

GRAPHS OF SELECTED NOTIFIABLE DISEASE INCIDENCE

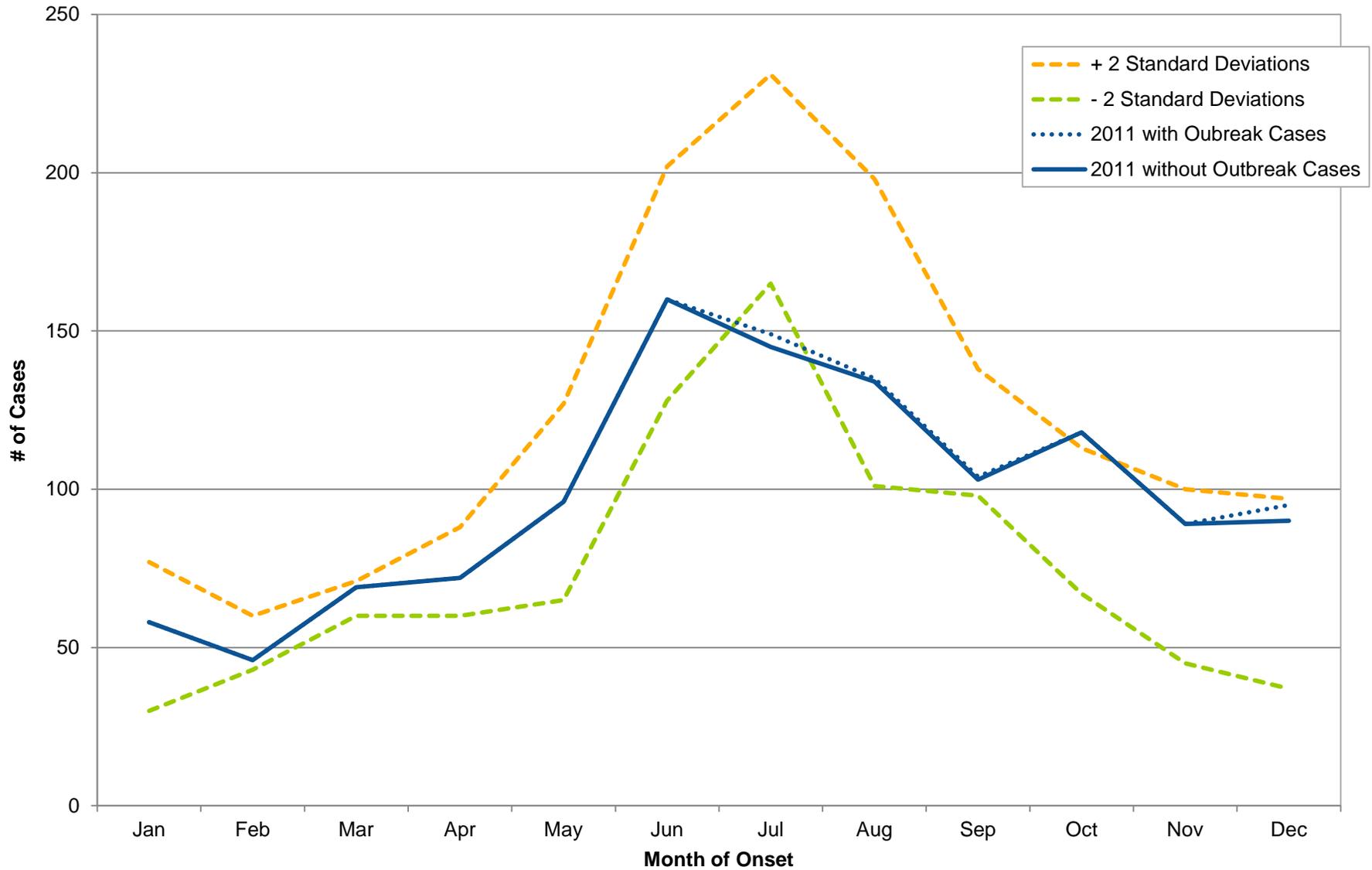
Disease incidence from 2011 is graphically presented to demonstrate general trends in surveillance data for selected Ohio reportable infectious diseases, including any statistically significant changes in the incidence observed. The trend graphs compare disease incidence from 2011 (i.e., observed cases) 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, 2008-2010. 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 2011 disease incidence compared to baseline disease incidence suggests the difference is unlikely to have occurred by chance.

General surveillance trends are graphed statewide. The 2011 data represent confirmed and probable cases of selected reportable diseases. In many instances, two trend lines can be seen graphed for 2011 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 2011 and data used in the calculation of the baseline (2008-2010) 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, 2011

