

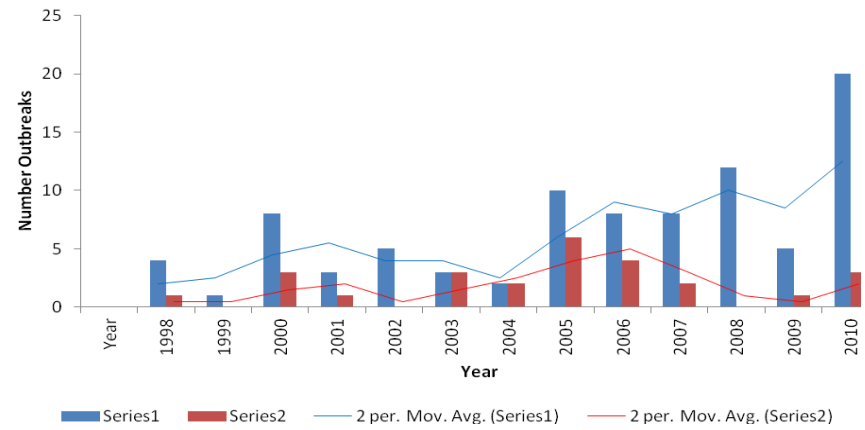
Outbreaks from Foodborne Pathogens in Unpasteurized (Raw) Milk and Raw Milk Cheeses, United States 1998-present

These charts and tables were compiled by the Real Raw Milk Facts working group through searches of the Centers for Disease Control and Prevention's (CDC) online [foodborne disease outbreak database](#) (1998-2010). Because the CDC database has about a two-year lag period, preliminary data was gathered from government and dairy industry press releases, reports, and newsletters to document recent outbreaks (2011-present). Information on farm type and size was taken from the implicated dairy's website, state reports, and articles when available.

- 136 total outbreaks
 - 102 fluid milk: 27 cow, 4 goat, 71 unspecified milk type
 - 28 cheese: 2 aged, 3 homemade, 18 Mexican-style queso fresco, 1 goat chevre, 1 curds, 3 unspecified
 - 6 multiple raw dairy products (fluid milk, cheese, and/or colostrum)

- 2,468 total illnesses, 2 deaths
 - 1,803 fluid milk-related illnesses, no deaths: 477 cow, 63 goat, 1,263 unspecified
 - 608 cheese-related illnesses: 46 aged, 80 homemade, 349 Mexican-style queso fresco (2 deaths), 5 goat chevre, 63 curds, 58 unspecified cheese type
 - 57 multiple raw dairy products-related illnesses (fluid milk, cheese, and/or colostrum)

Raw Milk Outbreaks 1998-2010 (n = 115)



Raw Milk Illnesses 1998-2010 (n = 1,998)

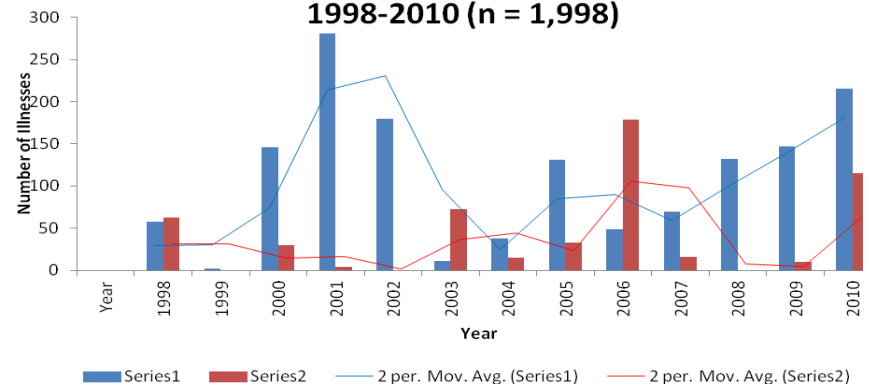


Table. Outbreaks and illnesses from raw (unpasteurized) dairy products, United States, 1998-present.

Year	Month	State	Etiology	No. Ill	No. hospitalized	Source	Comments/references
2013	Oct	TN	<i>E. coli</i> O157	9	3	Raw cow milk; McBee dairy, ~200 herdshare members	Herdshare (legal); KCHD 2013; TDH 2013
2013	Aug	PA	<i>Campylobacter jejuni</i>	2		Raw cow milk; same dairy, The Family Cow, as May 2013 and Jan-Feb 2012 outbreaks	Retail and farm (legal); PDA 2013b
2013	Jun	MN	<i>Campylobacter jejuni</i>	6		Raw cow milk; Jaloszyski Dairy Farm, Cambridge	Off-farm sales illegal; MDH 2013b
2013	May	PA	<i>Campylobacter jejuni</i>	5		Raw cow milk; The Family Cow dairy in Chambersburg; ~200 milking cows (148 <i>C. jejuni</i> illnesses at same dairy in 2012)	Retail and farm (legal); PDA 2013a; Longenberger et al, 2012
2013	May	AK	<i>Campylobacter jejuni</i>	5		Raw cow milk; Small Kenai Peninsula Dairy (~10 cows) - same dairy as outbreak in Feb 2013	Cow-share (legal); AKDOH 2013b
2013	Apr	MN	<i>Salmonella</i> Typhimurium	25	15	Raw milk used to make homemade Mexican-style queso fresco cheese; milk source not specified	Possible street vendor sale (illegal); MDH 2013a
2013	Feb	AK	<i>Campylobacter jejuni</i>	31		Raw cow milk; Small Kenai Peninsula Dairy (~10 cows)	Cow-share (legal); AKDOH 2013a
2013	Jan	MO	<i>E. coli</i> O103	3		60-day aged cheese made from raw cow milk sold by Homestead Creamery; small local dairy	Retail and farm (legal); MDA 2013

