

# The 2019 Measles Outbreak

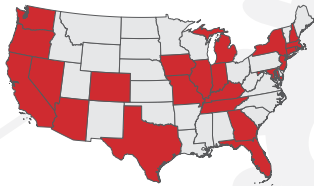


2019's outbreak is the largest since 1994.



**704 Cases**

**In 22 States**



This is the greatest number of cases reported in the U.S. since measles was eliminated in 2000.

## Complications of Measles

- Pneumonia is the #1 cause of pediatric measles-related deaths
- Diarrhea, stomatitis, conjunctivitis, and keratitis (may lead to blindness) may occur
- Encephalitis is rare



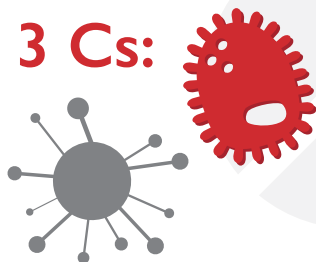
## What are the symptoms?

- Red maculopapular rash that starts on head and spreads down
- Becomes confluent
- Fades in order of appearance



## Remember the 3 Cs:

- Cough
- Coryza (runny nose)
- Conjunctivitis (red eyes)



When Should I think about Measles?

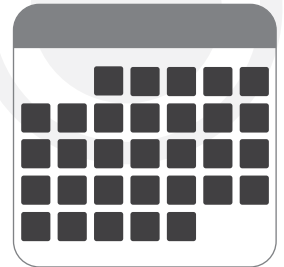


Two major clinical features

**FEVER & RASH**

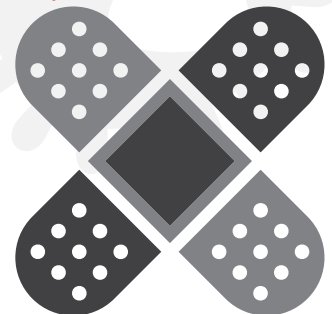
Has the patient received **all** age-appropriate **vaccines** for MEASLES?

First dose at 12-15 months  
**95% protective**  
Second dose at 4-6 years  
**99% protective**



## Testing for Suspected Measles

- Consult with the local/state health departments and local Infectious Diseases specialists for guidance
- Measles IgM (may need to be repeated if initial test is negative because false-negatives may be noted during the first 72 hours of rash onset)
- Serum and throat swabs for measles RNA by PCR (send out test ran at state public health laboratories)
- Measles IgG (presence suggests immunity)



To learn more about vaccinations or to schedule a Maximizing Office Based Immunization (MOBI) training with your practice, please contact Lory Sheeran Winland at [lwinland@ohioaap.org](mailto:lwinland@ohioaap.org).

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