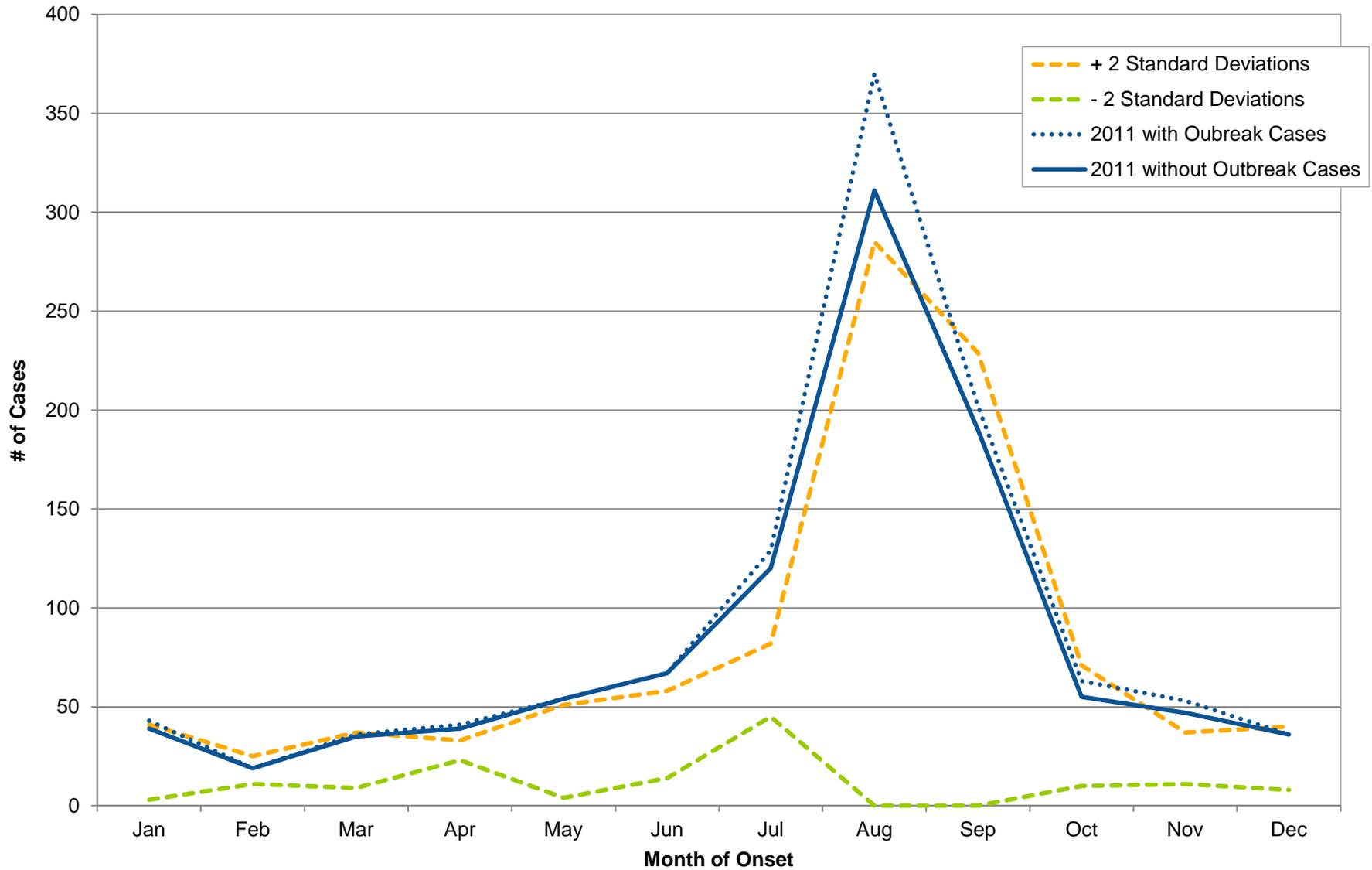
Campylobacteriosis



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011

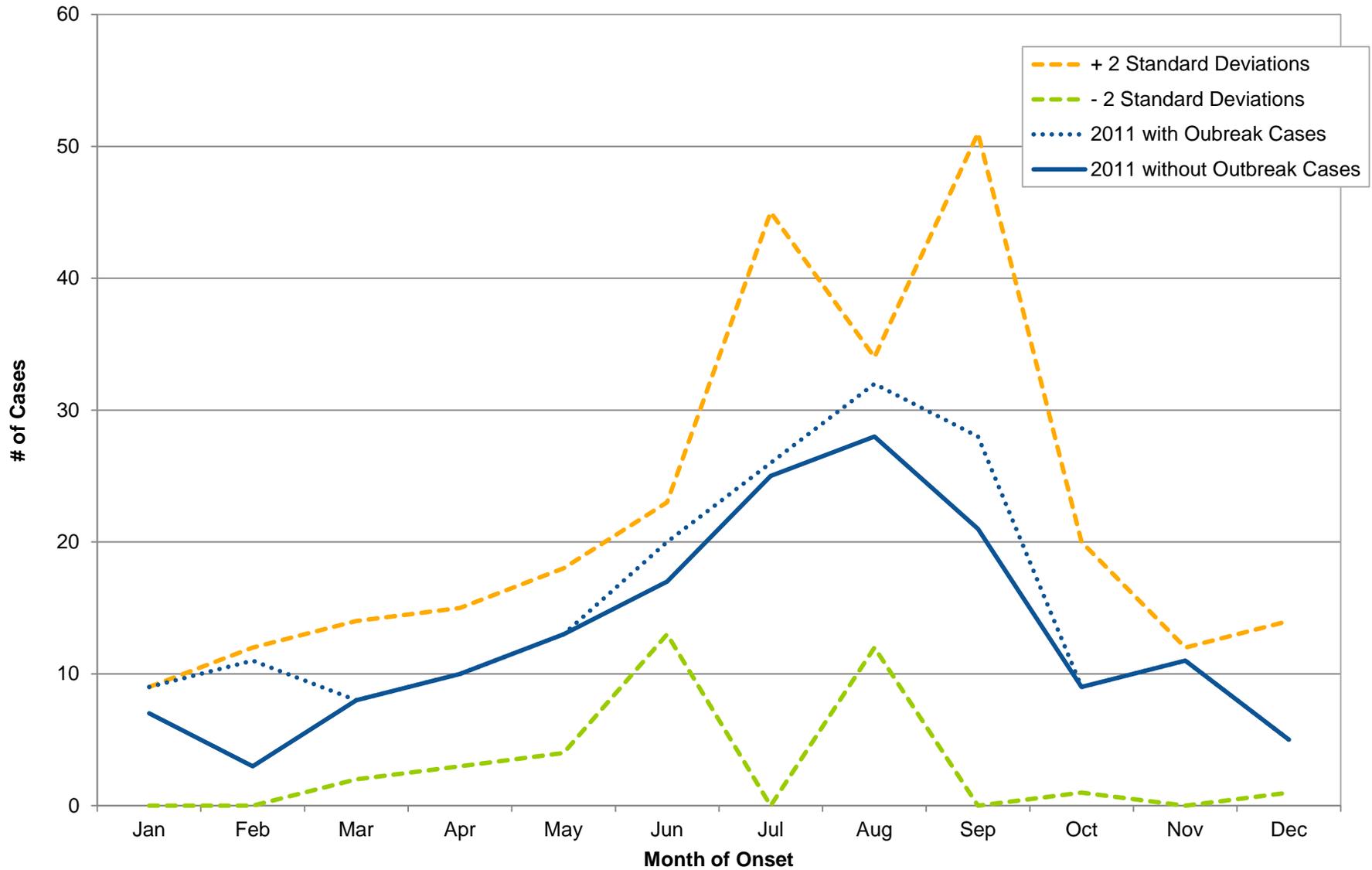
Cryptosporidiosis



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011

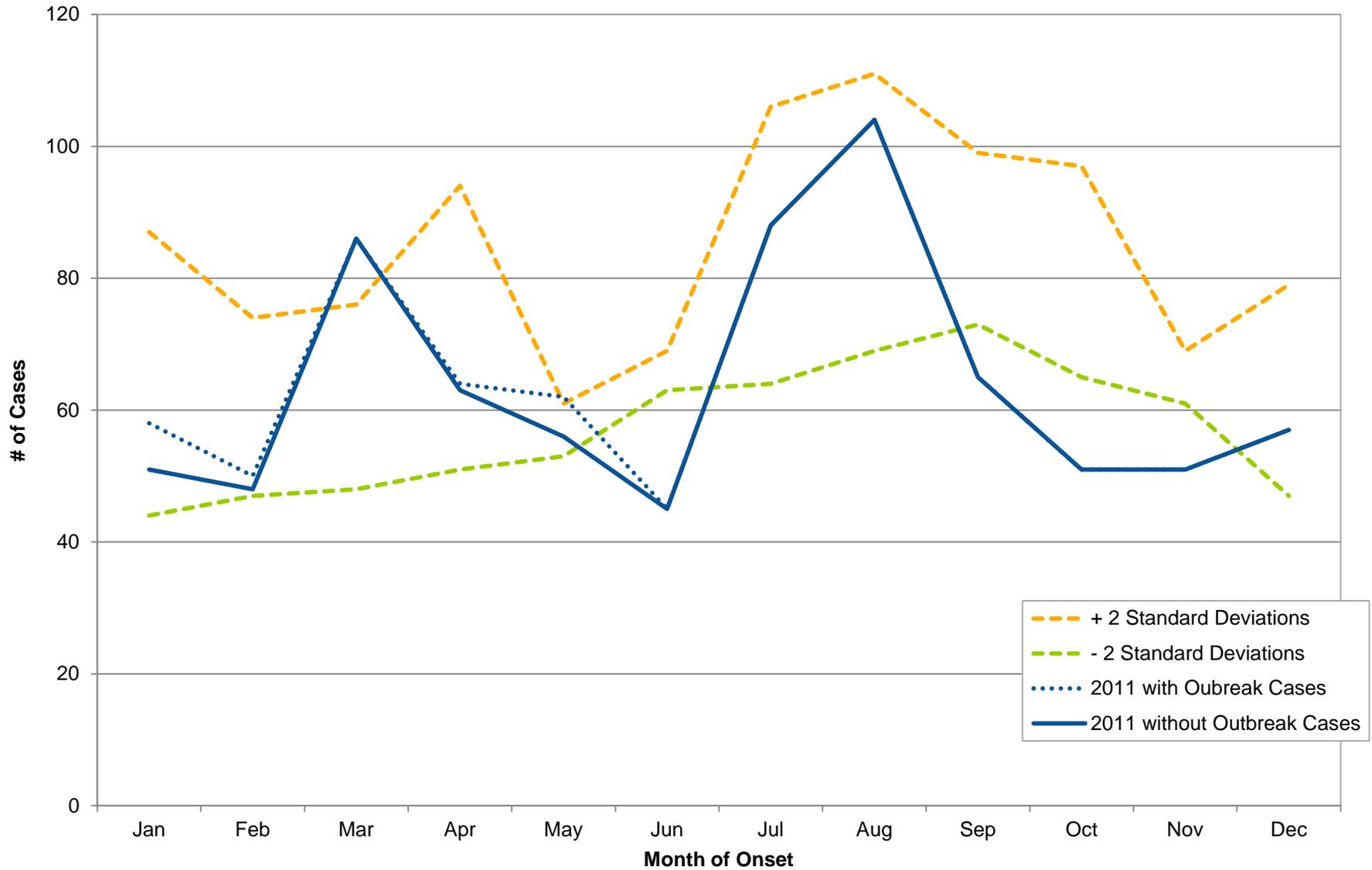
Escherichia coli, Shiga Toxin-Producing



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011