Year	Month	State	Etiology	No. Ill	No. hospitalized	Source	Comments/references
2012	Dec	PA	<i>Salmonella</i> (suspected)			Pending investigation; Raw cow milk; Kimberton Farms Dairy; Kimberton Whole Foods distributor (also known as Camp Hill Village or Kimberton Hills); biodynamic farm; brown swiss and short horn milking cows; rotational grazing	Retail (legal); Chester County 2012; FSN 2012
2012	Jan-Apr	CA	<i>Campylobacter</i> sp.	10		Raw cow milk, other raw dairy products; Organic Pastures Dairy; grassfed, pastured (~400 milking cows)	Retail (legal); CDFAA 2012
2012	Apr	OR	<i>E. coli</i> O157:H7 (19 cases) <i>Campylobacter</i> (1 case) <i>Cryptosporidium</i> (1 case)	21		Raw cow milk; Foundation Farm, small 4 cow herdshare	Cowshare (OR law does not specify legality of herdshares); 4 children hospitalized with HUS; 4 children from the farm family sick; OHA 2012
2012	Mar-Apr	MO	<i>E. coli</i> O157:H7	14		Raw cow milk; Stroupe Farm in Howard County, central Missouri	Farm sales legal; 1 child hospitalized with HUS; MDHSS, 2012
2012	Mar	CA	<i>Campylobacter jejuni</i>	9		Raw cow milk, other dairy product; Claravale Farm, San Benito County; Jersey herd	Retail (legal); CDFAb 2012
2012	Jan-Feb	PA/MD/NJ/WV	<i>Campylobacter jejuni</i>	148		Raw cow milk; The Family Cow dairy in Chambersburg; ~200 milking cows	Retail (legal in PA); customers brought milk to other states; MDHMH 2012; Longenberger et al, 2012
2012	Jan	KS	<i>Campylobacter jejuni</i>	18		Raw goat milk, Unnamed dairy in South Central Kansas	Farm sales (legal); KDA 2012

Year	Month	State	Etiology	No. Ill	No. hospitalized	Source	Comments/references
2011	Aug-Nov	WA	<i>E. coli</i> O157:H7	3		Raw cow milk, Cozy Vale Creamery and Farm, Tenino; pasture-based micro dairy	Retail sale (legal); WDOH 2011
2011	Aug-Oct	CA	<i>E. coli</i> O157:H7	5		Raw cow milk, kefir; Organic Pastures Dairy; grassfed, pastured (~400 milking cows)	Retail sale (legal); CDFA 2011
2011	Sep	NY	<i>Campylobacter</i> sp.	5		Raw cow milk; Willow Marsh Farm; all natural grassfed milk with no feed additives or hormones	Farm sale (legal); NYDOH 2011
2011	Jul	NC	<i>Campylobacter</i> sp.	8		Raw cow milk; Tucker Adkins in York County, SC; ~60 milking cows	Retail sale (legal in SC), customers brought milk from SC to NC; FDA 2011
2011	May-Jul	AK	<i>Campylobacter jejuni</i>	18		Raw cow milk; Byers Farm in Matnusk-Susitna (Mat-Su) Valley; ~150 cows	Herdshare (legal, unregulated); AKDOH 2011
2011	Jun	WI	<i>Campylobacter jejuni</i>	18		Raw cow milk; Unnamed Racine County farm; ~250 cows; sells to processor	Parent brought milk to school; DATCP/DHS 2011
2011	Jun	MI	<i>Coxiella burnetii</i>	3		Raw cow milk; Dairy Delight, Livingstone County, MI	Cowshare (legal, unregulated); FSN 2011
2010-2011		UT	<i>Salmonella</i> Newport	62		Raw milk used for Mexican-style queso fresco cheese; Unnamed Wasatch County dairy	Illegal production and distribution of raw milk cheese by a West Valley man; as many as 2,100 may have been infected since 2009; FDA 2011

