

Table. Outbreaks from Unpasteurized (Raw) Milk and non-Mexican Style Raw Milk Cheeses, United States, 1998-2011.*

Year	Month	State	Etiology	No. Ill	No. Hosp.	Source	Comments/References
2011	Aug-Nov	WA	<i>E. coli</i> O157:H7	3		Raw milk	Retail sale; WDOH 2011
2011	Aug-Oct	CA	<i>E. coli</i> O157:H7	5	3	Raw milk	Retail sale; CDFA 2011
2011	Sep	NY	<i>Campylobacter</i> sp.	5		Raw milk	Farm sale; NYDOH 2011
2011	Jul	NC	<i>Campylobacter</i> sp.	8		Raw milk	Retail sale; FDA 2011
2011	Jun	WI	<i>Campylobacter jejuni</i>	18		Raw milk	Parent brought milk to school; DATCP/DHS 2011
2011	Jun	MI	<i>Coxiella burnetii</i>	3		Raw milk	Cowshare; FSN 2011
2011	May-Jul	AK	<i>Campylobacter jejuni</i>	18		Raw milk	Cowshare; AKDOH 2011
2010	Dec	Multistate	<i>E. coli</i> O157:H7	8	1	Aged raw milk cheese	Retail sale; FDA 2010
2010	Nov	Multistate	<i>E. coli</i> O157:H7	38	15	Aged raw milk cheese	Retail sale; CDC 2010a
2010	Nov	TX	<i>Salmonella</i> sp.	4		Raw milk	Farm sale; DCDOH 2010
2010	Oct	MN	<i>Campylobacter</i> ; <i>Cryptosporidium</i>	7		Raw milk	Farm sale; MDA/MDH 2010a
2010	Jun	CO	<i>Campylobacter jejuni</i> ; <i>E. coli</i> O157:H7	30	2	Raw goat milk	Hershare; BCPH 2010
2010	May	WA	<i>E. coli</i> O157:H7	2		Raw milk	Retail sale; WDOH 2010a
2010	May	MN	<i>E. coli</i> O157:H7	8	1	Raw milk	Farm sale; MDA/MDH 2010b
2010	Apr	UT	<i>Salmonella</i> Newport	10		Raw milk	Retail sale; CDC 2010b
2010	Apr	UT	<i>Campylobacter</i> sp.	15		Raw milk	Retail sale; FSN 2010
2010	Mar	PA	<i>Campylobacter</i>	10	1	Raw milk	Retail sale; PDA 2010
2010	Feb	WA	Shiga toxin-producing <i>E. coli</i>	6		Raw Milk	Retail sale; WDOH 2010b
2010	Feb	Multistate	<i>Campylobacter</i> sp.	12		Raw milk	Cowshare; FDA 2010
2010	Jan	NY	<i>Campylobacter</i> sp.	5		Raw milk	Farm store; NYDOH 2010

DATA EXTRACTED FROM CDC'S FOODBORNE OUTBREAK ONLINE DATABASE, 1998-2009

2009	Sep	WA	<i>E. coli</i> O157:H7; O121	3	0	Raw whole milk	
2009	Aug	WI	<i>Campylobacter jejuni</i>	52	1	Raw whole milk	
2009	May	PA	<i>Campylobacter jejuni</i>	2	0	Raw whole milk	
2009	Mar	CO	<i>Campylobacter jejuni</i>	81	1	Raw whole milk	CDPHE 2009
2009	Jan	PA	<i>Campylobacter jejuni</i>	9	1	Raw whole milk	
2008	Nov	ND	<i>Campylobacter jejuni</i>	3	0	Raw milk	
2008	Aug	MN	<i>Campylobacter jejuni</i>	2	2	Raw milk	
2008	Aug	PA	<i>Campylobacter jejuni</i>	65	1	Raw milk	
2008	Aug	MN	<i>Campylobacter</i> sp.	2	0	Raw milk	
2008	Aug	VT	<i>E. coli</i> O157:H7	6	3	Raw milk	
2008	Jun	CT	<i>E. coli</i> O157:NM (H-)	14	5	Raw milk	
2008	May	CA	<i>Campylobacter jejuni</i>	16	1	Raw milk	
2008	Apr	MO	<i>E. coli</i> O157:H7	4	2	Raw goat milk	
2008	Apr	MA	<i>Campylobacter jejuni</i>	8	0	Raw milk	
2008	Apr	OH	<i>Campylobacter jejuni</i>	3	1	Raw milk	
2008	Apr	UT	<i>Campylobacter jejuni</i>	4	0	Raw milk	
2008	Mar	ID	<i>Campylobacter coli</i>	5		Raw milk	
2007	Dec	WA	<i>Campylobacter jejuni</i>	18	0	Raw milk	
2007	Nov	CA	<i>Campylobacter jejuni</i>	11	0	Raw milk/colostrum	Retail sale; CDPH 2008a
2007	Oct	KS	<i>Campylobacter jejuni</i>	16	0	Raw milk and cheese	Donation to fair by local dairy; CDC 2009
2007	Sep	PA	<i>Campylobacter jejuni</i>	4	0	Raw milk	
2007	Jul	GA	<i>Campylobacter jejuni</i>	8	0	Raw milk	
2007	Jun	PA	<i>Salmonella</i> Typhimurium	13	1	Raw milk cheese	On-farm sale; CDC 2007b
2007	Apr	SC	<i>Campylobacter jejuni</i> ; <i>Salmonella</i> Give	11	4	Raw milk	
2007	Apr	NY	<i>Campylobacter</i> sp.	2	1	Raw milk	
2006	Nov	ID	<i>E. coli</i> O157:H7	4	0	Raw whole milk	

