

## Summary Statistics

Etiology	No. Outbreaks	No. Cases
Bacterial	198	8352
Chemical	27	270
Parasitic	5	234
Viral	9	452
Total Confirmed Etiology	239	9308
Total Unknown Etiology	294	9923
<b>Total 1990</b>	<b>533</b>	<b>19231</b>

ETOLOGY	STATE*	MONTH	YEAR	ILL.	VEHICLE	LOCATION		COMMENTS
						STATE*	MONTH	
<b>Bacterial</b>								
<i>Bacillus cereus</i>	MD	7	90	5	Sliced raw pork/fried rice/wanton (suspected)	Restaurant		
<i>Bacillus cereus</i>	NV	7	90	2	Fried rice	Private home		
<i>Bacillus cereus</i>	OH	10	90	4	Fried rice	Carry-out		
<i>Bacillus cereus</i>	OH	12	90	12	Chocolate cake/icing	Nursing home		
<i>Bacillus cereus</i>	WI	3	90	20	Rice	Cafeteria		
<i>Campylobacter</i> spp.	WA	3	90	13	Raw milk (suspected)	School		
<i>Campylobacter jejuni</i>	TX	5	90	42	Raw milk	Dairy		
<i>Campylobacter jejuni</i>	VA	9	90	17	Unknown	Bus tour		
<i>Clostridium botulinum</i>	AK	7	90	2	Unknown	Unknown		Type E Toxin
<i>Clostridium botulinum</i>	AK	9	90	4	Fermented fish eggs	Private home		Type E Toxin
<i>Clostridium botulinum</i>	AK	10	90	3	Dried Fish	Private home		Type E Toxin
<i>Clostridium botulinum</i>	CA	10	90	2	Home-made salsa	Private home		Type A Toxin
<i>Clostridium botulinum</i>	HI	4	90	1	Unknown	Unknown		Type B Toxin
<i>Clostridium botulinum</i>	HI	7	90	3	Surgeon fish	Private home		Type B Toxin
<i>Clostridium botulinum</i>	LA	11	90	1	Unknown	Unknown		Type A Toxin
<i>Clostridium botulinum</i>	MS	9	90	1	Unknown	Private home		Type A Toxin
<i>Clostridium botulinum</i>	OR	1	90	2	Home-canned asparagus	Private home		Type A Toxin
<i>Clostridium botulinum</i>	TN	8	90	1	Home-canned corn	Private home		Type B Toxin
<i>Clostridium botulinum</i>	WA	6	90	1	Home-canned asparagus	Private home		Type A Toxin
<i>Clostridium botulinum</i>	WY	10	90	1	Homemade sausage	Private home		Type A Toxin
<i>Clostridium perfringens</i>	CT	11	90	39	Roast beef	VFW hall		
<i>Clostridium perfringens</i>	FL	4	90	26	Tacos	School		
<i>Clostridium perfringens</i>	FL	11	90	20	Turkey	Restaurant		
<i>Clostridium perfringens</i>	MI	11	90	33	Mинestrone soup	Conference		
<i>Clostridium perfringens</i>	MO	4	90	700	Tacos	Prison		
<i>Clostridium perfringens</i>	NJ	11	90	52	Unknown	School		
<i>Clostridium perfringens</i>	NY	1	90	40	Chickenbroccoli	American legion hall		
<i>Clostridium perfringens</i>	NY	2	90	12	Sausage/peppers/tortilla salad	Private home		
<i>Clostridium perfringens</i>	NY	5	90	92	Chicken stew	Church		
<i>Clostridium perfringens</i>	PA	6	90	22	Chili	Picnic		
<i>Clostridium perfringens</i>	WI	3	90	204	Prime rib	Restaurant		
<i>Clostridium perfringens</i>	MT	11	90	10	Pizza wheel sandwich (suspected)	School		
<i>Escherichia coli</i> O157:H7	ND	7	90	70	Roast beef†	Agriculture show		
<i>Escherichia coli</i> O157:H7	AL	7	90	30	Strawberry/ice cream/raw eggs	Church		Group B
<i>Salmonella</i> spp.	DC	6	90	46	Unknown	Workplace		Group C2
<i>Salmonella</i> spp.	DE	10	90	33	Unknown	Church		Group D
<i>Salmonella</i> spp.	FL	5	90	15	Turkey suspect	Restaurant		Group B
<i>Salmonella</i> spp.	MA	2	90	31	Unknown	Retirement home		Group B
<i>Salmonella</i> spp.	MA	4	90	15	Raw turkey (suspected)	Prison		Group B
<i>Salmonella</i> spp.	NJ	9	90	5	Unknown	Restaurant		Group D
<i>Salmonella</i> spp.	NY	4	90	4	Unknown	Store		Group B
<i>Salmonella</i> spp.	NY	5	90	8	Unknown	School		Group D
<i>Salmonella</i> spp.	NY	9	90	9	Gravy	Picnic		Group B
<i>Salmonella</i> spp.	NY	10	90	9	Unknown	Restaurant		Group D
<i>Salmonella</i> spp.	OH	6	90	3	Unknown	Restaurant/private home		Group D
<i>Salmonella</i> spp.	OH	9	90	10	Rolls/macaroni/cheese	Private home		Group B
<i>Salmonella</i> spp.	PA	6	90	27	Baked ziti/sausage	Private home		Group D
<i>Salmonella</i> Agona	PR	9	90	32	Unknown	Convention center		
<i>Salmonella</i> Anatum	SC	8	90	851	Turkey	Multiple		
<i>Salmonella</i> Anatum	WA	10	90	15	Afalfa sprouts			

