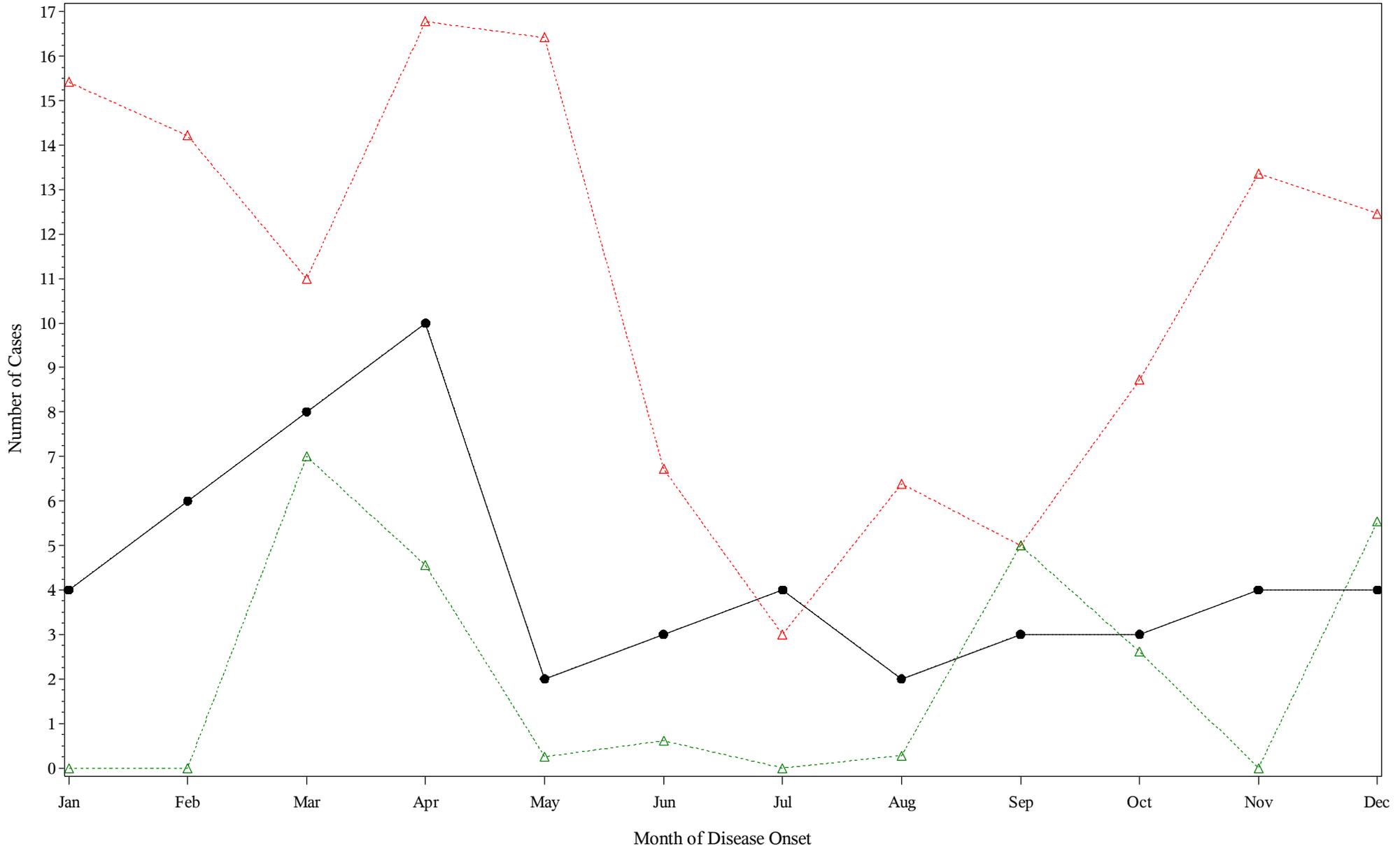
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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

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



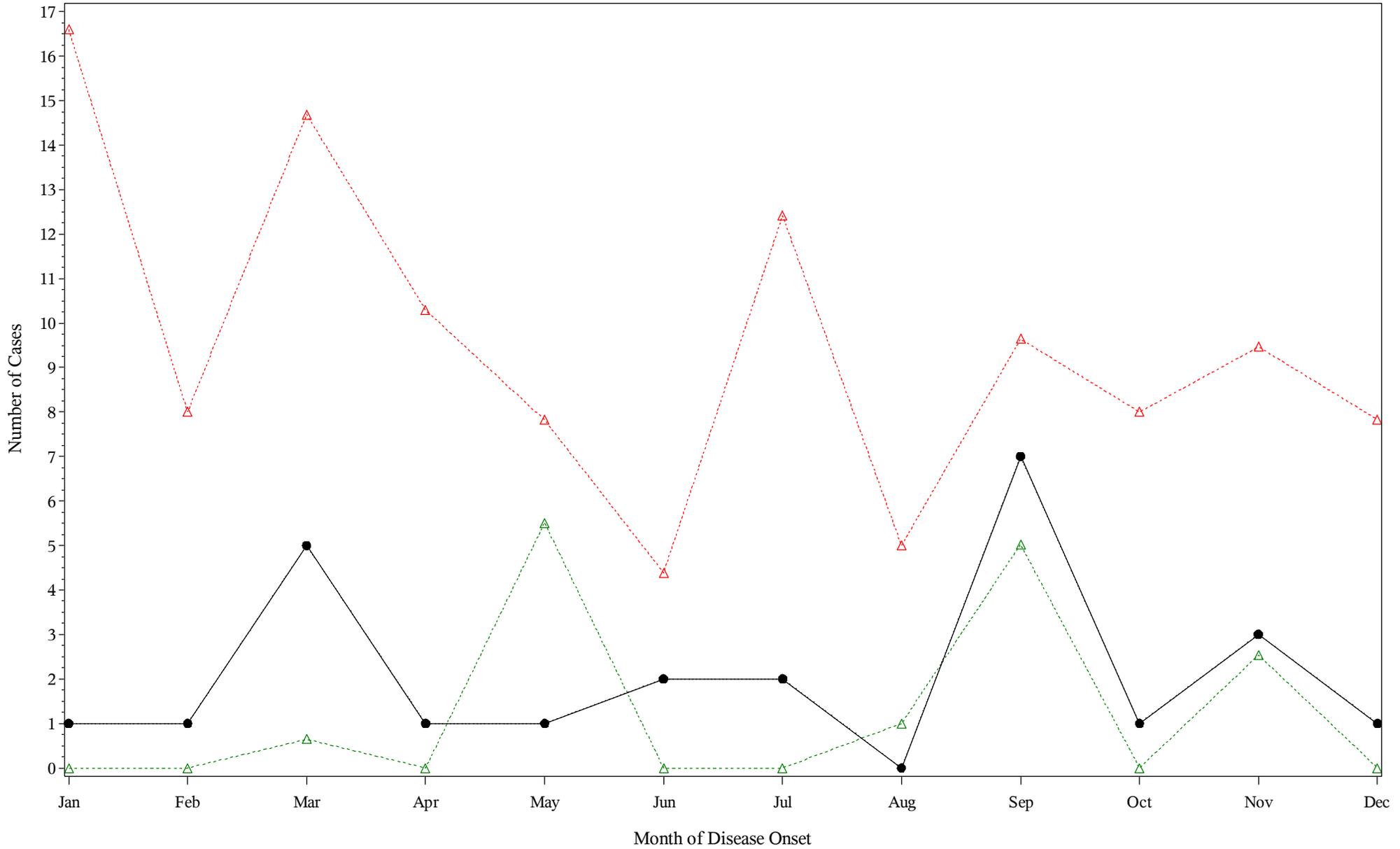
△ △ △ + 2 Standard Deviations △ △ △ - 2 Standard Deviations
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southeast Varicella

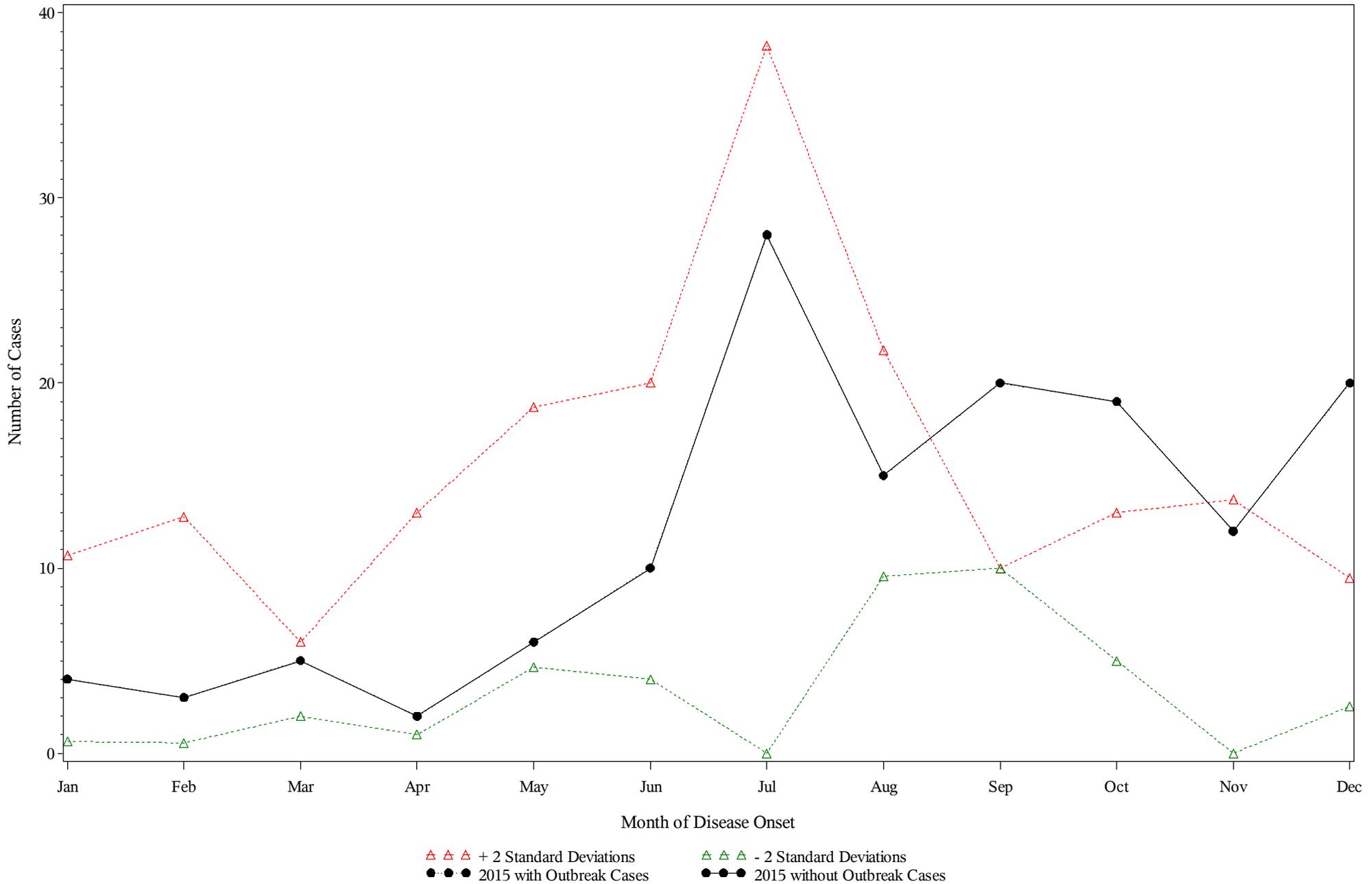


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● ● ● 2015 with Outbreak Cases
 ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Aseptic Meningitis



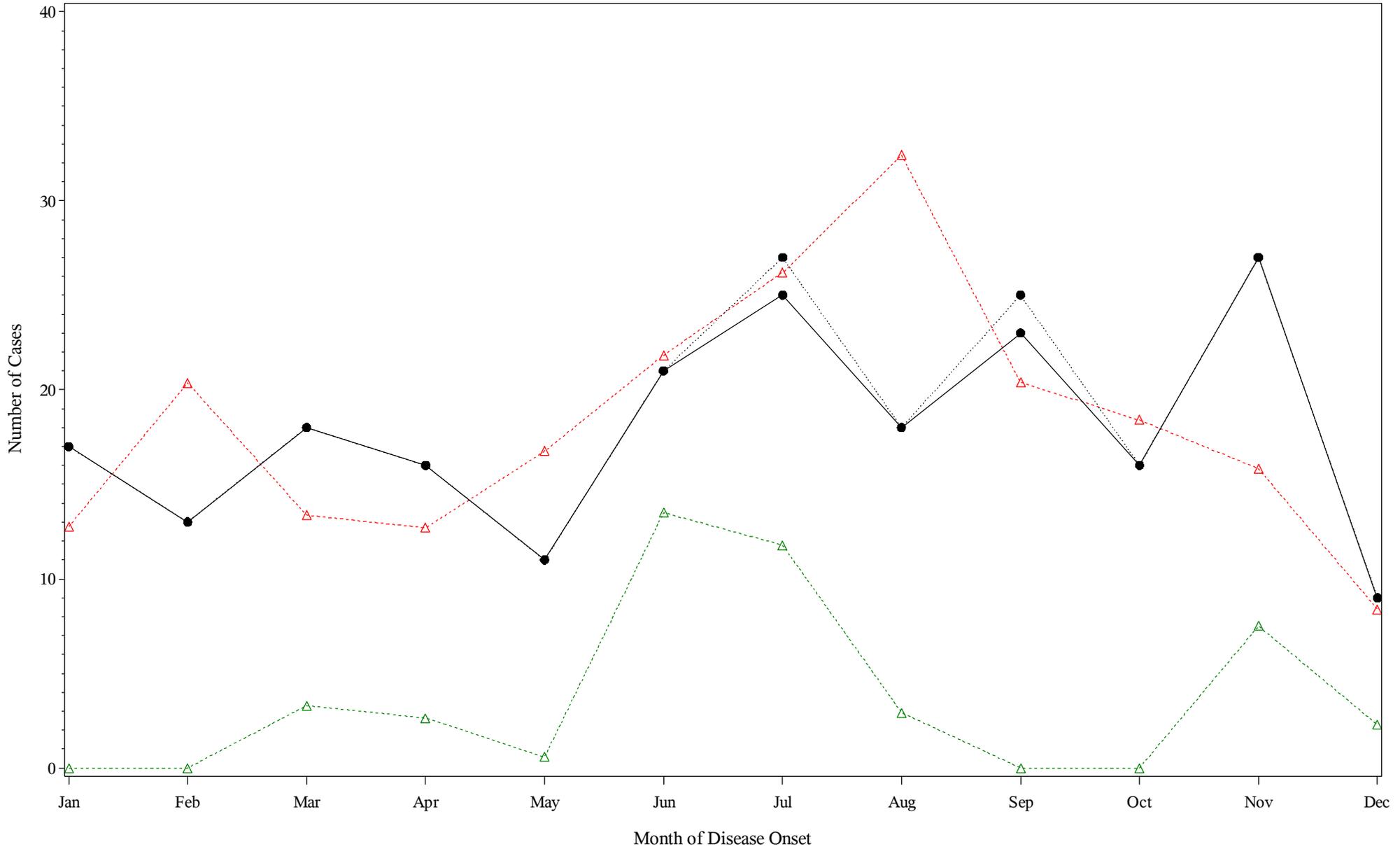
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Campylobacteriosis



