



Vaccine Preventable Diseases in Dane County & Beyond

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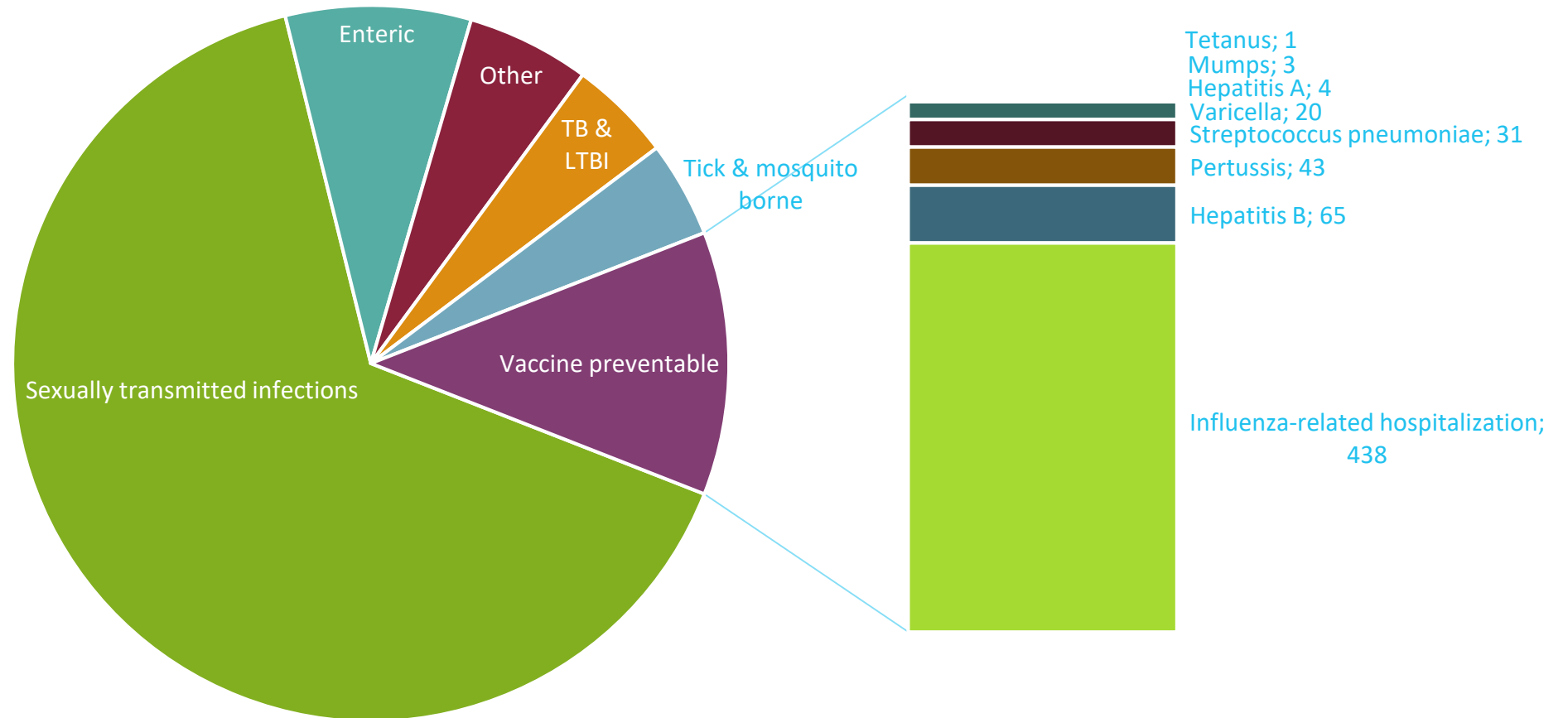
Epidemiologist



Healthy people. Healthy places.

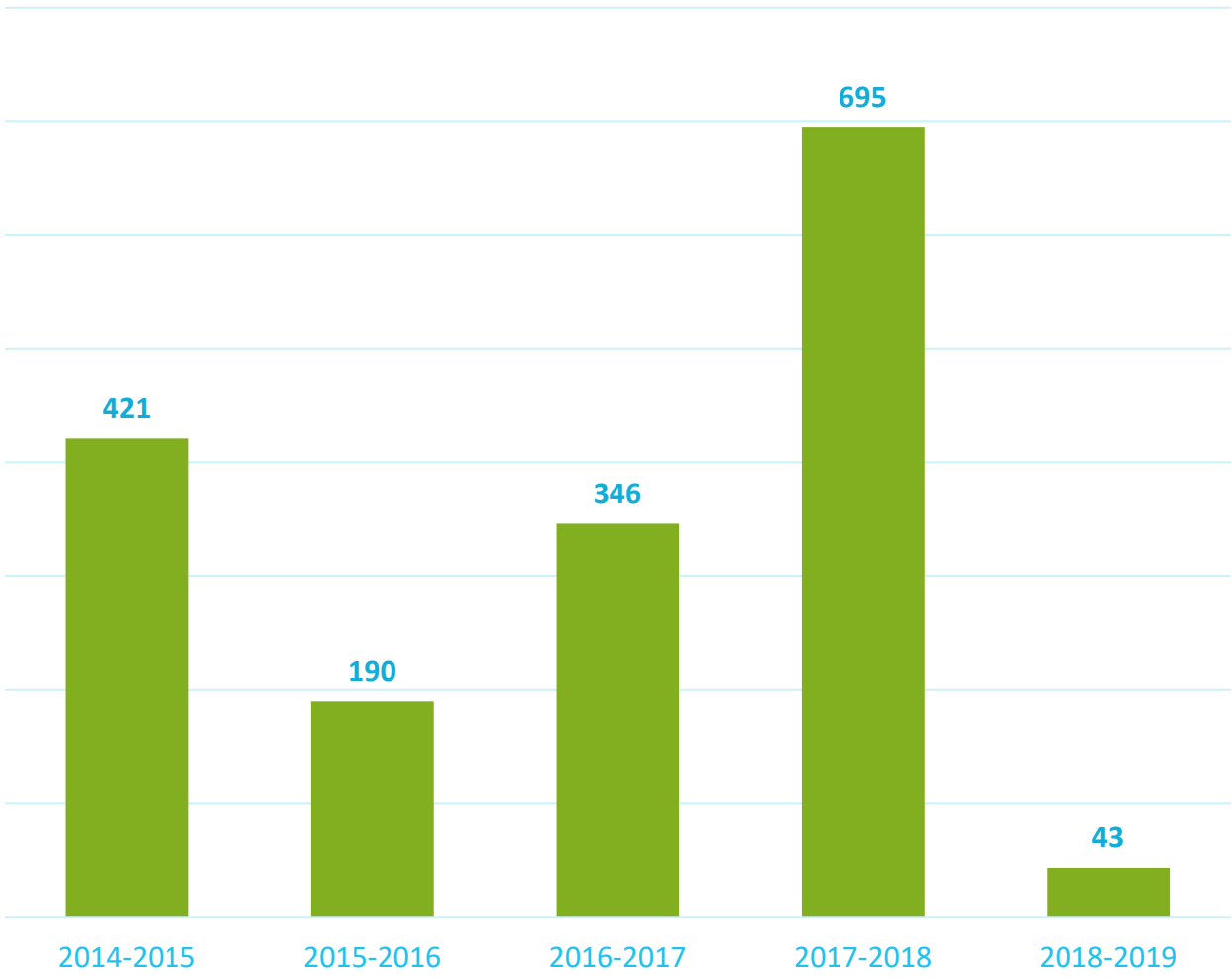
Influenza-related hospitalization is the most commonly reported vaccine preventable disease in Dane County