\*GT=Guam; MI=multistate; PR=Puerto Rico

Etiology	State*	Month	Year	LL	Vehicle	Location	Comments
<i>Salmonella</i> Berta	CA	8	90	8	Beef brisket	Multiple	
<i>Salmonella</i> Braenderup	IL	5	90	111	Carrots/beef	Restaurant	
<i>Salmonella</i> Braenderup	PA	6	90	23	Cheese sauce	Restaurant	
<i>Salmonella</i> Derby	NY	8	90	15	Roasted marinated duck	Private home	Phage type 14B
<i>Salmonella</i> Enteritidis	CT	1	90	17	Unknown	Submarine	
<i>Salmonella</i> Enteritidis	CT	2	90	23	Béarnaise sauce	School	Phage type 8
<i>Salmonella</i> Enteritidis	CT	6	90	5	Crepe mix	Restaurant	Phage type 13A
<i>Salmonella</i> Enteritidis	CT	6	90	45	Unknown	Camp	Phage type 8
<i>Salmonella</i> Enteritidis	CT	6	90	170	Eggs	Hotel/restaurant	
<i>Salmonella</i> Enteritidis	DC	6	90	46	Unknown	Workplace	
<i>Salmonella</i> Enteritidis	DE	1	90	14	Crab meat/eggs (suspected)	Restaurant	
<i>Salmonella</i> Enteritidis	DE	4	90	22	Crabcakes/eggs	Restaurant	
<i>Salmonella</i> Enteritidis	DE	9	90	15	Scrambled eggs (suspect)	Nursing home	Phage type 8
<i>Salmonella</i> Enteritidis	IA	8	90	49	Unknown	Restaurant	
<i>Salmonella</i> Enteritidis	ID	6	90	11	Unknown	Restaurant	
<i>Salmonella</i> Enteritidis	IL	9	90	435	Bread pudding/eggs	Hotel	Phage type 8
<i>Salmonella</i> Enteritidis	IL	12	90	14	Hollandaise sauce/raw eggs	Restaurant	Phage type 8
<i>Salmonella</i> Enteritidis	IL	12	90	13	Unknown	Restaurant	Phage type 8
<i>Salmonella</i> Enteritidis	IN	7	90	52	Unknown	Inn	Phage type 8
<i>Salmonella</i> Enteritidis	IN	10	90	23	Unknown	Hospital	Phage types 8, 13, 2
<i>Salmonella</i> Enteritidis	KY	5	90	9	Unknown	Restaurant	
<i>Salmonella</i> Enteritidis	KY	7	90	84	Unknown	Prison	Phage type 8
<i>Salmonella</i> Enteritidis	KY	8	90	42	Eggs benedict/hollandaise	Restaurant	Phage type 8
<i>Salmonella</i> Enteritidis	MA	1	90	7	Butter cream (suspected)	Private home/party	Phage type 13A
<i>Salmonella</i> Enteritidis	MA	4	90	48	Unknown	Restaurant	
<i>Salmonella</i> Enteritidis	MA	7	90	60	Unknown	Canteen trucks	
<i>Salmonella</i> Enteritidis	MA	9	90	21	Unknown	Nursing home	
<i>Salmonella</i> Enteritidis	MD	2	90	10	Milkshake/raw eggs (suspected)	School	Phage type 8
