

# GRAPHS OF SELECTED NOTIFIABLE DISEASE INCIDENCE

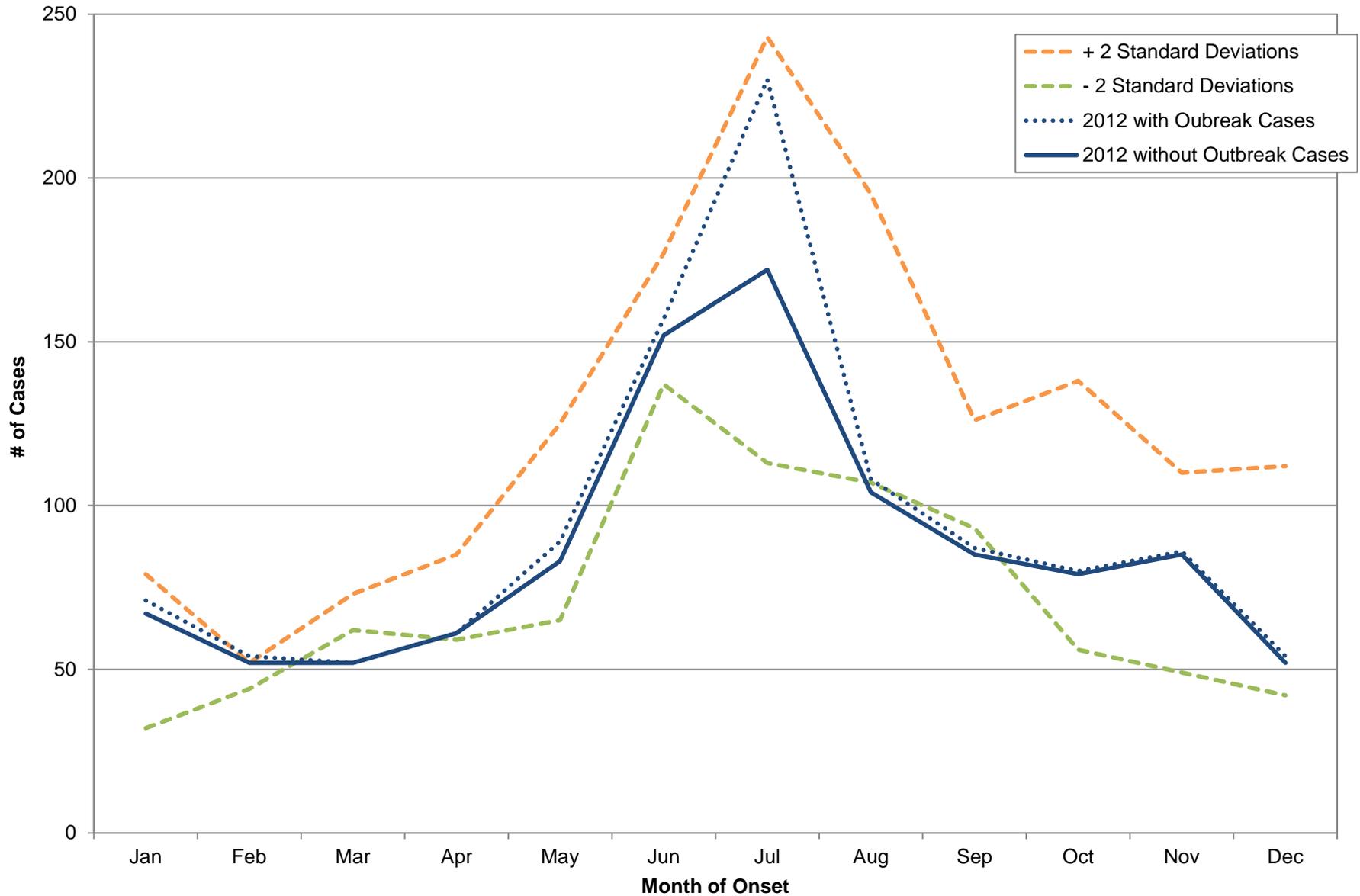
Disease incidence from 2012 is graphically presented to demonstrate general trends in surveillance data for selected Ohio reportable infectious diseases, including any statistically significant changes in the incidence observed. The trend graphs compare disease incidence from 2012 (i.e., observed cases) to baseline disease incidence (i.e., expected cases) by month. Baseline disease incidence was determined by calculating the average disease incidence over the previous three years, 2009-2011. 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 2012 disease incidence compared to baseline disease incidence suggests the difference is unlikely to have occurred by chance.

General surveillance trends are graphed statewide. The 2012 data represent confirmed and probable cases of selected reportable diseases. In many instances, two trend lines can be seen graphed for 2012 incidence data: one for all cases, including those linked to a known outbreak or cluster, and one for cases not linked to a known outbreak or cluster. It should be noted that not every graph will include a trend line for cases linked to a known outbreak or cluster as not all cases are outbreak- or cluster-associated. For statistical reliability/stability purposes, only diseases for which 10 or more cases were reported in a given month are included in the statewide trends.

Disease data for 2012 and data used in the calculation of the baseline (2009-2011) average are finalized. All data are by month and year of illness onset. The source of the data is the Ohio Disease Reporting System.

# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012

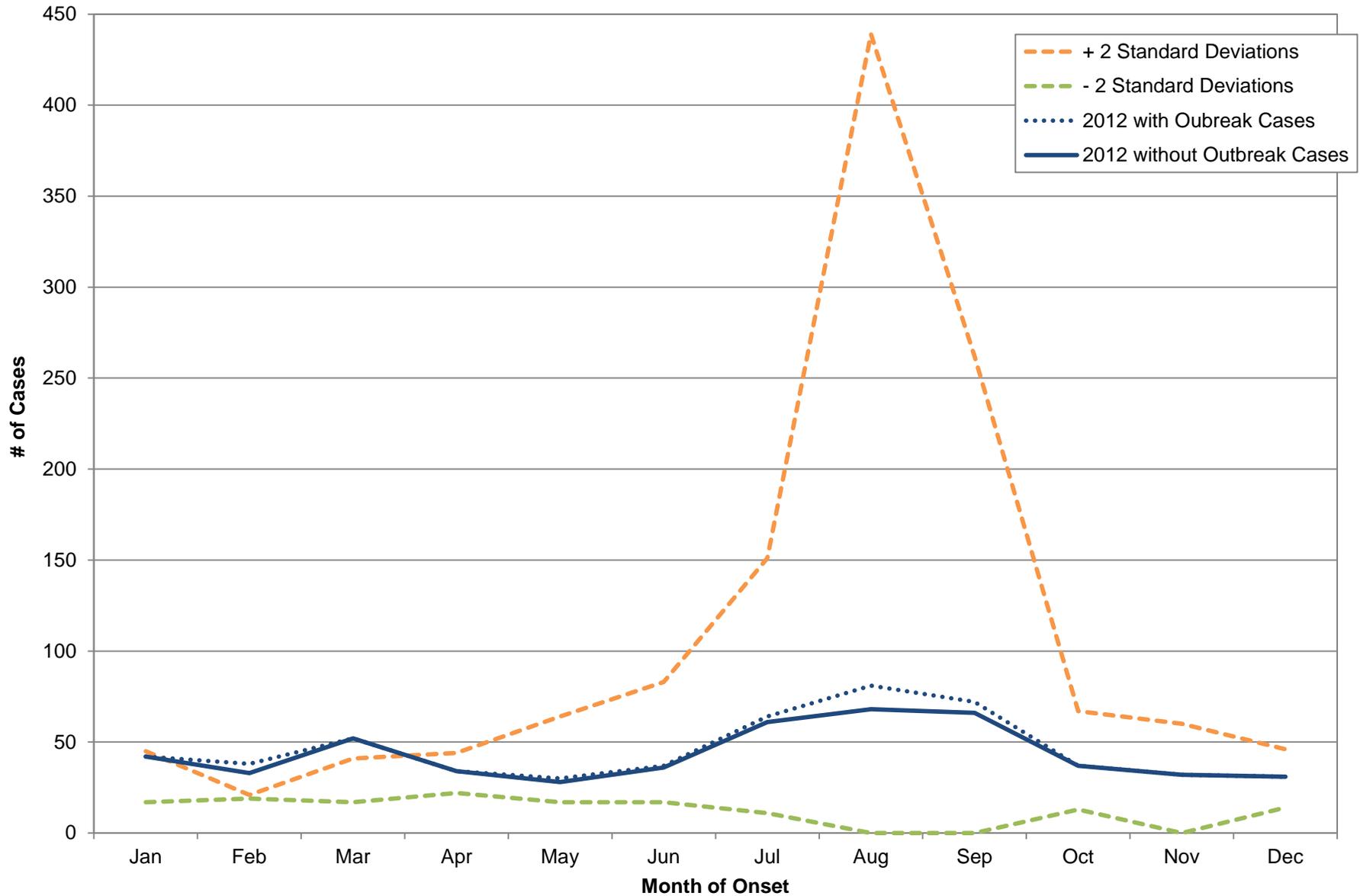
## Campylobacteriosis



Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012

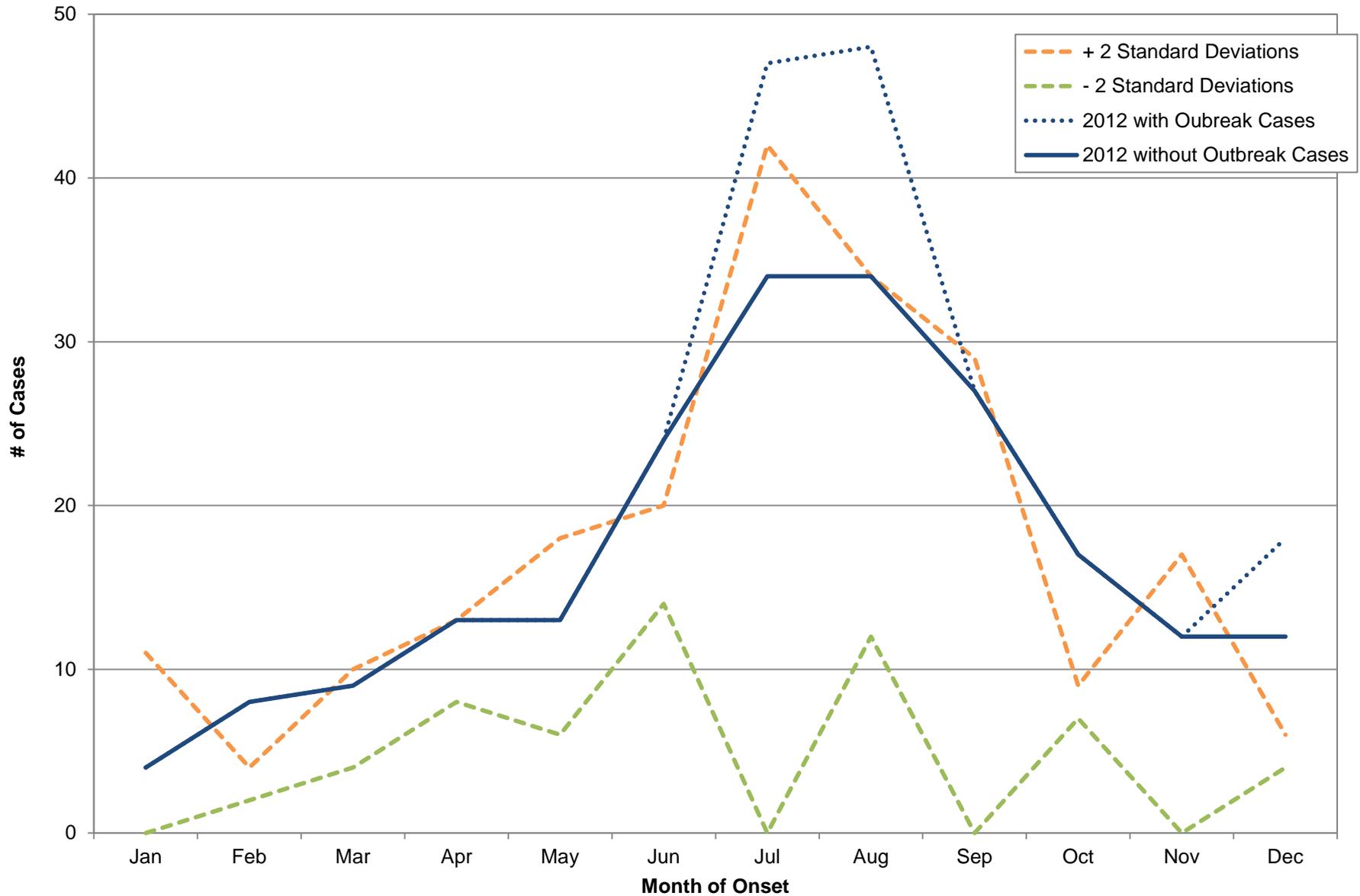
## Cryptosporidiosis



Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

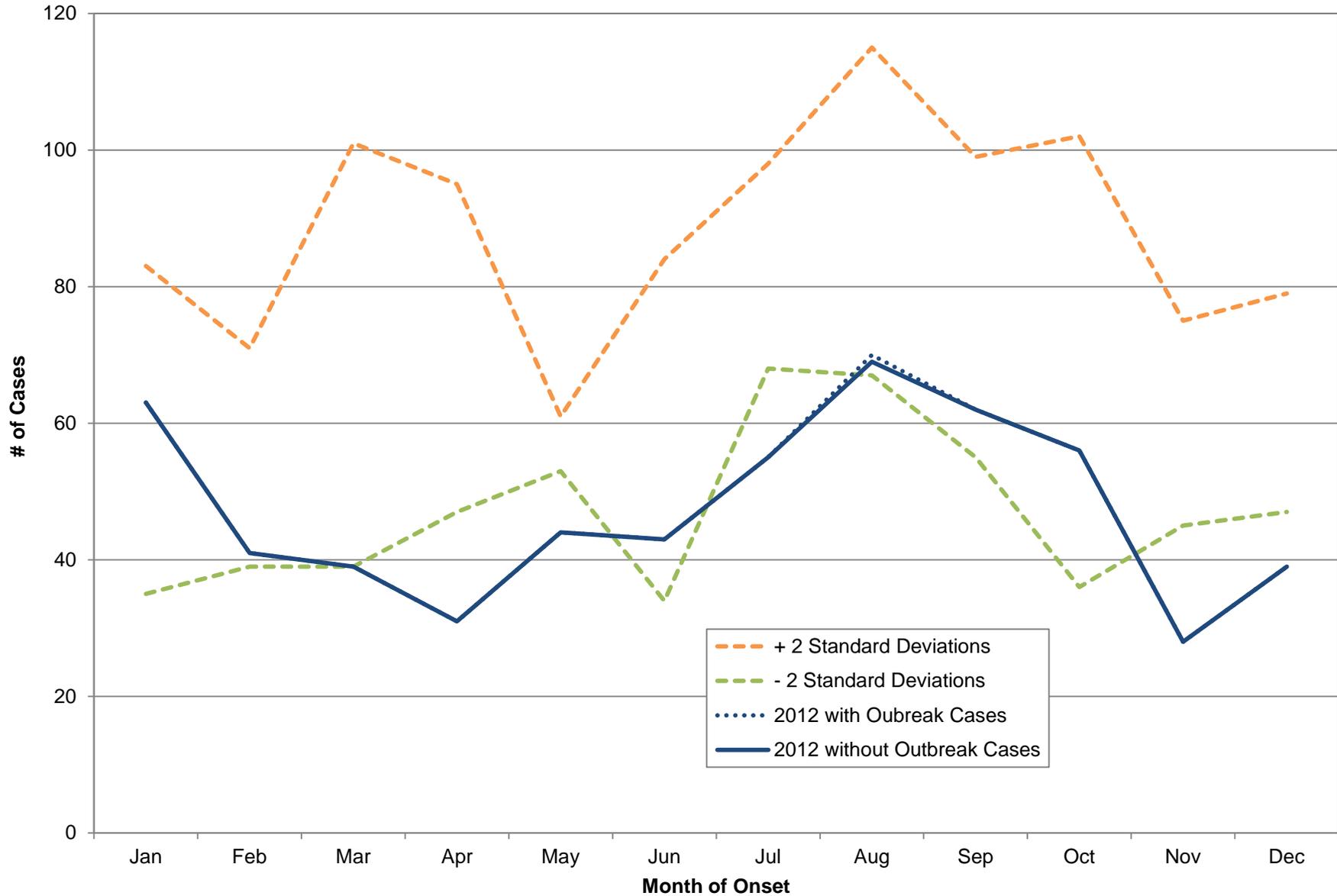
# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012

