

Mumps



# Mumps

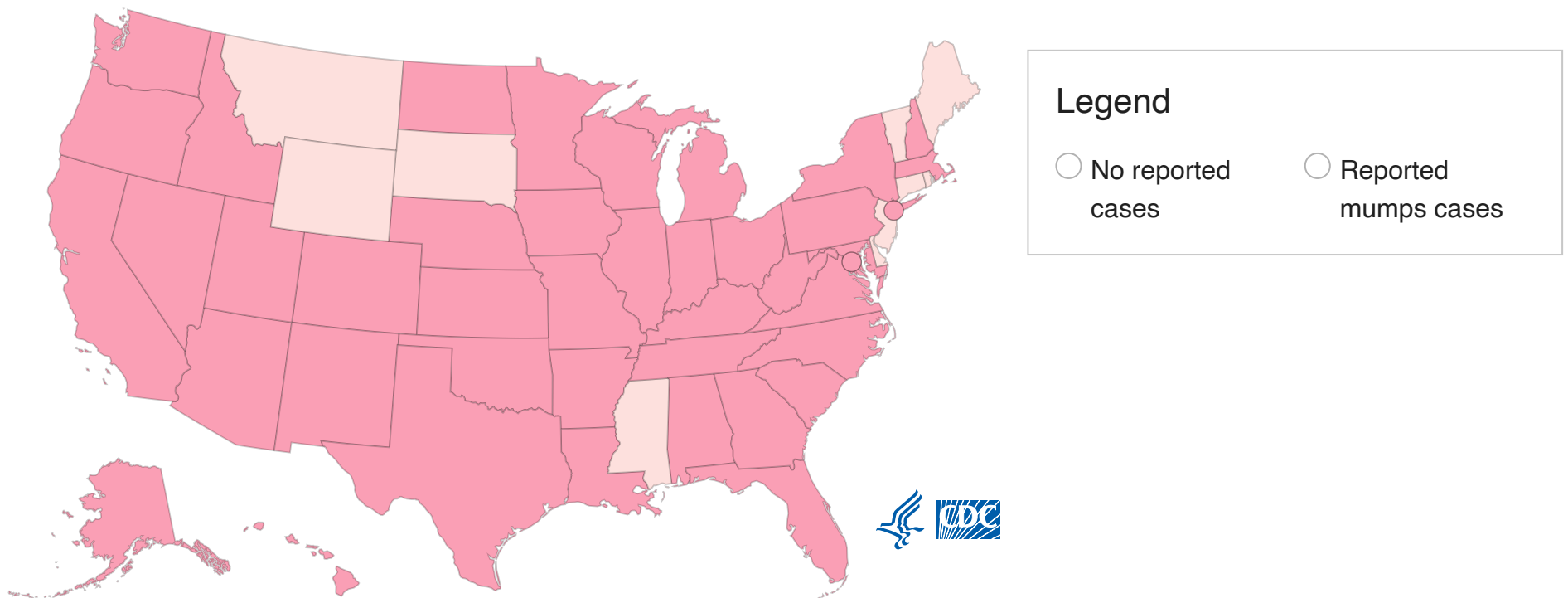
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## Mumps Cases and Outbreaks

As of January 5, 2023, a total of 322 mumps cases were reported by 42 jurisdictions\* during 2022.