<i>Salmonella</i> Enteritidis	MD	6	90	29	Eggs suspected	Restaurant	Phage type 8
<i>Salmonella</i> Enteritidis	MD	6	90	3	Unknown	Conference center	Phage type 8
<i>Salmonella</i> Enteritidis	MD	7	90	4	Lasagna	Private home	Phage type 8
<i>Salmonella</i> Enteritidis	MD	7	90	27	Fishburger/eggs (suspected)	Nursing home	Phage type 13
<i>Salmonella</i> Enteritidis	MD	8	90	60	Unknown	Restaurant	Phage type 8
<i>Salmonella</i> Enteritidis	MD	8	90	113	Chicken salad/egg salad	Hotel/restaurant	Phage type 13A
<i>Salmonella</i> Enteritidis	MD	9	90	2	Unknown	Restaurant	
<i>Salmonella</i> Enteritidis	MD	9	90	40	Unknown	Restaurant	Phage type 8
<i>Salmonella</i> Enteritidis	ME	3	90	8	Unknown	Restaurant	Phage type 8
<i>Salmonella</i> Enteritidis	ME	10	90	21	Unknown	Nursing home	
<i>Salmonella</i> Enteritidis	NC	3	90	16	Eggs (suspected)	Industrial plant	
<i>Salmonella</i> Enteritidis	NC	9	90	74	Béarnaise sauce with eggs	Restaurant	Phage type 8
<i>Salmonella</i> Enteritidis	NC	12	90	4	Eggs (suspected)	Retirement home	Phage type 8
<i>Salmonella</i> Enteritidis	NH	6	90	11	Unknown	Camp	
<i>Salmonella</i> Enteritidis	NH	7	90	22	Unknown	Detoxification facility	
<i>Salmonella</i> Enteritidis	NH	7	90	4	Unknown	Restaurant	
<i>Salmonella</i> Enteritidis	NH	8	90	79	Eggs/egg dishes	Restaurant	Phage type 14B
<i>Salmonella</i> Enteritidis	NJ	5	90	31	Cesau salad	Restaurant	Phage type 8
<i>Salmonella</i> Enteritidis	NJ	5	90	13	Crabcake mixture/eggs	Country club	Phage type 13
<i>Salmonella</i> Enteritidis	NJ	7	90	35	Unknown	Restaurant	Phage type 8
<i>Salmonella</i> Enteritidis	NJ	7	90	5	Shrimp salad sandwich (suspected)	Restaurant	
<i>Salmonella</i> Enteritidis	NJ	7	90	18	Cream pâté/clarin	Wedding	Phage type 8
<i>Salmonella</i> Enteritidis	NY	3	90	22	Egg sandwiches	Mobil food unit	Phage type 8
<i>Salmonella</i> Enteritidis	NY	6	90	3	Unknown	University	Group C 1
<i>Salmonella</i> Enteritidis	NY	7	90	20	French toast	Resort	
<i>Salmonella</i> Enteritidis	NY	7	90	12	Processed cheese	Medical center	
<i>Salmonella</i> Enteritidis	NY	7	90	61	Unknown	Drug rehabilitation center	
<i>Salmonella</i> Enteritidis	NY	10	90	2	Unknown	Restaurant	
<i>Salmonella</i> Enteritidis	NY	10	90	25	Scrambled eggs (suspect)	Nursing home	