2017

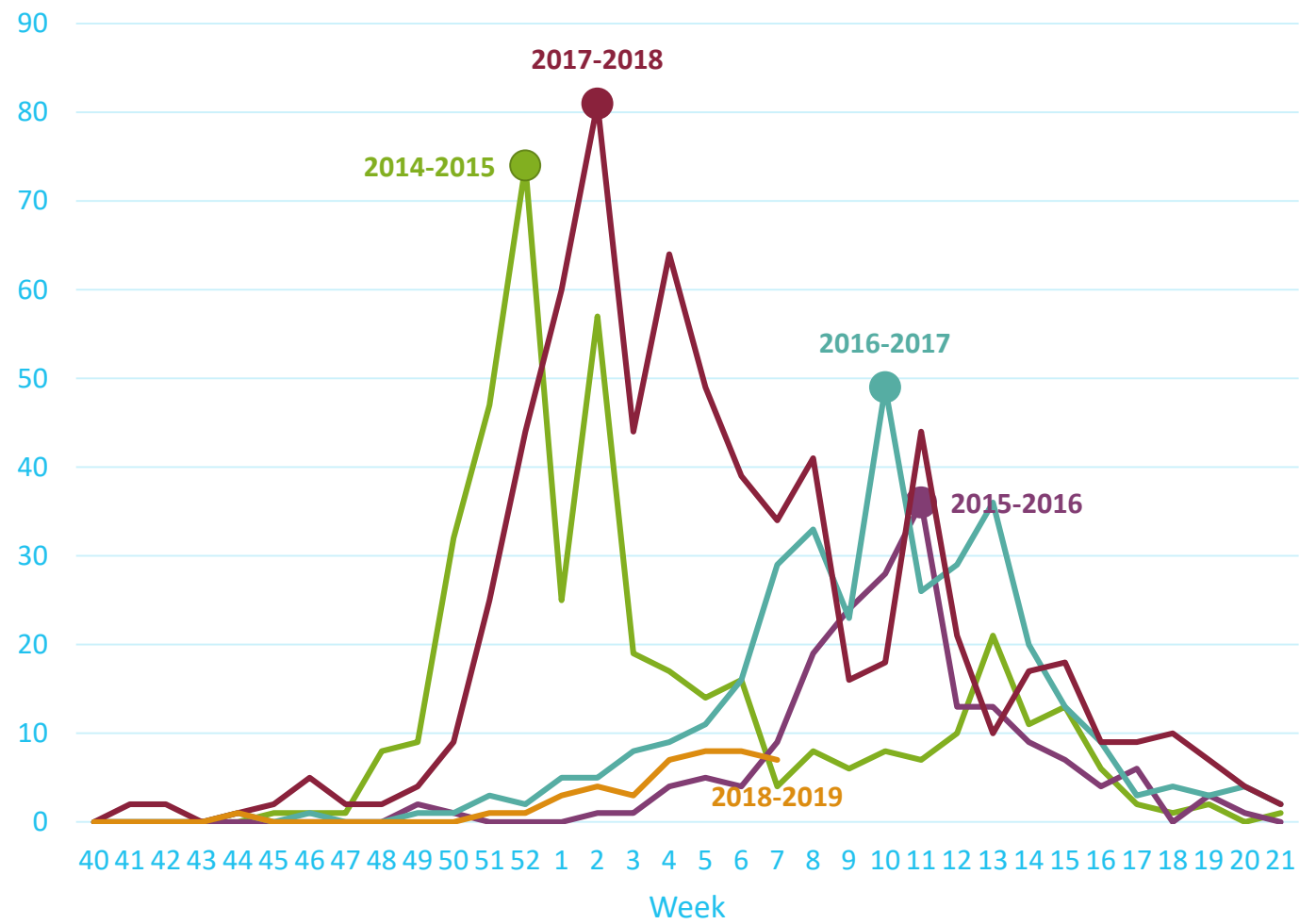


Influenza-Related Hospitalizations

The number of influenza-related hospitalizations in Dane County varies greatly from season to season

