

# GRAPHS OF SELECTED NOTIFIABLE DISEASE INCIDENCE

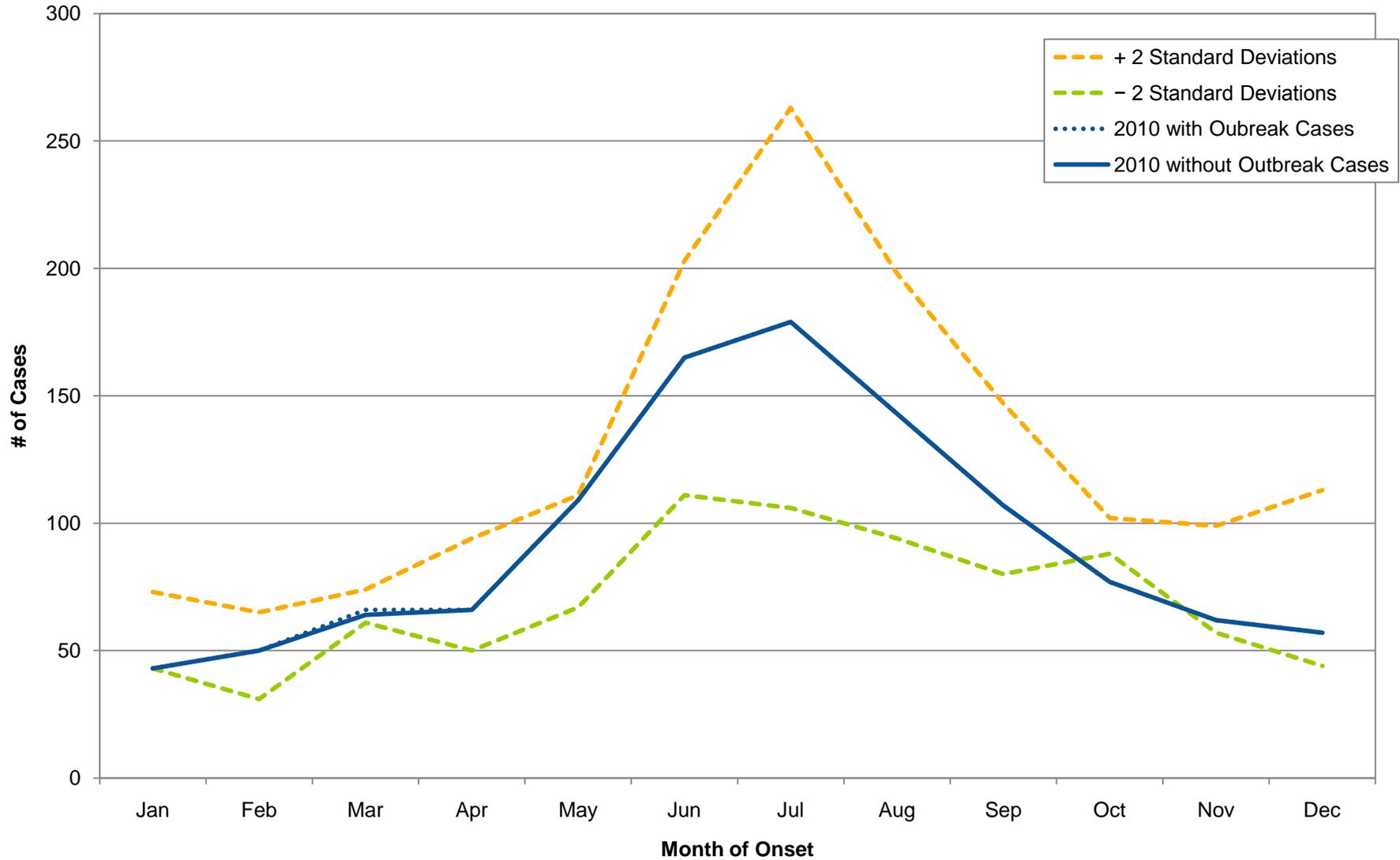
Disease incidence from 2010 is graphically presented to demonstrate general trends in surveillance data for selected Ohio reportable infectious diseases, including any statistically significant changes in the incidence observed. The trend graphs compare disease incidence from 2010 (i.e., observed cases) 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, 2007-2009. 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 2010 disease incidence compared to baseline disease incidence suggests the difference is unlikely to have occurred by chance.

General surveillance trends are graphed statewide. The 2010 data represent confirmed and probable cases of selected reportable diseases. In many instances, two trend lines can be seen graphed for 2010 incidence data: one for all cases, including those linked to a known outbreak, and one for cases not linked to a known outbreak. 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 in a given month are included in the statewide trends.

Disease data for 2010 and data used in the calculation of the baseline (2007-2009) 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, 2010