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## 1990 Foodborne Disease Outbreak Line Listing

Etiology	State*	Month	Year	LL	Vehicle	Location	Comments
<i>Salmonella</i> Enteritidis	NY	10	90	9	Hollandaise sauce (suspected)	Restaurant	
<i>Salmonella</i> Enteritidis	NY	10	90	35		Private home	
<i>Salmonella</i> Enteritidis	NY	12	90	7	Hollandaise sauce/raw eggs	Restaurant	
<i>Salmonella</i> Enteritidis	OH	5	90	62	Gravy/pasta/tuna	Restaurant	
<i>Salmonella</i> Enteritidis	OH	5	90	3	Unknown	Restaurant	
<i>Salmonella</i> Enteritidis	OH	7	90	4	Unknown	Hotel	
<i>Salmonella</i> Enteritidis	OR	3	90	8	Unknown	Restaurant	
<i>Salmonella</i> Enteritidis	OR	10	90	11	Bean soup	Restaurant	
<i>Salmonella</i> Enteritidis	OR	10	90	4	Unknown	Restaurant	
<i>Salmonella</i> Enteritidis	PA	5	90	4	Crab raw egg (suspect)	Restaurant	
<i>Salmonella</i> Enteritidis	PA	6	90	79	Eggs	Restaurant	
<i>Salmonella</i> Enteritidis	PA	6	90	9	Home-made ice cream/raw eggs	Picnic	
<i>Salmonella</i> Enteritidis	PA	7	90	18	Unknown	Nursing home	
<i>Salmonella</i> Enteritidis	PA	12	90	8	Chicken stuffing/raw eggs	Restaurant	
<i>Salmonella</i> Enteritidis	PR	4	90	29	Fruit/cheese/turkey	Hotel/restaurant	
<i>Salmonella</i> Enteritidis	PR	10	90	30	Roast veal	Private home	
<i>Salmonella</i> Enteritidis	TN	6	90	31	Scrambled eggs/omelet	Restaurant	
<i>Salmonella</i> Enteritidis	TN	10	90	6	Banana pudding (suspect)	Private home	
<i>Salmonella</i> Enteritidis	UT	3	90	51	Unknown	Nursing home	
<i>Salmonella</i> Enteritidis	VA	6	90	25	Meatball/green beans/potato	Party	
<i>Salmonella</i> Enteritidis	VA	11	90	42	Unknown	Restaurant	
<i>Salmonella</i> Enteritidis	WI	2	90	18	Cheese cake/raw eggs	Church/home	
<i>Salmonella</i> Enteritidis	WI	5	90	18	Beef tartar (suspected)	Fire station	
<i>Salmonella</i> Enteritidis	WV	11	90	19	French toast	Nursing home	
<i>Salmonella</i> Enteritidis	MD	4	90	25	Barbecue chicken	Church	
<i>Salmonella</i> Enteritidis	MS	7	90	6	Home-made ice cream/raw eggs	Private home	
<i>Salmonella</i> Enteritidis	NY	2	90	8	Chicken salad	Adult home	
<i>Salmonella</i> Enteritidis	NY	5	90	5	Unknown	Private home	
<i>Salmonella</i> Enteritidis	NY	5	90	36	Ground turkey	Vending machine	
<i>Salmonella</i> Enteritidis	NY	9	90	8	Stuffed flourer	Restaurant	