Year	Month	State	Etiology	No. Ill	No. hospitalized	Source	Comments/references
2010	Dec	MN/OR/ VT/WA	<i>E. coli</i> O157:H7; <i>E. coli</i> O157:NM (H-)	15		Aged raw milk cheese; Sally Jackson Cheeses; small, raw dairy with cows, sheep and goats	Retail sale (legal); FDA 2010; CDC NORS 2012
2010	Dec	VT	<i>Campylobacter jejuni</i>	11	0	Raw milk	CDC NORS 2012
2010	Oct- Nov	AZ/CA CO/NM/ NV	<i>E. coli</i> O157:H7 <i>Listeria monocytogenes</i> also found in the cheeses	38	15	Aged raw milk cheese; Bravo Farms Cheese Factory; medium-sized, hormone and antibiotic free dairy	Retail sale (legal); HUS; CDC 2010a; CDC NORS 2012
2010	Nov	TX	<i>Salmonella</i> sp.	4		Raw cow milk; Lavon Farms; medium sized (~200 cows) Guernsey and Jersey raw milk dairy	Farm store (legal); DCDOH 2010
2010	Jul	MN	<i>Campylobacter</i> ; <i>Cryptosporidium</i>	7	0	Raw cow milk, other dairy products; Hartmann Dairy Farm; no pesticides, herbicides, antibiotics or genetically modified grains fed to raw milk dairy cows	Farm sale (legal), farmer also sold through off-farm buyer's club (illegal); MDA/MDH 2010a; CDC NORS 2012
2010	Oct	PA	<i>Campylobacter jejuni</i>	4	1	Raw milk	CDC NORS 2012
2010	Sep	SC	<i>Campylobacter jejuni</i>	7	0	Raw milk	CDC NORS 2012
2010	Aug	VT	<i>Campylobacter jejuni</i>	6	0	Raw milk	CDC NORS 2012
2010	Jul	ND	<i>Campylobacter jejuni</i>	7	0	Raw milk	CDC NORS 2012
2010	Jun	CO	<i>Campylobacter jejuni</i> ; <i>E.coli</i> O157:H7	30	2	Raw goat milk; Billy Goat Dairy; small farm (~54 goats)	Hershare (legal); BCPH 2010; CDC NORS 2012
2010	May	WA	<i>E. coli</i> O157:H7	2	1	Raw cow milk; Jackie's Jerseys; small, local grassfed	Retail sale (legal); WDOH 2010a; CDC NORS 2012

Year	Month	State	Etiology	No. Ill	No. hospitalized	Source	Comments/references
2010	May	MA	<i>Campylobacter jejuni</i>	2	1	Raw cow milk	CDC NORS 2012
2010	May	MI	<i>Campylobacter jejuni</i>	11	0	Raw milk	CDC NORS 2012
2010	May	MN	<i>E. coli</i> O157:H7	8	5	Raw cow milk, other dairy products; Hartmann Dairy Farm; no pesticides, herbicides, antibiotics or genetically modified grains fed to raw milk dairy cows	Farm sale (legal), farmer also sold through off-farm buyer's club (illegal); MDA/MDH 2010b; CDC NORS 2012
2010	Apr	UT	<i>Salmonella</i> Newport	10		Raw cow milk; Redmond Heritage Farms; small pasture fed (no grain)	Farm and retail sale (legal); CDC 2010b
2010	Apr	UT	<i>Campylobacter</i> sp.	15		Raw cow milk; Ropelato Dairy; medium (~160 cows) raw milk dairy	Retail sale (legal); FSN 2010
2010	Feb-Mar	PA	<i>Campylobacter</i>	22	3	Raw cow milk; Pasture Maid; small, local raw milk dairy	Retail sale (legal); PDA 2010; CDC NORS 2012
2010	Feb	WA	<i>E. coli</i> O26:H11	6	0	Raw cow milk; Jackie's Jerseys; small, local grassfed	Farm and retail sale (legal); WDOH 2010b; CDC NORS 2012
2010	Feb	TN	<i>E. coli</i> O157:H7	3	0	Raw cow milk	CDC NORS 2012
2010	Feb-Mar	MI/IL/IN	<i>Campylobacter</i> sp.	25	0	Raw cow milk; Forest Grove Dairy; small (~75 Jerseys), grassfed raw milk dairy	Cowshare (legal, unregulated) and multi-state buyer's club (illegal interstate shipment); FDA 2010; CDC NORS 2012
2010	Jan	AZ	<i>Campylobacter</i> sp	15	1	Raw milk	CDC NORS 2012
2010	Jan	NY	<i>Campylobacter</i> sp.	20	1	Raw cow milk; Willow Marsh Farm; small, local pasture based raw milk dairy	Farm store; NYDOH 2010; CDC NORS 2012