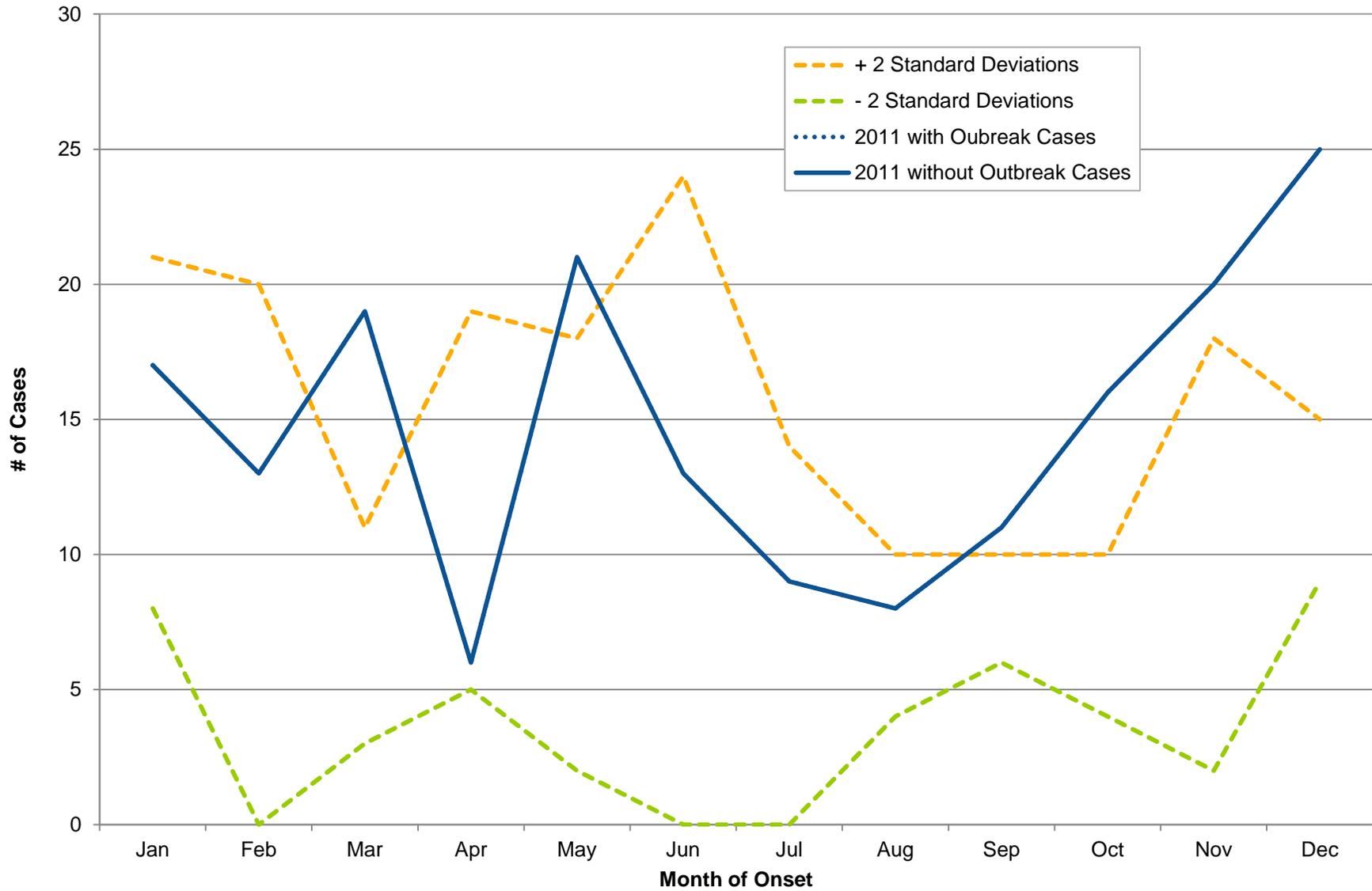
Giardiasis



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011

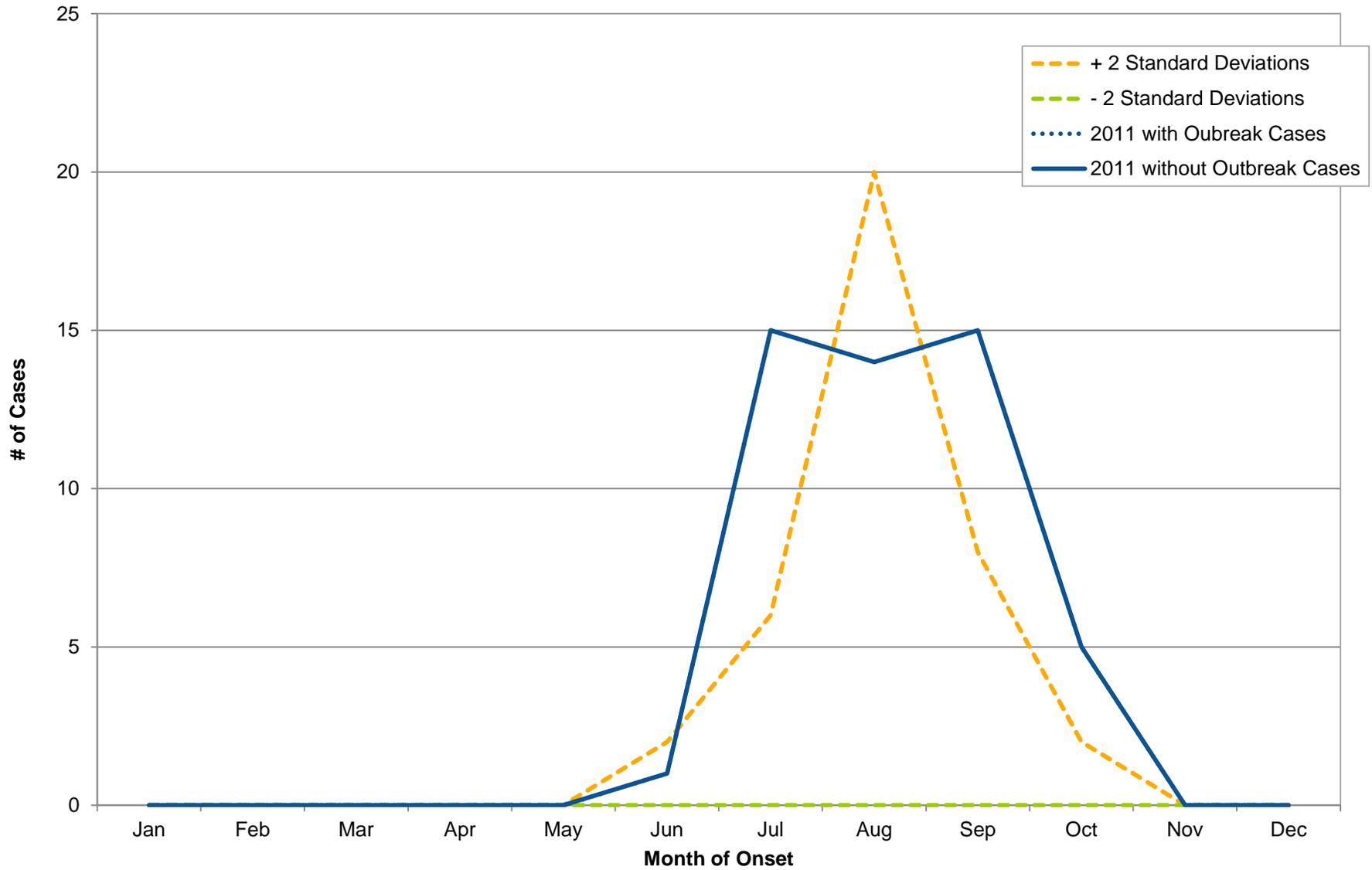
Haemophilus influenzae, Invasive Disease



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

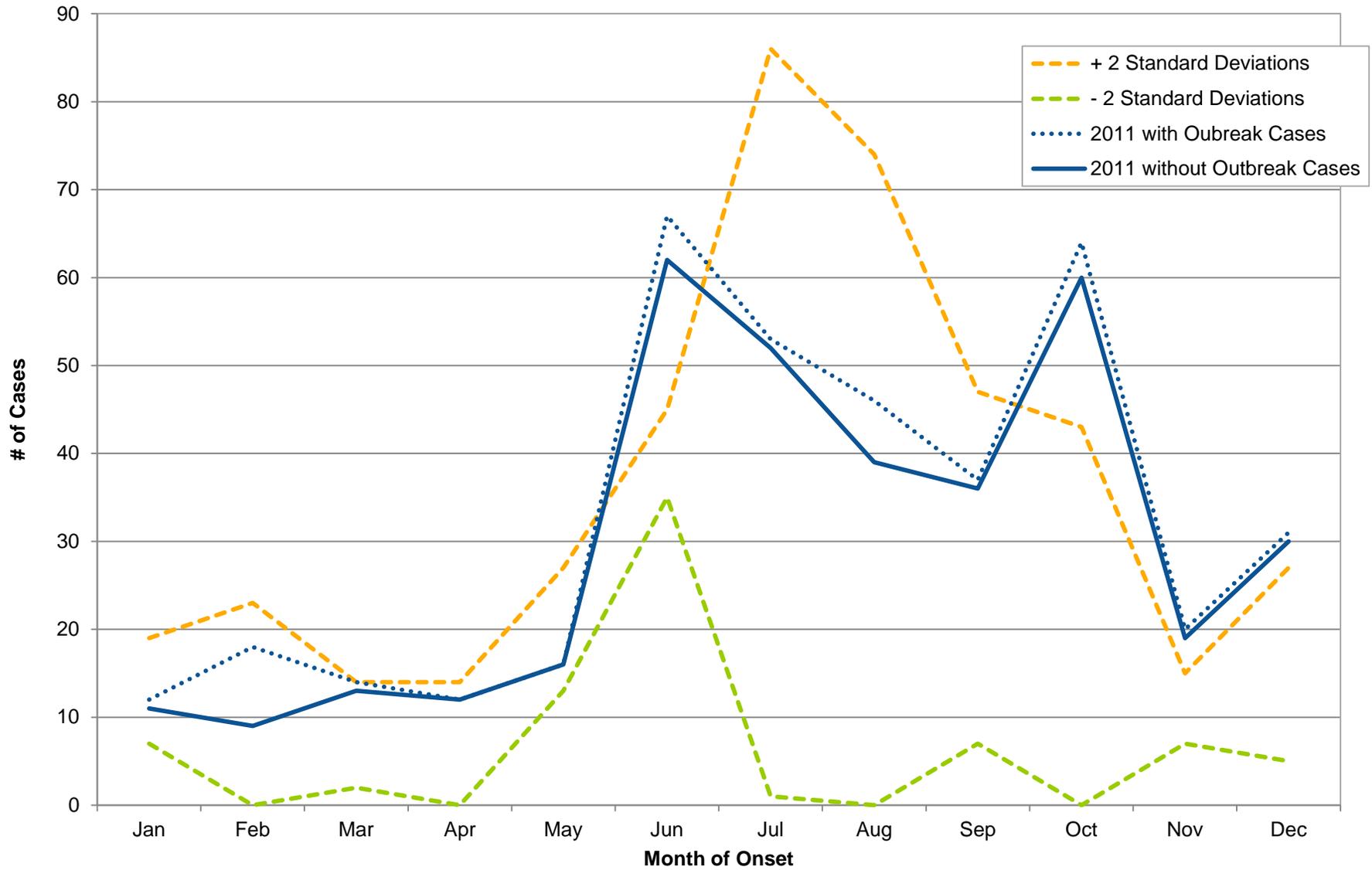
INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011