<i>Salmonella</i> Enteritidis	OH	5	90	149	Unknown	Restaurant	
<i>Salmonella</i> Enteritidis	PA	12	90	7	Unknown	Private home	
<i>Salmonella</i> Enteritidis	TN	5	90	56	Banana pudding/meringue/raw egg	Restaurant	
<i>Salmonella</i> Enteritidis	NJ	8	90	5	Unknown	Nursing home	
<i>Salmonella</i> Enteritidis	TX	2	90	5	Bolegnaghetti barbecue chicken	Private home	
<i>Salmonella</i> Enteritidis	LA	10	90	25	Boiled shrimp	Private club	
<i>Salmonella</i> Enteritidis	MI	5	90	31	Unknown	Private home	
<i>Salmonella</i> Enteritidis	MN	6	90	84	Tomatoes	Restaurant/private home/day-care center	
<i>Salmonella</i> Enteritidis	IL	2	90	320	Salad	Restaurant	
<i>Salmonella</i> Infantis	IL	6	90	12	Unknown	Restaurant	
<i>Salmonella</i> Infantis	MO	9	90	115	Barbecue chicken	Festival	
<i>Salmonella</i> Infantis	CT	10	90	101	Roasted turkey	Hospital	
<i>Salmonella</i> Infantis	WI	6	90	39	Turkey dressing sandwich	Restaurant	
<i>Salmonella</i> Infantis	IL	9	90	25	Unknown	Restaurant	
<i>Salmonella</i> Montevideo	AZ	5	90	21	Guacamole	Restaurant	
<i>Salmonella</i> Montevideo	MA	3	90	4	Lapas	Retirement home	
<i>Salmonella</i> Montevideo	MD	8	90	24	Potato salad/baked chicken	Picnic	
<i>Salmonella</i> Montevideo	WA	7	90	17	Beans/rice/potato salad	Community center	
<i>Salmonella</i> Montevideo	AL	10	90	100	Unknown	School	
<i>Salmonella</i> Typhi	CA	6	90	7	Pasta/mi (suspect)	Restaurant	
<i>Salmonella</i> Typhi	IL	11	90	11	Unknown	Senior center	
<i>Salmonella</i> Typhi	MI	6	90	65	Chicken	Community center	
<i>Salmonella</i> Typhi	MO	7	90	2	Home-made ice cream/raw eggs	Private home	
<i>Salmonella</i> Typhi	NJ	7	90	12	Unknown	Picnic	
<i>Salmonella</i> Typhi	NM	6	90	31	Home-made pasta/raw eggs	Private home	
<i>Salmonella</i> Typhimurium	OH	11	90	11	Turkey suspect	Conference room	
<i>Salmonella</i> Typhimurium	VA	4	90	179	Chicken salad/cucumber salad	Anniversary party	
<i>Salmonella</i> Typhimurium	WI	6	90	118	Chicken salad	Restaurant	
<i>Salmonella</i> Typhimurium	IL	8	90	12	Tuna dishes	Workplace/private home	
<i>Shigella</i> boydii	NY	11	90	51	American hero (suspected)	Restaurant	
<i>Shigella</i> sonnei	MD	4	90	9	Chicken salad	Restaurant	
<i>Shigella</i> sonnei	IL	8	90	10	Unknown	Restaurant	