Year	Month	State	Etiology	No. Ill	No. hospitalized	Source	Comments/references
2009	Sep	WA	<i>E. coli</i> O157:H7; O121	3	0	Raw whole milk	CDC NORS 2012
2009	Aug	WI	<i>Campylobacter jejuni</i>	52	1	Raw whole milk	CDC NORS 2012
2009	May	PA	<i>Campylobacter jejuni</i>	2	0	Raw whole milk	CDC NORS 2012
2009	Mar	UT	<i>Campylobacter jejuni</i>	10	0	Raw milk Mexican-style queso fresco cheese	CDC NORS 2012
2009	Mar	CO	<i>Campylobacter jejuni</i>	81	1	Raw whole milk from Kinikin Corner Dairy; grassfed small dairy	Cowshare; CDPHE 2009; CDC NORS 2012
2009	Jan	PA	<i>Campylobacter jejuni</i>	9	1	Raw whole milk	CDC NORS 2012
2008	Nov	ND	<i>Campylobacter jejuni</i>	3	0	Raw milk	CDC NORS 2012
2008	Aug	MN	<i>Campylobacter jejuni</i>	2	2	Raw milk	CDC NORS 2012
2008	Aug	PA	<i>Campylobacter jejuni</i>	65	1	Raw milk	CDC NORS 2012
2008	Aug	MN	<i>Campylobacter</i> sp.	2	0	Raw milk	CDC NORS 2012
2008	Aug	VT	<i>E. coli</i> O157:H7	6	3	Raw milk	CDC NORS 2012
2008	Jun	CT	<i>E. coli</i> O157:NM (H-)	14	5	Raw milk	CTDPH 2008; Guh 2010; CDC NORS 2012
2008	May	CA	<i>Campylobacter jejuni</i>	16	1	Raw milk	Cowshare; CDC NORS 2012
2008	Apr	MO	<i>E. coli</i> O157:H7	4	2	Raw goat milk	MDHSS 2008; CDC NORS 2012
2008	Apr	MA	<i>Campylobacter jejuni</i>	8	0	Raw milk	CDC NORS 2012
2008	Apr	OH	<i>Campylobacter jejuni</i>	3	1	Raw milk	CDC NORS 2012
2008	Apr	UT	<i>Campylobacter jejuni</i>	4	0	Raw milk	CDC NORS 2012
2008	Mar	ID	<i>Campylobacter coli</i>	5		Raw milk	CDC NORS 2012

Year	Month	State	Etiology	No. Ill	No. hospitalized	Source	Comments/references
2007	Dec	WA	<i>Campylobacter jejuni</i>	18	0	Raw milk	CDC NORS 2012
2007	Nov	CA	<i>Campylobacter jejuni</i>	11	0	Raw milk/colostrum	Retail sale; CDPH 2008a; CDC NORS 2012
2007	Oct	KS	<i>Campylobacter jejuni</i>	16	0	Raw milk and cheese	Donation to fair by local dairy; CDC 2009; CDC NORS 2012
2007	Sep	PA	<i>Campylobacter jejuni</i>	4	0	Raw milk	CDC NORS 2012
2007	Jul	GA	<i>Campylobacter jejuni</i>	8	0	Raw milk	CDC NORS 2012
2007	Jun	PA	<i>Salmonella</i> Typhimurium	13	1	Raw milk cheese	On-farm sale; CDC 2007b; CDC NORS 2012
2007	Apr	SC	<i>Campylobacter jejuni</i> ; <i>Salmonella</i> Give	11	4	Raw milk	CDC NORS 2012
2007	Apr	NY	<i>Campylobacter</i> sp.	2	1	Raw milk	CDC NORS 2012
2007	Mar	CA	<i>Brucella</i> sp.	3	1	Raw milk Mexican-style queso fresco cheese	CDC NORS 2012
2006	Nov	ID	<i>E. coli</i> O157:H7	4	0	Raw whole milk	CDC NORS 2012
2006	Sep	CA	<i>E. coli</i> O157:H7	6	3	Raw milk/colostrum	Retail sale; CDC 2008a; CDC NORS 2012
2006	Sep	CO	<i>Campylobacter</i> sp.	5	4	Raw whole milk	CDC NORS 2012
2006	Sep	WA	<i>E. coli</i> O157:H7	2	1	Raw whole milk	Retail sale; WDOH 2006; CDC NORS 2012
2006	Aug	PA	<i>Salmonella</i> Typhimurium	20	2	Raw milk Mexican-style queso fresco cheese	CDC NORS 2012
2006	Aug	KS	<i>Brucella</i> sp	5	3	Raw milk goat/chevre cheese	CDC NORS 2012
2006	May	WI	<i>Campylobacter jejuni</i>	58	2	Homemade raw milk cheese	CDC NORS 2012
2006	May	VA	<i>Campylobacter jejuni</i>	9	0	Raw milk	CDC NORS 2012
2006	Mar	IL	<i>Salmonella</i> Meleagridis; Newport	96	36	Raw milk Mexican-style queso fresco cheese	CDC 2008; CDC NORS 2012
2006	Feb	NY	<i>Campylobacter</i> sp.	2	0	Raw whole milk	CDC NORS 2012