## *Escherichia coli*, Shiga Toxin-Producing



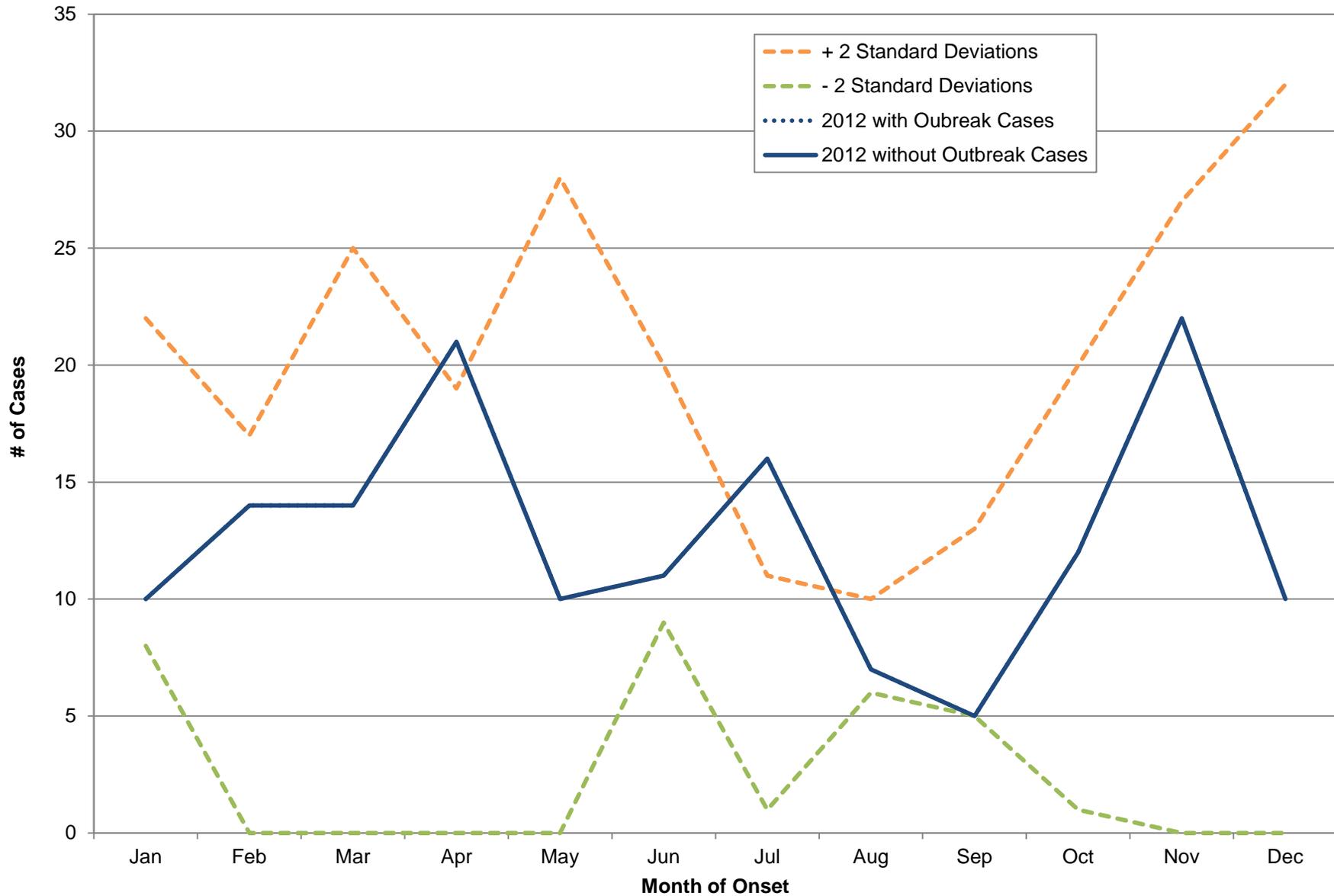
Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012 Giardiasis



Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

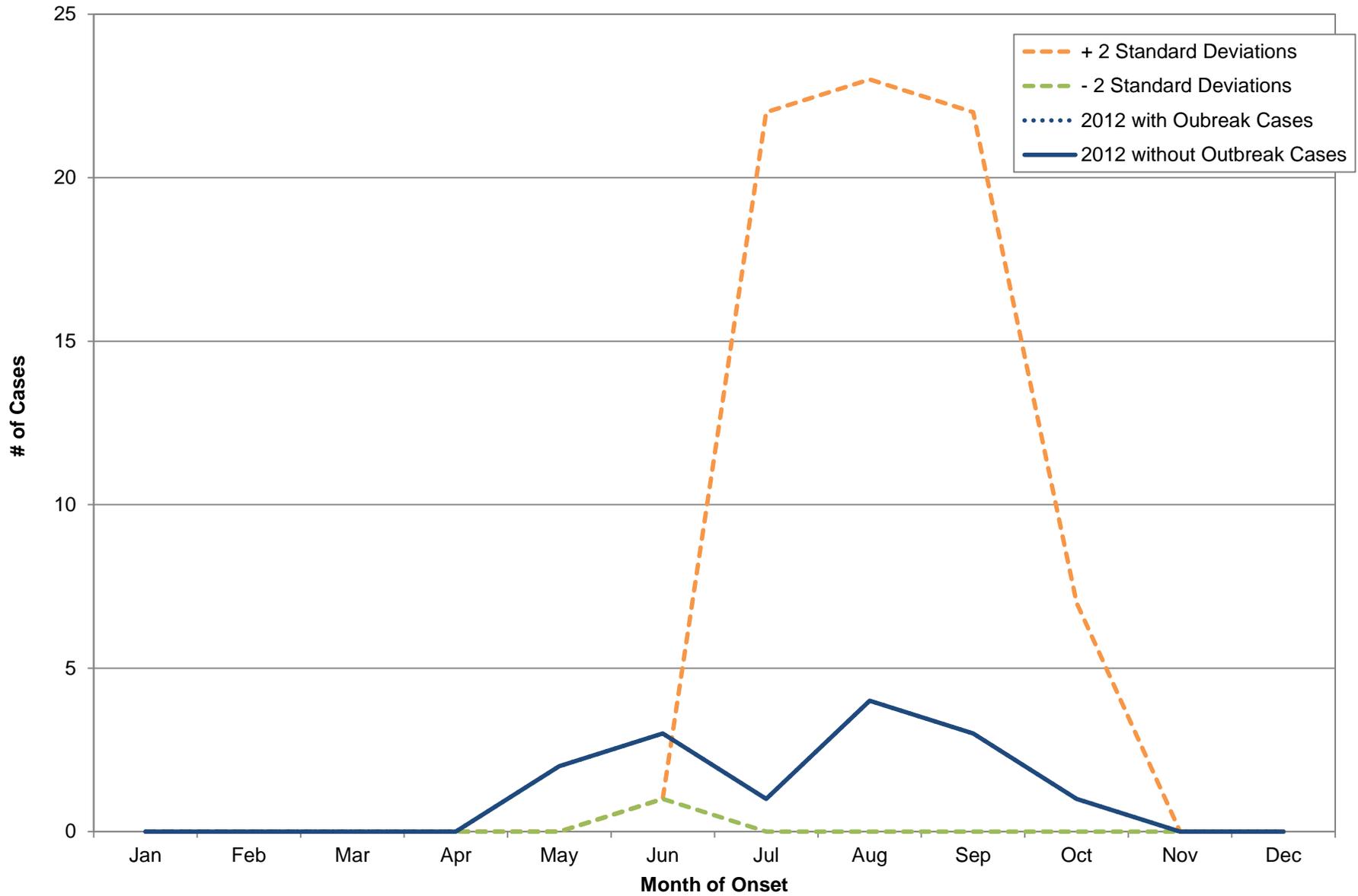
## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012 *Haemophilus influenzae*, Invasive Disease



Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

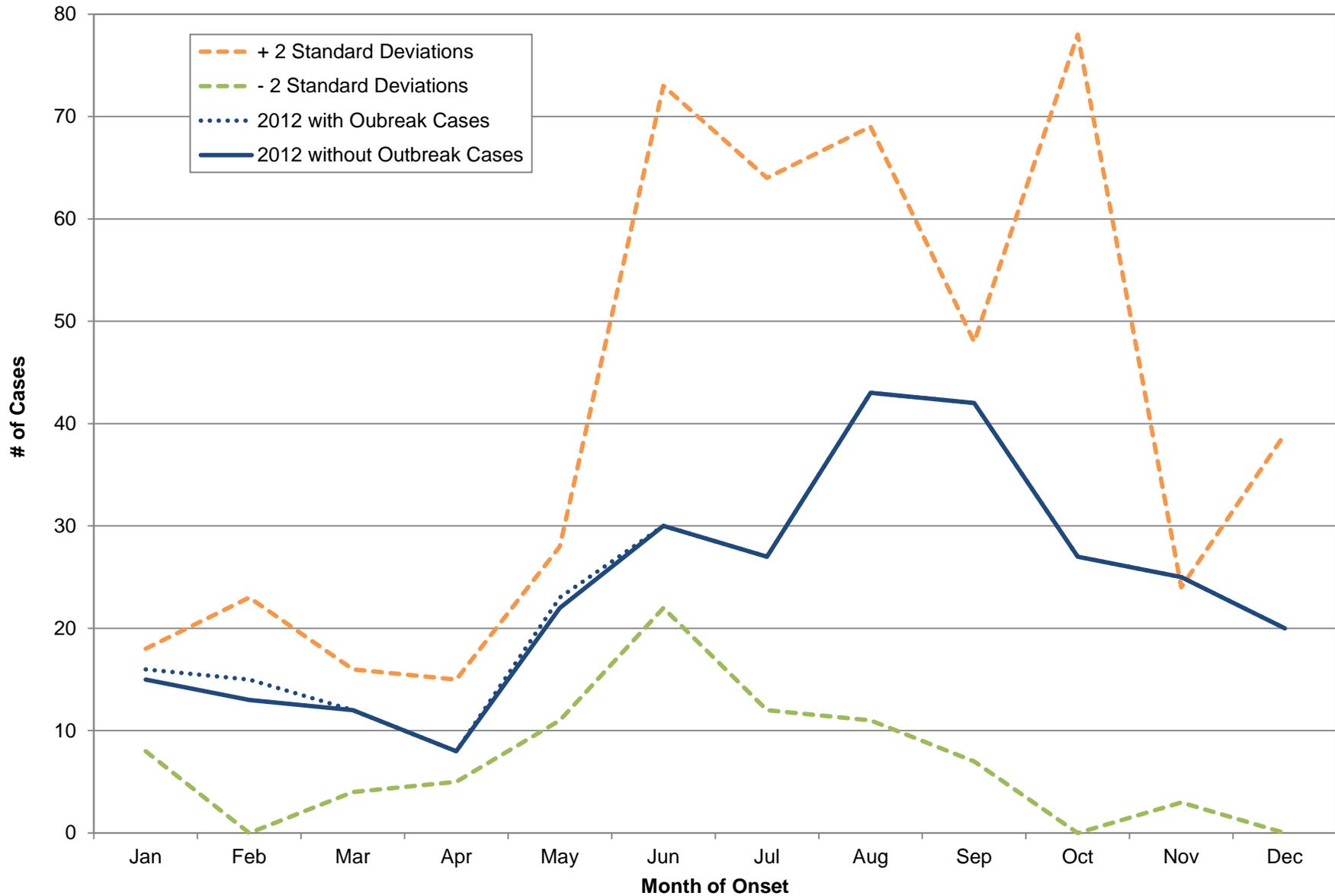
# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012