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1990 Foodborne Disease Outbreak Line Listing

Etiology	State*	Month	Year	ILI	Vehicle	Location	Comments
<i>Shigella sonnei</i>	TX	6	90	400	Unknown	Restaurant	
<i>Shigella sonnei</i>	OH	9	90	52	Shrimp scampi	Country club	
<i>Shigella sonnei</i>	CA	6	90	144	Smoked salmon	Banquet room	
<i>Shigella sonnei</i>	NH	10	90	152	Unknown	University	
<i>Shigella sonnei</i>	NY	7	90	16	Unknown	Communal dinner	
<i>Staphylococcus aureus</i>	CA	7	90	3	Pasta	Delicatessen	
<i>Staphylococcus aureus</i>	ID	5	90	2	Ham slices	Restaurant	
<i>Staphylococcus aureus</i>	IL	1	90	13	Beef/noodle casserole	Factory	
<i>Staphylococcus aureus</i>	IL	8	90	2	Dark rice/egg rolls	Restaurant	
<i>Staphylococcus aureus</i>	IL	9	90	37	Barbecue pork	Nursing home	
<i>Staphylococcus aureus</i>	MO	5	90	54	Chicken casserole	School	
<i>Staphylococcus aureus</i>	NJ	2	90	47	Unknown	Military base	
<i>Staphylococcus aureus</i>	NM	7	90	7	Home-made burrito	Workplace	
<i>Staphylococcus aureus</i>	RI	5	90	100	Ham	School	
<i>Staphylococcus aureus</i>	VA	6	90	23	Roast beef	Cafeteria	
<i>Staphylococcus aureus</i>	WI	4	90	11	Coconut cream pie	Private home	Enterotoxin types A and E
<i>Staphylococcus aureus</i>	WI	6	90	71	Chef salad/chicken/ham	Elderly meal sites	Enterotoxin type D
<i>Staphylococcus aureus</i>	WI	7	90	2	Ham	Private home	Phage types 29, 52, enterotoxin type A
<i>Staphylococcus aureus</i>	GT	5	90	26	Raw reef fish/water	Private home	Inaki
<i>Vibrio cholerae</i> , O1	ID	8	90	5	Oysters	Restaurant	
<i>Vibrio parahaemolyticus</i>	WA	8	90	2	Oysters	Restaurant	
<i>Vibrio parahaemolyticus</i>	WA	7	90	9	Oysters	Private home	
<i>Vibrio parahaemolyticus</i>	WA	7	90	5	Raw oysters	Fast food	
<i>Vibrio parahaemolyticus</i>	GA	4	90	2	Raw oysters	Restaurant	
<i>Vibrio malfusca</i>	CA	3	90	4	Mullet	Private home	
<b>Chemical</b>					Sea bass	Private home	
Ciguatoxin	HI	1	90	5	Sea bass	Restaurant	
Ciguatoxin	HI	8	90	11	Barracuda	Private home	
Ciguatoxin	HI	9	90	1	Goat fish	Private home	
Ciguatoxin	HI	9	90	2	Roi	Private home	
Ciguatoxin	HI	9	90	3	Grey snapper	Private home	
Ciguatoxin	HI	11	90	2	Barracuda	Restaurant	
Ciguatoxin	HI	11	90	5	Sea bass	Private home	
Ciguatoxin	HI	12	90	5	Mu fish	Private home	
Ciguatoxin	NY	1	90	1	Mahi mahi	Restaurant	
Ciguatoxin	PR	6	90	5	Mackerel	Fish shop/priv home	
Mushroom Poison	CA	6	90	5	Mushrooms	Private home	
Paralytic Shellfish Poison	AK	5	90	16	Butter clams/mussels	Private home/fishing boat	
Paralytic Shellfish Poison	MA	5	90	8	Blue mussels	Private home/fishing boat	
Scombrotoxin	CA	8	90	1	Yellowfin tuna	Restaurant	
Scombrotoxin	GA	5	90	12	Grilled fresh tuna	Restaurant	
Scombrotoxin	HI	4	90	148	Mahi mahi	Hotel	
Scombrotoxin	HI	11	90	2	Ahi fish	Restaurant	
Scombrotoxin	HI	11	90	11	Yellowfin tuna	Restaurant	
Scombrotoxin	IL	3	90	2	Yellowfin tuna	Restaurant	
Scombrotoxin	NJ	9	90	2	Tuna sashimi	Histamine	
Scombrotoxin	NJ	6	90	6	Tuna steak	Private home	
Scombrotoxin	NY	6	90	2	Grilled tuna	Private home	
Scombrotoxin	NY	7	90	2	Barbecue tuna	Private home	
Scombrotoxin	OR	10	90	6	Bluefin tuna	Restaurant	
Other Chemical	IL	4	90	1	Cherry vanilla ice cream	Private home	
Other Chemical	NY	7	90	2	Diet soda	Prison	
<b>Parasite</b>					Workplace cafeteria		
<i>Giardia intestinalis</i>	CT	11	90	27	Raw vegetables	Hospital	
<i>Giardia intestinalis</i>	IL	8	90	75	Salad bar	Restaurant	
<i>Giardia intestinalis</i>	WA	7	90	27	Ice (suspected)	Wedding	
<i>Trichinella spiralis</i>	IA	7	90	90	Uncooked home-made pork sausage	Private Home	
<i>Trichinella spiralis</i>	VA	11	90	15	Pork		
<b>Viral</b>							
Hepatitis A	FL	6	90	15	Cheese	Private home	HAV IgM+
Hepatitis A	IL	3	90	129	Prewrapped sandwiches	Unknown	HAV IgM+
Hepatitis A	ML	4	90	51	Frozen strawberries	Multiple locations	ML=multistate; GA,MT

