

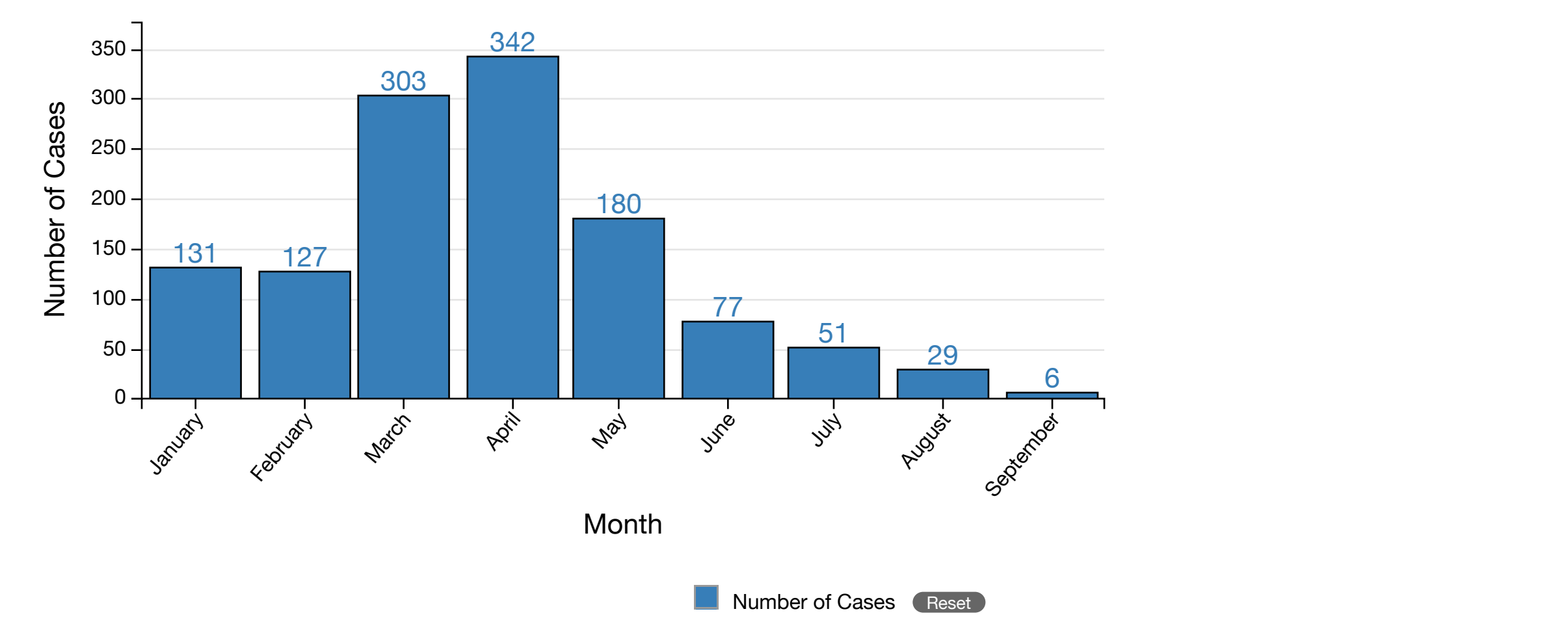
# Measles (Rubeola)

## Measles Cases and Outbreaks

### Measles Cases in 2019

From January 1 to October 3, 2019, 1,250\* individual cases of measles have been confirmed in 31 states. This is an increase of seven cases from the previous week. However, only three of these cases were recently ill. The rest were identified as past cases.