LaCrosse Virus Disease



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

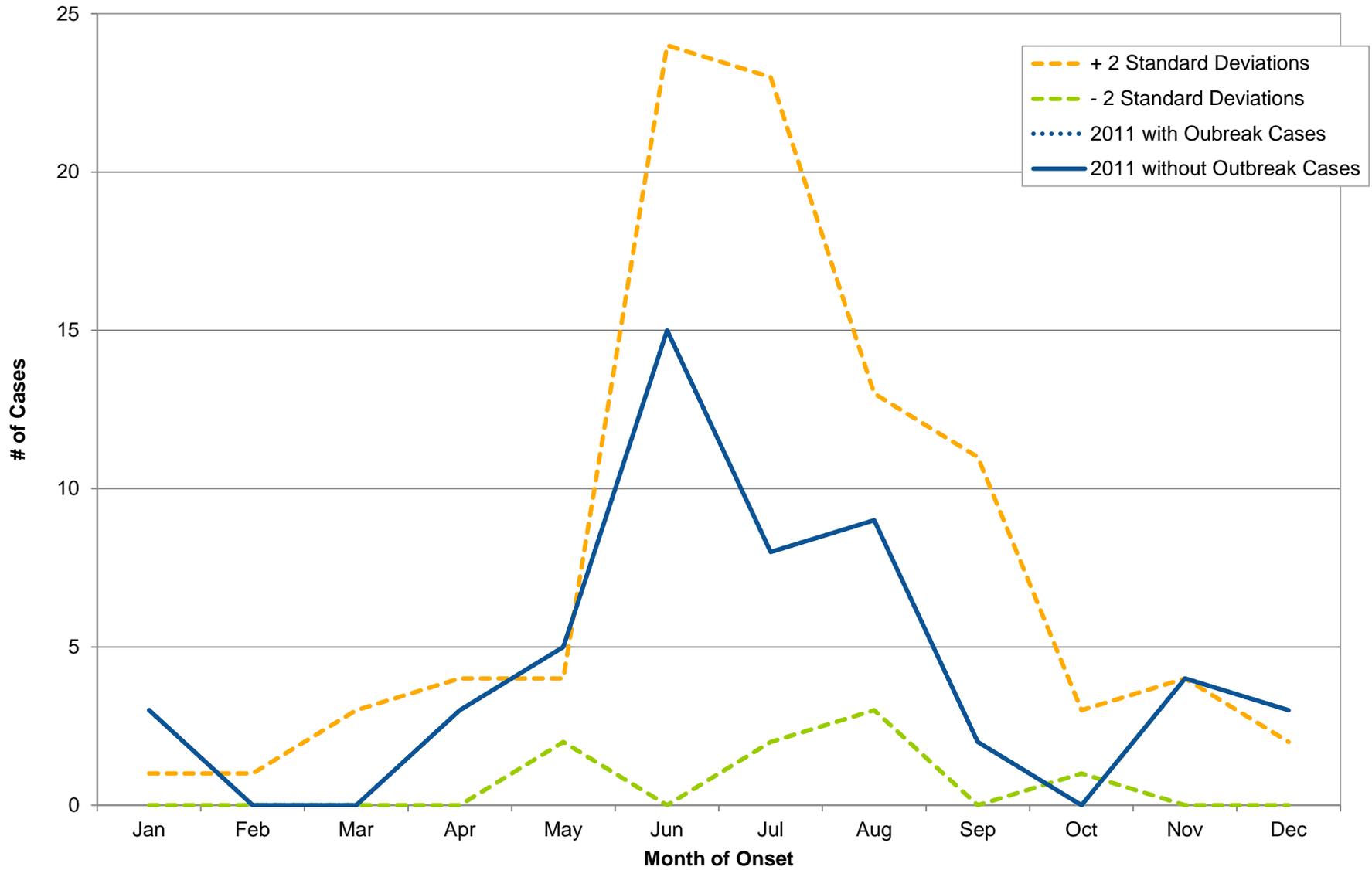
INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011 Legionellosis



