



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Centers for Disease Control and Prevention

Date: May 8, 2007

From: Enteric Diseases Epidemiology Branch
Division of Foodborne, Bacterial, and Mycotic Diseases, NCZVED/DFBMD

Subject: FOIA 06-0819

To: Pete Kennedy - Sarasota, Florida

Attached is a line list of outbreaks of foodborne illness reported to CDC's National Foodborne Outbreak Surveillance System from 1973 to 2005 associated with milk or milk products. The first line list contains outbreaks indicating milk was the contaminated ingredient or where milk or milk product was indicated as being the implicated food vehicle, excluding unpasteurized milk and cheese often made with unpasteurized milk.

The second line list includes foodborne outbreaks where unpasteurized milk or cheese often made from unpasteurized milk was indicated as being the implicated food.

Food vehicles identified are not necessarily confirmed with statistical or epidemiological evidence. All food vehicles identified by the reporting agency are listed in the line lists.

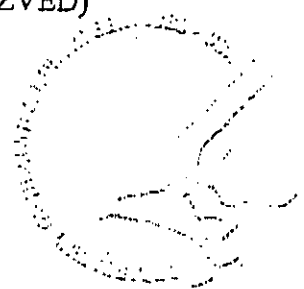
Division of Foodborne, Bacterial, and Mycotic Diseases
National Center for Zoonotic, Vector-Borne, and Enteric Diseases (NCZVED)

CERTIFIED TO BE A TRUE COPY OF THE ORIGINAL

Ola Di Gioia

Certifying Official

Date May 24, 2007





Office of the General Counsel
Public Health Division
CDC/ATSDR Branch
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Atlanta, Georgia 30333
(404) 639-7200

AFFIDAVIT

I, OLA DI GIOIA being first duly sworn, deposes and state as follows:

1. I am a Legal Technician in the Office of the General Counsel, Centers for Disease Control and Prevention (CDC), United States Department of Health and Human Services. I make this affidavit upon personal Knowledge, and where indicated, upon the basis of information Communicated to me by employees of the United States because of my Official position.
2. In my position, I am a custodian of and authorized to certify official records of the U.S. Department of Health and Human Services.
3. The attached records, imprinted with the official CDC seal, are true copies of official Records of CDC, an agency of the U. S. Department of Health and Human Services.
4. The document referred to above are part of the official records of the United States Department of Health and Human Services.

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I declare under penalty of perjury that the foregoing is to the best of my knowledge and belief true and correct.

Executed at Atlanta, Georgia



Ola Di Gioia
Ola Di Gioia

State of Georgia)

County of Dekalb)

Subscribed and sworn to before me this 24th day of
May, 2007.

Ceci Velasco
Notary Public

Ceci Velasco
My Comm. Expires October 17, 2010
Gwinnett County, Georgia

Foodborne outbreaks associated with unpasteurized milk and cheese often made with unpasteurized milk reported to CDC's National Foodborne Outbreak Surveillance System, 1973-2005 (N=87)

Year	Estimated Total	Food	Ingredient	Pathogen
1980	105	Raw goat milk	Not indicated	<i>Salmonella</i> Typhimurium
1980	22	Raw milk	Not indicated	<i>Salmonella</i> Dublin
1981	50	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1982	19	Raw milk	Not indicated	<i>Salmonella</i> Typhimurium; <i>Salmonella</i> Infantis
1982	16	Raw milk	Not indicated	<i>Campylobacter fetus</i> ; <i>Campylobacter jejuni</i>
1982	15	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1982	32	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1982	32	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1982	4	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1982	32	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1983	5	Raw milk	Not indicated	<i>Salmonella</i> Typhimurium
1983	57	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1983	4	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1983	5	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1983	6	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1983	11	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1983	2	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1983	16	Raw milk, unpasteurized	Not indicated	<i>Campylobacter jejuni</i>
1984	16	Raw milk	Not indicated	<i>Salmonella</i> Typhimurium
1984	27	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1985	2	Raw milk	Not indicated	<i>Salmonella</i> Newport
1985	23	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1985	5	Raw milk	Not indicated	<i>Campylobacter</i> unknown
1988	120	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1989	10	Raw goats milk	Not indicated	<i>Campylobacter jejuni</i>
1990	42	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1990	13	Raw milk	Not indicated	<i>Campylobacter</i> unknown
1990	5	Raw milk	Not indicated	Suspect <i>Escherichia coli</i> O157:H7