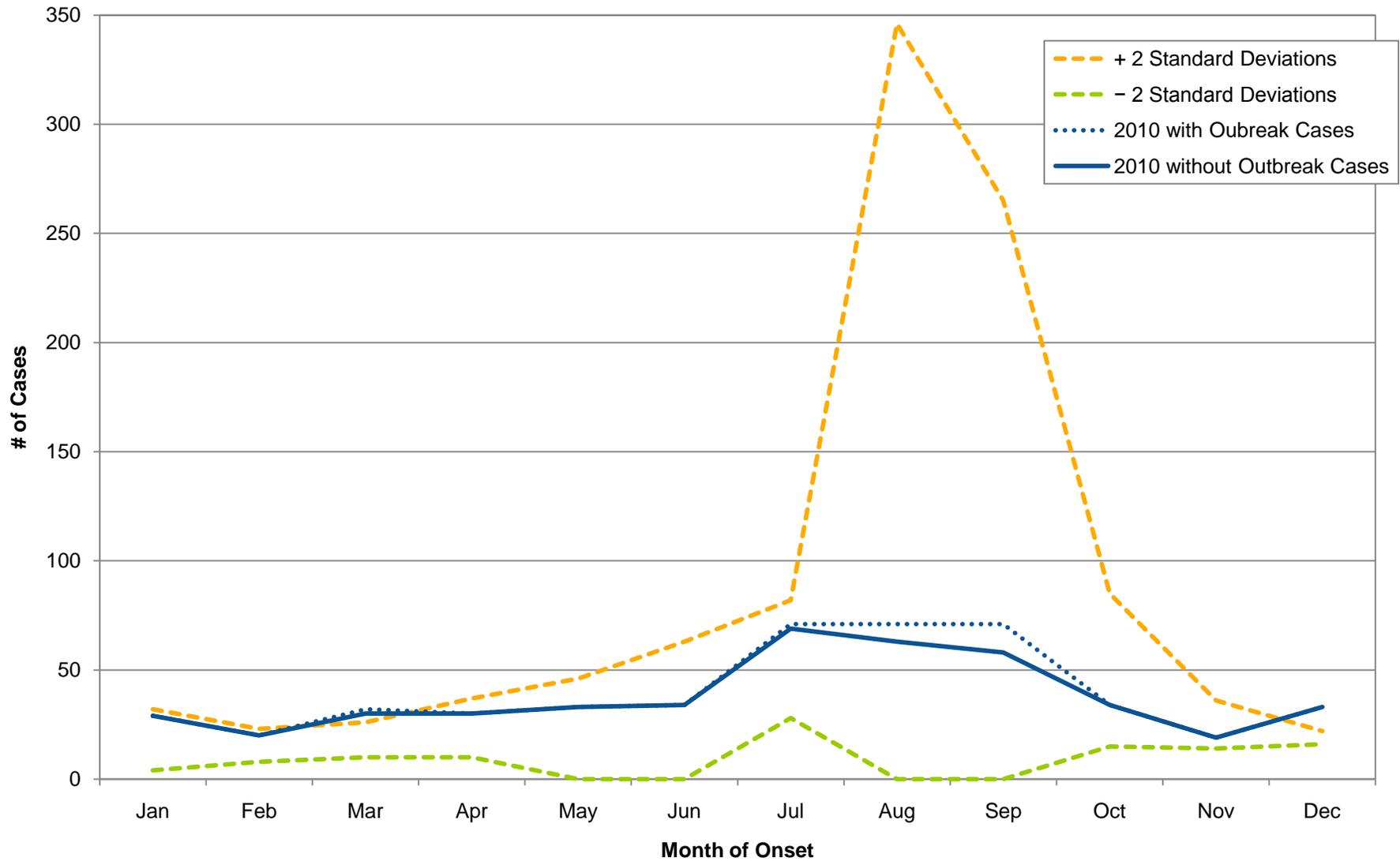
## Campylobacteriosis



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010

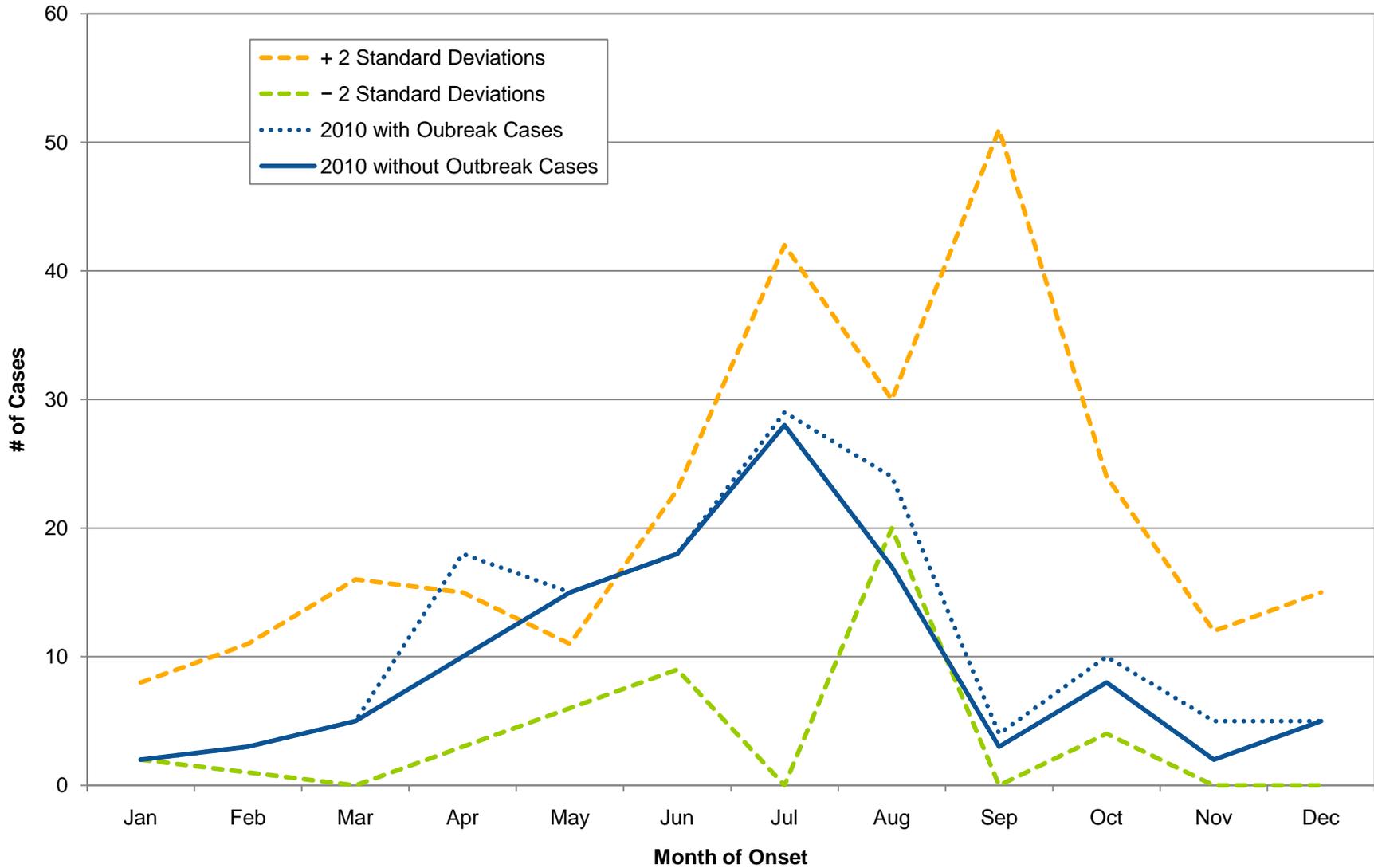
## Cryptosporidiosis



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010

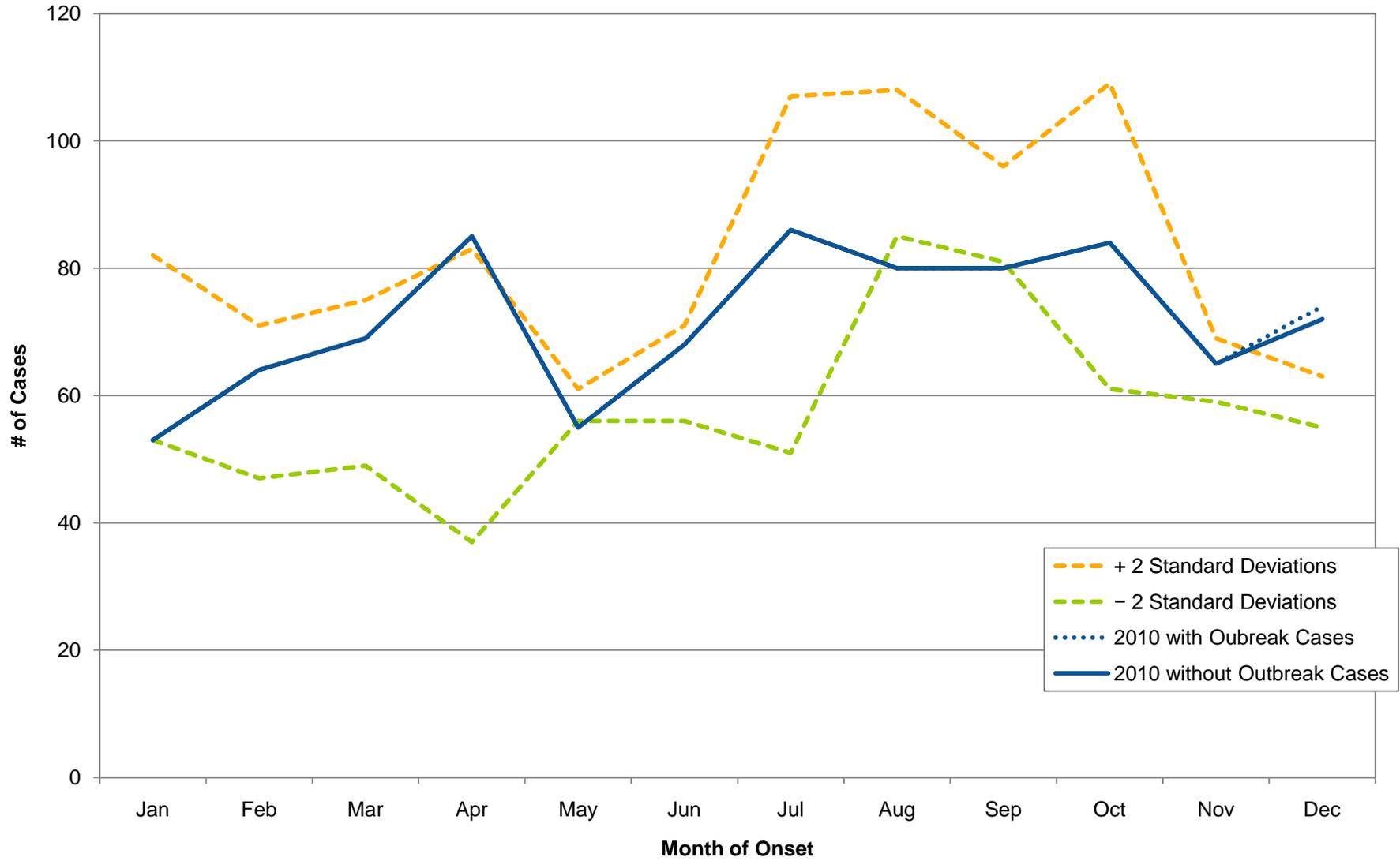
## *Escherichia coli*, Shiga Toxin-Producing