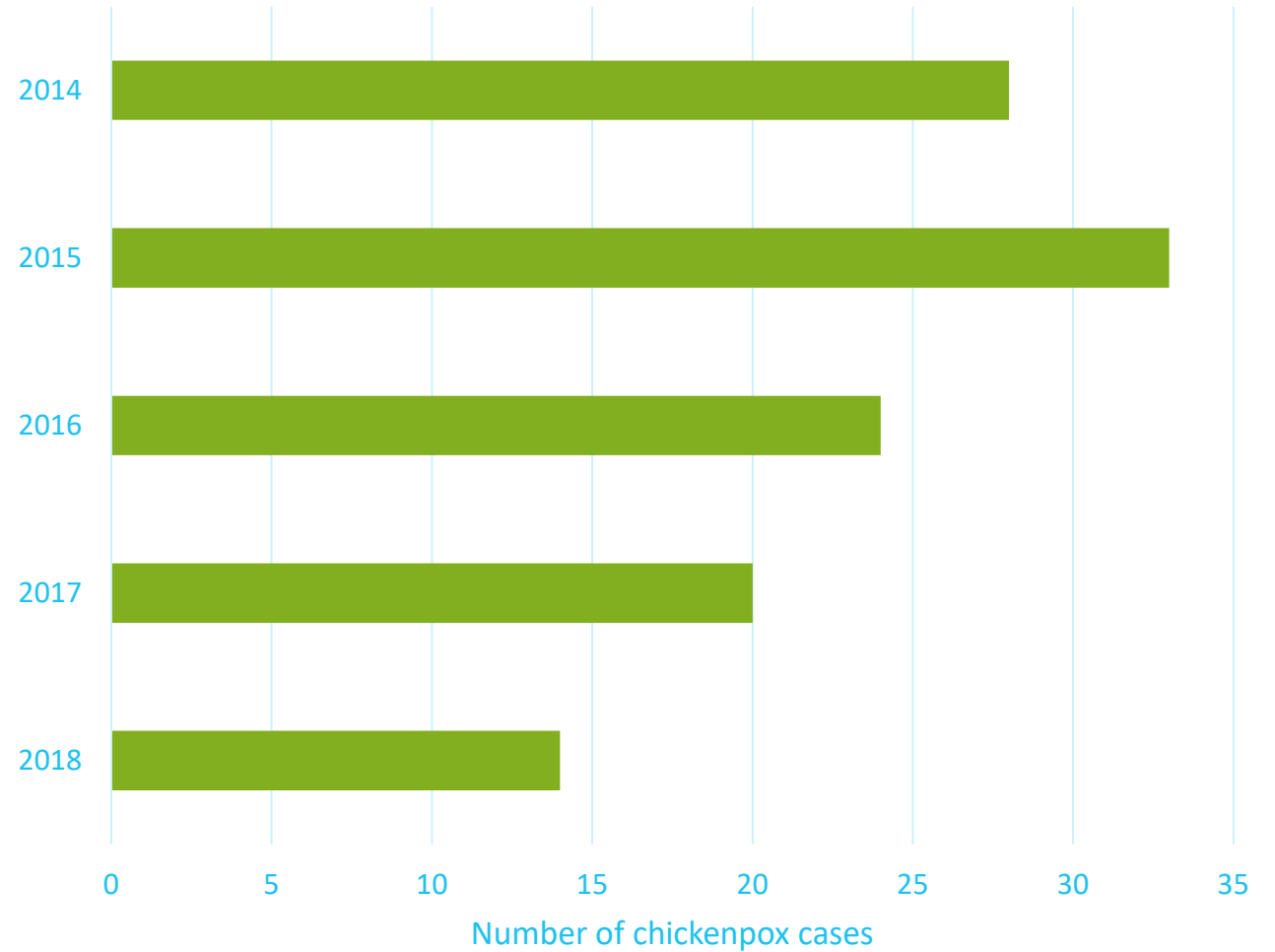


Influenza-related hospitalizations in Dane County have peaked from December to March