### Reported US Mumps Cases by Jurisdiction and Year\*

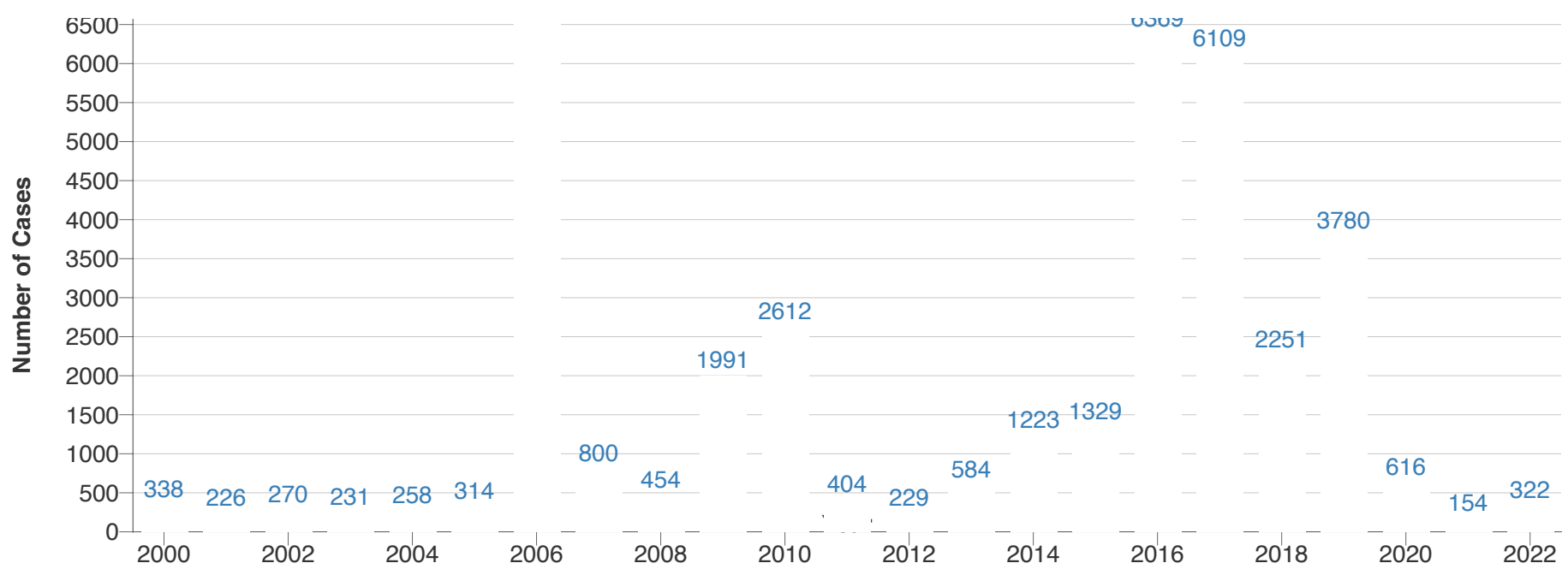
#### Reported Mumps Cases-2022


[Download Data \(CSV\)](#)

Data Table		
Location	status	Count
<input type="radio"/> Alabama	Reported mumps cases	7
<input type="radio"/> Alaska	Reported mumps cases	1
<input type="radio"/> Arizona	Reported mumps cases	2
<input type="radio"/> Arkansas	Reported mumps cases	2
<input type="radio"/> California	Reported mumps cases	14
<input type="radio"/> Colorado	Reported mumps cases	11
<input type="radio"/> Connecticut	No reported cases	0
<input type="radio"/> Delaware	No reported cases	0
<input type="radio"/> District Of Columbia	Reported mumps cases	2
<input type="radio"/> Florida	Reported mumps cases	13
<input type="radio"/> Georgia	Reported mumps cases	3
<input type="radio"/> Hawaii	Reported mumps cases	3
<input type="radio"/> Idaho	Reported mumps cases	1
<input type="radio"/> Illinois	Reported mumps cases	19
<input type="radio"/> Indiana	Reported mumps cases	15
<input type="radio"/> Iowa	Reported mumps cases	7
<input type="radio"/> Kansas	Reported mumps cases	2

Location	status	Count
<input type="radio"/> Kentucky	Reported mumps cases	2
<input type="radio"/> Louisiana	Reported mumps cases	10
<input type="radio"/> Maine	No reported cases	0
<input type="radio"/> Maryland	Reported mumps cases	6
<input type="radio"/> Massachusetts	Reported mumps cases	9
<input type="radio"/> Michigan	Reported mumps cases	11
<input type="radio"/> Minnesota	Reported mumps cases	2
<input type="radio"/> Mississippi	No reported cases	0
<input type="radio"/> Missouri	Reported mumps cases	6
<input type="radio"/> Montana	No reported cases	0
<input type="radio"/> Nebraska	Reported mumps cases	8
<input type="radio"/> Nevada	Reported mumps cases	2
<input type="radio"/> New Hampshire	Reported mumps cases	1
<input type="radio"/> New Jersey	No reported cases	0
<input type="radio"/> New Mexico	Reported mumps cases	2
<input type="radio"/> New York	Reported mumps cases	11
<input type="radio"/> New York City	Reported mumps cases	28
<input type="radio"/> North Carolina	Reported mumps cases	2
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<input type="radio"/> Oregon	Reported mumps cases	9
<input type="radio"/> Pennsylvania	Reported mumps cases	12
<input type="radio"/> Rhode Island	No reported cases	0
<input type="radio"/> South Carolina	Reported mumps cases	2
<input type="radio"/> South Dakota	No reported cases	0
<input type="radio"/> Tennessee	Reported mumps cases	2
<input type="radio"/> Texas	Reported mumps cases	39
<input type="radio"/> Utah	Reported mumps cases	4
<input type="radio"/> Vermont	No reported cases	0
<input type="radio"/> Virginia	Reported mumps cases	15
<input type="radio"/> Washington	Reported mumps cases	1
<input type="radio"/> West Virginia	Reported mumps cases	2
<input type="radio"/> Wisconsin	Reported mumps cases	5
<input type="radio"/> Wyoming	No reported cases	0

