

Outbreaks Tied to FDA-Regulated Foods, 1990-2003

Seafood						
Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
White fish	Anisakiasis	14	CA	2	1999	1
Seafood corn chowder	B. cereus	2	OH	12	1997	1
Seafood salad	B. cereus	166	NY	8	1993	1
Salmon	B. cereus	3	PA	4	2000	1
Shrimp	B. cereus	118	WV	12	1998	1
Conch salad	B. cereus (sus.)	26	PR	5	1990	1
Salmon; sauce	B. cereus (sus.)	61	WA	1	1999	1
Salmon	B. cereus (sus.)	6	WA	12	1999	1
Mahi mahi	B. cereus (sus.), C. perfringens (sus.)	3	CA	7	2001	1
Fermented white fish	C. botulinum	2	AK	11	1993	1
Salmon eggs	C. botulinum	4	AK	8	1992	1
Other fish	C. botulinum	2	AK	7	1994	1
Clam chowder stock	C. botulinum	2	CA	6	1994	1
Salmon heads	C. botulinum	5	AK	7	1991	1
Salt-cured moloha	C. botulinum	5	NJ	5	1992	1
Home-canned tuna; home-canned olives	C. botulinum	2	CA	9	1993	1
Fermented white fish	C. botulinum	2	AK	6	1994	1
Salmon eggs	C. botulinum	2	AK	6	1991	1
Dried fish	C. botulinum	3	AK	10	1990	1
Home-canned tuna	C. botulinum	3	CA	10	1998	1
Fish	C. botulinum	3	AK	6	1998	1
White fish	C. botulinum	2	AK	2	1996	5
Stinkheads	C. botulinum	2	AK	6	1997	5
Stinkheads	C. botulinum	3	AK	8	1997	1
Stink heads	C. botulinum	2	AK	8	1997	5
White fish	C. botulinum	2	AK	7	2001	1
Surgeon	C. botulinum	3	HI	7	1990	1
Fermented fish eggs	C. botulinum	4	AK	9	1990	1
Salmon eggs	C. botulinum	3	AK	9	1991	1
Whale (sus.)	C. botulinum (sus.)	2	AK	7	1990	1
Tuna salad	C. jejuni	82	WI	7	1995	1
Raw oysters	C. jejuni	2	WA	11	1998	1
Shrimp creole	C. perfringens	45	MD	3	1993	1
Fish eggs	C. perfringens	2	AK	8	2001	1
Tuna salad (sus.)	C. perfringens	52	MI	3	1992	9
Pickled shrimp	C. perfringens	57	CT	3	1995	1
Shrimp creole	C. perfringens	5	WI	4	1994	1
Other fish	C. perfringens	25	MN	12	1996	1
Crawfish; eggplant dressing; cornbread dressing	C. perfringens	204	LA	6	1998	1
Shrimp	C. perfringens (sus.)	22	IN	5	1997	1
Clam chowder	C. perfringens (sus.)	6	NJ	11	1991	10
Grouper	C. perfringens (sus.)	2	FL	12	1999	1
Sushi	C. perfringens, B. cereus	7	CA	4	2001	1
Shrimp; water	Campylobacter spp.	32	MN	11	1993	1
Shellfish (sus.)	Campylobacter spp.	4	FL	11	1997	1
Raw salmon; raw tuna	Campylobacter spp. (sus.)	3	FL	1	1998	1
Wahoo	Chemical (sus.)	5	IL	7	1999	1
Tuna	Chemical (sus.)	8	WA	11	1999	1
Goat fish	Ciguatoxin	2	HI	8	1997	1
Multiple fish	Ciguatoxin	5	HI	8	2000	1
Shellfish	Ciguatoxin	3	FL	9	1997	2
Grey snapper	Ciguatoxin	3	HI	9	1997	1
Shellfish	Ciguatoxin	2	FL	6	1997	2
Snapper	Ciguatoxin	6	FL	8	2000	1
Jack fish	Ciguatoxin	7	FL	6	2000	1
Trigger	Ciguatoxin	2	HI	7	1997	1
Rock cod	Ciguatoxin	3	HI	1	1997	1
Tiger grouper	Ciguatoxin	3	FL	9	1997	1
Surgeon	Ciguatoxin	12	HI	9	1997	12
Surgeon	Ciguatoxin	2	HI	9	1997	1
Surgeon	Ciguatoxin	2	HI	9	1997	1
Kole	Ciguatoxin	2	HI	5	2000	1
Grouper	Ciguatoxin	4	FL	8	2000	1
Seabass	Ciguatoxin	2	HI	7	2000	1
Hog fish	Ciguatoxin	2	FL	6	1997	1
Grouper	Ciguatoxin	6	FL	5	1997	1
Hog fish	Ciguatoxin	4	MN	5	1997	1
Hog fish	Ciguatoxin	2	FL	5	1997	1
Grouper; seabass	Ciguatoxin	2	FL	7	2000	1
Snapper	Ciguatoxin	2	HI	12	1998	1
Kole	Ciguatoxin	4	HI	8	1999	1
Manini; kole	Ciguatoxin	4	HI	7	1999	1
Grouper	Ciguatoxin	2	HI	5	1999	1
Grouper	Ciguatoxin	2	HI	4	1999	1
Goat (weke)	Ciguatoxin	2	HI	2	1999	1

Seafood

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Barracuda	Ciguatoxin	2	MA	3	1999	1
Amberjack and mahi mahi	Ciguatoxin	15	FL	11	1999	1
Papio	Ciguatoxin	3	HI	1	1999	1
Parrot fish	Ciguatoxin	2	HI	5	1999	1
Seabass	Ciguatoxin	2	HI	3	1999	1
Fish	Ciguatoxin	4	HI	11	1997	1
Barracuda	Ciguatoxin	6	FL	5	1998	1
Surgeon	Ciguatoxin	2	HI	9	1998	1
Dolphin	Ciguatoxin	4	FL	5	2000	1
Scrod	Ciguatoxin	8	CA	5	1998	1
Parrot fish fish	Ciguatoxin	3	HI	6	1998	1
Grouper	Ciguatoxin	3	HI	1	1998	1
Goat (weke)	Ciguatoxin	2	HI	5	1998	1
Fish eggs	Ciguatoxin	6	HI	10	1998	1
Fish	Ciguatoxin	2	HI	7	1998	1
Fish	Ciguatoxin	2	HI	3	1998	1
Barracuda	Ciguatoxin	4	MA	7	1998	1
Ulua head soup	Ciguatoxin	4	HI	3	2000	1
Barracuda	Ciguatoxin	4	HI	11	1998	1
Snapper	Ciguatoxin	4	FL	5	2000	1
Grouper	Ciguatoxin	4	HI	1	2000	1
Lethrinus	Ciguatoxin	4	HI	8	1993	1
Barracuda	Ciguatoxin	4	FL	2	1996	1
King	Ciguatoxin	8	FL	6	1992	1
Amberjack	Ciguatoxin	6	FL	2	1993	1
Black poka	Ciguatoxin	5	HI	9	1993	1
Blue spotted grouper	Ciguatoxin	3	HI	4	1993	1
Ulua	Ciguatoxin	3	HI	7	1991	1
Grey snapper	Ciguatoxin	2	HI	7	1993	1
Steamed roi bass	Ciguatoxin	10	HI	4	1991	1
Rock cod	Ciguatoxin	5	CA	11	1993	1
Sea bass	Ciguatoxin	2	HI	5	1993	1
Sea bass	Ciguatoxin	2	HI	5	1993	1
Sea bass	Ciguatoxin	4	HI	9	1993	1
Shark	Ciguatoxin	3	FL	5	1993	1
Surgeon	Ciguatoxin	2	HI	8	1993	1
Blue spotted grouper	Ciguatoxin	4	HI	6	1993	1
Sea bass	Ciguatoxin	5	HI	1	1990	1
Barracuda	Ciguatoxin	11	HI	8	1990	1
Barracuda	Ciguatoxin	2	HI	11	1990	1
Grey snapper	Ciguatoxin	3	HI	9	1990	1
Mackerel	Ciguatoxin	5	PR	6	1990	1
Mu fish	Ciguatoxin	5	HI	12	1990	1
Grouper	Ciguatoxin	7	CA	3	1992	9
Roi	Ciguatoxin	2	HI	9	1990	1
Barracuda	Ciguatoxin	2	DC	8	1994	1
Sea bass	Ciguatoxin	5	HI	11	1990	1
Amberjack	Ciguatoxin	20	FL, AL	8	1991	1
Jack	Ciguatoxin	5	HI	9	1991	1
Kole	Ciguatoxin	5	HI	8	1991	1
Multiple fish	Ciguatoxin	4	HI	9	1991	1
Snapper	Ciguatoxin	3	HI	6	1991	1
Mullet	Ciguatoxin	4	CA	3	1990	1
Hog snapper	Ciguatoxin	4	FL	8	1996	1
Ulua	Ciguatoxin	2	HI	8	1995	1
Ulua	Ciguatoxin	2	HI	9	1995	1
Grouper soup	Ciguatoxin	2	HI	7	1995	1
Amberjack	Ciguatoxin	2	FL	2	1996	1
Multiple fish	Ciguatoxin	2	HI	10	2000	1
Ulua	Ciguatoxin	2	HI	8	1993	1
Grouper	Ciguatoxin	2	FL	10	1996	1
Papio	Ciguatoxin	2	HI	3	1995	1
Steamed wahahui	Ciguatoxin	5	HI	4	1996	1
Trigger	Ciguatoxin	5	HI	2	1996	1
Ulua	Ciguatoxin	4	HI	5	1996	1
Moray eel	Ciguatoxin	4	HI	7	1996	1
Amberjack	Ciguatoxin	3	FL	1	1997	1
Barracuda	Ciguatoxin	3	FL	2	1997	1
Grouper	Ciguatoxin	2	FL	9	1996	1
Ulua jack	Ciguatoxin	3	HI	6	1994	1
Barracuda	Ciguatoxin	17	TX	10	1997	1
Barracuda	Ciguatoxin	10	FL	10	1994	1
Kumu	Ciguatoxin	2	HI	6	1994	1
Other fish	Ciguatoxin	2	FL	5	1994	1
Sea bass	Ciguatoxin	2	HI	6	1994	1
Ulua	Ciguatoxin	17	HI	5	1994	1
Parrot fish	Ciguatoxin	2	HI	9	1995	1
Ulua jack	Ciguatoxin	2	HI	5	1994	1

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Papio	Ciguatoxin	5	HI	6	1995	10
Seabass soup	Ciguatoxin	4	HI	5	1994	1
False parrot fish	Ciguatoxin	2	HI	3	1995	1
Goat fish	Ciguatoxin	5	HI	1	1995	1
Golden perch	Ciguatoxin	3	HI	8	1995	1
Grouper	Ciguatoxin	2	HI	12	1995	1
Barracuda	Ciguatoxin	6	OH	8	1994	1
Ulua jack	Ciguatoxin	4	HI	4	1994	1
Fish	Ciguatoxin	4	HI	4	2001	1
Kole	Ciguatoxin	4	HI	7	2001	1
Fish; weke (goatfish)	Ciguatoxin	3	HI	7	2001	1
Mullett	Ciguatoxin	2	HI	7	2001	1
Barracuda	Ciguatoxin	2	RI	6	2001	1
Kole	Ciguatoxin	2	HI	6	2001	1
Snapper	Ciguatoxin	2	HI	11	2001	1
Papio	Ciguatoxin	2	HI	5	2001	1
Fish	Ciguatoxin	4	HI	4	2001	1
Grouper	Ciguatoxin	11	FL	10	2001	1
Fish	Ciguatoxin	4	OR	7	2001	1
Eel	Ciguatoxin	3	HI	9	2001	1
Surgeon fish	Ciguatoxin	2	HI	4	2001	1
Roi fish	Ciguatoxin	3	HI	4	2001	1
Grouper	Ciguatoxin	4	CA	8	2001	1
Kole	Ciguatoxin	2	HI	9	2001	1
Grouper	Ciguatoxin	2	HI	9	2001	1
Kingfish	Ciguatoxin	2	FL	9	2001	1
Grouper	Ciguatoxin	6	CO	9	2001	1
Amberjack	Ciguatoxin	18	FL	7	1998	1
Kingfish	Ciguatoxin	7	FL	8	2001	10
Gray snapper	Ciguatoxin	2	HI	9	2001	1
Kole	Ciguatoxin	3	HI	7	2001	1
Papio	Ciguatoxin	3	HI	12	2001	1
Grouper	Ciguatoxin	3	FL	9	2001	1
Grouper	Ciguatoxin (sus.)	10	FL	7	1998	1
Papio	Ciguatoxin (sus.)	5	HI	4	1998	10
Fish	Ciguatoxin (sus.)	3	HI	7	1998	10
Palani	Ciguatoxin (sus.)	2	HI	9	1998	10
Opakapaka	Ciguatoxin (sus.)	2	HI	6	1998	10
Omilu	Ciguatoxin (sus.)	2	HI	3	1998	10
Kumu	Ciguatoxin (sus.)	2	HI	10	1998	10
Beef (sus.)	Ciguatoxin (sus.)	2	HI	5	1991	1
Grouper; snapper	Ciguatoxin (sus.)	2	FL	8	1998	1
Jack (sus.)	Ciguatoxin (sus.)	4	HI	6	1992	1
Barracuda	Ciguatoxin (sus.)	4	FL	9	2001	1
Barracuda	Ciguatoxin (sus.)	2	HI	9	1998	10
Multiple foods	Ciguatoxin (sus.)	2	HI	3	2000	1
Steamed parrot fish (sus.)	Ciguatoxin (sus.)	2	HI	10	1990	1
Jack (sus.)	Ciguatoxin (sus.)	2	HI	5	1991	1
Kole	Ciguatoxin (sus.)	2	HI	10	1998	10
Wahanui	Ciguatoxin (sus.)	3	HI	11	1998	1
Grey snapper (sus.)	Ciguatoxin (sus.)	3	HI	8	1995	1
Papio	Ciguatoxin (sus.)	4	HI	9	1993	1
Sea bass	Ciguatoxin (sus.)	3	HI	8	1993	1
Wahanui	Ciguatoxin (sus.)	4	HI	9	1993	1
Multiple fish	Ciguatoxin (sus.)	2	HI	12	2000	1
Seabass	Ciguatoxin (sus.)	2	HI	11	2000	1
Papio	Ciguatoxin (sus.)	2	HI	6	1998	10
Wahanui	Ciguatoxin (sus.)	2	HI	12	1998	10
Roi	Ciguatoxin (sus.)	3	HI	1	1998	10
Ulua	Ciguatoxin (sus.)	5	HI	8	1998	10
Uhu	Ciguatoxin (sus.)	3	HI	6	1998	10
Roi	Ciguatoxin (sus.)	6	HI	10	1998	10
Unknown fish	Ciguatoxin (sus.)	3	HI	3	1992	1
Surgeon (sus.)	Ciguatoxin (sus.)	2	HI	9	1992	1
Palani	Ciguatoxin (sus.)	2	HI	5	1998	10
Weke	Ciguatoxin (sus.)	3	HI	2	1998	10
Grouper	Ciguatoxin (sus.)	8	SC	7	2000	1
Grouper	Ciguatoxin (sus.)	2	FL	7	2000	1
Table bass	Ciguatoxin (sus.)	2	HI	3	1994	1
Ulua	Ciguatoxin (sus.)	2	HI	5	2001	1
Multiple fish	Ciguatoxin (sus.)	3	HI	9	2000	1
Surgeon fish	Ciguatoxin (sus.)	2	HI	8	2000	1
Shrimp dishes	E. coli (EAggEC)	12	LA	5	1998	1
Noodles with shrimp	E. coli O157:H7	3	WA	7	1994	11
Fish	E. coli O157:H7	3	WA	4	1995	11
Shrimp	E. coli O157:H7 (sus.)	21	MN	11	1995	1
Ahi	Finfish	3	HI	9	2001	1
Oysters	G. lamblia	3	WA	4	1998	1

Seafood

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Buffalo	Haff disease	4	CA	3	1997	6
Buffalo	Haff disease	2	MO	6	1997	6
Weke	Hallucinogenic fish toxin (sus.)	2	HI	5	1998	10
Yellow weke	Hallucinogenic fish toxin (sus.)	2	HI	12	1998	10
Crab legs	Hepatitis A	8	AK	12	2000	10
Tuna, crab salad (sus.)	Hepatitis A	15	FL	6	1994	1
Escalore	Histamine	5	OH	4	2001	1
Tuna dishes	Histamine	3	IA	12	1999	1
Escalore	Histamine	7	MI	4	2001	1
Escalore	Histamine	2	CA	4	2001	1
Escalore	Histamine	9	MI	4	2001	1
Ahi	Histamine	2	HI	5	2001	1
Blue marlin	Histamine	6	NJ	11	2001	1
Tuna	Histamine	16	HI	2	2000	1
Ahi	Histamine	5	HI	11	2001	1
Escalore	Histamine	6	WA	7	2001	1
Mahi mahi	Histamine	2	CA	8	2000	1
Ahi	Histamine	4	PA	12	2001	1
Mahi mahi	Histamine (sus.)	3	FL	7	2001	1
Small clams; welks	Neurotoxic shellfish poison	3	FL	8	1996	1
Shrimp	Neurotoxic shellfish poison	2	FL	3	2001	1
Seafood chowder	Neurotoxic shellfish poison (sus.)	2	FL	11	2001	1
Lapas; limpets	Norovirus	46	MA; RI	2	1994	1
Raw oysters	Norovirus	45	FL	11	1993	1
Oysters	Norovirus	493	AL, FL, GA, LA	12	1996	1
Raw oysters	Norovirus	200	6	11	1993	6
Shrimp salad	Norovirus	20	FL	5	2001	1
Oysters	Norovirus	75	FL, LA, MI, GA	2	1996	
Steamed oysters; roasted oysters	Norovirus	60	FL, GA	12	1994	
Raw oysters	Norovirus	32	CA	3	2001	1
Oysters	Norovirus	171	CA	5	1998	1
Oysters	Norovirus	131	FL	12	1994	
Fish	Norovirus	37	FL	4	1997	1
Raw oysters	Norovirus	14	MN	3	2001	1
Raw oysters	Norovirus	28	MA	3	2001	1
Raw oysters	Norovirus	8	CA	3	2001	1
Raw oysters	Norovirus	3	WA	1	2001	1
Crab dishes	Norovirus	16	OH	5	1999	1
Oysters	Norovirus	18	FL	1	2000	12
Raw tuna	Norovirus	6	CA	7	2000	1
Raw oysters	Norovirus	9	FL	2	2001	1
Raw oysters	Norovirus	30	GA	9	2001	1
Raw oysters	Norovirus	20	FL	1	2000	1
Tuna salad	Norovirus	50	CA	10	2000	1
Raw oysters	Norovirus	3	OH	11	2000	1
Crab salad	Norovirus	16	MI	12	2000	1
Raw oysters	Norovirus	5	WA	11	2001	1
Sushi	Norovirus	6	CA	10	2001	1
Shrimp dishes	Norovirus	43	OR	7	1999	1
Oysters	Norovirus	14	FI	1	1997	10
Shellfish	Norovirus	3	FL	1	1997	1
Shrimp salad	Norovirus	67	MD	12	2001	1
Raw oysters	Norovirus (sus.)	4	CA	8	2001	1
Raw oysters	Norovirus (sus.)	2	FL	2	2001	1
Raw oysters	Norovirus (sus.)	2	FL	2	2001	1
Shrimp salad	Norovirus (sus.)	23	FL	5	2001	1
Raw oysters	Norovirus (sus.)	4	FL	4	1999	1
Raw oysters	Norovirus (sus.)	6	FL	4	1999	1
Raw oysters; hot sauce	Norovirus (sus.)	5	LA	11	1999	1
Raw oysters	Norovirus (sus.)	9	OR	12	1998	1
Oysters	Norovirus (sus.)	135	FL	1	1995	1
Orange roughy	Norovirus (sus.)	33	IL	5	1990	1
Raw oysters	Norovirus (sus.)	13	LA	1	2001	1
Shrimp cocktail	Norovirus (sus.)	29	MN	12	1999	1
Seafood salad	Norovirus (sus.)	19	FL	10	1998	1
Tuna salad	Norovirus (sus.)	14	CA	12	2001	1
Tuna salad, bagel	Norovirus (sus.)	38	CA	11	1999	1
Raw oysters; sushi	Norovirus (sus.)	12	CO	2	2001	1
Tuna croissant	Norovirus (sus.)	13	FL	9	2001	1
Crab	Other chemical (sus.)	2	FL	12	2000	1
White fish	Other chemical (sus.)	2	FL	8	1998	1
Shrimp; lobster	Other viral (sus.)	3	FL	12	1998	1
Papio	Paralytic shellfish poisoning (sus.)	3	HI	3	1999	1
Blue mussels	Paralytic shellfish poisoning	8	MA	5	1990	1
Butter clams; mussels	Paralytic shellfish poisoning	16	AK	5	1990	1
Clams	Paralytic shellfish poisoning	7	AK	4	1995	1
Shellfish	Paralytic shellfish poisoning	2	AK	6	1997	1
Butter clams	Paralytic shellfish poisoning	6	AK	6	1991	1

Seafood

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Razor clams	Paralytic shellfish poisoning	29	WA	11	1991	1
Clams	Paralytic shellfish poisoning	2	AK	11	1997	10
Mussels	Paralytic shellfish poisoning	2	WA	8	2000	1
Shellfish	Paralytic shellfish poisoning	7	AK	3	1994	1
Mussels	Paralytic shellfish poisoning	6	AK	6	1994	1
Mussels	Paralytic shellfish poisoning	2	AK	5	1994	9
Steamed mussels	Paralytic shellfish poisoning	4	WA	8	2000	1
Mussels	Paralytic shellfish poisoning	2	AK	6	1997	1
Mussels	Paralytic shellfish poisoning	2	AK	0	1994	9
Mussels	Paralytic shellfish poisoning	6	WA	10	1998	1
Mussels	Paralytic shellfish poisoning	3	WA	8	2000	1
Steamed mussels; wine	Paralytic shellfish poisoning (sus.)	3	WA	6	2000	1
Puffer fish	Pufferfish poisoning	10	FL; VA; NJ	1	2002	6
Seafood soup; stew	S. Agona	14	CA	1	2001	1
Crab (sus.)	S. aureus	2	NY	4	1992	1
Tuna and macaroni casserole	S. aureus	22	IA	7	1991	1
Tuna salad	S. aureus	127	WI	6	1991	1
Marlin	S. aureus	2	HI	8	1997	1
Raw oysters	S. aureus (sus.)	2	FL	12	1999	1
Shrimp creole	S. aureus (sus.)	2	FL	6	1998	1
Octopus	S. aureus (sus.)	5	FL	7	2000	1
Shrimp	S. aureus (sus.)	3	FL	9	1999	1
Salmon; grouper	S. aureus (sus.)	3	FL	4	1998	1
Steamed mussels	S. aureus (sus.)	3	FL	5	2001	1
Lobster	S. aureus (sus.)	2	FL	5	1999	1
Sushi	S. aureus, B. cereus	2	OH	8	2001	1
Stuffed shrimp	S. Enteritidis	2	NY	9	1997	1
Salmon patties with hollandaise sauce	S. Enteritidis	21	KY	10	1994	1
Salmon; seafood dish	S. Enteritidis	36	IL	2	2000	1
Flounder; crab cakes; clam bake; scallops	S. Enteritidis	29	DC	9	1991	1
Crab cakes; crab stuffing	S. Enteritidis	14	PA	6	1997	1
Shrimp	S. Enteritidis	45	NY	12	1993	1
Shrimp-salad sandwich (sus.)	S. Enteritidis	5	NJ	7	1990	1
Crab cake; lobster cake; crab-stuffed lobster	S. Enteritidis	10	PA	7	2001	1
Crab cakes	S. Enteritidis	18	MD	6	2000	1
Crab cakes	S. Enteritidis	5	MD	1	2000	1
Shrimp-salad (sus.)	S. Enteritidis	4	MD	7	1995	1
Sushi	S. Enteritidis	2	CA	10	1999	1
Crab cakes; lobster	S. Enteritidis	14	OH	7	2001	1
Crab cakes (sus.)	S. Enteritidis	2	PA	3	1997	1
Stuffed flounder	S. Enteritidis	6	PA	9	2000	1
Gifilte fish	S. Enteritidis	68	NY	9	2000	1
Shrimp creole	S. Enteritidis	5	VA	7	1991	3
Crab cakes (sus.)	S. Enteritidis	32	MD	8	1995	1
Baked, stuffed sole	S. Enteritidis	105	VT	4	1992	3
Crab fluff	S. Enteritidis	6	MD	4	1997	1
Cray imperial; mayonnaise; house dressing (sus.)	S. Enteritidis	4	PA	7	1997	1
Crab cakes	S. Enteritidis	10	DC	1	2001	1
Multiple fish	S. Enteritidis (sus.)	25	PA	10	2000	1
Raw oysters	S. flexneri	8	MD	5	1996	1
Other fish	S. flexneri	4	WA	1	1996	1
Catfish	S. Hadar	10	NJ	5	1991	1
Stuffed flounder	S. Heidelberg	8	NY	9	1990	1
Seafood lasagna	S. Heidelberg	7	ME	6	1996	1
Salmon; hollandaise sauce (raw egg)	S. Heidelberg	5	NH	3	1991	1
Gifilte fish	S. Infantis	5	MD	7	2000	1
Gifilte fish	S. Infantis	20	NY	7	2000	1
Boiled shrimp	S. Java	25	LA	10	1990	1
Coconut shrimp	S. Oritamerin	26	FL	12	2001	1
Raw sashimi	S. Saint Paul	3	WA	7	1995	11
Shrimp scampi	S. sonnei	52	OH	9	1990	1
Fish sticks	S. sonnei	47	LA	4	1998	1
Smoked salmon	S. sonnei	144	CA	6	1990	1
Shell primarily raw oysters	S. sonnei	95	TX	1	1993	1
Steamed clams	S. Typhimurium	5	MD	7	1991	1
Seafood	S. Typhimurium	2	WA	6	1996	11
Pancit malabon	S. Typhimurium	18	CA	5	1997	1
Smoked fish	S. Typhimurium	50	WA	11	1998	1
Pancit fish	S. Typhimurium	14	CA	4	1997	1
Lapas	S. Typhimurium	4	MA	3	1990	1
Tuna dishes	S. Weltevreden	12	IL	8	1990	1
Salmon dishes; vegetables	S. Weltevreden	26	CA	11	1994	1
Gifilte fish	Salmonella Group 1 (sus.)	13	MD	7	2000	1
Bacalao (dried cod)	Salmonella spp (sus.)	2	FL	7	2001	1
Shrimp with egg batter	Salmonella spp.	2	NY	9	1992	10
Crab cakes (sus.)	Salmonella spp.	5	MD	7	1992	1
Shrimp	Salmonella spp.	9	NY	6	1993	10
Tuna	Scombrotoxin	6	AZ	11	1995	1

Seafood

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Escalore	Scombrotoxin	9	MI	4	2001	1
Akule	Scombrotoxin	3	HI	11	1995	1
Canned tuna	Scombrotoxin	2	OH	5	1995	1
Mahi mahi	Scombrotoxin	4	HI	2	1995	1
Mahi mahi	Scombrotoxin	21	FL	5	1995	1
Tuna	Scombrotoxin	3	HI	3	1995	1
Tuna	Scombrotoxin	3	CA	11	1995	1
Tuna kabobs	Scombrotoxin	3	NY	10	1995	1
Tuna steak	Scombrotoxin	2	IL	4	1995	1
Yellow-fin tuna	Scombrotoxin	10	HI	1	1995	1
Yellow-fin tuna	Scombrotoxin	20	CA	9	1995	1
Yellow-tail tuna	Scombrotoxin	2	CA	10	1995	1
Mahi mahi	Scombrotoxin	4	FL	7	1995	1
Tuna	Scombrotoxin	4	FL	2	1992	1
Tuna burgers	Scombrotoxin	2	NY	5	1993	10
Blackened tuna	Scombrotoxin	3	NY	5	1992	10
Blue marlin	Scombrotoxin	5	OH	3	1992	1
Fresh tuna	Scombrotoxin	10	NJ	5	1992	1
Grilled tuna	Scombrotoxin	11	NY	9	1992	1
Mahi mahi	Scombrotoxin	10	NY	2	1992	1
Mahi mahi	Scombrotoxin	2	HI	5	1992	1
Yellow-fin tuna	Scombrotoxin	3	HI	10	1991	1
Salmon	Scombrotoxin	3	NY	10	1992	1
Tuna steak	Scombrotoxin	2	NY	7	1991	1
Tuna	Scombrotoxin	3	HI	3	1992	1
Tuna	Scombrotoxin	74	NA	4	1992	1
Tuna	Scombrotoxin	2	NY	10	1992	1
Tuna steak	Scombrotoxin	2	NY	7	1992	10
Tuna steak	Scombrotoxin	2	NY	8	1992	1
Tuna steak	Scombrotoxin	2	NY	9	1992	1
Tuna burger	Scombrotoxin	2	NY	6	1992	1
Tuna, egg salad	Scombrotoxin	2	NY	8	1992	10
Opelu	Scombrotoxin	2	HI	7	1992	1
Yellow-fin tuna	Scombrotoxin	11	HI	11	1990	1
Ahi tuna	Scombrotoxin	2	HI	11	1990	1
BBQ tuna	Scombrotoxin	2	NY	7	1990	1
Blue-fin tuna	Scombrotoxin	6	OR	10	1990	1
Grilled tuna	Scombrotoxin	12	GA	5	1990	1
Grilled tuna	Scombrotoxin	2	NY	6	1990	1
Mahi mahi	Scombrotoxin	148	HI	4	1990	1
Tuna kebob	Scombrotoxin	2	NJ	9	1990	1
Yellow-fin tuna	Scombrotoxin	2	HI	10	1991	1
Yellow-fin tuna	Scombrotoxin	2	IL	3	1990	1
Tuna	Scombrotoxin	4	CA	9	2001	1
Baked marlin	Scombrotoxin	10	NY	11	1991	1
Grilled tuna	Scombrotoxin	2	NY	7	1991	1
Mahi mahi	Scombrotoxin	6	FL	1	1991	1
Mahi mahi	Scombrotoxin	2	HI	11	1991	1
Marlin	Scombrotoxin	2	WA	9	1991	1
Marlin	Scombrotoxin	2	WA	9	1991	11
Tuna	Scombrotoxin	2	NJ	6	1991	1
Tuna	Scombrotoxin	2	NJ	7	1991	1
Tuna steak	Scombrotoxin	6	NJ	6	1990	1
Mahi mahi	Scombrotoxin	2	CA	1	1994	1
Ahi tuna	Scombrotoxin	2	CA	8	1994	1
Ahi tuna	Scombrotoxin	7	HI	8	1994	1
Ahi tuna	Scombrotoxin	6	NC	10	1994	1
Ahi tuna steak	Scombrotoxin	2	HI	9	1994	1
Albacore tuna	Scombrotoxin	3	HI	1	1994	1
Dried yellow-fin tuna	Scombrotoxin	2	HI	10	1994	1
Fried ahi	Scombrotoxin	2	HI	4	1994	1
Albacore	Scombrotoxin	2	IL	9	2001	1
Fried aku	Scombrotoxin	2	HI	9	1994	1
Mahi mahi	Scombrotoxin	4	HI	1	2001	1
Mahi mahi	Scombrotoxin	2	HI	3	1994	1
Mahi mahi	Scombrotoxin	2	HI	8	1994	1
Mahi mahi	Scombrotoxin	5	FL	10	1994	1
Marlin	Scombrotoxin	5	MN	11	1994	1
Ono	Scombrotoxin	4	HI	11	1994	1
Swordfish	Scombrotoxin	7	OH	9	1994	1
Wahoo ono	Scombrotoxin	2	HI	12	1994	1
Yellow-fin tuna	Scombrotoxin	2	HI	2	1994	1
Fried ahi	Scombrotoxin	7	HI	5	1994	1
Tuna steak	Scombrotoxin	5	WI	2	1993	1
Yellow-fin tuna	Scombrotoxin	13	CA	10	1994	1
Tuna	Scombrotoxin	2	NY	8	2001	1
Mahi mahi	Scombrotoxin	24	HI	8	2001	1
Escalore	Scombrotoxin	3	CA	7	2001	1