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011

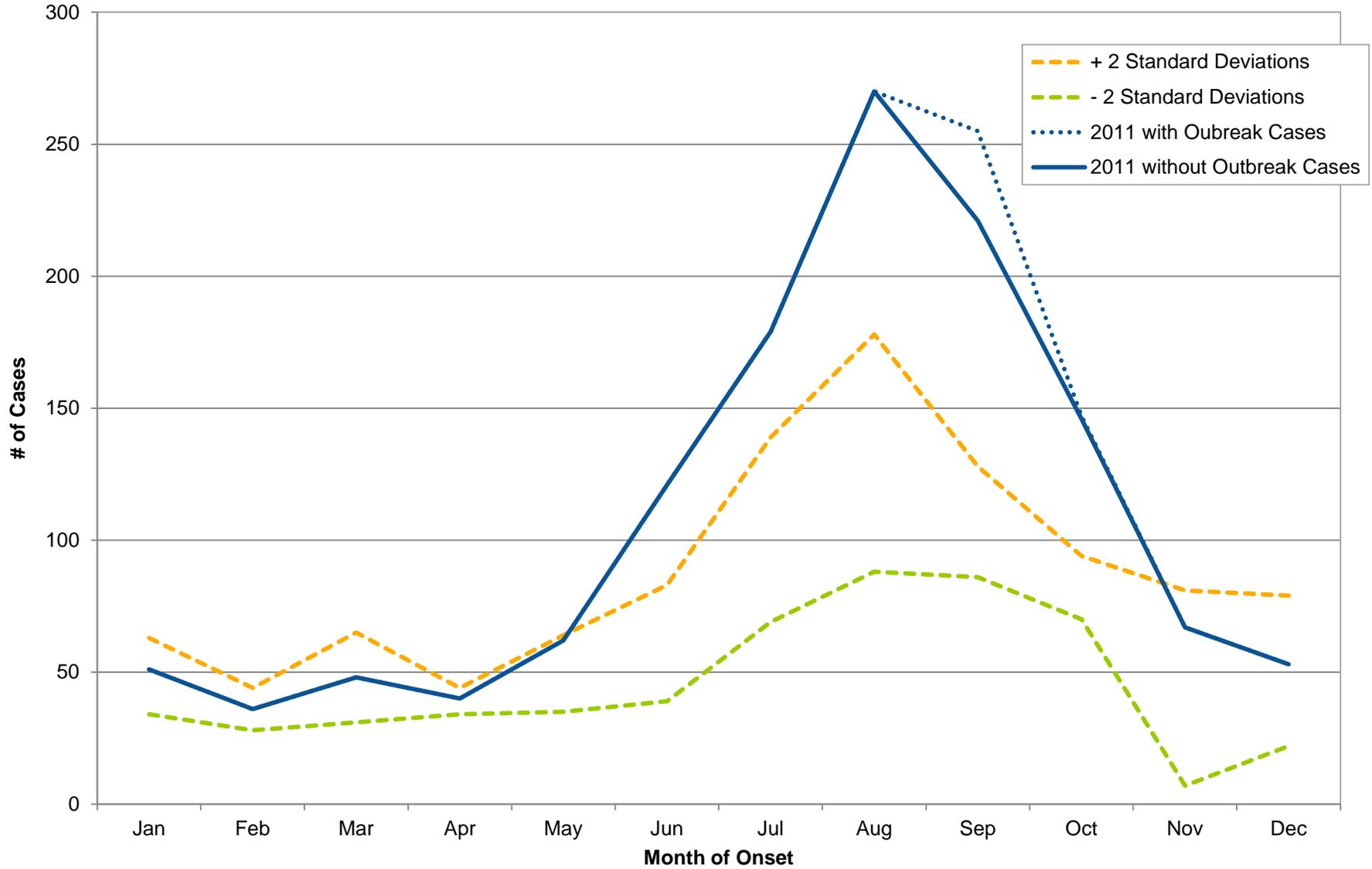
Lyme Disease



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

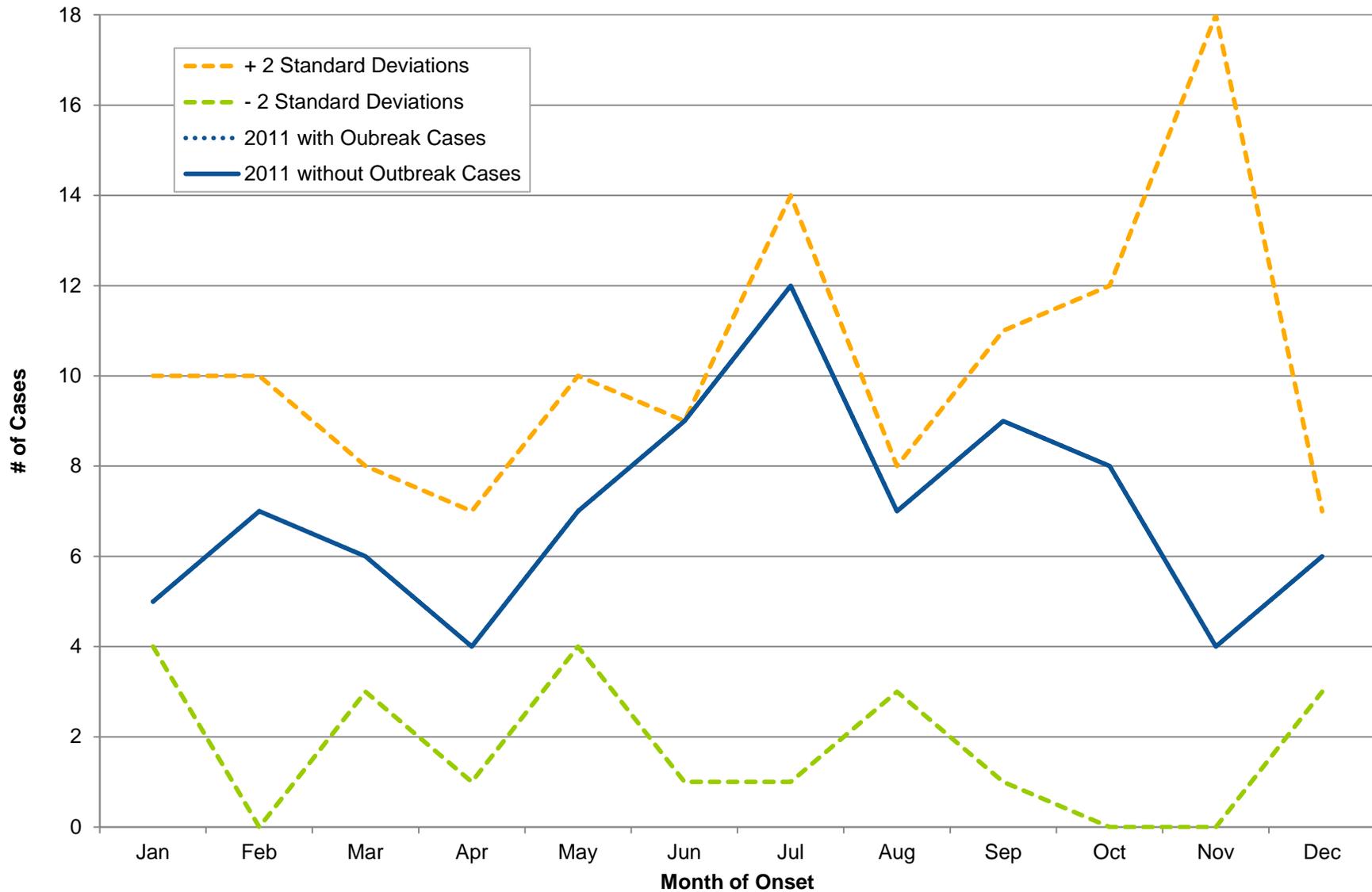
INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011

Meningitis, Aseptic



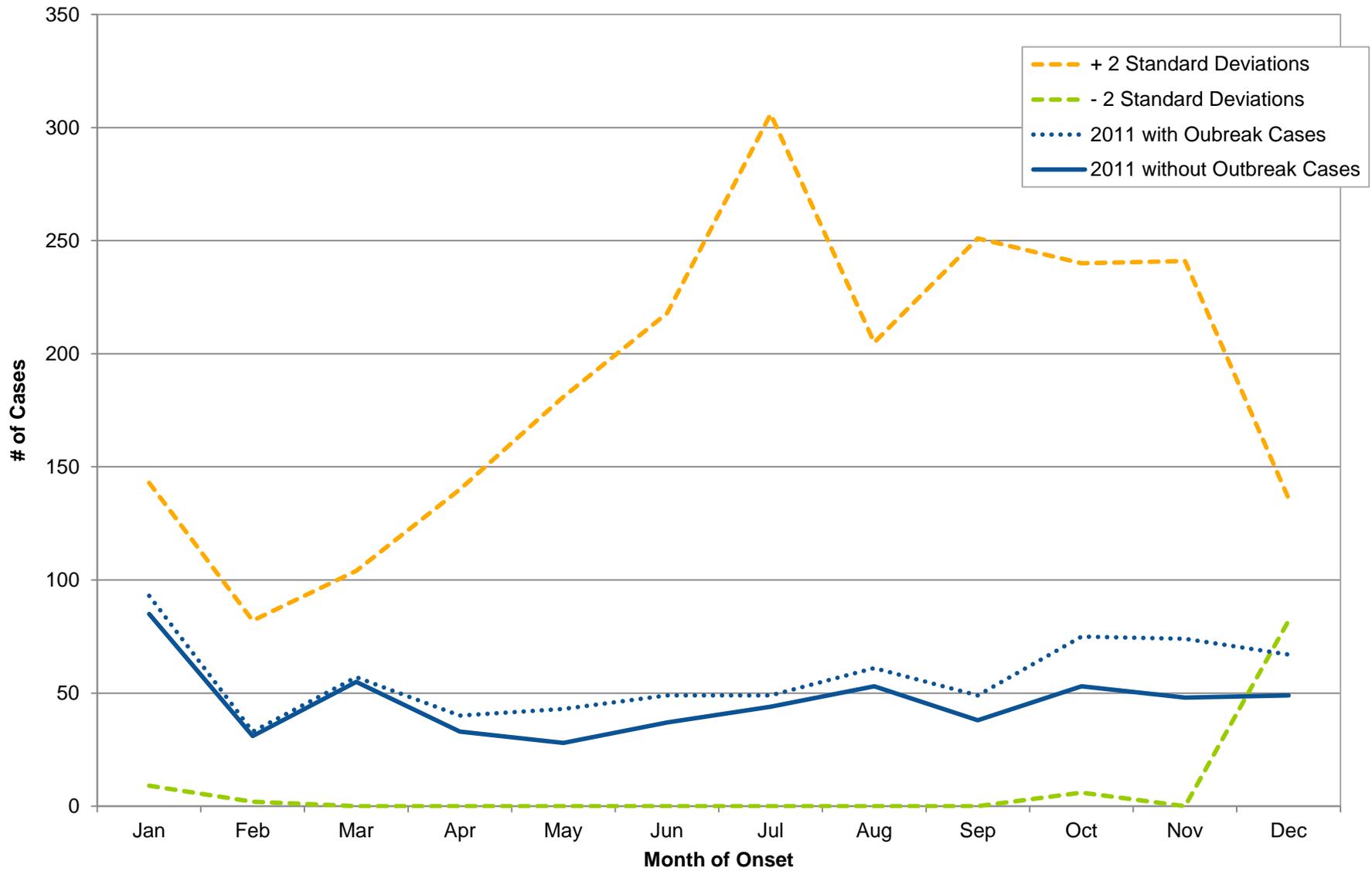
Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011 Meningitis, Other Bacterial



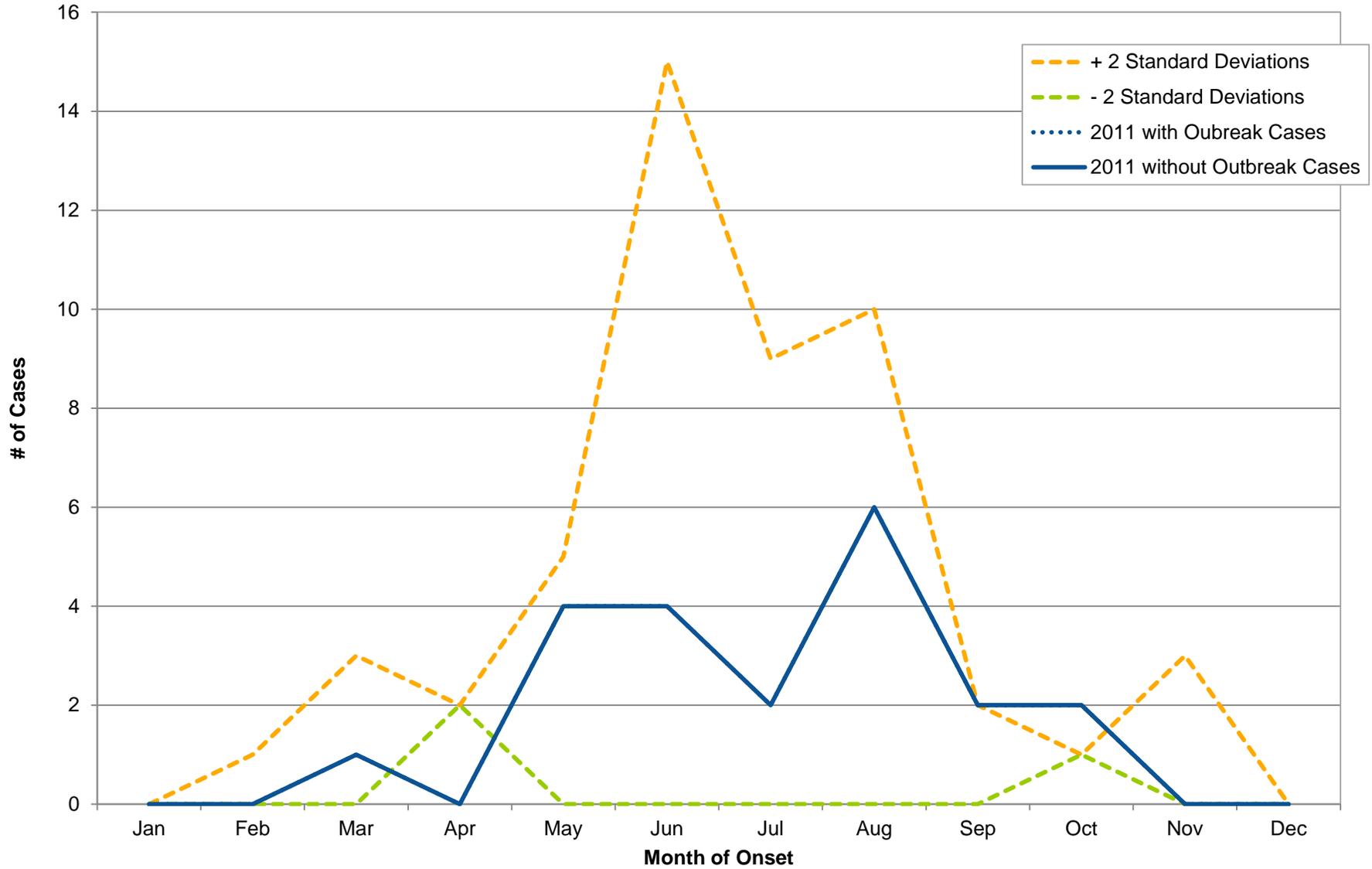
Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011 Pertussis