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1990 Foodborne Disease Outbreak Line Listing

ETIOLOGY	STATE*	MONTH	YEAR	ILL	VEHICLE	LOCATION	COMMENTS
Hepatitis A	MO	12	90	130	Lettuce	Restaurant	HAV/GM+
Hepatitis A	NJ	10	90	11	Unknown	Restaurant	HAV/GM+
Hepatitis A	PA	6	90	23	Unknown	Restaurant	HAV/GM+, IgG+
Hepatitis A	WA	8	90	39	Unknown	Restaurant	HAV/GM+
Hepatitis A	WI	3	90	15	Pizza	Restaurant	HAV/GM +
Hepatitis A	WI	5	90	39	Sandwich/vegetable/salad/ice	Company cafeteria	HAV/GM +
<b>Unknown</b>							
Unknown	AK	7	90	2	Whale (suspected)	Private home	
Unknown	AL	11	90	73	Unknown	Church	
Unknown	CA	1	90	6	Unknown	Restaurant	
Unknown	CA	1	90	22	Smoked chicken (suspected)	Restaurant	
Unknown	CA	1	90	39	Unknown	Church	
Unknown	CA	1	90	29	Unknown	Workplace	
Unknown	CA	2	90	3	Unknown	Restaurant	
Unknown	CA	2	90	34	Deli sandwich (suspected)	Hospital lounge	
Unknown	CA	3	90	6	Spanish rice	Restaurant	
Unknown	CA	3	90	290	Unknown	School	
Unknown	CA	5	90	11	Unknown	Restaurant	
Unknown	CA	5	90	19	Unknown	School	
Unknown	CA	5	90	16	Unknown	Dining room	
Unknown	CA	6	90	12	Unknown	Nursing home	
Unknown	CA	7	90	9	Unknown	Outdoor barbecue	
Unknown	CA	9	90	7	Unknown	Private home	
Unknown	CO	12	90	9	Unknown	Restaurant	
Unknown	FL	3	90	13	Fried potatoes	Restaurant	
Unknown	FL	7	90	14	Potato salad/salami	Workplace	
Unknown	GA	10	90	18	Tomato/broccoli	Wedding reception	
Unknown	GA	10	90	19	Unknown	Workplace	
Unknown	GT	8	90	2	Unknown	Private home	
Unknown	HI	2	90	4	Unknown	Delicatessen	
Unknown	HI	2	90	5	Sausage pizza (suspected)	Private home	
Unknown	HI	3	90	16	Pizza/beesee	Restaurant	
Unknown	HI	3	90	4	Unknown	Restaurant	
Unknown	HI	3	90	4	Unknown	Hospital cafeteria	
Unknown	HI	3	90	3	Unknown	Private home	
Unknown	HI	3	90	3	Unknown	Private home	
Unknown	HI	3	90	238	Fresh fruit/stuffed eggs	Cruise	
Unknown	HI	4	90	3	Unknown	Restaurant	
Unknown	HI	4	90	4	Unknown	Hospital fair	
Unknown	HI	5	90	2	Unknown	Private home	
Unknown	HI	5	90	3	Unknown	Restaurant	
Unknown	HI	5	90	3	Unknown	Private home	
Unknown	HI	6	90	4	Unknown	Restaurant	
Unknown	HI	6	90	2	Unknown	Private home	
Unknown	HI	6	90	9	Unknown	Restaurant	
Unknown	HI	7	90	24	Fern shoots	Private home	
Unknown	HI	7	90	3	Unknown	Restaurant	
Unknown	HI	8	90	3	Baracuda	Workplace	
Unknown	HI	8	90	2	Unknown	Private home	
Unknown	HI	9	90	17	Fried shrimp/vanilla ice cream	Private home	
Unknown	HI	9	90	2	Goat fish soup	Restaurant	
Unknown	HI	9	90	3	Unknown	Private home	
Unknown	HI	9	90	21	Noodles (suspected)	Workplace	
Unknown	HI	10	90	2	Steamed parrot fish (suspected)	Restaurant	
Unknown	HI	11	90	3	Unknown	Private home	
Unknown	HI	12	90	39	Chicken quesadilla/salsa/guacamole	Private home	
Unknown	IA	8	90	60	Unknown	Workplace party	
Unknown	ID	1	90	10	Rice pilaf (suspected)	Picnic	
Unknown	ID	8	90	5	Raw milk	Restaurant	
Unknown	ID	8	90	4	Unknown	Private home	
Unknown	ID	9	90	8	Unknown	Family camping trip	
Unknown	ID	11	90	2	Unknown	Private home	
Unknown	IL	1	90	45	Taco shells/with meat	Restaurant	
Unknown	IL					School	

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## 1990 Foodborne Disease Outbreak Line Listing