Measles Cases Reported by Month in 2019\*



Data Table

	January	February	March	April	May	June	July	August	September
Number of Cases	131	127	303	342	180	77	51	29	

Scroll for additional

Measles Cases Reported by Month in 2019\*

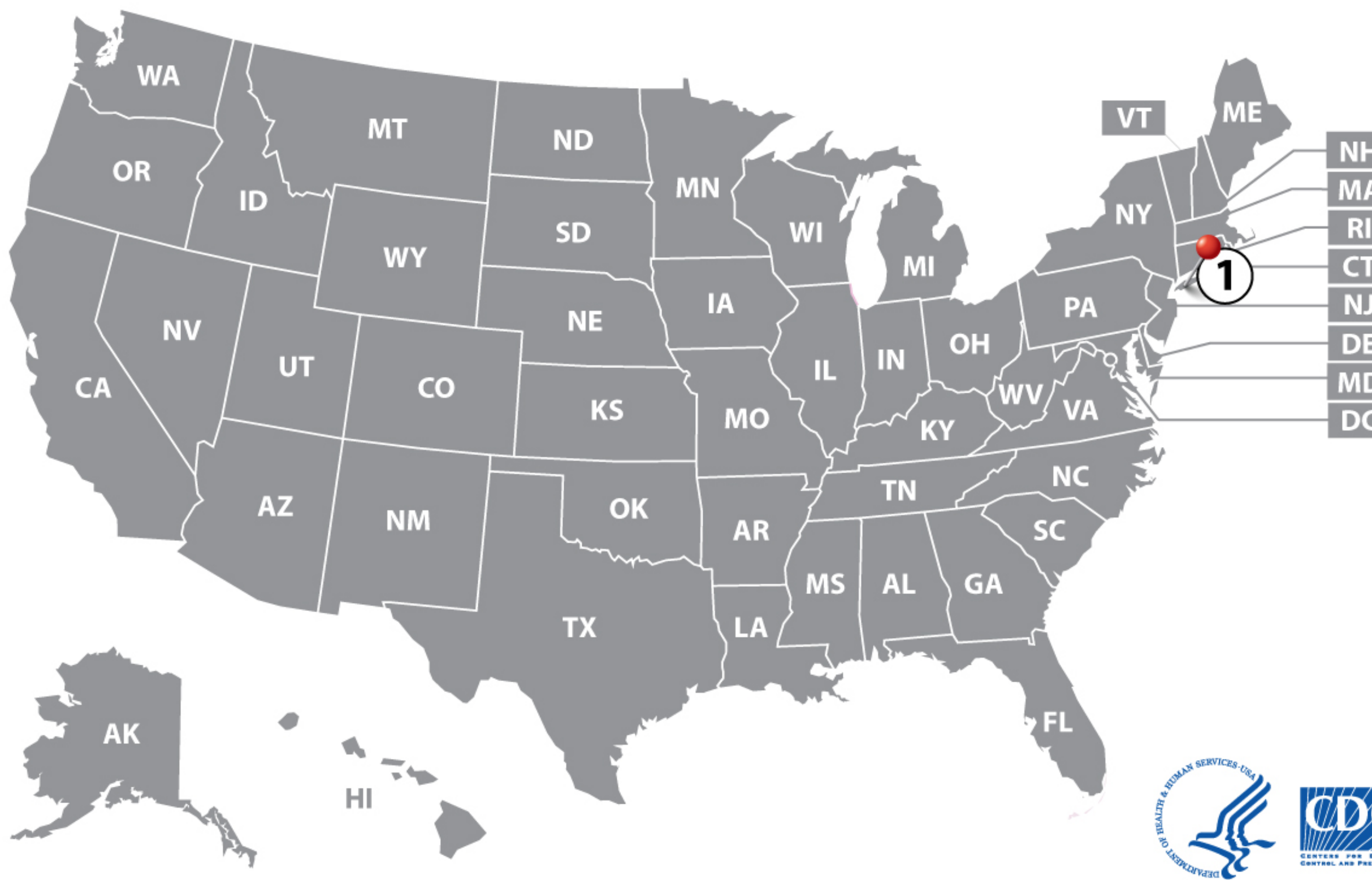
- This is the greatest number of cases reported in the U.S. since 1992. More than 75% of the cases this year are linked to outbreaks in New York. Measles is more likely to spread and cause outbreaks in U.S. communities where groups of people are unvaccinated.
- The majority of cases are among people who were not vaccinated against measles.
- Measles can cause serious complications. From January 1 – October 3, 2019, 119 of the people who got measles this year were hospitalized, and 61 reported having complications, including pneumonia and encephalitis.

