



# Health Alert Network

## Tri-County Health Department

Serving Adams, Arapahoe and Douglas Counties

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John M. Douglas, Jr., M.D. Executive Director

The pages that follow contain information critical to protecting the health of your patients and the citizens of Colorado.

## HAN ALERT

Number of pages including cover: 5

Subject: **Alert - Measles Case in the Denver Metropolitan Area January 9, 2017**

Message ID: 1/9/2017 1:30:00 PM

Recipients: HAN Community Members.

From: TRI-COUNTY HEALTH DEPARTMENT

Adams, Arapahoe and Douglas County, Colorado

Recipient Instructions: **Tri-County Health Department is forwarding you the attached HAN. You may have already received this broadcast if you are on the CDPHE distribution list, however, we wanted to ensure you did not miss this important information. No response is required.**

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You have received this message based upon the information contained within our Health Alert Network Notification System. If you have a different or additional e-mail or fax address that you would like us to use, or if you have additional questions, call 720-200-1477.

### Categories of Health Alert Network Messages:

**Health Alert:** Conveys the highest level of importance; warrants immediate action or attention.

**Health Advisory:** Provides important information for a specific incident or situation; may not require immediate action.

**Health Update:** Provides updated information regarding an incident or situation; unlikely to require immediate action.

**Info Service/Public Health Brief:** Provides general information that is not necessarily considered to be of an emergent nature.

You may download a copy of this HAN from the TCHD website at  
<http://www.tchd.org/259/Health-Alert-Network>



**COLORADO**

**Department of Public  
Health & Environment**

Dedicated to protecting and improving the health and environment of the people of Colorado

HEALTH ALERT NETWORK BROADCAST

MESSAGE ID: 01092017 11:25

FROM: CO-CDPHE

SUBJECT: HAN Alert - Measles Case in the Denver Metropolitan Area

RECIPIENTS: Local Public Health Agencies / IPs / Clinical Labs / EDs / ID Physicians

RECIPIENT INSTRUCTIONS: Local Public Health Agencies - please forward to healthcare providers

## HEALTH ALERT | Measles Case in the Denver Metropolitan Area | January 9, 2017

Health care providers: Please distribute widely in your office

### Key points

- An unvaccinated adult from the Denver Metro area has tested positive for measles after traveling internationally, where public health officials believe the patient was exposed to the virus.
- While infectious, this person visited numerous businesses and two health care facilities in the Denver-Boulder Metro area. Please see below for specific locations and dates.
- **Individuals being seen with a fever and rash should be assessed for measles. Immediately report all suspect measles cases to your local health department or CDPHE at 303-692-2700, or after-hours at 303-370-9395.** Do not wait until laboratory results are available before reporting suspect measles cases.
- Children younger than 5 years and adults older than 20 years are more likely to suffer from measles complications. Complications can include ear infections (that can lead to permanent hearing loss), diarrhea, pneumonia, and more rarely encephalitis.

### Background information

Measles is a highly contagious viral disease that causes a distinct febrile rash illness. The incubation period for measles ranges from 7 to 21 days. Susceptible individuals exposed to this person could currently be experiencing measles symptoms and may develop symptoms up until January 19, which is 21 days after the end of the patient's infectious period.

Tri-County Health Department and Denver Public Health are contacting people directly exposed to the Colorado resident but the measles virus is very contagious and unidentified exposures may exist.

People visiting the following locations on the following dates may have been exposed to measles  
(times are approximate):

Westerra Credit Union  
14305 E. Alameda Ave., Aurora, 80012  
12/21/2016 from 11:00 a.m. - 1:30 p.m.

King Soopers Buckley Square  
17000 E. Iliff Ave., Aurora 80013  
12/21/2016 from 11:00 a.m. - 3:30 p.m.

Vitamin Cottage  
3440 S. Tower Road, Aurora, 80013  
12/21/2016 from 1:00-5:00 p.m. and  
12/27/2016 from 12:30 - 3:30 p.m.

Walmart Supercenter Pioneer Hills  
5650 S. Chambers Rd., Aurora, 80015  
12/21/2016 2:30- 5:30 p.m.

Alfalfa's Market  
785 E. South Boulder Road, Louisville, 80027  
12/22/2016 from 2:00 - 4:00 p.m.

T Mobile  
1590 28th St., Boulder, 80303  
12/22/2016 from 3:00 - 5:30 p.m.

uBreakiFix  
1136 Spruce St., Boulder, 80302  
12/22/2016 from 3:30 - 7:00 p.m.