2006	Sep	CA	<i>E. coli</i> O157:H7	6	3	Raw milk/colostrum	Retail sale; CDC 2008a
2006	Sep	CO	<i>Campylobacter</i> sp.	5	4	Raw whole milk	
2006	Sep	WA	<i>E. coli</i> O157:H7	2	1	Raw whole milk	Retail sale; WDOH 2006
2006	Aug	KS	<i>Brucella</i> sp	5	3	Raw milk goat/chevre cheese	
2006	May	WI	<i>Campylobacter jejuni</i>	58	2	Homemade raw milk cheese	
2006	May	VA	<i>Campylobacter jejuni</i>	9	0	Raw milk	
2006	Feb	NY	<i>Campylobacter</i> sp.	2	0	Raw whole milk	
2006	Jan	IL	<i>Campylobacter jejuni</i>	18	0	Raw whole milk	
2006	Jan	OH	<i>Campylobacter</i> sp.	3	1	Raw whole milk	
2005	Dec	CO	<i>Campylobacter jejuni</i>	22	0	Raw whole milk	
2005	Nov	Multistate	<i>E. coli</i> O157:H7	18	5	Raw whole milk	Cowshare; CDC 2007a; Denny 2008
2005	Nov	CO	<i>Campylobacter jejuni</i>	5	0	Raw whole milk	
2005	Sep	UT	<i>Campylobacter jejuni</i>	11	0	Raw whole milk	
2005	Sep	AZ	<i>Campylobacter jejuni</i>	13	1	Raw whole milk	
2005	Jul	WY	<i>Campylobacter jejuni</i>	11	2	Raw whole milk	
2005	May	KS	<i>Campylobacter jejuni</i>	4	0	Raw whole milk	
2005	May	IA	<i>Campylobacter jejuni</i>	33	0	Raw whole milk	
2005	Apr	OK	<i>Campylobacter jejuni</i>	11	3	Raw goat milk	
2005	Mar	WY	<i>Campylobacter jejuni</i>	3	0	Raw milk	
2004	Jul	WY	<i>Campylobacter</i> sp.	6	1	Raw whole milk	
2004	Feb	IA	<i>Campylobacter jejuni</i>	32	0	Raw whole milk	
2003	Oct	MI	<i>Campylobacter jejuni</i>	6	0	Raw milk	Church/temple
2003	May	WA	<i>Campylobacter jejuni</i> ; <i>E.coli</i> O157:H7	3	0	Raw milk	
2003	Apr	VT	<i>Campylobacter jejuni</i>	18	0	Raw milk cheese	
2003	Mar	WI	<i>Campylobacter jejuni</i>	2	0	Raw milk	
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	
2002	Apr	KS	<i>Campylobacter jejuni</i>	46	1	Raw milk	

2002	Jan	UT	<i>Campylobacter jejuni</i>	13	0	Raw whole milk	High school athletic team dinner; Peterson 2003
2002	Jan	WA	<i>Campylobacter jejuni</i>	2	0	Raw whole milk	
2001	Nov	NC	<i>E. coli</i> O157:H7	202	11	Raw milk	School
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	
2001	Apr	Multistate	<i>Salmonella</i> Newport	27	12	Raw milk cheese	
2001	Mar	MN	<i>Campylobacter jejuni</i>	4	0	Raw whole milk	
2000	Sep	NY	<i>Campylobacter jejuni</i>	39		Raw whole milk	Fair/festival
2000	Jun	ID	<i>Campylobacter jejuni</i>	42	1	Raw milk	Camp
2000	Jun	OK	<i>Campylobacter jejuni</i>	11	1	Raw milk	
2000	Jun	MN	<i>Campylobacter</i> sp.	8	1	Raw milk	
2000	May	WI	<i>Campylobacter jejuni</i>	19	0	Raw milk	
2000	Apr	Multistate	<i>Campylobacter jejuni</i>	18	0	Homemade raw milk cheese	
2000	Feb	OK	<i>Campylobacter jejuni</i>	21	2	Raw milk	
2000	Feb	TX	<i>Campylobacter</i> sp.	2		Raw milk	
2000	Feb	ID	<i>Campylobacter jejuni</i>	4	0	Raw whole milk	
1999	Jun	WA	<i>Campylobacter</i> sp.	2		Raw milk	
1998	Oct	MA	<i>Salmonella</i> Typhimurium	47	2	Raw milk	
1998	Jul	NY	<i>Campylobacter</i> sp.	3		Raw milk	
1998	Jul	SD	<i>Campylobacter jejuni</i>	6	1	Raw milk	
1998	Jul	ME	<i>E. coli</i> O157:H7	2	2	Raw milk	
1998	Jun	WI	<i>E. coli</i> O157:H7	63	24	Raw milk cheese curds	CDC 2000

*Table does **not** include outbreaks linked to Mexican-style raw milk cheese, or pasteurized dairy products cross-contaminated with raw milk during processing.

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