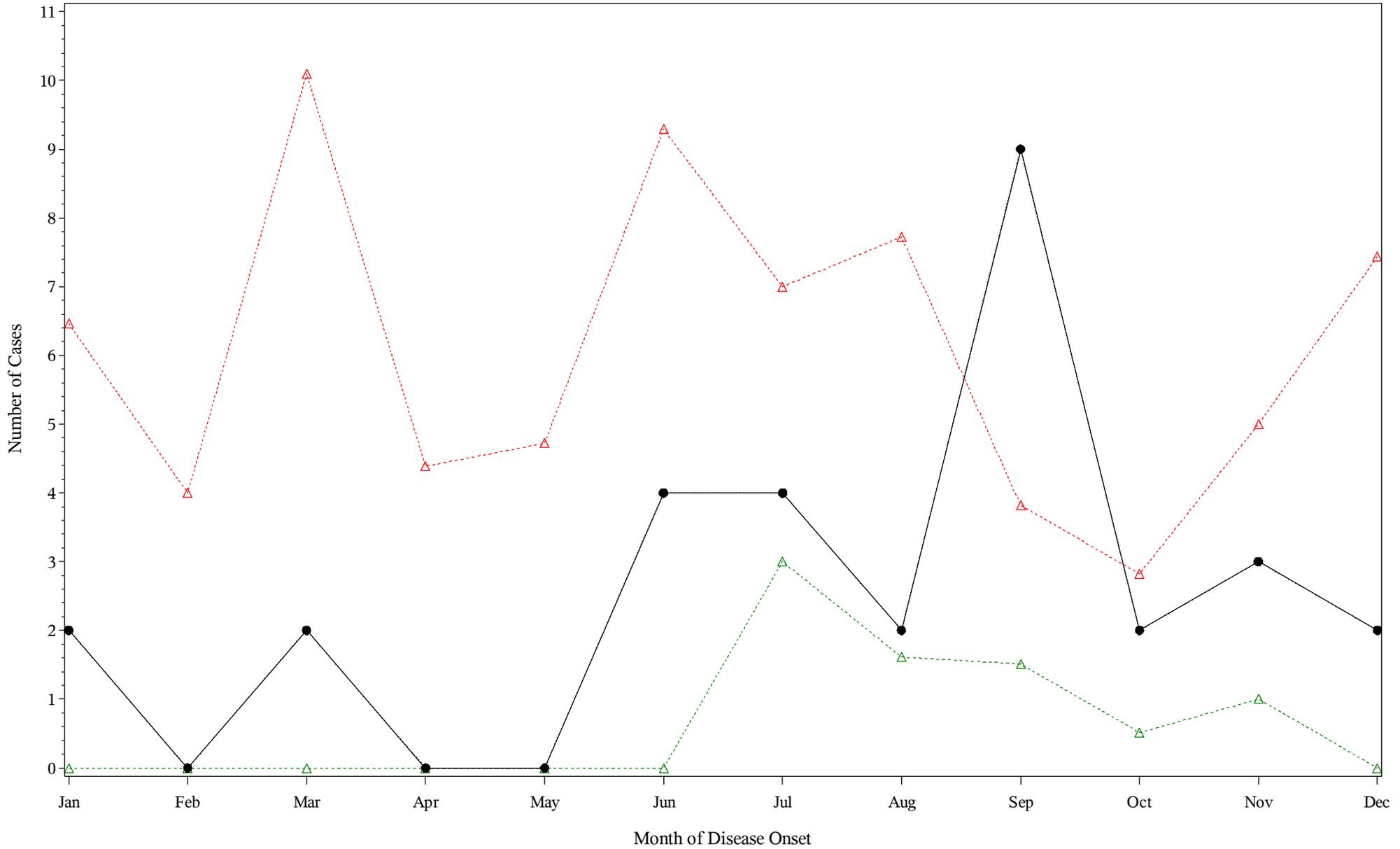
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Cryptosporidiosis

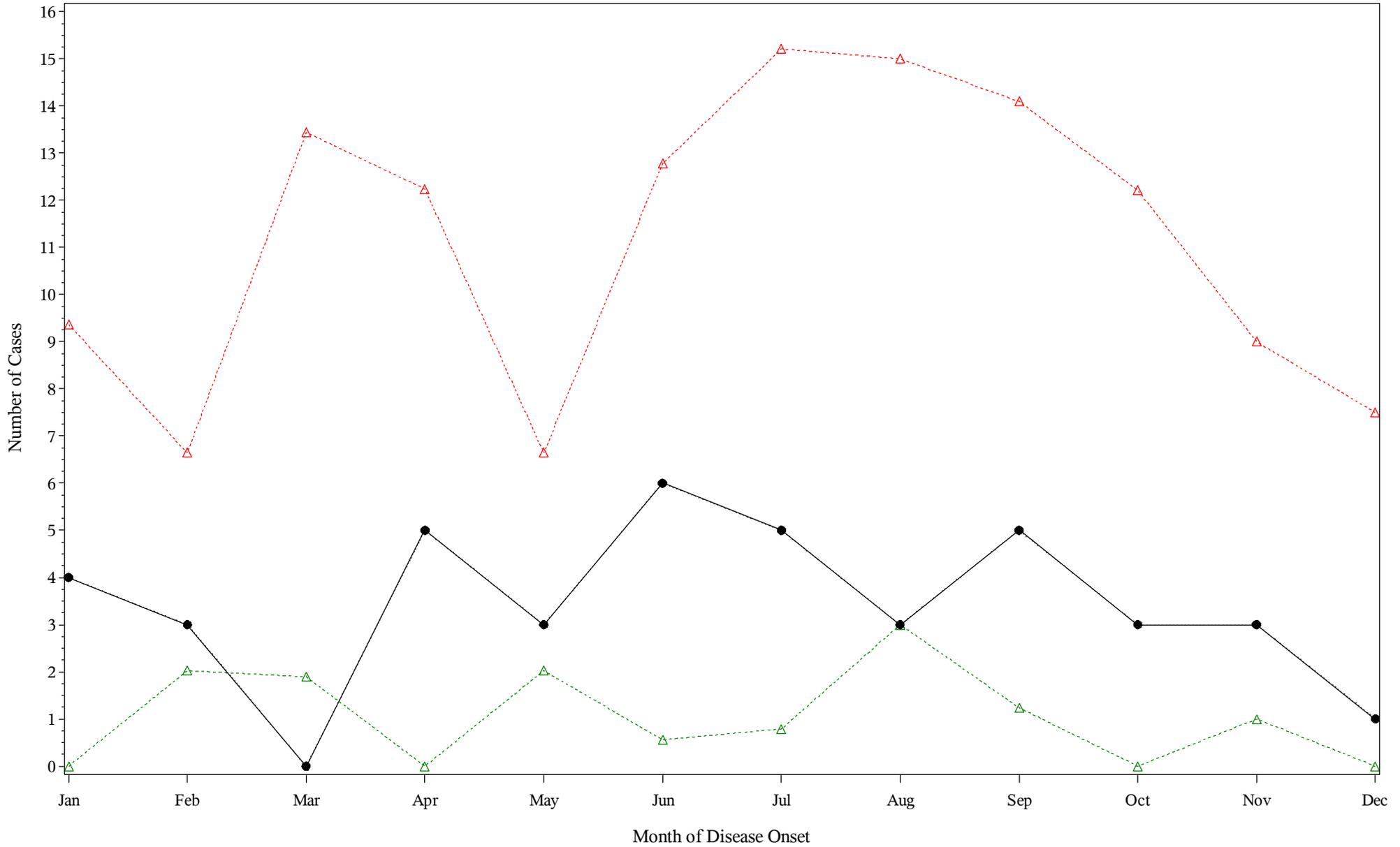


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Giardiasis

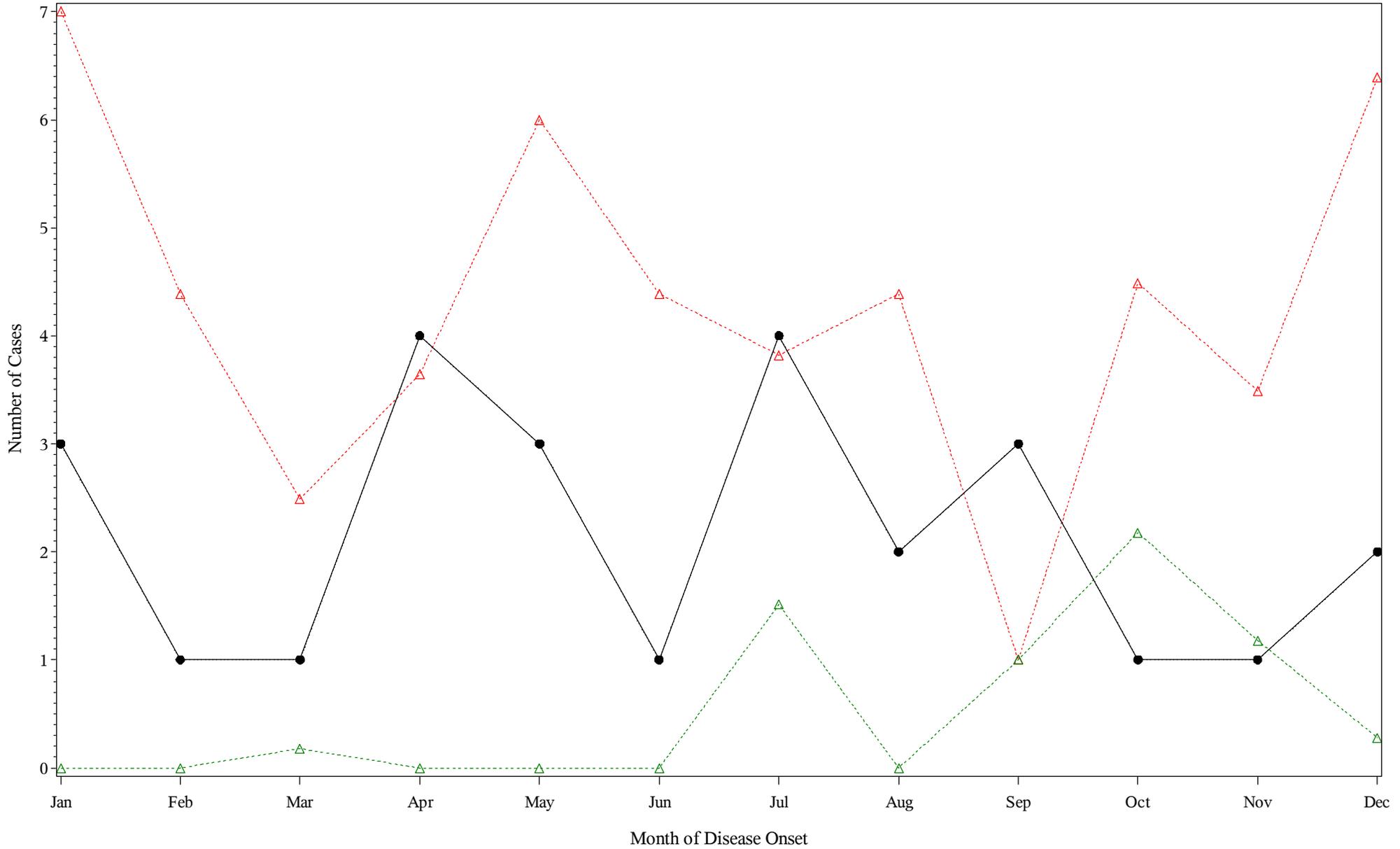


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Haemophilus influenzae, Invasive

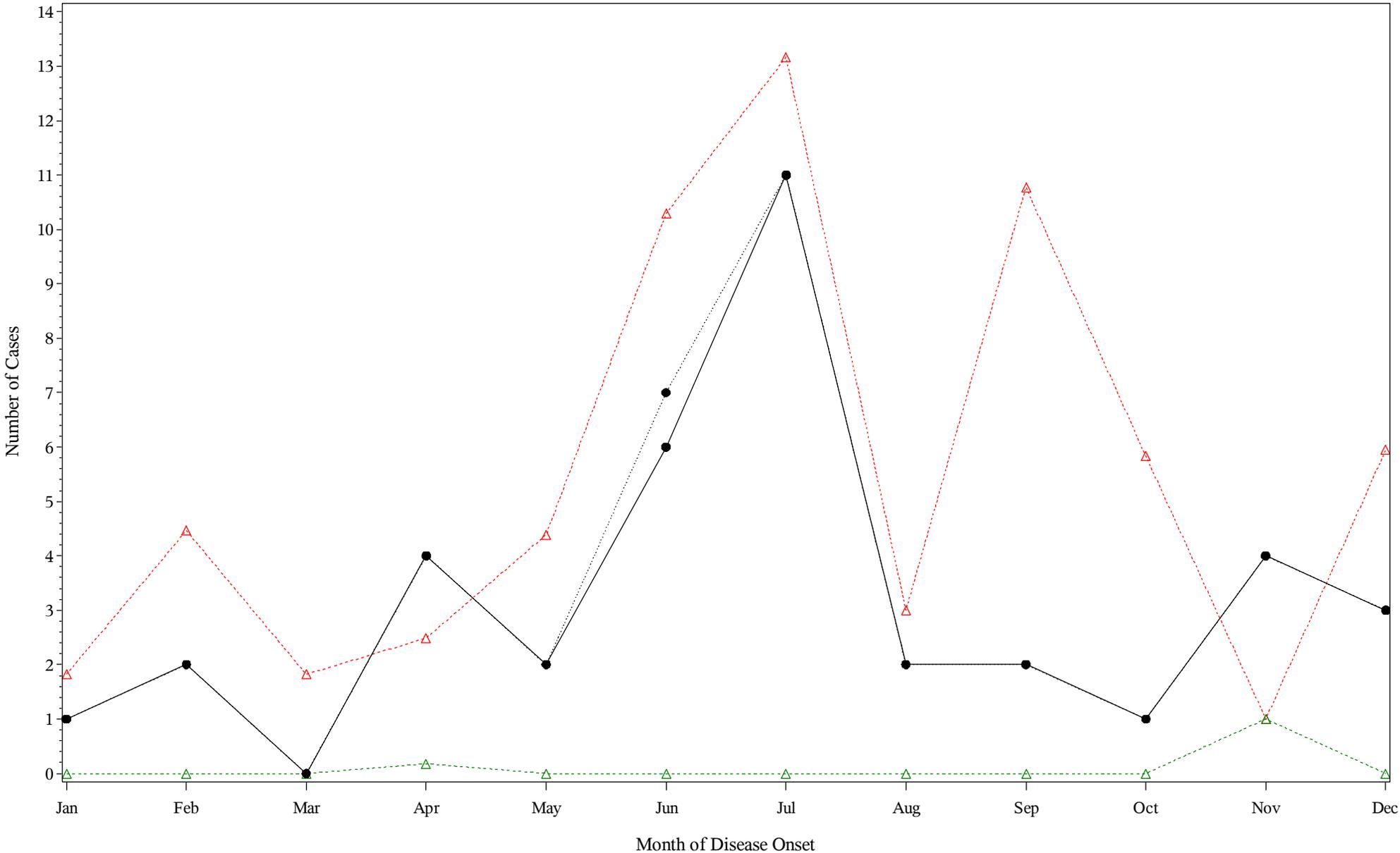


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 ● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Legionellosis

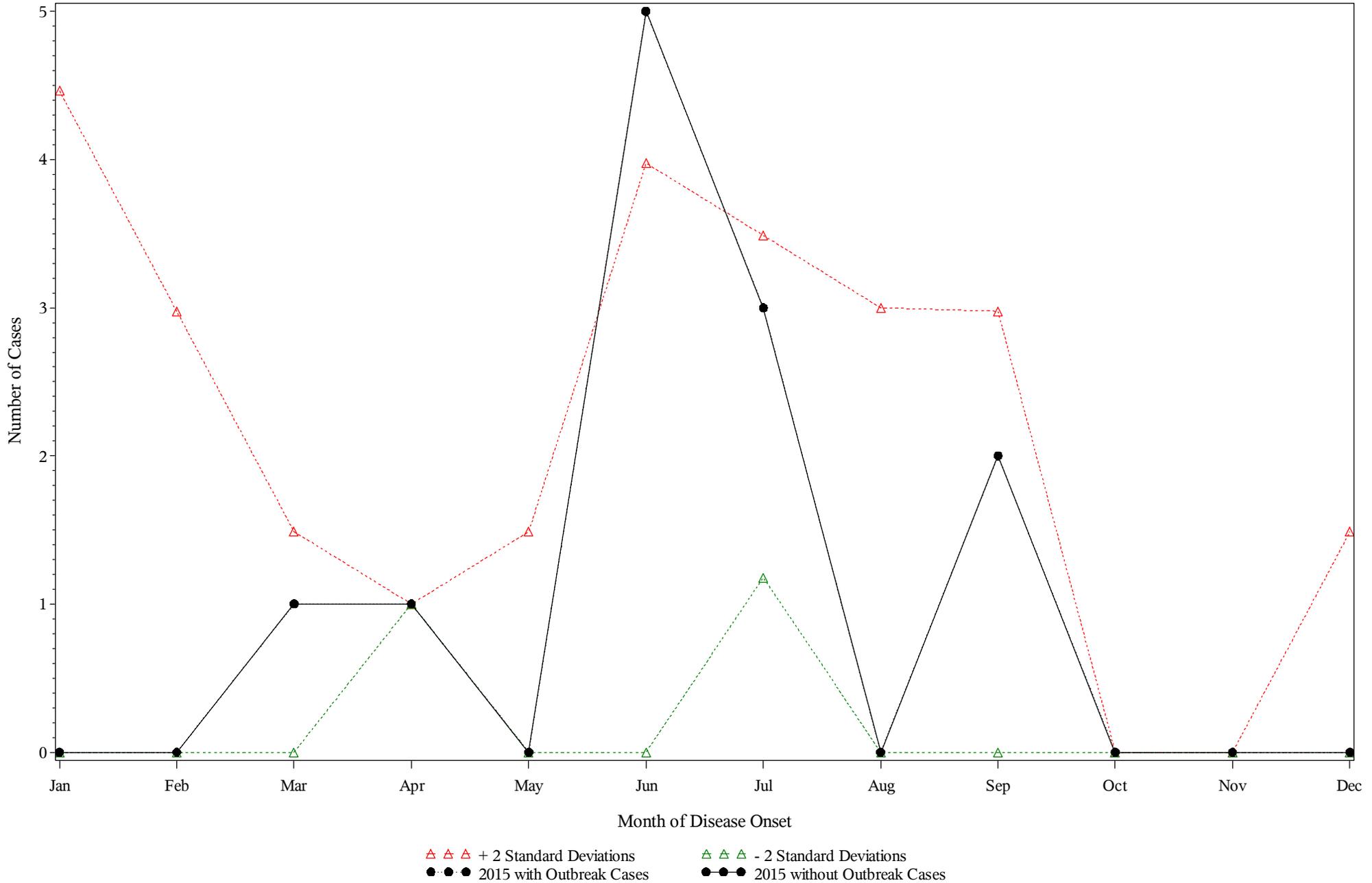


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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Lyme Disease