1990	2	Raw milk	Not indicated	Suspect <i>Salmonella</i> Typhimurium
1991	3	Raw goat's milk	Not indicated	<i>Campylobacter jejuni</i>
1992	6	Raw milk	Not indicated	<i>Escherichia coli</i> O157:H7
1992	50	Raw milk	Not indicated	<i>Campylobacter jejuni</i>
1992	11	Raw milk	Not indicated	<i>Campylobacter</i> unknown
1993	4	Raw milk	Not indicated	<i>Escherichia coli</i> O157:H7
1995	3	Raw, unpasteurized milk	Not indicated	<i>Salmonella</i> Typhimurium var Cope
1998	6	Other milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
1998	3	Other milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
1998	20	1% milk, unpasteurized	Milk	<i>Staphylococcus aureus</i>
1998	2	Other milk, unpasteurized	Milk	<i>Escherichia coli</i> O157:H7
1999	2	Other milk, unpasteurized	Not indicated	<i>Campylobacter</i> unknown
2000	19	Other milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2000	2	Other milk, unpasteurized	Milk	<i>Campylobacter</i> unknown
2000	11	Other milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2000	21	Other milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2000	39	Whole milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2000	12	Queso fresco, unspecified	Not indicated	<i>Listeria monocytogenes</i>
2000	8	Other milk, unpasteurized	Milk	<i>Campylobacter</i> other
2000	18	Homemade cheese, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2000	42	Other milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2000	4	Whole milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2001	202	Other milk, unpasteurized	Not indicated	<i>Escherichia coli</i> O157:H7
2001	75	Whole milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2001	4	Whole milk, unpasteurized	Not indicated	<i>Campylobacter jejuni</i>
2001	1	Whole milk, unpasteurized	Not indicated	Suspect <i>Escherichia coli</i> O157:H7
2001	4	Homemade cheese, unpasteurized	Milk	<i>Brucella</i> spp
2001	38	Queso fresco, unspecified	Milk	<i>Salmonella</i> Newport
2001	27	Multiple cheeses, unpasteurized	Milk	<i>Salmonella</i> Newport
2002	2	Whole milk, unpasteurized	Not indicated	<i>Campylobacter jejuni</i>
2002	46	Other milk, unpasteurized	Not indicated	<i>Campylobacter jejuni</i>
2002	13	Whole milk, unpasteurized	Not indicated	<i>Campylobacter jejuni</i>

2002	12	Other milk, unpasteurized	Milk	<i>Campylobacter</i> unknown
2002	107	Other milk, unpasteurized	Milk	<i>Salmonella</i> Typhimurium
2003	2	Other milk, unpasteurized	Not indicated	Suspect <i>Campylobacter jejuni</i>
2003	18	Other cheese, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2003	11	Queso fresco, unspecified	Not indicated	Suspect <i>Campylobacter</i> unknown
2003	6	Other milk, unpasteurized	Not indicated	<i>Campylobacter jejuni</i>
2003	3	Other milk, unpasteurized	Not indicated	<i>Campylobacter jejuni</i> , <i>Escherichia coli</i> O157:H7
2003	12	Queso fresco, unpasteurized	Cheese	<i>Listeria monocytogenes</i>
2003	50	Queso fresco, unspecified	Cheese	<i>Salmonella</i> Typhimurium
2003	12	Queso fresco, unpasteurized	Milk	<i>Salmonella</i> Typhimurium
2004	32	Whole milk, unpasteurized	Not indicated	<i>Campylobacter jejuni</i>
2004	3	Queso fresco, unpasteurized	Not indicated	<i>Escherichia coli</i> O157:H7
2004	6	Whole milk, unpasteurized	Not indicated	<i>Campylobacter</i> unknown
2005	11	Whole milk, unpasteurized; goat milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2005	3	Other milk, unpasteurized	Not indicated	<i>Campylobacter jejuni</i>
2005	4	Whole milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2005	33	Whole milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2005	11	Whole milk, unpasteurized	Not indicated	Suspect <i>Campylobacter jejuni</i>
2005	13	Whole milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2005	5	Whole milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2005	22	Whole milk, unpasteurized	Milk	<i>Campylobacter jejuni</i>
2005	12	Queso fresco, unspecified	Milk	Suspect <i>Salmonella</i> Typhimurium
2005	3	Queso fresco	Milk	Suspect <i>Salmonella</i> Typhimurium
2005	2	Queso fresco	Milk	Suspect <i>Shigella</i> unknown
2005	18	Whole milk, unpasteurized	Milk	<i>Escherichia coli</i> O157:H7
2005	12	Queso fresco, unpasteurized	Not indicated	<i>Listeria monocytogenes</i>
2005	2	Queso fresco, unpasteurized	Not indicated	<i>Brucella</i> spp