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010

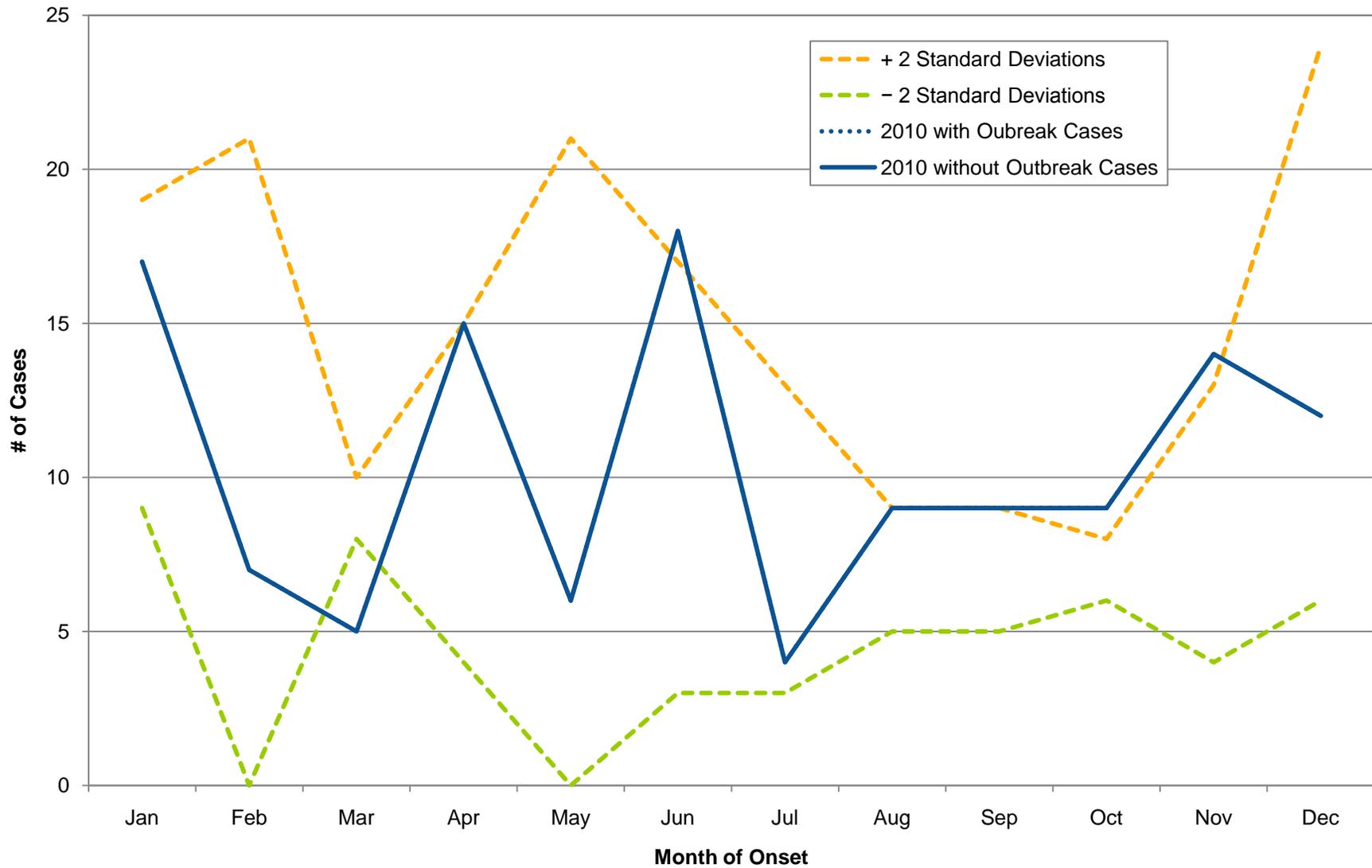
## Giardiasis



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

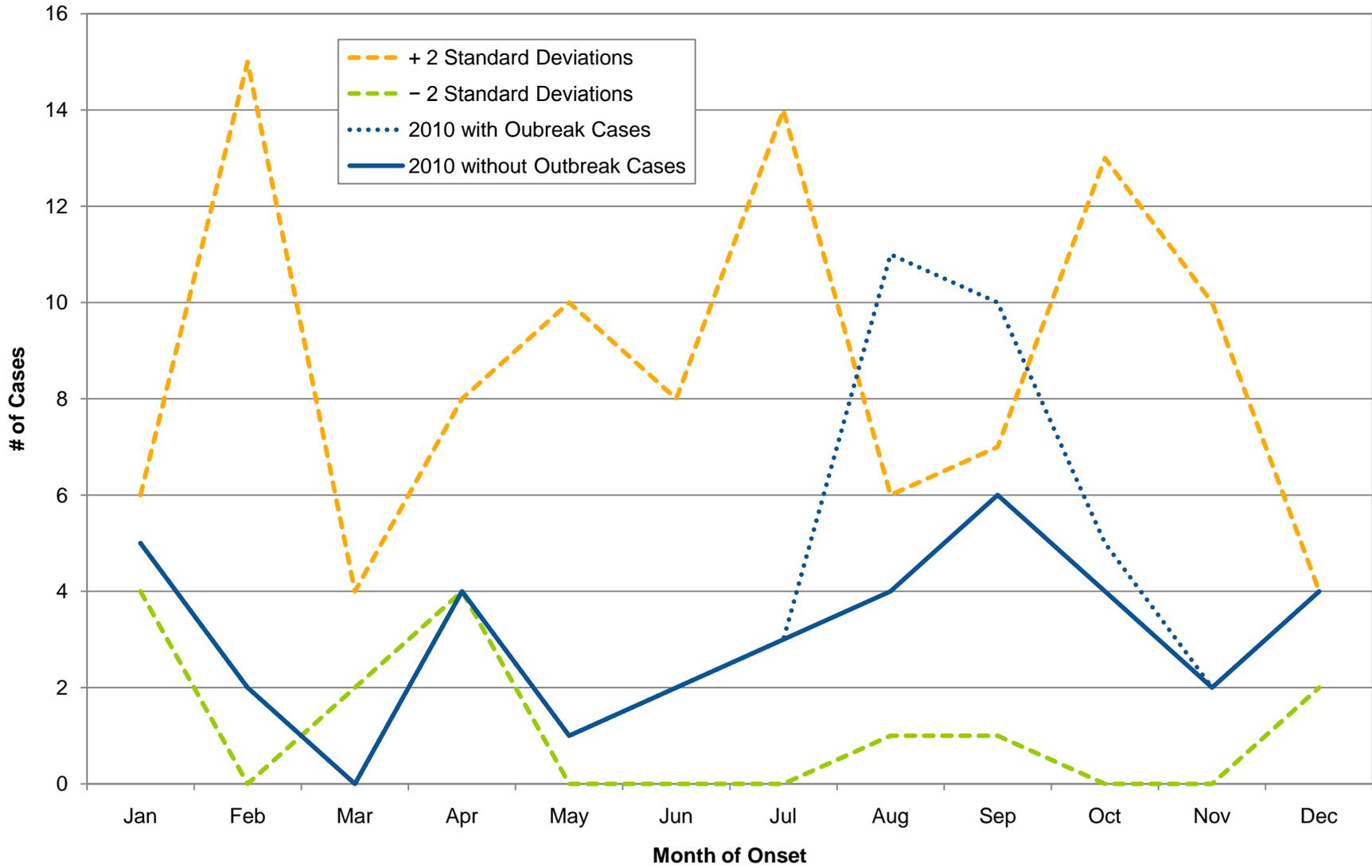
# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010

## *Haemophilus influenzae*, Invasive Disease



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

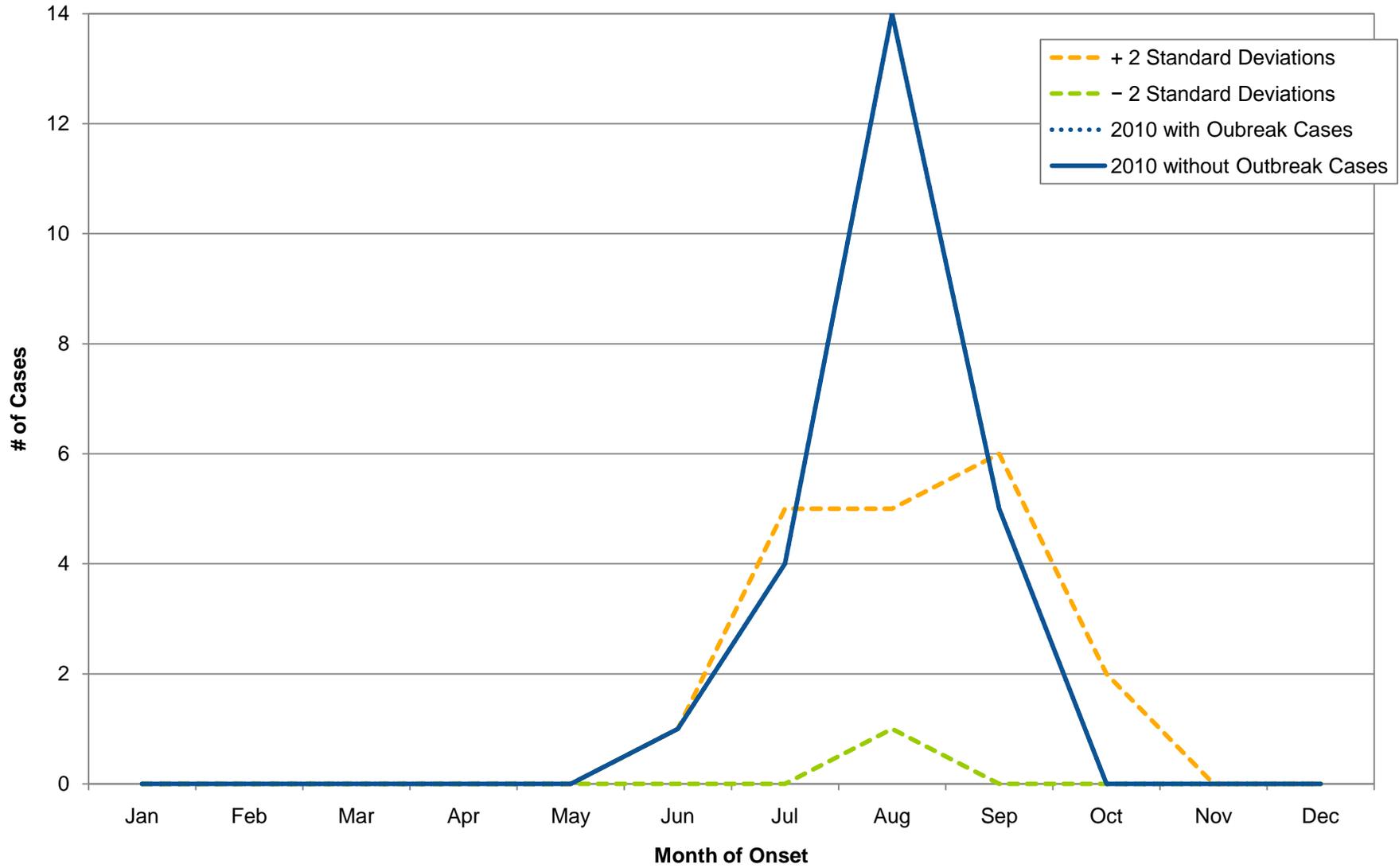
## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010 Hepatitis A