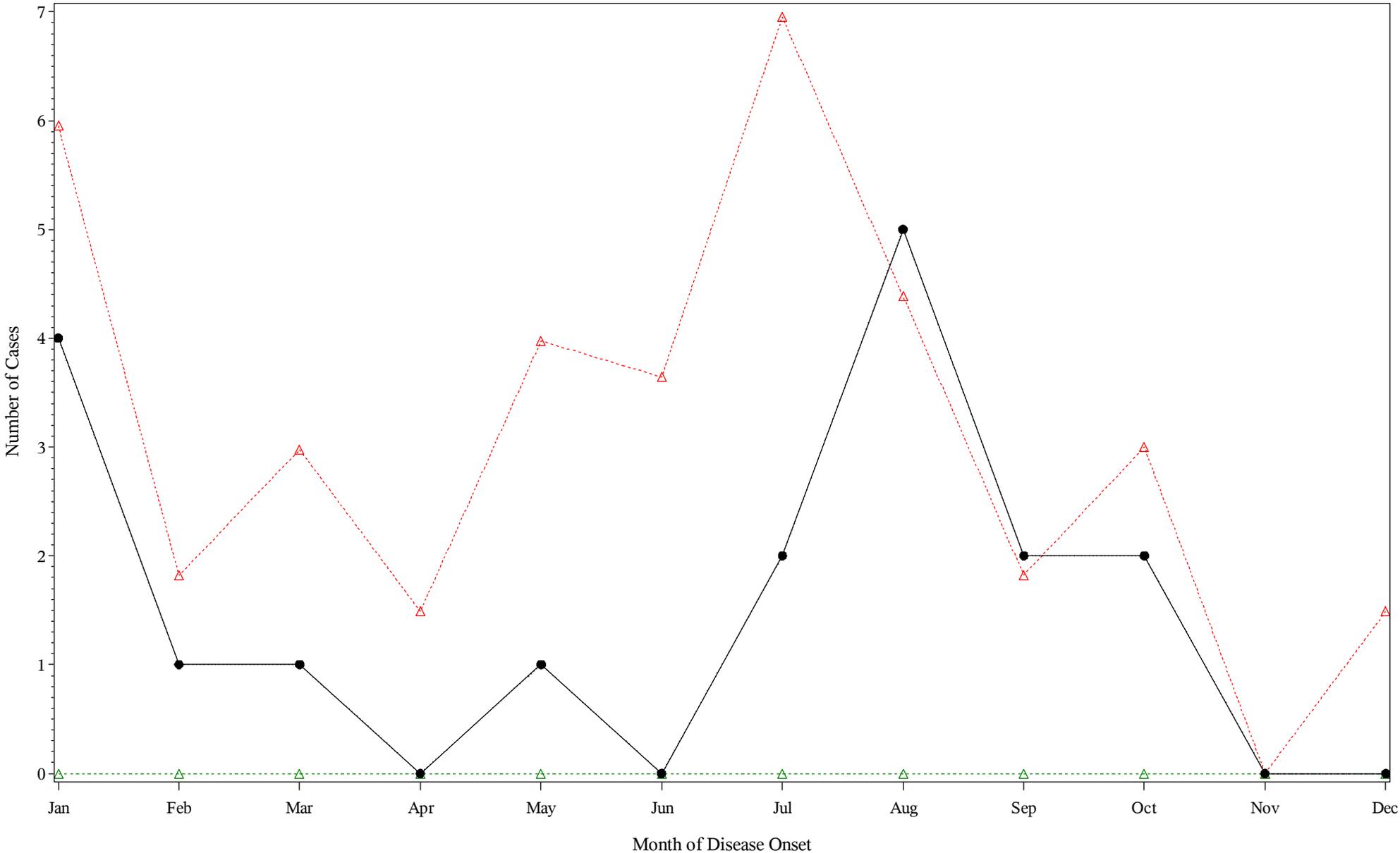
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Bacterial Meningitis

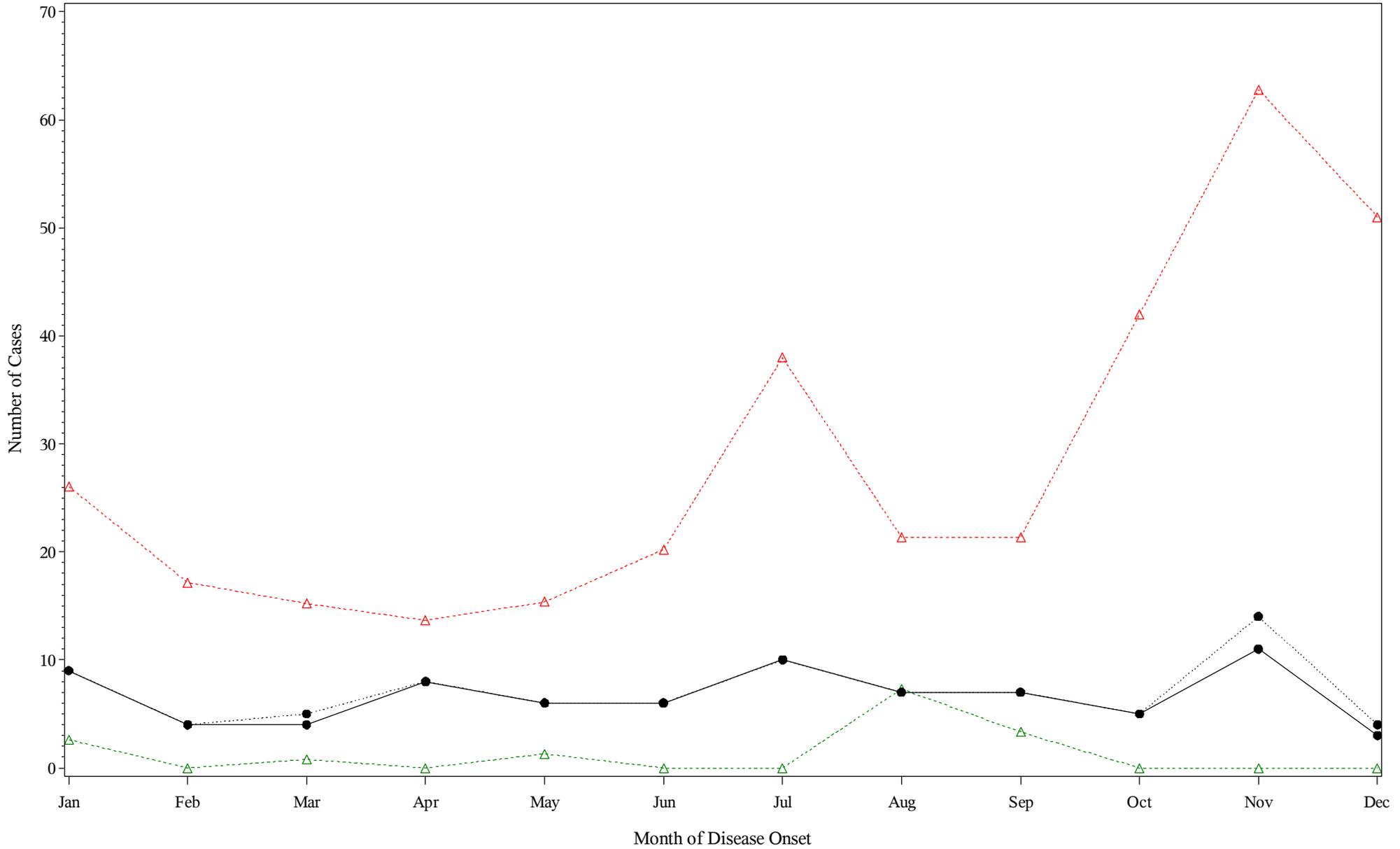


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● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Pertussis



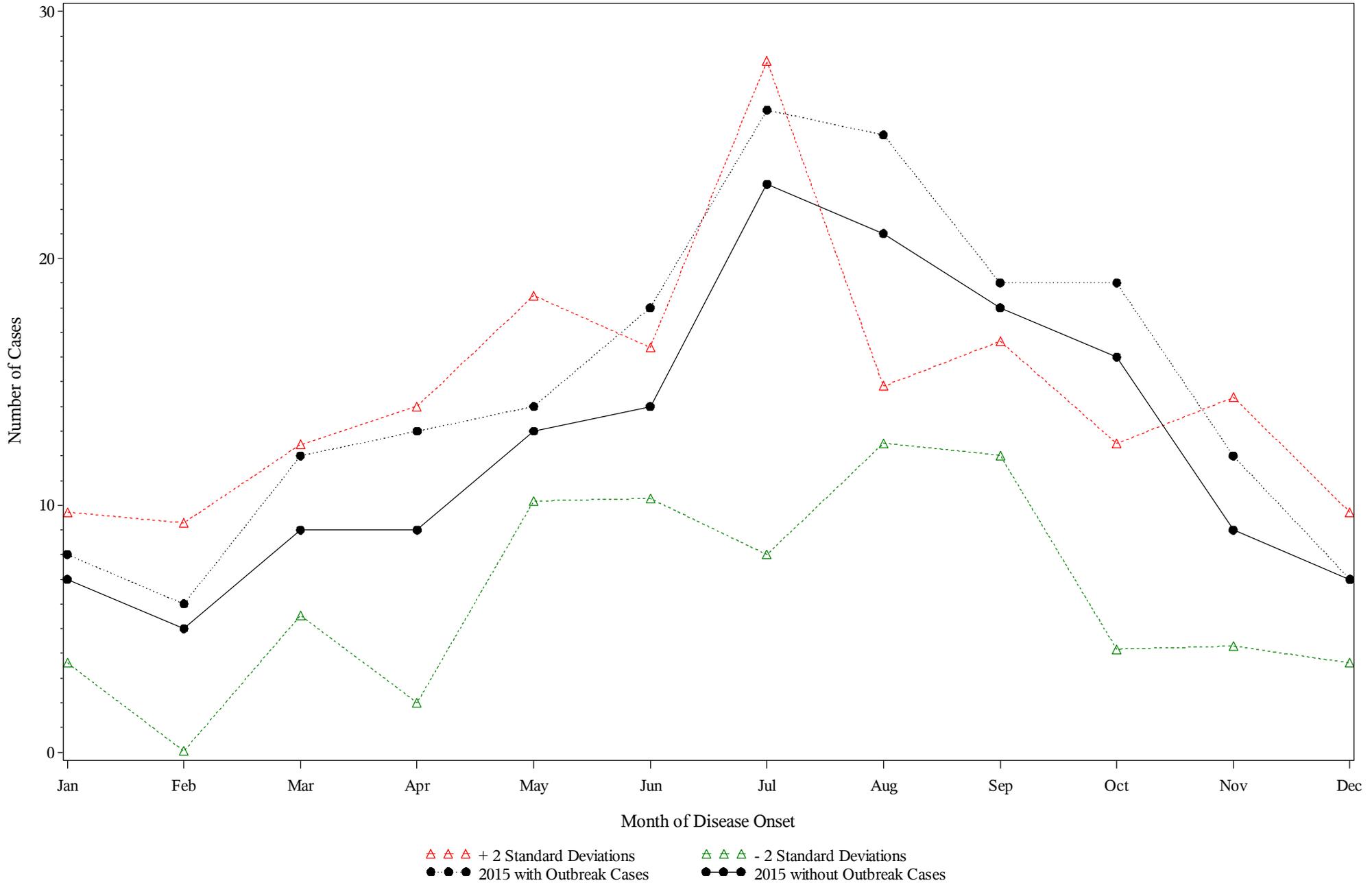
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● ● ● 2015 with Outbreak Cases
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Salmonellosis



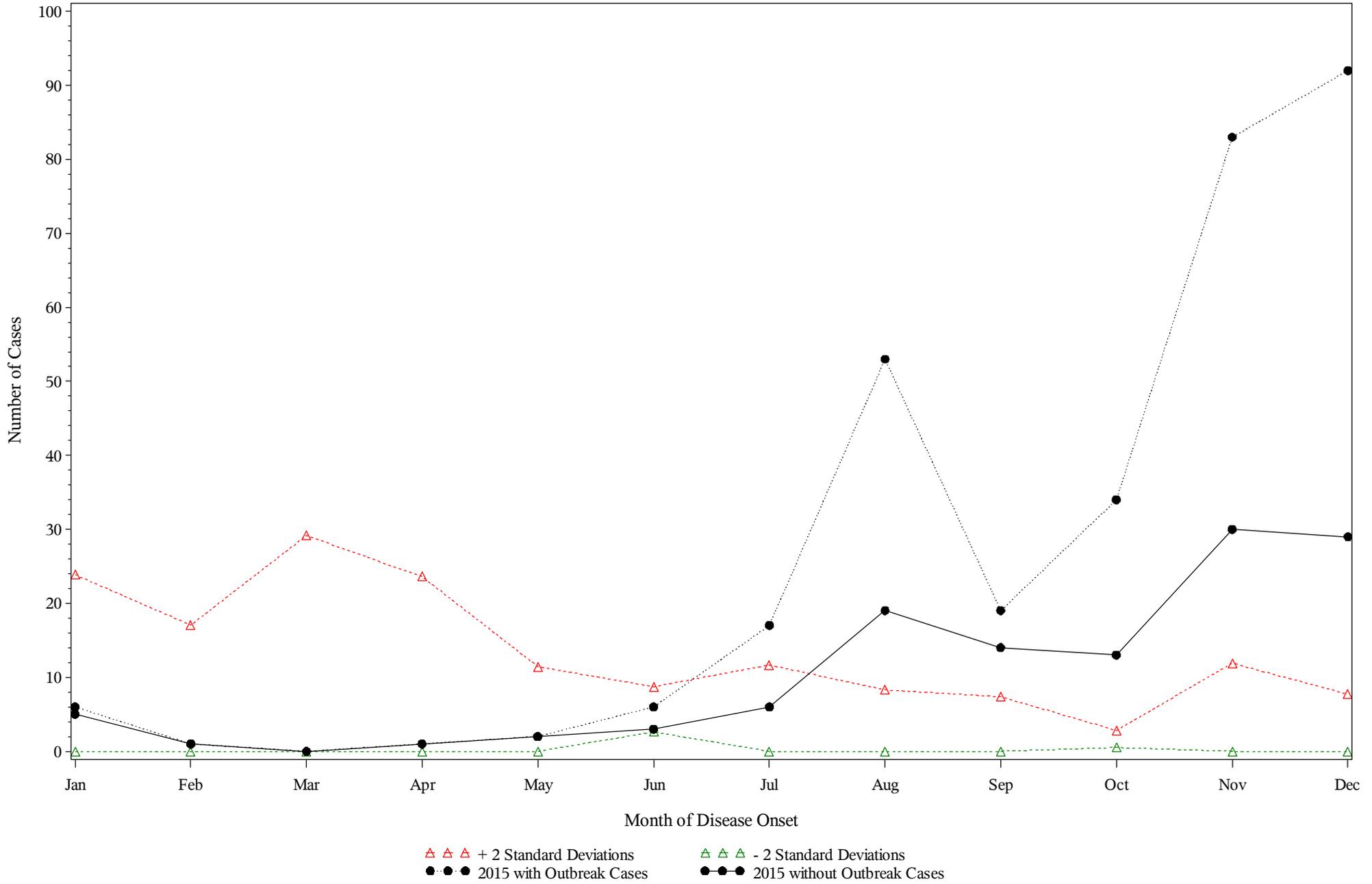
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Shigellosis



