



**2013-04-30-036 Salmonellosis, st Typhimurium - USA (04): (MN) unpasteurized cheese  
To: (03) Food-borne, water-borne and air-borne diseases; (07) Zoonoses, general;**

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**SALMONELLOSIS, SEROTYPE TYPHIMURIUM - USA (04): (MINNESOTA) UNPASTEURIZED  
CHEESE**

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A ProMED-mail post

<<http://www.promedmail.org>>

ProMED-mail is a program of the

International Society for Infectious Diseases <<http://www.isid.org>>

Date: Wed 24 Apr 2013

Source: Star Tribune (Minnesota) [edited] <<http://www.startribune.com/lifestyle/blogs/204570561.html>>

To date 13 people have become ill with salmonellosis from eating a raw Mexican-style cheese, queso fresco. Officials are warning people of the health risks of eating unpasteurized dairy products.

MDH [Minnesota Department of Health] has confirmed 11 cases of infection with *Salmonella* [enterica\_ serotype] Typhimurium. 8 were hospitalized. Other family members became ill, and 2 were hospitalized. All have recovered. Unpasteurized queso fresco apparently came from someone who made it in a private home and then delivered it to others and may have sold it on a street corner near the East Lake Street area of Minneapolis. Anyone who may have the cheese should throw it away.

The Minnesota Department of Health, the Minnesota Department of Agriculture, and the City of Minneapolis are investigating the outbreak and the source of the raw milk in the cheese.

Raw milk can contain pathogens that can cause serious illness, including *Campylobacter*, Shiga toxin-producing *Escherichia coli*, *Salmonella*, *Listeria*, and *Yersinia*. Pasteurization has been used for almost a century as a way to reduce diseases commonly caused by raw milk.

Minnesota law allows the purchase of raw milk directly from a farm for consumption, but it may not be distributed or sold off the farm.

Additionally, cheese production facilities need to follow proper food safety laws and regulations, including licensure.

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[Overall, in the USA, campylobacteriosis [not salmonellosis] has been the most common infection reported in ProMED-mail associated with unpasteurized dairy products. In addition to the zoonotic infections mentioned in the post, non-zoonotic organisms such as *Streptococcus pyogenes*, *Salmonella* Typhi, *Corynebacterium diphtheriae*, *Shigella* species, *Salmonella* Paratyphi A, *Salmonella* Paratyphi B, enterotoxins from *Staphylococcus aureus*, and hepatitis A have also been associated with raw milk ingestion. - Mod.LL

A HealthMap/ProMED-mail map can be accessed at:

<<http://healthmap.org/r/6vpi>>.]

[see also:

Salmonellosis, st Infantis - USA: (MN, CO) live poultry contact

20130424.1669381

Salmonellosis - USA: (SD) live chick contact 20130421.1662050 Salmonellosis, serotype Typhimurium

- USA (03): hedgehog

20130419.1657069



CENTAUR GLOBAL NETWORK

Campylobacteriosis - USA (03): (AK) unpasteurized milk  
20130305.1572798  
Campylobacteriosis - USA: (AK) unpasteurized milk 20130218.1547473 Salmonellosis, serotype  
Heidelberg - USA: chicken 20130217.1546450 Salmonellosis, serotype Typhimurium - USA (02):  
hedgehog, alert  
20130206.1531  
Salmonellosis, serotype Typhimurium - USA: ground beef  
20130126.1515904  
Salmonellosis, serotype Uganda - USA: (LA) head cheese, recall  
20130126.1514857  
2012  
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Campylobacteriosis - USA (13): (CA) raw dairy products  
20120511.1129936  
E. coli EHEC - USA (12): (OR) O157, raw milk, addtl. pathogens  
20120503.1119409  
E. coli EHEC - USA (09): (OR) O157, unpasteurized milk  
20120414.1101363  
E. coli EHEC - USA (06): (MO) O157, unpasteurized dairy susp.  
20120410.1095960  
Campylobacteriosis - USA (12): (CA) unpasteurized cream  
20120324.1079609  
Campylobacteriosis - USA (04): (PA, MD, NJ) unpasteurized milk 20120202.1031280  
Campylobacteriosis - USA (03): (PA, MD) unpasteurized milk 20120201.1028720 Campylobacteriosis  
- USA (02): (PA, MD) unpasteurized milk  
20120131.1027643  
Campylobacteriosis - USA: (PA, MD) Ex PA, unpasteurized milk 20120128.1024979]  
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