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

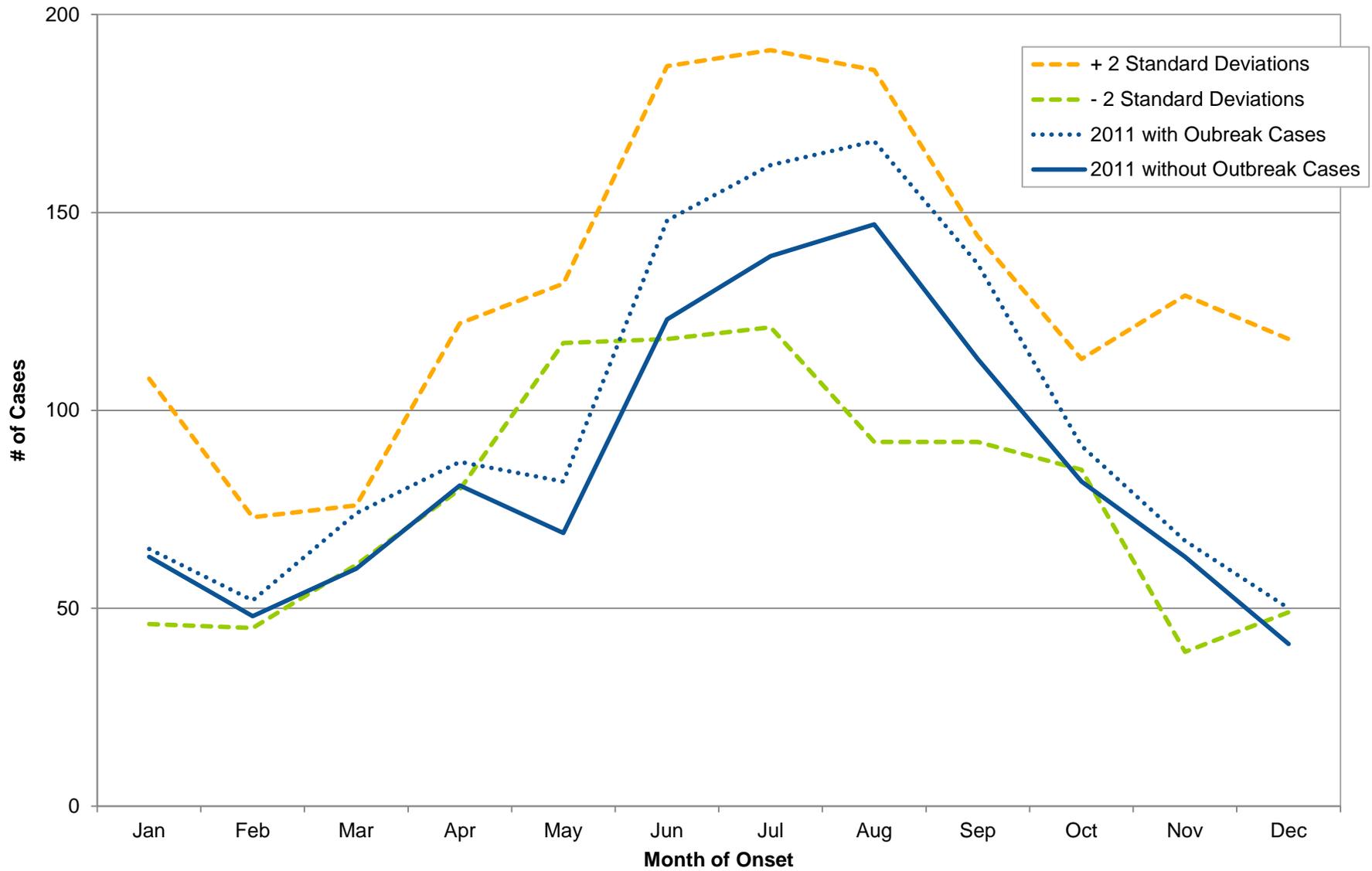
INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011 Rocky Mountain Spotted Fever (RMSF)



