

Summary and Action Items

- 1.) Provide awareness of a **measles** case in Chicago.
- 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 17, 2019, 880 individual cases of measles have been confirmed in 24 states (<https://www.cdc.gov/measles/cases-outbreaks.html>), with many states experiencing outbreaks. In Illinois, there have been eight cases with the most recent case in an adult traveler to Chicago confirmed on May 17, 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.

May 15, 2019 11:40PM-2:00AM	O'Hare International Airport American Airlines Terminal 3 & Baggage Claim 10000 W O'Hare Ave, Chicago
May 16, 2019 12AM (midnight)-10AM	Crowne Plaza Northbrook Hotel 2875 N Milwaukee Ave, Northbrook, Illinois
May 16, 2019 8AM-11AM	Crowne Plaza Northbrook Hotel shuttle
May 16, 2019 Morning	El train from O'Hare International Airport to Chicago
May 16-17, 2019 10:00AM-10:00AM	Marie Robinson Hall: University of Illinois at Chicago (UIC) Campus* 811 West Maxwell Street, Chicago
May 16-17, 2019 10AM-12:30AM	Downtown Chicago, including: Chicago Loop, Millennium Park, Public Transportation, Retail establishments: 1) State Street between Monroe and Randolph Street, Chicago 2) South Canal Street, Chicago
May 17, 2019 8AM-12PM	UIC Student Center East R/Finance Conference** Conference Center, 750 S Halsted Street, Chicago

May 17, 2019 10:15AM-2:00PM	Physicians Immediate Care, West Loop*** 600 West Adams, Chicago
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*All registered residents and staff members from Marie Robinson Hall were directly contacted and immunity status checked.

**Direct notification has been sent to all conference attendees at the R/Finance Conference on May 17th.

***All patients and staff present at the Physicians Immediate Care, West Loop, on May 17, 2019, have been directly notified.

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. **City of Chicago health care providers should call 311** and ask for the infectious disease physician on call to request measles PCR testing.

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.

City of Chicago Health Alert Network: <https://www.chicagohan.org/home>

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