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

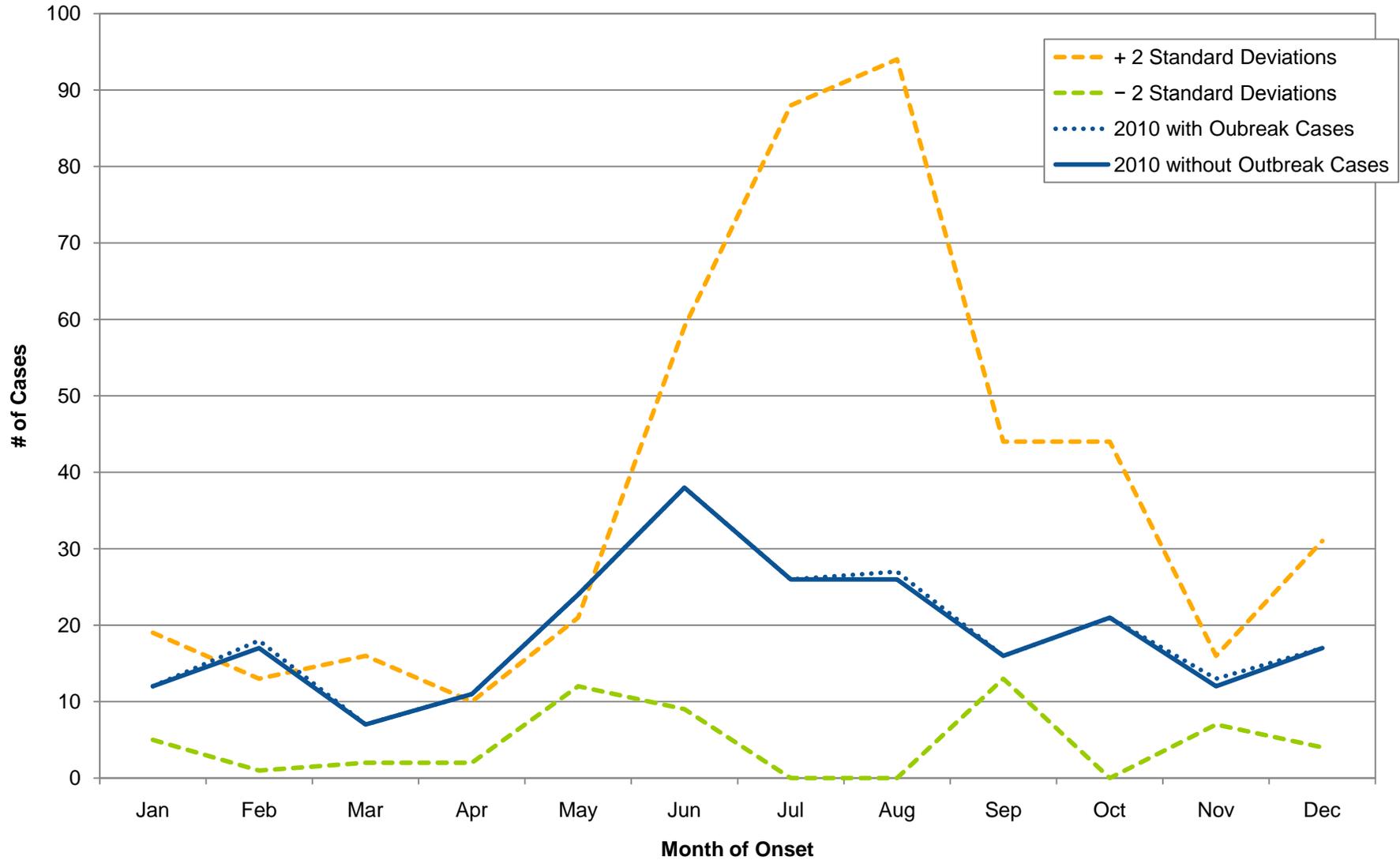
# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010

## LaCrosse Virus Disease



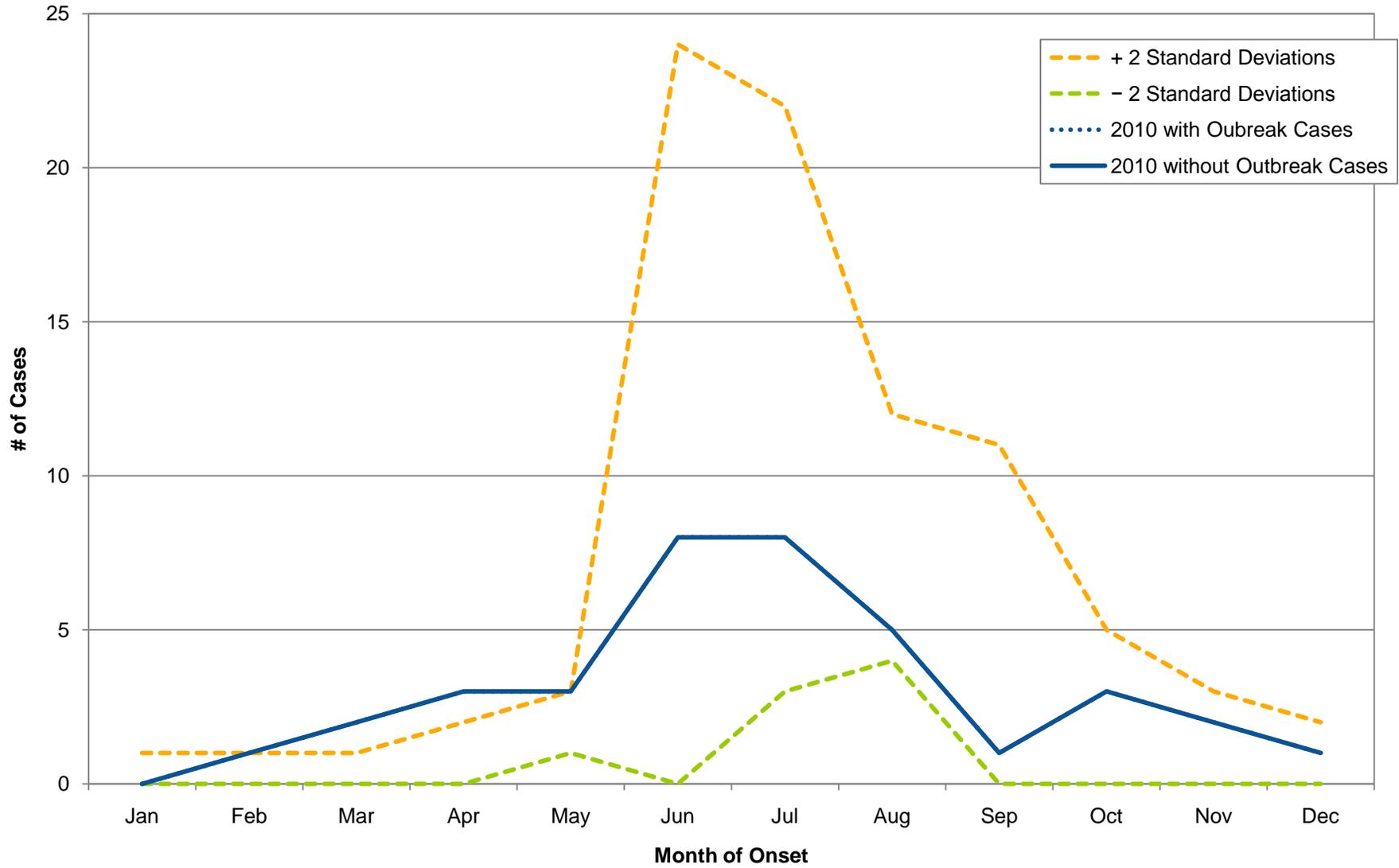
Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010 Legionellosis