Seafood

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Ahi	Scombrotoxin	2	HI	6	2001	1
Ahi	Scombrotoxin	6	HI	6	2001	1
Tuna salad	Scombrotoxin	2	MN	5	2001	1
Blue fish	Scombrotoxin	3	NY	7	1993	1
Ahi tuna	Scombrotoxin	3	HI	5	1994	1
Monk fish	Scombrotoxin	2	NY	7	1993	10
Ahi tuna	Scombrotoxin	3	NY	2	1994	1
Yellow-fin tuna	Scombrotoxin	6	CA	9	1993	1
Fish sandwich	Scombrotoxin	2	CA	5	2001	1
Escalare	Scombrotoxin	3	HI	4	2001	1
Tuna w/marinade	Scombrotoxin	4	WI	2	1993	1
Escalare	Scombrotoxin	2	FL	4	2001	1
Escalare	Scombrotoxin	3	FL	4	2001	1
Escalare	Scombrotoxin	2	CA	2	2001	1
Escalare	Scombrotoxin	4	FL	9	2001	1
Grilled tuna	Scombrotoxin	3	VA	7	1993	1
Tuna; grilled	Scombrotoxin	2	MA	7	2000	1
Ahi tuna	Scombrotoxin	2	HI	3	1998	10
Ahi tuna	Scombrotoxin	6	CA	3	1998	1
Ahi tuna	Scombrotoxin	2	HI	1	1998	1
Ahi tuna	Scombrotoxin	4	CA	1	1998	1
Tuna	Scombrotoxin	4	PA	12	2000	1
Ahi	Scombrotoxin	2	HI	12	2000	1
Tuna	Scombrotoxin	2	PA	11	2000	1
Ono	Scombrotoxin	2	HI	11	2000	1
Tuna	Scombrotoxin	3	PA	10	2000	1
Fish sandwich	Scombrotoxin	2	NY	10	2000	1
Tuna	Scombrotoxin	2	WA	9	2000	1
Akule	Scombrotoxin	3	HI	5	2000	1
Shellfish	Scombrotoxin	2	FL	6	1997	2
Ahi tuna	Scombrotoxin	2	WA	9	1999	1
Ahi tuna	Scombrotoxin	2	HI	7	1998	10
Ahi tuna	Scombrotoxin	2	CA	9	1999	1
Amberjack	Scombrotoxin	2	FL	9	1999	1
Blue marlin	Scombrotoxin	2	NY	10	1999	1
Ahi	Scombrotoxin	7	HI	7	2000	1
Tuna steak	Scombrotoxin	2	IL	5	2000	1
Ahi	Scombrotoxin	4	HI	5	2000	1
Fish	Scombrotoxin	4	NY	5	1999	1
Tuna steaks	Scombrotoxin	2	MN	6	2000	10
Fish	Scombrotoxin	2	CA	12	1999	1
Mahi mahi	Scombrotoxin	4	HI	2	1999	1
Mahi mahi	Scombrotoxin	2	HI	5	1999	1
Shellfish	Scombrotoxin	2	FL	6	1997	2
Mahi mahi	Scombrotoxin	2	HI	9	2000	1
Tuna	Scombrotoxin	28	NY	6	1998	1
Ahi	Scombrotoxin	2	WA	8	2000	1
Tuna burger	Scombrotoxin	2	WA	8	1996	1
Tuna burger	Scombrotoxin	2	NY	10	1999	1
Tuna burger	Scombrotoxin	3	NY	8	1995	1
Tuna burger	Scombrotoxin	2	NY	6	1998	1
Tuna burger	Scombrotoxin	2	NC	7	1998	1
Tuna burger	Scombrotoxin	3	NC	7	1998	1
Tuna burger	Scombrotoxin	12	NC	7	1998	1
Tuna burger	Scombrotoxin	2	NY	8	1998	1
Yellow-fin tuna	Scombrotoxin	2	FL	6	1998	1
Yellow-fin tuna	Scombrotoxin	2	HI	5	1998	1
Tuna steak	Scombrotoxin	2	NY	7	1998	1
Mahi mahi	Scombrotoxin	2	HI	8	2000	1
Tuna	Scombrotoxin	2	HI	7	1998	1
Ahi tuna	Scombrotoxin	3	CA	6	1998	1
Tuna	Scombrotoxin	6	VA	4	1998	1
Tuna	Scombrotoxin	2	WA	3	1998	1
Swordfish	Scombrotoxin	4	HI	8	1998	10
Swordfish	Scombrotoxin	2	HI	3	1998	1
Mahi mahi	Scombrotoxin	2	HI	10	1998	1
Mahi mahi	Scombrotoxin	2	HI	7	1998	1
Tuna-spinach salad	Scombrotoxin	4	PA	12	1998	6
Mahi mahi	Scombrotoxin	2	HI	1	1998	1
Escolare	Scombrotoxin	18	WI	10	1998	1
Blue fish	Scombrotoxin	5	NY	8	1998	1
Tuna burgers	Scombrotoxin	2	MN	10	2000	10
Ahi tuna	Scombrotoxin	4	WA	11	1998	1
Dolphin	Scombrotoxin	4	FL	2	2000	1
Tuna steak	Scombrotoxin	3	MD	5	1998	1
Tuna	Scombrotoxin	3	NY	6	1996	1
Tuna	Scombrotoxin	4	MA	4	1999	1
Escolare	Scombrotoxin	2	WA	4	1996	1

Seafood

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Tuna	Scombrotoxin	7	OR	8	1999	1
Tuna steak	Scombrotoxin	2	NY	8	1999	1
Mahi mahi	Scombrotoxin	6	HI	12	1999	1
Tuna burger	Scombrotoxin	2	NY	2	2000	1
Yellow-fin tuna	Scombrotoxin	6	MA	8	1999	1
Tuna burgers	Scombrotoxin	3	NY	7	1996	1
Tuna	Scombrotoxin	2	HI	9	1996	1
Tuna	Scombrotoxin	2	WA	8	1996	11
Escolar (imported)	Scombrotoxin	3	FL	4	2001	1
Tuna	Scombrotoxin	2	FL	7	1996	1
Ono	Scombrotoxin	3	HI	9	1999	1
Tuna	Scombrotoxin	2	NY	6	1996	1
Tuna	Scombrotoxin	3	NY	2	1996	1
Raw tuna	Scombrotoxin	5	CA	12	1996	1
Other fish	Scombrotoxin	2	NY	8	1996	1
Other fish	Scombrotoxin	3	VA	8	1996	1
Marlin	Scombrotoxin	4	OH	10	1996	1
Marlin	Scombrotoxin	2	HI	2	1996	1
Mahi mahi	Scombrotoxin	9	HI	8	1996	1
Tuna burger	Scombrotoxin	2	IL	11	1995	1
Ahi tuna	Scombrotoxin	3	CA	10	1996	1
Blue fish	Scombrotoxin	2	NY	7	1996	1
Fried ahi	Scombrotoxin	2	HI	1	1996	1
Tuna	Scombrotoxin	2	CA	8	1996	1
Marlin	Scombrotoxin	2	FL	6	1997	1
Marlin	Scombrotoxin	2	HI	5	1999	1
Yellow-fin tuna	Scombrotoxin	19	OH	5	1997	1
Yellow-fin tuna	Scombrotoxin	8	NY	4	1997	1
Tuna	Scombrotoxin	2	CA	10	1997	1
Tuna	Scombrotoxin	2	HI	9	1997	1
Tuna	Scombrotoxin	2	HI	8	1997	1
Tuna	Scombrotoxin	8	VA	7	1997	1
Tuna	Scombrotoxin	5	MN	7	1997	1
Tuna	Scombrotoxin	3	FL	6	1997	1
Tuna	Scombrotoxin	5	MA	5	1997	1
Tuna	Scombrotoxin	2	NY	4	1997	1
Tuna	Scombrotoxin	5	MI	3	1997	1
Tuna	Scombrotoxin	2	MD	6	1999	1
Tuna	Scombrotoxin	3	FL	3	1997	1
Fish	Scombrotoxin	4	HI	12	1997	1
Blue fish	Scombrotoxin	3	NY	3	1997	1
Blue marlin	Scombrotoxin	29	DC	5	1997	12
Blue-fin tuna	Scombrotoxin	2	HI	10	1997	1
Marlin	Scombrotoxin	2	HI	5	1997	1
Mahi mahi	Scombrotoxin	2	FL	6	1997	1
Fish	Scombrotoxin	2	NY	1	1997	1
Escolare	Scombrotoxin	11	CA	2	2000	1
Marlin	Scombrotoxin	2	HI	6	1999	1
Fish	Scombrotoxin	2	NY	8	1997	1
Fish	Scombrotoxin	7	VA	12	1997	1
Dolphin	Scombrotoxin (sus.)	2	FL	10	1999	1
Yellow-fin tuna	Scombrotoxin (sus.)	3	NY	6	1999	1
Tuna	Scombrotoxin (sus.)	6	MD	3	2001	1
Lobster; shrimp	Scombrotoxin (sus.)	9	FL	1	1999	1
Tuna steak	Scombrotoxin (sus.)	4	HI	12	1999	1
Ahi	Scombrotoxin (sus.)	2	CA	3	2000	1
Dolphin	Scombrotoxin (sus.)	3	FL	8	1998	1
Tuna steak	Scombrotoxin (sus.)	2	FL	4	2001	1
Salmon	Scombrotoxin (sus.)	2	FL	2	1999	1
Mahi mahi	Scombrotoxin (sus.)	3	IL	12	1999	1
Mahi mahi	Scombrotoxin (sus.)	2	CA	11	1999	1
Flounder	Scombrotoxin (sus.)	4	FL	9	1999	1
Tuna; sauce	Scombrotoxin (sus.)	2	FL	1	1998	1
Yellowfin Tuna	Scombrotoxin (sus.)	4	GT	2	2000	1
Marlin (sus.)	Scombrotoxin (sus.)	2	HI	6	1991	1
Dried aku (sus.)	Scombrotoxin (sus.)	2	HI	6	1991	1
Dolphin	Scombrotoxin (sus.)	2	FL	7	1998	1
Tuna steak	Scombrotoxin (sus.)	2	HI	11	1999	1
Mahi mahi	Scombrotoxin (sus.)	2	MD	12	2001	1
Ahi	Scombrotoxin (sus.)	2	HI	5	1998	10
Baked shrimp; tuna	Scombrotoxin (sus.)	2	HI	4	2000	1
Tuna	Scombrotoxin (sus.)	3	NY	4	1999	1
Swordfish	Scombrotoxin (sus.)	2	FL	12	2001	1
Tuna	Scombrotoxin (sus.)	3	MA	10	2000	1
Tuna burgers (sus.)	Scombrotoxin (sus.)	2	NY	10	1993	1
Tuna	Scombrotoxin (sus.)	8	CA	10	2000	1
Ahi	Scombrotoxin (sus.)	2	HI	12	1998	1
Dolphin	Scombrotoxin (sus.)	4	FL	8	2000	1

Seafood

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Mahi mahi (sus.)	Scombrotoxin (sus.)	3	CA	12	1993	1
Tuna salad	Scombrotoxin (sus.)	2	NY	5	2000	1
Mahi mahi	Scombrotoxin (sus.)	2	HI	6	2000	1
Tuna steak	Scombrotoxin (sus.)	2	MN	6	2000	1
Ahi	Scombrotoxin (sus.)	2	HI	7	2000	1
Tuna	Scombrotoxin (sus.)	2	MD	8	2001	1
Tuna	Scombrotoxin (sus.)	2	SC	7	2000	1
Escolar	Scombrotoxin (sus.)	41	NY	8	2001	1
Tuna	Scombrotoxin (sus.)	4	OH	6	1997	1
Tuna steak	Scombrotoxin (sus.)	9	MA	12	2000	1
Mahi mahi	Scombrotoxin (sus.)	6	CO	9	1998	1
Tuna steak	Scombrotoxin (sus.)	5	FL	7	1998	1
Tuna	Scombrotoxin (sus.)	9	MD	10	2000	1
Tuna burgers	Scombrotoxin (sus.)	2	MN	10	2000	1
Mahi mahi	Scombrotoxin (sus.)	2	FL	11	2000	1
Tuna (sus.)	Scombrotoxin (sus.)	2	HI	7	1995	1
Mahi mahi (sus.)	Scombrotoxin (sus.)	2	CA	5	1995	1
Fish sandwich	Scombrotoxin (sus.)	2	FL	12	1999	1
Akule	Scombrotoxin (sus.)	2	HI	6	1998	1
Mahi mahi (sus.)	Scombrotoxin (sus.)	2	FL	5	1995	1
Escalore	Scombrotoxin (sus.)	3	CA	3	2000	1
Raw oysters	Shigella spp	3	FL	4	2001	1
Raw oysters	Shigella spp	3	FL	4	2001	1
Scallops	Shigella spp.	9	PA	5	1991	1
Puffer	Tetrodotoxin	3	CA	4	1996	6
Gravlax	Unsp. chemical	58	FL	12	1992	1
Shrimp scampi	Unsp. chemical (sus.)	2	NY	5	1993	10
Shellfish	Unsp. virus	4	FL	1	1997	1
Oysters; clams; prawns	Unsp. virus	100	CA	12	1993	1
Mixed seafood pasta	Unsp. virus (sus.)	164	NY	2	1993	10
Clams (raw)	Unsp. virus (sus.)	17	NY	3	1992	10
Raw clams	Unsp. virus (sus.)	39	NY	6	1990	12
Raw clams	Unsp. virus (sus.)	67	NY	6	1990	12
Steamed clams	V. alginolyticus	4	WA	9	1992	11
Raw oysters	V. cholerae	2	FL	1	1999	1
Crab meat	V. cholerae	4	NY	4	1991	8
Crab meat	V. cholerae	8	NJ	4	1991	8
Baked crab	V. cholerae	6	CO	10	1998	1
Raw reef fish; water	V. cholerae O1	26	GU	5	1990	1
Crab	V. cholerae O1	2	NY	4	1991	1
Clams	V. fluvalis	2	FL	11	1998	1
Oysters	V. parahaemolyticus	5	ID	8	1990	1
Oysters	V. parahaemolyticus	2	WA	8	1990	1
Oysters	V. parahaemolyticus	9	WA	7	1990	1
Oysters (raw)	V. parahaemolyticus	5	WA	7	1990	1
Raw oysters	V. parahaemolyticus	4	CA	7	1999	1
Crab	V. parahaemolyticus	7	NY	8	1999	1
Sushi	V. parahaemolyticus	4	FL	11	2001	1
Crab cakes	V. parahaemolyticus	3	MD	4	2000	1
Raw oysters	V. parahaemolyticus	4	CO	8	2000	1
Raw oysters	V. parahaemolyticus	2	OR	8	2000	1
Crab	V. parahaemolyticus	3	FL	4	1999	1
Raw oysters	V. parahaemolyticus	3	WA	8	1997	11
Oysters and clams	V. parahaemolyticus	23	NY, NJ, CT	7	1998	1
Oysters	V. parahaemolyticus	40	WA, GA, NY, OR/BC	7	1998	12
Oysters	V. parahaemolyticus	4	CA	6	1998	1
Raw oysters	V. parahaemolyticus	2	WA	7	1993	11
Raw oysters	V. parahaemolyticus	2	WA	8	1993	11
Shell (sus.)	V. parahaemolyticus	4	WA	5	1993	1
Raw oysters	V. parahaemolyticus	400	TX	5	1998	1
Chinese seafood	V. parahaemolyticus	16	CA	9	1997	1
Oysters	V. parahaemolyticus	8	OK	6	1998	1
Raw oysters	V. parahaemolyticus	13	OR	7	1997	9
Raw oysters	V. parahaemolyticus	2	WA	7	1997	11
Raw oysters	V. parahaemolyticus	11	CA	6	1997	9
Raw oysters	V. parahaemolyticus	209	7	5	1997	1
Oysters	V. parahaemolyticus	2	WA	8	1997	1
Clams	V. parahaemolyticus	2	WA	8	1997	11
Raw oysters	V. parahaemolyticus	2	WA	7	1994	11
Crab	V. parahaemolyticus	7	WA	5	1993	11
Crab	V. parahaemolyticus	11	FL	6	1998	1
Shrimp; lobster	V. parahaemolyticus	7	FL	5	1998	1
Shrimp	V. parahaemolyticus	11	NC	6	1998	1
Seafood	V. parahaemolyticus	23	NY, NJ, CT	7	1998	1
Raw oysters	V. parahaemolyticus	5	CO	7	1998	1
Barbecued oysters	V. parahaemolyticus	3	WA	8	1992	11
Raw oysters	V. parahaemolyticus	2	OR	7	1998	1
Shrimp; grouper	V. parahaemolyticus (sus.)	2	FL	6	1999	1

Seafood

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Raw shrimp; shrimp scampi	V. parahaemolyticus (sus.)	2	FL	6	1999	1
Oysters	V. parahaemolyticus (sus.)	3	WA	7	1999	1
Raw oysters	V. parahaemolyticus (sus.)	3	FL	8	1999	1
Oysters	V. parahaemolyticus (sus.)	8	FL	11	1997	1
Shell fish	V. parahaemolyticus (sus.)	2	FL	11	1997	1
Shrimp; crab	V. parahaemolyticus (sus.)	5	FL	4	1998	1
Lobster roll sandwich	V. parahaemolyticus (sus.)	28	MA	6	2000	1
Other seafood	V. parahaemolyticus (sus.)	3	FL	10	1998	1
Shrimp; crab	V. parahaemolyticus (sus.)	2	FL	10	1998	1
Crab	V. parahaemolyticus (sus.)	3	FL	4	2000	1
Raw oysters	V. parahaemolyticus (sus.)	8	TX	9	1998	1
Seafood salad	V. parahaemolyticus (sus.)	3	NY	2	1999	1
Raw oysters	V. parahaemolyticus (sus.)	4	FL	6	1998	1
Raw oysters	V. parahaemolyticus O3:K6	2	WA	8	1998	1
Raw oysters	V. vulnificus	2	GA	4	1990	1
Clams	Vibrio spp. (sus.)	2	FL	3	2000	1
Sushi	Vibrio spp. (sus.)	2	FL	5	1999	1
Cod fish	Vibrio spp. (sus.)	2	FL	6	1999	1
Raw oysters	Viral (sus.)	4	WA	3	2000	1
Raw oysters	Viral (sus.)	5	WA	2	2000	1
Scallops	Viral (sus.)	12	NY	4	2000	1
Seafood Total Outbreaks: 720		Seafood Total Cases: 8,044				

Eggs

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Eggs	C. botulinum	2	AK	8	1994	1
Egg salad; blintzes	E. coli O157:H7	16	NY	6	1995	1
Egg salad (egg salad sandwich)	S. aureus	43	MD	1	2001	1
Omelet	S. aureus (sus.)	2	FL	10	2000	1
Pooled eggs	S. Braenderup	46	MO	9	1996	1
Eggs over-easy	S. Braenderup	3	CO	1	1999	1
House salad with eggs	S. Enteritidis	140	VT	9	1993	1
Celery dressing (raw eggs)	S. Enteritidis	16	IL	2	1993	1
Chocolate meringue pie (eggs)	S. Enteritidis	23	VA	7	1993	3
Chocolate mousse (eggs)	S. Enteritidis	70	NJ	9	1993	3
Crab stuffed w/ shrimp and bernaïse sauce (eggs)	S. Enteritidis	52	NC	11	1993	1
Egg dishes	S. Enteritidis	47	PA	2	1993	1
Egg dishes	S. Enteritidis	22	NV	3	1993	1
Egg rolls (eggs)	S. Enteritidis	130	TX	4	1993	
Egg-salad sandwich	S. Enteritidis	80	NH	9	1992	3
Hollandaise sauce (eggs)	S. Enteritidis	23	CA	2	1993	1
Ice cream (eggs)	S. Enteritidis	8	MD	7	1993	1
Ice cream (eggs)	S. Enteritidis	13	FL	9	1993	1
Lasagna (eggs)	S. Enteritidis	7	NY	3	1993	1
Lasagna (eggs)	S. Enteritidis	21	MA	10	1993	3
Egg rolls (eggs)	S. Enteritidis	19	TX	9	1993	1
Lasagna (eggs)	S. Enteritidis	9	OH	2	1992	1
Fish w/ aioli sauce (eggs)	S. Enteritidis	31	CT	5	1992	1
Food made with eggs (sus.)	S. Enteritidis	5	NY	7	1992	1
French toast (eggs)	S. Enteritidis	3	CA	7	1992	1
Homemade eggnog	S. Enteritidis	12	NJ	11	1992	1
Homemade ice cream (sus.) (raw eggs)	S. Enteritidis	15	KS	6	1992	1
Homemade mayonnaïse (eggs)	S. Enteritidis	98	NY	8	1992	1
Ice cream (eggs)	S. Enteritidis	10	PA	2	1992	1
Bearnaïse sauce (eggs)	S. Enteritidis	13	IL	11	1993	1
Imitation crab pancake (eggs)	S. Enteritidis	97	MD	8	1992	1
Baked ziti (eggs)	S. Enteritidis	23	CT	9	1993	3
Meringue pies (eggs)	S. Enteritidis	7	PA	7	1992	1
Monte Cristo sandwiches (eggs)	S. Enteritidis	74	MA	7	1992	1
Ravioli (eggs)	S. Enteritidis	6	PA	9	1992	1
Spanish cream (eggs)	S. Enteritidis	8	PA	8	1992	1
Stuffed mushrooms (eggs)	S. Enteritidis	2	NY	7	1992	1
Eggs	S. Enteritidis	46	NY	6	1992	1
Mayonnaïse (eggs)	S. Enteritidis	38	CA	3	1993	3
Ice cream (eggs)	S. Enteritidis	15	OH	8	1992	1
Banana pudding (eggs)	S. Enteritidis	6	TN	10	1990	1
Lemon meringue pie (eggs)	S. Enteritidis	4	MD	1	1993	1
Homemade mayonnaïse (raw eggs)	S. Enteritidis	21	CA	10	1994	1
Ice cream (eggs)	S. Enteritidis	6	PA	8	1994	1
Lasagna (eggs)	S. Enteritidis	6	PA	8	1994	1
Rice pudding (eggs)	S. Enteritidis	9	NY	7	1994	1
Seafood stuffing; eggs (eggs)	S. Enteritidis	28	NY	10	1994	1
Hollandaise sauce (eggs)	S. Enteritidis	19	KY	10	1994	3
Tiramisu (eggs)	S. Enteritidis	9	PA	5	1994	1
Ham croquettes (eggs)	S. Enteritidis	39	CA	8	1994	1
Eggs	S. Enteritidis	113	NC	6	2001	1
Eggs	S. Enteritidis	7	MI	7	2001	1
"Jamaican malt" beverage (eggs)	S. Enteritidis	3	NY	7	1995	1
Bearnaïse sauce (eggs)	S. Enteritidis	3	PA	10	1995	3
Cake (eggs)	S. Enteritidis	16	CA	8	1995	1
Cheesecake (eggs)	S. Enteritidis	18	PA	9	1995	1
Chicken lasagna (eggs)	S. Enteritidis	7	CA	2	1995	1
Stuffing (eggs)	S. Enteritidis	21	PA	9	1994	1
Tiramisu (eggs)	S. Enteritidis	5	NY	9	1993	3
Egg batter	S. Enteritidis	434	NY	8	1992	1
Pancakes (eggs)	S. Enteritidis	22	IL	2	1993	1
Potato filling (eggs)	S. Enteritidis	29	PA	8	1993	1
Pureed egg	S. Enteritidis	5	NY	5	1993	1
Rellenos (eggs)	S. Enteritidis	4	WA	4	1993	1
Stuffed shells (eggs)	S. Enteritidis	25	CT	3	1993	1
Hollandaise sauce (eggs)	S. Enteritidis	13	DC	11	1994	1
Stuffing; egg dishes (eggs)	S. Enteritidis	10	PA	11	1993	1
Mayonnaïse (raw eggs)	S. Enteritidis	22	CA	3	1993	1
Hard-boiled eggs	S. Enteritidis	175	VT	9	1993	3
Cake with mousse filling (eggs)	S. Enteritidis	11	NY	11	1994	3
Chicken croquettes with egg	S. Enteritidis	2	NY	7	1994	1
Coconut cream pie (eggs)	S. Enteritidis	28	PA	7	1994	1
Egg dishes	S. Enteritidis	20	CO	9	1994	1
Eggs benedict with hollandaise sauce (eggs)	S. Enteritidis	13	OR	12	1994	1
Flounder with crab stuffing (eggs)	S. Enteritidis	20	MD	8	1994	1
Stuffing (eggs); egg dishes	S. Enteritidis	11	PA	7	1993	1
Eggs (sus.)	S. Enteritidis	29	MD	6	1990	1
Hollandaise sauce (eggs)	S. Enteritidis	7	NY	12	1990	1

Eggs

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Homemade icecream (eggs)	S. Enteritidis	9	PA	6	1990	1
Lasagna (eggs)	S. Enteritidis	4	MD	7	1990	1
Meringue (eggs)	S. Enteritidis	13	NC	3	1990	3
Milkshake (raw eggs) (sus.)	S. Enteritidis	10	MD	2	1990	1
Pie; pudding; meringue (eggs)	S. Enteritidis	4	NC	12	1990	3
Eggs benedict with hollandaise sauce (sus.)	S. Enteritidis	9	NY	6	1992	1
Eggs (sus.)	S. Enteritidis	16	NC	3	1990	1
Hollandaise sauce (eggs)	S. Enteritidis	169	CT	6	1990	
Eggs (sus.)	S. Enteritidis	4	NC	12	1990	1
Eggs; egg dishes	S. Enteritidis	79	NH	8	1990	1
Scrambled eggs (sus.)	S. Enteritidis	15	DE	9	1990	1
Scrambled eggs (sus.)	S. Enteritidis	25	NY	10	1990	1
Scrambled eggs; French toast (eggs)	S. Enteritidis	3	OH	0	1990	3
Scrambled eggs; omelette	S. Enteritidis	31	TN	6	1990	1
Eggs	S. Enteritidis	79	PA	6	1990	1
Crab-cake mixture (eggs)	S. Enteritidis	13	NJ	5	1990	1
Bearnaise sauce (eggs)	S. Enteritidis	74	NC	9	1990	1
Bearnaise sauce (eggs)	S. Enteritidis	16	NJ	9	1990	1
Bread pudding (eggs)	S. Enteritidis	435	IL	9	1990	1
Cheesecake (duck eggs)	S. Enteritidis	18	WI	0	1990	3
Chicken stuffing (eggs)	S. Enteritidis	8	PA	12	1990	1
Crab cakes (raw eggs)	S. Enteritidis	4	PA	5	1990	1
Hollandaise sauce (eggs)	S. Enteritidis	14	IL	12	1990	1
Crab meat (eggs) (sus.)	S. Enteritidis	14	DE	1	1990	1
Hollandaise sauce (eggs)	S. Enteritidis	42	KY	8	1990	1
Crepe mix (eggs)	S. Enteritidis	5	CT	6	1990	1
Egg sandwiches	S. Enteritidis	22	NY	3	1990	1
Eggs benedict	S. Enteritidis	4	IL	0	1990	3
Fish burger (eggs) (sus.)	S. Enteritidis	27	MD	7	1990	1
French toast (eggs)	S. Enteritidis	18	NY	0	1990	3
Frosting (eggs)	S. Enteritidis	8	MA	0	1990	3
Bread pudding (pooled eggs)	S. Enteritidis	105	MA	6	1991	1
Crab cakes (eggs)	S. Enteritidis	22	DE	4	1990	1
Crab cakes (eggs) (sus.)	S. Enteritidis	14	MD	8	1992	1
Baked ziti (eggs)	S. Enteritidis	19	DE	5	1991	1
Scrambled eggs; tuna sandwich	S. Enteritidis	187	NY	5	1991	1
Baked ziti (eggs)	S. Enteritidis	18	PA	8	1992	1
Banana pudding w/meringue (eggs)	S. Enteritidis	191	NJ	4	1992	1
Caesar salad (raw eggs)	S. Enteritidis	10	NY	12	1992	1
Coconut cream and lemon meringue pie (eggs)	S. Enteritidis	27	PA	10	1992	3
Eggs	S. Enteritidis	3	NY	7	1991	3
Crab cakes (eggs)	S. Enteritidis	5	MD	7	1992	3
Eggs	S. Enteritidis	23	NY	7	1991	3
Crab cakes; crab balls (eggs)	S. Enteritidis	25	MD	8	1992	3
Cracker pudding (eggs)	S. Enteritidis	42	PA	5	1992	3
Cracker pudding (eggs)	S. Enteritidis	17	PA	5	1992	1
Cracker pudding (eggs)	S. Enteritidis	4	PA	5	1992	1
Deviled eggs; egg salad	S. Enteritidis	25	PA	7	1992	1
Eggs	S. Enteritidis	5	OH	7	2001	1
Egg dishes	S. Enteritidis	6	CA	12	1992	1
Coconut cream pie with meringue (eggs)	S. Enteritidis	21	PA	10	1992	1
Omelettes	S. Enteritidis	25	CO	7	1991	3
Crab meat stuffing (eggs)	S. Enteritidis	23	NJ	7	1995	1
Bread stuffing (eggs)	S. Enteritidis	393	NY	10	1991	1
Crab cakes (raw eggs)	S. Enteritidis	7	MD	7	1991	1
Crab cakes (eggs)	S. Enteritidis	7	VA	4	1991	1
Crab meat mix (raw eggs)	S. Enteritidis	28	NJ	7	1991	1
Egg sandwiches	S. Enteritidis	5	NY	1	1991	1
Scrambled eggs	S. Enteritidis	25	IL	2	1991	3
Homemade ice cream cooked eggs	S. Enteritidis	22	MD	6	1991	1
Bread filling (raw egg)	S. Enteritidis	58	PA	10	1991	1
Omelettes	S. Enteritidis	11	ID	7	1991	3
Omelettes	S. Enteritidis	3	ID	8	1991	3
Omelettes	S. Enteritidis	24	NY	10	1991	3
Pooled egg dishes (sus.)	S. Enteritidis	6	NJ	8	1991	1
Raspberry souffle (eggs)	S. Enteritidis	35	DE	4	1991	1
Rum cake (raw eggs)	S. Enteritidis	20	MA	5	1991	1
Eggs	S. Enteritidis	10	IL	7	1991	1
Homemade ice cream (raw eggs)	S. Enteritidis	11	CO	7	1991	1
Cheese blintz (eggs)	S. Enteritidis	9	NY	8	1999	3
Stuffing (eggs)	S. Enteritidis	12	PA	11	1998	1
Stuffing (eggs)	S. Enteritidis	21	PA	12	1998	3
Tiramisu (eggs)	S. Enteritidis	8	MD	1	1998	1
Turkey stuffing (eggs)	S. Enteritidis	5	CA	1	1998	3
Ziti (eggs)	S. Enteritidis	71	NV	9	1998	1
Eggs	S. Enteritidis	40	HI	8	1998	3
Lasagna (eggs)	S. Enteritidis	43	DC	10	1997	3
Beef lasagna (eggs)	S. Enteritidis	10	CA	12	1999	1

Eggs

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Oyster stuffing (eggs)	S. Enteritidis	7	PA	12	1998	1
Chile relleno (eggs); pasta salad	S. Enteritidis	14	CA	12	1999	1
Egg dishes	S. Enteritidis	29	CA	7	1999	1
Egg product	S. Enteritidis	5	WI	7	1999	1
Eggs benedict	S. Enteritidis	3	CA	1	1999	1
Ice cream (eggs)	S. Enteritidis	256	UT	6	1999	3
Lasagna (eggs)	S. Enteritidis	8	NC	8	1999	1
Shell egg	S. Enteritidis	10	MD	8	1998	1
Eggs (sus.)	S. Enteritidis	7	CA	12	1997	1
Meringue on poppy seed torte (eggs)	S. Enteritidis	13	WI	8	1997	1
Omelettes	S. Enteritidis	9	WI	5	1997	1
Omelettes	S. Enteritidis	3	OH	7	1997	3
Pastries (eggs)	S. Enteritidis	17	CT	3	1997	1
Pooled egg dishes	S. Enteritidis	55	CA	11	1997	1
Sushi with egg	S. Enteritidis	77	CA	7	1997	1
Rellenos (eggs)	S. Enteritidis	19	CA	10	1998	1
Egg dishes	S. Enteritidis	8	CA	6	1995	3
Rellenos (eggs)	S. Enteritidis	58	AZ	7	1998	1
Tiramisu (eggs)	S. Enteritidis	14	MD	11	1994	1
French toast; soft scrambled eggs (eggs)	S. Enteritidis	10	CT	2	1998	1
Ice cream (eggs)	S. Enteritidis	6	PA	7	1998	3
Ice cream (eggs)	S. Enteritidis	11	TX	8	1998	1
Lasagna (eggs)	S. Enteritidis	26	CA	1	1998	1
Mexican cake (eggs)	S. Enteritidis	50	MD	9	1998	1
Pastries (eggs)	S. Enteritidis	6	CA	7	1999	3
Boiled eggs	S. Enteritidis	192	SC	9	1997	1
Eggs benedict; hollandaise sauce	S. Enteritidis	42	ME	4	2001	1
Lasagna (eggs)	S. Enteritidis	15	MA	12	1999	1
Egg-containing food	S. Enteritidis	16	MN	9	2000	1
Eggs with sauces	S. Enteritidis	12	UT	9	2000	1
Deviled eggs; pickled beans	S. Enteritidis	29	VA	11	2000	1
Egg nog	S. Enteritidis	12	NY	12	2000	1
Eggs	S. Enteritidis	2	ME	6	2000	1
Breakfast egg dishes	S. Enteritidis	92	OH	3	2001	1
Soft scrambled eggs	S. Enteritidis	26	GA	6	2000	1
Egg based sauce	S. Enteritidis	231	VA	4	2001	1
Merengue pie	S. Enteritidis	3	MD	5	2001	1
Eggs benedict	S. Enteritidis	54	MN	5	2001	1
Eggs	S. Enteritidis	16	MN	6	2001	1
Merengue pie	S. Enteritidis	12	PA	6	2001	1
Bernaise sauce	S. Enteritidis	46	MA	7	2001	1
Eggs	S. Enteritidis	18	MN	6	2001	1
Eggs	S. Enteritidis	6	CA	10	1999	1
Eggs (sus.)	S. Enteritidis	10	WI	9	1997	1
Stuffing (eggs)	S. Enteritidis	16	PA	11	1999	3
Tiramisu (eggs)	S. Enteritidis	23	NY	6	1999	1
Tiramisu (eggs)	S. Enteritidis	16	NJ	7	1999	1
Eggs	S. Enteritidis	61	HI	6	1999	
Eggs	S. Enteritidis	4	WA	6	1999	11
Shell egg	S. Enteritidis	41	OH	8	2000	1
Eggs	S. Enteritidis	4	CT	9	1999	1
Manicotti (eggs)	S. Enteritidis	70	MA	5	1999	1
Eggs	S. Enteritidis	4	WI	7	1999	1
Bearnaise sauce (eggs)	S. Enteritidis	31	IL	2	2000	12
Macaroni and cheese (eggs)	S. Enteritidis	106	VA	4	2000	10
Egg dishes	S. Enteritidis	62	MN	4	2001	12
Eggs	S. Enteritidis	11	MI	3	2000	1
Eggs	S. Enteritidis	2	ME	5	2000	1
Eggs	S. Enteritidis	33	CA	7	1999	1
Ice cream (eggs)	S. Enteritidis	11	OH	7	1996	1
Rice pudding (eggs)	S. Enteritidis	26	PA	7	1996	3
Egg-containing dishes	S. Enteritidis	20	CA	1	1996	1
Foods made with raw eggs	S. Enteritidis	10	NY	7	1996	1
French toast (eggs)	S. Enteritidis	6	OH	7	1996	1
Ice cream (eggs)	S. Enteritidis	2	OH	6	1996	1
Cream pies (eggs)	S. Enteritidis	19	VA	3	1998	3
Egg rolls (eggs)	S. Enteritidis	18	CA	7	1996	3
Hollandaise sauce (eggs)	S. Enteritidis	93	NV	11	1997	3
Deviled eggs (sus.)	S. Enteritidis	8	MN	9	1996	1
Ice cream (eggs)	S. Enteritidis	21	CA	7	1996	3
Ice cream (eggs)	S. Enteritidis	14	PA	12	1996	1
Multiple eggs dishes	S. Enteritidis	15	NY	7	1996	3
Raw egg dishes	S. Enteritidis	10	CA	8	1996	3
Raw eggs in dish	S. Enteritidis	22	VA	11	1996	3
Rellenos (eggs)	S. Enteritidis	44	GA	5	1996	
Ice cream (eggs)	S. Enteritidis	32	CA	6	1996	1
Baked eggs	S. Enteritidis	70	IN	6	1995	1
Eggnog (eggs)	S. Enteritidis	5	NY	12	1995	1