Year	Month	State	Etiology	No. Ill	No. hospitalized	Source	Comments/references
2006	Jan	IL	<i>Campylobacter jejuni</i>	18	0	Raw whole milk	CDC NORS 2012
2006	Jan	OH	<i>Campylobacter</i> sp.	3	1	Raw whole milk	CDC NORS 2012
2005	Dec	CO	<i>Campylobacter jejuni</i>	22	0	Raw whole milk	CDC NORS 2012
2005	Nov	Multistate	<i>E. coli</i> O157:H7	18	5	Raw whole milk	Cowshare; CDC 2007a; Denny 2008; CDC NORS 2012
2005	Nov	CA	<i>Shigella</i> sp.	2		Raw milk Mexican-style queso fresco cheese	
2005	Nov	CO	<i>Campylobacter jejuni</i>	5	0	Raw whole milk	Cowshare; CDC NORS 2012
2005	Sep	CA	<i>Salmonella</i> Group B	12	2	Raw milk Mexican-style queso fresco cheese	CDC NORS 2012
2005	Sep	CA	<i>Salmonella</i> sp.	2		Raw milk Mexican-style queso fresco cheese	CDC NORS 2012
2005	Sep	CA	<i>Salmonella</i> Typhimurium	3		Raw milk Mexican-style queso fresco cheese	CDC NORS 2012
2005	Sep	UT	<i>Campylobacter jejuni</i>	11	0	Raw whole milk	CDC NORS 2012
2005	Sep	AZ	<i>Campylobacter jejuni</i>	13	1	Raw whole milk	CDC NORS 2012
2005	Jul	WY	<i>Campylobacter jejuni</i>	11	2	Raw whole milk	CDC NORS 2012
2005	Jun	TX	<i>Listeria monocytogenes</i>	12	12	Raw milk Mexican-style queso fresco cheese	CDC NORS 2012
2005	May	KS	<i>Campylobacter jejuni</i>	4	0	Raw whole milk	CDC NORS 2012
2005	May	IA	<i>Campylobacter jejuni</i>	33	0	Raw whole milk	CDC NORS 2012
2005	Apr	OK	<i>Campylobacter jejuni</i>	11	3	Raw goat milk	CDC NORS 2012
2005	Mar	WY	<i>Campylobacter jejuni</i>	3	0	Raw milk	CDC NORS 2012

Year	Month	State	Etiology	No. Ill	No. hospitalized	Source	Comments/references
2005	Feb	TX	<i>Brucella</i> sp.	2	2	Raw milk Mexican-style queso fresco cheese	CDC NORS 2012
2004	Nov	CA	<i>Salmonella</i> Typhimurium	12	1 (1 death)	Raw milk Mexican-style queso fresco cheese	CDC NORS 2012
2004	Jul	WY	<i>Campylobacter</i> sp.	6	1	Raw whole milk	CDC NORS 2012
2004	May	WA	<i>E. coli</i> O157:H7	3	2	Raw milk Mexican-style queso fresco cheese; restaurant	CDC NORS 2012
2004	Feb	IA	<i>Campylobacter jejuni</i>	32	0	Raw whole milk	CDC NORS 2012
2003	Oct	MI	<i>Campylobacter jejuni</i>	6	0	Raw milk; church/temple	CDC NORS 2012
2003	Oct	CA	<i>Campylobacter jejuni</i>	11	0	Raw milk Mexican-style queso fresco cheese	CDC NORS 2012
2003	Aug	CA	<i>Salmonella</i> Typhimurium	50	7	Raw milk Mexican-style queso fresco cheese	CDC NORS 2012
2003	May	WA	<i>Campylobacter jejuni</i> ; <i>E.coli</i> O157:H7	3	0	Raw milk	CDC NORS 2012
2003	Apr	VT	<i>Campylobacter jejuni</i>	18	0	Raw milk cheese	CDC NORS 2012
2003	Mar	WI	<i>Campylobacter jejuni</i>	2	0	Raw milk	CDC NORS 2012
2003	Feb	TX	<i>Listeria monocytogenes</i>	12	12 (1 death)	Raw milk Mexican-style queso fresco cheese	CDC NORS 2012
2002	Nov	OH	<i>Salmonella</i> Typhimurium	107	6	Raw milk; dairy-restaurant	CDC 2003; Mazurek 2004
2002	Sep	CA	<i>Campylobacter</i> sp.	12	0	Raw milk	CDC NORS 2012
2002	Apr	KS	<i>Campylobacter jejuni</i>	46	1	Raw milk	CDC NORS 2012
2002	Jan	UT	<i>Campylobacter jejuni</i>	13	0	Raw whole milk; high school athletic team dinner	Peterson 2003