## LaCrosse Virus Disease



Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

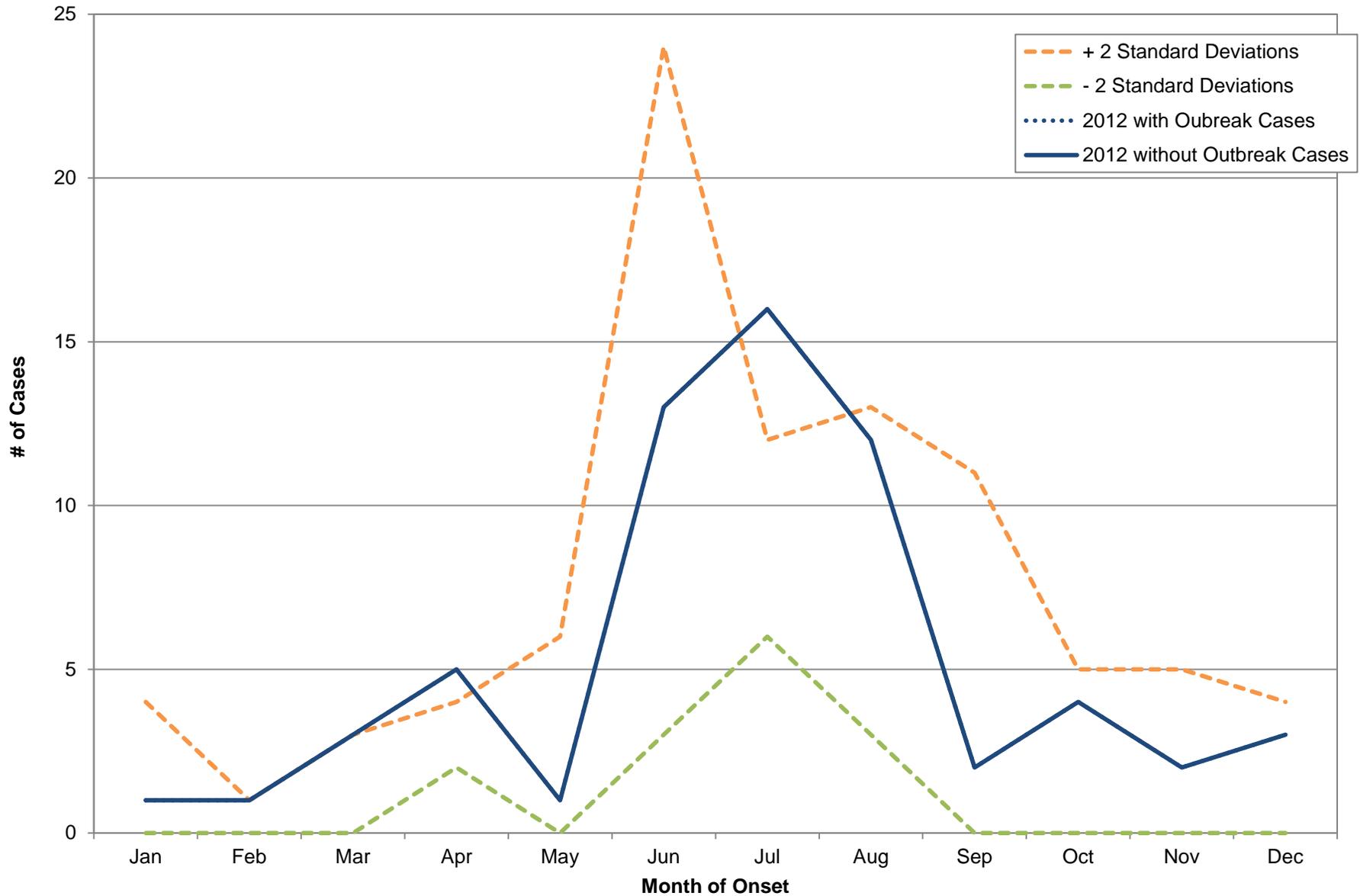
## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012 Legionellosis



Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012

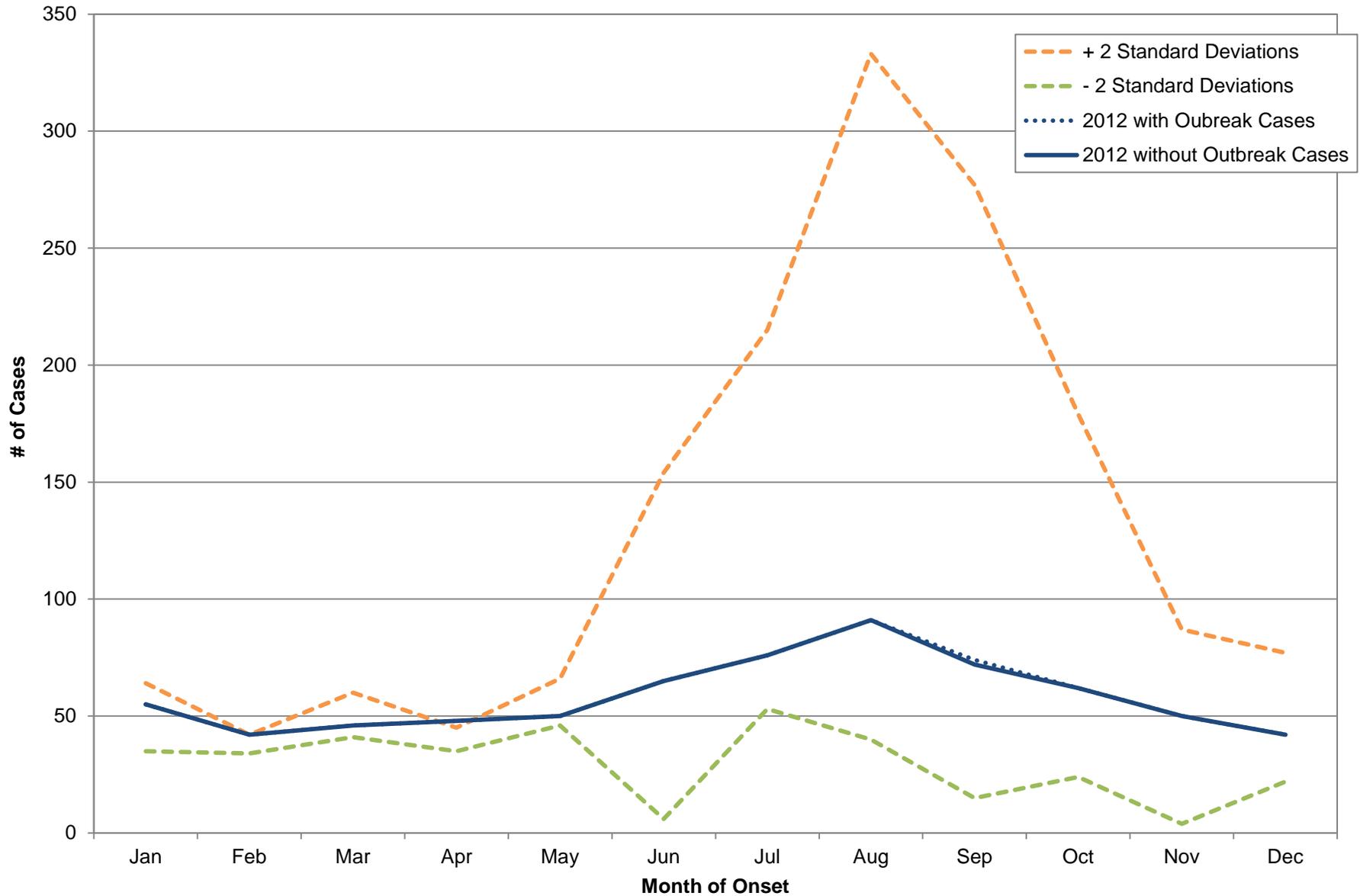
## Lyme Disease



Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

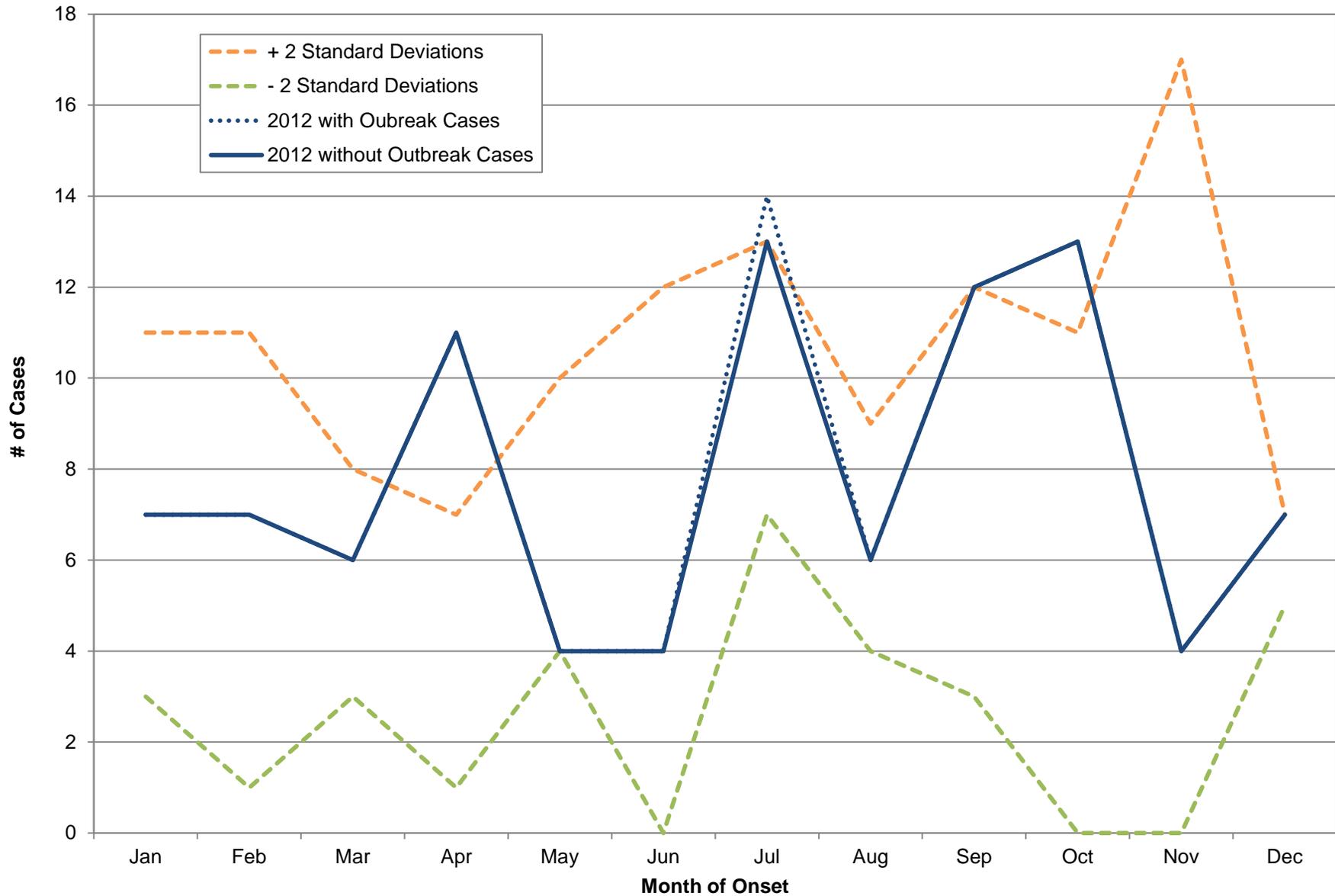
# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012

## Meningitis, Aseptic



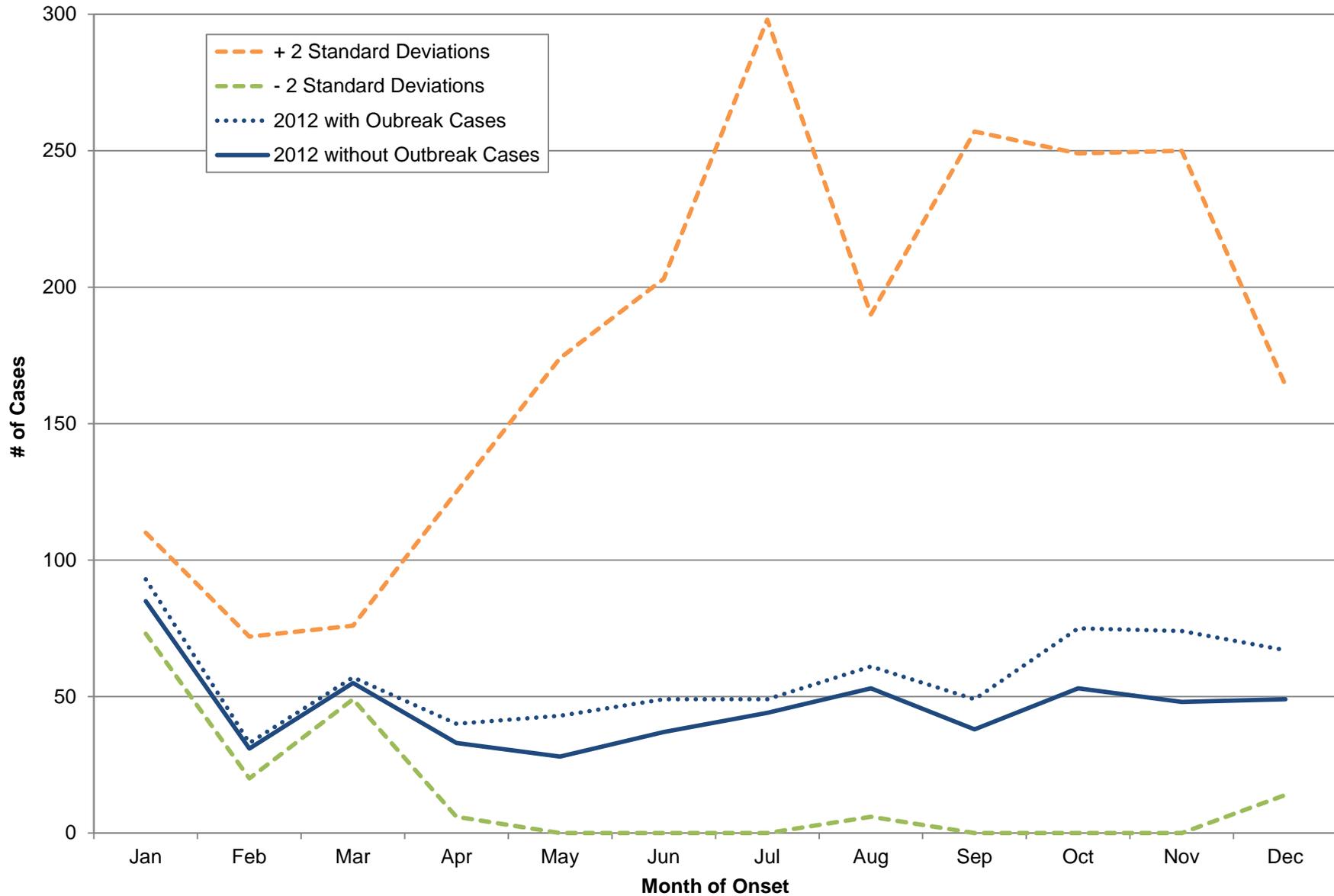
Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012 Meningitis, Other Bacterial



Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

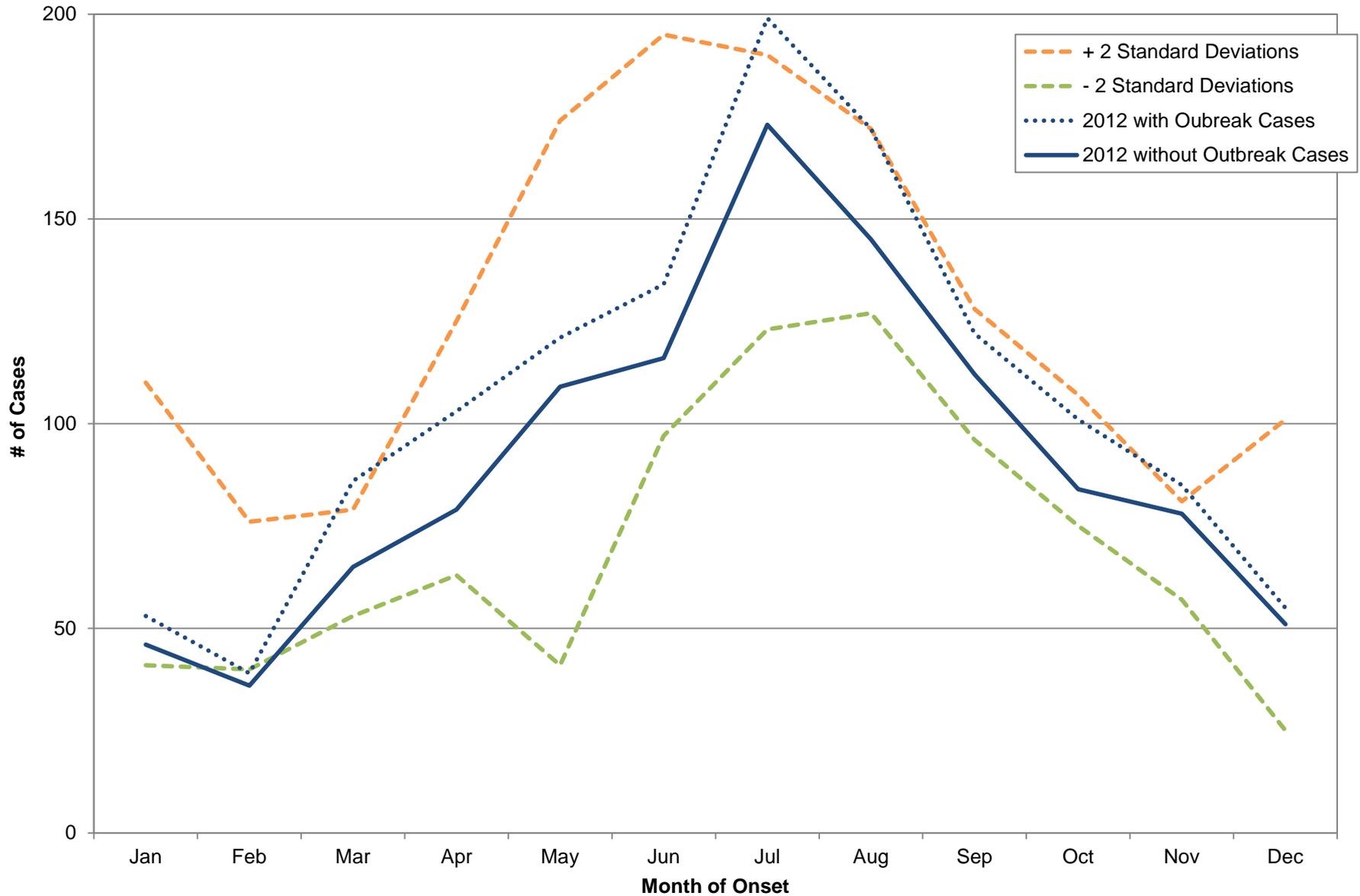
## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012 Pertussis



Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

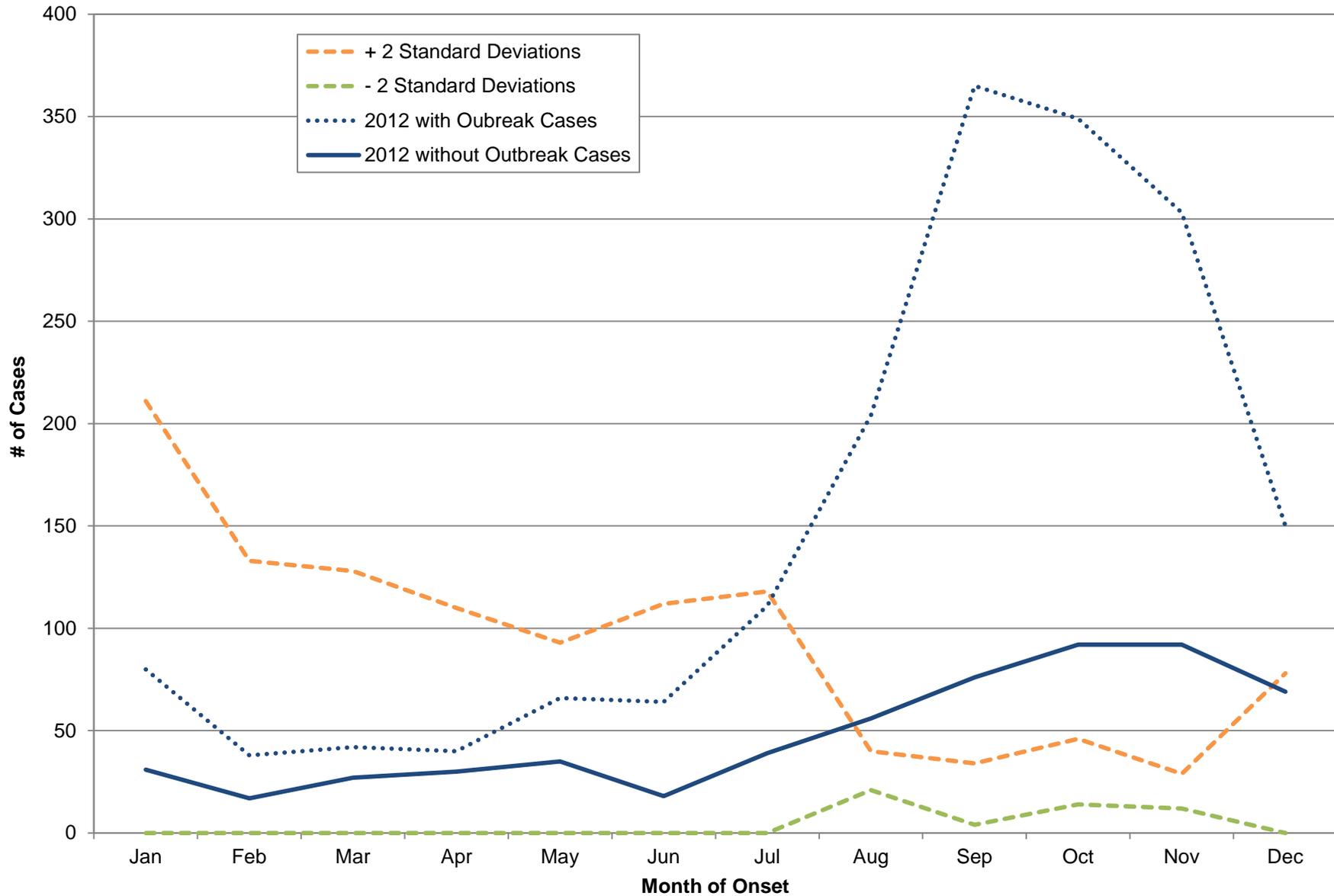
# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012