Eggs

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Eggs benedict	S. Enteritidis	4	NY	6	1995	1
Eggs benedict with hollandaise sauce (eggs)	S. Enteritidis	13	WI	8	1995	1
Ice cream (eggs)	S. Enteritidis	27	VA	6	1995	3
Malt beverage (raw eggs)	S. Enteritidis	3	NY	7	1995	1
Omelette (sus.)	S. Enteritidis	7	IA	4	1995	1
Egg salad	S. Enteritidis	600	SC	9	1996	1
Spinach souffle (eggs)	S. Enteritidis	13	CT	9	1995	1
Ice cream (eggs)	S. Enteritidis	118	OH	7	1996	1
Eggs (sus.)	S. Enteritidis	9	SC	2	1995	1
Scrambled eggs	S. Enteritidis	40	IN	6	1995	3
Soft scrambled eggs	S. Enteritidis	75	IN	6	1995	1
Baked ziti (eggs)	S. Enteritidis	18	NY	8	1996	1
Chicken-fried steak (eggs)	S. Enteritidis	30	UT	1	1996	3
Coconut cream pie (eggs)	S. Enteritidis	2	VA	4	1996	1
Rice pudding (eggs)	S. Enteritidis	7	PA	1	1995	3
Egg casserole (sus.)	S. Enteritidis	10	WI	7	1997	1
Eggs benedict with hollandaise sauce	S. Enteritidis	27	WI	11	1997	1
Eggs benedict w/ hollandaise sauce	S. Enteritidis	7	CA	2	1997	1
Egg-battered shrimp (sus.)	S. Enteritidis	2	CA	6	1997	1
Egg nog (eggs)	S. Enteritidis	4	WA	12	1997	11
Egg dishes (sus.)	S. Enteritidis	21	MI	7	1997	1
Salad dressing (eggs)	S. Enteritidis	21	CA	5	1996	1
Crab cakes (eggs)	S. Enteritidis	14	PA	7	1997	3
Crab cakes (eggs)	S. Enteritidis	6	MD	5	1997	3
Chili rellenos (eggs)	S. Enteritidis	5	CA	9	1997	1
Chicken-fried rice (eggs)	S. Enteritidis	13	OH	8	1997	1
Cheesecake (eggs)	S. Enteritidis	13	CA	8	1997	1
Cake w/meringue topping (eggs)	S. Enteritidis	13	WI	7	1997	9
Bearnaise sauce (eggs)	S. Enteritidis	50	PA	8	1997	1
Eggs	S. Enteritidis	3	WA	6	1996	11
Bearnaise sauce (eggs)	S. Enteritidis	30	NJ	3	1997	1
Eggs	S. Enteritidis	8	WA	2	1996	11
Eggs (sus.)	S. Enteritidis	9	MD	9	1996	1
Eggs (sus.)	S. Enteritidis (sus.)	9	NY	11	1991	1
Eggs	S. Enteritidis(sus.)	27	VA	7	2000	1
Caesar salad dressing (eggs)	S. Enteritidis; Salmonella Group D	28	NY	6	1995	1
Hollandaise sauce (eggs)	S. Enteritidis; Salmonella Group D	56	DC	8	1994	1
Caesar salad dressing (eggs); raw egg dishes	S. Enteritidis; Salmonella Group D	38	MD	10	1991	6
Egg-containing food	S. Group B	12	ME	4	2001	1
Raw egg milkshake; eggs	S. Group C1 (sus.)	317	NV	5	2001	1
Quail eggs	S. Hadar	3	WA	7	1999	1
Eggs	S. Heidelberg	2	WA	7	1995	11
Eggs	S. Heidelberg	6	CO	2	2001	1
Banana pudding with meringue (shell egg)	S. Heidelberg	56	TN	5	1990	1
Egg-containing food	S. Heidelberg	29	MA	4	2001	1
Homemade ice cream (sus.) (raw eggs)	S. Heidelberg	9	OR	7	1992	1
Rice pudding (eggs)	S. Infantis	113	GA	7	1992	1
Eggs; multiple foods	S. Infantis	78	MN	10	1996	1
Eggs	S. Montevideo	5	OH	3	1998	2
Homemade pasta (eggs)	S. Typhimurium	31	NM	6	1990	1
Eggs	S. Typhimurium	4	WA	6	1996	11
Homemade ice cream (eggs)	S. Typhimurium	31	KS	7	1992	1
Ice cream (raw eggs)	S. Typhimurium	25	PA	6	1991	1
Eggs	Salmonella Group B	60	NJ	8	1999	1
Egg salad; tuna salad	Salmonella spp	34	MI	7	2001	1
Chemzrel (eggs)	Salmonella spp.	12	NY	4	1992	1
Egg-containing dishes	Salmonella spp.	95	NY	10	1992	10
Eggs and egg-containing foods	Salmonella spp.	35	NY	6	1992	10
Ice cream (eggs)	Salmonella spp.	7	MD	6	1995	3
Eggs benedict and French toast	Salmonella spp.	3	NY	7	1992	10
Strawberry ice cream (eggs)	Salmonella spp.	30	AL	7	1990	1
Sage dressing (eggs)	Salmonella spp.	25	IA	5	1992	1
Stuffed mushrooms (eggs)	Salmonella spp.	2	NY	5	1993	10
Foods containing eggs	Salmonella spp.	15	NY	3	1993	10
Soft-cooked eggs	Salmonella spp.	2	NY	11	1993	10
Rice balls (eggs)	Salmonella spp.	17	NY	9	1993	10
Homemade popsicles (eggs)	Salmonella spp.	9	PR	9	1992	1
Eggs	Salmonella spp. (sus.)	2	FL	10	1998	1
Eggs	Salmonella spp. (sus.)	2	WA	7	1999	1
Eggs benedict	Staphylococcus spp. (sus.)	3	HI	11	1998	10
Custard	Viral (sus.)	46	NY	10	2000	1
Eggs	Viral (sus.)	56	CA	4	1993	1
Eggs Total Outbreaks: 306		Eggs Total Cases: 10,449				

Produce

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Vegetable-based salad; lettuce-based salad	B. cereus	3	TN	1	2001	1
Salad	B. cereus	3	TN	11	2000	1
Vegetable dip	B. cereus (sus.)	28	PA	12	1990	1
Onion	B. cereus (sus.)	2	FL	4	1998	1
Green chili salsa; chili sauce	B. cereus (sus.)	6	CO	6	2000	1
Onion, unspecified	B. cereus (sus.)	3	FL	2	1999	1
Bean dip	B. cereus (sus.)	4	WA	8	2000	1
Chili peppers	B. cereus (sus.)	3	CO	6	2000	1
Onion	B. cereus (sus.)	4	FL	10	2000	1
Potato; peas	B. cereus (sus.)	3	FL	12	2000	1
Vegetable	B. cereus (sus.), C. perfringens (sus.)	4	CA	7	2001	1
Home-canned beets	C. botulinum	2	OR	2	1997	5
Home-canned beets	C. botulinum	3	WA	5	1993	1
Home-canned eggplant	C. botulinum	2	CA	5	1996	1
Home-canned asparagus	C. botulinum	2	WA	7	1996	1
Home-canned asparagus	C. botulinum	2	WA	8	1994	1
Home-canned asparagus	C. botulinum	2	TX	1	1996	5
Home-canned asparagus	C. botulinum	3	ID	9	1995	1
Home-canned beans	C. botulinum	2	CA	10	1995	5
Home-canned carrots	C. botulinum	3	ID	12	1995	5
Baked potatoes used in a dip	C. botulinum	30	TX	4	1994	
Green beans	C. botulinum	1	WI	6	1991	1
Home-canned vegetables	C. botulinum	1	NY	9	1991	1
Tomato; squash	C. botulinum	2	CA	1	2000	1
Garlic oil (sus.)	C. botulinum	1	CA	10	1991	1
Home-canned corn	C. botulinum	1	TN	8	1990	1
Home-canned asparagus	C. botulinum	1	WA	6	1990	1
Garlic in oil	C. botulinum	3	FL	9	1999	1
Home-canned asparagus	C. botulinum	2	OR	1	1990	1
Home-canned pepper	C. botulinum	3	OH	4	2000	1
Home-canned peppers	C. botulinum	1	IL	8	1991	1
Homemade salsa	C. botulinum	2	CA	10	1990	1
Home-canned asparagus	C. botulinum	2	WA	6	1998	5
Home-canned pumpkin	C. botulinum	1	OR	12	1991	1
Raspberries	C. cayatenensis	38	FL	8	1995	1
Raspberries; blackberries	C. cayatenensis	19	GA	5	2000	1
Raspberries	C. cayatenensis	32	NY	5	1995	1
Blackberries; raspberries; strawberries	C. cayatenensis	94	FL	5	1999	1
Fruit	C. cayatenensis	26	VA	7	1997	1
Raspberries	C. cayatenensis	1012	14/ONT	4	1997	6
Basil	C. cayatenensis	59	MO	7	1999	1
Raspberries	C. cayatenensis	1465	21/ONT, QUE	5	1996	
Raspberries in a cake	C. cayatenensis	54	PA	6	2000	7
Basil	C. cayatenensis	341	VA, MD, DC	5	1997	1
Mesclun lettuce	C. cayatenensis	12	FL	12	1997	1
Raspberries in a cake (sus.)	C. cayatenensis (sus.)	8	NY	6	1996	1
Fruit salad	C. jejuni	14	MD	8	2001	1
Salad (contaminated by chicken)	C. jejuni	152	MN	6	1998	12
Lettuce-based salad	C. jejuni	13	CT	5	2000	1
Salad (sus.)	C. jejuni	70	NY	6	1996	1
Lettuce	C. jejuni	300	MN	6	1998	1
Lettuce	C. jejuni	14	OK	8	1996	1
Fruit salad	C. jejuni	62	MN	8	1994	1
Melon; strawberries	C. jejuni	48	MN	9	1993	1
Salad	C. jejuni	10	WA	6	1994	11
Lettuce	C. jejuni	5	WA	6	1995	11
Salad	C. jejuni	5	WA	7	1994	11
Green onions	C. parvum	54	WA	12	1997	1
Mashed potatoes	C. perfringens	34	NY	12	1996	1
Vegetable	C. perfringens	190	IL	5	1999	1
Spinach	C. perfringens	33	VA	12	2001	1
Corn casserole; macaroni; green beans	C. perfringens	16	AL	10	1995	1
Green chili; refried beans	C. perfringens	10	CO	2	1998	1
French fries	C. perfringens (sus.)	6	FL	2	2000	1
Broccoli; cheese; rice combination	C. perfringens (sus.)	9	GA	9	1992	1
Chili peppers	C. perfringens (sus.)	5	CO	12	1999	1
Green chili	C. perfringens (sus.)	10	CO	7	1998	1
Chili peppers	C. perfringens (sus.)	10	CO	3	1999	1
Green chili	C. perfringens (sus.)	59	CO	2	2001	1
Green chili	C. perfringens (sus.)	80	CO	7	1998	1
Glazed carrots	C. perfringens (sus.)	63	PA	5	1997	1
Green beans; beer	Calicivirus	30	MN	11	2000	10
Sweet potatoes	Campylobacter spp.	17	CT	8	1997	1
Strawberries	Cyclospora spp.	10	TX	5	1996	10
Lettuce (mesclun)	Cyclospora spp.	29	FL	3	1997	10
Salad	E. coli (ETEC) O6:NM	168	NH; RI	3	1993	1
Fruits and vegetables	E. coli O11:H43	25	MN	4	1994	2
Salad (sus.)	E. coli O111:H8	58	TX	6	1999	6

Produce

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Potatoes and asparagus (sus.)	E. coli O153:H45	507	WI	9	1994	1
Watermelon	E. coli O157:H7	736	WI	7	2000	1
Lettuce (romaine)	E. coli O157:H7	29	WA	7	2002	10
Alfalfa sprouts	E. coli O157:H7	108	VA, MI	6	1997	1
Salad	E. coli O157:H7	2	CA	5	1998	10
Vegetables	E. coli O157:H7	4	ME	9	1992	4
Lettuce iceberg	E. coli O157:H7	65	NE	2	1999	1
Romaine lettuce	E. coli O157:H7	6	WA	9	1999	11
Romaine lettuce	E. coli O157:H7	40	PA	10	1999	1
Fruit salad	E. coli O157:H7	47	WI	6	1998	1
Lettuce mesclun; red leaf	E. coli O157:H7	61	CT, IL, NY	5	1996	1
Lettuce leafy green, red, romaine	E. coli O157:H7	74	MT	7	1995	1
Lettuce	E. coli O157:H7	11	OH	10	1995	1
Melon; lemon bars	E. coli O157:H7	9	OR	5	1997	1
Caesar salad	E. coli O157:H7	20	ID	9	1995	1
Lettuce-based salad	E. coli O157:H7	20	TX	11	2001	1
Pear	E. coli O157:H7	14	WA	9	2001	1
Caesar salad	E. coli O157:H7	5	OR	10	1999	1
Grapes (red)	E. coli O157:H7	14	CA	10	2000	4
Cantaloupe	E. coli O157:H7	27	OR	8	1993	9
Mesclun lettuce (sus.)	E. coli O157:H7	7	NY	6	1996	1
Lettuce iceberg	E. coli O157:H7	30	ME	9	1995	1
Mashed potatoes	E. coli O157:H7	35	GA	10	2000	4
Salad	E. coli O157:H7	6	IN	10	2000	4
Salad lettuce	E. coli O157:H7	47	OH, IN	10	1999	1
Pea salad	E. coli O157:H7	16	WA	7	1993	4
Vegetable salad	E. coli O157:H7	10	WA	7	1993	11
Lettuce	E. coli O157:H7	20	TX	11	2001	4
Peppers; olives; lettuce	E. coli O157:H7 (sus.)	45	MN	11	1995	1
Alfalfa and clover sprouts	E. coli O157:NM	8	CA, NV	6	1998	1
Tomato and mozzarella salad	E. coli O25:NM	33	MA	6	1997	1
Parsley	E. coli O6:H16	66	MN	8	1998	1
Fresh fruit	G. intestinalis	20	MN	3	1991	1
Raw vegetables	G. lamblia	27	CT	11	1990	9
Pineapple	Heavy metals	21	FL	4	2000	1
Gazpacho	Heavy metals (sus.)	6	FL	8	2001	1
Green onions	Hepatitis A	43	OH	11	1998	9
Strawberries (frozen)	Hepatitis A	51	GA, MT	4	1990	1
Salad; sandwich	Hepatitis A	40	MI	7	1999	1
Salad	Hepatitis A	4	FL	8	1999	1
Salad	Hepatitis A	2	CO	10	1999	1
Green onions	Hepatitis A	555	PA	11	2003	6
Salad; fruit; cake	Hepatitis A	8	FL	4	1999	1
Strawberries (frozen)	Hepatitis A	29	TX	10	1998	1
Green onions; scallion	Hepatitis A	32	ML	11	2000	1
Guacamole;salsa	Hepatitis A	4	WA	3	2000	1
Strawberries	Hepatitis A	8	MA	3	2000	1
Fruit	Hepatitis A	21	MI	3	1997	1
Green onions	Hepatitis A	60	CA	11	1996	1
Frozen strawberries	Hepatitis A	256	5: MI, ME, WI, AZ, LA	1	1997	1
French fries	Hepatitis A	7	KS	10	2001	1
Tomatoes (diced)	Hepatitis A	92	AR	0	1994	10
Strawberries (frozen)	Hepatitis A	29	TX	10	1998	1
Carrots; celery sticks	Hepatitis A	17	MN	2	1993	1
Lettuce	Hepatitis A	130	MO	12	1990	1
Salad (vegetable)	Hepatitis A	3	CA	7	1990	9
Salad	Hepatitis A	39	WA	8	1990	11
Baked potato; chives	Hepatitis A	22	OK	12	1996	1
House salad; mesclun mix	Methomyl	31	OH	10	2000	21
Mushrooms	Mushroom poisoning	3	CA	12	1996	1
Mushrooms	Mushroom poisoning	2	NY	9	1993	1
Mushrooms	Mushroom poisoning	3	HI	3	1991	1
Mushrooms	Mushroom poisoning	5	CA	6	1990	1
Mushrooms	Mushroom poisoning	4	CA	2	1996	1
Mushrooms	Mushroom poisoning	3	CA	12	1996	1
Mushrooms	Mushroom poisoning	9	CA	1	1997	1
Mushrooms	Mushroom poisoning	2	WI	7	1998	1
Jack O' Lantern mushrooms	Mushroom poisoning	22	NY	8	1996	1
Mushrooms	Mushroom poisoning	4	OH	8	1997	1
Mushrooms (sus.)	Mushroom poisoning (sus.)	6	NY	9	1997	1
Wild mushrooms (sus.)	Mushroom poisoning (sus.)	2	NY	10	1991	1
Salad	Norovirus	67	VA	4	1998	1
Salad	Norovirus	51	GA	4	1998	1
Salad	Norovirus	51	FL	10	1991	1
Salad	Norovirus	5	OH	7	1998	1
Salad	Norovirus	34	MI	11	1998	1
Vegetable tray; cheese	Norovirus	37	MD	2	1999	1
Fresh-cut fruit	Norovirus	217	HI	0	1990	10

Produce

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Salad	Norovirus	83	OH	12	1999	1
Salad	Norovirus	63	OH	9	1999	1
Relish tray	Norovirus	9	OH	12	1999	1
Pre-packaged salad; deli meat	Norovirus	46	FL	10	1999	1
Lettuce-based salad	Norovirus	16	WV	10	1999	1
Tossed salad	Norovirus	117	AR	12	1991	1
Lettuce-based salad	Norovirus	27	MN	8	1999	1
Fruit; vegetable salad	Norovirus	43	OH	3	1999	1
Red grapes	Norovirus	15	MN	11	1999	1
Lettuce salad; baked potato	Norovirus	25	IL	5	1998	1
Strawberries; honeydew melon	Norovirus	41	SC	8	1998	1
Fruit	Norovirus	270	FL	9	1998	1
Cantaloupe; honeydew; watermelon	Norovirus	61	IA	6	1999	1
Lettuce	Norovirus	76	FL	12	1995	1
Melon; watermelon; pineapple	Norovirus	23	WI	5	1999	1
Multiple fruit	Norovirus	49	VA	5	1999	1
Multiple fruit	Norovirus	44	OR	7	1999	1
House salad	Norovirus	245	OH	10	1999	1
Multiple fruit	Norovirus	42	TN	11	1999	1
Fruit	Norovirus	23	FI	4	1997	10
Lettuce-based salad	Norovirus	19	FL	5	1999	1
Vegetable tray	Norovirus	75	VA	5	2001	1
Garden salad	Norovirus	69	CO	5	2000	12
Lettuce-based salad	Norovirus	8	OH	1	2001	1
Green salad	Norovirus	89	OR	1	2001	1
Green salad	Norovirus	80	GA	2	2001	1
House salad	Norovirus	51	KS	2	2001	1
House salad; water	Norovirus	15	KS	3	2001	1
Green beans	Norovirus	30	MI	3	2001	1
Fresh fruit	Norovirus	42	MN	3	2001	1
Lettuce	Norovirus	70	ME	4	2001	1
Multiple fruit; vegetable dip	Norovirus	44	MN	1	2000	1
Lettuce-based salad	Norovirus	34	CT	6	2001	1
Asparagus	Norovirus	85	CA	3	2002	12
Grapefruit; fruit salad	Norovirus	55	LA	6	2001	1
Salad	Norovirus	55	CT	12	2000	1
Green salad	Norovirus	56	WA	10	2001	1
Green salad	Norovirus	23	IN	12	2001	1
Broccoli	Norovirus	13	IN	12	2001	1
Lettuce-based salad	Norovirus	5	WA	4	2001	1
Fresh pineapple and fresh cantaloupe	Norovirus	42	MN	3	2001	1
Multiple fruit; potato	Norovirus	55	CA	8	2000	1
Lettuce-based salad	Norovirus	148	IL	12	2000	1
Tomato	Norovirus	31	OH	12	2000	1
Mixed vegetables; Waldorf salad	Norovirus	31	WA	12	2000	1
Fruit salad	Norovirus	107	OH	11	2000	1
Lettuce-based salad	Norovirus	43	OH	11	2000	1
Cucumber	Norovirus	39	TN	10	2000	1
Cherry tomato; vegetable dip	Norovirus	34	MN	10	2000	1
Cantaloupe; honeydew; pineapple; grapes	Norovirus	36	KS	1	2001	1
Lettuce-based salad; water	Norovirus	100	OH	8	2000	1
Green pea salad	Norovirus	14	IL	12	2001	1
Salad	Norovirus	82	MD	7	2000	1
Lettuce-based salad	Norovirus	3	OH	5	2000	1
Green salad	Norovirus	62	CO	5	2000	1
Fruit salad; multiple cheeses	Norovirus	23	WI	3	2000	1
Green salad	Norovirus	300	PA	2	2000	1
Green peppers; celery	Norovirus	62	WA	12	1999	1
Caesar salad	Norovirus	26	OH	12	1999	1
Lettuce-based salad	Norovirus	7	OH	2	2000	1
Lettuce-based salad; pasta	Norovirus	115	MI	10	2000	1
Green salad	Norovirus	22	VA	12	2001	1
Lettuce; tomatoes	Norovirus	115	WA	9	1999	1
Lettuce-based salad	Norovirus	31	OH	6	2001	1
Carrots	Norovirus	41	CO	11	2001	1
Pineapple; honeydew	Norovirus (sus.)	100	CO	1	2001	1
Salad	Norovirus (sus.)	18	NC	6	1999	1
Salad; ice	Norovirus (sus.)	4	FL	4	1999	1
Garden salad (sus.)	Norovirus (sus.)	14	FI	8	1997	10
Onion	Norovirus (sus.)	69	CA	10	2000	1
Fruit	Norovirus (sus.)	2	WA	11	2000	1
Green salad	Norovirus (sus.)	18	FL	12	2000	1
Salad	Norovirus (sus.)	12	FI	9	1997	10
Salad; deviled eggs	Norovirus (sus.)	12	FL	4	1998	1
Green salad	Norovirus (sus.)	22	FL	5	1998	1
Caesar salad; green salad	Norovirus (sus.)	35	FL	2	1998	1
Spinach salad; pasta salad	Norovirus (sus.)	9	FL	1	1999	1
Vegetable-based salad	Norovirus (sus.)	40	MN	10	2001	1

Produce

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Green salad	Norovirus (sus.)	37	OR	10	2001	1
Mixed green salad	Norovirus (sus.)	20	FI	3	1997	10
Tossed salad (sus.)	Norovirus (sus.)	27	FI	4	1998	10
Salad	Norovirus (sus.)	25	VA	1	1999	1
Avocado	Norovirus (sus.)	32	CA	12	2001	1
Green pea salad; vegetable-based salad	Norovirus (sus.)	21	IN	12	2001	1
Green salad	Norovirus (sus.)	27	CA	4	2000	1
Salsa	Norovirus (sus.)	6	FL	3	2000	1
Green beans; carrots; potatoes	Norovirus (sus.)	27	IL	2	2000	1
Vegetable tray	Norovirus (sus.)	18	MN	12	2001	1
Fresh fruit; stuffed eggs	Norovirus (sus.)	238	HI	3	1990	1
Lettuce; tomato	Norovirus (sus.)	20	CO	5	1999	1
Lettuce	Norovirus (sus.)	8	CA	10	1999	1
Pickles; water	Norovirus (sus.)	19	PA	1	2000	1
Lettuce	Norovirus (sus.)	127	GA	8	1999	1
Lettuce	Norovirus (sus.)	20	NC	2	1999	1
Cabbage salad	Norovirus (sus.)	26	CA	11	2001	1
Vegetable tray	Norovirus (sus.)	33	NY	6	2001	1
Lettuce-based salad	Norovirus (sus.)	15	ME	12	2000	1
Mesclun mix	Norovirus (sus.)	24	MA	7	2001	1
Celery	Norovirus (sus.)	19	CA	7	2001	1
Lettuce-based salad	Norovirus (sus.)	5	CA	7	2001	1
Strawberries; banana bread	Norovirus (sus.)	100	CA	5	2000	1
Cantaloupe	Norovirus (sus.)	5	MN	9	1999	1
Lettuce-based salad	Norovirus (sus.)	43	WA	9	2001	1
Green salad	Norovirus (sus.)	37	WA	6	2001	1
Fruit salad	Norovirus (sus.)	5	CA	10	2001	1
Carrots; vegetable dip; caesar salad; green salad	Norovirus (sus.)	14	IL	2	2001	1
Fruit salad; carrots	Norovirus (sus.)	48	FL	3	2001	1
Lettuce-based salad; bread	Norovirus (sus.)	17	WA	3	2001	1
Lettuce-based salad; garlicbread	Norovirus (sus.)	96	MA	6	2001	1
Strawberry shortcake	Norovirus (sus.)	42	CA	6	2001	10
Carrots; lettuce; celery	Norovirus (sus.)	4	FL	6	2001	1
Fruit	Norovirus (sus.)	27	WA	1	1999	1
Fruit salad; macaroni salad	Norovirus (sus.)	16	MN	9	1999	1
Iceberg lettuce	Norovirus (sus.)	12	CO	6	2001	1
Salsa; tostada	Norovirus (sus.)	2	WA	12	2000	1
Mixed vegetables	Norovirus (sus.)	12	MN	11	1999	1
Fruit; butter cookies	Norovirus (sus.)	11	MN	12	1996	1
Mesclun mix salad	Norovirus (sus.)	56	RI	5	1999	1
House salad	Norovirus (sus.)	9	MN	7	2001	1
Lettuce-based salad	Norovirus (sus.)	5	FL	7	1999	1
Salad	Norovirus (sus.)	9	CO	5	1999	1
Fruit salad	Norovirus (sus.)	7	OH	5	1999	1
Fruit salad	Norovirus (sus.)	43	PA	4	1999	1
Leaf lettuce	Norovirus (sus.)	14	FL	3	1998	1
Caesar salad	Norovirus (sus.)	7	FL	12	1999	1
Lettuce; tomato	Norovirus (sus.)	28	CA	11	1999	1
Onion; green beans	Norovirus (sus.)	9	MN	4	1999	1
House salad	Norovirus (sus.)	2	FL	10	2001	1
House salad	Other chemical (sus.)	24	CA	3	2001	1
French fries	Other chemical (sus.)	3	FL	5	2000	1
Salad	Other viral (sus.)	21	CO	1	1998	1
Green chili	Other viral (sus.)	3	CO	1	1998	1
Salad	Other viral (sus.)	65	IL	3	1995	1
Salad	Other viral (sus.)	18	VA	9	1998	1
Salad	Other viral (sus.)	11	CO	4	1998	1
Fresh fruit	Parasite (sus.)	8	IL	6	1996	1
Seaweed	Pseudomonas and Vibrio	7	HI	9	1994	6
Alfalfa sprouts	S. Anatum	15	WA	10	1990	1
Mashed potatoes with gravy	S. aureus	3	CA	8	2001	1
Poi (ground vegetable)	S. aureus	3	HI	9	1994	1
Baked potato	S. aureus	19	VA	6	2000	1
Poi (ground vegetable)	S. aureus	11	HI	8	1999	1
Mashed potatoes	S. aureus	6	FL	10	1995	1
Caesar salad; spinach salad	S. aureus (sus.)	5	FL	5	2000	1
Garlic and oil	S. aureus (sus.)	5	FL	4	2000	1
Potato salad; potato soup	S. aureus (sus.)	2	FL	4	2000	1
House salad	S. aureus (sus.)	2	FL	12	2001	1
Lemon	S. aureus (sus.)	4	FL	1	2001	1
Baked potato	S. aureus (sus.)	2	FL	8	1999	1
Melon	S. aureus (sus.); B. cereus (sus.)	55	IL	5	2000	1
Salsa	S. aureus (sus.); B. cereus (sus.)	13	CA	7	1999	1
Tomatoes	S. Baildon	77	AZ, CA, GA, VA	12	1998	1
Salad	S. Baildon	264	TN	5	1998	1
Guacamole	S. boydii	40	CA	8	1998	1
Lettuce	S. Braenderup	19	NY	5	1994	1
Salad; salad dressing	S. Braenderup (sus.)	75	MI	5	2000	1