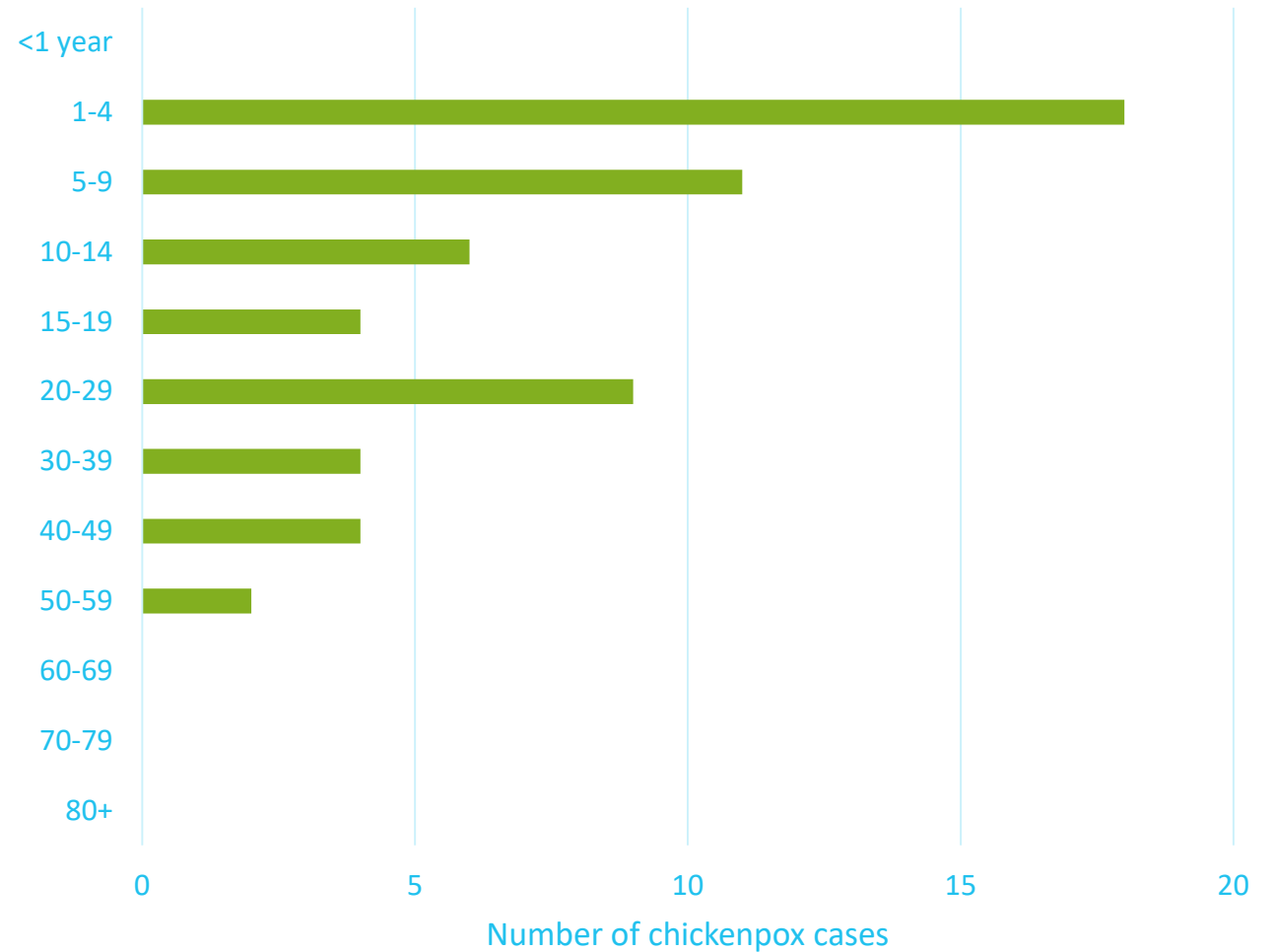


Chickenpox

The number of chickenpox cases has been decreasing

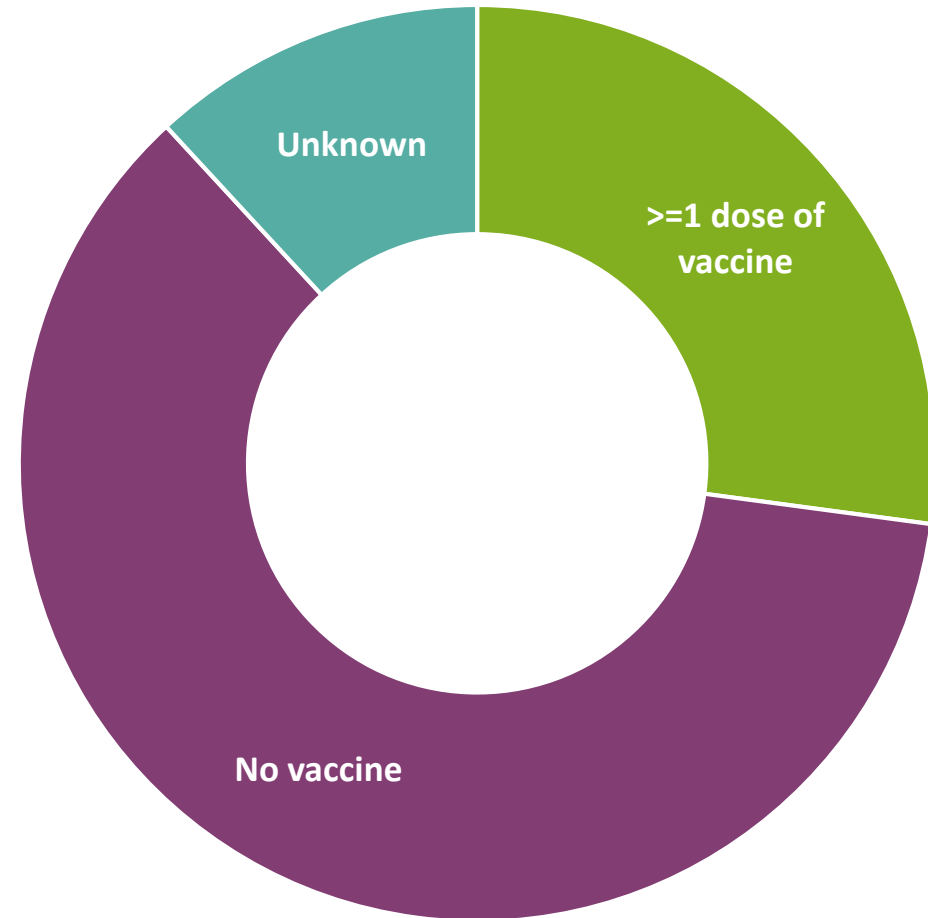


Chickenpox is most common in children younger than 5 in Dane County



2016-2018

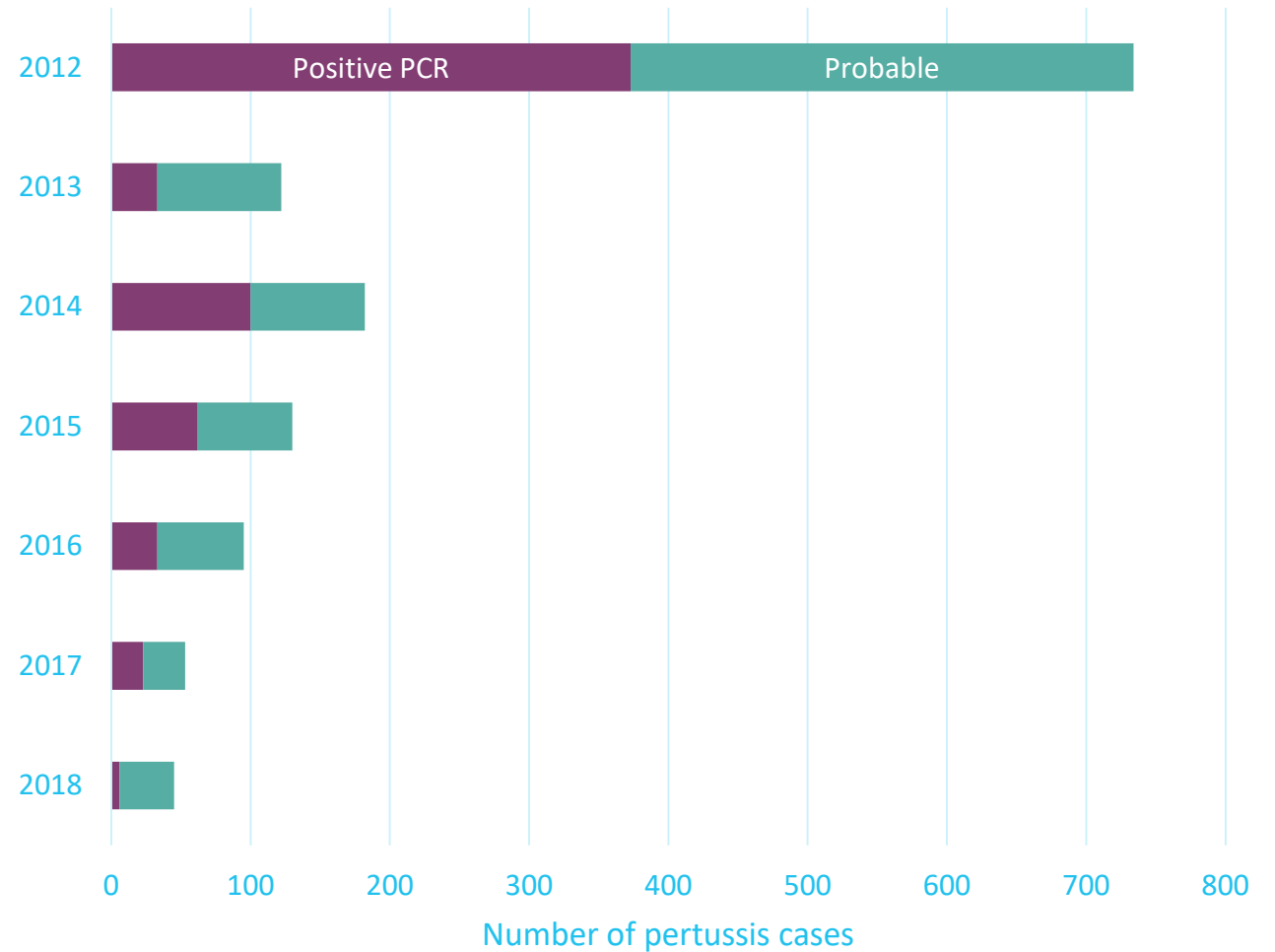
Most people with chickenpox had not received varicella vaccine