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

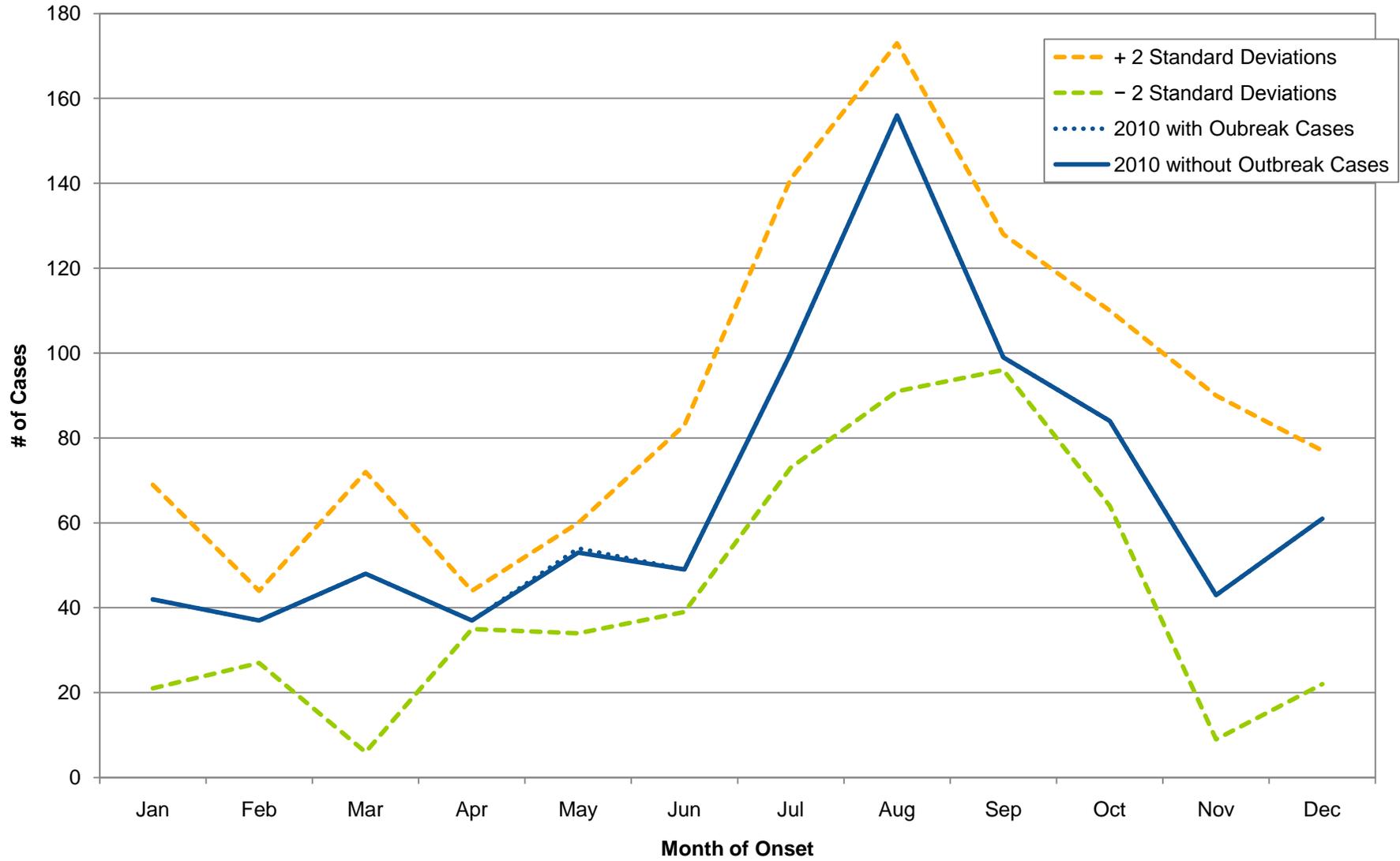
# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010 Lyme Disease



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010

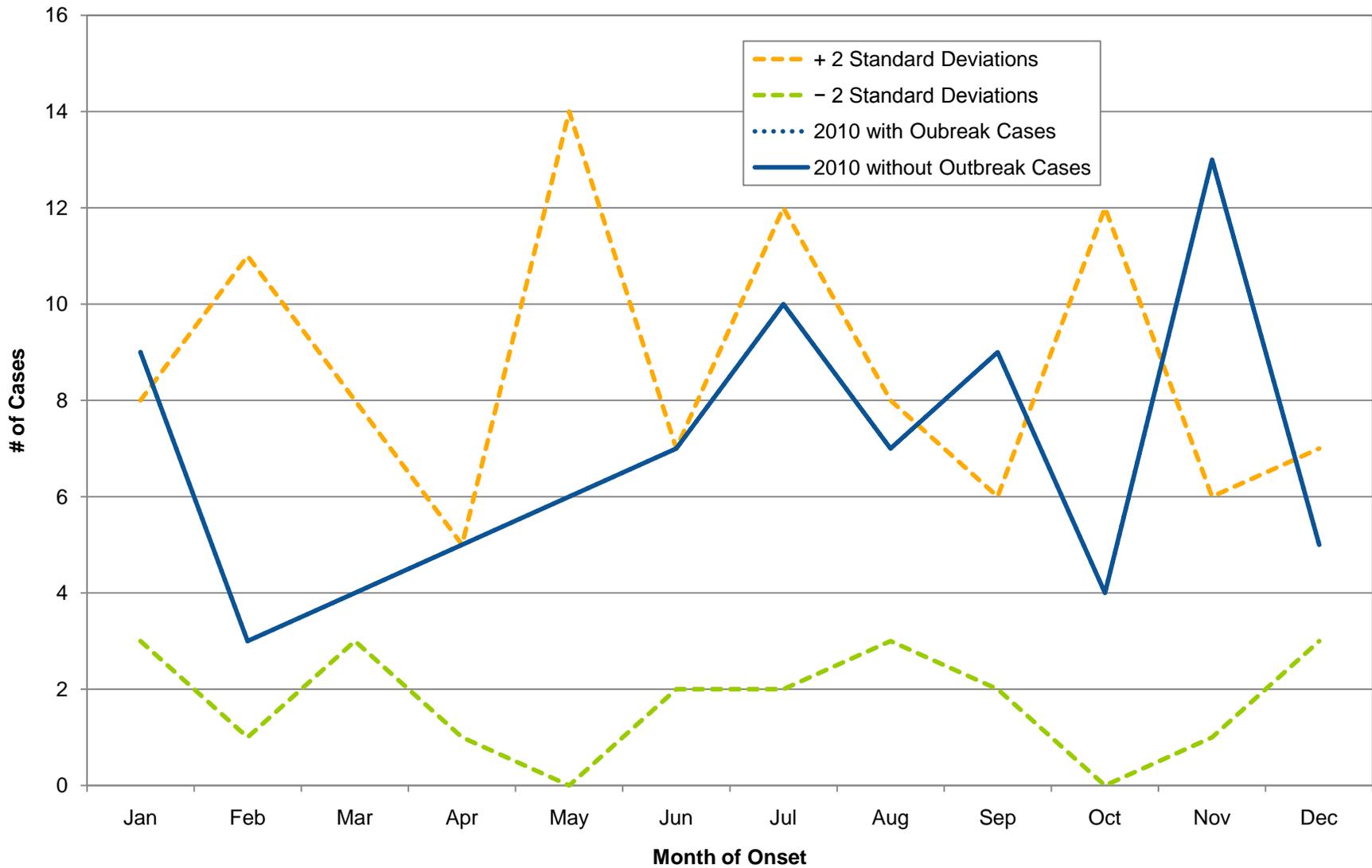
## Meningitis, Aseptic



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

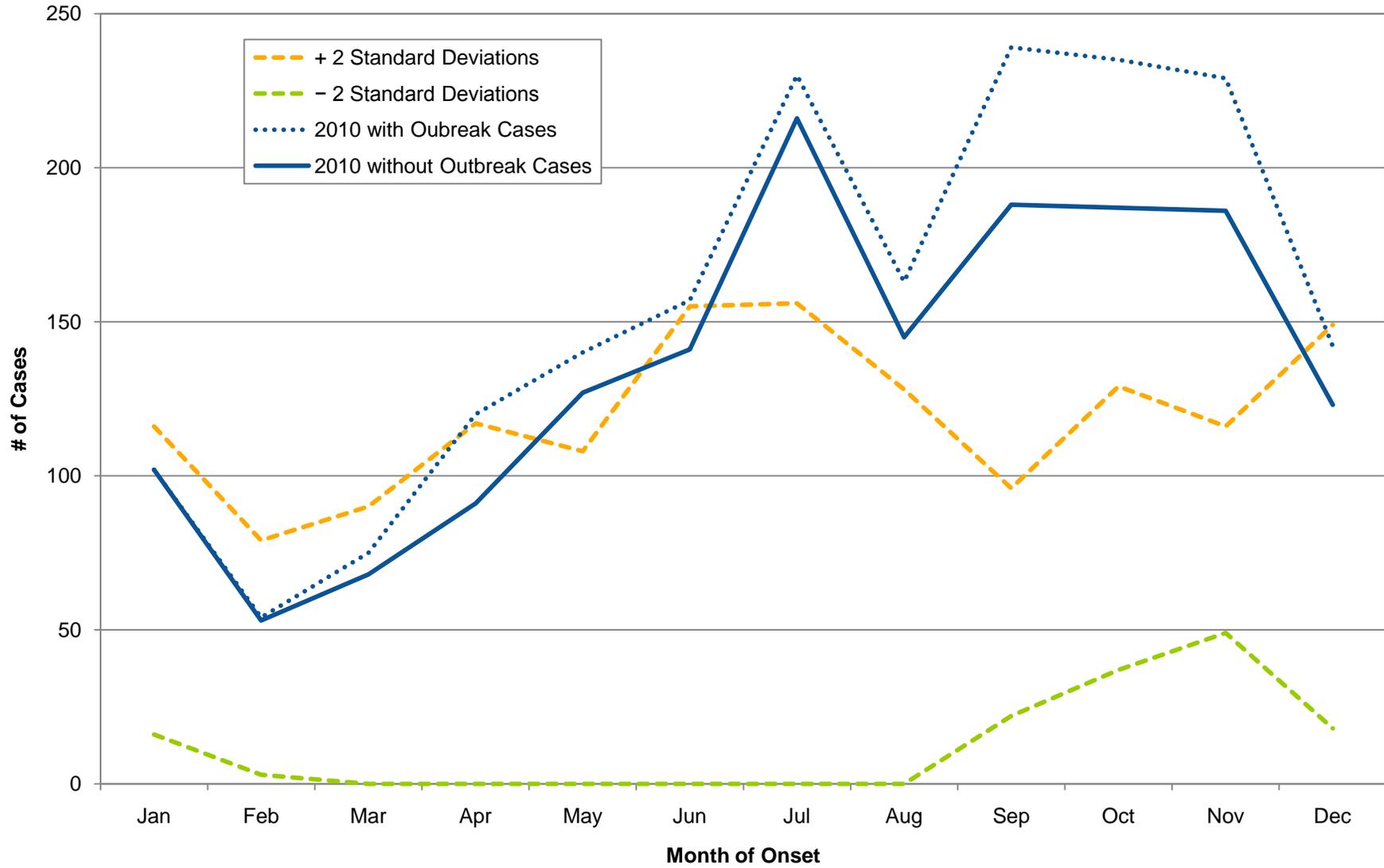
# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010