## Reported Mumps Cases by Year — United States, 2000-2022\*\*



Data Table

	2000	2001	2002	2003
○ Cases	338	226	270	231

\*Jurisdictions refer to any of the 50 states, New York City, and the District of Columbia.

\*\*2022 map represents cases reported to CDC as of January 5, 2023; 2021 and 2022 case counts are preliminary and subject to change.

## Mumps Cases

Before mumps vaccine was available in the United States, most children got mumps by the time they reached adolescence. Reported cases decreased by more than 99% after both the mumps vaccination program started in the U.S. in 1967 and children regularly received two doses of MMR vaccine. Cases decreased from 152,209 in 1968 to 231 in 2003. However, mumps cases and outbreaks reported in the United States have increased since 2006. Most of these cases were in young adults and [people who were vaccinated](#).

Large outbreaks have happened in settings where people have intense or frequent close contact, like college campuses, close-knit communities, and large gatherings.

## Outbreaks

Mumps outbreaks can occur in U.S. communities of people who previously had 1 or 2 doses of MMR vaccine. Large outbreaks are more likely to occur in close-contact settings. High vaccination coverage helps limit the size, duration, and spread of mumps outbreaks.

- In 2020, mumps cases decreased compared with the previous six years, possibly due to social distancing and other COVID-19 prevention measures. However, mumps continued to circulate across the U.S. despite these measures. From April 1, 2020 to December 31, 2020, 32 health departments reported 142 mumps cases.
- From 2015 to 2019, the U.S. saw a range of different mumps outbreak settings and sizes. Cases started to increase in late 2015.
  - From January 2016 to June 2017, health departments reported 150 outbreaks (9,200 cases). Outbreaks occurred in households, schools, universities, athletics teams and facilities, church groups, workplaces, and as a result of large parties and events.
  - The largest outbreak occurred in a close-knit community in [northwest Arkansas](#) [↗](#) that resulted in nearly 3,000 cases.
  - Two large outbreaks in Iowa and Illinois each involved several hundred university students.
  - About half of the outbreaks involved more than 10 cases.
  - From September 1, 2018 to August 22, 2019, 19 state health departments reported 898 mumps cases in adult migrants detained in 57 [detention facilities](#).
- From 2009 to 2010, two large outbreaks occurred.

- One outbreak involved over 3,000 people and mostly affected students who were part of a close-knit religious community in [New York City](#) and attended schools where they participated in close-contact activities. The outbreak started when an infected student returned from the United Kingdom where a large mumps outbreak was occurring.
- The second outbreak involved about 500 people, mostly school-aged children, in the [U.S. Territory of Guam](#).
- In 2006, the United States experienced a multi-state mumps outbreak involving more than 6,500 reported cases. This resurgence mostly affected Midwest college-aged students on many different [Midwestern college campuses](#).
  - For more information about mumps outbreaks see [Mumps Outbreak Articles](#).

### For General Public

- [Outbreak-Related Questions and Answers for Patients](#)
  - [What is CDC's role in responding to mumps cases and outbreaks?](#)

### For Health Departments and Health Professionals

- [Manual for the Surveillance of Vaccine-Preventable Diseases, Chapter 9: Mumps](#)
- [Laboratory Testing for Mumps Infection](#)
- [Mumps Information for Health Providers](#)
- [Strategies for the Control and Investigation of Mumps Outbreaks](#)

### Related Page

[Mumps Outbreak Articles](#)

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