Foodborne outbreaks associated with milk, excluding unpasteurized milk and cheese often made with unpasteurized milk, reported to CDC's National Foodborne Outbreak Surveillance System, 1973-2005 (N=47)

Year	Estimated Total	Food	Ingredient	Pathogen
1973	22	Milk	Not indicated	<i>Salmonella</i> Dublin
1974	3	Milk	Not indicated	<i>Salmonella</i> Dublin
1974	15	Milk	Not indicated	<i>Staphylococcus aureus</i>
1975	47	Milk	Not indicated	<i>Salmonella</i> Newport
1976	286	Milk	Not indicated	<i>Yersinia enterocolitica</i>
1978	66	Milk	Not indicated	<i>Salmonella</i> Typhimurium var Cope
1980	8	Milk	Not indicated	<i>Salmonella</i> Derby
1980	106	Milk	Not indicated	<i>Campylobacter</i> unknown
1981	2	Milk	Not indicated	<i>Salmonella</i> Saintpaul
1981	7	Milk	Not indicated	<i>Salmonella</i> Group B
1981	17	Milk	Not indicated	<i>Salmonella</i> Dublin
1981	14	Milk	Not indicated	<i>Campylobacter jejuni</i>
1981	190	Milk	Not indicated	<i>Campylobacter jejuni</i>
1981	25	Milk	Not indicated	<i>Campylobacter jejuni</i>
1981	103	Milk	Not indicated	<i>Campylobacter jejuni</i>
1981	1000	Milk	Not indicated	Suspect <i>Staphylococcus aureus</i>
1982	172	Pasteurized milk	Not indicated	<i>Yersinia enterocolitica</i>
1982	46	Milk	Not indicated	<i>Campylobacter jejuni</i>
1983	61	Milk	Not indicated	<i>Campylobacter jejuni</i>
1983	69	Pasteurized milk	Not indicated	<i>Listeria</i>
1985	16659	Milk	Not indicated	<i>Salmonella</i> Typhimurium
1985	20	Milk	Not indicated	Other chemical
1986	87	Milk	Not indicated	<i>Campylobacter jejuni</i>
1989	50	Milk	Not indicated	<i>Salmonella</i> Typhimurium
1991	37	Choc. Milk	Not indicated	<i>Salmonella</i> Typhimurium
1992	23	Milk	Not indicated	<i>Campylobacter jejuni</i>
1993	3	Powdered milk prod	Not indicated	<i>Salmonella</i> Tennessee
1994	69	Chocolate milk	Not indicated	<i>Listeria monocytogenes</i>

1994	18	Milk	Not indicated	<i>Escherichia coli</i> O104:H21
1995	19	Chocolate milk	Not indicated	<i>Salmonella</i> unknown
1996	29	Milk	Not indicated	<i>Campylobacter jejuni</i>
1998	58	Chile relleno, unspecified	Milk	<i>Salmonella</i> Enteritidis
1998	47	Other milk, unspecified	Not indicated	<i>Salmonella</i> Typhimurium
1999	2	Milkshake	Not indicated	Suspect <i>Staphylococcus aureus</i>
2000	3	Other milk, pasteurized	Not indicated	<i>Campylobacter jejuni</i>
2000	2	Blue cheese dressing	Milk	Suspect <i>Staphylococcus aureus</i>
2001	8	Milkshake	Not indicated	Hepatitis A
2001	38	Cream, unspecified	Milk	<i>Salmonella</i> Newport
2002	1	Cream, pasteurized	Milk	Suspect Other chemical
2002	52	Whole milk, pasteurized	Not indicated	Suspect <i>Calicivirus norovirus</i>
2002	7	Chocolate milk, pasteurized	Milk	Other chemical
2002	116	2% milk, pasteurized	Not indicated	<i>Salmonella</i> Typhimurium
2003	45	Cake, tres leches	Milk	Suspect <i>Staphylococcus aureus</i>
2003	7	Milkshake	Not indicated	Suspect Other chemical
2004	100	Other milk, pasteurized	Not indicated	<i>Salmonella</i> Newport
2005	200	1% milk, pasteurized	Milk	<i>Campylobacter jejuni</i>
2005	11	Milk/cream	Milk	<i>Campylobacter jejuni</i>