## Salmonellosis



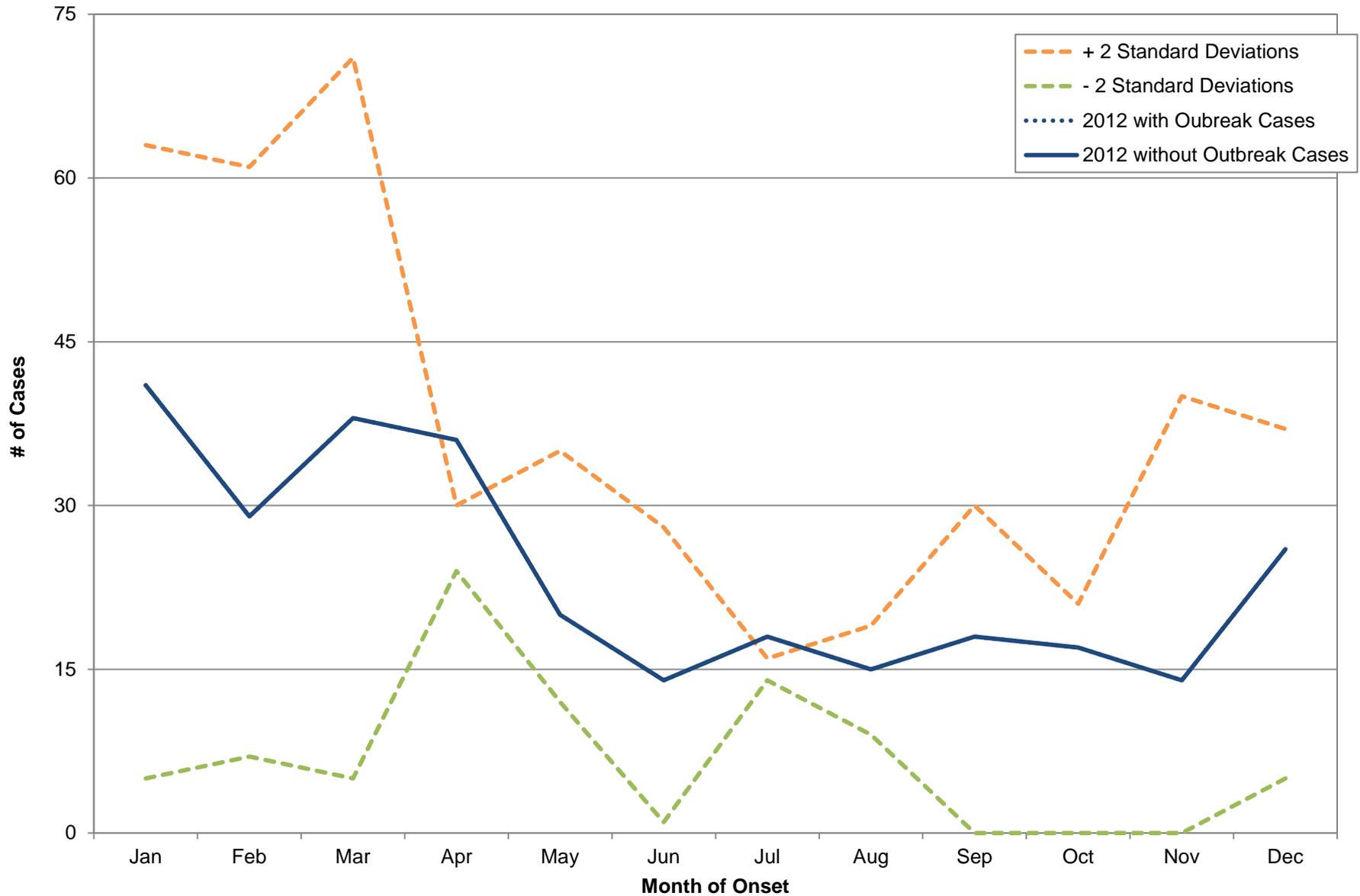
Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012 Shigellosis



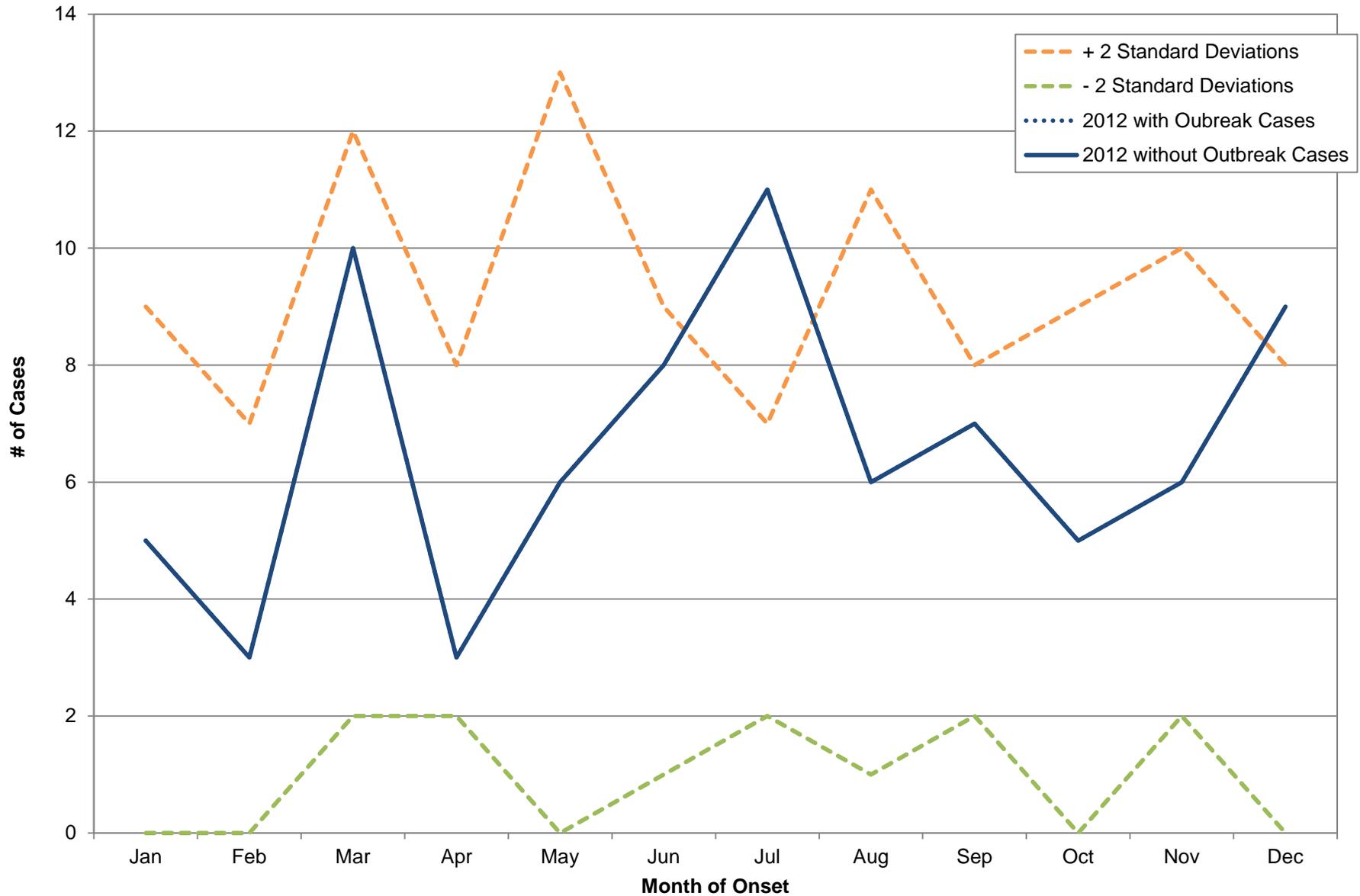
Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012 Streptococcal Disease, Group A, Invasive



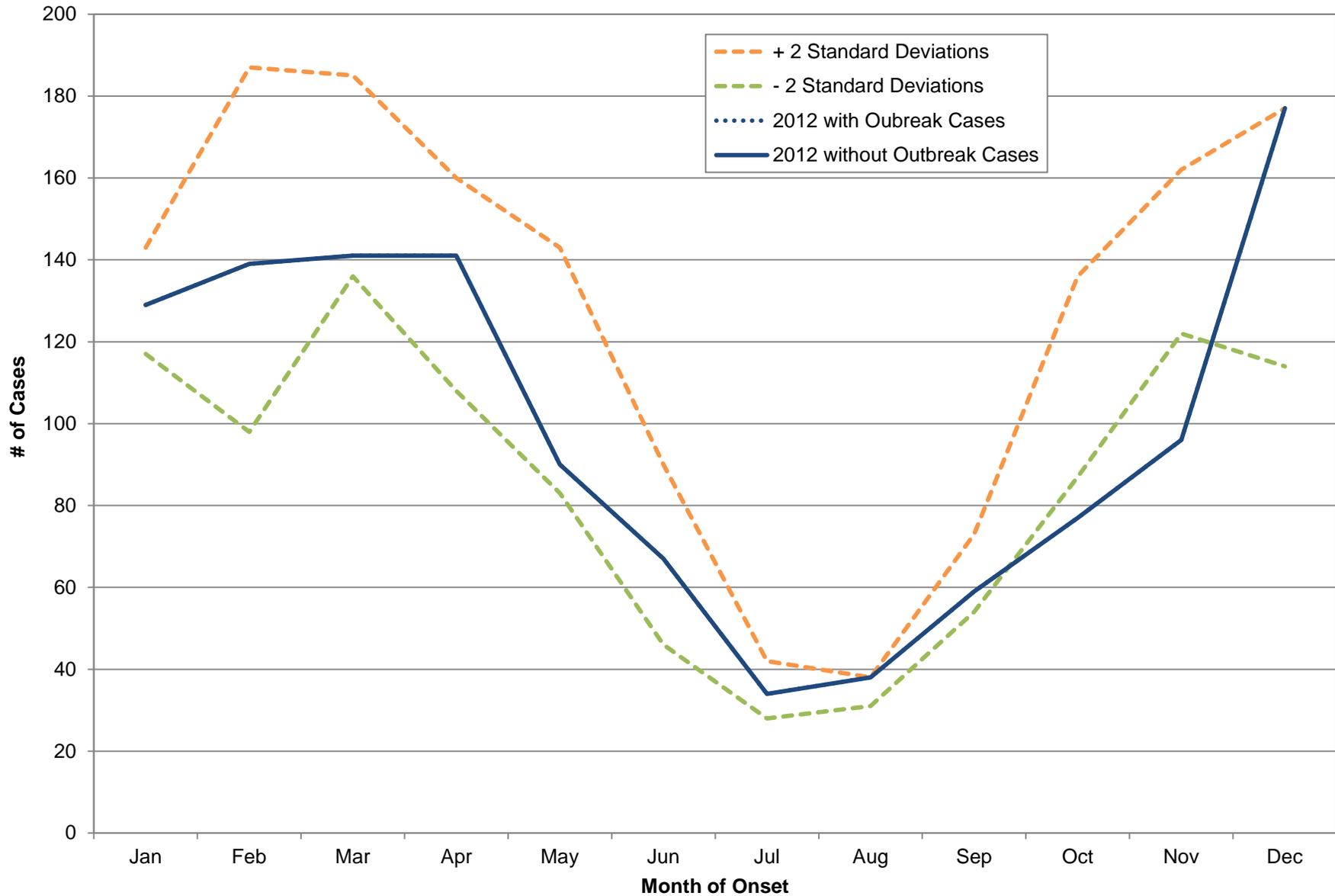
Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012 Streptococcal Disease, Group B, in Newborn



Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

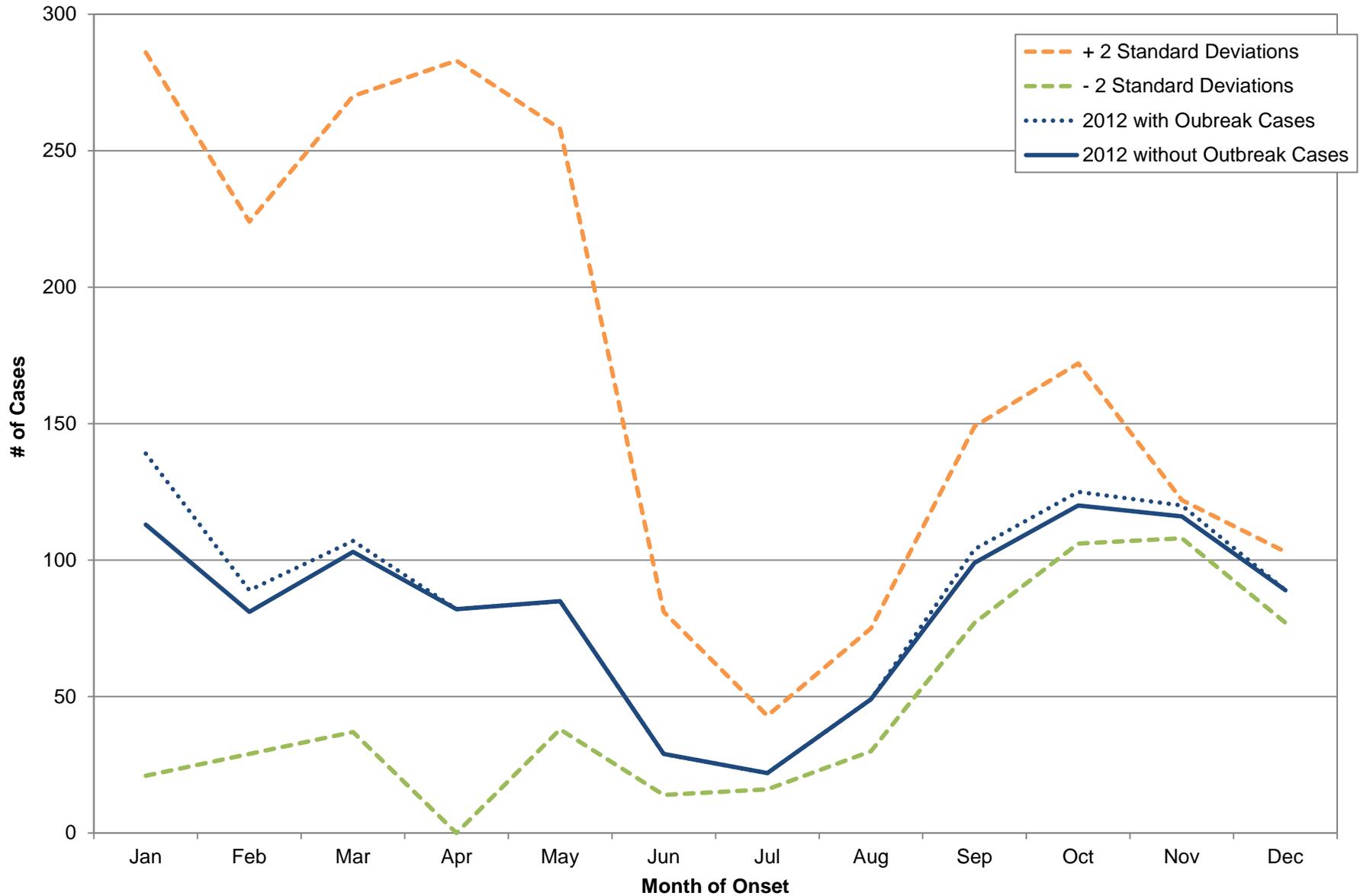
## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012 *Streptococcus pneumoniae*, Invasive Disease



Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

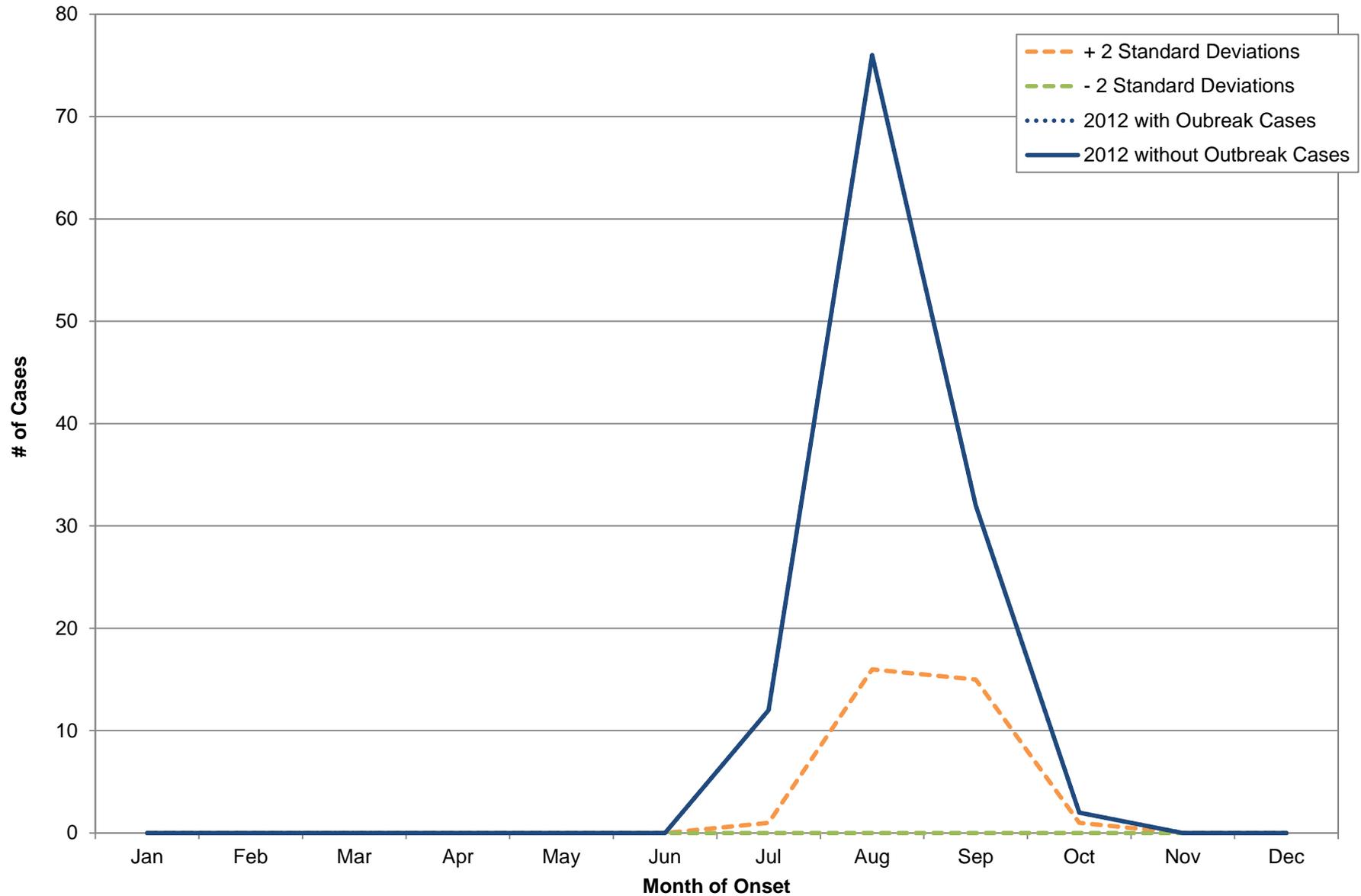
# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012

## Varicella



Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.

## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2012 West Nile Virus Infection



Baseline trends are 2 standard deviations of mean counts from 2009-2011 data.  
Source of disease data: Ohio Disease Reporting System.