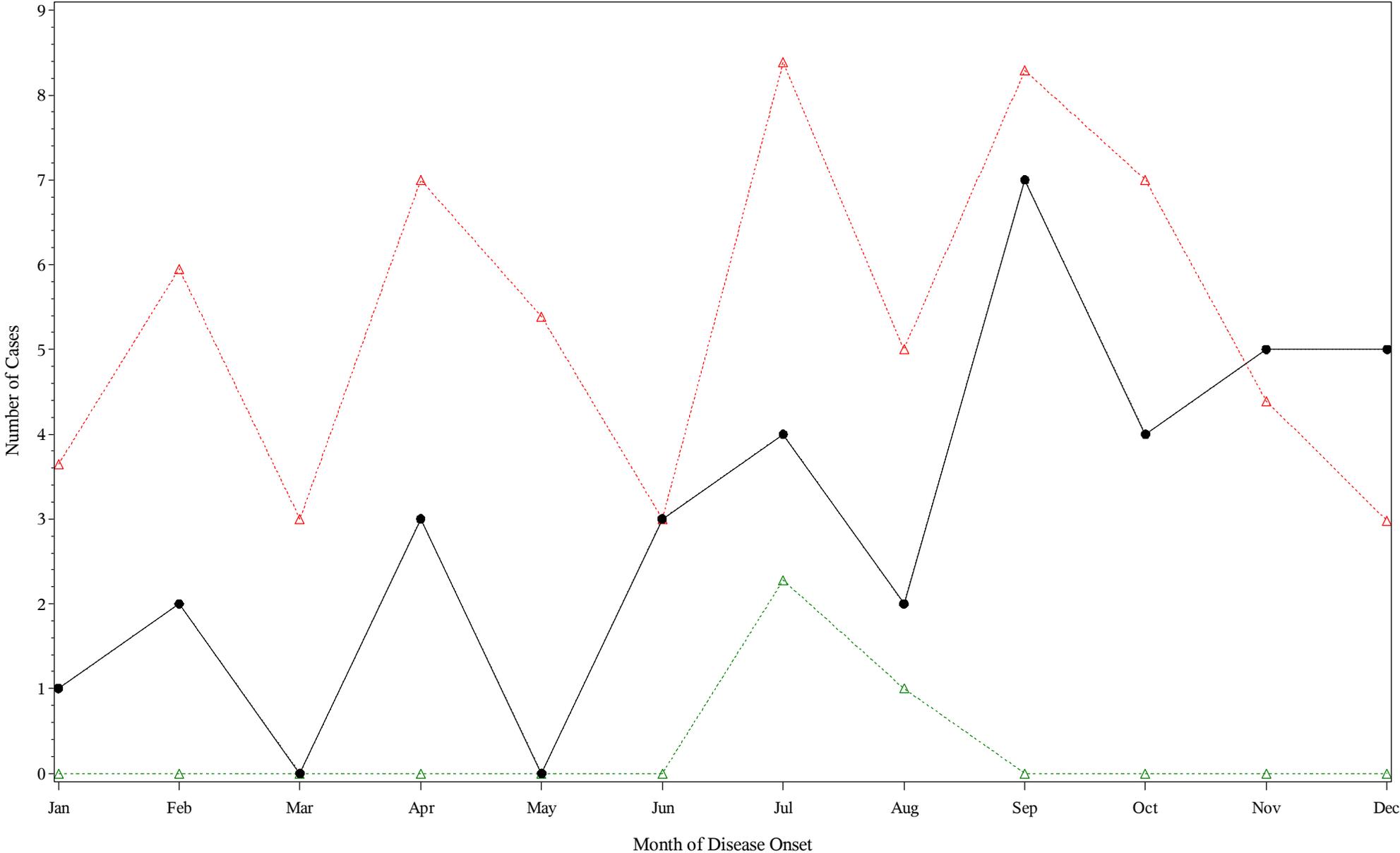
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Shiga Toxin-Producing Escherichia coli

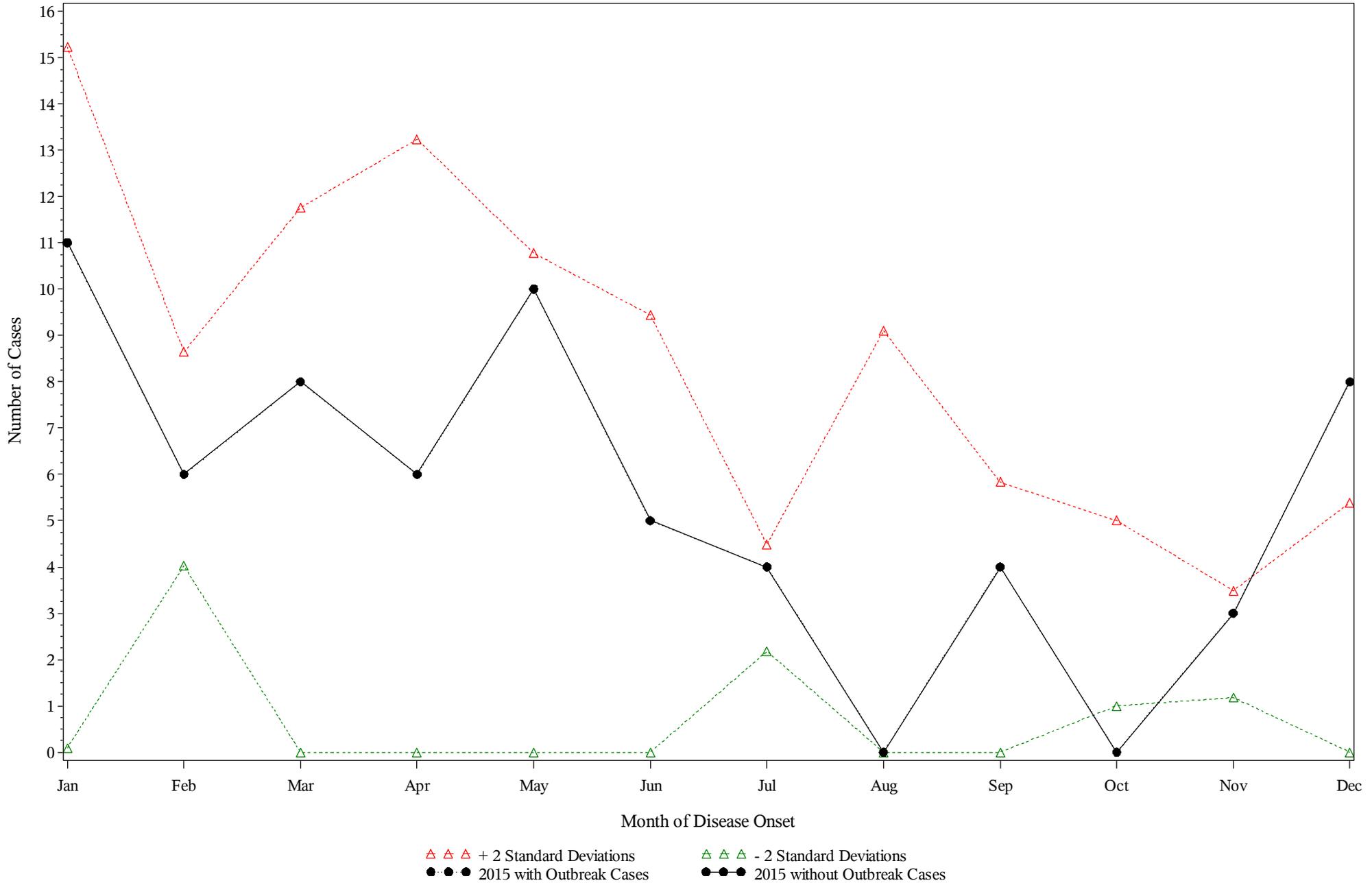


△ △ △ + 2 Standard Deviations △ △ △ - 2 Standard Deviations
● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Streptococcal Disease, Group A, Invasive



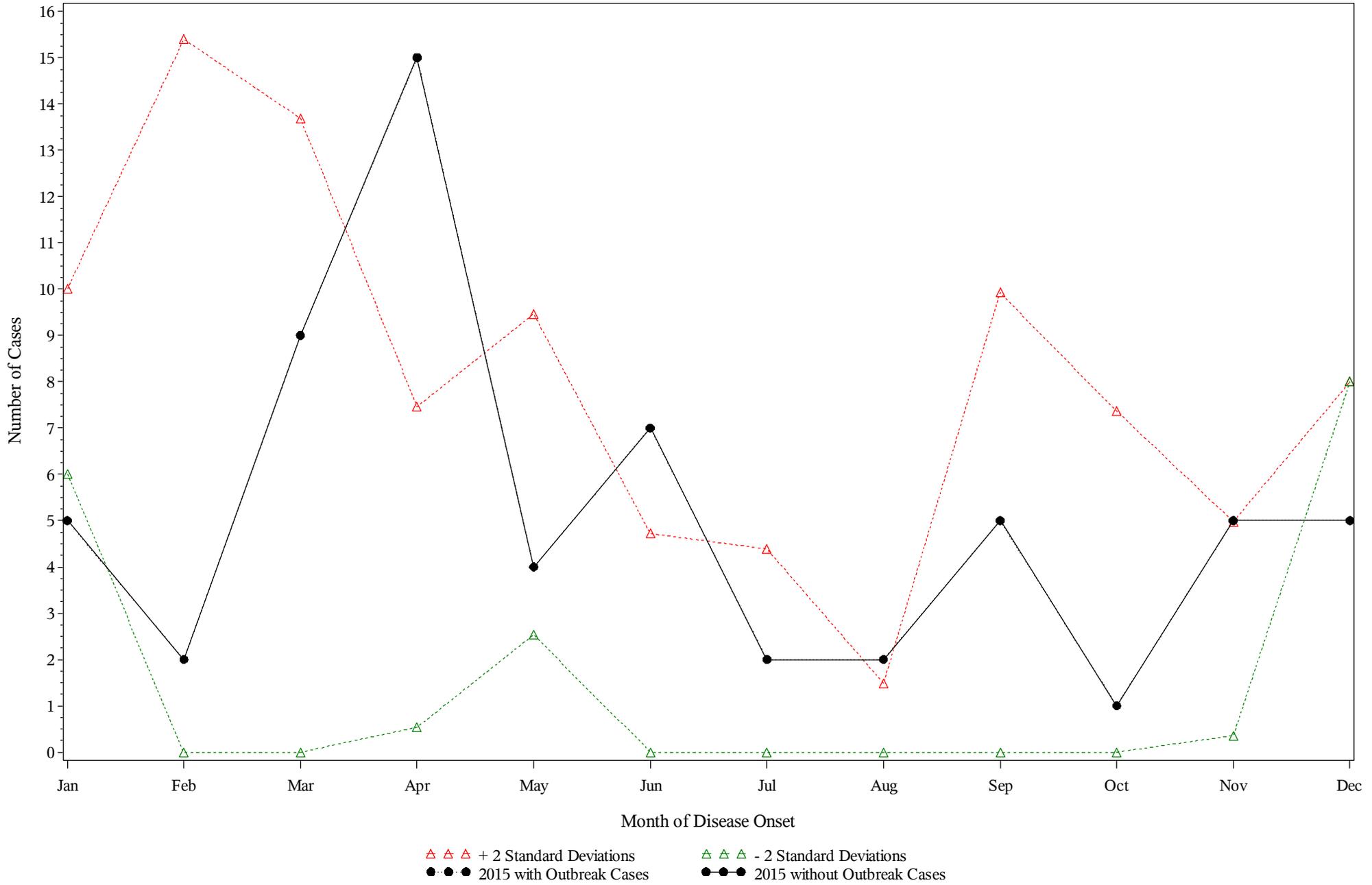
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate



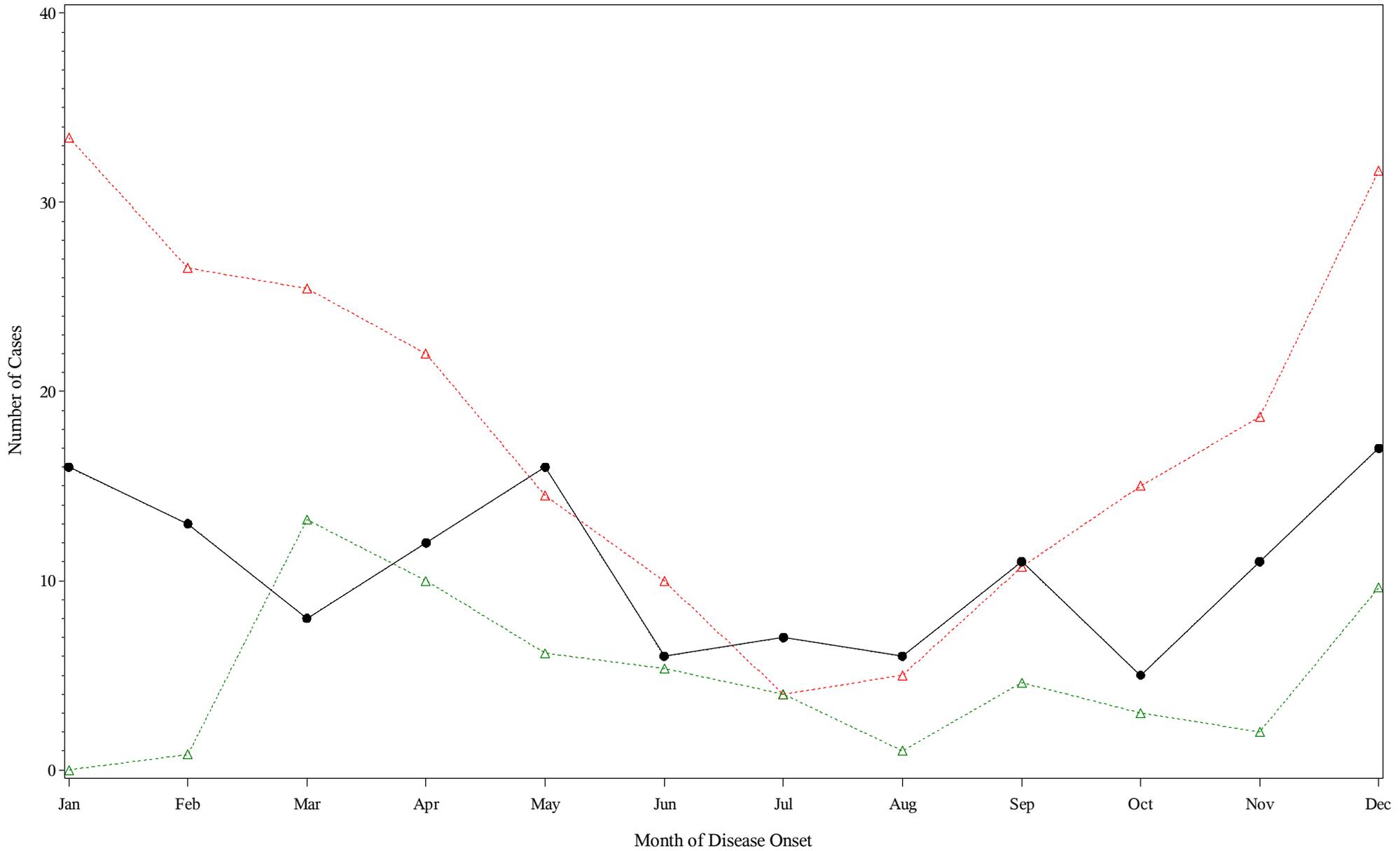
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown

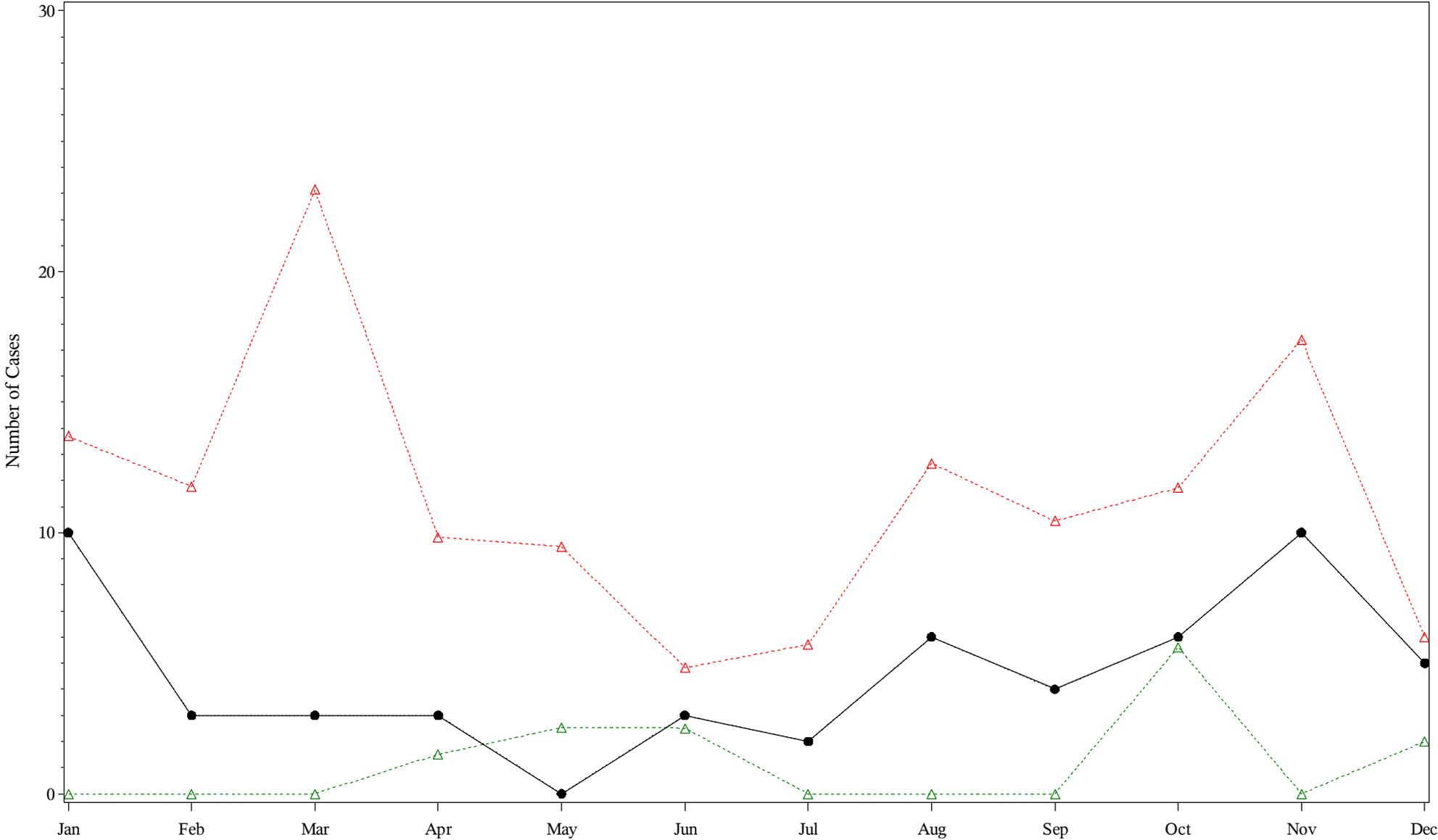


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016
Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest Varicella