# States with Reported Measles Cases

2019 \*\* (as of October 3, 2019)

The states that have reported cases to CDC are Alaska, Arizona, California, Colorado, Connecticut, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Michigan, Missouri, New Mexico, Nevada, New Hampshire, New Jersey, New York, Ohio, Oklahoma, Oregon, Pennsylvania, Texas, Tennessee, Virginia, and Washington. All measles cases this year have been caused by measles wild-type D8 or B3.

# Ongoing Measles Outbreaks Reported to CDC



There is one ongoing measles outbreaks (defined as 3 or more linked cases) currently under investigation:

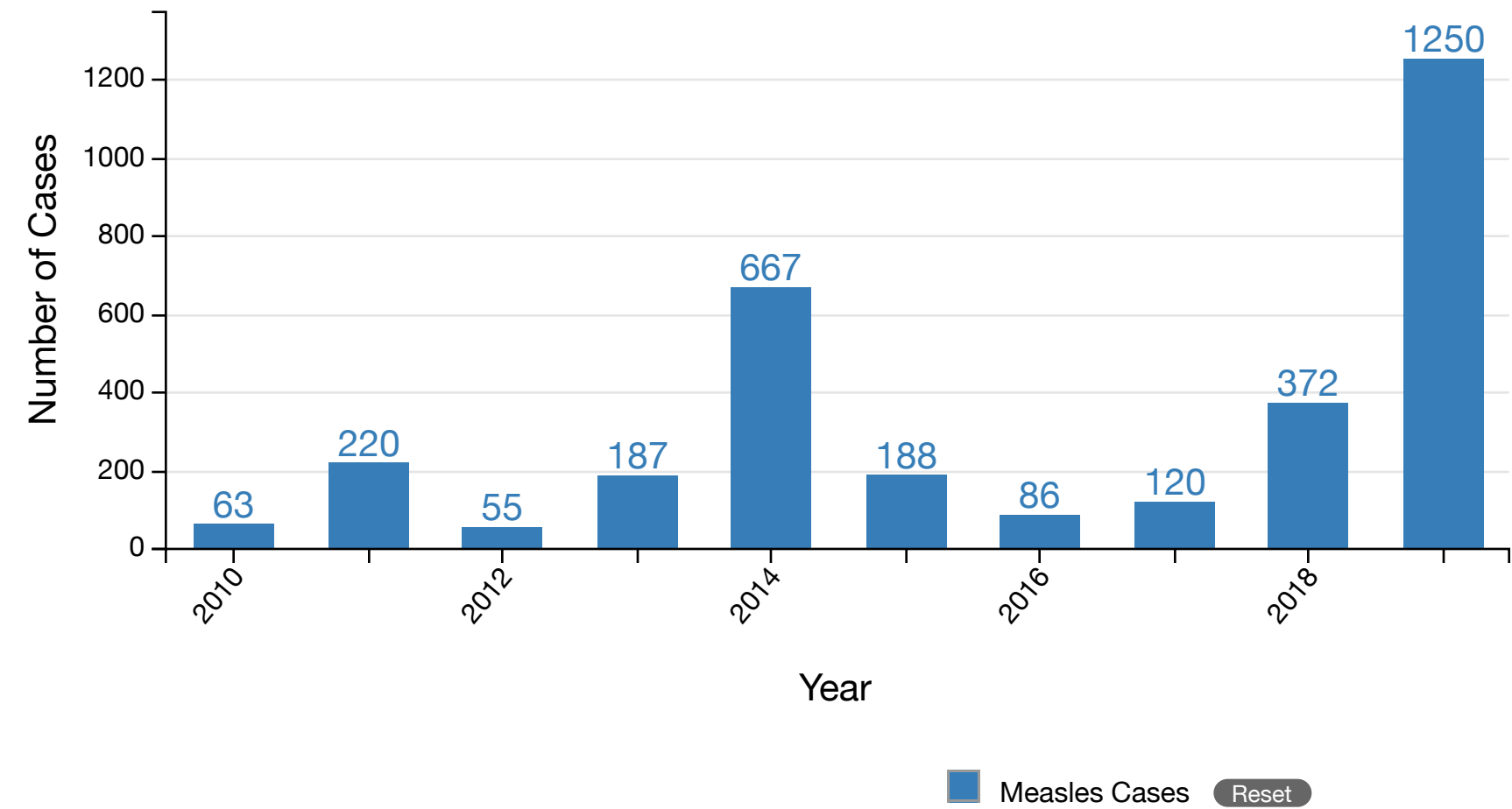
1. New York State #2

The cases in the New York State #2 outbreak are not related to the cases in the New York State, Rockland County outbreak. These outbreaks are linked to travelers who brought measles back from other countries such as Israel, Ukraine, and the Philippines, where large measles outbreaks are occurring.

On October 3, health officials declared that the measles outbreak in New York State, Rockland County has ended [link](#).

# Number of Measles Cases Reported by Year

2010-2019\*\*(as of October 3, 2019)



Data Table										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Measles Cases	63	220	55	187	667	188	86	120	372	1250

Scroll for additional

\*Reporting for 2019 began December 30, 2018. Case count is preliminary and subject to change.  
\*\*Cases as of October 3, 2019. Case count is preliminary and subject to change. **Data are updated every Monday.**



Make sure you are vaccinated against measles before traveling internationally.

## Spread of Measles

- The majority of people who got measles were unvaccinated.
- Measles is still common in many parts of the world.
- Travelers with measles continue to bring the disease into the U.S.