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011

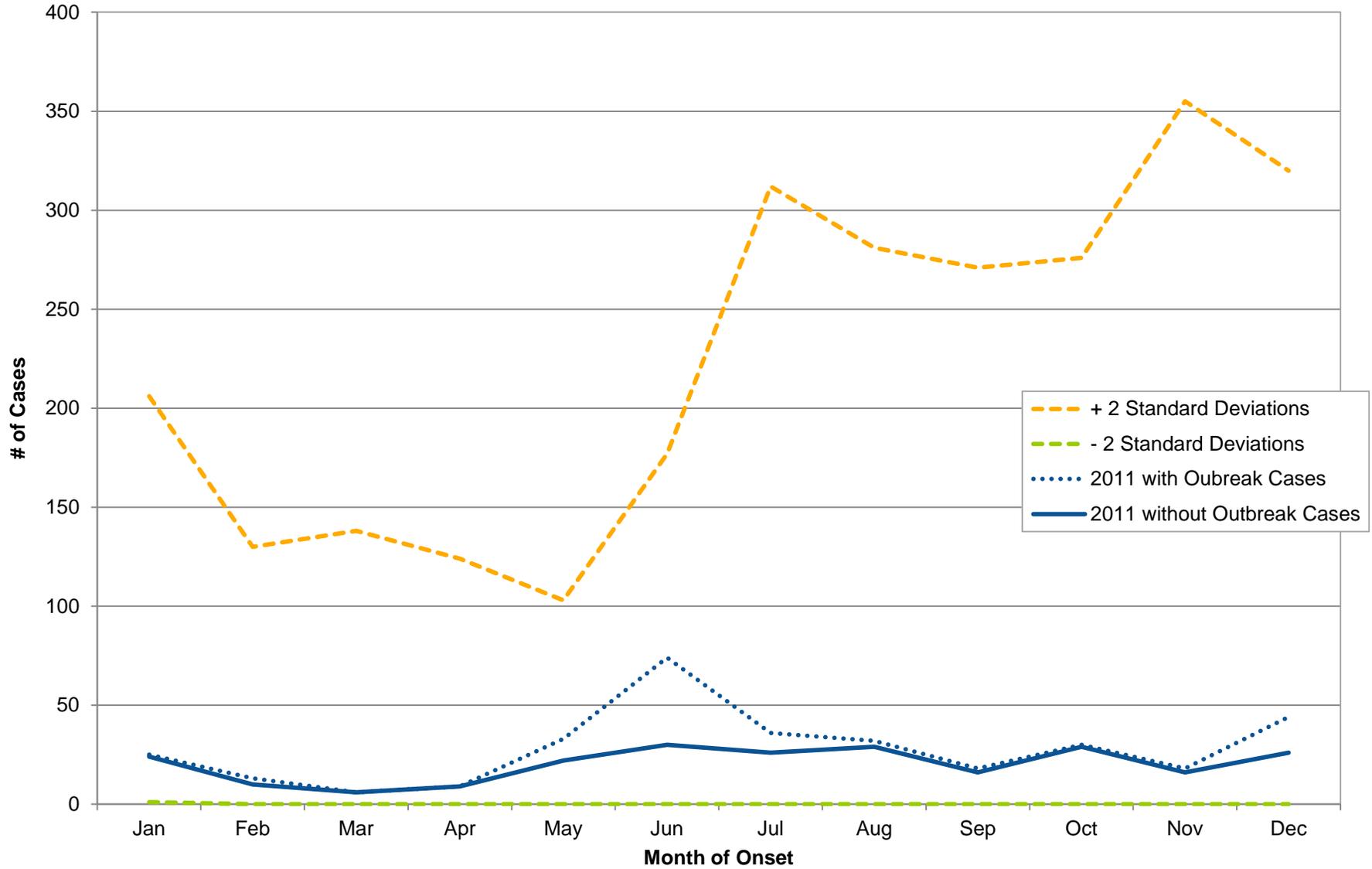
Salmonellosis



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

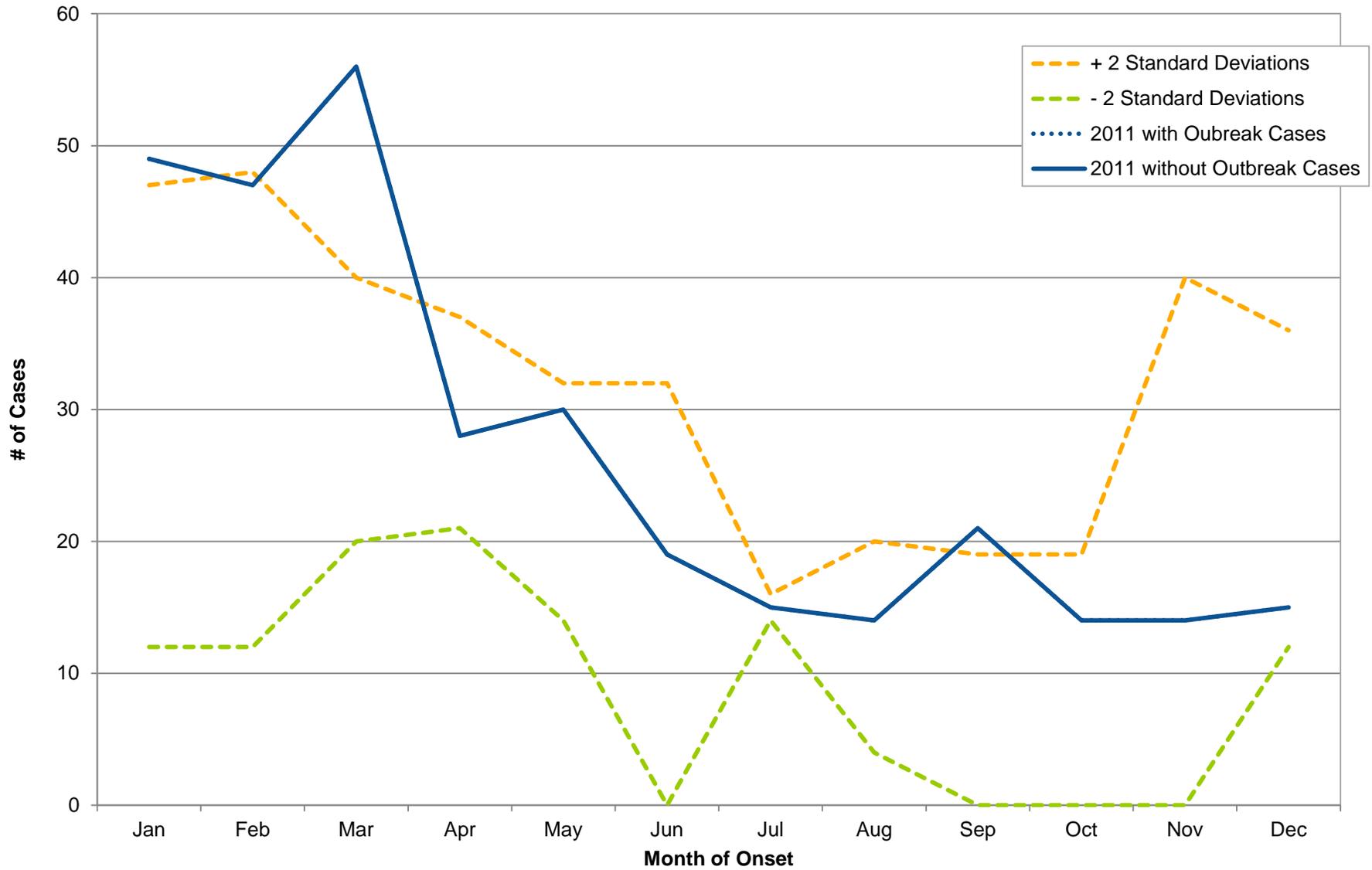
INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011

Shigellosis



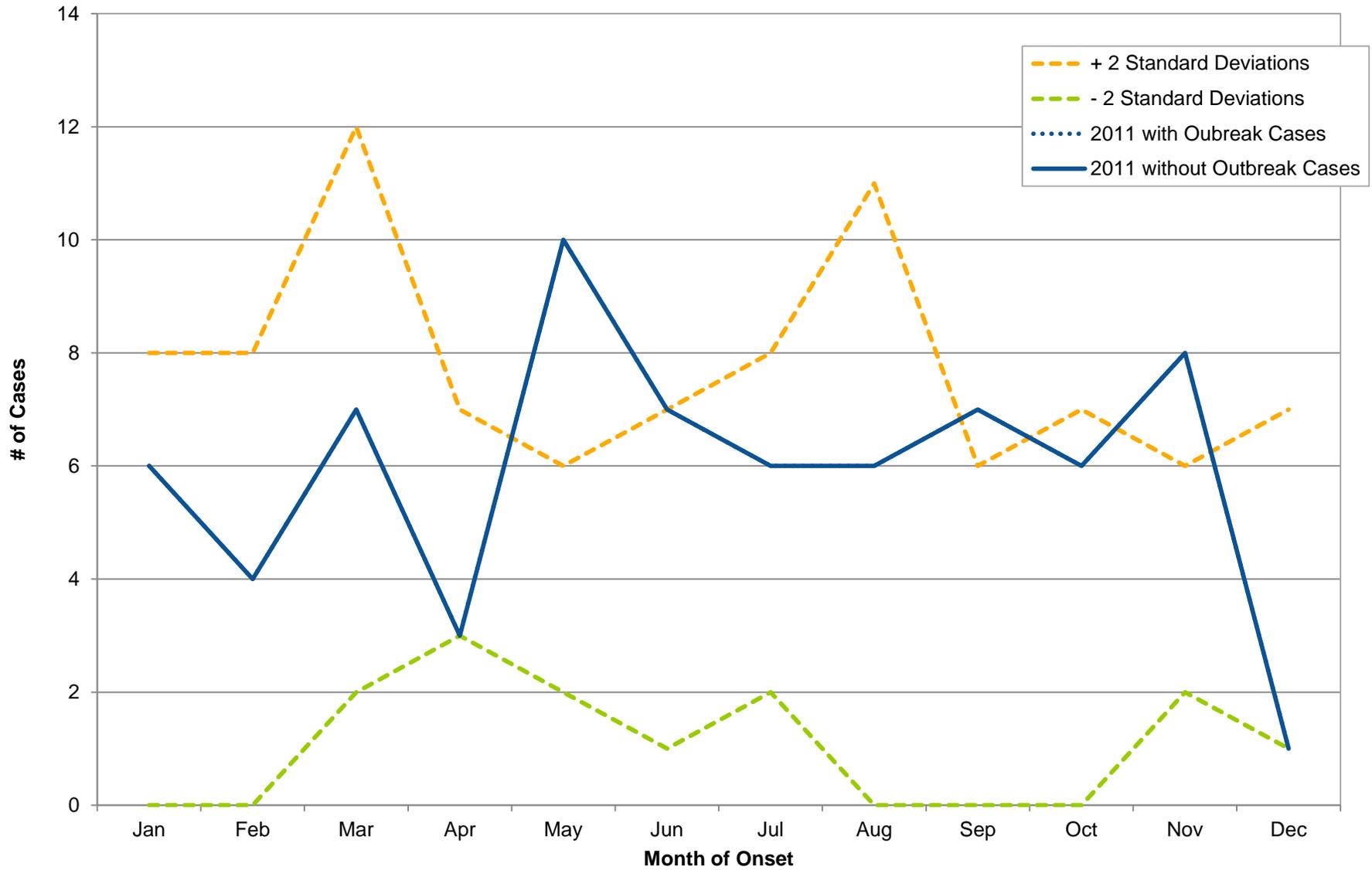
Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011 Streptococcal Disease, Group A, Invasive



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

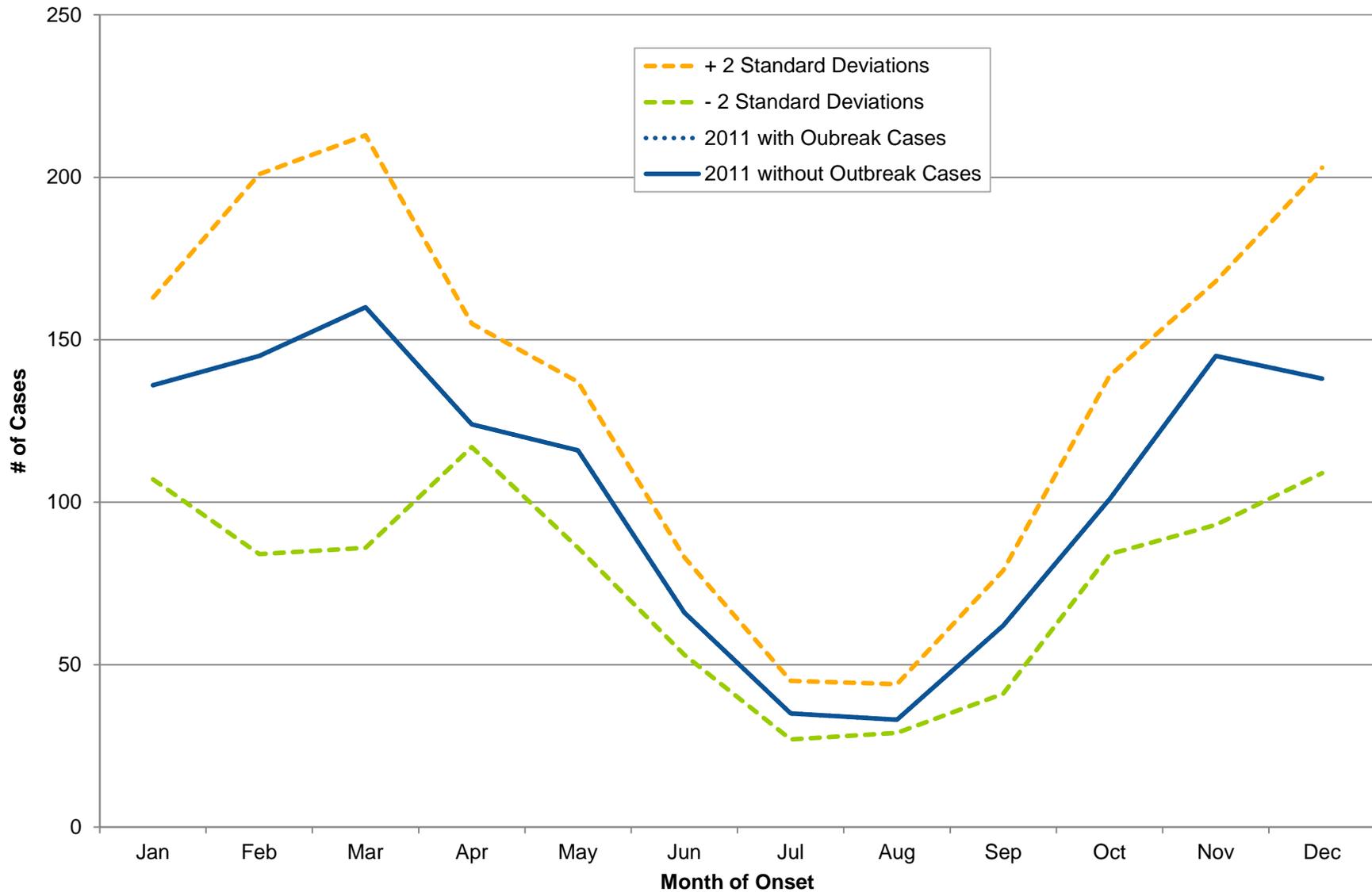
INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011 Streptococcal Disease, Group B, in Newborn