## Meningitis, Other Bacterial



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

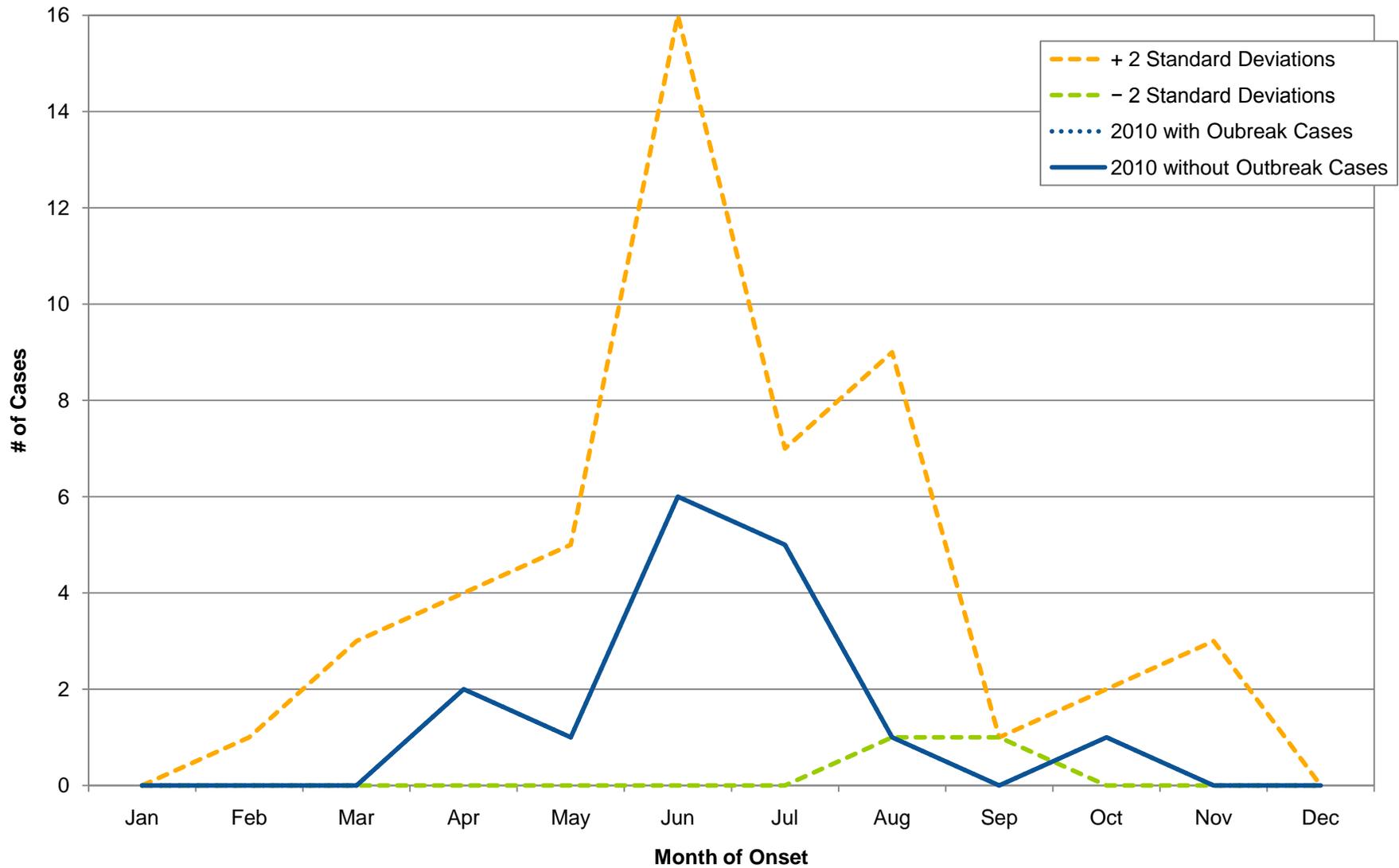
## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010 Pertussis



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

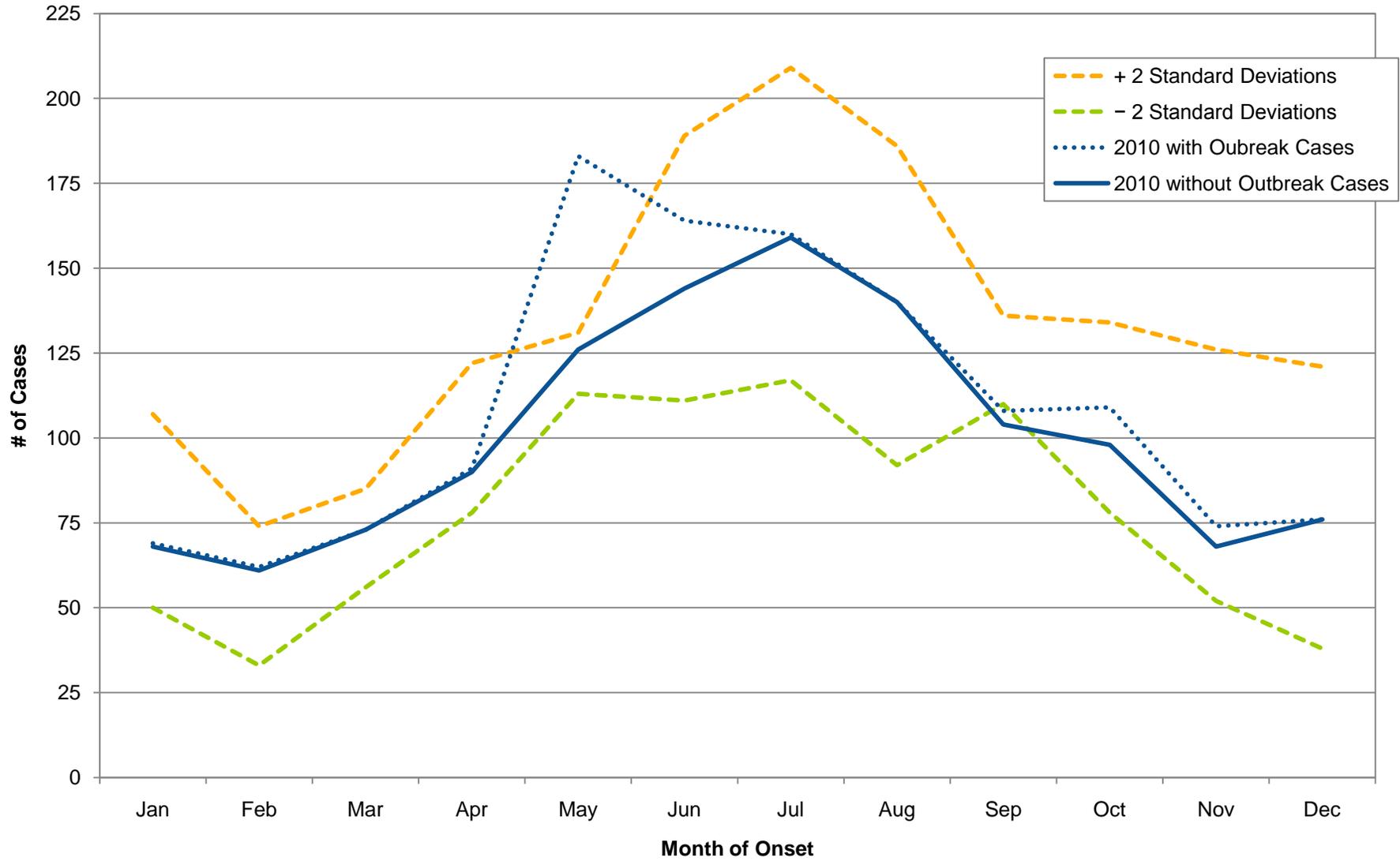
# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010