- Measles can spread when it reaches a community in the U.S. where groups of people are unvaccinated.



### For News and Media

Find supporting materials in the [CDC Newsroom](#).

## Measles Outbreak Factsheet



Protect Families & Communities with MMR Vaccine  [1 page, 508]

## Measles Outbreaks

In a given year, more measles cases can occur for any of the following reasons:

- an **increase in the number of travelers who get measles abroad** and bring it into the U.S., and/or
- further spread of measles in U.S. **communities with pockets of unvaccinated people**.

Reasons for an increase in cases some years:

## 2018

The U.S. experienced 17 outbreaks in 2018. Three outbreaks in New York State, New York City, and New Jersey, respectively, contributed to most of the cases. Cases in those states occurred primarily among unvaccinated people in Orthodox Jewish communities. These outbreaks were associated with travelers who brought measles back from Israel, where a large outbreak is occurring. Eighty-two people brought measles to the U.S. from other countries in 2018. This is the greatest number of imported cases since measles was eliminated from the U.S. in 2000.

## 2017

A 75-case outbreak was reported in Minnesota in a Somali-American community with poor vaccination coverage.

### MMWR: 2017 Outbreaks

- [Measles Outbreak — Minnesota April–May 2017](#)

*MMWR*. July 14, 2017

In a community with previously high vaccination coverage, concerns about autism, the perceived increased rate of autism in the Somali-American community...

## 2016

### MMWR: 2016 Outbreaks

- [Notes from the Field: Measles Outbreak at a United States Immigration and Customs Enforcement Facility — Arizona, May–June 2016](#)

*MMWR*. May 26, 2017

On May 25, 2016, a detainee at a U.S. Immigration and Customs Enforcement (ICE) detention center in Arizona who had been hospitalized with fever and a generalized maculopapular rash...