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

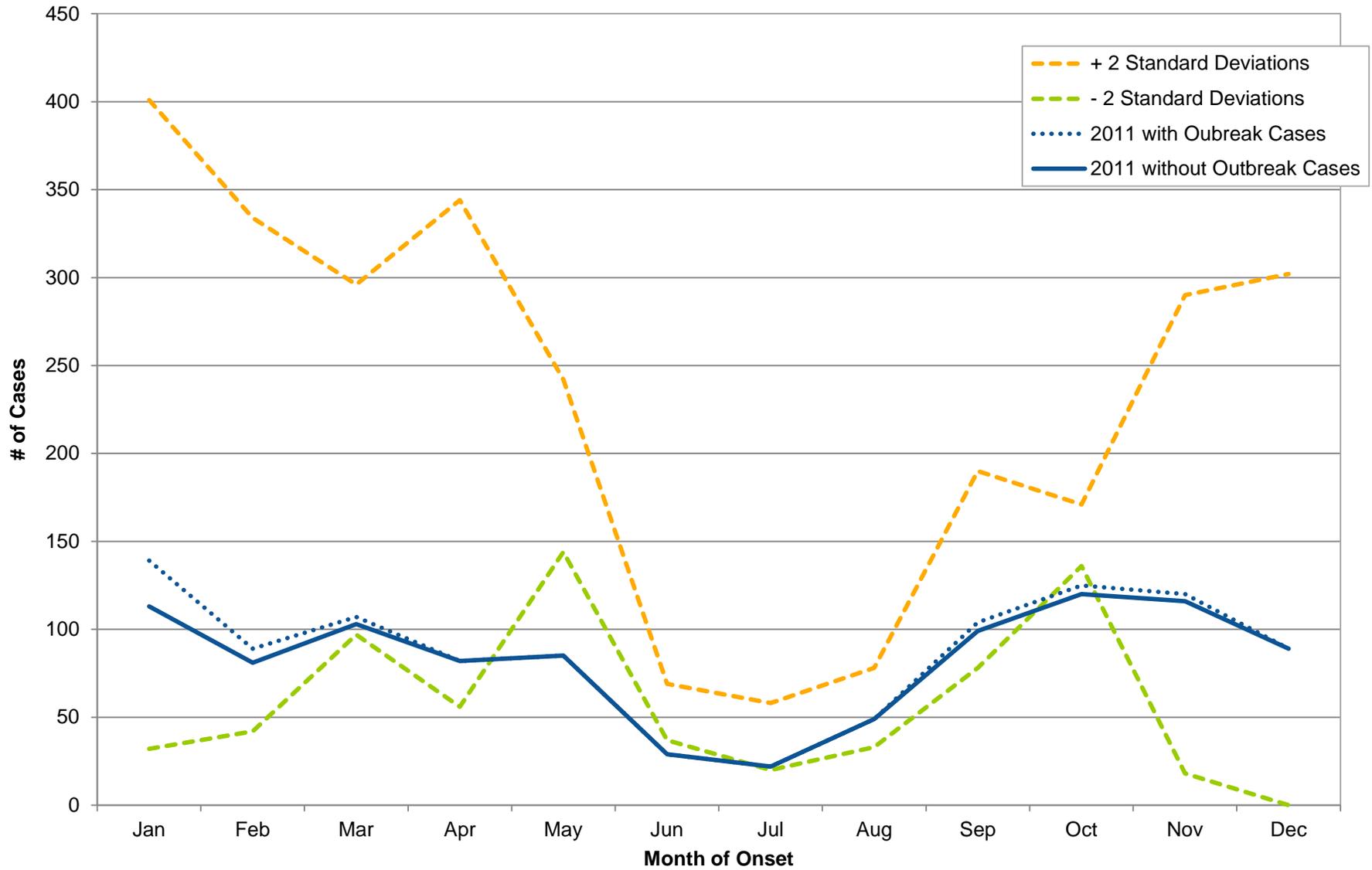
INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011

Streptococcus pneumoniae, Invasive Disease



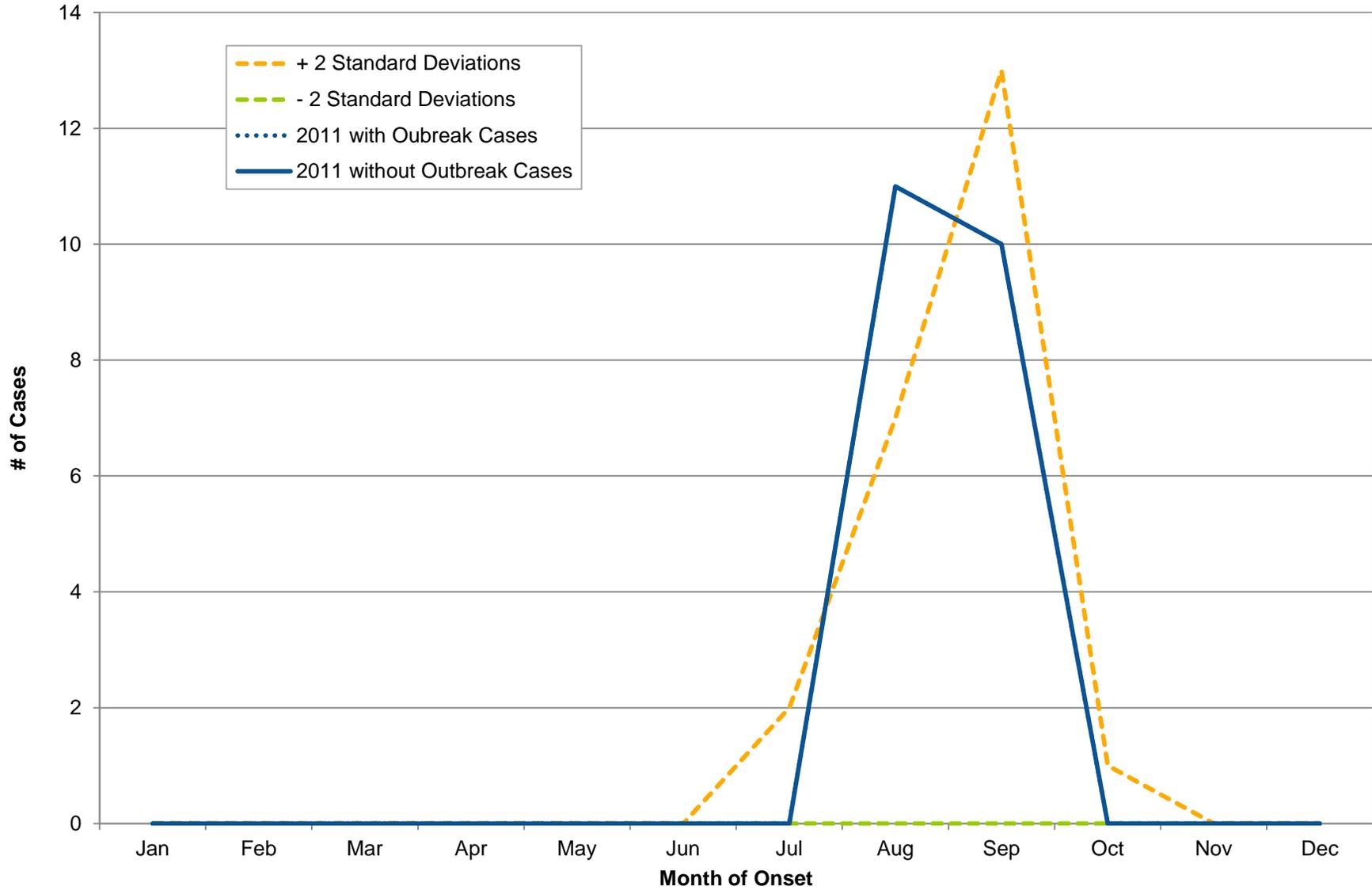
Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.

INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011 Varicella



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
 Source of disease data: Ohio Disease Reporting System.

INCIDENCE TRENDS BY MONTH OF ONSET, OHIO, 2011 West Nile Virus Infection



Baseline trends are 2 standard deviations of mean counts from 2008-2010.
Source of disease data: Ohio Disease Reporting System.