Produce

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Cantaloupe	S. Chester	245	30	0	1990	10
Whipped potatoes	S. Enteritidis	12	CA	7	1996	1
Salad	S. Enteritidis	39	MA	10	1995	1
Potato	S. Enteritidis	21	PA	12	1998	1
Fruit salad	S. Enteritidis	4	UT	8	2000	1
Sweet potatoes	S. Enteritidis	6	IL	11	1997	1
Baked potato with cheese	S. Enteritidis	8	IL	7	1998	1
Salad	S. Enteritidis	11	CA	10	1997	1
Mixed vegetables	S. Enteritidis	4	PA	6	2000	1
Fruit	S. Enteritidis	13	VA	5	1999	1
Potato salad	S. Enteritidis	9	VT	8	2000	1
Honeydew; watermelon	S. Enteritidis	82	CA	7	1999	1
Salsa	S. Enteritidis	123	TX	3	2002	12
Salad; Italian dressing	S. Enteritidis	11	NY	5	1997	1
Caesar salad	S. Enteritidis	31	NJ	5	1990	1
Mung bean sprouts	S. Enteritidis	35	FL	4	2001	1
Baked stuffed potatoes (sus.)	S. Enteritidis	5	NJ	6	1993	1
Mung bean sprouts	S. Enteritidis	75	CA, NE, OR, MA	3	2000	12
Lettuce	S. Enteritidis	12	VT	4	1992	3
Mung bean sprouts	S. Enteritidis	26	HI	1	2001	1
Fruits and vegetables	S. Enteritidis	11	OR	10	1990	2
Mashed potatoes	S. Enteritidis	8	KY	9	1991	3
Salad	S. flexneri	3	WA	7	1994	11
Salad (vegetable)	S. flexneri	46	MI, OH	7	1992	9
Lettuce; potato chips	S. flexneri	32	CA	1	1999	1
Salsa	S. flexneri	15	IL	4	1995	1
Green onions	S. flexneri	97	Multistate; IL; IN	6	1994	1
Tomato	S. flexneri	886	NY	5	2001	1
Alfalfa sprouts	S. Havana; Cubana; Tennessee	40	CA; MD; AZ	5	1998	1
Lettuce	S. Heidelberg	18	MN	1	1993	1
Caesar salad	S. Heidelberg	25	PA	5	1999	1
Melon	S. Heidelberg	4	CO	6	2000	1
Green salad	S. Infantis	35	MD	7	1993	1
Sprouts (alfalfa and other varieties)	S. Infantis; Anatum	109	KS, MO	2	1997	8
Tomatoes	S. Javiana	176	4	6	1990	9
Watermelon	S. Javiana	27	WI	5	1993	1
Cut fruit (melons)	S. Javiana	11	WA	6	1999	1
Dishes made with roma tomatoes (sus.)	S. Javiana	141	FI	7	2002	6
Watermelon	S. Javiana	39	MI	6	1991	1
Tomatillos; salsa	S. Javiana	17	CO	7	1998	1
Mashed potatoes	S. Javiana (sus.)	4	FL	9	2000	1
Alfalfa sprouts	S. Kottbus	32	AZ; CA; CO; NM	2	2001	6
Alfalfa sprouts	S. Kottbus	32	ML	2	2001	1
Alfalfa sprouts	S. Mbandaka	83	8	1	1999	1
Red chili	S. Montevideo	27	CO	6	2000	1
Lettuce and tomatoes	S. Montevideo	122	IL, MN, WI	7	1993	1
Salad	S. Montevideo	320	IL	2	1990	1
Tomatoes	S. Montevideo	100	4	6	1993	
Alfalfa and clover sprouts	S. Montevideo; Meleagridis	650	CA	5	1996	8
Alfalfa sprouts	S. Muenchen	61	WI	9	1999	1
Alfalfa sprouts	S. Muenchen	38	CA	10	1999	1
Alfalfa sprouts	S. Newport	69	OR	12	1995	1
Pico de gallo	S. Newport	96	AR	6	2000	1
Alfalfa sprouts	S. Newport	133	7/ Can, Denmark	9	1995	
Mango	S. Newport	79	13	11	1999	1
Cilantro	S. Newport	8	CA	5	2001	1
Mangoes	S. Oranienburg	9	WA	5	1998	11
Cantaloupe	S. Poona	47	6	4	2000	12
Cantaloupe	S. Poona	400	23/Can.	6	1991	6
Honeydew; musk melon; watermelon	S. Poona	23	CA	6	2001	1
Cantaloupe	S. Poona	50	5	4	2001	6
Cantaloupe	S. Poona	58	14	3	2002	6
Mango	S. Saint Paul	26	ML	2	2001	1
Clover sprouts	S. Saint Paul	36	CA	6	1999	1
Cantaloupe	S. Saphra	25	CA	2	1997	1
Green grapes	S. Senftenberg	40	ML	9	2001	1
Grapes (green)	S. Senftenberg	41	6	7	2001	8
Sprouts	S. Senftenberg	60	multistate	9	1997	1
Homemade dip	S. sonnei	16	MO	6	1993	1
Caesar salad; green salad; carrots	S. sonnei	7	CA	12	2001	1
Salsa	S. sonnei	318	CA	9	1998	1
Basil	S. sonnei	10	CT; MA	5	1999	1
Lettuce	S. sonnei	7	WI	12	1997	1
Salsa	S. sonnei	221	CA	10	2000	1
Mesclun mix; salad dressing	S. sonnei	4	VA	8	2000	1
Parsley	S. sonnei	486	4/ALB, ONT	7	1998	1
Green salad	S. sonnei	11	WA	1	2001	1
Red salsa	S. sonnei	18	CA	9	2001	1

Produce

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Fresh fruit; onion dip	S. sonnei	24	MN	8	2000	10
Pico de gallo	S. sonnei	6	MD	2	1995	1
Five-layer dip	S. sonnei	494	10	1	2000	12
Strawberries on a flan	S. sonnei (sus.)	3	CA	3	1999	1
Alfalfa sprouts	S. Stanley	128	17	3	1995	1
Alfalfa sprouts	S. Stanley	30	VA	2	1996	1
Tomato	S. Thompson	43	ML	11	2000	1
Lettuce	S. Thompson	16	MN	4	1994	1
Cilantro	S. Thompson	35	CA	3	1999	1
Mamey	S. Typhimurium	14	FL	12	1998	10
Guacamole	S. Typhimurium	21	AZ	5	1990	1
Alfalfa/clover sprouts	S. Typhimurium	119	CO, CT	1	1999	
Salad; fresh fruit; vegetables	S. Typhimurium	14	MN	8	1995	1
Stuffed cabbage	S. Typhimurium	21	PA	6	1991	1
Fruit	S. Typhimurium	16	FL	2	1999	1
Cantaloupe	Salmonella spp	2	OR	12	2001	1
Alfalfa sprouts	Salmonella spp.	22	CA	2	2001	12
Alfalfa sprouts	Salmonella spp.	34	MI	9	1999	1
Alfalfa sprouts	Salmonella spp. (sus.)	3	FL	5	2000	1
Salad	Salmonella spp. (sus.)	3	FL	5	1998	1
Chef salad	Salmonella spp. (sus.)	3	MD	2	1999	1
Vegetable dip	Shigella spp.	20	FL	11	1994	1
Cabbage salad	Unsp. chemical	14	LA	7	1998	1
Ranch dressing; salad	Unsp. virus	150	IN	6	1997	1
Lettuce salad with dressing	Unsp. virus (sus.)	75	NY	12	1992	10
Steamed vegetables	Unsp. virus (sus.)	39	NY	10	1992	10
Tossed salad	Unsp. virus (sus.)	108	NY	8	1992	10
Fruit; bread; cheese	V. cholerae O1	2	IN	12	1994	1
Vegetable salad	Viral	40	MN	10	2001	1
Fresh sliced fruit and strawberries	Viral (sus.)	32	CP	7	2001	1
Cabbage	Viral (sus.)	50	WA	4	1999	1
Tossed salad	Viral (sus.)	89	IL	11	1993	1
Salad	Viral (sus.)	18	WA	3	1999	1
Salad, brownie, beverage	Viral (sus.)	7	NY	11	1999	1
Vegetable-based salad	Viral (sus.)	11	WA	12	2000	1
Salad; ice	Viral (sus.)	6	ME	4	1999	1
Vegetables	Viral (sus.)	57	NY	6	1996	1
Lettuce	Viral (sus.)	285	IL	7	1993	1
Produce Total Outbreaks: 428	Produce Total Cases: 23,857					

Beverages

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Guanabana juice	Annonaceous acetogenins toxin	80	TX	1	1990	10
Fruit punch	C. freundii (sus.)	8	NJ	11	1992	1
Apple cider	C. parvum	31	NY	9	1996	1
Orange juice; whole milk	Chemical (sus.)	106	FL	5	1999	1
Orange juice	Chemical (sus.)	3	FL	3	1999	1
Soda	Chemical (sus.)	2	FL	10	1999	1
Tea	Chemical (sus.)	4	OH	1	1999	1
Non-dairy beverages (sus.)	Chemical: Rhodorula (sus.)	23	OH	11	1993	1
Unpasteurized apple cider	Cryptosporidium spp.	160	ME	10	1993	1
Unpasteurized apple cider	E. coli O157:H7	6	IN	10	1997	1
Apple cider	E. coli O157:H7	23	MA	10	1991	1
Punch	E. coli O157:H7	21	KS	10	1995	1
Apple cider	E. coli O157:H7	12	CT	10	1996	1
Apple cider	E. coli O157:H7	6	WA	10	1996	1
Apple juice	E. coli O157:H7	70	WA, CA, CO, BC	10	1996	
Unpasteurized apple cider	E. coli O157:H7	25	OK	10	1999	1
Punch	E. coli O157:H7	18	WA	7	2000	1
Fountain soda	Heavy metals	3	FL	9	1995	1
Coffee	Heavy metals	6	MI	12	1994	1
Orange soda	Heavy metals (sus.)	2	NY	4	1993	10
Soda	Norovirus	125	IL	10	1999	1
Lemonade	Norovirus	4	OH	6	2001	1
Lemonade	Norovirus	20	IL	7	2001	1
Non-dairy beverage	Norovirus	9	NY	8	2000	1
Punch	Norovirus	18	WV	2	2001	1
Soft drinks	Norovirus	99	TX	8	1998	12
Fruit smoothie	Norovirus	136	GA	4	2000	1
Non-dairy beverage	Norovirus	41	KY	8	1998	1
Slush drink	Norovirus	110	OH	5	2001	1
Tea	Norovirus	45	CA	3	2000	1
Beer; pickled beans	Norovirus	30	MN	11	2000	1
Fruit punch; tea	Norovirus (sus.)	32	NJ	5	2001	1
Soda	Norovirus (sus.)	4	MN	12	1999	1
Alcohol	Norovirus (sus.)	31	NY	12	2001	1
Liquor	Other chemical	2	WA	3	2001	1
Soda	Other chemical (sus.)	3	FL	5	2001	1
Coffee specialty drink	Other chemical (sus.)	2	WA	10	2001	1
Lemonade	Other chemical (sus.)	9	FL	7	2000	1
Orange juice	Other chemical (sus.)	2	FL	4	2000	1
Orange drink mix (sus.)	S. Agona	28	WA	10	1991	1
Orange juice unpasteurized	S. Anatum	10	FL	2	1999	1
Unpasteurized orange juice	S. Enteritidis	88	6	3	2000	10
"Naked" juice	S. Enteritidis	3	AZ	4	2000	9
Orange juice	S. Hartford; Gaminara; Rubislaw	62	FL	5	1995	1
Iced tea	S. Javiana	25	MO	8	1995	1
Orange juice	S. Muenchen	400	25/3	6	1999	
Pineapple juice	Tin	45	FL, TX	4	1997	
Draft beer	Unsp. chemical	3	FL	12	1995	1
Punch	Unsp. chemical	25	MN	12	1991	1
Paraguayan tea	Unsp. chemical	7	NY	3	1994	1
Diet soda	Unsp. chemical	2	NY	7	1990	1
Soft drink; cola	Unsp. chemical	2	NY	5	1993	1
Fresh frozen coconut milk	V. cholerae O1	4	MD	8	1991	1

Beverages Total Outbreaks: 53

Beverages Total Cases: 2,035

Dairy

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Multiple dairy products (sus.)	A. viridans (sus.)	21	CA	11	1993	1
Hot chocolate	B. cereus	4	MN	8	1994	1
Sour cream; guacamole	B. cereus (sus.)	2	FL	10	1998	1
Homemade cheese (unpasteurized)	Brucella	4	CA	7	2001	1
Canned cheese sauce	C. botulinum	8	GA	10	1993	1
Cottage cheese	C. fetus	13	OH	12	1992	6
Milk (unpasteurized)	C. jejuni	3	PA	8	2000	1
Milk (unpasteurized)	C. jejuni	11	OK	6	2000	1
Milk (unpasteurized)	C. jejuni	42	ID	6	2000	1
Homemade cheese; unpasteurized	C. jejuni	18	MI	4	2000	1
Milk (unpasteurized)	C. jejuni	39	NY	9	2000	1
Milk (unpasteurized)	C. jejuni	21	OK	2	2000	1
Milk (unpasteurized)	C. jejuni	4	ID	2	2000	1
Milk	C. jejuni	29	NY	6	1996	1
Raw milk	C. jejuni	2	WA	6	1999	1
Milk	C. jejuni	6	SD	7	1998	1
Milk (unpasteurized)	C. jejuni	19	WI	5	2000	1
Raw goat's milk	C. jejuni	3	WA	7	1991	1
Raw milk	C. jejuni	2	WA	4	1990	11
Raw milk	C. jejuni	42	TX	5	1990	1
Milk (unpasteurized)	C. jejuni	4	MN	3	2001	1
Milk (unpasteurized)	C. jejuni	75	WI	11	2001	1
Raw milk	C. jejuni	13	WA	3	1990	11
Raw milk	C. jejuni	3	WA	10	1992	11
Raw milk	C. jejuni	50	MN	5	1992	1
Milk	C. jejuni	23	NY	4	1992	1
Hard cheese	C. perfringens	9	NY	11	1995	1
Milk	Campylobacter spp.	3	NY	7	1998	1
Malts made with unpasteurized milk (sus.)	Campylobacter spp.	8	MN	6	2000	10
Raw milk (sus.)	Campylobacter spp.	11	ME	2	1992	1
Milk (unpasteurized)	Campylobacter spp.	2	TX	2	2000	1
Milk	E. coli O104:H21	18	MT	2	1994	1
Milk	E. coli O157:H7	2	ME	7	1998	1
Milk (unpasteurized)	E. coli O157:H7	202	NC	11	2001	1
Raw milk	E. coli O157:H7	8	WA	6	2000	4
Cheese curds	E. coli O157:H7	63	WI	6	1998	1
Raw milk	E. coli O157:H7	4	OR	6	1993	1
Milk (unpasteurized)	E. coli O157:H7	2	ME	5	2001	1
Raw milk	E. coli O157:H7	6	OR	12	1992	1
Ice cream bars	E. coli O157:H7	3	IL	5	1997	1
Raw milk	E. coli O157:H7 (sus.)	5	HI	8	1990	1
Ice cream	G. intestinalis	6	IL	9	1996	1
Cheese	Hepatitis A	15	FL	6	1990	1
Milkshake	Hepatitis A	8	UT	6	2001	1
Queso fresco	L. monocytogenes	12	NC	11	2000	6
Chocolate milk	L. monocytogenes	69	WI, MI, IL	6	1994	1
Multiple cheeses	Norovirus	258	MD	9	1998	1
Brie; cocktail sauce	Norovirus	8	OR	12	1999	1
Cheesecake	Norovirus	329	GA	5	2001	1
Multiple cheeses; punch	Norovirus	35	FL	8	2000	1
Cheesecake	Norovirus	12	OR	12	1999	1
Swiss cheese (pasteurized)	Norovirus	73	OH	1	2001	1
Multiple cheeses (pasteurized)	Norovirus	34	FL	12	2001	1
Ice cream	Norovirus	73	OH	12	1999	1
Milkshake; nachos	Norovirus (sus.)	26	MD	3	1998	1
Mozarella	Norovirus (sus.)	6	FL	5	2000	1
Cheese; unspecified	Norovirus (sus.)	7	MN	7	1999	1
Ice cream	Other viral (sus.)	60	IL	5	1995	1
Cream cheese	Other viral (sus.)	6	CO	2	1998	1
Whipped butter blend	S. aureus	15	NV	10	1991	1
Milk; sauce	S. aureus	20	NM	3	1998	1
Cheese pizza	S. aureus (sus.)	7	FL	5	2000	1
Cheese pizza	S. aureus (sus.)	4	FL	4	2001	1
Cheese	S. aureus (sus.)	3	FL	4	2001	1
Ice cream	S. aureus (sus.)	2	FL	10	2000	1
Milkshake	S. aureus (sus.)	2	FL	2	1999	1
Ice cream (commercial)	S. aureus (sus.)	3	FL	8	1999	1
Cheese sauce	S. Braenderup	23	PA	6	1990	1
Ice cream (commercial)	S. Enteritidis	743	41	9	1994	1
Ice cream (homemade)	S. Enteritidis	5	SD	12	1994	1
Ice cream; commercial	S. Enteritidis	132	OH	8	2000	1
Ice cream	S. Enteritidis	186	IL	9	1994	1
Goat cheese	S. Enteritidis	5	PA	11	1994	1
Ice cream; homemade	S. Enteritidis	5	PA	8	2000	1
Ice cream (homemade)	S. Enteritidis	12	ID	6	2001	1
Ice cream	S. Enteritidis	9	PA	5	2000	1
Cheese sauce (sus.)	S. Enteritidis	50	IL	4	1992	1
Ice cream	S. Enteritidis	9	PA	6	1990	1

Dairy						
Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Processed cheese	S. Enteritidis	12	NY	7	1990	1
Homemade ice cream	S. Enteritidis	3	MD	4	2001	1
Ice cream (homemade)	S. Enteritidis	118	OH	7	1996	1
Ice cream (homemade) (sus.)	S. Enteritidis	27	VA	7	1995	1
Ice cream (homemade) (sus.)	S. Enteritidis	10	NM	9	1996	1
Fried ice cream	S. Enteritidis	8	TN	6	1996	1
Ice cream (homemade)	S. Enteritidis	4	UT	11	1999	1
Ice cream	S. Enteritidis	4	UT	12	1999	1
Ice cream (homemade); sherbet	S. Enteritidis	20	CA	7	1996	1
Milk	S. faecalis (sus.)	3	WI	6	1997	1
Sour cream	S. flexneri	38	IL	9	1993	1
Ice cream	S. Heidelberg	6	MS	7	1990	1
Ice cream (homemade); cake	S. Heidelberg	22	OK	8	1994	1
Ice cream	S. Heidelberg	12	TN	7	1999	1
Ice cream	S. Heidelberg	7	MS	2	1998	1
Queso fresco; cream	S. Newport	38	CA	12	2001	1
Mozarella	S. Newport	4	CT	8	2001	1
Multiple cheeses (unpasteurized)	S. Newport	27	MI	4	2001	1
Raw-milk cheese	S. Newport	15	CT	3	2001	1
Cheese; lettuce; tomatoes	S. sonnei	300	MN	3	1994	1
Powdered milk	S. Tennessee	3	Multi-state	5	1993	1
Cheese sauce	S. Typhi; Hepatitis A	23	FL	11	1996	8
Chocolate milk (raw)	S. Typhimurium	82	OH	9	1999	1
Ice cream	S. Typhimurium	2	MO	7	1990	1
Homemade cheese	S. Typhimurium	8	OR	1	1998	1
Milk (unpasteurized)	S. Typhimurium	62	IL, IN, OH, TN	12	2002	6
Raw milk	S. Typhimurium	2	WA	8	1990	11
Milk	S. Typhimurium	47	MA	10	1998	1
Cheese; unspecified	S. Typhimurium	49	MD	9	1999	1
Chocolate milk	S. Typhimurium	37	MI	3	1991	1
Raw-milk cheese	S. Typhimurium DT104	89	WA	1	1997	11
Mexican cheese	S. Typhimurium DT104	31	CA	2	1997	1
Raw-milk cheese	S. Typhimurium DT104b	147	CA	2	1997	9
Raw milk	S. Typhimurium var. copenhagen	3	CA	4	1995	1
Queso fresco	Salmonella spp.	89	WA	5	1997	1
Ice cream (homemade)	Salmonella spp.	26	MO	7	2001	1
Chocolate milk	Salmonella spp.	19	NV	10	1996	1
Queso fresco	Salmonella spp.	79	CA	4	1997	1
Cheese	Salmonella spp. (sus.)	2	FL	8	1998	1
Ice cream sandwich	Salmonella spp. (sus.)	4	CA	9	1994	1
Cherry-flavored ice-cream pops	Unsp. chemical	4	NY	4	1991	1
Pasteurized milk	Y. enterocolitica O:8	10	VT, NH	10	1995	9
Dairy Total Outbreaks: 120	Dairy Total Cases: 4,575					

Breads and Bakery

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Chocolate cake with icing	B. cereus	12	OH	12	1990	1
Bread; beets	C. perfringens	65	LA	4	1998	1
Berry dessert	Cyclospora spp.	16	TX	5	1996	10
Brownie	E. coli O157:H7	29	WI	10	2000	1
Cake	E. coli O157:H7	20	CA	9	1998	4
Wedding cake	G. lamblia (sus.)	22	NY	8	1992	10
Brownie	Heavy metals	2	FL	12	1999	1
Sugar-glazed baked goods	Hepatitis A	64	NY	4	1994	1
Chocolate cake; cupcakes	Hepatitis A	11	NY	2	1991	1
Cake (cherry flavored)	Hydrocarbon (sus.)	11	NY	8	1992	10
Cake	Listeria spp. (sus.)	16	FL	1	1997	1
Hamburger buns; cookies	Norovirus	250	MN	11	1992	1
Fruit rolls (sus.)	Norovirus	14	ID	3	1996	1
Cookies	Norovirus	150	OH	12	1999	1
Bread; butter	Norovirus	23	IL	4	1999	1
Butter cream frosting	Norovirus	128	GA	2	2000	12
Fruit tarts	Norovirus	97	CA	9	1995	1
Rolls; butter	Norovirus	25	NY	1	2000	1
Cake	Norovirus	12	OR	5	2000	1
Cake	Norovirus	63	MI	6	2000	1
Cookies	Norovirus	44	IA	12	2001	1
Rolls	Norovirus	15	MN	12	2000	1
Cake	Norovirus	13	CA	8	2001	1
Cake; ice cream	Norovirus	6	FL	7	2000	1
Bakery	Norovirus	55	KS	9	2001	1
Cake	Norovirus	6	MD	7	2001	1
Cake	Norovirus (sus.)	7	FL	10	1999	1
Brownies; cookies; fruit	Norovirus (sus.)	24	FL	6	1998	1
Cake; cookies	Norovirus (sus.)	8	OH	5	1999	1
Butter cream frosting (sus.)	Norovirus (sus.)	11	FL	10	1997	10
Bread	Norovirus (sus.)	14	NC	12	1999	1
Cake	Norovirus (sus.)	7	MD	6	1998	1
Rolls	Norovirus (sus.)	12	MN	5	1999	1
Cake	Norovirus (sus.)	6	FL	2	2001	1
Chocolate cake	Norovirus (sus.)	21	WA	3	2001	1
Cake	Norovirus (sus.)	13	NJ	4	2001	1
Bread	Norovirus (sus.)	5	CA	5	2001	1
Cake	Norovirus (sus.)	7	OR	5	2001	1
Dessert; brownie	Norovirus (sus.)	17	MN	2	2000	1
Rolls	Norovirus (sus.)	6	IL	11	2000	1
Chocolate cake	Other chemical (sus.)	4	FL	12	2001	1
Chocolate cake	Other chemical (sus.)	2	FL	3	2000	1
Frosting; icing	S. Adelaide	11	OH	2	1999	1
Chocolate cake	S. Adelaide, Heidelberg, Infantis	16	CA	11	1998	1
Toasted oats cereal	S. Agona	215	23	4	1998	
Coconut cream pie	S. aureus	11	WI	4	1990	1
Banana split cream pie	S. aureus	50	KS	7	1991	1
Breading mix	S. aureus	5	OR	3	1998	2
Coconut cream pie	S. aureus	3	IA	6	1991	1
Coconut cream pie	S. aureus	7	FL	2	1996	1
Pie	S. aureus	4	OH	4	1999	1
Coconut cream pie	S. aureus	50	IN	12	1994	1
Coconut cream pie	S. aureus	3	OH	7	1995	1
Bun	S. aureus (sus.)	2	FL	3	2000	1
Muffins; doughnuts	S. dysenteriae	12	TX	10	1996	9
Cake	S. Enteritidis	70	NJ	9	1993	1
Cannolis and cassata cake	S. Enteritidis	196	MI	2	2002	10
Bread stuffing	S. Enteritidis	26	GA	9	1991	3
Bun; homemade mayonnaise	S. Enteritidis	6	CA	7	1999	1
Bakery items	S. Enteritidis	5	NY	9	1993	1
Desserts (sus.)	S. Enteritidis	11	NY	1	1992	1
Cream pie with meringue (sus.)	S. Enteritidis	16	PA	10	1992	1
Coconut cream pie	S. Enteritidis	2	PA	6	2001	1
Cake with frosting	S. Enteritidis	37	CA	1	1991	1
Cannoli; cream puffs	S. Enteritidis	16	MD	8	1998	1
French toast	S. Enteritidis	20	NY	7	1990	1
Pastries	S. Enteritidis	26	NY	9	2001	1
Coconut cream pie	S. Enteritidis	2	VA	4	1996	1
Tiramisu; caesar salad	S. Enteritidis	5	NY	6	1999	1
Pie	S. Enteritidis	39	MO	5	1999	1
French toast (sus.)	S. Enteritidis	2	NY	8	1997	1
French toast (sus.)	S. Enteritidis	3	WI	8	1997	1
Cake	S. Enteritidis	29	TX	5	2001	1
Cake	S. Enteritidis	40	NY	10	2001	1
Crepe	S. Enteritidis	2	IL	3	1998	1
French toast	S. Enteritidis	19	WV	11	1990	1
Cream puff eclair	S. Enteritidis	18	NJ	7	1990	1
Pumpkin pie	S. flexneri	6	CA	3	1994	1

Breads and Bakery

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Tres leches cake	S. Heidelberg	114	CA	8	1998	10
Baked goods	S. Heidelberg	9	OK	10	1994	2
Sugar-free pie	S. Heidelberg	10	OK	10	1994	1
Bakery foods	S. Heidelberg	4	WA	6	1995	11
Pie	S. Heidelberg	9	VA	4	1998	1
Cake	S. Heidelberg	200	CA	8	1998	1
Bread	S. Typhimurium; Calicivirus; Norwalk-like	14	FL	7	1999	1
Rolls	Salmonella spp.	36	MO	5	1993	1
Rolls; macaroni; cheese	Salmonella spp.	10	OH	9	1990	1
Merengue pie	Salmonella spp. (sus.)	18	MD	8	2000	1
Cake with frosting	Unsp. chemical (sus.)	11	NY	1	1993	10
Bread; salad	Virai (sus.)	14	NY	11	1999	1

Breads and Bakery Outbreaks: 90 Breads and Bakery Cases: 2,767

Multi-Ingredient

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Barbecue sauce; other food	B. cereus	28	TX	3	2001	1
Marinara sauce	B. cereus	22	FL	3	1996	1
Fried rice	B. cereus	19	TX	7	1997	1
Fried rice	B. cereus	4	PA	9	1997	1
Fried rice	B. cereus	4	PA	10	1997	1
Stuffing	B. cereus	400	CA	12	1997	1
Fried rice	B. cereus	7	MN	5	1998	1
Fried rice	B. cereus	6	IL	8	1998	1
Fried rice	B. cereus	11	CA	9	1998	1
Submarine sandwich	B. cereus	25	MI	4	1998	1
Fried rice	B. cereus	4	OH	10	1990	1
Fried rice	B. cereus	4	NE	5	1999	1
Rice	B. cereus	21	FL	8	1995	1
Fried rice; ethnic style buffet	B. cereus	5	MI	6	2001	1
Fried rice	B. cereus	2	NY	7	1990	1
Buttermilk peppercorns dip	B. cereus	10	MN	12	2001	1
Rice	B. cereus	4	NC	6	1999	1
Rice	B. cereus	32	CA	6	1999	1
Fried rice	B. cereus	17	MN	7	2001	1
Coleslaw	B. cereus	8	FL	5	1999	1
Macaroni; potato salad	B. cereus	87	CA	7	1991	1
Fried rice (leftover)	B. cereus	10	MN	2	2000	10
Rice	B. cereus	15	FL	2	2000	1
Taco	B. cereus	4	FL	8	2000	1
Fried rice	B. cereus	18	WV	12	2000	1
Macaroni and cheese	B. cereus	20	MI	12	1991	1
Stir fry; fried rice	B. cereus	8	TN	7	2001	1
Rice	B. cereus	9	IA	3	1992	1
Rice	B. cereus	20	WI	3	1990	1
Fried rice	B. cereus	5	VA	7	1993	1
Refried beans	B. cereus	3	MN	4	1993	1
Spanish rice	B. cereus (sus.)	4	WA	11	2000	1
White rice	B. cereus (sus.)	10	CO	2	2001	1
Rice dishes	B. cereus (sus.)	4	CO	5	1999	1
Chow mein	B. cereus (sus.)	4	CA	11	2001	1
Ethnic style food	B. cereus (sus.)	4	FL	2	1998	1
Ethnic style food; rice	B. cereus (sus.)	2	FL	5	1998	1
Refried beans	B. cereus (sus.)	2	FL	4	1999	1
Pasta	B. cereus (sus.)	2	FL	2	1999	1
Fried rice	B. cereus (sus.)	4	FL	5	1999	1
White rice	B. cereus (sus.)	2	NY	8	1990	1
Spanish rice	B. cereus (sus.)	6	CA	11	2001	1
Rice	B. cereus (sus.)	2	WA	10	1999	1
Fried rice	B. cereus (sus.)	2	FL	6	1998	1
Pasta	B. cereus (sus.)	2	FL	1	1998	1
Refried beans	B. cereus (sus.)	5	CO	11	1998	1
Rice	B. cereus (sus.)	43	FL	2	1998	1
Rice	B. cereus (sus.)	50	FL	2	1998	1
Rice; beans	B. cereus (sus.)	2	CO	4	1998	1
Yellow rice	B. cereus (sus.)	3	FL	4	1998	1
Lasagna	B. cereus (sus.)	2	FL	7	1999	1
Sauce	B. cereus (sus.)	2	FL	3	1998	1
Rice pilaf (sus.)	B. cereus (sus.)	10	HI	1	1990	1
Cream sauce	B. cereus (sus.)	15	FL	2	1998	1
Pizza (sus.)	B. cereus (sus.)	6	HI	3	1992	1
Macaroni salad	B. cereus (sus.)	14	IA	9	1992	1
Potato salad	B. cereus (sus.)	4	FL	7	1999	1
Yellow rice	B. cereus (sus.)	2	FL	2	2000	1
Rice	B. cereus (sus.)	10	WA	10	2000	1
Ethnic Style	B. cereus (sus.)	2	WA	2	2000	1
Fried rice	B. cereus (sus.)	10	WA	7	2000	1
Rice	B. cereus (sus.)	4	WA	2	2000	1
Blue cheese dressing	B. cereus (sus.)	2	FL	3	2000	1
Rice	B. cereus (sus.)	2	FL	1	2001	1
Rice (sus.)	B. cereus (sus.)	4	PA	8	1991	1
Yellow rice	B. cereus (sus.)	3	FL	4	2000	1
Condiment; vegetable dip	B. cereus (sus.)	10	MN	12	2001	1
Rice	B. cereus (sus.)	111	OH	7	1991	1
Multiple foods	B. cereus (sus.), C. perfringens (sus.)	44	CA	7	2001	1
Salad bar; potato salad	B. cereus (sus.), S. aureus (sus.)	3	OH	8	2001	1
Ethnic style buffet	B. cereus, C. perfringens	33	IL	5	2001	1
Fried rice	B. subtilis	4	FL	5	1998	1
Home-canned soup	C. botulinum	2	PA	12	1998	1
Homemade potato salad	C. botulinum	2	CO	2	1992	1
Rice and tomato sauce meal	C. botulinum	2	ME	1	2002	10
Potato salad	C. jejuni	24	NE	6	2001	1
Taco or nacho salad	C. jejuni	16	WI	5	1998	1
Pasta salad; au gratin potatoes	C. jejuni	34	IN	9	1992	1

Multi-Ingredient

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Potato salad	C. jejuni	16	NY	6	2001	1
Coleslaw	C. parvum	8	IL	10	2000	1
Soup	C. perfringens	10	WI	3	1999	1
Taco; enchilada; rice	C. perfringens	4	MS	10	1999	1
Spaghetti sauce	C. perfringens	78	VA	10	1998	1
Refried beans	C. perfringens	10	OR	7	2001	1
Burrito	C. perfringens	18	OR	7	2001	1
Gumbo	C. perfringens	27	CA	2	2001	1
Spanish rice; drink	C. perfringens	242	WA	10	1991	1
Enchilada; taco	C. perfringens	4	MS	9	2000	1
Taco	C. perfringens	6	WI	6	1994	1
Sauce	C. perfringens	4	FL	6	2000	1
Beans	C. perfringens	188	CA	11	2000	10
Tomato sauce	C. perfringens	35	WI	5	1999	1
Tacos	C. perfringens	26	FL	4	1990	1
Rigatoni and sauce	C. perfringens	27	MD	4	1999	1
Tamale	C. perfringens	18	CA	12	2000	1
Multiple foods	C. perfringens	22	VA	11	2000	1
Mexican food	C. perfringens	3	IL	1	1995	1
Stuffing and gravy	C. perfringens	40	NJ	10	1998	1
Minestrone soup	C. perfringens	33	MI	11	1990	1
Soup	C. perfringens	48	HI	10	1998	1
Stuffing; mashed potatoes	C. perfringens	56	NJ	4	1997	1
Cream sauce	C. perfringens	25	WA	8	1996	11
Refried beans	C. perfringens	2	FL	5	2001	1
Lasagna	C. perfringens	8	IL	5	1996	1
Spaghetti sauce	C. perfringens	15	WA	11	1995	11
Tacos	C. perfringens	115	WA	8	1992	1
White sauce	C. perfringens	7	OH	4	1997	1
Egg roll	C. perfringens (sus.)	4	NY	4	1992	10
Baked beans	C. perfringens (sus.)	30	WA	8	1999	1
Black beans	C. perfringens (sus.)	4	FL	9	1999	1
Cheese burrito	C. perfringens (sus.)	73	CA	11	2000	1
French dressing	C. perfringens (sus.)	30	IL	12	1997	1
Pasta salad	C. perfringens (sus.)	70	NC	12	1999	1
Rice	C. perfringens (sus.)	40	NY	11	2000	1
Multiple foods	C. perfringens (sus.)	15	CO	9	2000	1
Potato salad	C. perfringens (sus.)	40	NM	11	1990	1
Refried beans; taco	C. perfringens (sus.)	10	IN	7	2000	1
Black beans (sus.)	C. perfringens (sus.)	11	FL	7	1997	10
Refried beans; rice	C. perfringens (sus.)	4	FL	6	2000	1
Burrito	C. perfringens (sus.)	42	CO	6	2000	1
Burrito	C. perfringens (sus.)	30	CA	6	2001	10
Mexican food	C. perfringens (sus.)	37	IL	10	1997	1
Barbecue beans	C. perfringens (sus.)	2	FL	4	2000	1
Sopapilla; salsa; chips	C. perfringens (sus.)	4	FL	6	2001	1
Beans	C. perfringens (sus.)	4	CA	7	2001	1
Other food; pinto beans	C. perfringens (sus.)	7	CO	7	2001	1
Stir fry	C. perfringens (sus.)	13	FL	1	2000	1
Bean soup	C. perfringens (sus.)	6	FL	1	2000	1
Submarine sandwich	C. perfringens (sus.)	5	MN	6	1999	1
Sandwich	C. perfringens (sus.)	4	FL	7	1998	1
Bean burrito	C. perfringens (sus.)	7	CO	7	1998	1
Refried beans	C. perfringens (sus.)	2	FL	10	2000	1
Spaghetti	C. perfringens (sus.)	36	GA	3	1999	1
Baked beans	C. perfringens (sus.)	25	CO	8	1998	1
Empanadas	C. perfringens (sus.)	16	FL	9	2001	1
Spaghetti	C. perfringens (sus.)	11	CA	10	1999	1
Spanish rice (sus.)	C. perfringens (sus.)	8	NY	2	1992	1
Enchilada; taco	C. perfringens (sus.)	5	FL	6	1998	1
Ethnic style food	C. perfringens (sus.)	3	FL	1	1998	1
Burrito	C. perfringens (sus.)	15	CO	10	2001	1
Rice; refried beans	C. perfringens (sus.), B. cereus (sus.)	12	MN	1	2001	1
Pancakes	C. perfringens (sus.), B. cereus (sus.)	5	IL	2	2000	1
Sandwich	C. perfringens (sus.), B. cereus (sus.)	10	IL	8	2001	1
Rice	C. perfringens (sus.), B. cereus (sus.),	15	CA	5	2000	1
Beans	C. perfringens (sus.); B. cereus (sus.)	8	CA	5	1999	1
Refried beans	C. perfringens, B. cereus	9	IN	7	2000	1
Focaccia sandwiches; cantaloupe	Calicivirus	33	MN	6	2000	10
Refried beans (sus.)	Campylobacter spp. (sus.)	76	FL	9	1995	1
Ethnic style buffet	Campylobacter spp. (sus.)	2	FL	11	2001	1
Ethnic style food; unspecified	Campylobacter spp. (sus.)	2	FL	2	1999	1
Pizza	Chemical (sus.)	4	OH	3	1999	1
Pizza	Chemical (sus.)	3	WA	3	1999	1
Popcorn	Chemical (sus.)	2	FL	7	1999	1
Salads; dips; dressings	E. coli (ETEC)	47	RI	3	1997	1
Coleslaw	E. coli O157:H7	143	NC	7	1998	1
Pasta salad; cucumber; Italian dressing (sus.)	E. coli O157:H7	60	NY	6	1996	1