Pertussis

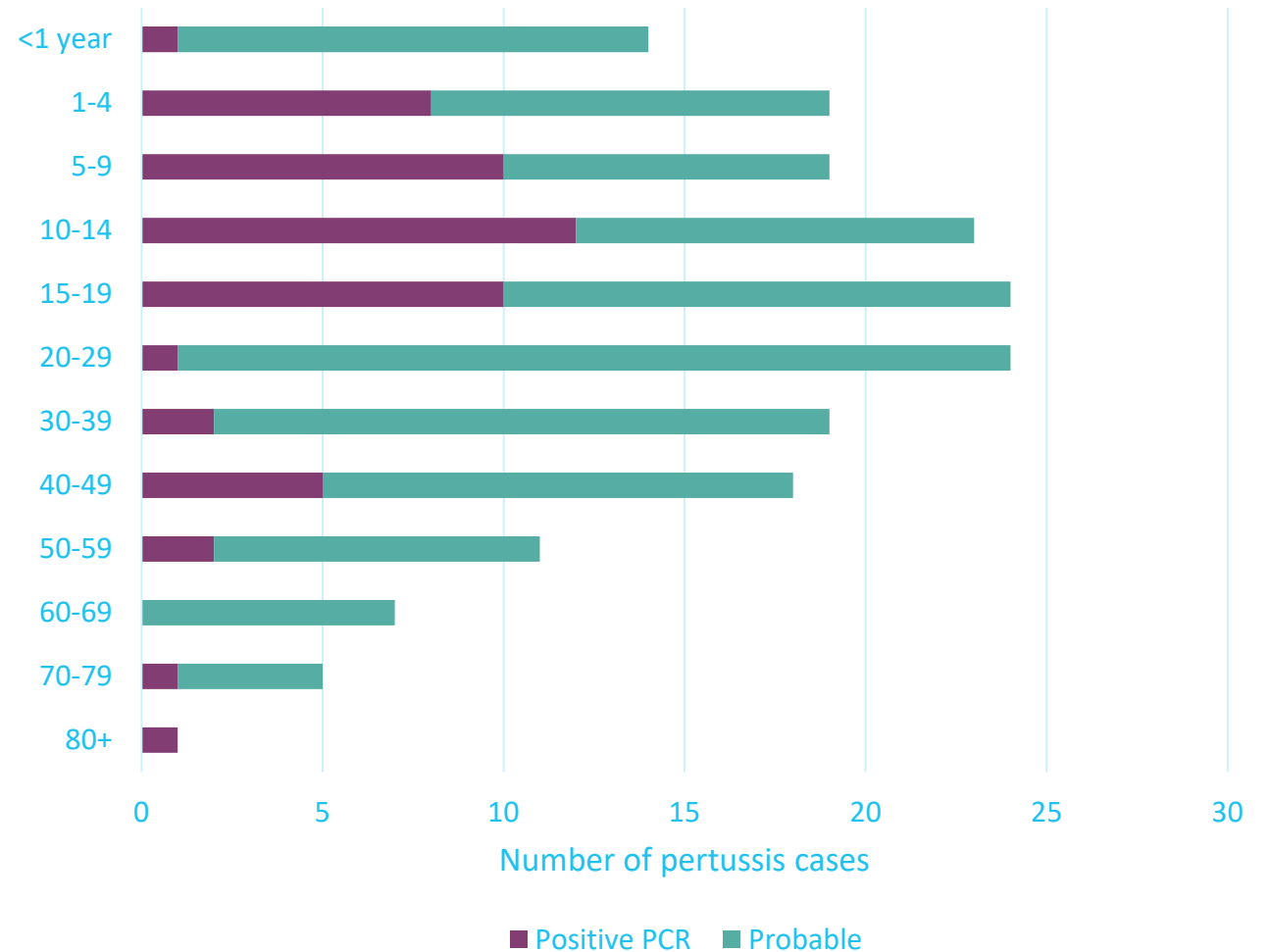
The number of pertussis cases in Dane County has been decreasing