Year	Month	State	Etiology	No. Ill	No. hospitalized	Source	Comments/references
2002	Jan	WA	<i>Campylobacter jejuni</i>	2	0	Raw whole milk; school	CDC NORS 2012
2001	Nov	NC	<i>E. coli</i> O157:H7	202	11	Raw milk	CDC NORS 2012
2001	Nov	WI	<i>Campylobacter jejuni</i>	75	0	Raw whole milk	Cowshare; CDC 2002
2001	Jul	CA	<i>Brucella</i> sp	4		Homemade raw milk cheese	CDC NORS 2012
2001	Apr	Multistate	<i>Salmonella</i> Newport	27	12	Raw milk cheese	CDC NORS 2012
2001	Mar	MN	<i>Campylobacter jejuni</i>	4	0	Raw whole milk	CDC NORS 2012
2000	Sep	NY	<i>Campylobacter jejuni</i>	39		Raw whole milk	CDC NORS 2012
2000	Nov	NC	<i>Listeria monocytogenes</i>	12		Raw milk Mexican-style queso fresco cheese	CDC NORS 2012
2000	Jun	ID	<i>Campylobacter jejuni</i>	42	1	Raw milk	CDC NORS 2012
2000	Jun	OK	<i>Campylobacter jejuni</i>	11	1	Raw milk	CDC NORS 2012
2000	Jun	MN	<i>Campylobacter</i> sp.	8	1	Raw milk	CDC NORS 2012
2000	May	WI	<i>Campylobacter jejuni</i>	19	0	Raw milk	CDC NORS 2012
2000	Apr	Multistate	<i>Campylobacter jejuni</i>	18	0	Homemade raw milk cheese	CDC NORS 2012
2000	Feb	OK	<i>Campylobacter jejuni</i>	21	2	Raw milk	CDC NORS 2012
2000	Feb	TX	<i>Campylobacter</i> sp.	2		Raw milk	CDC NORS 2012
2000	Feb	ID	<i>Campylobacter jejuni</i>	4	0	Raw whole milk	CDC NORS 2012
1999	Jun	WA	<i>Campylobacter</i> sp.	2		Raw milk	CDC NORS 2012

Year	Month	State	Etiology	No. Ill	No. hospitalized	Source	Comments/references
1998	Oct	MA	<i>Salmonella</i> Typhimurium	47	2	Raw milk	CDC NORS 2012
1998	Jul	NY	<i>Campylobacter</i> sp.	3		Raw milk	CDC NORS 2012
1998	Jul	SD	<i>Campylobacter jejuni</i>	6	1	Raw milk	CDC NORS 2012
1998	Jul	ME	<i>E. coli</i> O157:H7	2	2	Raw milk	CDC NORS 2012
1998	Jun	WI	<i>E. coli</i> O157:H7	63	24	Raw milk cheese curds	CDC 2000

REFERENCES

AKDOH. 2013b. Second outbreak of *Campylobacter* illness in 2013 associated with raw milk bacteria strain linked to cow-share dairy farm on the Kenai Peninsula. Available at: http://dhss.alaska.gov/News/Documents/press/2013/SecondCampyOutbreak_PR_05232013.pdf

AKDOH. 2013a. Alaska outbreak of *Campylobacter* illnesses traced to raw milk. Available at: http://dhss.alaska.gov/News/Documents/press/2013/Campyoutbreak_PR_02152013.pdf

AKDOH. 2011. Ongoing Raw Milk *Campylobacter* Outbreak — South-central Alaska, July 2011 Available at: http://www.epi.hss.state.ak.us/bulletins/docs/b2011_22.pdf

BCPH. 2010. Public health investigates raw milk outbreak. Epi Connection, September 2010. Available at: <http://www.bouldercounty.org/find/library/help/epiconsep10.pdf>

CDC. 2000. Outbreak of *Escherichia coli* O157:H7 Infection Associated With Eating Fresh Cheese Curds — Wisconsin, June 1998. MMWR Morb Mortal Wkly Rep 49:911-3.

CDC. 2001. From the Centers for Disease Control and Prevention. Outbreak of Listeriosis associated with homemade Mexican-style cheese—North Carolina, October 2000-January 2001. *Jama* 286:664-5.

CDC. 2002. Outbreak of *Campylobacter jejuni* infections associated with drinking unpasteurized milk procured through a cow-leasing program—Wisconsin, 2001. MMWR Morb Mortal Wkly Rep 51:548-9.

CDC. 2003. Multistate outbreak of *Salmonella* serotype typhimurium infections associated with drinking unpasteurized milk—Illinois, Indiana, Ohio, and Tennessee, 2002-2003. MMWR Morb Mortal Wkly Rep 52:613-5.

CDC. 2007a. *Escherichia coli* O157:H7 infection associated with drinking raw milk – Washington and Oregon. November – December 2005. MMWR Morb Mortal Wkly Rep 56:165-7.

CDC. 2007b. *Salmonella* typhimurium infection associated with raw milk and cheese consumption—Pennsylvania, 2007. MMWR Morb Mortal Wkly Rep 56:1161-4.

CDC. 2008a. *Escherichia coli* O157:H7 infections in children associated with raw milk and raw colostrum from cows—California, 2006. MMWR Morb Mortal Wkly Rep 57:625-8.

CDC. 2008b. Outbreak of multidrug-resistant *Salmonella enterica* serotype Newport infections associated with consumption of unpasteurized Mexican-style aged cheese—Illinois, March 2006–April 2007. MMWR Morb Mortal Wkly Rep 57:432-5.

CDC. 2009. *Campylobacter jejuni* Infection Associated with Unpasteurized Milk and Cheese — Kansas, 2007. MMWR Morb Mortal Wkly Rep 57:1377-9.