Multi-Ingredient

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Mexican food	E. coli O157:H7	8	WA	7	1992	11
Macaroni salad	E. coli O157:H7	5	NY	8	1998	1
Salad bar	E. coli O157:H7	26	TX	9	1994	1
Potato salad	E. coli O157:H7	37	NY	9	1994	1
Coleslaw (cabbage)	E. coli O157:H7	33	IN	5	1998	4
Macaroni salad	E. coli O157:H7	11	NY	8	1998	4
Relish; oil	E. coli O157:H7	100	WA	5	2000	1
Ethnic style buffet	E. coli O157:H7	5	MN	8	2001	1
Macaroni salad	E. coli O157:H7	19	NY	8	1998	1
Coleslaw	E. coli O157:H7	18	OH	7	1999	1
Lasagna	E. coli O157:H7	4	WA	9	1998	11
Salad bar; mayonnaise	E. coli O157:H7	47	OR	3	1993	1
Salad bar	E. coli O157:H7	53	WA	8	1993	1
Pizza wheel sandwich (sus.)	E. coli O157:H7	10	MT	11	1990	1
Lasagna	E. coli O157:H7 (sus.)	2	MD	10	1999	1
Beans; tacos; enchiladas	E. coli O27:H7	41	CA	4	1997	1
Potato salad	E. coli O6:H16	390	IL	6	1998	1
Infant formula	E. sakazakii	9	TN	4	2001	6
Quesadilla	Enterotoxigenic E.coli	21	WI	7	2001	1
Salad bar	G. intestinalis	75	IL	8	1990	1
Multiple foods	G. lamblia	82	NY	10	2000	1
Pizza	Gas or Kerosene	5	OH	5	2000	1
Tuna or chicken salad sandwiches	Group A rotavirus	108	DC	3	2000	6
Rice (minute)	Heavy metals	2	NY	3	1996	1
Lemon ice	Heavy metals	2	NY	8	1994	1
Sandwich	Hepatitis	4	CO	1	2000	1
Coleslaw	Hepatitis A	43	MI	8	1997	10
Multiple foods	Hepatitis A	12	NY	12	2000	1
Sushi	Hepatitis A	4	NY	6	2000	1
School breakfast	Hepatitis A	2	FL	1	2000	1
Salad bar items	Hepatitis A	55	NY	5	1991	1
Peanut butter and crackers	Hepatitis A	9	IL	0	1991	8
Popcorn (butter-flavored)	Hepatitis A	10	CA	1	1992	1
Sandwiches	Hepatitis A	12	AK	6	1992	10
Submarine sandwich	Hepatitis A	17	FL	2	1999	1
Coleslaw	Hepatitis A	20	FL	3	2002	12
Sandwich	Hepatitis A	35	WA	10	1999	1
Mexican food	Hepatitis A	11	IN	1	1996	1
Cold salads	Hepatitis A	7	NY	7	1993	10
Pizza	Hepatitis A	15	WI	3	1990	1
Multiple foods	Hepatitis A	3	FL	9	2001	1
Sandwich; vegetable; salad; ice	Hepatitis A	39	WI	5	1990	1
Pre-wrapped sandwiches	Hepatitis A	129	IL	3	1990	1
Deli sandwich	L. monocytogenes	28	CA	6	2001	1
Potato salad	L. monocytogenes (sus.), Norovirus (sus.)	56	CA	6	2001	1
Pasta salad	Norovirus	86	CA	2	2001	12
Coleslaw	Norovirus	4	MN	11	2001	1
Tuna salad; macaroni salad; hard-boiled shell eggs	Norovirus	33	FL	10	2001	1
Potato salad	Norovirus	68	AK	8	1995	10
Submarine sandwiches	Norovirus	55	WI	5	2002	12
Submarine sandwich	Norovirus	6	MN	7	1998	1
Submarine sandwich	Norovirus	7	MN	6	1998	1
Submarine sandwich	Norovirus	75	NC	3	1998	1
Vinaigrette-based dressing	Norovirus	70	FL	12	2001	1
Pasta salad	Norovirus	93	CA	6	1998	1
Salads	Norovirus	333	17	2	2000	9
Waldorf salad	Norovirus	88	CA	1	2001	1
Multiple salads; sandwich	Norovirus	166	MN	1	2001	1
Multiple foods	Norovirus	6	WA	12	2001	1
Ambrosia	Norovirus	27	OH	1	2001	1
Submarine sandwich	Norovirus	16	OH	1	2001	1
Antipasta salad	Norovirus	250	OH	1	2001	1
Submarine sandwich	Norovirus	44	WI	1	2001	1
Cheese and crackers; bread and butter	Norovirus	25	MN	12	1998	1
Multiple items	Norovirus	6	MN	11	2001	1
Macaroni salad; ice	Norovirus	18	FL	7	1999	10
Pasta salad; strawberries	Norovirus	63	MN	2	1999	1
Potato salad	Norovirus	11	OR	1	1999	1
Sandwich	Norovirus	10	NY	9	2001	1
Multiple cold food items (sandwiches, salads)	Norovirus	86	MN	1	2001	1
Salad bar items	Norovirus	127	FL	3	1997	1
Burritos	Norovirus	4	MN	2	2001	1
Submarine sandwiches	Norovirus	60	OH	8	1997	1
Pizza	Norovirus	7	OH	5	1999	1
Enchiladas; salad	Norovirus	11	ID	10	1997	1
Pizza	Norovirus	9	WI	2	1999	1
Sandwich; ice	Norovirus	19	MN	11	1999	1
Submarine sandwich	Norovirus	18	MN	10	1999	1

Multi-Ingredient

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Mints	Norovirus	46	NE	3	1999	1
Submarine sandwiches	Norovirus	40	OH	10	1997	1
Salad bar	Norovirus	182	MA	12	1994	1
Coleslaw	Norovirus	32	IL	5	1994	12
Dips	Norovirus	127	NE	5	1999	1
Pizza	Norovirus	3	OH	11	1999	1
Rice; water	Norovirus	18	ID	9	1998	1
Submarine sandwiches	Norovirus	17	OH	9	1997	1
Submarine sandwiches	Norovirus	13	OH	12	2000	1
Multiple foods	Norovirus	22	VA	11	2000	1
Gelatin	Norovirus	10	IL	4	2000	1
Seven-layer salad	Norovirus	60	OH	4	2000	1
Seven-layer salad	Norovirus	76	OH	4	2000	1
Tortilla; taco	Norovirus	19	CA	5	2000	1
Salad; sandwich	Norovirus	8	MN	2	2001	1
Pasta-based salad	Norovirus	23	MN	10	1998	1
Gravy	Norovirus	7	TX	12	2000	1
Pizza; soda	Norovirus	142	FL	5	2000	1
Iceberg lettuce; bagel; butter	Norovirus	130	VA	3	2000	1
Salad; multiple foods	Norovirus	31	OH	6	2000	1
Vegetable sandwich	Norovirus	36	VA	2	2000	1
Macaroni and cheese	Norovirus	29	AL	7	2000	1
Sushi	Norovirus	7	MD	7	2000	1
Coleslaw	Norovirus	16	VA	11	2000	1
Submarine sandwich	Norovirus	26	OH	7	2000	1
Pasta salad; potato	Norovirus	21	WI	7	2000	1
Pasta salad	Norovirus	46	WI	7	2000	1
Pasta salad	Norovirus	37	IA	8	2000	1
Jelly	Norovirus	14	MI	8	2000	1
Vegetable sandwich	Norovirus	40	GA	9	2000	1
Submarine sandwich	Norovirus	14	MN	10	2000	1
Macaroni salad	Norovirus	114	NY	5	2000	1
Multiple salads	Norovirus	200	TN	3	2001	1
Multiple foods	Norovirus	38	NY	5	2001	1
Pizza	Norovirus	38	LA	8	1997	1
Multiple foods	Norovirus	121	NY	6	2001	1
Taco	Norovirus	8	WI	8	2001	1
Pasta salad	Norovirus	39	MI	5	2001	1
Punch; salad; sandwich	Norovirus	92	CA	5	2001	1
Noodles	Norovirus	16	OR	4	2001	1
Multiple foods	Norovirus	25	NY	6	2001	1
Lettuce-based salad; other food; fajita sandwich	Norovirus	64	MN	5	2001	1
Multiple foods	Norovirus	35	FL	7	2001	1
Coleslaw	Norovirus	104	GA	8	2001	1
Buffet	Norovirus	25	MN	7	2001	1
Submarine sandwich	Norovirus	25	WI	12	2000	1
Sandwich	Norovirus	50	OH	3	2001	1
Beans; rice; chips; salsa	Norovirus	200	MI	1	1997	1
Submarine sandwich	Norovirus	3	OH	1	2000	1
Specialty dessert	Norovirus	87	OH	2	2000	1
Salad bar	Norovirus	259	TN	2	2000	1
Multiple foods	Norovirus	14	NY	6	2001	1
Multiple foods	Norovirus (sus.)	9	FL	6	2001	1
Submarine sandwich	Norovirus (sus.)	45	FL	11	2000	1
Submarine sandwich	Norovirus (sus.)	7	MN	12	2000	1
Rice	Norovirus (sus.)	20	CA	5	1999	1
Pasta-based salad	Norovirus (sus.)	86	CA	2	2001	1
Submarine sandwich	Norovirus (sus.)	4	MN	2	2001	1
Multiple cheeses, chips and salsa	Norovirus (sus.)	28	FL	12	1999	1
Mostaccioli	Norovirus (sus.)	24	MI	10	2000	1
Submarine sandwich	Norovirus (sus.)	13	CA	9	2001	1
Deli sandwich; vegetable sandwich	Norovirus (sus.)	8	UT	8	2000	10
Sandwich	Norovirus (sus.)	50	OH	1	2001	1
Caesar salad; vegetable dip; pineapple	Norovirus (sus.)	21	NJ	1	2001	1
Multiple foods	Norovirus (sus.)	6	MN	12	2001	1
Enchilada	Norovirus (sus.)	25	TX	7	2001	1
Stuffed shells	Norovirus (sus.)	11	OH	7	2001	1
Sandwich; salad	Norovirus (sus.)	24	FL	3	1998	1
Greek salad	Norovirus (sus.)	2	FL	1	1998	1
Pastry; tomato; goat; chees/chevre	Norovirus (sus.)	27	MA	6	2001	1
Salad bar	Norovirus (sus.)	11	FL	6	1998	1
Multiple foods	Norovirus (sus.)	19	IA	10	2000	1
Coleslaw	Norovirus (sus.)	4	CA	10	1999	1
Submarine sandwich	Norovirus (sus.)	5	FL	6	2001	1
Specialty sandwich	Norovirus (sus.)	81	FL	1	2001	1
Ranch dressing	Norovirus (sus.)	6	IL	4	2000	1
Submarine sandwich	Norovirus (sus.)	38	CA	7	2000	1
Ethnic Style	Norovirus (sus.)	3	WA	7	2000	1

Multi-Ingredient

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Pizza; soda	Norovirus (sus.)	14	FL	4	2000	1
Submarine sandwich	Norovirus (sus.)	22	MN	11	2001	10
Stir fry	Norovirus (sus.)	32	FL	4	2000	1
Multiple foods	Norovirus (sus.)	11	WA	3	2000	1
Tamale	Norovirus (sus.)	12	CA	12	2001	1
Salad	Norovirus (sus.)	3	MN	6	2000	1
Salad dressing	Norovirus (sus.)	27	CA	4	2000	1
Multiple foods	Norovirus (sus.)	9	NY	11	2001	10
Multiple foods	Norovirus (sus.)	9	WA	7	2000	1
Submarine sandwich	Norovirus (sus.)	11	CO	4	2000	1
Deli sandwich; multiple salads	Norovirus (sus.)	12	CO	4	2001	1
Rice	Norovirus (sus.)	7	CA	4	2001	1
Potato salad	Norovirus (sus.)	25	MD	12	2001	1
Appetizers	Norovirus (sus.)	36	CO	3	2000	1
Rice	Norovirus (sus.)	6	FL	6	2000	1
Multiple foods	Norovirus (sus.)	9	FL	2	2000	1
Potato salad	Norovirus (sus.)	191	AK	11	1999	6
Cucumber sandwich	Norovirus (sus.)	11	MN	1	2000	1
Antipasta salad	Norovirus (sus.)	15	MN	8	1999	1
Stuffed shells; caesar salad	Norovirus (sus.)	18	CA	2	2000	1
Multiple salads; sandwich	Norovirus (sus.)	2	FL	5	2001	1
Multiple foods	Norovirus (sus.)	12	WA	12	2001	1
Multiple foods	Norovirus (sus.)	18	FL	6	2000	1
Waldorf salad	Norovirus (sus.)	10	OH	11	2001	1
Pizza	Norovirus (sus.)	8	CA	10	2000	1
Coleslaw	Norovirus (sus.)	9	FL	5	1999	1
Pasta salad	Norovirus (sus.)	40	NH	11	1999	1
Multiple foods	Norovirus (sus.)	21	WA	11	2001	1
Potato salad; broccoli	Norovirus (sus.)	25	MN	6	1999	1
Salad bar	Norovirus (sus.)	6	FL	5	1999	1
Tuna salad; egg salad (egg salad sandwich); coleslaw	Norovirus (sus.)	52	CA	12	2001	1
Ranch dressing	Norovirus (sus.)	17	CA	5	1999	1
Pasta salad	Norovirus (sus.)	66	MI	12	1997	1
Potato salad or fruit	Norovirus (sus.)	16	FL	11	1997	10
Multiple foods	Norovirus (sus.)	3	FL	3	2000	1
Potato salad	Norovirus (sus.)	17	CA	9	2000	1
Salad bar	Norovirus (sus.)	23	FL	5	2001	1
Salads (variety) (sus.)	Norovirus (sus.)	11	FL	8	1997	10
Salad	Norovirus (sus.)	14	CO	8	2000	1
Sandwich	Norovirus (sus.)	6	FL	6	1999	1
Submarine sandwich	Norovirus (sus.)	16	IA	9	1999	1
Sandwich	Norovirus (sus.)	9	CA	6	1999	1
Multiple foods	Norovirus (sus.)	5	FL	3	2000	1
Chicken dressing	Norovirus (sus.)	27	IL	12	2001	1
Submarine sandwich	Norovirus (sus.)	11	CO	10	1999	1
Red wine vinegar	Other chemical	2	NY	4	1996	1
Lemon head candy	Other chemical (sus.)	2	FL	1	2001	1
Salads	Other chemical (sus.)	2	CO	9	2001	1
Salad	Other chemical (sus.)	17	NY	5	2001	1
Onion dip	Other viral (sus.)	11	CO	2	1998	1
Pasta	Other viral (sus.)	13	CO	7	1998	1
Sandwich; fruit; pasta	Other viral (sus.)	6	CO	5	1998	1
Chocolate	Parasite (sus.)	3	FL	10	1999	1
Peanut-flavored, savory snack	S. Agona	10	Multi-state	10	1994	9
Potato salad	S. Anatum	35	AZ	9	2001	1
Spam musubi	S. aureus	8	HI	10	1996	1
Taco	S. aureus	2	FL	6	2001	1
Chow mein; egg rolls	S. aureus	2	FL	6	2001	1
Macaroni and cheese	S. aureus	51	OH	11	1998	1
Napoleon dessert	S. aureus	47	NY	12	2000	1
Fried rice; shrimp eggs	S. aureus	100	IL	3	1991	1
Four-cheese tortellini	S. aureus	180	NY	11	1993	1
Cream sauce	S. aureus	9	AK	9	1992	10
Mashed potato with gravy	S. aureus	15	GA	1	2000	1
Potato salad; chicken salad	S. aureus	95	SD	7	2003	1
Pizza	S. aureus	6	AK	6	1993	10
Ethnic Style buffet	S. aureus	4	FL	3	2001	1
Fried rice	S. aureus	4	NY	2	1999	1
Pasta salad	S. aureus	7	MN	10	1999	1
Greek salad	S. aureus	2	FL	1	2000	1
Taco	S. aureus	25	NM	8	1994	1
Potato salad	S. aureus	6	WI	4	1991	1
Spaghetti	S. aureus	54	FL	6	1994	1
Dark rice; egg rolls	S. aureus	2	IL	8	1990	1
Multiple salads	S. aureus	80	NY	6	1994	1
Taco	S. aureus	50	TN	3	1999	1
Spaghetti	S. aureus	19	TN	4	1999	1
Greek salad	S. aureus	2	FL	7	2001	1

Multi-Ingredient

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Coleslaw	S. aureus	3	TN	6	2000	7
Macaroni salad	S. aureus	101	IN	2	1998	1
Pasta primavera	S. aureus	200	TX	11	1997	1
Pasta bar	S. aureus	32	IN	10	1995	1
Potato salad	S. aureus	24	OR	6	1993	1
Chef's salad; baked potato	S. aureus	8	SC	8	2000	1
Tortellini	S. aureus	12	NJ	7	1992	1
Homemade burrito	S. aureus	7	NM	7	1990	1
Bento lunch sandwiches	S. aureus	145	HI	12	1998	10
Pasta salad	S. aureus	26	IN	1	1993	1
Burrito	S. aureus	22	CA	6	2001	1
Soup	S. aureus	15	HI	5	1998	1
Egg rolls	S. aureus	3	OH	4	1999	1
Salad bar	S. aureus (sus.)	6	FL	5	2001	1
Sandwich	S. aureus (sus.)	5	FL	5	2001	1
Potato skins	S. aureus (sus.)	3	FL	5	2001	1
Potato salad	S. aureus (sus.)	2	FL	5	2001	1
Nachos	S. aureus (sus.)	2	FL	3	1998	1
Ethnic style food	S. aureus (sus.)	2	FL	10	1998	1
Burrito	S. aureus (sus.)	18	FL	2	1998	1
Spaghetti sauce	S. aureus (sus.)	400	CA	10	1996	1
Ethnic style food	S. aureus (sus.)	2	FL	6	1998	1
Red beans and rice	S. aureus (sus.)	9	FL	9	2001	1
Ethnic Style	S. aureus (sus.)	2	FL	2	2000	1
Noodles	S. aureus (sus.)	2	WA	3	2000	1
Pudding	S. aureus (sus.)	4	CA	8	2000	1
Cuban sandwich	S. aureus (sus.)	2	FL	6	1999	1
Potato salad	S. aureus (sus.)	21	MN	12	1999	1
Fish; coleslaw; multiple foods	S. aureus (sus.)	3	MI	11	2000	1
Coleslaw	S. aureus (sus.)	9	CA	1	2000	1
Fried rice (sus.)	S. aureus (sus.)	15	CA	12	1994	1
Taco; fajitas	S. aureus (sus.)	3	FL	2	1999	1
Pizza	S. aureus (sus.)	16	FL	1	1999	1
Nachos; chips and salsa	S. aureus (sus.)	2	FL	3	1999	1
Burrito	S. aureus (sus.)	8	CO	6	1999	1
Submarine sandwich	S. aureus (sus.)	6	FL	7	2001	1
Spanish rice	S. aureus (sus.)	4	FL	4	1998	1
Multiple foods	S. aureus (sus.)	35	NY	6	2001	1
Pizza	S. aureus (sus.)	7	MD	6	2001	1
Ethnic style food; sushi; shrimp	S. aureus (sus.)	2	FL	9	1999	1
Pizza	S. aureus, B. cereus	4	OH	4	2001	1
Noodles	S. aureus; B. cereus (sus.)	2	HI	9	1991	1
Hero sandwich (sus.)	S. boydii	51	NY	11	1990	1
Specialty sandwich	S. Braenderup	21	DC	6	2001	1
Tahini sauce	S. Brandenburg	137	NY	7	1995	1
Canapes	S. Cubana (sus.)	40	MA	1	2000	1
Lasagna	S. Enteritidis	11	MA	10	1993	1
Lasagna	S. Enteritidis	11	VT	8	1993	1
Salsa (sus.)	S. Enteritidis	26	NM	4	1993	1
Tuna, chicken, egg salad	S. Enteritidis	130	NH	8	1992	1
Sandwich	S. Enteritidis	2	WA	9	1992	11
Rice pudding	S. Enteritidis	24	PA	7	1996	1
Stuffed shells	S. Enteritidis	7	CT	6	1993	1
Pureed foods	S. Enteritidis	13	IL	3	1993	1
Caesar dressing (sus.)	S. Enteritidis	8	MA	9	1993	1
Hollandaise sauce	S. Enteritidis	19	IA	10	1993	1
Kim pop sushi	S. Enteritidis	29	CA	8	1994	1
Lasagna	S. Enteritidis	28	MA	9	1994	3
Dressing	S. Enteritidis	210	WA	11	1994	1
Stuffing (sus.)	S. Enteritidis	7	PA	5	1996	1
Rice balls; spinach; cheese	S. Enteritidis	16	NY	8	1995	1
Pureed diet	S. Enteritidis	14	NY	7	1995	1
Caesar dressing (sus.)	S. Enteritidis	8	MA	11	1993	1
Tuna, chicken, potato salad; cheese	S. Enteritidis	21	NJ	6	1992	1
Chili relleno	S. Enteritidis	12	WV	9	1999	1
Chili relleno; yellow rice	S. Enteritidis	31	CA	1	1999	1
Lasagna; ravioli	S. Enteritidis	33	WI	11	1999	1
Chili rellenos (sus.)	S. Enteritidis	3	CA	1	1997	1
Pinto beans; grated cheese	S. Enteritidis	83	NM	8	1990	1
Baked beans	S. Enteritidis	23	OH	8	1999	1
Potato salad (sus.)	S. Enteritidis	10	NJ	9	1991	1
Potato salad	S. Enteritidis	74	DE	8	1991	1
Egg salad; tuna salad; chicken salad	S. Enteritidis	34	MI	7	2001	1
Carrot salad; lasagna	S. Enteritidis	12	NY	5	1991	1
Rice; noodles; mayonnaise	S. Enteritidis	7	NY	3	1991	1
Pasta salad (sus.); crab salad (sus.)	S. Enteritidis	80	MI	11	2000	10
Chili relleno	S. Enteritidis	2	CA	1	1999	1
Bearnaise sauce	S. Enteritidis	61	MA	7	2001	12

Multi-Ingredient

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Bean soup	S. Enteritidis	11	OR	10	1990	1
Hollandaise sauce (sus.)	S. Enteritidis	9	NY	10	1990	1
Rice	S. Enteritidis	7	VA	7	1991	1
Macaroni and cheese; fish	S. Enteritidis	31	SC	6	2000	1
Fried rice	S. Enteritidis	28	UT	7	2000	1
Chili relleno	S. Enteritidis	3	WA	7	2000	1
Fried rice; soup	S. Enteritidis	6	OH	10	2000	1
Chili relleno	S. Enteritidis	4	CA	12	2000	1
Macaroni and cheese	S. Enteritidis	24	SC	4	1991	1
Instant banana pudding	S. Enteritidis	29	CA	7	1991	1
Sausage and peppers; lasagna	S. Enteritidis	8	NJ	7	1991	1
Lasagna; sausage and peppers; eggplant parmesan	S. Enteritidis	55	NY	8	1991	1
Lasagna	S. Enteritidis	48	NY	8	1991	3
Bearnaise sauce	S. Enteritidis	23	CT	2	1990	1
Stuffed shells	S. Enteritidis	5	CT	8	1998	1
Pasta with salmon	S. Enteritidis	3	MD	7	2001	1
Egg, tuna, and chicken sandwiches	S. Enteritidis	140	NY	10	1992	1
Refried beans	S. Enteritidis	74	NM	8	1990	3
Monte Cristo sandwiches	S. Enteritidis	14	MA	8	1991	3
Lasagna	S. Enteritidis	43	MD	10	1998	1
Chili relleno; rice; beans	S. Enteritidis	4	CA	3	1998	1
Tiramisu (sus.)	S. Enteritidis	13	CA	6	1997	1
Multiple foods	S. Enteritidis	11	NY	8	2001	1
Spagetti; pasta; seafood	S. Enteritidis	26	MD	6	2001	1
Almonds	S. Enteritidis	3	WV	4	2001	1
Noodle casserole; broccoli	S. Enteritidis	24	NJ	11	1998	1
Chop suey; pancit	S. Enteritidis (sus.)	14	CA	9	2000	1
Potato salad	S. flexneri	52	CA	6	1999	1
Sushi	S. flexneri	4	WA	1	1996	1
Wild-rice salad	S. flexneri	17	IL	6	1994	1
Multiple foods	S. Group D	10	NY	8	2000	1
Seafood salad; caesar salad	S. Group D1	23	TX	5	2001	1
Salads	S. Hadar	53	IL	9	1997	1
Fried rice	S. Heidelberg	3	WA	8	1998	11
Potato salad	S. Heidelberg	12	PA	7	1997	1
Multiple foods	S. Heidelberg	5	MN	4	2000	1
Macaroni and cheese	S. Heidelberg	83	FL	8	1996	1
Stuffing; salad dressing	S. Heidelberg	6	MS	4	2000	1
Chili relleno	S. Heidelberg	5	CA	12	2000	1
Macaroni with cheese	S. Heidelberg	10	AL	7	1995	1
Pasta with sauce	S. Heidelberg	160	OH	1	1993	1
Manicotti	S. Heidelberg	3	IL	5	1994	1
Macaroni and cheese	S. Heidelberg	104	MI; IL	2	2002	12
Tapioca pudding	S. Heidelberg	13	IN	7	1999	1
Potato salad	S. Infantis	11	IL	9	1995	1
Rice	S. Infantis	63	LA	8	1998	1
Mexican food	S. Manhattan	48	IL	1	1997	1
Macaroni salad	S. Montevideo	17	HI	4	1991	1
Taco	S. Montevideo	4	WI	6	2000	1
Hollandaise sauce	S. Montevideo	4	OH	3	1998	1
Cornbread dressing	S. Montevideo	21	LA	8	1993	1
Ethnic style buffet	S. Muenchen	6	NY	4	2001	1
Potato salad; greens	S. Muenchen	13	MO	10	1991	1
Submarine sandwich	S. Newport	49	OH	8	2000	1
Multiple foods	S. Newport	20	WA	7	2001	1
Ethnic style buffet	S. Newport	11	MN	8	2001	1
Potato salad	S. Newport	8	CO	6	2001	1
Pizza	S. Oranienburg	5	CA	9	2000	1
Barbecue beans	S. Panama	134	TX	6	2001	1
Infant formula	S. Saint Paul	15	WA	2	2001	1
Multiple foods	S. sonnei	3	MN	5	2000	1
Potato salad	S. sonnei	9	CA	6	2001	1
Dips	S. sonnei	79	MA	1	1998	1
Potato salad	S. sonnei	10	CA	11	1999	1
Hot sauce	S. sonnei	84	TX	8	1993	1
Self-serve items in cafeteria	S. sonnei	30	MN	12	2001	1
Spaghetti salad	S. sonnei	163	NE	7	1995	1
Gelatin salad	S. sonnei	50	CO	9	2000	1
Pasta salad	S. sonnei	30	MN	3	1998	1
Macaroni salad; potato salad	S. sonnei	7	MD	9	1999	1
Potato salad	S. sonnei	5	IN	9	1999	1
Potato salad	S. sonnei	205	KS	7	1997	1
Potato salad	S. Thompson	17	CA	11	1998	1
Hollandaise sauce	S. Typhimurium	12	VA	8	2000	0
Coleslaw	S. Typhimurium	26	WI	8	2000	1
Pate	S. Typhimurium	9	IL	9	2000	1
Stew or chili	S. Typhimurium	32	NM	5	2000	1
Macaroni salad	S. Typhimurium	32	PA	7	2000	1

Multi-Ingredient

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Beans; rice; potato salad	S. Typhimurium	17	WA	7	1990	1
Specialty salad	S. Typhimurium	21	IA	5	2001	1
Multiple foods	S. Typhimurium	5	NY	5	2001	1
Multiple foods	S. Typhimurium	5	NY	9	2001	1
Stuffing; chicken gravy	S. Typhimurium	26	TN	11	2000	1
Coleslaw	S. Typhimurium	31	NY	7	1991	1
Multiple Chinese foods	S. Typhimurium	5	WA	6	1993	11
Tacos	S. Typhimurium	32	NY	4	1992	1
Potato salad; Swiss cheese; black olives	S. Typhimurium	15	IL	5	1991	1
Lasagna	Salmonella Group B	8	FL	7	1998	1
Taco	Salmonella Group B	6	KS	9	2000	1
Taco	Salmonella Group B (sus.)	3	FL	6	1998	1
Macaroni and cheese	Salmonella spp.	15	FL	7	1994	1
Spaghetti	Salmonella spp.	2	FL	4	2001	1
Potato salad	Salmonella spp.	2	FL	9	2001	1
Stuffed shells (possible eggs)	Salmonella spp.	5	NY	9	1992	10
Macaroni salad	Salmonella spp.	23	NY	7	1995	1
Coleslaw	Salmonella spp.	18	NC	8	1997	1
Potato salad and chicken salad	Salmonella spp.	39	NY	11	1992	10
Multiple foods	Salmonella spp.	7	NY	5	2000	1
Quiche (possible eggs) (sus.)	Salmonella spp.	10	NY	12	1993	10
Wonton soup	Salmonella spp.	2	FL	11	2001	1
Salad dressing	Salmonella spp. (sus.)	4	FL	11	2000	1
Hot sauce	Salmonella spp. (sus.)	2	CA	6	1999	1
Ethnic Style	Salmonella spp. (sus.)	2	FL	4	2000	1
Rice; salad	Salmonella spp. (sus.)	4	FL	11	1999	1
Multiple salads	Salmonella spp. (sus.)	4	TX	9	2001	1
Blue cheese dressing	Staphylococcus spp. (sus.)	2	FL	9	2000	1
Egg roll (sus.)	Staphylococcus spp. (sus.)	12	FL	8	1997	10
Spaghetti sauce	Unsp. chemical	3	NY	5	1992	1
Chocolate fondue; fresh fruit	Unsp. virus (sus.)	18	NY	3	1992	10
Tacos	Unsp. virus (sus.)	10	NY	7	1993	10
Submarine sandwiches	Viral	4	MN	2	2001	1
Salads	Viral	9	MN	7	2001	1
Taco pizza	Viral	6	MN	7	2001	1
Submarine sandwich	Viral	22	MN	11	2001	1
Salads	Viral	4	MN	11	2001	1
Potato salad	Viral (sus.)	13	CA	8	1999	1
Sandwich; pasta salad	Viral (sus.)	11	NY	8	1999	1
Specialty sandwich	Viral (sus.)	16	PA	4	1999	1
Multiple foods	Viral (sus.)	46	NY	5	2000	1
Salad bar	Viral (sus.)	11	WA	2	2000	1
Multiple foods	Viral (sus.)	11	WA	11	2000	1
Sandwich	Viral (sus.)	17	IN	12	2000	1
Sauce	Viral (sus.)	6	WA	2	2000	1