Rebecca's Apothecary  
1227 Spruce St., Boulder, 80302  
12/22/2016 from 5:00 - 8:30 p.m.

Falafel King  
1314 Pearl St., Boulder, 80302  
12/22/2016 from 5:00 - 7:00 p.m.

Flatirons Mall, specifically, T Mobile and  
Brookstone  
1 W. Flatiron Crossing Dr., Broomfield, 80021  
12/22/2016 from 6:00 - 10:00 p.m.

Chipotle Mexican Grill  
1644 E. Evans Ave., Denver, 80210  
12/22/2016 from 8:30 - 10:30 p.m.

Dollar Tree Englewood Plaza  
351 W. Englewood Parkway, Englewood, 80110  
12/23/2016 5:00 - 7:00 p.m.

Walmart Supercenter  
601 Englewood Parkway, Englewood, 80110  
12/23/2016 from 4:00 - 7:00 p.m.

Sprouts Farmers Market  
2880 S. Colorado Blvd., Denver, 80222  
12/23/2016 from 6:00 - 8:00 p.m.

AFC Urgent Care  
760 S Colorado Blvd., Denver, 80246  
12/27/2016 from 10:00 a.m. - 3:00 p.m.

T Mobile Blvd Center  
1685 S. Colorado Blvd., Denver, 80222  
12/27/2016 from 10:00 a.m. - 1:00 p.m.

Lifetime Fitness  
5000 E. Dry Creek Rd, Centennial, 80122  
12/27/2016 from 1:00 p.m. - 4:00

Parker Adventist Hospital Emergency  
Department  
9395 Crown Crest Blvd., Parker, 80138  
12/29/2016 from 5:30 pm to 1:30 am on  
12/30/2016

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## Recommendations / guidance

The diagnosis of measles should be considered in any person with a generalized maculopapular rash and a fever, especially if accompanied by cough, coryza or conjunctivitis (immunocompromised patients may exhibit an atypical rash or no rash).

## Measles Symptoms:

### Prodrome

Fever (usually  $\geq 101$  degrees F)

Cough

Coryza (runny nose)

Conjunctivitis

### Rash

Usually begins on face 2-4 days after prodrome onset

Typically spreads downward/outward to hands and feet

Typically is a maculopapular rash

Lasts at least 3 days

## TESTING:

Collect a nasal wash, throat (oropharyngeal) or NP (nasopharyngeal) swab for measles PCR testing. Also draw a serum specimen (red top tube or separator tube) for measles IgM testing.

After consultation with CDPHE Communicable Disease Branch staff at 303-692-2700, specimens from highly suspect cases may be referred to the CDPHE laboratory for testing. Specimen collection guidelines can be found on this page:

<https://www.colorado.gov/pacific/cdphe/measles-information-health-care-and-public-health-professionals>

## INFECTION CONTROL:

Suspected measles patients (i.e., persons with febrile rash illness) should be removed from emergency department and clinic waiting areas as soon as they are identified.

In HOSPITAL settings, patients with suspected measles should be placed immediately in an airborne infection (negative-pressure) isolation room (if available). If possible, they should not be sent to other parts of the hospital for examination or testing procedures. The exam room should not be used for two hours after the suspect measles patient leaves.

In CLINIC settings, patients with suspected measles should be quickly placed in a private room with the door closed and asked to wear a surgical mask, if tolerated. The exam room should not be used for two hours after the suspect measles patient leaves.

Only health care providers with presumptive evidence of measles immunity should have contact with the patient.

All health care personnel should have presumptive evidence of measles immunity documented and on file at their work location. Current recommendations state that for healthcare personnel, presumptive evidence of measles immunity includes two doses of MMR vaccine, serologic evidence of immunity to measles, or physician-diagnosed measles (during a measles outbreak, there may be additional vaccination recommendations).

#### **VACCINATION:**

The first dose of MMR vaccine should be given at 12-15 months of age, though infants 6-11 months of age who plan to travel internationally should receive a dose of MMR vaccine prior to travel. Two subsequent doses of MMR still are required on or after the 1st birthday in infants who receive their first dose prior to 12 months of age.

A second dose is recommended at 4-6 years of age but can be given earlier, provided the interval between the 1st and 2nd doses is at least 28 days.

People born during or after 1957 should have documentation of at least one dose of MMR or other evidence of measles immunity.

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#### **For more information**

For more information, physicians, laboratories, and public health partners should contact Meghan Barnes, Emily Spence-Davison, or Amanda Reiff at 303-692-2700.

For general questions from the public, CO-HELP is available at 877-462-2911.