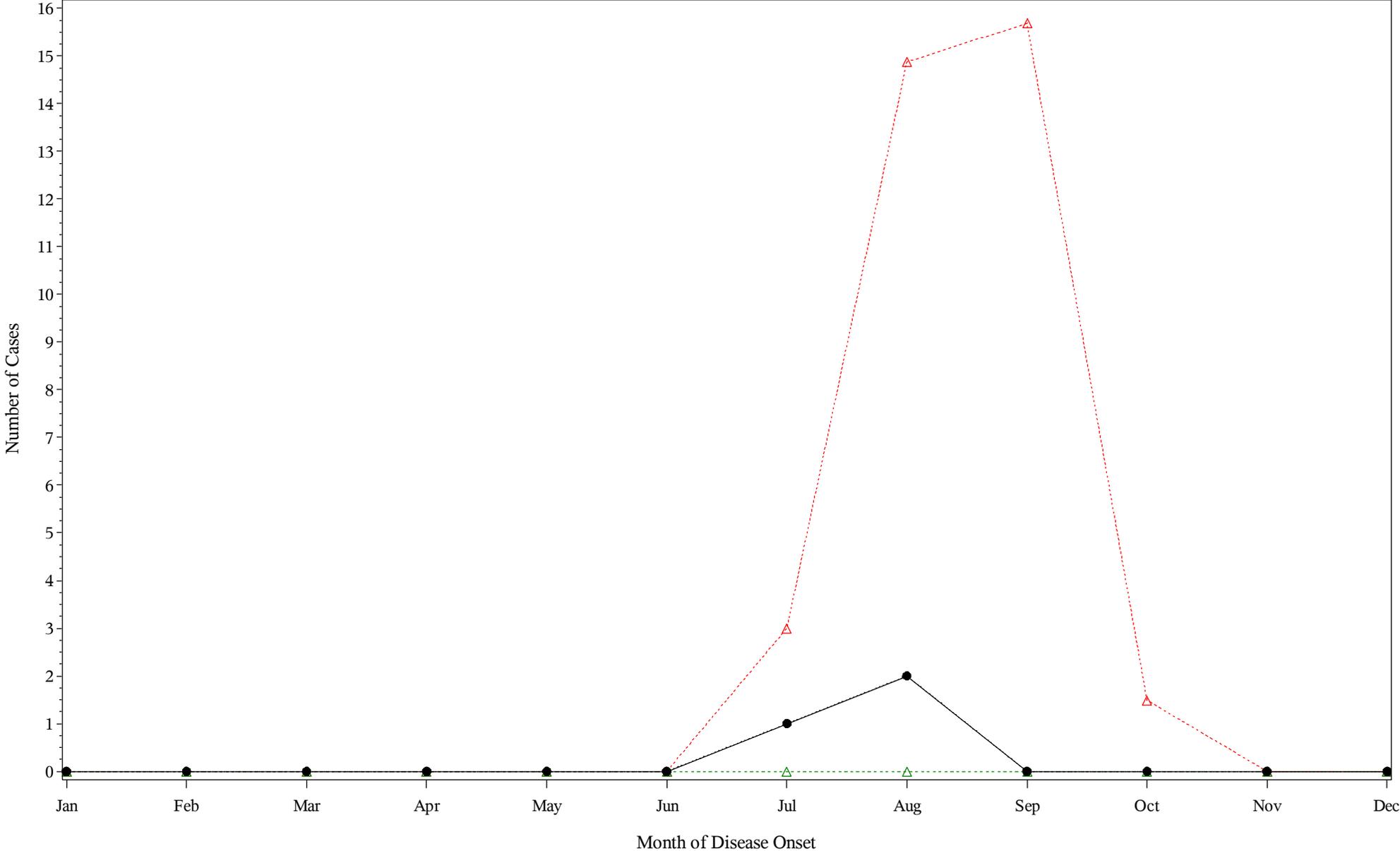


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

Southwest West Nile Virus Disease

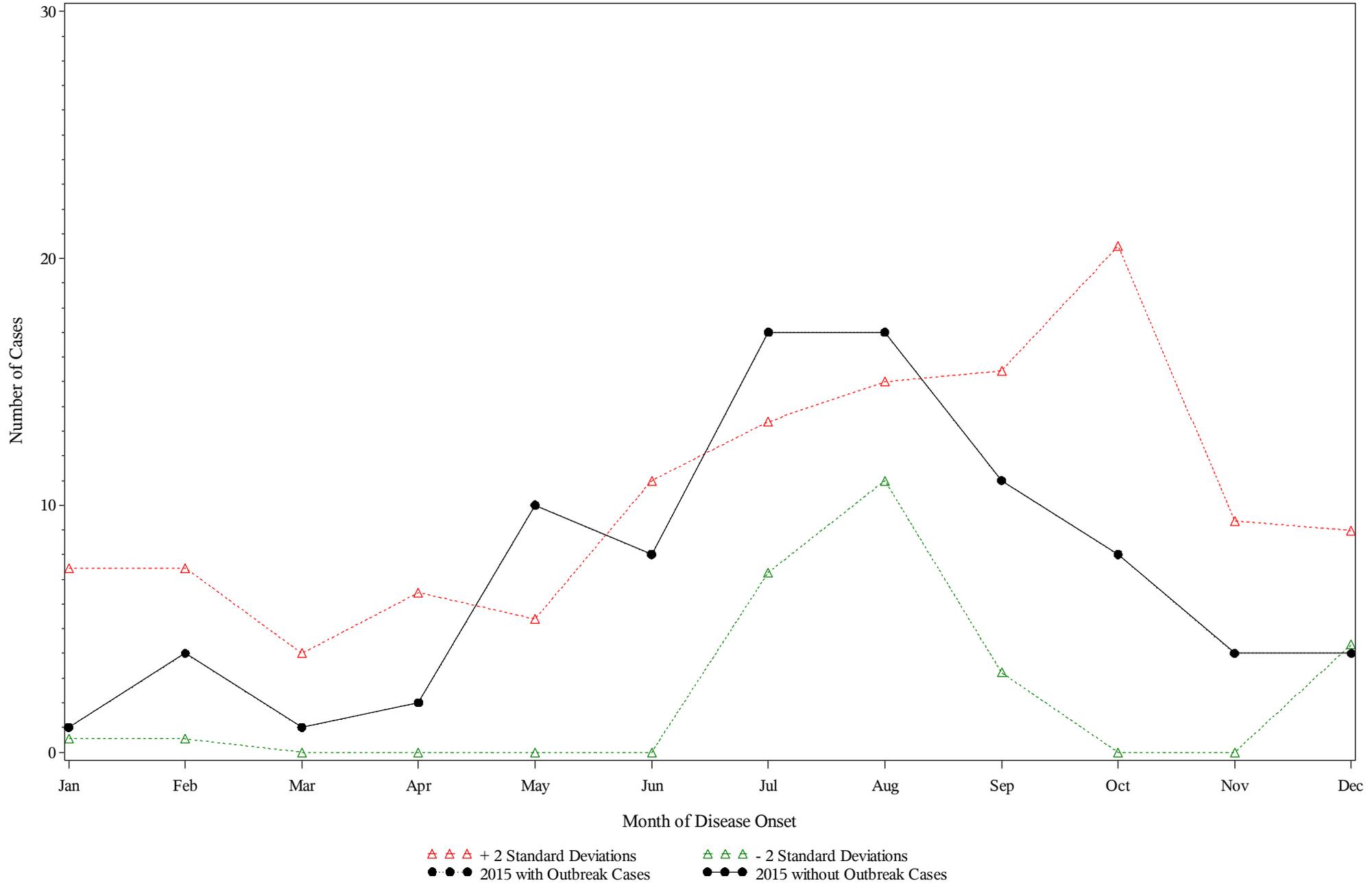


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Aseptic Meningitis



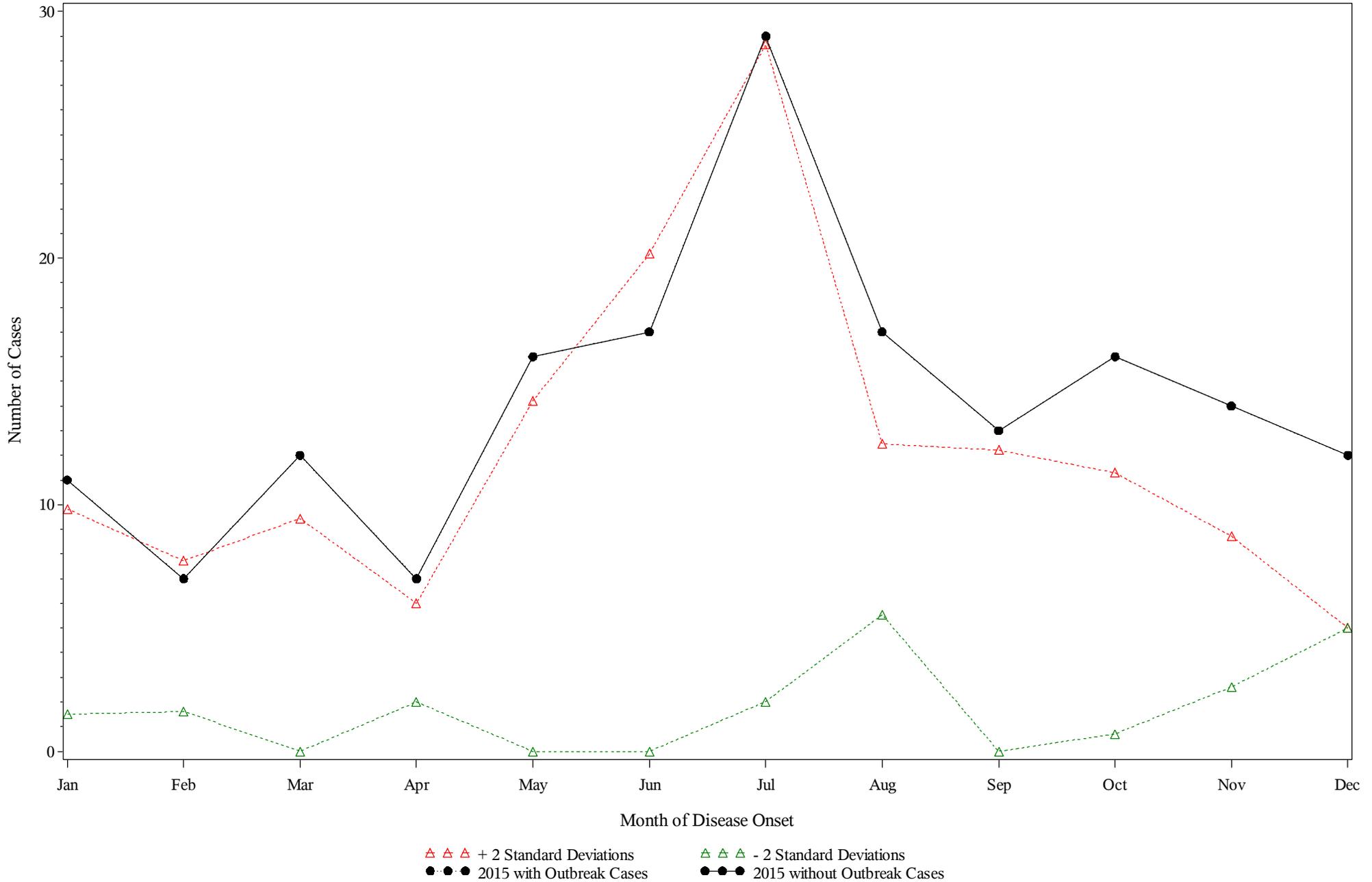
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Campylobacteriosis



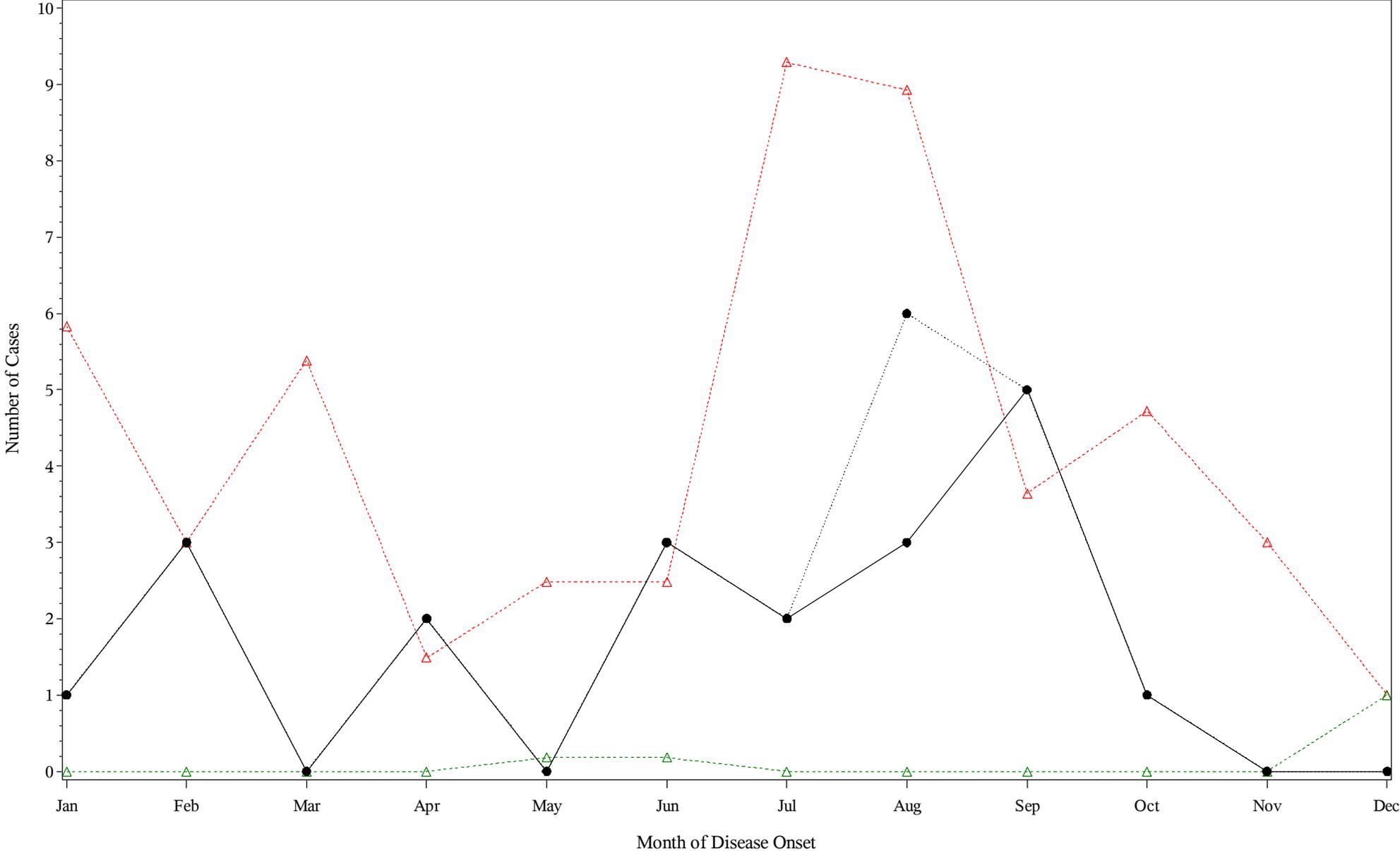
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Cryptosporidiosis