Multi-Ingredient Outbreaks: 591

Multi-Ingredient Cases: 17, 728

Game						
Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Fermented beaver tail (muktuk)	C. botulinum	4	AK	1	2001	1
Beaver tail	C. botulinum	14	AK	1	2001	6
Venison jerky	E. coli O157:H7	11	OR	11	1995	1
Venison	E. coli O157:H7	4	OR	12	1996	4
Venison	E. coli O157:H7	2	IL	11	1996	4
Venison	Norovirus	17	MN	10	2001	1
Rabbit jerky	S. aureus	6	OH	8	2001	1
Moose soup	S. sonnei	25	AK	9	1991	
Venison	T. gondii	3	CO	2	1992	8
Cougar jerky	T. nativa, Trichinella T6	10	ID	1	1995	1
Bear	T. spiralis	8	OH	9	1998	1
Bear	T. spiralis	2	CA	11	2000	1
Black bear meat	Trichinella spp.	4	AK	8	2000	10
Bear meat	Trichinella spp.	2	WA	0	1993	1
Walrus meat	Trichinella spp.	7	AK	0	1992	9
Polar bear meat	Trichinella spp.	5	AK	0	1992	9
Polar bear meat	Trichinella spp.	13	AK	0	1992	9
Black bear meat	Trichinella spp.	2	AK	0	1992	9
Bear	Trichinella spp.	7	CA	8	2001	1
Walrus meat	Trichinella spp.	4	AK	0	1991	9
Black bear meat	Trichinella spp.	2	AK	0	1991	9
Bear meat	Trichinella spp.	4	AK	0	1994	9
Game Outbreaks: 22	Game Cases: 156					

Outbreaks Tied to USDA-Regulated Foods, 1990-2003

Beef						
Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Beef (steer)	B. anthracis	2	MN	8	2000	6
Beef sandwich	B. cereus	2	MI	10	1999	1
Roast beef, turkey	B. cereus	19	PA	7	1998	1
Steak; other	B. cereus (sus.)	56	TN	12	1999	1
Steak	B. cereus (sus.)	14	CA	12	2001	1
Beef	B. cereus (sus.), C. perfringens(sus.)	19	IL	8	2001	1
Meatloaf	B. cereus (sus.), S. aureus (sus.)	2	OH	9	2001	1
Meatloaf	B. cereus (sus.), S. aureus (sus.)	3	OH	6	2001	1
Hamburger; stew	B. cereus, C. perfringens	30	CA	6	2001	1
Frozen chili	C. botulinum	15	TX	8	2001	1
Beef stew	C. botulinum	16	TX	8	2001	1
Beef stew	C. botulinum	3	WA	8	1995	1
Beef enchilada; chicken enchilada	C. jejuni	62	AZ	8	2001	1
Beef	C. jejuni	34	MD	9	1999	1
Beef; veal	C. jejuni (sus.)	8	NY	7	1992	1
Meat	C. jejuni, S. aureus	20	WI	9	2001	1
Beef/steak dishes	C. jejuni, Salmonella spp.	80	WI	10	2001	1
Meatloaf	C. perfringens	166	LA	4	1992	1
Beef sandwich	C. perfringens	206	CA	10	1999	1
Meatloaf	C. perfringens	3	NY	1	1999	1
Pasta with beef sauce	C. perfringens	42	NY	8	1993	10
Ground beef	C. perfringens	4	MI	2	1999	1
Roast beef	C. perfringens	31	IN	12	1992	1
Roast beef (sus.)	C. perfringens	43	IL	12	1991	1
Beef taco	C. perfringens	20	PA	3	2000	1
Beef taco	C. perfringens	83	NY	12	2000	1
Beef burrito	C. perfringens	45	IL	8	2000	1
Roast beef; liquor	C. perfringens	24	PA	8	1999	1
Roast beef; unspecified	C. perfringens	31	MD	4	1999	1
Roast beef; unspecified	C. perfringens	55	OH	8	1999	1
Beef lasagna	C. perfringens	15	NY	7	2000	1
Italian beef	C. perfringens	50	IL	5	1991	1
Beef; veal	C. perfringens	11	NY	10	1993	1
Roast beef	C. perfringens	55	OH	1	1994	1
Beef gravy	C. perfringens	56	NY	5	1995	1
Italian beef	C. perfringens	28	IL	4	1995	1
Roast beef au jus	C. perfringens	45	VA	12	1995	1
Hamburger; ground turkey	C. perfringens	60	WA	12	1994	1
Beef stroganoff	C. perfringens	4	PA	10	1994	1
Roast beef; gravy	C. perfringens	30	WA	7	1993	11
Corned beef; veal	C. perfringens	156	OH	3	1993	1
Corned beef	C. perfringens	86	VA	3	1993	1
Ground beef	C. perfringens	125	WA	11	1996	11
Roast beef	C. perfringens	92	ND	12	1998	1
Roast beef	C. perfringens	68	OH	4	1996	1
Chili (with beef)	C. perfringens	22	PA	6	1990	1
Beef short ribs	C. perfringens	34	CA	1	1997	1
Beef; veal	C. perfringens	32	IL	12	1997	1
Roast beef	C. perfringens	31	ND	2	1997	10
Roast beef	C. perfringens	200	IL	12	1997	10
Roast beef	C. perfringens	130	FL	12	1997	10
Beef and macaroni casserole	C. perfringens	300	OH	12	1998	1
Beef; veal	C. perfringens	17	WI	12	1992	1
Beef	C. perfringens	24	MD	10	1998	1
Beef; ham; pork	C. perfringens	28	IL	7	1991	1
Sliced beef	C. perfringens	34	WI	1	1998	1
Roast beef	C. perfringens	40	CA	2	1996	1
Ground beef	C. perfringens	3	GA	4	2001	1
Roast beef	C. perfringens	49	PA	7	2001	1
Roast beef	C. perfringens	19	PA	7	2001	1
Roast beef	C. perfringens	10	MN	9	2001	1
Meatballs	C. perfringens	6	NY	6	2001	1
Beef	C. perfringens	54	MI	5	2001	1
Beef	C. perfringens	20	IL	5	2001	1
Beef taco	C. perfringens	35	CA	5	2001	1
Ground beef	C. perfringens	49	LA	4	2001	1
Roast beef	C. perfringens	16	PA	10	2001	1
Roast beef with gravy	C. perfringens	22	IA	12	2001	1
Roast beef	C. perfringens	30	MD	12	2001	1
Beef; other beef	C. perfringens	78	PA	12	2001	1
Ground beef	C. perfringens	3	OH	10	2001	1
Beef, bean, and rice tamales	C. perfringens	160	NM	5	1991	1
Roast beef	C. perfringens	39	CT	11	1990	1
Beef stroganoff	C. perfringens	31	PA	2	2001	1
Prime rib	C. perfringens	204	WI	3	1990	1

Beef

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Roast beef	C. perfringens	7	OK	5	2001	1
Beef tacos	C. perfringens (sus.)	15	NY	6	1993	10
Beef tips	C. perfringens (sus.)	40	CA	5	1999	1
Beef tips	C. perfringens (sus.)	88	IA	9	1999	1
Corned beef	C. perfringens (sus.)	4	FL	4	1999	1
Roast beef (sus.)	C. perfringens (sus.)	18	FL	2	1999	10
Roast beef; unspecified	C. perfringens (sus.)	34	CA	4	1999	1
Roast beef; unspecified	C. perfringens (sus.)	13	OR	7	1999	1
Beef ribs	C. perfringens (sus.)	3	FL	5	1999	1
Beef stew	C. perfringens (sus.)	2	FL	5	1998	1
Beef	C. perfringens (sus.)	7	VA	6	1994	1
Beef	C. perfringens (sus.)	36	NY	8	1994	1
Beef stew	C. perfringens (sus.)	18	MN	1	2001	1
Prime rib	C. perfringens (sus.)	9	NJ	10	1990	1
Beef brisket	C. perfringens (sus.)	37	FL	4	1996	1
Prime rib	C. perfringens (sus.)	9	FL	7	1998	1
Beef gravy	C. perfringens (sus.)	2	FL	5	1998	1
Roast beef	C. perfringens (sus.)	72	NY	11	2000	1
Barbecue beef	C. perfringens (sus.)	13	CO	6	1998	1
Beef	C. perfringens (sus.)	250	OR	9	1998	1
Beef stew	C. perfringens (sus.)	8	VA	9	1999	1
Other beef	C. perfringens (sus.)	3	FL	2	1998	1
Roast beef; unspecified	C. perfringens (sus.)	32	PA	11	1999	1
Beef lasagna	C. perfringens (sus.)	6	MN	2	1999	1
Beef stew (sus.)	C. perfringens (sus.)	13	FL	7	1997	10
Beef goulash	C. perfringens (sus.)	24	CA	10	2000	1
Prime rib	C. perfringens (sus.)	34	NY	6	1991	1
Beef and gravy (sus.)	C. perfringens (sus.)	119	NY	6	1992	1
Roast beef	C. perfringens (sus.)	2	FL	6	2000	1
Beef taco	C. perfringens (sus.)	28	OH	6	2000	1
Ground beef	C. perfringens (sus.)	4	OH	1	2000	1
Beef taco	C. perfringens (sus.)	27	PA	9	2000	1
Chopped beef liver	Campylobacter spp.	3	NY	6	1992	10
Barbecue beef sandwich	Campylobacter spp.	11	WI	7	1995	1
Beef; gravy	Campylobacter spp. (sus.)	11	IL	7	1995	1
Fully cooked charbroiled beef patty	E. coli O157:H7	13	CO	7	2001	1
Hamburger	E. coli O157:H7	19	IL	7	2001	1
Roast beef sandwich; beef sandwich	E. coli O157:H7	12	MA	9	2001	1
Hamburger	E. coli O157:H7	9	NV	9	2001	1
Ground beef	E. coli O157:H7	2	WA	11	1994	1
Ground beef	E. coli O157:H7	23	CT	9	1993	1
Ground beef	E. coli O157:H7	15	CO	6	1997	1
Ground beef	E. coli O157:H7	3	PA	8	1993	1
Ground beef	E. coli O157:H7	5	FL	5	1997	4
Ground beef (sus.)	E. coli O157:H7	8	MT	9	1993	1
Hamburger	E. coli O157:H7	18	CT	9	1993	1
Hamburger	E. coli O157:H7	2	NY	10	1993	10
Ground beef (rare)	E. coli O157:H7	20	VA	7	1994	1
Hamburger	E. coli O157:H7	3	WA	11	1993	11
Roast beef	E. coli O157:H7	70	ND	7	1990	1
Ground beef	E. coli O157:H7	15	CO, KY	7	1997	4
Ground beef	E. coli O157:H7	2	NY	6	1998	4
Ground beef	E. coli O157:H7	4	PA	6	1994	4
Ground beef	E. coli O157:H7	4	MI	3	2001	1
Hamburgers	E. coli O157:H7	8	VA	5	1998	1
Hamburgers	E. coli O157:H7	5	VA	5	1998	1
Ground beef	E. coli O157:H7	8	WA	9	1998	11
Hamburger	E. coli O157:H7	19	IL	5	2001	1
Ground beef	E. coli O157:H7	43	NY	4	2000	4
Ground beef	E. coli O157:H7	3	TX	4	1996	4
Sloppy joe	E. coli O157:H7	5	MN	6	1999	1
Ground beef	E. coli O157:H7	2	WA	5	1998	4
Ground beef	E. coli O157:H7	10	MA	7	1993	4
Ground beef	E. coli O157:H7	10	CA	7	1993	1
Ground beef	E. coli O157:H7	9	PA	8	1996	4
Cheeseburger; bacon	E. coli O157:H7	4	FL	11	1998	1
Ground beef	E. coli O157:H7	19	NY	6	1994	4
Ground beef	E. coli O157:H7	8	MN	2	1994	1
Ground beef	E. coli O157:H7	11	MA	7	1995	1
Ground beef	E. coli O157:H7	8	GA, TN	6	1995	4
Ground beef	E. coli O157:H7	3	SD	6	1995	4
Ground beef	E. coli O157:H7	2	MN	5	1995	4
Ground beef	E. coli O157:H7	8	MN	9	1991	1
Hamburgers (sus.)	E. coli O157:H7	2	IL	4	1996	1
Ground beef	E. coli O157:H7	30	WA, OR	1	1994	1
Ground beef	E. coli O157:H7	3	WA	8	1995	11
Ground beef	E. coli O157:H7	24	NE	4	1994	1
Steak fingers	E. coli O157:H7	20	NM	11	1994	1

Beef

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Steak	E. coli O157:H7	2	WA	9	1994	1
Ground beef	E. coli O157:H7	7	FL	10	2000	1
Ground beef	E. coli O157:H7	2	WA	8	1991	11
Ground beef	E. coli O157:H7	9	CA	5	1994	1
Ground beef	E. coli O157:H7	21	OR, WA	1	1994	4
Beef; veal	E. coli O157:H7	12	NY	7	1995	1
Ground beef	E. coli O157:H7	33	ND	5	1994	1
Ground beef	E. coli O157:H7	2	NV	7	1996	4
Hamburgers	E. coli O157:H7	16	NY	6	1994	1
Hamburgers	E. coli O157:H7	26	NJ	6	1994	1
Ground beef	E. coli O157:H7	6	VA, NY	6	1998	4
Roast beef	E. coli O157:H7	11	MN	8	1995	1
Ground beef	E. coli O157:H7	12	NY	7	1995	1
Beef; veal	E. coli O157:H7	2	NY	10	1995	1
Ground beef	E. coli O157:H7	21	CO	7	1995	1
Hamburger (sus.)	E. coli O157:H7	5	MN	11	1995	1
Hamburger (sus.)	E. coli O157:H7	4	MN	5	1995	1
Hamburger	E. coli O157:H7	10	GA, TN	6	1995	1
Ground beef	E. coli O157:H7	2	NY	10	1995	1
Ground beef	E. coli O157:H7	2	WA	9	1995	4
Ground beef	E. coli O157:H7	7	OR	9	1996	4
Roast beef	E. coli O157:H7	31	MN	8	1995	4
Ground beef patties	E. coli O157:H7	7	NY	7	2001	4
Hamburger	E. coli O157:H7	15	IA	6	2002	10
Ground beef	E. coli O157:H7	24	6	4	1999	4
Ground beef	E. coli O157:H7	2	NC	5	1999	1
Ground beef	E. coli O157:H7	2	NC	5	1999	1
Ground beef	E. coli O157:H7	16	6	6	1999	4
Ground beef	E. coli O157:H7	3	NC	8	1999	1
Ground beef	E. coli O157:H7	9	CO	9	1999	1
Ground beef	E. coli O157:H7	10	MN	12	1999	1
Beef (steer)	E. coli O157:H7	321	IL	9	1999	1
Beef	E. coli O157:H7	3	NC	7	1999	1
Ground beef	E. coli O157:H7	2	IL	6	2001	4
Hamburger cross contamination to other foods	E. coli O157:H7	85	OR	8	2000	12
Roast beef; unspecified	E. coli O157:H7	17	FL	6	1999	1
Barbecue beef	E. coli O157:H7	4	TX	4	2000	4
Hamburger	E. coli O157:H7	5	WA	6	1999	4
Beef cross contaminated to other foods	E. coli O157:H7	736	WI	7	2000	4
Ground beef patties	E. coli O157:H7	14	CO	7	2001	4
Beef	E. coli O157:H7	3	GA	5	2001	1
Ground beef	E. coli O157:H7	34	4	5	1998	1
Hamburger	E. coli O157:H7	7	VA	9	2001	4
Sirloin tips	E. coli O157:H7	13	PA	10	2001	1
Ground beef	E. coli O157:H7	2	CT	6	1994	4
Hamburger	E. coli O157:H7	3	MN	6	2001	4
Ground beef	E. coli O157:H7	38	10	7	2002	8
Hamburger	E. coli O157:H7	2	NC	6	2000	4
Hamburger	E. coli O157:H7	5	MA	8	2000	1
Ground beef	E. coli O157:H7	52	IA, MN, WI	11	2000	4
Ground beef	E. coli O157:H7	3	MN	8	2000	4
Ground beef	E. coli O157:H7	31	AK	7	2000	4
Ground beef	E. coli O157:H7	4	PA	7	2000	4
Ground beef	E. coli O157:H7	2	NH	7	2000	4
Ground beef	E. coli O157:H7	5	MI,IL	3	2001	1
Ground beef	E. coli O157:H7	12	VT	6	2000	4
Ground beef	E. coli O157:H7	50	MI	11	2000	1
Ground beef	E. coli O157:H7	9	ME, MA, NH, MN	2	1999	1
Hamburger	E. coli O157:H7	13	TX	4	2000	1
Ground beef	E. coli O157:H7	30	IL, KY, MI, NC, NY, VA,WV	8	2001	4
Ground beef	E. coli O157:H7	8	NY	6	2000	4
Ground beef	E. coli O157:H7	18	MN	3	2000	4
Ground beef	E. coli O157:H7	13	GA, MI, OH	6	2001	1
Ground beef	E. coli O157:H7	17	WA	5	2001	1
Hamburger	E. coli O157:H7	15	MI	7	2000	1
Ground beef	E. coli O157:H7	732	CA, ID, NV, WA	12	1992	1
Ground beef	E. coli O157:H7	34	AR	5	2000	4
Meatloaf	E. coli O157:H7	6	NC	5	2000	4
Ground beef	E. coli O157:H7	10	MN	1	2000	4
Ground beef	E. coli O157:H7	2	NY	2	2000	4
Ground beef	E. coli O157:H7	4	MI	4	2000	4
Hamburger	E. coli O157:H7	4	WA	11	1992	11
Ground beef	E. coli O157:H7 (sus.)	2	FL	8	1999	1
Hamburger; stew	E. coli O157:H7 (sus.)	19	FL	8	1999	1
Ground beef	E. coli O157:H7 (sus.)	16	CO	6	2000	1
Hamburger	E. coli O157:H7 (sus.)	10	VA	5	1993	1
Hamburger	E. coli O157:H7 (sus.)	2	NY	7	2000	1
Cheeseburger	E. coli O157:H7 (sus.)	43	NY	3	2000	1

Beef

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Ground beef	E. coli O157:NM (H-)	9	NY	4	1999	1
Ground beef	E. coli O157:NM (H-)	7	CT; NH; NY	5	1999	1
Marinated beef	Heavy metals (sus.)	6	NY	5	1993	10
Hamburgers; breakfast sandwiches	Hepatitis A	8	WA	3	1998	11
Meatballs	Hepatitis A (sus.)	5	PA	9	1991	1
Hamburger	Norovirus	27	IA	6	1999	1
Meatloaf	Norovirus	56	IA	8	1999	1
Meatballs	Norovirus	20	WI	11	1999	1
Prime rib	Norovirus	14	MN	3	2001	1
Ground beef with salsa; ice	Norovirus	41	GA	12	1999	1
Corned beef hash	Norovirus	17	IA	3	1999	1
Cold prime rib sandwich	Norovirus	14	MN	3	2001	1
Meatballs	Norovirus	9	MN	7	1999	1
Prime rib	Norovirus (sus.)	14	IA	12	1999	1
Beef taco	Norovirus (sus.)	9	CA	6	2001	10
Roast beef sandwich; turkey	Norovirus (sus.)	8	CO	6	2000	1
Prime rib; mashed potatoes	Norovirus (sus.)	12	CA	6	2000	1
Hamburger; chicken	Norovirus (sus.)	9	FL	7	2000	1
Beef barbaloa	S. Agona	21	IL	8	1997	1
Beef; pork	S. Agona	45	OR	4	1997	1
Beef ribs	S. Agona	37	OK	5	1996	1
Hamburger	S. aureus	2	FL	4	2001	1
Taco salad with beef	S. aureus	9	HI	5	1994	1
Roast beef	S. aureus	30	KY	5	1998	1
Roast beef sandwich	S. aureus	8	MO	3	1993	1
Chili	S. aureus	38	AK	6	1991	10
Roast beef sandwich	S. aureus	2	FL	5	2001	1
Beef and noodle casserole	S. aureus	13	IL	1	1990	1
Roast beef; unspecified	S. aureus	5	OH	3	1999	1
Beef stew	S. aureus	16	WV	10	2001	1
Smoked beef	S. aureus	5	IL	11	1996	1
Spaghetti with meat sauce	S. aureus	40	NY	12	1992	1
Sliced beef	S. aureus	60	MN	9	1992	1
Corned beef	S. aureus	10	FL	10	1996	1
French dip beef	S. aureus	30	CA	2	1996	1
Spaghetti with meat sauce	S. aureus	22	HI	4	1992	1
Roast beef	S. aureus	19	WI	3	1992	1
Roast beef	S. aureus	23	VA	6	1990	1
Roast beef dishes	S. aureus	15	GA	2	2000	1
Corned beef (sus.)	S. aureus (sus.)	2	NY	5	1991	1
Corned beef	S. aureus (sus.)	2	IL	5	1991	1
Hamburger	S. aureus (sus.)	2	FL	2	1999	1
Cheeseburger	S. aureus (sus.)	2	FL	7	1998	1
Beef ribs; barbecue chicken	S. aureus (sus.)	2	FL	7	1999	1
Barbecue beef	S. aureus (sus.)	2	FL	5	1998	1
Prime rib	S. aureus (sus.)	2	FL	9	2000	1
Cheeseburger	S. aureus (sus.)	2	FL	7	1999	1
Cheeseburger	S. aureus (sus.)	2	FL	1	1998	1
Roast beef	S. aureus (sus.)	7	TN	12	2000	1
Ground beef	S. aureus (sus.)	2	FL	5	1998	1
Hamburger	S. aureus (sus.)	3	FL	4	1999	1
Sirloin	S. aureus (sus.)	3	FL	12	2000	1
Beef sandwich	S. aureus (sus.)	2	FL	11	2000	1
Beef sandwich	S. aureus (sus.)	3	FL	10	2000	1
Beef taco; meat pizza	S. aureus (sus.)	2	FL	2	2000	1
Hamburger	S. aureus (sus.)	2	FL	10	2000	1
Cheeseburger	S. aureus (sus.)	4	FL	9	1999	1
Beef sandwich	S. aureus (sus.)	2	FL	11	2001	1
Steak sandwich	S. aureus (sus.)	4	FL	1	2001	1
Beef sandwich	S. aureus (sus.)	2	FL	1	1999	1
Beef brisket	S. Berta	8	CA	8	1990	1
Roast beef (sus.)	S. Braenderup	91	MO	12	1991	1
Corned beef	S. Enteritidis	53	OH	8	1995	1
Beef Lasagna	S. Enteritidis	7	CA	10	2000	1
Beef taco	S. Enteritidis	4	ID	6	2000	1
Hamburgers	S. Enteritidis	49	LA	8	1991	1
Meatballs	S. Enteritidis	4	MD	1	1991	3
Beef	S. Enteritidis	55	CA	3	1995	1
Beef ribs	S. Enteritidis	6	CT	5	2001	1
Roast veal	S. Enteritidis	30	PR	10	1990	1
Corned beef	S. Enteritidis	58	VT	10	1993	1
Beef tartar (sus.)	S. Enteritidis	18	WI	5	1990	1
Chicken fried steak	S. Enteritidis	30	NV	2	1996	1
Shredded beef tacos (sus.)	S. Enteritidis	15	CA	2	1997	1
Hamburgers; turkey club sandwiches	S. Enteritidis	42	MD	6	1994	1
Corned beef	S. Enteritidis	35	NY	0	1990	3
Beef burrito; beef taco	S. flexneri	40	IL	6	2000	1
Beef	S. Hadar	28	WI	7	1994	1

Beef

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Beef	S. Hadar	55	CA	3	1995	2
Beef tacos	S. Heidelberg	118	MA	3	1996	1
Roast beef	S. Infantis	107	MS	7	2000	1
Beef	S. Infantis	30	CA	7	1994	1
Beef sandwich	S. Montevideo	19	MD	6	1999	1
Spaghetti sauce with meat	S. Newport	93	LA	10	1997	10
Ground beef	S. Newport	47	5	1	2002	6
Corned beef	S. Reading	130	NJ	1	1997	1
Beef	S. sonnei	3	FL	11	2001	1
Beef fajita	S. sonnei	6	CA	9	1999	1
Roast beef	S. Thompson	52	SD	9	1996	9
Hamburger	S. Thompson	6	AZ	7	2000	9
Beef; tripe	S. Thompson	47	FL	6	1999	1
Raw ground beef	S. Typhimurium	158	WI	12	1994	1
Raw beef	S. Typhimurium	130	CA	1	1994	8
Raw beef	S. Typhimurium	13	WI	8	1994	1
Beef tacos	S. Typhimurium	67	VA	7	1996	1
Beef jerky	S. Typhimurium var Copenhagen	6	CA	2	2001	1
Beef jerky	S. Typhimurium; Montevideo; Kentucky	93	NM	1	1995	1
Meatballs	Salmonella Group D2	5	NY	9	1998	1
Veal (sus.)	Salmonella spp.	42	PR	1	1992	1
Barbecue beef	Salmonella spp.	3	NC	10	1999	1
Baked macaroni with ground beef	Salmonella spp.	27	NY	12	1992	10
Cheeseburger	Salmonella spp. (sus.)	2	FL	4	2000	1
Steak	Salmonella spp. (sus.)	2	FL	3	1998	1
Cheeseburger	Salmonella spp. (sus.)	3	FL	1	2001	10
Cheeseburger	Shigella spp (sus.)	2	FL	4	2001	1
Spaghetti and meat sauce	Streptococcus spp.	122	HI	10	1997	1
Ground beef	Viral (sus.)	2	WA	9	1999	1
Beef Outbreaks: 338	Beef Cases: 10,795					

Poultry

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Chicken fried rice	B. cereus	14	VA	7	1993	1
Chicken	B. cereus	13	CA	3	1992	2
Rotisserie chicken	B. cereus	3	FL	3	1997	1
Turkey; unspecified	B. cereus (sus.)	471	AZ	9	1999	1
Chicken and rice	B. cereus (sus.)	4	NY	5	1993	10
Chicken quesedilla	B. cereus (sus.)	2	MD	2	2001	1
Fried chicken	B. cereus (sus.)	2	FL	8	1999	1
Fried chicken	B. cereus (sus.)	7	FL	5	1999	1
Buffalo wings	B. cereus (sus.)	2	FL	8	1999	1
Chicken fried rice	B. cereus (sus.)	3	FL	3	1999	1
Fried chicken	B. cereus (sus.)	2	FL	10	1998	1
Chicken fried rice	B. cereus (sus.)	2	FL	4	2001	1
Fried chicken	B. cereus (sus.)	5	FL	1	1998	1
Chicken sandwich; patty	B. cereus (sus.)	2	FL	12	2000	1
Chicken patty sandwich	B. cereus (sus.)	5	CA	12	2001	1
Chicken; rice	B. cereus (sus.)	8	FL	6	1998	1
Chicken burrito	B. cereus (sus.)	5	CA	7	2001	1
Buffalo	B. cereus (sus.)	2	FL	10	2000	1
Chicken fried rice	B. cereus (sus.)	6	NY	4	2000	1
Turkey with gravy	B. lichenformis	165	OH	5	1995	1
Turkey	B. subtilis (sus.)	14	NY	2	1992	10
Chicken	C. jejuni	2	WA	3	1994	11
Chicken	C. jejuni	2	WA	7	1993	11
Chicken	C. jejuni	13	CA	1	1999	1
Quail	C. jejuni	2	WA	3	2001	1
Chicken	C. jejuni	3	CA	3	2001	1
Chicken	C. jejuni	14	MD	4	2001	1
Chicken salad	C. parvum	15	MN	9	1995	1
Turkey and stuffing	C. perfringens	28	IL	4	2000	1
Chicken salad	C. perfringens	23	MD	5	2000	1
Chicken marsala	C. perfringens	13	PA	5	2000	1
Chicken enchilada	C. perfringens	10	NE	7	2000	1
Chicken	C. perfringens	92	OH	7	2000	1
Roasted turkey	C. perfringens	27	CO	12	2000	1
Turkey	C. perfringens	20	FL	11	1990	1
Turkey	C. perfringens	100	MN	2	1992	1
Turkey and gravy; ham	C. perfringens	270	CA	12	2000	1
Turkey	C. perfringens	600	WI	5	1991	1
Chicken enchilada	C. perfringens	34	NM	2	2000	1
Turkey; stuffing	C. perfringens	54	OH	12	2000	1
Turkey; gravy	C. perfringens	40	WI	6	1998	1
Turkey salad	C. perfringens	54	VA	7	1996	1
Turkey	C. perfringens	35	NY	11	1996	1
Turkey roasted with gravy	C. perfringens	80	MD	12	1996	1
Chicken	C. perfringens	23	MN	5	1997	1
Turkey and rice casserole	C. perfringens	8	WI	12	1991	1
Chicken enchilada	C. perfringens	12	IL	3	1997	1
Turkey with gravy	C. perfringens	100	CA	11	1995	1
Turkey	C. perfringens	18	NY	10	1997	1
Chicken and gravy	C. perfringens	20	WI	5	1999	1
Chicken	C. perfringens	50	NM	8	1998	1
Chicken curry	C. perfringens	8	NY	11	1993	10
Turkey	C. perfringens	56	NY	11	1994	1
Barbecue Turkey	C. perfringens	46	NC	12	1998	1
Turkey gravy	C. perfringens	20	NY	10	1993	10
Chicken and gravy	C. perfringens	10	NJ	4	1999	1
Gravy; turkey	C. perfringens	125	PA	11	1999	1
Turkey and gravy	C. perfringens	13	OH	11	1999	1
Turkey; unspecified	C. perfringens	10	TX	10	1999	1
Turkey with gravy	C. perfringens	4	NY	4	1993	1
Chicken enchilada; burrito	C. perfringens	5	GA	2	1993	1
Turkey	C. perfringens	35	FI	11	1997	10
Chicken enchilada	C. perfringens	2	FL	10	2001	1
Chicken salad	C. perfringens	196	NY	9	1992	10
Chicken with wine sauce	C. perfringens	23	NY	5	1992	1
Chicken	C. perfringens	25	MD	11	2001	1
Roasted turkey; gravy	C. perfringens	87	LA	11	2001	1
Turkey and gravy	C. perfringens	42	WI	8	2001	1
Smoked turkey	C. perfringens	9	NY	5	2001	1
Chicken casserole	C. perfringens	100	TX	6	2001	1
Chicken tetrazini	C. perfringens	3	IL	6	2001	1
Turkey	C. perfringens	45	OH	11	1991	1
Mexican chicken salad	C. perfringens	3	WA	4	1990	11
Chicken stew	C. perfringens	92	NY	5	1990	1
Chicken	C. perfringens	13	OH	3	2001	1
Stir fry chicken	C. perfringens (sus.)	37	NY	8	1993	10
Chicken tacos	C. perfringens (sus.)	2	IL	2	2000	1
Chicken fried rice	C. perfringens (sus.)	4	MD	1	1998	1