Less than half of pertussis cases have a positive lab test



Pertussis is most common in children in Dane County

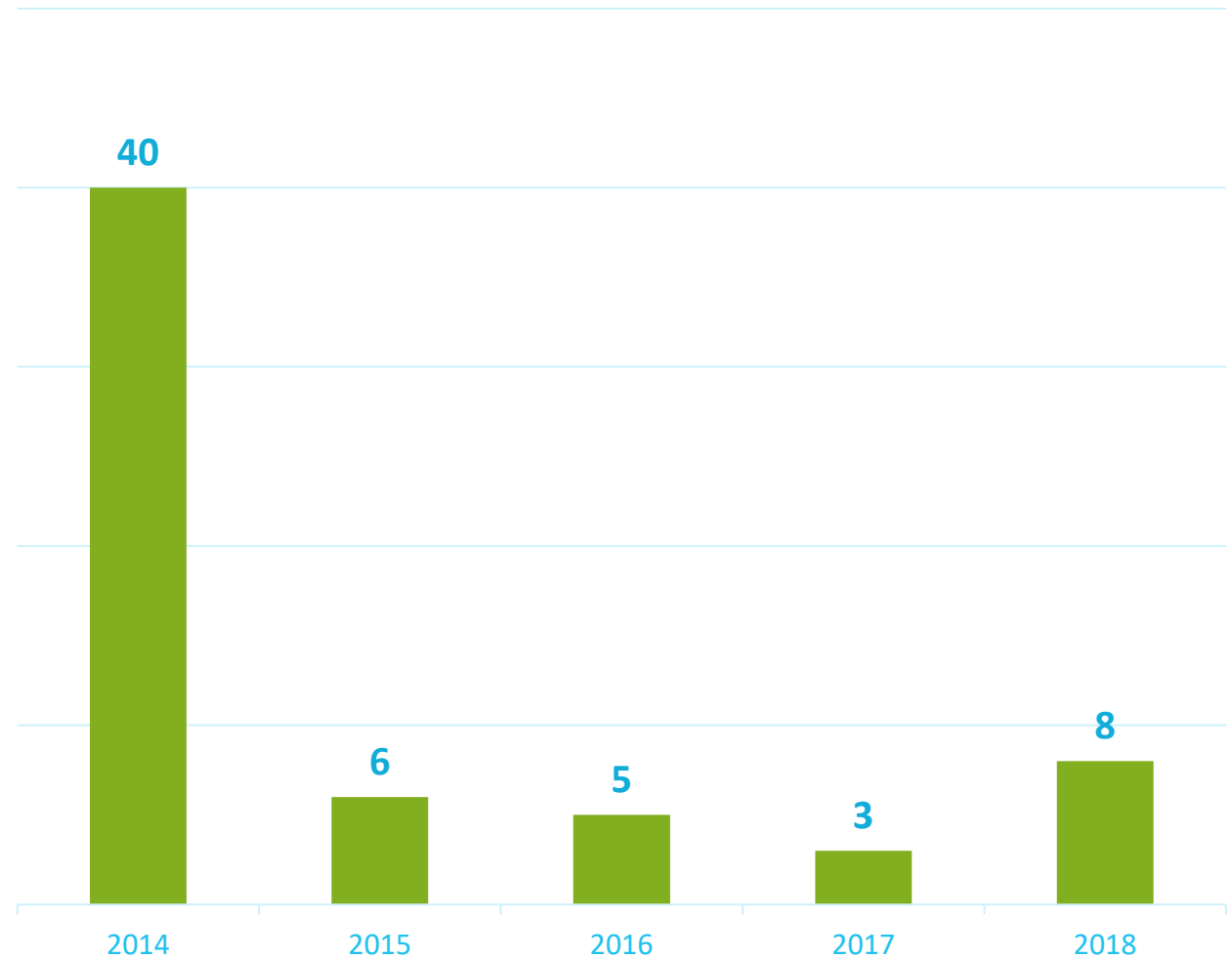
Positive PCR tests become less common after age 19



Mumps

A few mumps cases are reported in Dane County each year

- Outbreak at UW in 2014
- Small cluster among young adults in 2018

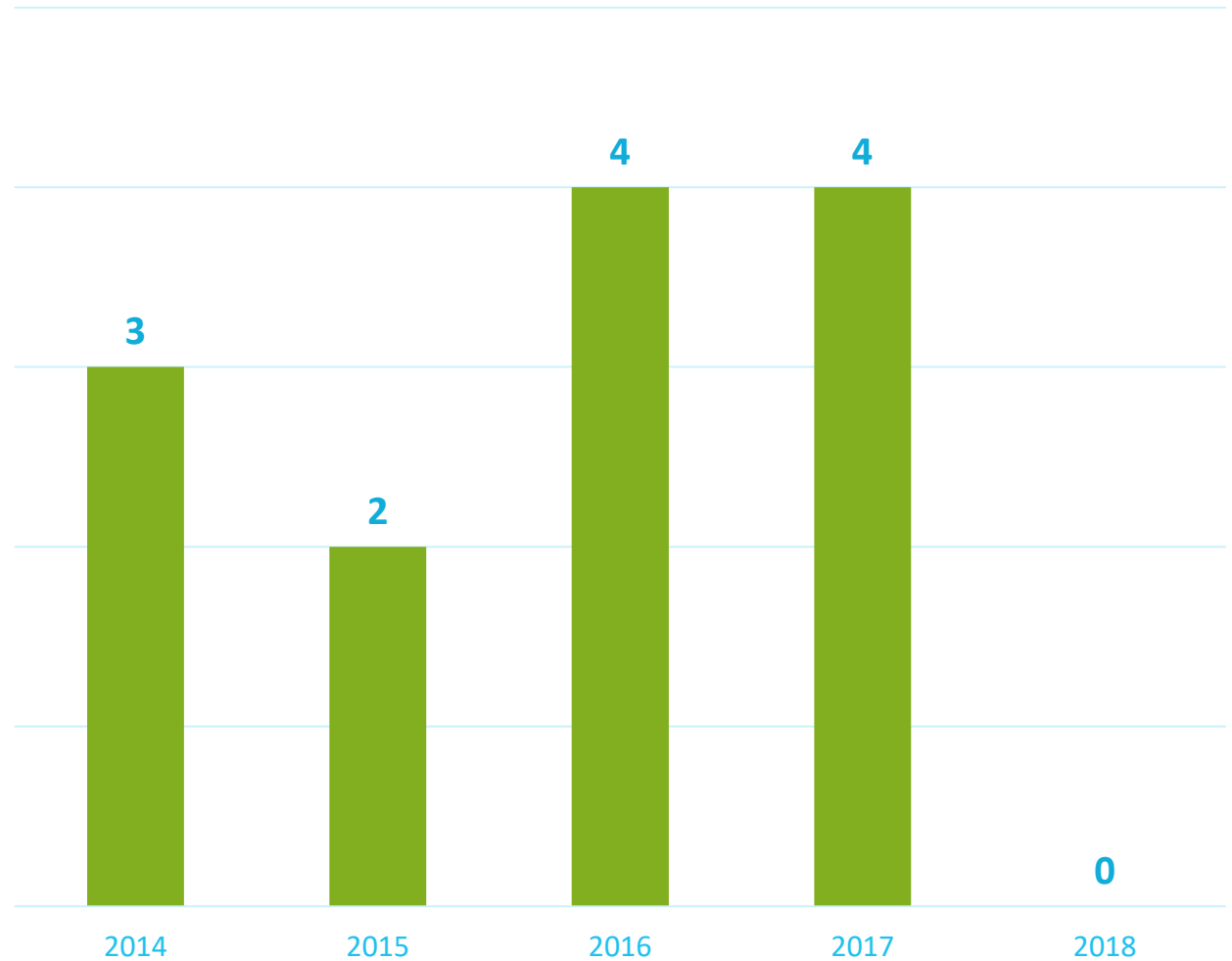


Hepatitis A

Hepatitis A is uncommon in Dane County

Local cases have been associated with:

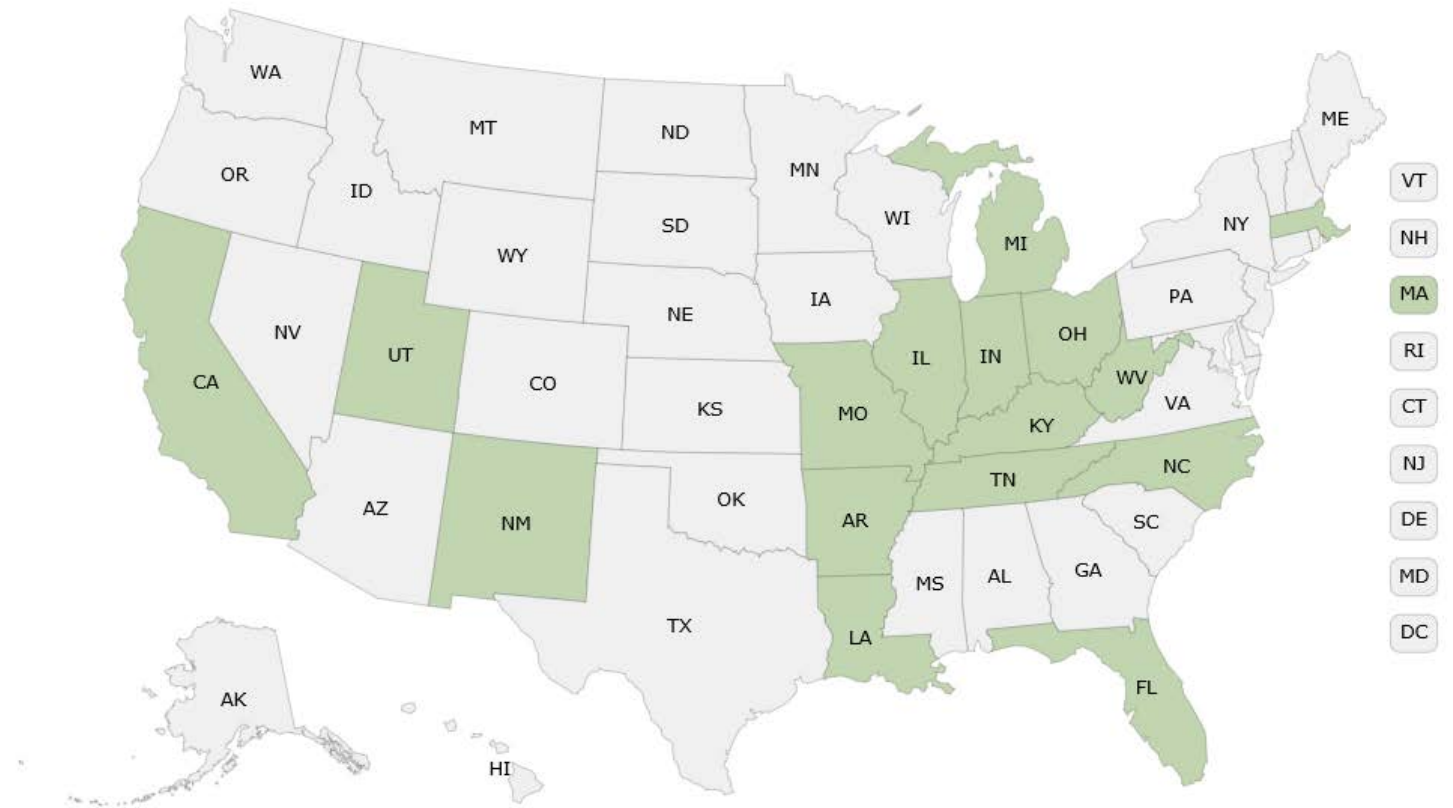
- Foreign travel
- Contaminated food
- Contact with a known case



Sixteen states have experienced hepatitis A outbreaks since 2017

Cases primarily associated with:

- Injection & non-injection drug use
- Homelessness
- Close contacts of cases



Source: CDC

Hepatitis A vaccine recommendations

NEW

All persons 1 year and older experiencing homelessness

Hepatitis A vaccine recommendations

- *NEW* All persons 1 year and older experiencing homelessness
- All children at age 1 year
- Travelers to countries where hepatitis A is common
- Family & caregivers of adoptees from countries where hepatitis A is common
- Men who have sex with men
- User of injection & non-injection drugs
- Person with chronic liver disease (including those with hepatitis B and/or C infections)
- Persons with clotting-factor disorders
- Persons who work with hepatitis A virus-infected primates or with hepatitis A virus in a research laboratory setting
- Person with direct contact with others who have hepatitis A
- Any person wishing to obtain immunity