CDC 2010a. Investigation Update: Multistate Outbreak of *E. coli* O157:H7 Infections Associated with Cheese. Available at: <http://www.cdc.gov/ecoli/2010/cheese0157/>

CDC. 2010b. Notes from the field: *Salmonella* Newport Infections Associated with Consumption of Unpasteurized Milk --- Utah, April--June 2010. Available at: <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5926a6.htm>

CDC 2011. Foodborne Outbreak Online Database (FOOD). Available at: <http://wwwn.cdc.gov/foodborneoutbreaks/Default.aspx#>

CDC NORS. 2012. Centers for Disease Control and Prevention's (CDC) online foodborne disease outbreak database. Available at: <http://wwwn.cdc.gov/foodborneoutbreaks/>

CDFA. 2011. Organic Pastures raw milk recall announced by CDFA. Available at:
http://www.cdfa.ca.gov/egov/press_releases/Press_Release.asp?PRnum=11-064

CDFA. 2012a. CDFA announces recall of raw milk products at Organic Pastures of Fresno County. Available at:
http://www.cdfa.ca.gov/egov/press_releases/Press_Release.asp?PRnum=12-018.

CDFA. 2012b. CDFA announces recall of raw milk products at Claravale Farm of San Benito County. Available at:
http://www.cdfa.ca.gov/egov/Press_Releases/Press_Release.asp?PRnum=12-008

CDPH. 2008a. Cluster of *Campylobacter* infections possibly associated with raw dairy products. Available at:
<http://www.marlerblog.com/Cluster%20of%20Campylobacter%20infections.pdf>

CDPH. 2008b. Campylobacteriosis among persons consuming unpasteurized milk from a cow leasing program, Del Norte County, May-June 2008. Available at: <http://www.marlerblog.com/uploads/file/CDPH%20Report%20%28Tardiff%29.pdf>

CDPHE. 2009. *Campylobacter* Outbreak Associated with Consumption of Unpasteurized Milk from a Cow Share Operation, Montrose County 2009. Available at: <http://www.marlerblog.com/uploads/file/Montrose%20raw%20dairy%20report%20Final.pdf>

Chester County Press Release. Illnesses associated with raw milk. Available at: <http://chesco.org/DocumentCenter/View/9500>

CTDPH. 2008. Town Farm Dairy July 2008 Milkborne Illness Investigation. Final Report. Available at:
<http://www.marlerblog.com/uploads/file/Standish%20-%20Connecticut%20Dept%20of%20Ag%20Final%20Report.pdf>

DATCP/DHS. 2011. Racine County outbreak tied to raw milk consumption; 16 people sickened. Available at:
<http://wisbusiness.com/index.iml?Article=239824>

DCDOH. 2010. Dallas County salmonella case tied to consumption of raw milk. Available at:
<http://www.dallascounty.org/department/hhs/press/documents/041911RawMilk.pdf>

Denny, J., M. Bhat, and K. Eckmann. 2008. Outbreak of *Escherichia coli* O157:H7 associated with raw milk consumption in the Pacific Northwest. *Foodborne Pathog Dis* 5:321-8.

FDA. 2010a. Public health agencies warn of outbreaks related to drinking raw milk. Available at:
<http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm206311.htm>

www.realrawmilkfacts.com

FDA. 2010b. Consumers should not eat Sally Jackson cheese due to risk of *Escherichia coli* O157:H7. Available at: <http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm237381.htm>

FDA 2011a. Foodborne Outbreak Associated With Raw Milk From Tucker Adkins Dairy of York S.C. Available at: <http://www.prnewswire.com/news-releases/foodborne-outbreak-associated-with-raw-milk-from-tucker-adkins-dairy-of-york-sc-125693908.html>

FDA. 2011. Queso Fresco Cheese Investigation. Available at: <http://ag.utah.gov/news/QuesoFrescostatement.html>

FSN. 2011. Raw milk in Michigan linked to Q fever. Available at: <http://www.foodsafetynews.com/2011/06/raw-milk-in-michigan-causes-q-fever-outbreak/>

FSN 2012. Pennsylvania testing cows for Salmonella after raw milk outbreak. Available at: http://www.foodsafetynews.com/2012/12/pennsylvania-testing-cows-for-salmonella-over-raw-milk-illnesses/#disqus_thread

Guh, A., Q. Phan, R. Nelson, K. Purviance, E. Milardo, S. Kinney, P. Mshar, W. Kasacek, and M. Cartter. 2010. Outbreak of *Escherichia coli* O157 associated with raw milk, Connecticut, 2008. *Clin Infect Dis* 51:1411-7.

KCHD. 2013. KCHD and East Tennessee Regional Office provide update on raw milk investigation. http://static.ow.ly/docs/Media%20Statement%20e%20coli%20update%20Final_1F3Z.pdf.

KDA. 2012. Raw Milk Poses Risk. Available at: <http://www.ksda.gov/news/id/446>

MacDonald, P. D., R. E. Whitwam, J. D. Boggs, J. N. MacCormack, K. L. Anderson, J. W. Reardon, J. R. Saah, L. M. Graves, S. B. Hunter, and J. Sobel. 2005. Outbreak of listeriosis among Mexican immigrants as a result of consumption of illicitly produced Mexican-style cheese. *Clin Infect Dis* 40:677-82.