Poultry

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Ground turkey meat	C. perfringens (sus.)	55	CO	10	1991	1
Chicken kiev	C. perfringens (sus.)	65	PA	6	1994	1
Turkey with gravy (sus.)	C. perfringens (sus.)	4	NY	9	1992	1
Chicken	C. perfringens (sus.)	23	CA	2	2000	1
Chicken curry	C. perfringens (sus.)	9	CA	2	2001	1
Chicken salad	C. perfringens (sus.)	3	MD	1	1998	1
Chicken burrito; chicken enchilada	C. perfringens (sus.)	20	FL	1	1999	1
Chicken enchiladas	C. perfringens (sus.)	25	TX	6	1990	1
Chicken curry	C. perfringens (sus.)	12	NY	4	1998	1
Chicken marsala	C. perfringens (sus.)	20	CA	12	2000	1
Turkey	C. perfringens (sus.)	4	NY	11	1997	1
Chicken casserole	C. perfringens (sus.)	34	NY	3	1990	1
Turkey	C. perfringens (sus.)	3	OH	4	2001	1
Chicken	C. perfringens (sus.)	13	NY	12	1997	1
Chicken patty sandwich	C. perfringens (sus.), B. cereus (sus.)	5	CA	11	2001	1
Chicken burrito	C. perfringens (sus.), B. cereus (sus.)	11	CA	7	2000	1
Chicken chimichangas	C. perfringens, B. cereus	14	CA	1	2001	1
Chicken parmesan sandwich; beef sandwich	Campylobacter spp.	3	NY	6	2001	1
Chicken	Campylobacter spp.	4	NY	9	1993	10
Chicken sandwich	Campylobacter spp.	3	FL	1	1998	1
Chicken	Campylobacter spp. (sus.)	16	FL	8	1998	1
Turkey	Campylobacter spp. (sus.)	23	IL	11	1995	1
Chicken	Campylobacter spp. (sus.)	6	IL	4	1995	1
Turkey sandwich	E. coli O157:H7	2	FL	10	2000	1
Chicken	E. coli O157:H7	36	AR	5	2000	1
Turkey	E. coli O157:H7	4	ID	10	2001	4
Baked chicken	E. coli O157:H7 (sus.)	82	FL	5	1994	1
Chicken ala king with sauce	Heavy metals	6	MO	3	1993	1
Goose liver pâté	L. monocytogenes	11	MD, NY, CT	7	1999	1
Deli turkey meat	L. monocytogenes	29	10	5	2000	6
Chicken soup	Methomyl (chemical)	108	CA	12	1998	1
Chicken patty sandwich	Norovirus	6	MN	2	2001	1
Turkey; ham	Norovirus	16	WA	3	2001	1
Turkey; unspecified	Norovirus	19	OH	4	1999	1
Turkey	Norovirus	11	IL	4	2001	1
Turkey sandwiches	Norovirus	43	NC	9	1998	
Turkey sandwich	Norovirus	40	WV	5	2001	1
Roasted turkey	Norovirus	39	VA	12	2001	1
Chicken	Norovirus	14	WI	10	1999	1
Chicken quesadilla; chicken burrito	Norovirus	11	GA	5	2001	1
Chicken salad	Norovirus	22	CA	8	2000	1
Chicken nuggets	Norovirus	21	MN	2	2000	1
Chicken	Norovirus	18	MI	8	2000	1
Chicken	Norovirus (sus.)	8	CA	6	1999	1
Barbecue chicken	Norovirus (sus.)	17	FL	5	2000	1
Chicken parmesan sandwich	Norovirus (sus.)	24	IL	11	2000	1
Chicken tetrazini	Norovirus (sus.)	21	IN	2	2001	1
Chicken enchilada	Norovirus (sus.)	12	MN	8	1999	1
Chicken and rice	Norovirus (sus.)	11	CA	4	1999	1
Chicken salad	Norovirus (sus.)	4	MN	11	2001	1
Chicken nuggets (sus.)	Norovirus (sus.)	13	FL	4	1997	10
Oriental chicken salad	Norovirus (sus.)	13	FL	10	2000	1
Barbecue chicken	Norovirus (sus.)	4	FL	3	2000	1
Turkey sandwich	Norovirus (sus.)	85	ID	8	1998	1
Fried chicken	Norovirus (sus.)	19	CA	7	2001	1
Chicken patty sandwich	Norovirus (sus.)	28	FL	1	2001	1
Chicken	Norovirus (sus.)	81	TX	4	1999	1
Turkey	Norovirus (sus.)	10	CA	12	2001	1
Turkey sandwich	Norovirus (sus.)	3	WA	8	2000	1
Chicken	Norovirus (sus.)	13	MN	3	2001	10
Chicken quesadillas; pork; coleslaw	Norovirus (sus.)	27	IL	6	2001	1
Chicken salad	Norovirus (sus.)	4	MN	11	2001	10
Turkey; ice	Norovirus (sus.)	15	CA	11	1999	1
Turkey sandwich	Norovirus (sus.)	51	FL	9	2000	1
Chicken patty sandwich	Norovirus (sus.)	6	MN	3	2001	10
Turkey salad sandwich (sus.)	Norovirus (sus.)	34	FL	4	1997	10
Chicken parmesan	Other chemical (sus.)	2	FL	7	2000	1
Fried chicken	Other chemical (sus.)	6	OH	8	2000	1
Chicken salad (USDA); pita (FDA)	Other viral (sus.)	3	FL	4	1998	1
Roasted chicken	Other viral (sus.)	119	IL	11	1995	1
Turkey	S. Agona	851	SC	8	1990	1
Turkey	S. aureus	45	SC	11	1994	1
Chicken casserole	S. aureus	54	MO	5	1990	1
Chicken	S. aureus	6	CA	3	2001	1
Chicken carbonara	S. aureus	2	WA	7	1995	11
Fried chicken	S. aureus	4	FL	3	2001	1
Buffalo wings	S. aureus	3	FL	2	1999	1
Chicken fajitas	S. aureus	7	FL	5	1997	1

Poultry

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Turkey	S. aureus	20	PA	11	1994	1
Chicken lo mein	S. aureus	32	NY	10	2001	1
Chicken fried rice	S. aureus	3	MD	5	1999	1
Chicken noodle soup	S. aureus	2	NY	11	1991	1
Turkey	S. aureus	17	IL	12	1995	1
Turkey biscuit	S. aureus	6	VA	12	1995	1
Barbecue chicken	S. aureus	62	HI	4	1997	10
Chicken patty sandwich	S. aureus	4	FL	7	2001	1
Turkey and stuffing	S. aureus	17	GA	12	2001	1
Turkey; ham	S. aureus	62	TN	12	2001	1
Chicken lo mein	S. aureus	72	NY	10	2001	1
Chicken liver	S. aureus	2	MD	3	2000	1
Macaroni with ground turkey sauce	S. aureus	98	FL	11	1997	1
Chicken salad	S. aureus	12	GA	5	2000	1
Turkey and stuffing	S. aureus	53	GA	4	2001	1
Chicken	S. aureus	7	FL	5	1997	2
Chicken casserole	S. aureus (sus.)	5	FL	4	2001	1
Turkey	S. aureus (sus.)	22	VA	6	1997	1
Chicken	S. aureus (sus.)	8	FL	5	2000	1
Turkey salad	S. aureus (sus.)	218	TX	1	1998	1
Chicken soup	S. aureus (sus.)	22	TX	2	1998	1
Chicken sandwich; patty	S. aureus (sus.)	3	FL	5	1998	1
Chicken sandwich; patty	S. aureus (sus.)	3	FL	3	1998	1
Chicken	S. aureus (sus.)	2	FL	4	1999	1
Chicken	S. aureus (sus.)	4	FL	5	2001	1
Sliced turkey	S. aureus (sus.)	10	MN	4	1992	1
Turkey	S. aureus (sus.)	3	HI	11	2000	1
Turkey	S. aureus (sus.)	51	VA	11	1991	1
Chicken nuggets/fingers	S. aureus (sus.)	3	FL	12	2000	1
Buffalo wings	S. aureus (sus.)	3	FL	9	1999	1
Chicken sandwich; patty	S. aureus (sus.)	3	FL	4	1999	1
Fried chicken	S. aureus (sus.)	2	FL	8	1999	1
Chicken	S. aureus (sus.)	2	FL	7	1999	1
Chicken nuggets/fingers	S. aureus (sus.)	3	MI	6	2001	1
Chicken	S. aureus (sus.)	2	FL	3	1999	1
Chicken	S. aureus (sus.)	3	FL	10	1998	1
Fried chicken	S. aureus (sus.)	2	FL	2	2000	1
Chicken burrito	S. aureus (sus.)	2	FL	3	2000	1
Chicken	S. Braenderup	7	CA	5	1999	1
Chicken	S. Braenderup	2	WA	3	1993	11
Grilled chicken	S. Braenderup	21	WI	6	2001	1
Fried chicken	S. Braenderup (sus.)	11	CA	11	2001	1
Roasted, marinated duck	S. Derby	15	NY	8	1990	1
Barbecue Chicken	S. Enteritidis	205	UT	8	1996	3
Turkey salad (sus.)	S. Enteritidis	45	FL	8	1991	1
Turkey club sandwich	S. Enteritidis	16	NJ	8	1991	1
Chicken salad	S. Enteritidis	11	CA	12	1991	12
Chicken salad	S. Enteritidis	14	CA	12	1996	1
Chicken tetrazzini	S. Enteritidis	20	MO	1	1995	1
Turkey	S. Enteritidis	106	OH	11	1996	1
Chicken sandwich	S. Enteritidis	49	OH	6	1998	1
Chicken tempura (sus.)	S. Enteritidis	14	WI	6	1997	1
Chicken dishes (sus.)	S. Enteritidis	10	DC	8	1995	1
Chicken francais (breaded)	S. Enteritidis	40	NY	6	1991	1
Turkey and gravy	S. Enteritidis	21	MD	2	1993	3
Chicken (sus.)	S. Enteritidis	5	MD	8	1994	1
Chicken burrito	S. Enteritidis	4	MD	1	1998	1
Chicken wings (sus.)	S. Enteritidis	4	VT	6	1993	1
Chicken nuggets/fingers	S. Enteritidis	27	IA	9	2001	1
Roasted turkey	S. Enteritidis	17	NY	11	2001	1
Chicken parmesan sandwich	S. Enteritidis	3	MD	7	1999	1
Chicken salad	S. Enteritidis	15	NY	8	1999	1
Chicken	S. Enteritidis	41	VA	8	1998	1
Turkey (sus.)	S. Enteritidis	24	MD	2	1993	1
Baked Chicken	S. Enteritidis	15	NY	6	2001	1
Chicken sandwich	S. Enteritidis	33	NY	10	1993	1
Chicken salad	S. Enteritidis	67	MD	3	1993	1
Turkey	S. Enteritidis	13	TX	9	2000	1
Chicken patty sandwich	S. Enteritidis	2	WA	10	2001	1
Chicken	S. Enteritidis	7	NY	12	1996	1
Chicken	S. Enteritidis	44	WI	5	2002	12
Chicken salad; elk (sus.)	S. Enteritidis	194	DE	9	1992	1
Chicken salad; ham	S. Enteritidis	65	MD	4	1999	1
Chicken salad	S. Enteritidis	17	CA	6	2001	1
Chicken	S. Enteritidis	3	WA	11	1992	11
Chicken	S. Enteritidis	10	NY	11	1991	3
Chicken	S. Enteritidis	89	PA	7	1991	1
Chicken	S. Enteritidis	2	WA	3	1993	11

Poultry

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Buffalo wings	S. Enteritidis	9	PA	7	1991	1
Chicken	S. Enteritidis	7	CA	11	1999	1
Chicken dishes (sus.)	S. Enteritidis	3	NY	7	1994	1
Chicken enchilada	S. Enteritidis	14	CA	2	1998	3
Turkey; lamb (sus.)	S. Enteritidis	7	MO	10	1994	1
Turkey	S. Enteritidis	55	OH	11	1994	1
Turkey	S. Enteritidis	51	NY	11	1994	1
Chicken	S. Enteritidis	45	CT	6	1990	3
Turkey sandwich	S. Enteritidis	4	FL	11	2001	1
Chicken	S. Enteritidis	24	NY	1	1991	3
Buffalo wings	S. Enteritidis (sus.)	4	FL	4	1998	1
Barbecue chicken	S. Enteritidis (sus.)	2	FL	4	1998	1
Chicken	S. Give	19	WI	4	1999	1
Chicken	S. Group B	5	FL	4	2000	1
Chicken nuggets/fingers	S. Group C2	3	FL	7	2000	1
Smoked turkey	S. Hadar	4	ND	5	1994	1
Chicken salad	S. Hadar	89	NY	6	1991	1
Chicken salad	S. Hadar	55	MD	3	1999	1
Turkey	S. Hadar	27	IL	11	1996	1
Chicken	S. Hadar	39	VA	11	1997	1
Baked chicken	S. Hadar	104	PA	2	1999	1
Barbecue chicken	S. Heidelberg	25	MD	4	1990	1
Chicken salad	S. Heidelberg	8	NY	2	1990	1
Chicken liver	S. Heidelberg	4	CA	8	2000	1
Smoked turkey	S. Heidelberg	14	MN	7	2000	10
Ground turkey	S. Heidelberg	36	NY	5	1990	1
Barbecue chicken	S. Heidelberg	41	NY	6	1999	1
Chicken fajitas	S. Heidelberg	673	CT	9	1991	1
Turkey and stuffing	S. Heidelberg	25	PA	3	1998	1
Ground turkey	S. Heidelberg	55	CA	7	1994	1
Chicken	S. Heidelberg	15	CA	6	1997	1
Turkey stew	S. Heidelberg	3	WA	12	1995	11
Chicken wings	S. Heidelberg	13	OH	5	1991	1
Chicken	S. Heidelberg	77	PA	3	1991	1
Chicken liver pâté	S. Heidelberg; C. jejuni	119	NY	7	1993	1
Chicken sandwich	S. Javiana	55	MA	6	1996	9
Chicken	S. Javiana	7	TX	7	1999	1
Chicken	S. Miami	17	WA	4	1994	11
Turkey	S. Montevideo	12	WA	6	1991	11
Chicken pot pie	S. Muenchen	2	ME	12	1998	1
Chicken	S. Muenchen	22	VA	5	1999	1
Turkey; unspecified	S. Muenchen; Enteritidis	12	MA	11	1999	1
Buffalo wings	S. Newbrunswick	5	CA	4	1999	1
Fried chicken	S. Newport	8	OK	8	2000	1
Barbecue chicken	S. Newport	115	MO	9	1990	1
Fried chicken	S. Newport	9	MD	4	2001	1
Chicken	S. Newport	5	NH	9	2000	1
Chicken; multiple foods	S. Oranienburg	20	MI	7	2001	1
Barbecue chicken	S. Oranienburg	10	NY	5	2001	1
Roasted turkey	S. Reading	101	CT	10	1990	1
Turkey; stuffing	S. Saint Paul	5	MA	11	1999	1
Turkey dressing sandwich	S. Schwarzengrund	39	WI	6	1990	1
Barbecue Chicken	S. Sentfenberg	18	HI	3	1996	1
Chicken nuggest/fingers	S. sonnei	2	FL	11	2001	1
Chicken salad	S. sonnei	9	MD	4	1990	1
Chicken curry	S. sonnei	31	NY	1	1995	1
Chicken	S. sonnei	34	GA	9	1998	1
Chicken	S. sonnei	63	NY	7	1997	1
Chicken nuggets/fingers	S. sonnei (sus.)	2	FL	12	1998	1
Roasted turkey	S. Stanley	34	NY	11	1999	1
Chicken salad; chicken chili	S. Thompson	28	CA	7	1995	1
Chicken	S. Thompson	7	MA	1	2000	1
Smoked turkey (sus.)	S. Typhimurium	5	MN	6	2000	10
Chicken	S. Typhimurium	15	WA	9	1998	11
Chicken	S. Typhimurium	2	WA	5	1994	11
Chicken	S. Typhimurium	7	CT	7	2001	1
Chicken	S. Typhimurium	65	MI	6	1990	1
Chicken	S. Typhimurium	2	WA	6	1999	1
Chicken taco, chicken burrito	S. Typhimurium	8	GA	9	1999	1
Chicken salad	S. Typhimurium	5	MD	1	1998	1
Chicken	S. Typhimurium	4	NY	6	1998	1
Chicken kiev	S. Typhimurium	15	MN	8	1998	1
Chicken salad	S. Typhimurium	118	WI	6	1990	1
Chicken	S. Typhimurium	12	CA	4	2000	1
Turkey (sus.)	S. Typhimurium	11	OH	11	1990	1
Smoked turkey	S. Typhimurium (sus.)	12	MN	6	2000	1
Turkey	S. Typhimurium; C. jejuni	22	OR	11	1998	1
Barbecue chicken	Salmonella Group C1	17	FL	4	2000	1

Poultry

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Chicken	Salmonella Group E1	2	FL	7	1998	1
Turkey (sus.)	Salmonella spp.	15	FL	5	1990	1
Raw turkey (sus.)	Salmonella spp.	15	MA	4	1990	1
Oriental chicken salad	Salmonella spp.	12	N Y	7	1996	1
Chicken cutlet	Salmonella spp.	7	NY	11	1992	10
Chicken	Salmonella spp.	4	CO	12	2001	1
Chicken	Salmonella spp.	2	FL	7	2001	1
Chicken salad	Salmonella spp.	17	NY	4	1993	1
Buffalo wings	Salmonella spp.	2	FL	6	2001	1
Chicken patty sandwich; other food	Salmonella spp.	4	MD	1	2001	10
Turkey; unspecified	Salmonella spp.	9	KY	10	1999	1
Chicken tandori	Salmonella spp.	43	IL	10	1998	1
Spaghetti with turkey meat balls	Salmonella spp.	56	WI	7	2001	12
Turkey	Salmonella spp.	58	NC	12	2000	1
Turkey	Salmonella spp.	40	IN	11	1997	1
Chicken salad	Salmonella spp. (sus.)	3	FL	2	1999	1
Chicken salad	Salmonella spp. (sus.)	2	FL	1	2000	1
Chicken	Salmonella spp. (sus.)	4	FL	9	2000	1
Chicken enchilada	Salmonella spp. (sus.)	3	FL	3	1998	1
Chicken sandwich; patty	Salmonella spp. (sus.)	4	FL	11	2000	1
Turkey	Salmonella spp. (sus.)	5	WA	12	2000	1
Chicken nuggets/fingers	Salmonella spp. (sus.)	6	WA	3	2001	1
Fried chicken	Salmonella spp. (sus.)	2	FL	4	2001	1
Chicken salad	Salmonella spp. (sus.)	2	FL	11	2000	1
Chicken	Salmonella spp. (sus.)	3	FL	1	1999	1
Turkey	Salmonella spp. (sus.)	18	CA	8	1994	1
Other chicken	Salmonella spp. (sus.)	3	FL	4	1998	1
Barbecue chicken	Salmonella spp. (sus.)	2	FL	3	1998	1
Peking duck	Salmonella spp. (sus.)	9	NY	11	1992	10
Chicken enchilada	Salmonella spp. (sus.)	2	CO	5	1999	1
Chicken salad	Shigella spp (sus.)	200	TX	7	2000	1
Chicken (sus.)	Shigella spp. (sus.)	2	FL	9	1997	1
Chicken and rice	Staphylococcus spp. (sus.)	30	FL	3	1997	10
Smoked chicken	Streptococcus Group A	4	AR	3	1998	1
Cornish hen	Unsp. virus	67	IL	10	1997	1
Chicken marsala	Unsp. virus (sus.)	97	NY	12	1992	10
Turkey salad	Unsp. virus (sus.)	21	NY	11	1992	10
Chicken wings	Unsp. virus (sus.)	13	NY	11	1992	10
Chicken	V. parahaemolyticus	47	GU	1	1998	2
Chicken salad sandwiches	Viral	6	MN	3	2001	1
Chicken	Viral (sus.)	170	IL	11	1996	1
Chicken fingers	Viral (sus.)	9	IL	12	1996	1
Chicken (sus.)	Viral (sus.)	23	IL	5	1996	1

Poultry Outbreaks: 355

Poultry Cases: 11,898

Pork

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Barbecue pork	B. cereus	33	VA	9	1997	1
Pork-fried rice	B. cereus	12	MD	9	1994	1
Pork-fried rice	B. cereus	5	WA	4	1991	1
Barbecue pork	B. cereus	139	SC	5	1991	1
Barbecue pork	B. cereus (sus.)	2	FL	6	1998	1
Pork fried rice	B. cereus (sus.)	2	FL	11	1998	1
Ham Sandwich	B. cereus (sus.), S. aureus (sus.)	9	WV	9	2001	1
Pork	C. jejuni	9	NY	9	1995	1
Ham; beef; veal	C. jejuni (sus.)	11	IL	5	1992	1
Pork	C. perfringens	18	IN	4	1998	1
Pork based soup	C. perfringens	9	FL	2	2000	1
Pork	C. perfringens	14	HI	12	2000	1
Roasted pork	C. perfringens	25	PA	9	2000	1
Kalua pig	C. perfringens	13	HI	0	2000	10
Kalua pig	C. perfringens	36	HI	10	1998	10
Roasted Pork	C. perfringens	7	FL	7	1998	1
Pork	C. perfringens	27	IL	9	1995	1
Ham	C. perfringens	28	OH	7	1991	1
Roasted pork	C. perfringens (sus.)	74	IL	3	2000	1
Barbecue pork	C. perfringens (sus.)	2	FL	2	2001	1
Pork carnitas	C. perfringens (sus.)	6	CA	10	2001	1
Roasted pork	C. perfringens (sus.)	14	FL	9	1998	1
Pork chili	C. perfringens (sus.)	35	OK	2	1993	1
Barbecue pork	C. perfringens (sus.)	2	WA	4	2000	1
Roasted pork	C. perfringens (sus.)	26	CO	9	2001	1
Barbecue pork	C. perfringens (sus.)	36	FL	6	1998	1
Cheese and ham casserole	Norovirus	90	KS	10	1996	1
Ham sandwich	Norovirus	22	MN	6	1998	1
Deli ham sandwich	Norovirus	125	TX	3	1998	1
Ham	Norovirus	94	SD	3	2000	1
Ham sandwich	Norovirus	11	MN	3	2001	1
Barbecue pork	Norovirus (sus.)	2	FL	2	2001	1
Ham	Norovirus (sus.)	88	FL	3	2000	1
Ham	Norovirus (sus.)	11	MN	4	2000	1
Barbecue pork	Norovirus (sus.)	21	IA	12	2000	1
Ham sandwich	Norovirus (sus.)	11	FL	11	2001	10
Ham; unspecified	S. aureus	8	IN	10	1999	1
Ham; unspecified	S. aureus	4	OH	8	1999	1
Ham; unspecified	S. aureus	46	NC	7	1999	1
Ham; unspecified	S. aureus	4	WI	3	1999	1
Ham	S. aureus	19	TN	12	2001	1
Ham salad	S. aureus	225	TX	8	1998	1
Barbecue pork	S. aureus	18	GA	10	2001	1
Ham; unspecified	S. aureus	48	NC	12	1999	1
Ham	S. aureus	100	RI	5	1990	1
Barbecue pork	S. aureus	100	GA	9	1999	1
Ham; roasted pork	S. aureus	112	OH	9	2001	1
Ham	S. aureus	21	FL	9	1997	1
Ham	S. aureus	37	IN	12	1997	1
Pork	S. aureus	27	IN	6	1998	1
Kalua pig	S. aureus	15	HI	5	1998	10
Barbecue pork	S. aureus	12	SC	12	1998	1
Ham	S. aureus	43	AR	9	2001	1
Barbecue pork	S. aureus	34	TN	4	2001	1
Roast pork	S. aureus	35	FL	8	1996	1
Baked ham	S. aureus	51	ME	7	2002	12
Barbecue pork	S. aureus	125	GA	9	2000	1
Barbecue pork	S. aureus	89	GA	9	2000	1
Barbecue pork	S. aureus	34	AL	5	2000	1
Ham	S. aureus	2	PA	2	2000	1
Ham rolls	S. aureus	17	VA	8	1994	1
Pork carnitas	S. aureus	17	WI	11	2000	1
Pork	S. aureus	8	CA	6	2001	1
Barbecue pork	S. aureus	37	IL	9	1990	1
Sliced ham	S. aureus	53	MT	5	1992	1
Ham slices	S. aureus	2	ID	5	1990	1
Ham	S. aureus	2	WI	7	1990	1
Ham	S. aureus	80	CA	5	1994	1
Ham	S. aureus	5	MN	12	1994	1
Pork	S. aureus	21	HI	9	2001	1
Ham	S. aureus	17	WI	12	1994	1
Ham	S. aureus (sus.)	9	WA	5	1997	1
Ham	S. aureus (sus.)	3	FL	9	1998	1
Sliced ham	S. aureus (sus.)	28	GA	8	1991	1
Barbecue pork	S. aureus (sus.)	60	GA	1	1991	1
Ham	S. aureus (sus.)	12	IL	11	1992	1
Ham and cheese omelette	S. aureus (sus.)	10	VA	7	1992	1
Ribs	S. aureus (sus.)	2	FL	9	2001	1

Pork

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Ham; unspecified	<i>S. aureus</i> (sus.)	3	WA	1	1999	1
Ribs	<i>S. aureus</i> (sus.)	58	CA	6	2000	1
Ham	<i>S. aureus</i> (sus.)	18	MD	8	2000	1
Ham; unspecified	<i>S. aureus</i> (sus.)	22	VA	10	1999	1
Barbecue pork	<i>S. aureus</i> (sus.)	2	FL	3	1998	1
Pork carnitas	S. Berta; Reading	3	IL	8	1995	1
Pork	S. Bredeney	170	AL	7	1998	9
Barbecue pork	S. Enteritidis	49	SC	9	1993	1
Pigs feet	S. Enteritidis	4	IL	3	2001	1
Pork carnitas	S. Enteritidis	32	CA	7	1998	1
Ham (sus.)	S. Enteritidis	42	IL	8	1996	1
Barbecue pork	S. Hadar	60	GA	9	1999	1
Ham	S. Heidelberg	706	MD	11	1997	12
Ham; beef; veal	S. Heidelberg	45	IA	7	1992	1
Pork	S. Heidelberg	24	MN	6	1996	1
Open-pit-roasted pig	S. Litchfield	80	DE	6	1996	1
Barbecue pork	S. Mbandaka	50	AL	8	2000	1
Pork carnitas; chicken	S. Newport	13	IL	8	1995	1
Pork	S. Thompson	24	OH	7	1991	1
Pork carnitas	S. Typhimurium	5	CA	5	2003	1
Roasted Pork	S. Typhimurium	17	MN	10	1998	1
Pork	S. Typhimurium	22	AK	7	1992	10
Roasted pork	S. Typhimurium	11	CT	7	2000	1
Barbecue pork; ribs; chicken	S. Typhimurium	131	VA	9	1993	1
Lop pork; stir-fried pork	S. Typhimurium	28	CA	3	1994	1
Pork	S. Typhimurium	16	PA	8	2001	1
Barbecue pork	S. Typhimurium	269	NE	5	1995	1
Barbecue Pork	S. Typhimurium	33	GA	8	1998	1
Barbecue pork	S. Typhimurium var. Copenhagen	16	GA	7	1999	1
Roasted pork	S. Typhimurium, S. Newport	15	VT	8	2001	1
Roasted pork	S. Uganda	21	NY	6	2001	1
Pork	S. Uganda	20	IL	8	2001	1
Barbecue pork	S. Weltevreden	3	HI	4	2001	1
Baked ham	Salmonella spp.	14	NY	9	1993	10
Ribs	Salmonella spp.	13	FL	8	2000	1
Roasted pork	Salmonella spp.	3	FL	9	2000	1
Pork sausage	Salmonella spp. (sus.)	29	IN	3	2000	1
Chitterlings	Salmonella ssp., Y. enterocolitica	8	GA	11	2000	1
Ham	Staphylococcus spp.	13	FL	11	1997	10
Pork (sus.)	T. spiralis	10	CA	10	1993	1
Pork sausage	T. spiralis	15	VA	11	1990	1
Pork sausage	T. spiralis	4	IA	0	1994	1
Pork sausage	T. spiralis	90	IA	7	1990	1
Pork	T. spiralis	2	WI	0	1994	1
Pork	Trichinella spp.	7	CA	5	2001	1
Pork sausage	Trichinella spp.	3	MD	0	1993	1
Ham sandwich	Viral (sus.)	30	WA	12	1999	1
Chitterlings	Y. enterocolitica	12	TN	11	2001	1
Chitterlings	Y. enterocolitica	7	GA	12	2001	1
Pork; unspecified	Y. enterocolitica	32	TX	9	1999	1
Pork chitterling	Y. enterocolitica	10	NY	10	1994	1
Pork chitterling	Y. enterocolitica	17	NY	11	1995	1
Chitterlings (sus.)	Y. enterocolitica	6	NY	12	1996	1
Pork Outbreaks: 131	Pork Cases: 4,998					

Other Meats

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Meat Gravy on mashed potato	B. cereus	4	OH	5	1999	1
Meat gravy	B. cereus	3	CA	12	1992	1
Gravy; pork-fried rice	B. cereus (sus.)	4	NY	4	1992	1
Sausage	B. cereus (sus.), C. perfringens (sus.)	3	FL	4	1998	1
Sausage; stew; hot dog	B. cereus, C. perfringens	31	CA	5	2001	1
Homemade sausage	C. botulinum	1	WY	10	1990	1
Cold meat tray	C. jejuni	20	NY	4	1991	1
Meat omelets	C. jejuni	4	WA	6	1993	11
Sausage/ beef brisket	C. perfringens	50	TX	5	1998	1
Meat Gravy	C. perfringens	9	WI	4	1991	1
Burrito; meat stew	C. perfringens	4	CO	1	1999	1
Hot dog	C. perfringens	31	PA	4	1999	1
Sausage gravy	C. perfringens	42	WA	5	1991	11
Meat gravy	C. perfringens	120	WI	3	1992	1
Liver pâté	C. perfringens	11	CA	4	1998	1
Taco meat	C. perfringens	300	WA	11	1991	11
Taco meat	C. perfringens	41	WA	10	1992	11
Taco meat	C. perfringens	91	GA	5	1992	1
Meat and cheese nachos	C. perfringens	6	NY	8	1993	1
Beef and chicken tacos	C. perfringens	700	MO	4	1990	1
Taco meat	C. perfringens	115	WA	8	1992	11
Meat Gravy	C. perfringens	26	WI	12	1996	1
Beef and chicken fajita	C. perfringens	63	TX	6	1993	1
Sausage gravy	C. perfringens	70	IN	5	1995	1
Taco shells with meat	C. perfringens (sus.)	121	NY	5	1992	1
Stew or chili; sirloin	C. perfringens (sus.)	460	CA	8	1999	1
Meat dishes	C. perfringens (sus.)	4	FL	9	2001	1
Hot dog	C. perfringens (sus.)	42	LA	8	2000	1
Meat Gravy on mashed potato	C. perfringens (sus.)	2	FL	6	1999	1
Meat Gravy	C. perfringens (sus.)	8	FL	11	1999	1
Sausage gravy	C. perfringens, B. cereus	6	OH	5	2001	1
Porcupine	C. perfringens, B. lichenformis	5	MS	4	2000	1
Meat; cheese; vegetable platters	Calicivirus	24	MN	1	2000	10
Meat pizza	Chemical (sus.)	5	FL	12	1999	1
Hot dog	E. coli O157:H7	23	TX	6	1998	1
Taco meat	E. coli O157:H7	11	WA	10	1998	4
Hard shell tacos	E. coli O157:H7	21	8	11	1999	
Dry-cured salami	E. coli O157:H7	23	CA, WA	11	1994	1
Mixed meat sausage	E. coli O157:H7	33	ID	10	1999	1
Meat gravy	E. coli O157:H7	45	TX	6	2000	4
Deli meats	Hepatitis A	10	CA	10	2000	1
Hot dog	L. monocytogenes	4	NY	10	1999	1
Turkey, ham, and roast beef deli meat	L. monocytogenes	2	FL	8	1999	1
Deli meats	L. monocytogenes	5	MN	9	1999	1
Hot dog	L. monocytogenes	4	CO	12	1998	1
Hot dogs; deli meats	L. monocytogenes	101	22	8	1998	1
Turkey deli meat; ham deli meat	Norovirus	5	OH	4	2001	1
Multiple deli meats	Norovirus	9	FL	4	2001	1
Deli meats	Norovirus	4	OH	7	1997	1
Deli sandwiches	Norovirus	15	OH	4	1997	1
Deli meats	Norovirus	51	IA	5	1998	1
Meat and vegetable pizza	Norovirus	20	OH	12	2000	1
Meatballs; ravioli; water	Norovirus	135	IL	10	2000	1
Hot dog	Norovirus	40	FL	4	1998	1
Meat pizza	Norovirus	8	ID	3	2000	1
Meat	Norovirus (sus.)	14	CA	6	1999	1
Meat	Norovirus (sus.)	12	TN	7	2001	1
Multiple deli meats	Norovirus (sus.)	12	PA	3	2001	1
Cold-cut meats (sus.)	Norovirus (sus.)	22	FL	11	1998	10
Hot dog; hamburger	Norovirus (sus.)	6	FL	1	2000	1
Multiple deli meats	Other viral (sus.)	22	FL	11	1998	1
Meat pizza	S. aureus	2	CT	6	2001	1
Sausage and rice	S. aureus	10	VA	7	1998	1
Pastrami	S. aureus	3	CA	7	1990	1
Mixed meat hotdog	S. aureus	2	FL	12	2001	1
Italian sausage	S. aureus	10	CO	6	2000	1
Barbecue; unspecified	S. aureus	20	GA	6	2001	1
Meatloaf	S. aureus	3	HI	5	2000	1
Turkey and ham deli meat	S. aureus	35	SC	12	1998	1
Salami	S. aureus (sus.)	32	AR	8	2001	1
Meat pizza	S. aureus (sus.)	3	FL	2	1999	1
Meat pizza	S. aureus (sus.)	4	FL	2	1999	1
Vienna sausage	S. aureus (sus.)	6	FL	5	2000	1
Meat pizza	S. aureus (sus.)	3	FL	7	1998	1
Meat pizza	S. aureus (sus.)	3	FL	1	2000	1
Meat and vegetable pizza	S. aureus (sus.)	4	CO	6	1999	1
Meat pizza	S. aureus (sus.)	2	FL	2	2000	1
Meat and vegetable pizza	S. aureus (sus.)	3	FL	5	1999	1