## Rocky Mountain Spotted Fever



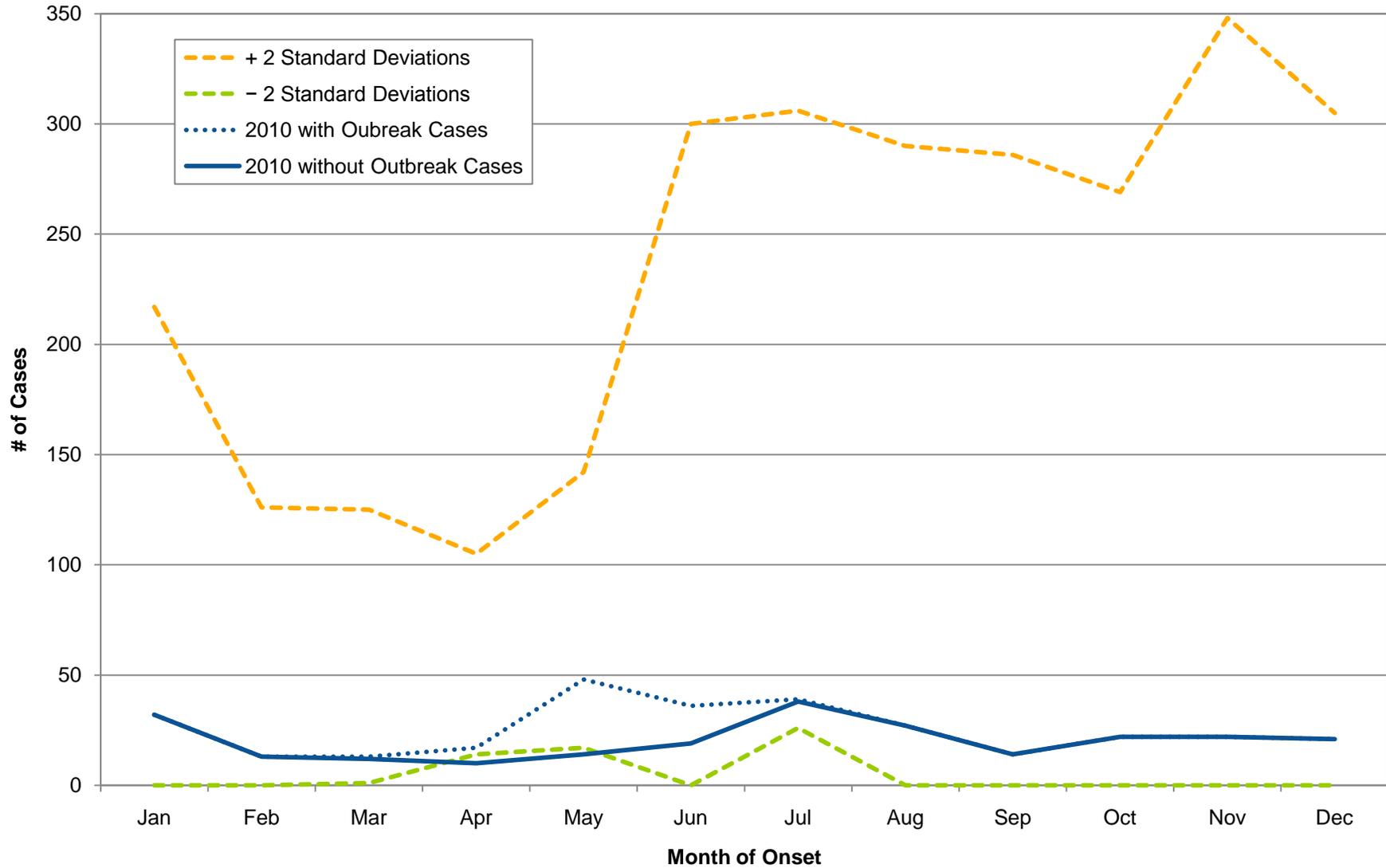
Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010 Salmonellosis



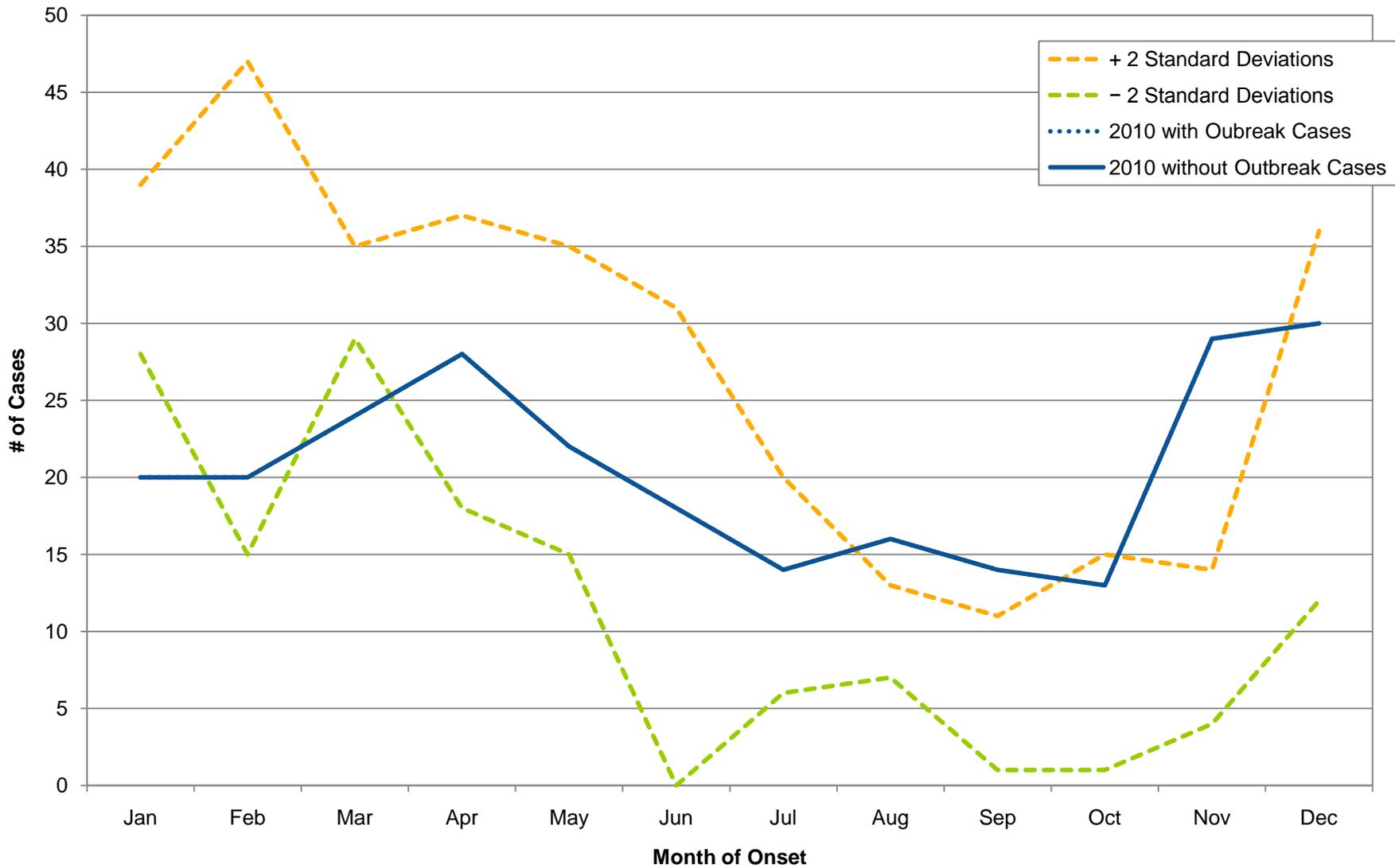
Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010 Shigellosis



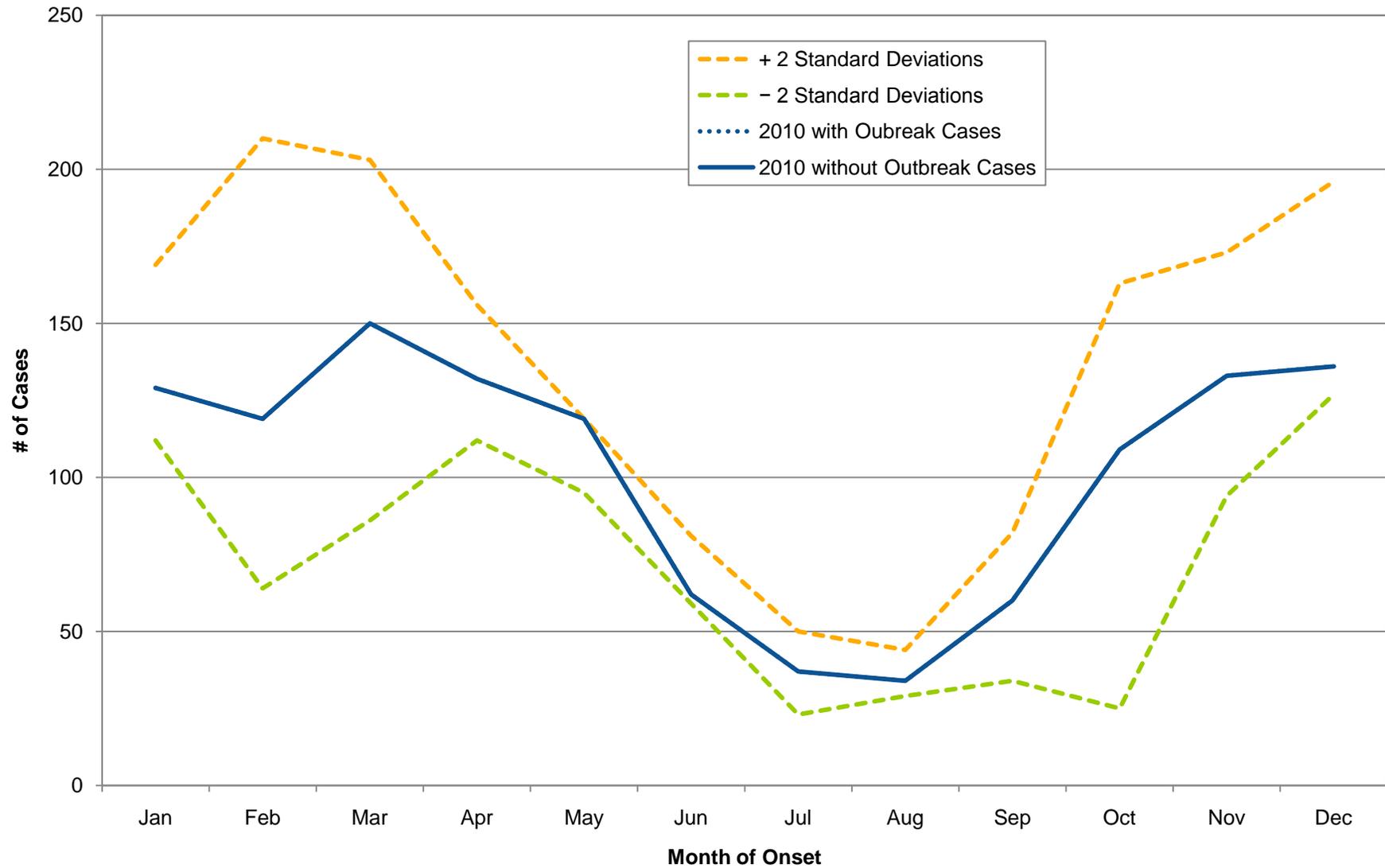
Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010 Streptococcal Disease, Group A, Invasive