Measles

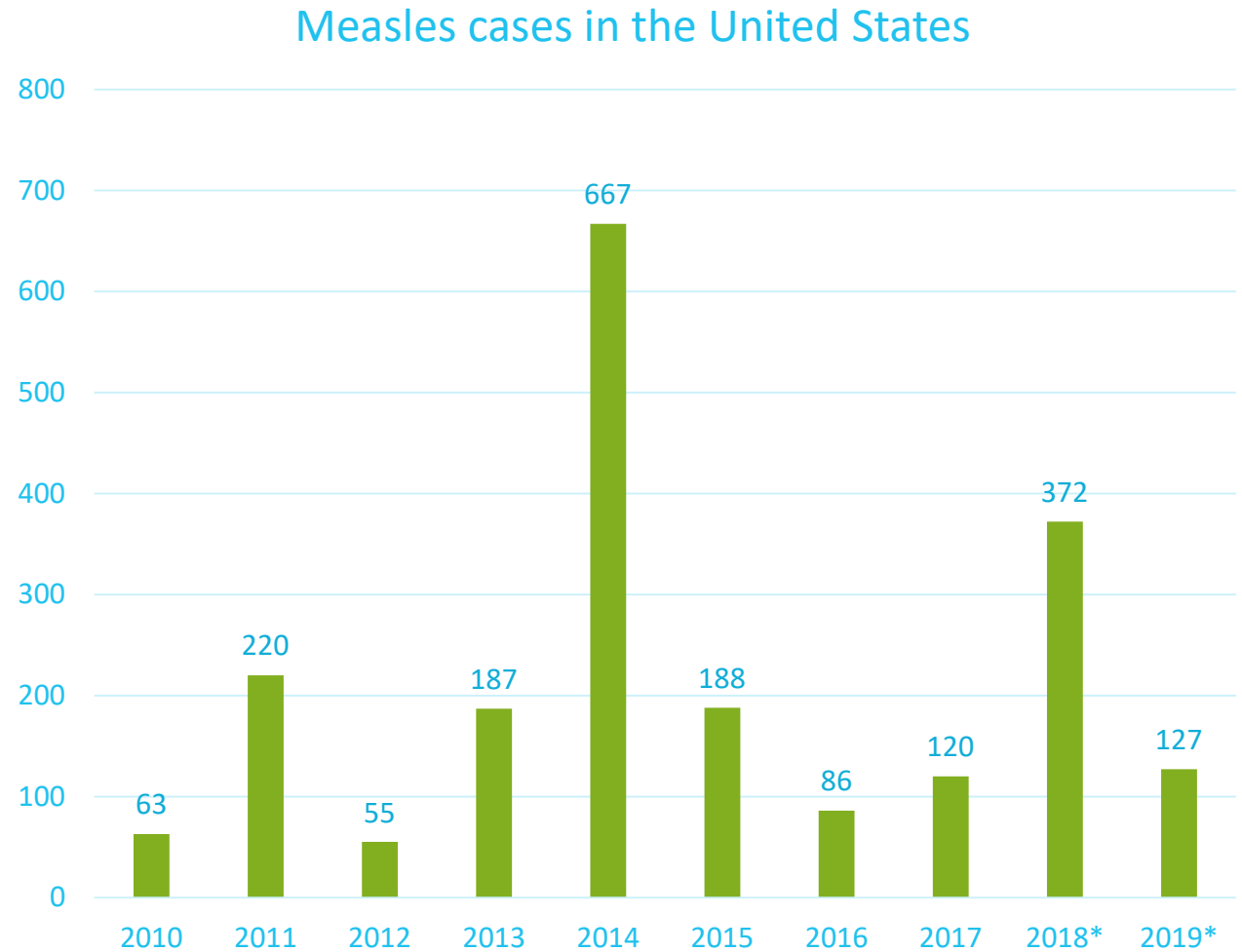
No measles cases in
Dane County since
2000



Ten states have reported measles cases in 2019

Outbreaks (3 or more cases) are occurring in:

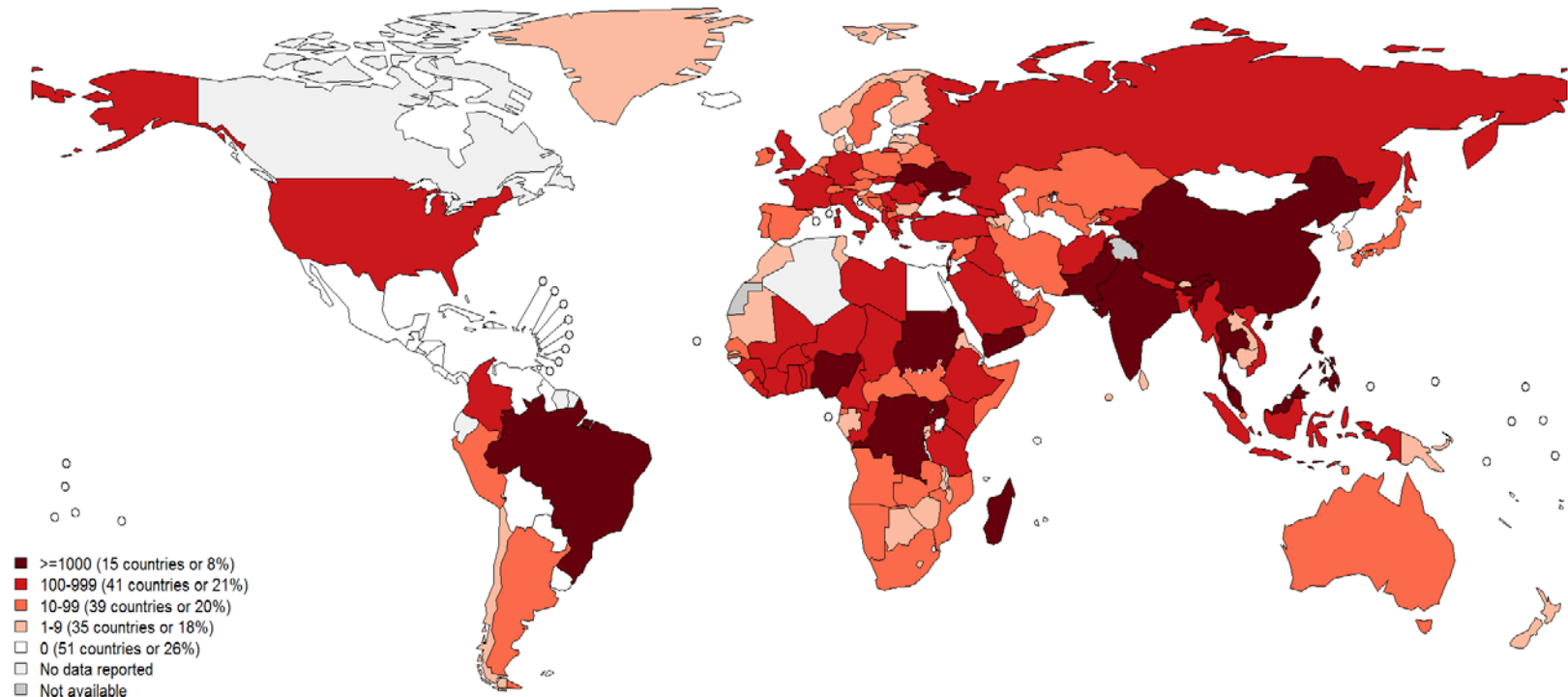
- New York
- Washington
- Texas



*Preliminary data
Source: CDC

Number of Reported Measles Cases (6M period)

Top 10*	
Country	Cases
Ukraine	16932
India	14926
Brazil	9669
Philippines	5936
Madagascar	4327
Thailand	3576
Yemen	3310
DR Congo	2672
Sudan	2591
Malaysia	1508



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Data source: IVB Database

Disclaimer:

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Notes: Based on data received 2019-01 - Surveillance data from 2018-06 to 2018-11 - * Countries with highest number of cases for the period

Questions?