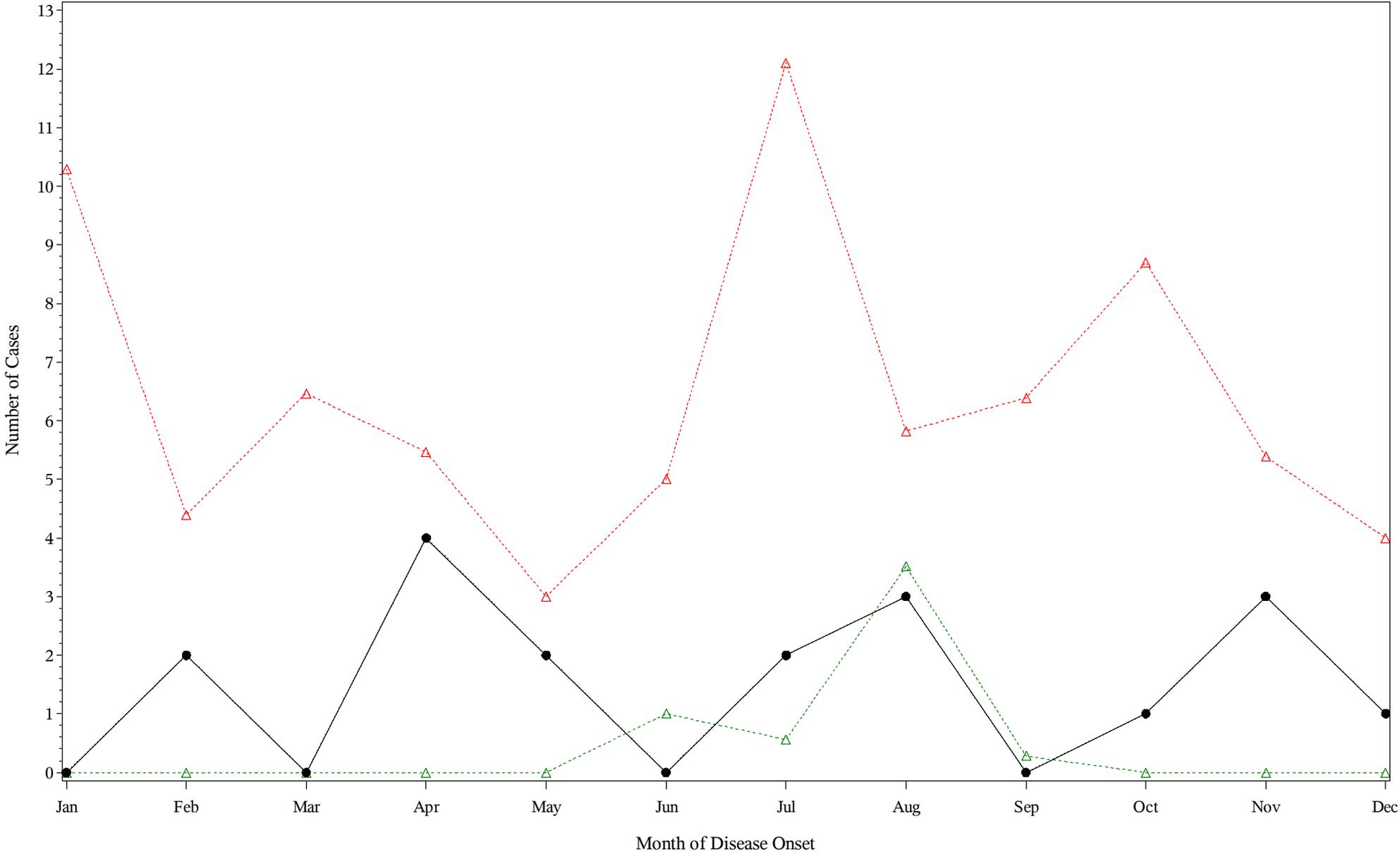


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Giardiasis

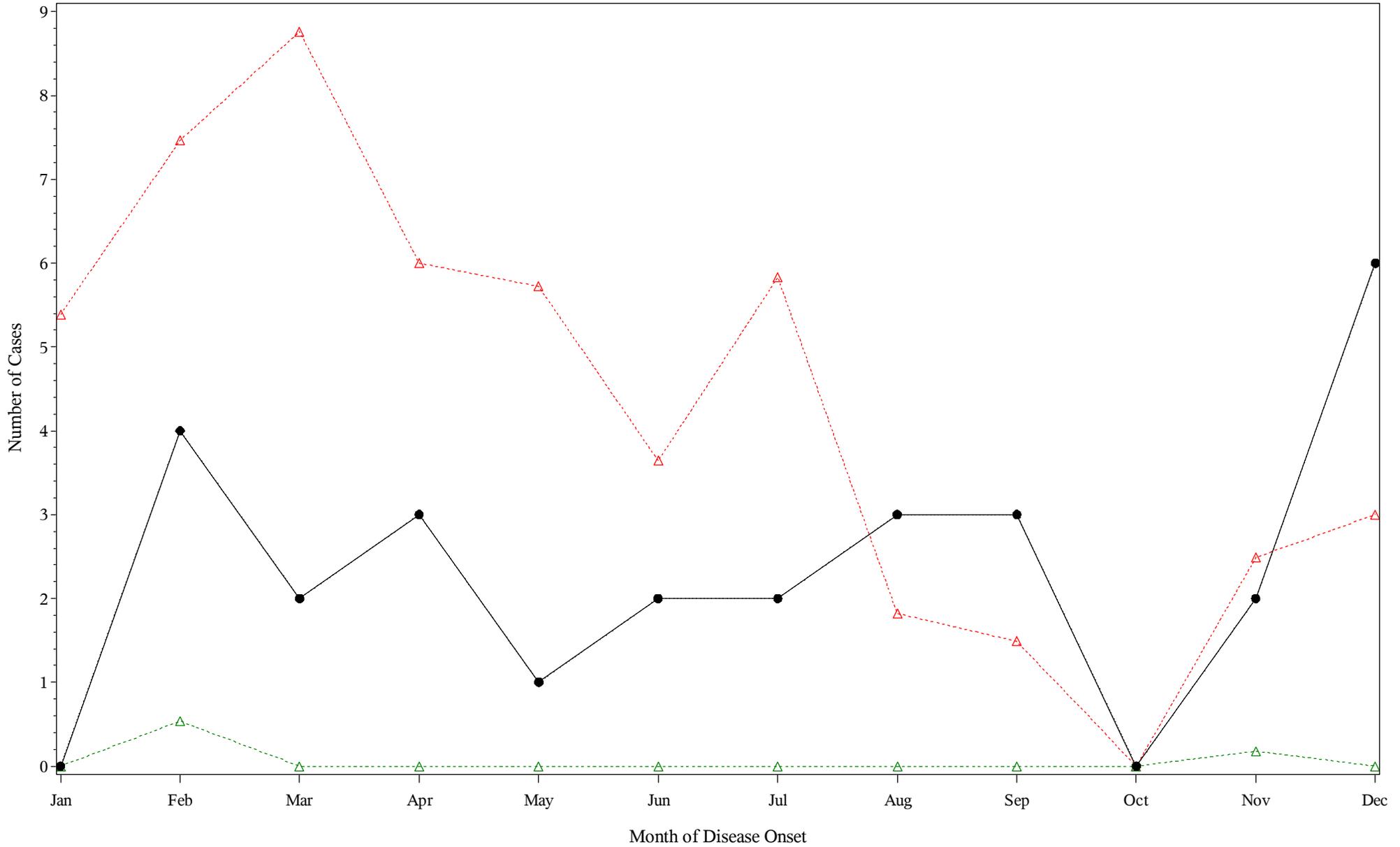


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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Haemophilus influenzae, Invasive



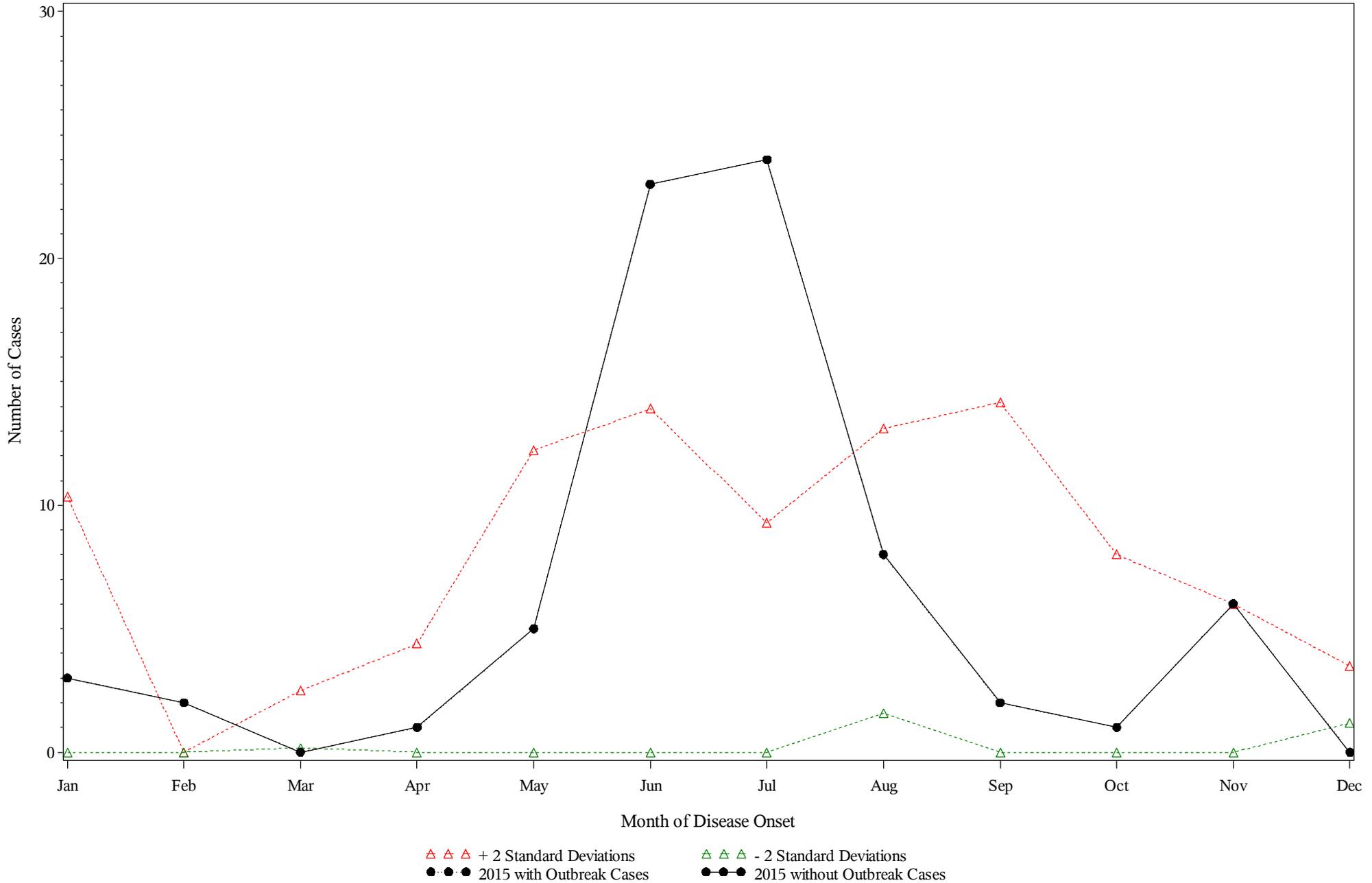
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Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Legionellosis



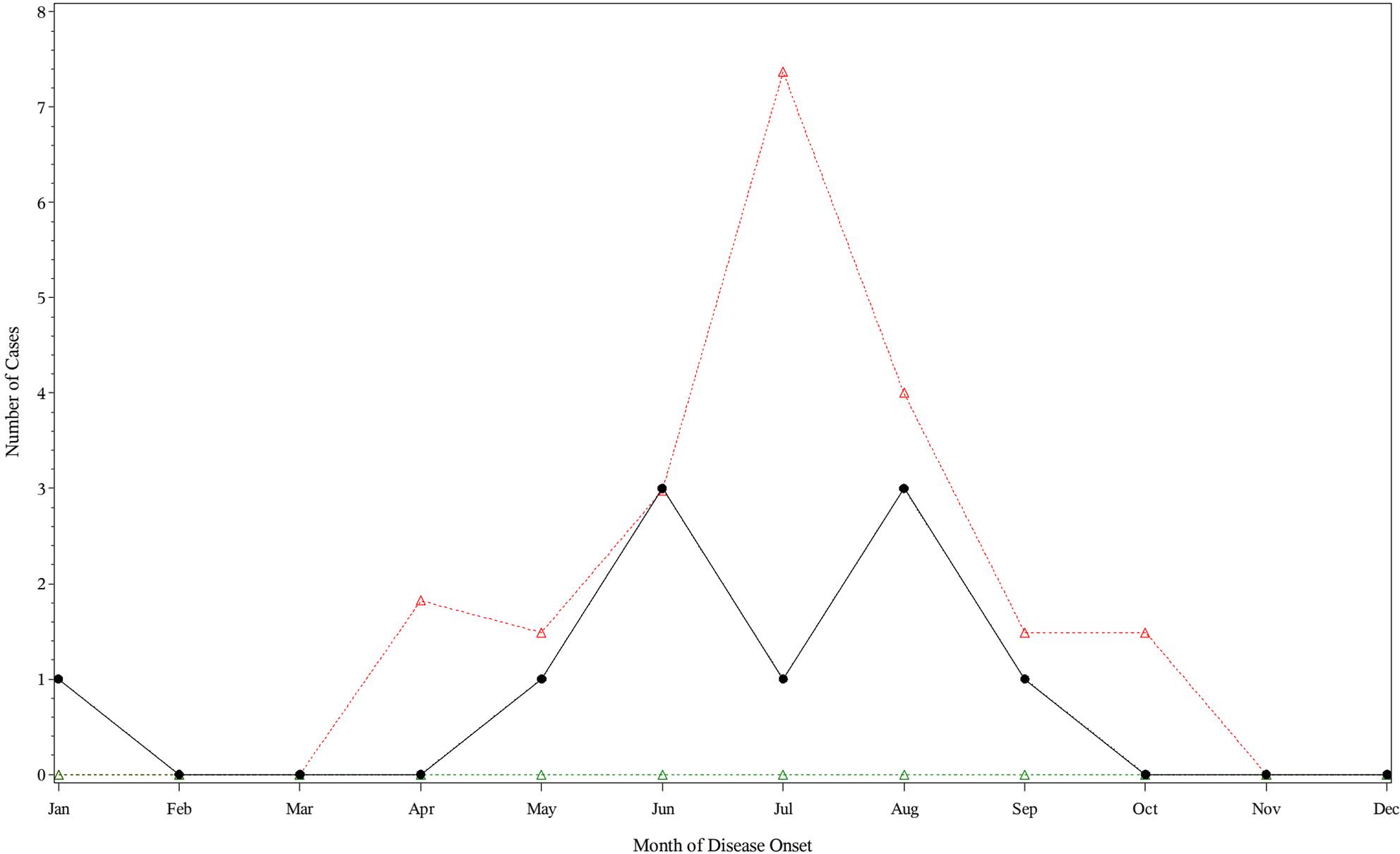
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Lyme Disease