Other Meats

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Meat and vegetable pizza	S. aureus (sus.)	4	FL	9	1998	1
Meat pizza	S. aureus (sus.)	3	FL	6	1999	1
Red meats	S. Enteritidis	7	KY	0	1990	3
Hot dog	S. Enteritidis	2	FL	3	1998	1
Lunch meat (sus.)	S. Enteritidis	21	PA	7	1996	1
Smoked turkey	S. Heidelberg	14	MN	7	2000	1
Carne asada; pork	S. Heidelberg	16	CA	5	2000	1
Bologna; barbecue chicken	S. Infantis	5	TX	2	1990	1
Meat sauce	S. Mbandaka, S. Javiana, S. Kentucky	56	WI	7	2001	1
Goat meat	S. Sandiego	22	CA	3	1997	1
Goat meat	S. Typhimurium	41	CA	5	1994	1
Goat meat; cow stew	S. Typhimurium	103	MD	9	1993	1
Taco with meat, vegetables, cheese	S. Typhimurium	920	NY	6	1993	
Goat; unspecified	S. Typhimurium	20	MA	7	1999	1
Pastrami (sus.)	S. Typhimurium	7	CA	6	1990	1
Dried sausage	Salmonella Group B	2	NY	1	1998	1
Chicken deli meat	Salmonella spp.	2	FL	11	1999	1
Lebanon bologna	Salmonella spp.	26	PA	10	1995	10
Dullet beef and lamb	Salmonella spp.	10	MD	10	1994	1
Meat Gravy	Salmonella spp.	9	NY	9	1990	1
Meat and vegetable pizza	Salmonella spp. (sus.)	2	FL	10	1999	1
Hot dog	Salmonella spp. (sus.)	4	FL	9	1998	1
Meat pizza	Shigella spp.	2	FL	12	2000	1
Mettwurst	T. spiralis	41	WI	2	1991	1
Meat Gravy	Unsp. virus (sus.)	31	NY	11	1992	10
Ham sandwich; turkey sandwich	Viral (sus.)	6	WA	11	1999	1
Meatloaf; chicken; ham	Viral-non-norwalk (sus.)	39	FL	4	1997	10
Multiple deli meats	Y. enterocolitica	9	NY	2	1998	1
Other Meat Outbreaks: 106		Other Meat Cases: 4,652				

Outbreaks Tied to Both FDA- and USDA-Regulated Foods, 1990-2003

Both						
Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Fried rice (FDA); chicken (USDA); beef (USDA); broccoli	B. cereus	2	NY	8	1991	1
Chicken fried rice	B. cereus	2	FL	12	2000	1
Sliced raw pork (USDA); fried rice (FDA); wonton (FDA)	B. cereus	5	MD	7	1990	1
Meat and vegetable pizza	B. cereus (sus.)	2	CA	12	2001	1
Buffet (Both)	B. cereus (sus.)	2	FL	12	1999	1
Fried chicken (USDA); fried rice (FDA)	B. cereus (sus.)	7	FL	5	1998	1
Chicken (USDA); fried rice (FDA)	B. cereus (sus.)	4	CO	3	2000	1
Meat and vegetable pizza	B. cereus (sus.), S. aureus (sus.)	3	OH	11	2001	10
Shrimp etoufee (FDA); red beans and sausage (USDA)	B. licheniformis; E. cloacae; B. cereus; K.	26	MS	2	1998	1
Chicken; dumplings	C. jejuni	4	WY	12	2001	1
Gravy (USDA); potato (FDA); pineapple (FDA)	C. jejuni	128	KS	8	1998	1
Chicken (USDA); cole slaw (FDA); potato salad (FDA)	C. jejuni	17	FL	10	1995	1
Chicken (USDA); fruit (FDA)	C. jejuni	10	PA	5	1991	1
Roast beef (USDA); gravy (USDA); dressing (FDA);	C. jejuni (sus.)	52	ND	3	1992	1
Roast beef (USDA); gravy; mushrooms (FDA)	C. perfringens	61	WI	11	2000	1
Baked chicken (USDA); tamale (FDA)	C. perfringens	87	OR	9	1999	1
Sausage (USDA); peppers (FDA); tortilla salad (FDA)	C. perfringens	12	NY	2	1990	1
Beef gravy (USDA); salad (FDA)	C. perfringens	20	MI	11	1999	1
Chicken (USDA); mashed potatoes with gravy (USDA);	C. perfringens	12	NY	8	1999	1
Sirloin; mashed potatoes	C. perfringens	297	CT	5	2001	1
Chicken (USDA); chick peas (FDA)	C. perfringens	20	MD	10	1998	1
Roast beef (USDA); potato (FDA)	C. perfringens	27	FL	4	1999	10
Hamburger and gravy (USDA); buns (FDA)	C. perfringens	72	WI	6	1994	1
Ground beef (USDA); beans (FDA)	C. perfringens	5	IN	10	1993	1
Beans (FDA); beef (USDA)	C. perfringens	238	AZ	5	1999	1
Multiple (Both); beans (FDA)	C. perfringens	48	CA	3	1998	1
Refried beans; chicken burrito	C. perfringens	98	CO	12	2001	1
Prime rib (USDA); baked potato (FDA)	C. perfringens	45	NE	2	1998	1
Beef with gravy (USDA); mashed potatoes (FDA)	C. perfringens	105	IN	12	1994	1
Chicken (USDA); broccoli (FDA)	C. perfringens	40	NY	1	1990	1
Crawfish etoufee (FDA); roast beef (USDA)	C. perfringens	54	LA	12	1997	10
Lima beans (FDA); pork and beans (USDA)	C. perfringens	646	IL	11	1996	1
Turkey (USDA); gravy (USDA); mashed potatoes (FDA)	C. perfringens	15	WI	11	1996	1
Prime rib (USDA); gravy (USDA); potatoes (FDA)	C. perfringens	105	NY	3	1996	1
Chicken (USDA); rice (FDA); peas (FDA)	C. perfringens	13	NY	12	1996	1
Chicken (USDA); gravy (USDA); mashed potatoes (FDA)	C. perfringens	71	WI	4	1996	1
Chicken (USDA); potato casserole (FDA)	C. perfringens	4	MD	12	1994	1
Chicken (USDA); beans; rice (FDA)	C. perfringens	3	AL	2	2000	1
Beef stew (USDA); plantains (FDA)	C. perfringens (sus.)	18	FL	2	1999	1
Other food (Both)	C. perfringens (sus.)	2	CO	8	1999	1
Chili peppers (FDA); stew (USDA)	C. perfringens (sus.)	5	CO	8	1999	1
Multiple foods (Both)	C. perfringens (sus.)	5	FL	5	1998	1
Multiple foods (Both)	C. perfringens (sus.)	6	FL	4	1998	1
Beef tips (USDA); seafood newberg (FDA)	C. perfringens (sus.)	18	NY	4	1998	1
Beef (USDA); potato (FDA)	C. perfringens (sus.)	4	FL	4	1998	1
Multiple foods (Both) (sus.)	C. perfringens (sus.)	4	MD	3	1993	1
Turkey (USDA); rice (FDA)	C. perfringens (sus.)	44	IL	8	1997	1
Potato salad (FDA); roast beef (USDA)	C. perfringens (sus.)	225	VA	8	1997	1
Beef enchilada (USDA); beans (FDA)	C. perfringens (sus.)	58	NM	8	1994	1
Cornbread stuffing (FDA); cornbread (FDA); chicken	C. perfringens (sus.)	18	FL	3	1998	1
Fruit; egg (poultry) based sandwich	C. perfringens (sus.)	79	FL	10	2001	1
Beef burrito (USDA); Chili sauce (FDA)	C. perfringens (sus.)	11	FL	3	2000	1
Steak (USDA); pizza (FDA)	C. perfringens (sus.)	12	FL	3	2000	1
Chips and salsa (FDA); beef taco (USDA); chicken	C. perfringens (sus.)	3	FL	8	2000	1
Hot dog (USDA); bread (FDA)	C. perfringens (sus.)	235	CA	10	2000	1
Beef gravy; crab dip	C. perfringens (sus.)	79	FL	10	2001	1
Barbecue pork (USDA); baked beans (FDA)	C. perfringens (sus.)	3	FL	2	1998	1
Turkey (USDA); scalloped potato (FDA)	C. perfringens (sus.); B. cereus (sus.)	22	FL	12	1999	1
Multiple foods (Both)	Calicivirus; Norovirus; Staphylococcus aureus	126	WV	7	1999	1
Chicken; lettuce-based salad	Campylobacter spp. (sus.)	3	OH	3	2001	1
Seafood alfredo (FDA); turkey (USDA)	Campylobacter spp. (sus.)	22	NY	6	1995	1
Chicken salad (USDA); cake (FDA)	E. coli (ETEC) (sus.)	245	CA	3	1999	1
Pork (USDA); rice (FDA); beans (FDA)	E. coli O157:H7	21	FL	11	1998	1
Pork (USDA); rice (FDA); beans (FDA)	E. coli O157:H7	16	FL	10	1998	1
Ground beef (USDA); potatoes (FDA)	E. coli O157:H7	10	UT	7	1998	4
Buffalo wings (USDA); lettuce (FDA)	E. coli O157:H7	52	WI	7	2000	1
Coleslaw (FDA); chicken soup (USDA)	E. coli O157:H7	11	MN	9	1994	1
Barbecue pork (USDA); cole slaw (FDA)	E. coli O6:H16	102	VA	6	1995	1
Macaroni salad (FDA); chicken salad (USDA)	Hepatitis A	23	OK	9	1994	1
Meat; vegetable	Norovirus	80	VA	3	2001	1
Hamburger; American cheese	Norovirus	4	MD	12	2001	1
Chicken; vegetable	Norovirus	105	OH	11	2001	1
Beef taco; doughnuts	Norovirus	54	CA	11	2001	1
Meatloaf sandwich (USDA); potato salad (FDA)	Norovirus	125	OR	4	1995	1
Chili (USDA); roll (FDA)	Norovirus	171	WY	1	1993	1

Both

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
French fries (FDA); chicken nuggets (USDA), salad	Norovirus	5	OH	12	1998	1
Tamale (FDA); taco meat (USDA); shredded chicken	Norovirus	6	OH	12	1998	1
Chicken patty sandwich; pork; coleslaw	Norovirus	6	FL	6	2001	1
Turkey sandwiches (USDA); cantaloupe (FDA)	Norovirus	33	MN	6	2000	1
Lettuce; chicken enchilada	Norovirus	28	UT	12	2001	1
Deli tray (USDA); potato salad (FDA)	Norovirus	9	OH	2	1997	1
Corned beef (USDA); cake (FDA)	Norovirus	14	OH	6	1999	1
Shrimp (FDA); rolls (FDA); chicken salad (USDA)	Norovirus	46	MD	5	1994	1
Deli tray; celery vegetable dip	Norovirus	24	MN	1	2000	1
Hot dog (USDA); tomato sauce (FDA); bread (FDA)	Norovirus	54	GA	3	1999	1
Turkey (USDA); ham (USDA); pasta (FDA)	Norovirus	27	OH	6	1999	1
Cantaloupe (FDA); turkey (USDA)	Norovirus	20	AK	12	2000	1
Chicken (USDA); cake (FDA)	Norovirus	71	MA	4	1998	1
Ham (FDA); croissant (FDA)	Norovirus	33	VA	7	1999	1
Multiple foods (Both)	Norovirus (sus.)	109	MI	11	1997	1
Multiple foods (Both)	Norovirus (sus.)	40	CA	4	1999	1
Ham (USDA); cake (FDA)	Norovirus (sus.)	18	FL	2	2000	1
Multiple foods (Both)	Norovirus (sus.)	29	MN	5	1999	1
Multiple foods (Both)	Norovirus (sus.)	25	FL	7	1999	1
Multiple foods (Both)	Norovirus (sus.)	9	FL	10	1999	1
Hamburger (USDA); coleslaw (FDA)	Norovirus (sus.)	35	MN	12	2000	1
Meat and vegetable pizza	Norovirus (sus.)	6	MN	7	2001	1
Lettuce (FDA); deli meats (USDA)	Norovirus (sus.)	62	FL	7	1998	1
Potato salad (FDA); turkey (USDA)	Norovirus (sus.)	110	CA	10	1999	1
Multiple foods (Both)	Norovirus (sus.)	14	FL	10	1998	1
Green salad; crab newburgh	Norovirus (sus.)	36	MD	6	2001	1
Tomato (FDA); green pea salad (FDA); roast beef	Norovirus (sus.)	14	PA	8	1999	1
Potatoes (FDA); green salad (FDA); roast (USDA)	Norovirus (sus.)	75	IL	5	1993	1
Multiple items (Both)	Norovirus (sus.)	36	FL	3	1997	10
Multiple items (Both)	Norovirus (sus.)	47	FL	5	1997	10
Multiple items (Both) (sus.)	Norovirus (sus.)	25	FL	8	1997	10
Bacon, lettuce and tomato sandwich	Norovirus (sus.)	3	FL	6	2001	1
Buffet (Both)	Norovirus (sus.)	6	FL	12	1999	1
Deviled eggs (FDA); roast beef (USDA)	Norovirus (sus.)	26	FL	7	1999	1
Deli meats (USDA); cheese (FDA)	Norovirus (sus.)	34	CO	7	1998	1
Ham (USDA); crab (FDA); ranch dressing (FDA)	Norovirus (sus.)	55	IL	5	2000	1
Gelatin (FDA); hamburger (USDA); multiple foods	Norovirus (sus.)	117	SC	3	2000	1
Hoagie (FDA); bread (FDA); stew (USDA)	Norovirus (sus.)	92	LA	10	1999	1
Mixed meat salami; coleslaw	Norovirus (sus.)	9	MD	1	2001	1
Chicken (USDA); mixed vegetables (FDA)	Norovirus (sus.)	48	CO	8	1999	1
Salad (FDA); roasted chicken (USDA)	Norovirus (sus.)	25	IL	9	2000	1
Mettwurst; lettuce-based salad; potato salad	Norovirus (sus.)	28	VA	11	2001	10
Fried chicken; mashed potato	Norovirus (sus.)	63	IL	10	2001	1
Chicken (USDA); dressing (FDA)	Norovirus (sus.)	39	KY	12	1990	1
Meat and vegetable pizza	Norovirus (sus.)	5	FL	3	2001	1
Fried mushrooms (FDA); chicken salad (USDA)	Norovirus (sus.)	26	FL	6	1999	10
Chicken (USDA); pie (FDA)	Norovirus (sus.)	77	CA	4	1999	1
Fried food (Both)	Oven cleaner (sus.)	21	NY	5	1998	1
Chicken (USDA); pasta (FDA); salad (FDA)	S. Agona	93	IA	3	1992	1
Chicken and stuffing; green beans; mashed potatoes	S. aureus	12	TN	5	2001	1
Egg-in-muffin style sandwich; pork sausage; biscuit	S. aureus	12	GA	2	2001	1
Turkey (USDA); stuffing (FDA)	S. aureus	100	TN	11	2000	1
Ham (USDA); eggs (FDA); pork chops (USDA)	S. aureus	8	GA	3	2000	1
Turkey (USDA); dressing (FDA)	S. aureus	219	AR	11	1994	12
Chef salad (FDA); chicken (USDA); ham (USDA)	S. aureus	71	WI	6	1990	1
Taco (FDA); chicken (USDA); rice (FDA)	S. aureus	6	WI	3	1991	1
Pork; fried noodles	S. aureus	5	HI	9	2001	1
Macaroni and cheese (FDA); turkey ham (USDA)	S. aureus	19	NY	10	1998	1
Turkey (USDA); macaroni salad (FDA)	S. aureus	25	UT	9	1993	1
Chicken and rice	S. aureus	6	NJ	5	2001	1
Ham (USDA); butter (FDA); milk (FDA); coffee (FDA)	S. aureus	48	WI	6	1993	1
Pork (USDA); pork broth (USDA); corn (FDA)	S. aureus	17	SC	10	1998	1
Spam (USDA); rice (FDA); orange drink (FDA)	S. aureus	44	HI	5	1993	1
Turkey (USDA); potatoes (FDA); stuffing (FDA)	S. aureus	4	HI	8	1997	1
Pudding (FDA); hamburger (USDA); French fries (FDA)	S. aureus (sus.)	2	CA	9	1991	12
Pork ribs (USDA); nachos (FDA)	S. aureus (sus.)	2	FL	8	1998	1
Caesar salad (FDA); chicken (USDA)	S. aureus (sus.)	2	FL	5	1998	1
Potato salad; ham	S. aureus (sus.)	92	AK	3	2001	1
Other food; ham	S. Berta	51	OK	7	2001	1
Gumbo (FDA); baked chicken (USDA)	S. Braenderup	69	AL	11	1997	1
Carrots (FDA); beef (USDA)	S. Braenderup	111	CA	5	1990	1
Crab (FDA), sausage (USDA), cookies	S. Cubana	14	MD	6	1998	1
Turkey (USDA); dressing (FDA)	S. Enteritidis	24	WA	12	1994	11
Turkey (USDA); dressing (FDA)	S. Enteritidis	10	WA	12	1994	11
Turkey (USDA); dressing (FDA)	S. Enteritidis	16	WA	11	1994	11
French toast (FDA); scrambled eggs (FDA); chicken	S. Enteritidis	42	IL	2	1991	1
Hamburgers (USDA); celery sticks (FDA)	S. Enteritidis	34	MD	7	1991	1
Prime rib (USDA); potatoes (FDA) (sus.)	S. Enteritidis	10	NJ	11	1991	1

Both

Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Turkey (USDA); dressing (FDA)	S. Enteritidis	8	WA	11	1994	11
Pork sausage (USDA); potato salad (FDA) (sus.)	S. Enteritidis	18	CA	6	1994	1
Bologna (USDA); carrots (FDA)	S. Enteritidis	7	PA	12	1994	1
Beef (USDA); noodles (FDA); mashed potatoes (FDA);	S. Enteritidis	109	KS	11	1994	1
Chicken (USDA); green salad (FDA)	S. Enteritidis	72	CA	10	1993	1
Meatloaf (USDA); greenbeans (FDA); potato (FDA)	S. Enteritidis	25	VA	6	1990	1
Chicken (USDA); egg dishes (FDA) (sus.)	S. Enteritidis	6	KS	5	1993	1
Potato, macaroni salad (FDA); beef kabobs (USDA)	S. Enteritidis	41	NJ	9	1992	1
Chicken (USDA); pasta products (FDA)	S. Enteritidis	258	WI	5	1993	1
Chocolate pudding (FDA); buns (FDA); burger (USDA)	S. Enteritidis	280	NY	7	1993	
Seafood salad (FDA); chicken (USDA); roast beef	S. Enteritidis	45	CT	7	1993	1
Chicken salad (USDA); egg salad (FDA)	S. Enteritidis	113	MD	8	1990	1
Turkey (USDA); macaroni and cheese (FDA)	S. Enteritidis	61	DC	11	1996	1
Turkey (USDA); dressing (FDA)	S. Enteritidis	68	WA	12	1994	11
Fruits (FDA); cheese (FDA); turkey (USDA)	S. Enteritidis	29	PR	4	1990	1
Gravy (USDA); pastrami (USDA); tuna (FDA)	S. Enteritidis	62	OH	5	1990	1
Sirloin (USDA); gravy (USDA); roll (FDA)	S. Enteritidis	79	WI	8	1991	1
Tuna salad with egg; salad bar	S. Enteritidis	688	SC	2	2001	1
Coconut cream pie (FDA); turkey (USDA)	S. Enteritidis	13	OH	11	1997	1
Turkey (USDA); macaroni and cheese (FDA) (sus.)	S. Enteritidis	60	CA	11	1997	1
Turkey (USDA); dressing (FDA)	S. Enteritidis	297	WA	12	1994	11
Spring salad (FDA); fried chicken (USDA)	S. Enteritidis	16	PA	10	1996	1
Chicken salad (USDA); potato salad (FDA)	S. Enteritidis	48	OH	6	1997	1
Steak; salad dressing; ice	S. Enteritidis	47	MA	6	2001	1
Steak; salad dressing; ice; Spaghetti; seafood pasta	S. Enteritidis	136	MA	6	2001	1
Chicken (USDA); mixed vegetables (FDA)	S. Enteritidis	4	CA	7	1998	1
Mashed potatoes (FDA); turkey (USDA)	S. Enteritidis	123	CA	8	1995	1
Lasagna (FDA); chicken (USDA)	S. Enteritidis	11	MA	12	1995	1
Chili roll (USDA); onion (FDA)	S. Enteritidis	29	PA	9	1995	1
Chicken (USDA); shrimp (FDA)	S. Enteritidis	27	WA	2	1995	1
Chicken (USDA); broccoli (FDA) (sus.)	S. Enteritidis	19	CT	12	1995	1
Chicken (USDA); Mung bean sprouts (FDA)	S. Enteritidis	108	CA	12	1999	1
Eggs (FDA); French toast (FDA); bacon (USDA)	S. Enteritidis	177	VA	6	1999	1
Tiramisu (FDA); rolled turkey (USDA)	S. Enteritidis (sus.)	7	NJ	9	1991	1
Chicken and noodles	S. Group B	2	FL	7	2001	1
Chicken salad (USDA); burger (USDA); fish (FDA)	S. Hadar	47	NY	8	1996	1
Mushrooms (FDA); steak (USDA)	S. Heidelberg	57	WI	6	1992	1
Ground beef; green peppers; macaroni and cheese	S. Heidelberg	93	LA	2	2001	1
Chicken (USDA); rice (FDA); macaroni (FDA)	S. Heidelberg	56	PA	6	2000	1
Spaghetti with meat sauce (USDA); vegetables (FDA)	S. Heidelberg	30	CA	8	1995	1
Chicken, ham salad (USDA); cake (FDA)	S. Heidelberg	33	LA	9	1993	1
Turkey (USDA); potato salad (FDA)	S. Infantis	25	MO	6	1991	1
Salsa (FDA); beef (USDA)	S. Infantis	87	IA	8	1995	1
Ham (USDA); cornbread (FDA); chicken (USDA)	S. Javiana	44	GA	8	2000	1
Mushrooms (FDA); Swiss cheese (FDA); hamburger	S. Montevideo	10	VA	7	1993	1
Meatballs (USDA); tomato sauce (FDA)	S. Montevideo	29	FL	11	1996	1
Barbecue pork (USDA); cheesecake (FDA)	S. Newport	58	TN	10	1992	1
Barbecue beef (USDA); rice and beans (FDA)	S. Newport	30	CA	9	2000	1
Goat (USDA); parsley (FDA)	S. Newport	23	CA	8	2000	1
Chicken (USDA); gravy (USDA); dressing (FDA)	S. Newport	15	OK	10	1991	1
Roast beef (USDA); bread and butter (FDA)	S. Newport	29	NY	9	1996	1
Turkey sandwich (USDA); cream cheese (FDA)	S. Newport	31	NJ	7	1991	1
Chicken (USDA); cheese (FDA); lettuce (FDA)	S. Newport	979	FL	8	1995	1
Beef burrito (USDA); nachos and cheese (FDA)	S. Oranienburg	73	NM	6	1999	1
Potato salad (FDA); turkey (USDA); ham (USDA);	S. Reading	11	MI	8	1991	1
Steak (USDA); cheese (FDA); bun (FDA)	S. Reading	107	VA	4	1991	1
Turkey (USDA); noodles (FDA)	S. sonnei	17	IN	11	1994	1
Multiple foods; tartar sauce; hot dog	S. sonnei	30	12	12	2001	1
Salsa (FDA); chicken (USDA)	S. sonnei	13	CA	9	1999	1
Turkey loaf (USDA); Hard-boiled shell egg (FDA)	S. Thompson	6	CA	4	2000	1
Beef (USDA); chicken (USDA); guacamole (FDA)	S. Typhimurium	204	ID	6	1993	1
Sandwich (FDA); condiments (FDA); hamburger (USDA)	S. Typhimurium	100	IN	12	1994	1
Barbecue chicken (USDA)	S. Typhimurium	40	AL	6	2000	1
Veal tongue (USDA); hummus (FDA) (sus.)	S. Typhimurium	127	CA	5	1995	1
Potato salad (FDA); baked chicken (USDA)	S. Typhimurium	24	MD	8	1990	1
Chicken salad (USDA); cucumber salad (FDA)	S. Typhimurium	179	VA	4	1990	1
Pork (USDA); rice (FDA)	S. Typhimurium	37	WI	6	1997	1
Hamburger; French fries	S. Virchow	4	UT	4	2001	1
Turkey (USDA); cole-slaw (FDA)	Salmonella spp.	75	FL	10	1991	1
Turkey cuban sandwich (USDA); cheese (FDA)	Salmonella spp.	153	PR	1	1993	1
Lemon chicken (USDA); tossed salad (FDA)	Salmonella spp.	12	NJ	4	1995	1
Baked ziti (FDA); sausage (USDA)	Salmonella spp.	27	PA	6	1990	1
Barbecue chicken (USDA); shrimp (FDA); lobster (FDA)	Salmonella spp. (sus.)	16	NJ	4	1990	1
Turkey and gravy (USDA); mashed potatoes (FDA)	Salmonella spp. (sus.)	2	FL	6	1998	1
Chicken salad (USDA); tuna salad (FDA); ice	Salmonella spp. (sus.)	17	FL	6	2000	1
Meat and vegetable pizza	Salmonella spp. (sus.)	4	FL	9	2000	1
Sandwich; fish	Scorbrototoxin	3	MI	4	2001	1
Tuna (FDA); chicken marsala (USDA)	Scorbrototoxin (sus.)	38	NY	10	1998	1

Both						
Vehicle	Etiology	Cases	States	Mth.	Year	Ref.
Sweet and sour chicken (USDA); white rice (FDA)	Shigella spp.	4	NY	4	1993	10
Chicken (USDA); lettuce (FDA); raw vegetables (FDA)	Shigella spp.	31	WI	8	1996	1
Macaroni and cheese (FDA); fried chicken (USDA); roll	Streptococcus spp.	100	LA	5	1991	1
Pork sausage (USDA); venison sausage (FDA)	Trichinella spp.	4	IA	0	1994	9
Hot turkey (USDA); Roast beef (USDA); baked potato	Unsp. virus (sus.)	70	NY	2	1993	10
Roast beef sandwiches (USDA); greek pasta (FDA)	Unsp. virus (sus.)	40	NY	12	1993	10
Multiple foods (Both)	Viral (sus.)	70	NY	5	1999	1
Multiple foods (Both)	Viral (sus.)	29	NY	9	1999	1
Deli meats (USDA); potato salad (FDA)	Viral (sus.)	19	WA	12	2000	1
Both Outbreaks: 240	Both Cases: 13,746					

References

1. Centers for Disease Control and Prevention, U.S. Foodborne Disease Outbreak Line Listings, 1990-2001, updated March, 2003, <http://www.cdc.gov/foodborneoutbreaks/us_outb/fbo2001/bacterial01.htm>.
2. Centers for Disease Control and Prevention, Line Listings of Foodborne Disease Outbreaks, 1990-1997, obtained by Freedom of Information Act request (FOIA).
3. Centers for Disease Control and Prevention, Surveillance for Outbreaks of *Salmonella* Serotype Enteritidis: Summaries, years 1990-1997, obtained by FOIA, years 1998-2000, obtained at <http://www.cdc.gov/foodborneoutbreaks/salmo_sum.htm>.
4. Centers for Disease Control and Prevention, *E. coli* 0157 Outbreak Summaries, years 1994-1997, obtained by FOIA, years 1998-2001, obtained at <http://www.cdc.gov/foodborneoutbreaks/ecoli_sum.htm>.
5. Centers for Disease Control and Prevention, Foodborne Botulism Outbreaks, 1990-1999, obtained by FOIA from the CDC.
6. Centers for Disease Control and Prevention, *Morbidity and Mortality Weekly Report*, available at <<http://www.cdc.gov/mmwr/>>.
7. Centers for Disease Control and Prevention, Emerging Infectious Diseases, available at <<http://www.cdc.gov/ncidod/EID/index.htm>>.
8. Centers for Disease Control and Prevention presentation or phone conversation.
9. Journal article from a scientific or medical journal.
10. State health department news release or publication.
11. Washington State Health Department, Confirmed Outbreaks of Foodborne Disease, Washington State, 1990-1999, obtained by calling the Washington State Health Department.
12. Newspaper or Internet report verified by email or call to public-health official.

Number of outbreaks from CDC sources: 3,195 Number of outbreaks from other sources: 305

* References with asterisks contain information from both CDC and non-CDC sources.

Bacterial Abbreviations

Nomenclature	Abbreviation	Nomenclature	Abbreviation
<i>Aerococcus viridans</i>	<i>A. viridans</i>	<i>Salmonella</i> Kentucky	S. Kentucky
<i>Bacillus anthracis</i>	<i>B. anthracis</i>	<i>Salmonella</i> Kottbus	S. Kottbus
<i>Bacillus cereus</i>	<i>B. cereus</i>	<i>Salmonella</i> Litchfield	S. Litchfield
<i>Bacillus licheniformis</i>	<i>B. licheniformis</i>	<i>Salmonella</i> Manhattan	S. Manhattan
<i>Bacillus subtilis</i>	<i>B. subtilis</i>	<i>Salmonella</i> Mbandaka	S. Mbandaka
<i>Campylobacter fetus</i>	<i>C. fetus</i>	<i>Salmonella</i> Meleagridis	S. Meleagridis
<i>Campylobacter jejuni</i>	<i>C. jejuni</i>	<i>Salmonella</i> Miami	S. Miami
<i>Citrobacter freundii</i>	<i>C. freundii</i>	<i>Salmonella</i> Montevideo	S. Montevideo
<i>Clostridium botulinum</i>	<i>C. botulinum</i>	<i>Salmonella</i> Muenchen	S. Muenchen
<i>Clostridium perfringens</i>	<i>C. perfringens</i>	<i>Salmonella</i> Newbrunswick	S. Newbrunswick
<i>Cryptosporidium parvum</i>	<i>C. parvum</i>	<i>Salmonella</i> Newport	S. Newport
<i>Cyclospora cayetanensis</i>	<i>C. cayetanensis</i>	<i>Salmonella</i> Oranienburg	S. Oranienburg
<i>Enterobacter cloacae</i>	<i>E. cloacae</i>	<i>Salmonella</i> Poona	S. Poona
<i>Enterobacter sazakii</i>	<i>E. sazakii</i>	<i>Salmonella</i> Reading	S. Reading
<i>Escherichia coli</i>	<i>E. coli</i>	<i>Salmonella</i> Saint Paul	S. Saint Paul
<i>E. coli</i> (Aggregative)	<i>E. coli</i> (AggEC)	<i>Salmonella</i> Sandiego	S. Sandiego
<i>E. coli</i> (Enterotoxigenic)	<i>E. coli</i> (ETEC)	<i>Salmonella</i> Saphra	S. Saphra
<i>Giardia intestinalis</i>	<i>G. intestinalis</i>	<i>Salmonella</i> Schwarzengrund	S. Schwarzengrund
<i>Giardia lamblia</i>	<i>G. lamblia</i>	<i>Salmonella</i> Senftenberg	S. Senftenberg
<i>Listeria monocytogenes</i>	<i>L. monocytogenes</i>	<i>Salmonella</i> Stanley	S. Stanley
<i>Salmonella</i> Adelaide	S. Adelaide	<i>Salmonella</i> Tennessee	S. Tennessee
<i>Salmonella</i> Agona	S. Agona	<i>Salmonella</i> Thompson	S. Thompson
<i>Salmonella</i> Anatum	S. Anatum	<i>Salmonella</i> Typhi	S. Typhi
<i>Salmonella</i> Baildon	S. Baildon	<i>Salmonella</i> Typhimurium	S. Typhimurium
<i>Salmonella</i> Berta	S. Berta	<i>Salmonella</i> Weltevreden	S. Weltevreden
<i>Salmonella</i> Braenderup	S. Braenderup	<i>Shigella boydii</i>	S. <i>boydii</i>
<i>Salmonella</i> Braendenburg	S. Braendenburg	<i>Shigella dysenteriae</i>	S. <i>dysenteriae</i>
<i>Salmonella</i> Bredeney	S. Bredeney	<i>Shigella faecalis</i>	S. <i>faecalis</i>
<i>Salmonella</i> Chester	S. Chester	<i>Shigella flexneri</i>	S. <i>flexneri</i>
<i>Salmonella</i> Cubana	S. Cubana	<i>Shigella sonnei</i>	S. <i>sonnei</i>
<i>Salmonella</i> Derby	S. Derby	<i>Staphylococcus aureus</i>	S. <i>aureus</i>
<i>Salmonella</i> Enteritidis	S. Enteritidis	<i>Toxoplasma gondii</i>	T. <i>gondii</i>
<i>Salmonella</i> Give	S. Give	<i>Trichinella nativa</i>	T. <i>nativa</i>
<i>Salmonella</i> Hadar	S. Hadar	<i>Trichinella spiralis</i>	T. <i>spiralis</i>
<i>Salmonella</i> Hartford	S. Hartford	<i>Vibrio alginolyticus</i>	V. <i>alginolyticus</i>
<i>Salmonella</i> Havana	S. Havana	<i>Vibrio cholerae</i>	V. <i>cholerae</i>
<i>Salmonella</i> Heidelberg	S. Heidelberg	<i>Vibrio fluvalis</i>	V. <i>fluvalis</i>
<i>Salmonella</i> Infantis	S. Infantis	<i>Vibrio parahaemolyticus</i>	V. <i>parahaemolyticus</i>
<i>Salmonella</i> Java	S. Java	<i>Vibrio vulnificus</i>	V. <i>vulnificus</i>
<i>Salmonella</i> Javiana	S. Javiana	<i>Yersinia enterocolitica</i>	Y. <i>enterocolitica</i>

Other Abbreviations

Word	Abbreviation	Word	Abbreviation
Reference	Ref.	Unspecified	Unsp.
Suspected	Sus.		