Mazurek, J., E. Salehi, D. Propes, J. Holt, T. Bannerman, L. M. Nicholson, M. Bundesen, R. Duffy, and R. L. Moolenaar. 2004. A multistate outbreak of *Salmonella* enterica serotype typhimurium infection linked to raw milk consumption—Ohio, 2003. *J Food Prot* 67:2165-70.

Longenberger AH, Palumbo AJ, Chu AK, Moll ME, Weltman A, Ostroff SM. 2012. *Campylobacter jejuni* Infections Associated With Unpasteurized Milk—Multiple States, *Clin Infect Dis*. 2013;26:26.

MDA/MDP. 2010a. Minnesota health officials identify more illnesses linked to raw milk. Available at: <http://www.health.state.mn.us/news/pressrel/2010/milk102810.html>

www.realrawmilkfacts.com

MDA/MDH. 2010b. Investigation into E. coli O157:H7 illnesses and Raw Milk Consumption from Hartmann farm. Available at: <http://www.health.state.mn.us/foodsafety/alert/ecoli0610.html>

MDH. 2013a. Twenty-five Salmonella illnesses now linked to homemade unpasteurized fresh cheese Available at: <http://www.health.state.mn.us/news/pressrel/2013/salmonella052013.html>

MDH. 2013b. Minnesota health officials identify illnesses linked to raw milk. Available at: <http://www.health.state.mn.us/news/pressrel/2013/rawmilk062513.html>

MDHMH. 2012. DHMD Confirm Presence of Campylobacter in Raw Milk from Pennsylvania Farm. Available at: <http://www.dhmm.maryland.gov/publicrelations/pr/Lists/Posts/Post.aspx?ID=188>

MDHHS. 2008. FOIA request. Available at: [http://www.marlerblog.com/uploads/file/Missouri%20HD%20Report%20\(Herb%20Depot\).pdf](http://www.marlerblog.com/uploads/file/Missouri%20HD%20Report%20(Herb%20Depot).pdf)

MDHSS. 2012. Update: Shiga Toxin-Producing *Escherichia coli* (STEC) Cases in Central Missouri. Available at: <http://health.mo.gov/emergencies/ert/alertsadvisories/pdf/update41312.pdf>

MDA. 2013. Homestead Creamery Artisan Cheese Removed from Store Shelves Available at: http://mda.mo.gov/news/2013/Homestead_Creamery_Artisan_Cheese_Removed_from_Store_Shelves

NYDOH. 2010. Campylobacter Contamination Found in Raw Milk. Available at: http://www.health.ny.gov/press/releases/2010/2010-01-29_campylobacter_contamination_in_raw_milk.htm

NYDOH. 2011. *Campylobacter* Contamination Found in Raw Milk. Available at: http://www.health.ny.gov/press/releases/2010/2010-01-29_campylobacter_contamination_in_raw_milk.htm

OHA. 2012. Summary of the Foundation Farm raw milk-associated *E. coli* O157:H7 outbreak. Available at: http://public.health.oregon.gov/DiseasesConditions/DiseasesAZ/ecoli/Documents/foundationfarm2012_outbreak.pdf

PDA. 2010. Pennsylvania Agriculture Department Suspends Raw Milk Sales Permit of Pasture Maid Creamery in Lawrence County. Available at: <http://www.prnewswire.com/news-releases/pennsylvania-agriculture-department-suspends-raw-milk-sales-permit-of-pasture-maid-creamery-in-lawrence-county-90216057.html>

PDA. 2013a. Consumers Warned to Discard Raw Milk Purchased from Franklin County Farm. Available at: <http://www.sys-con.com/node/2678149>

PDA. 2013b. Consumers Warned to Discard Raw Milk Purchased from Franklin County Farm. Available at: <http://www.agriculture.state.pa.us/portal/server.pt?open=18&objID=1353744&mode=2>.

Peterson, M. C. 2003. *Campylobacter jejuni* enteritis associated with consumption of raw milk. J Environ Health 65:20-1.

TDH. 2013. State analysis links cluster of illnesses to raw milk consumption. <http://news.tn.gov/node/11697>.

WDOH. 2006. *E. coli* outbreak connected to raw milk dairy in Whatcom County (press release). Available at: http://www.doh.wa.gov/Publicat/2006_news/06-154.htm

WDOH 2010a. Food Recalls and Safety Alerts (Jackie's Jerseys Dairy). Available at: <http://www.doh.wa.gov/ehp/food/recall.htm>

WDOH. 2010b. *E. coli* update: new illnesses point out potential raw milk hazards. Available at: http://www.doh.wa.gov/Publicat/2010_news/10-087.htm

WDOH. 2011. Cozy Vale Creamery recalls raw milk products because of possible health risk. Available at: <http://www.doh.wa.gov/ehp/food/rawmilk-cozyvale.pdf>

Last updated 10/24/2013