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

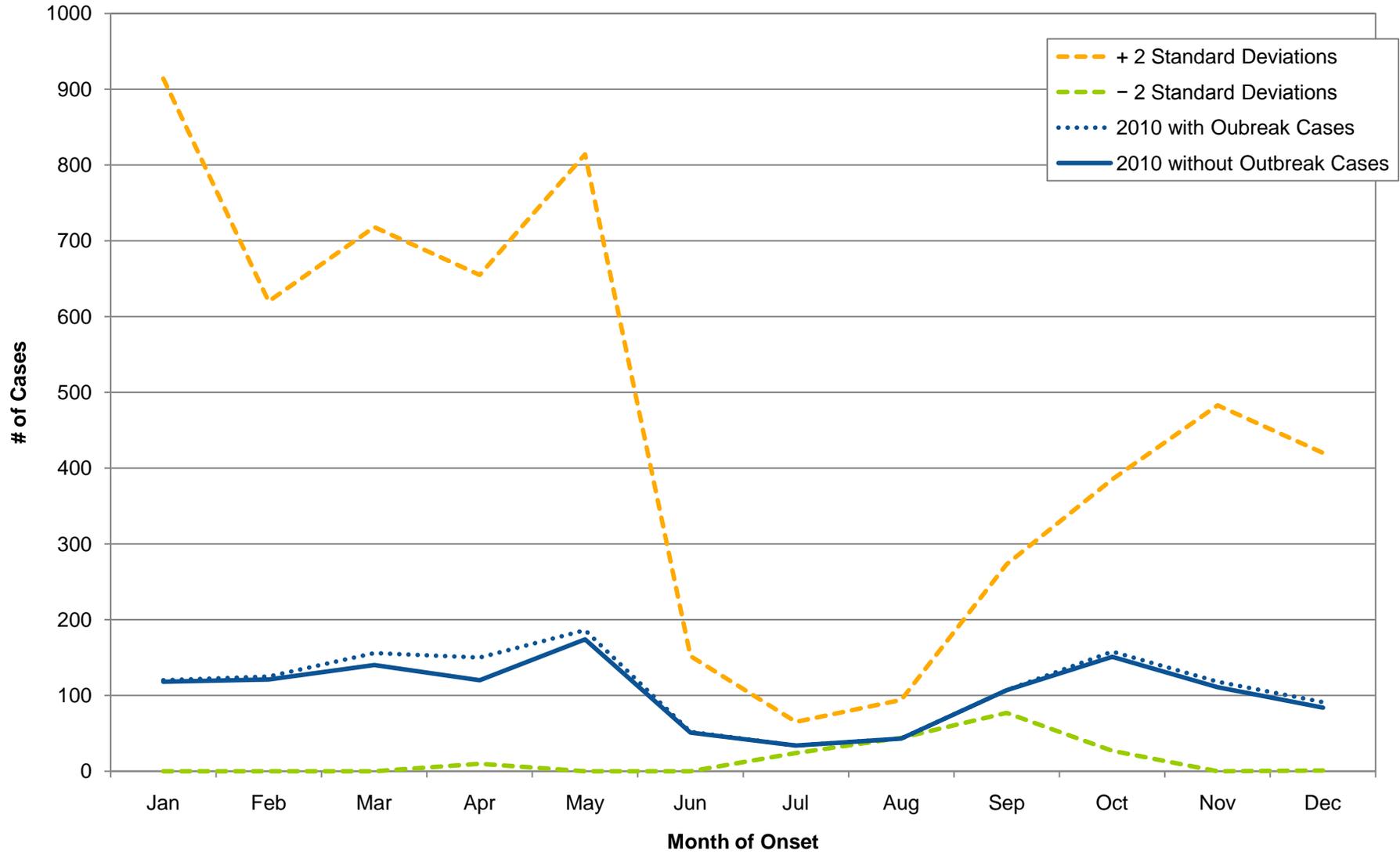
## INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010 *Streptococcus pneumoniae*, Invasive Disease



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

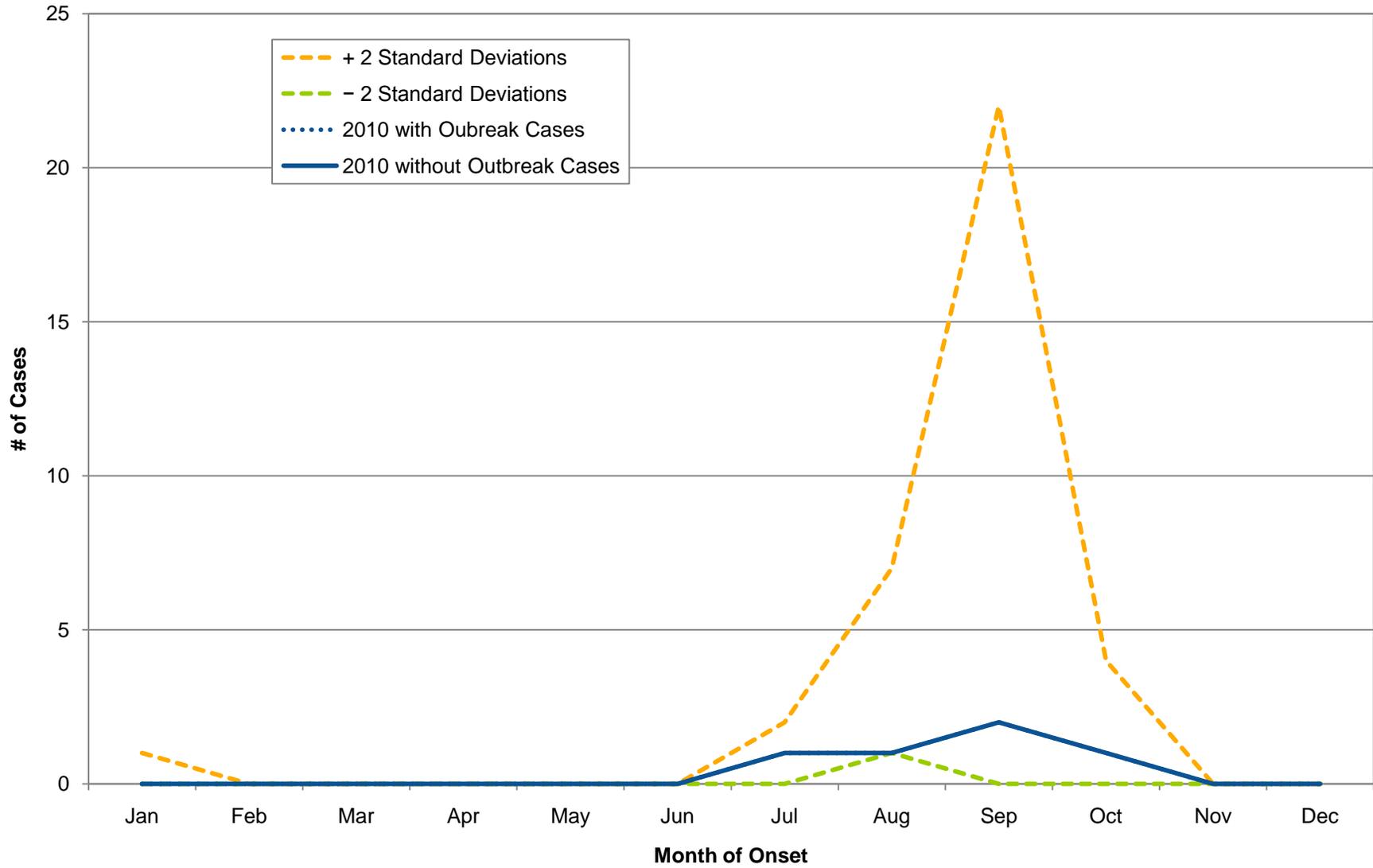
# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010

## Varicella



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.

# INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2010 West Nile Virus Infection



Baseline trends are 2 standard deviations of mean counts from 2007-2009.  
Source of disease data: Ohio Disease Reporting System.