

JB Pritzker, Governor

Ngozi Ezike, MD, Director

## Summary and Action Items

- 1.) Provide awareness of a **measles** case in Kane County.
- 2.) Encourage health care providers to consider measles in the differential of clinically compatible cases, especially with appropriate exposure risks such as travel or contact with a case or location identified as a potential risk.
- 3.) Remind providers to **immediately report to public health** any suspect cases, at the time of clinical testing, and outline appropriate steps for diagnosis and isolation.

## Background

From January 1 to May 24, 2019, 940 individual cases of measles have been confirmed in 26 states (<https://www.cdc.gov/measles/cases-outbreaks.html>), with many states experiencing outbreaks. In Illinois, there have been nine cases with the most recent case in an adult who traveled out of state and was exposed there. This case was confirmed on May 28, 2019. Individuals identified as potentially exposed during the contagious period will be directly contacted by public health. However, exposures can also have occurred in public areas, where it is impossible to identify all potential contacts.

## Potential Exposures

The following is a listing of known public exposures for the most recent case. When considering whether a clinically compatible case may have been exposed to measles, please ask if the patient might have been exposed at any of the below locations. Patients presenting for measles evaluation should be assessed for potential exposure at these locations on the dates and times listed. A patient may develop symptoms up to 21 days after the exposure date.

Monday, May 20 and Tuesday, May 21, 2019 8:30am-7:00pm	Houghton Mifflin Harcourt 255 38 <sup>th</sup> St., St. Charles, IL
Monday, May 20, 2019 5:30pm-8:00pm	At Home (store) 2100 S. Randall Rd., Geneva, IL
Monday, May 20, 2019 5:45pm-8:05pm	Best Buy 1876 S. Randall Rd., Geneva, IL
Monday, May 20, 2019 6:05pm-9:05pm	Colonial Café 552 Randall Rd., St. Charles, IL
Monday, May 20, 2019 7:05pm-9:45pm	Meijer 855 Randall Rd., St. Charles, IL
Wednesday, May 22, 2019 11:20am-3:00pm	Northwestern Medicine Regional Medical Group St. Charles 2900 Foxfield Rd., St. Charles, IL
Friday, May 24, 2019 3:30pm-6:30pm	Northwestern Medicine Regional Medical Group St. Charles 2900 Foxfield Rd., St. Charles, IL

## Illinois Department of Public Health

## Case Identification, Testing and Management

Consider measles in any patient with febrile rash illness and clinically compatible measles symptoms who: a) has recently traveled abroad or to an area where measles is known to be of concern or visited one of the above settings during the noted time periods, b) has not been vaccinated, and/or c) has had contact with someone with a febrile rash illness. Immuno-compromised people may not develop a rash or may exhibit an atypical rash. For additional information, click on IDPH's [Measles Testing Flowchart](#).

IDPH recently provided a memorandum with updated guidance on measles. Information on symptoms, testing, isolation of cases, prevention of measles, and management of susceptible close contacts is described in the [IDPH Health Alert on May 15, 2019](#). Additionally, providers may contact their local health department for assistance.

We ask that health care providers be vigilant in identifying any suspect measles cases. **Health care providers should not wait for laboratory results before contacting their local health department during or after work hours.** Laboratories should also report to their local health department positive lab tests for measles as soon as possible, but within 24 hours.

## Contact

Contact your [local health department](#) during or after work hours.  
City of Chicago health care providers: Call 311.

## Additional Resources

<https://www.cdc.gov/measles/hcp/index.html>

<http://www.dph.illinois.gov/topics-services/diseases-and-conditions/diseases-a-z-list/measles>

Providers may also print the measles [educational flyer](#) to post at their medical offices.

## Target Audience

Infectious Disease Physicians, Hospital Emergency Departments, Infection Preventionists, Health Care Providers, Laboratories, and Local Health Departments,

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## Author

IDPH Communicable Disease Section