- [Measles Outbreak of Unknown Source — Shelby County, Tennessee, April–May 2016](#)

*MMWR*. September 30, 2016

On April 15, 2016, local public health officials in Shelby County, Tennessee, were notified of a positive measles immunoglobulin M (IgM) test for a male aged 18 months...

The United States experienced a large (147 cases), multi-state measles outbreak linked to an amusement park in California. The outbreak likely started from a traveler who became infected overseas with measles, then visited the amusement park while infectious; however, no source was identified. Analysis by CDC scientists showed that the measles virus type in this outbreak (B3) was identical to the virus type that caused the large measles outbreak in the Philippines in 2014.

### **MMWR: 2015 Outbreaks**

- [Measles — United States, January 4–April 2, 2015](#)

*MMWR*. April 17, 2015

From January 1 through April 2, 2015, a total of 159 measles cases have been reported to CDC....

- [Measles Outbreak — California, December 2014–February 2015](#)

*MMWR*. Feb 20, 2015

As of February 11, a total of 125 measles cases had been confirmed among U.S. residents in an ongoing measles outbreak linked to two Disney theme parks in Orange County, California...

The U.S. experienced 23 measles outbreaks in 2014, including one large outbreak of 383 cases, occurring primarily among unvaccinated Amish communities in Ohio. Many of the cases in the U.S. in 2014 were associated with cases brought in from the Philippines, which experienced a large measles outbreak.

## MMWR: 2014 Outbreaks

- [Measles Outbreak in an Unvaccinated Family and a Possibly Associated International Traveler — Orange County, Florida, December 2012–January 2013](#)

*MMWR*. Sep 12, 2014

Four children in a Florida family were diagnosed with measles in January 2013. None of the four were vaccinated against measles, and none had traveled outside of Orange County, Florida, during the periods when they likely had been exposed...

- [Notes from the Field: Measles in a Micronesian Community — King County, Washington, 2014](#)

*MMWR*. Sep 12, 2014

This outbreak demonstrates the ease with which measles can be imported from a country with an ongoing outbreak and spread among a local population...

- [Measles — United States, January 1–May 23, 2014](#)

*MMWR* May 29, 2014

From January 1 through May 23, 2014, a total of 288 confirmed measles cases have been reported to CDC, surpassing the highest reported yearly total of measles cases since elimination.

- [Notes from the Field: Measles — California, January 1–April 18, 2014](#)

*MMWR*. Apr 25, 2014

During January 1–April 18, 2014, 58 confirmed measles cases were reported in California, the highest number reported for that period since 1995.



## 2013

The U.S. experienced 11 outbreaks in 2013, three of which had more than 20 cases, including an outbreak with 58 cases. For more information see [Measles — United States, January 1-August 24, 2013](#).

### MMWR: 2013 Outbreaks

- [Measles — United States, January 1-August 24, 2013](#)  
*MMWR*. Sep 13, 2013  
During the first 8 months of 2013, 159 people in the United States were reported to have measles.
- [Notes from the field: Measles outbreak among members of a religious community — Brooklyn, New York, March–June 2013](#)  
*MMWR*. Vol 62, No 36;752-3 09/13/2013
- [Notes from the field: Measles outbreak associated with a traveler returning from India — North Carolina, April–May 2013](#)  
*MMWR*. Vol 62, No 36;753

## 2011

In 2011, more than 30 countries in the WHO European Region reported an increase in measles, and France was experiencing a large outbreak. These led to a large number of importations (80) that year. Most of the cases that were brought to the U.S. in 2011 came from France. For more information see [Measles — United States, January–May 20, 2011](#).

## 2008

The increase in cases in 2008 was the result of spread in communities with groups of unvaccinated people. The U.S. experienced several outbreaks in 2008 including three large outbreaks. For more information see [Update: Measles — United States, January–July 2008](#).