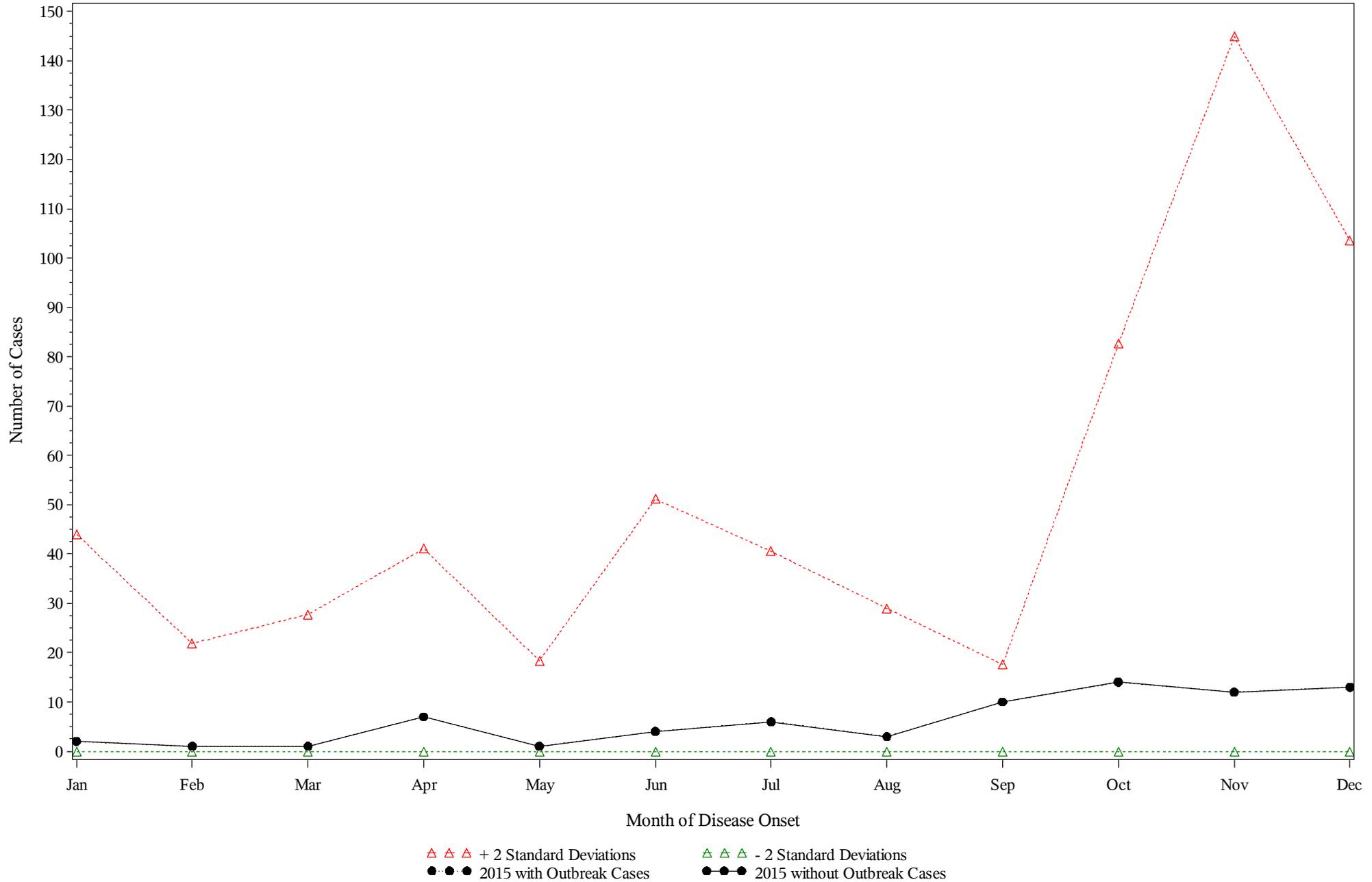


△ △ △ + 2 Standard Deviations
 △ △ △ - 2 Standard Deviations
● ● ● 2015 with Outbreak Cases
 ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Pertussis



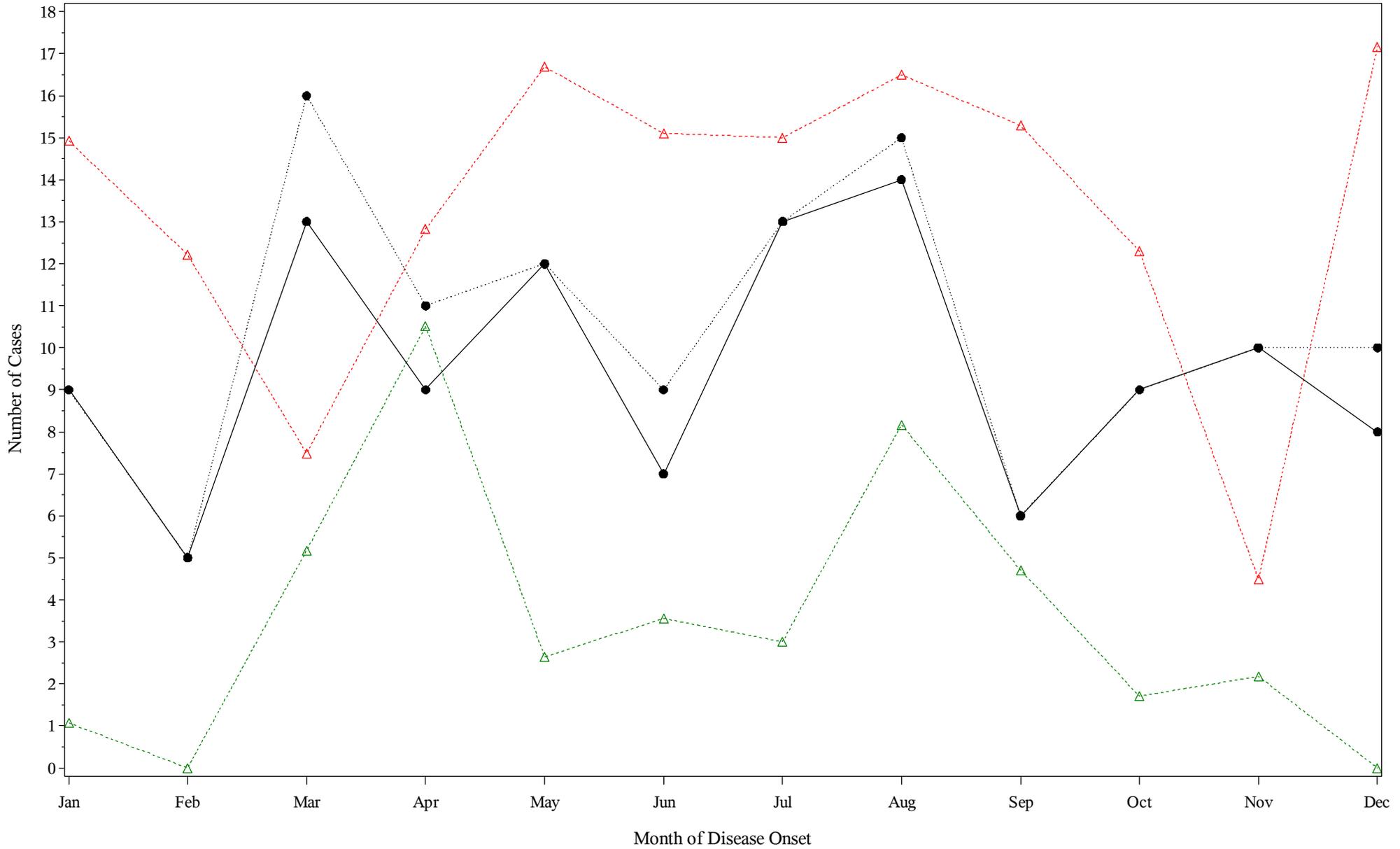
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Salmonellosis

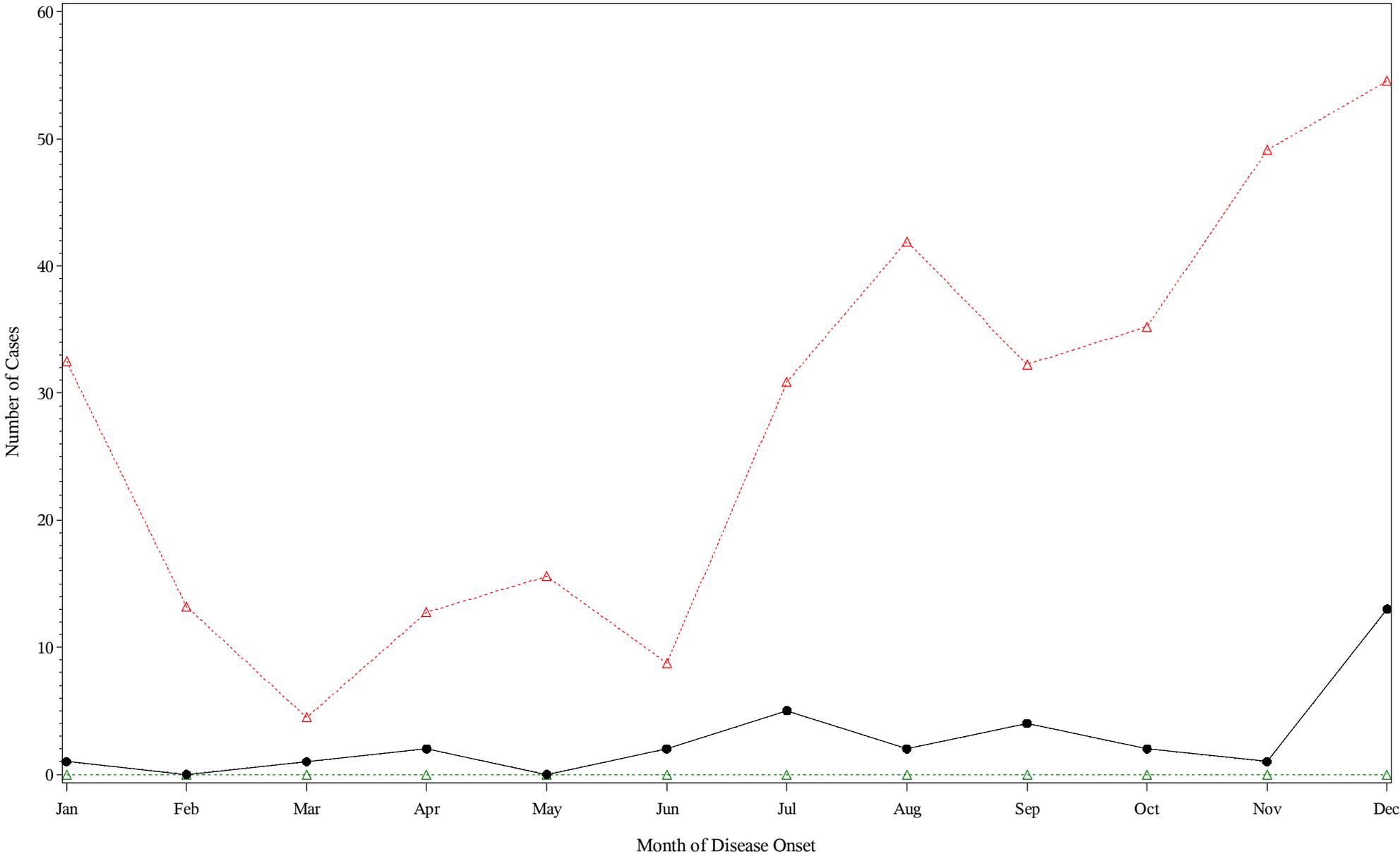


△ △ △ + 2 Standard Deviations
 △ △ △ - 2 Standard Deviations
● ● ● 2015 with Outbreak Cases
 ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Shigellosis

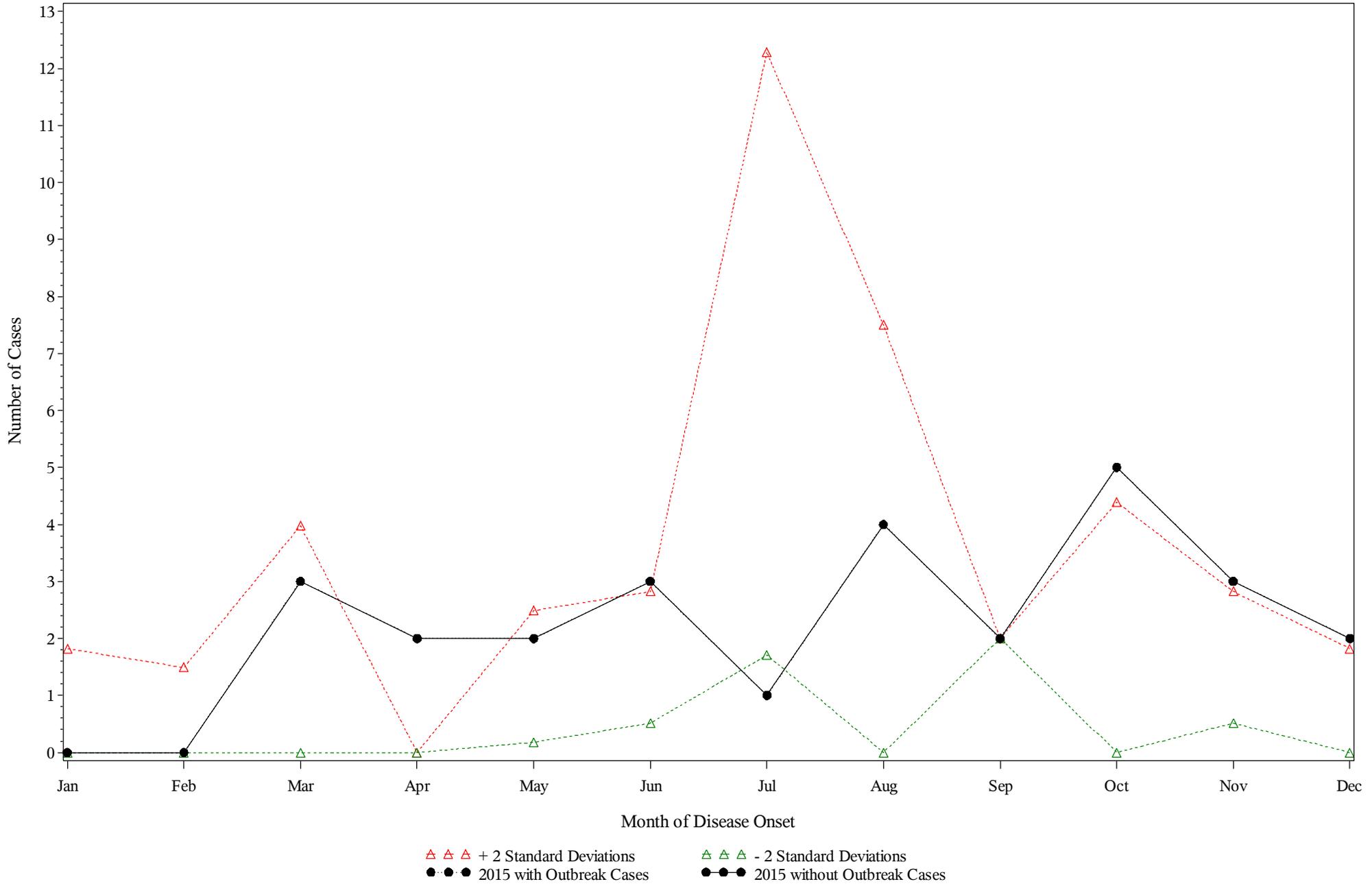


△ △ △ + 2 Standard Deviations
 △ △ △ - 2 Standard Deviations
● ● ● 2015 with Outbreak Cases
 ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Shiga Toxin-Producing Escherichia coli



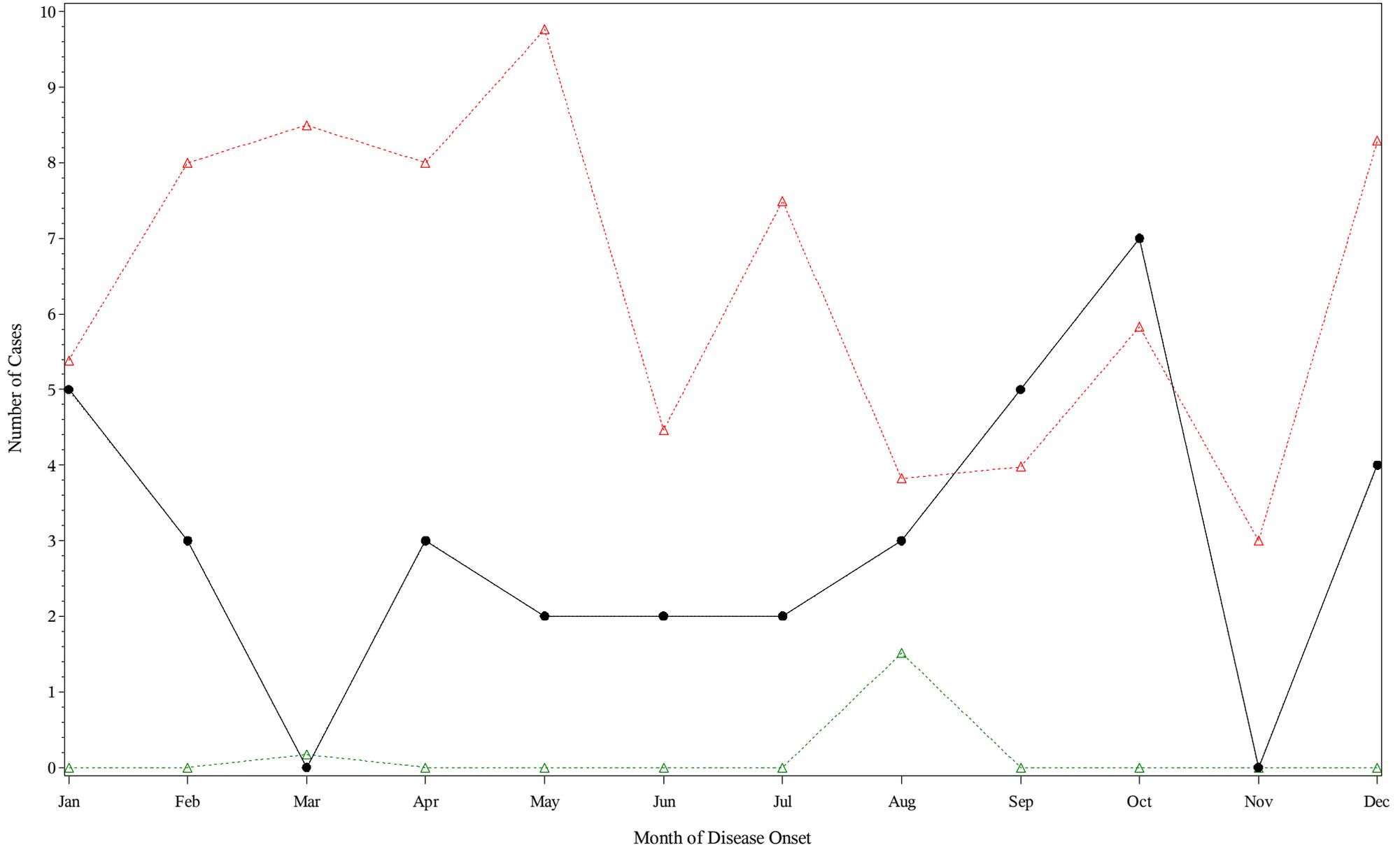
Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014

Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Streptococcal Disease, Group A, Invasive



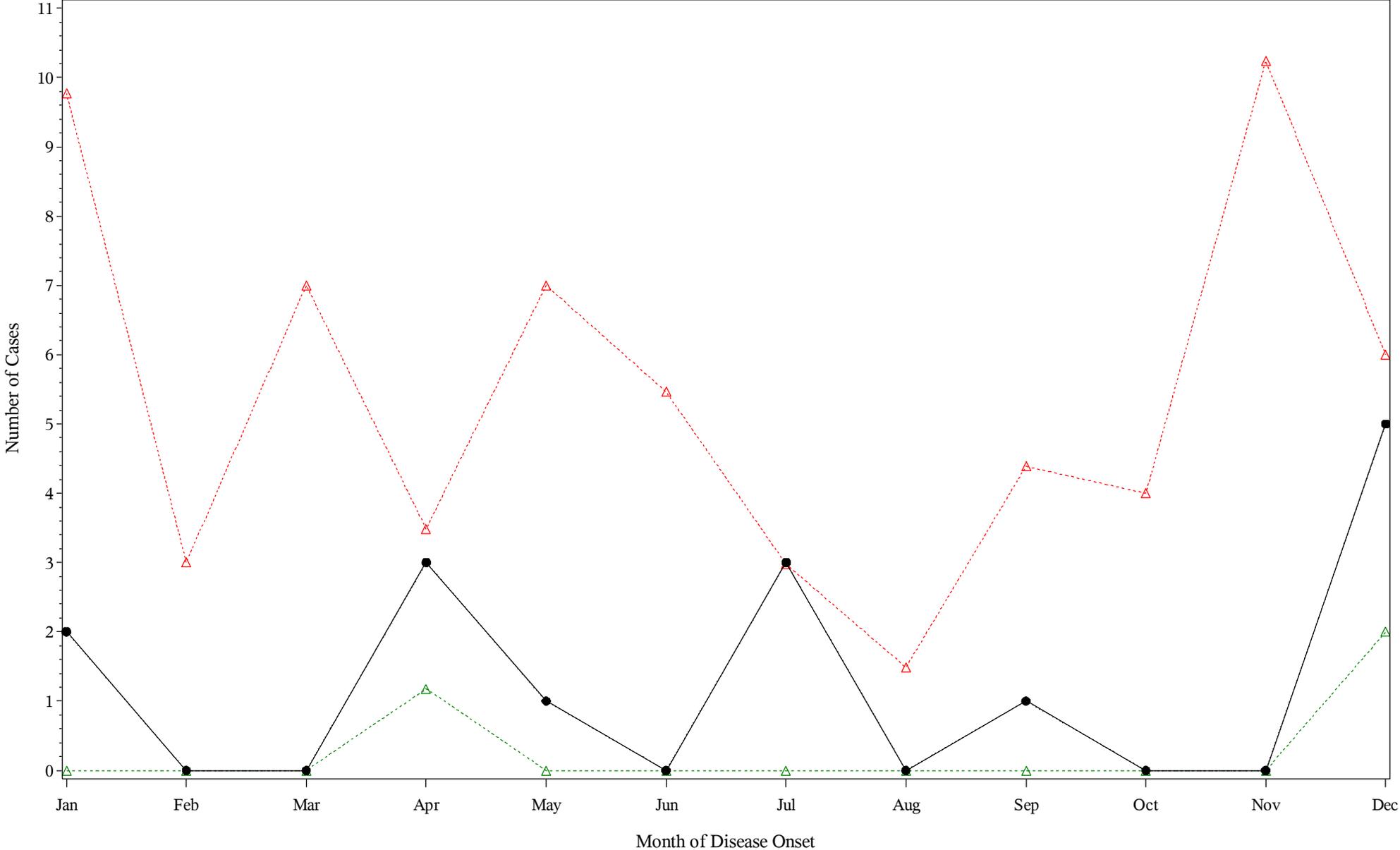
△ △ △ + 2 Standard Deviations △ △ △ - 2 Standard Deviations
● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Streptococcus pneumoniae, Invasive, Drug Resistant/Intermediate

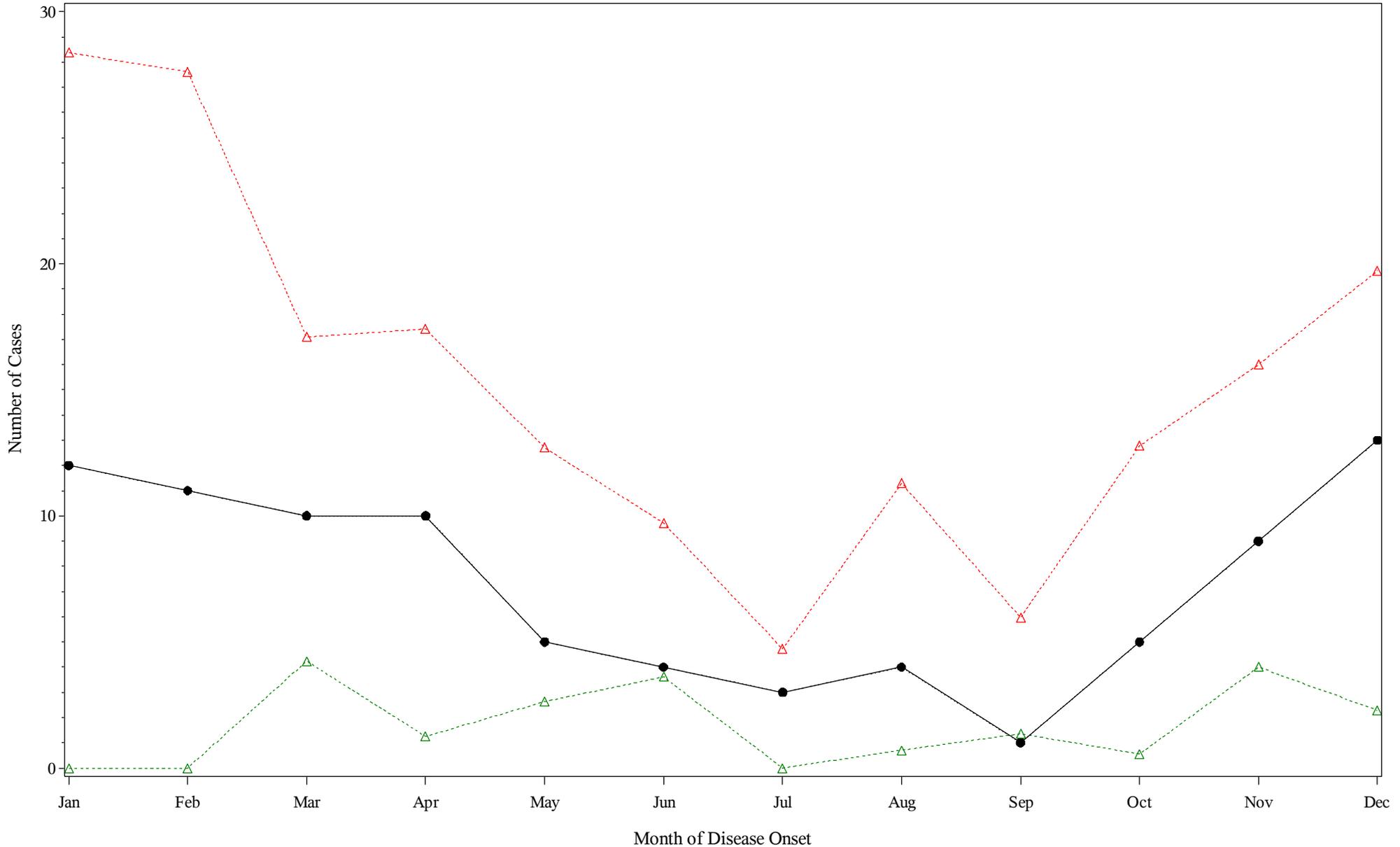


△ △ △ + 2 Standard Deviations △ △ △ - 2 Standard Deviations
● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Streptococcus pneumoniae, Invasive, Drug Susceptible/Unknown



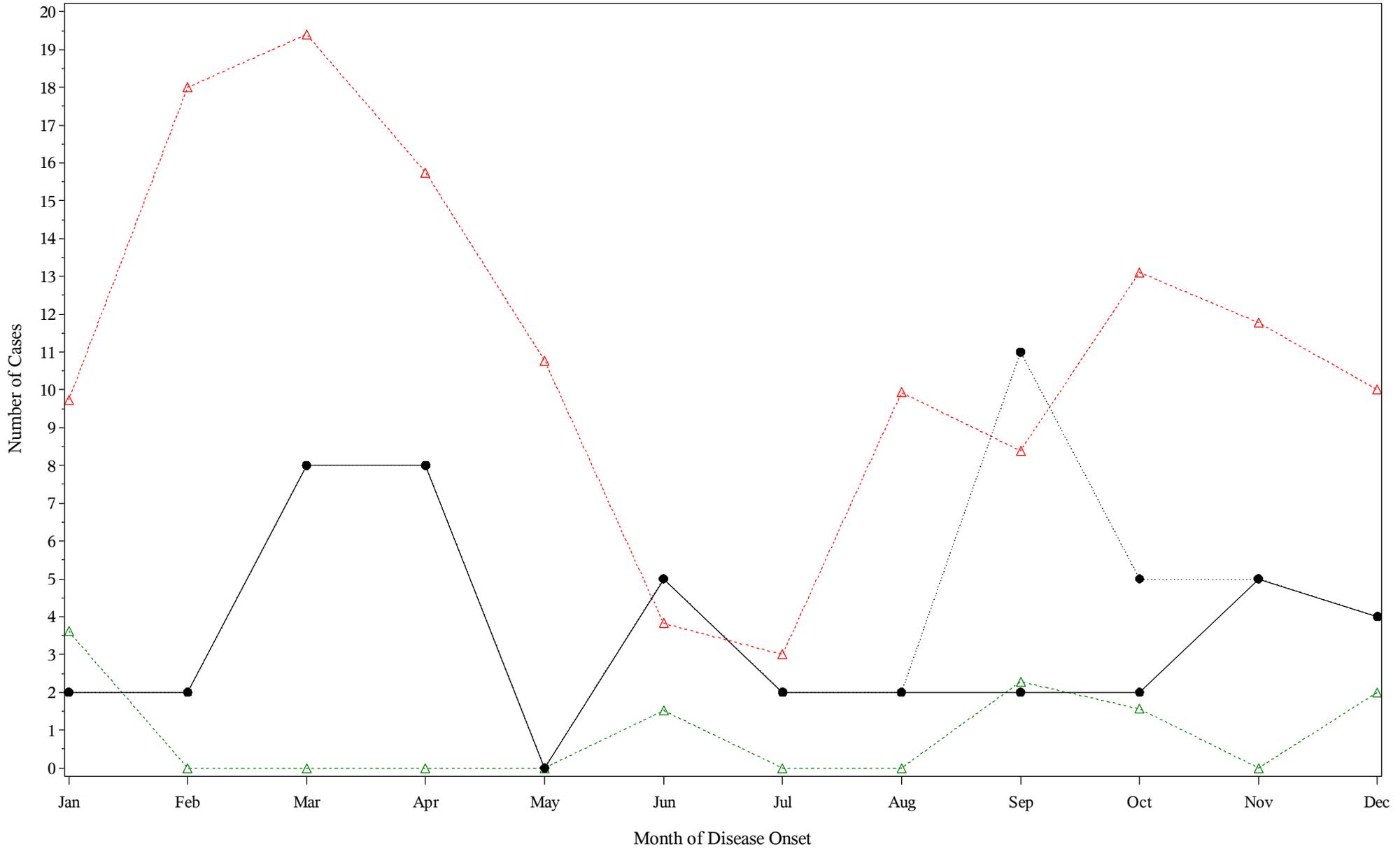
△ △ △ + 2 Standard Deviations
 △ △ △ - 2 Standard Deviations
● ● ● 2015 with Outbreak Cases
 ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central Varicella



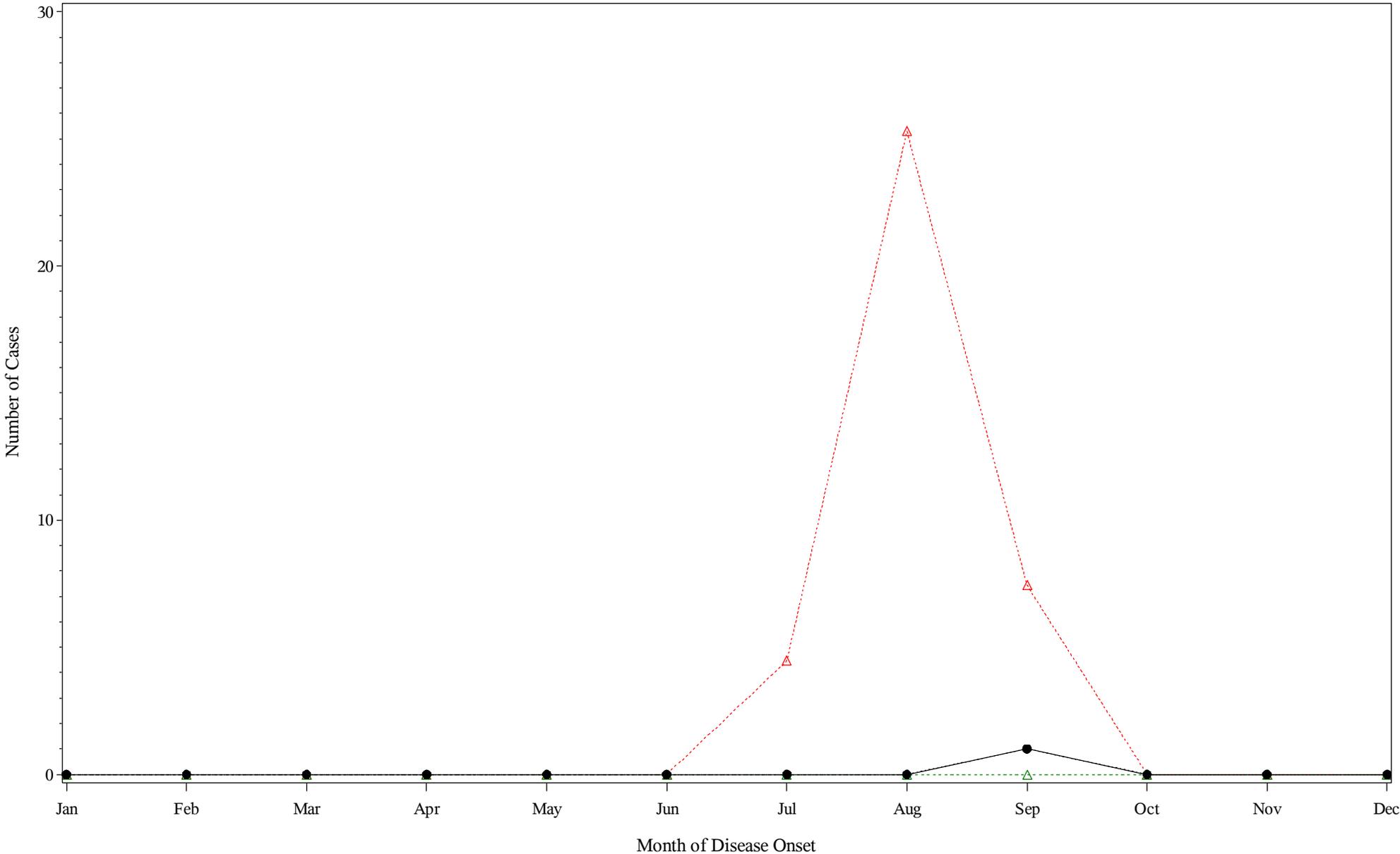
△ △ △ + 2 Standard Deviations △ △ △ - 2 Standard Deviations
● ● ● 2015 with Outbreak Cases ● ● ● 2015 without Outbreak Cases

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016

Source: Ohio Department of Health Bureau of Infectious Diseases

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

West Central West Nile Virus Disease



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

Baseline Trends are 2 Standard Deviations of Mean Counts from 2012-2014
 Current as of 01/26/2016
 Source: Ohio Department of Health Bureau of Infectious Diseases