ETIOLOGY	STATE*	MONTH	YEAR	ILL	VEHICLE	LOCATION	COMMENTS
Unknown	IL	2	90	4	Unknown	Restaurant	
Unknown	IL	3	90	90	Unknown	Restaurant	
Unknown	IL	3	90	20	Beef/punch/jello/pickle	Private home	
Unknown	IL	3	90	19	Unknown	Private home	
Unknown	IL	4	90	98	Curry chicken salad sandwich/brownie	Hospital	Norwalk/Norwalk-like Virus (suspected)
Unknown	IL	5	90	33	Orange roughy	Restaurant	
Unknown	IL	5	90	33	Roast beef	Tour boat	
Unknown	IL	5	90	29	Pasta salad	Race track	
Unknown	IL	6	90	40	Champagne/beer/green beans	Restaurant	
Unknown	IL	6	90	57	Fruit cup	School	
Unknown	IL	7	90	13	Mayonnaise salad dressing	Picnic	
Unknown	IL	8	90	5	Unknown	Restaurant	
Unknown	IL	8	90	8	Lasagna (suspected)	Workplace restaurant	
Unknown	IL	8	90	10	Ham (suspected)	Workplace	
Unknown	IL	10	90	20	Unknown	Private home	
Unknown	IL	10	90	14	Unknown	Private home	
Unknown	IL	11	90	29	Beef/veal	Private home	
Unknown	IL	11	90	29	Turkey sandwich	Private home	
Unknown	IL	11	90	10	Ham (suspected)	Private home	
Unknown	IL	11	90	20	Unknown	Camp	
Unknown	IL	11	90	27	Sour cream dip/chicken finger sandwich	Wedding reception	
Unknown	IL	11	90	26	Unknown	Banquet hall	
Unknown	IL	11	90	126	Unknown	Institution for the developmentally disabled	
Unknown	IL	12	90	36	Unknown	Restaurant	
Unknown	IL	12	90	15	Dip	Private home	
Unknown	KY	1	90	6	Unknown	Restaurant	
Unknown	KY	6	90	13	Unknown	Picnic	
Unknown	KY	12	90	39	Chickendressing	Party	
Unknown	LA	9	90	63	Turkey/green salad/chicken	School	
Unknown	LA	12	90	63	Sandwiches	Workplace	
Unknown	MA	4	90	8	Cake/filling/frosting	Private home	
Unknown	MA	5	90	26	Chicken ala king (suspected)	Rented hall	
Unknown	MA	6	90	20	Unknown	Restaurant	
Unknown	MA	6	90	119	Vegetable dip/Stuffing	Yacht club	
Unknown	MA	6	90	25	Chicken salad sandwiches	Workplace	
Unknown	MD	3	90	4	Unknown	Restaurant	
Unknown	MD	4	90	4	Unknown	Restaurant	
Unknown	MD	6	90	3	Unknown	Restaurant	
Unknown	MD	9	90	6	Unknown	Restaurant	
Unknown	MD	9	90	6	Unknown	Restaurant	
Unknown	MI	1	90	42	Lettuce/salad/seafood	Resort	
Unknown	MI	3	90	91	Unknown	Manor	
Unknown	MI	5	90	13	Salad	Restaurant	
Unknown	MI	5	90	3	Unknown	Restaurant	
Unknown	MI	7	90	60	Unknown	Picnic	
Unknown	MI	7	90	19	Unknown	School cafeteria	
Unknown	MI	8	90	19	Unknown	Restaurant	
Unknown	MI	10	90	9	Unknown	Resort	
Unknown	MI	10	90	200	Unknown	Camp	
Unknown	MI	11	90	3	Unknown	Wedding reception	
Unknown	MI	12	90	115	Unknown	Restaurant	
Unknown	MN	5	90	180	Potato salad/jam	Restaurant	
Unknown	MN	6	90	15	Unknown	Private home	
Unknown	MN	6	90	49	Gravy	Nursing home	
Unknown	MN	7	90	65	Unknown	Restaurant	
Unknown	MN	8	90	390	Green salad	Legion hall	
Unknown	MN	8	90	27	Lasagna	Prison	
Unknown	MN	9	90	17	Deli roast beef	Cafeteria	
Unknown	MN	9	90	42	Submarine sandwich		
Unknown	MN	10	90	102	Lettuce		
Unknown	MN	10	90	52	Turkey/macaroni salad		
Unknown	MN	11	90	7	Creamed beef		
Unknown	MO	3	90	25	Unknown		

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## 1990 Foodborne Disease Outbreak Line Listing

ETIOLOGY	STATE*	MONTH	YEAR	ILL	VEHICLE	LOCATION	COMMENTS
Unknown	MO	7	90	16	Raw vegetables/bread/butter	School reunion	
Unknown	MO	8	90	10	Unknown	Retirement home	
Unknown	NC	1	90	17	Unknown	Church	
Unknown	NC	2	90	49	Turkey	Restaurant	
Unknown	ND	4	90	11	Unknown	Private home	
Unknown	ND	8	90	32	Unknown	Bank	
Unknown	ND	9	90	25	Turkey sandwiches	Church	
Unknown	ND	9	90	17	Soda	Motel/poolside	
Unknown	NH	9	90	30	Unknown	Restaurant	
Unknown	NJ	2	90	14	Unknown	Restaurant	
Unknown	NJ	3	90	12	Tuna salad/potato salad	Private home	
Unknown	NJ	4	90	16	Barbecue chicken/shrimp/lobster	Restaurant	
Unknown	NJ	4	90	5	Ham	Private home	
Unknown	NJ	5	90	68	Chicken salad	Nursing home	
Unknown	NJ	10	90	9	Prime rib	Restaurant	
Unknown	NJ	11	90	35	Unknown	Reception hall	
Unknown	NJ	12	90	13	Seafood medley	Restaurant	
Unknown	NJ	12	90	9	Vegetable medley/cake	Private home	
Unknown	NM	4	90	32	Chicken sandwich/ham sandwich/chili	Hotel reception	
Unknown	NM	5	90	17	Tossed salad	Restaurant	
Unknown	NM	6	90	29	Unknown	Camp	
Unknown	NM	7	90	41	Chili cheese enchiladas	Private home	
Unknown	NM	11	90	40	Potato salad	School	
Unknown	NY	1	90	10	Blue cheese dressing	Restaurant	
Unknown	NY	1	90	59	Turkey breast/ham/ziti	Restaurant	
Unknown	NY	1	90	4	Unknown	Restaurant	
Unknown	NY	1	90	11	Unknown	Party	
Unknown	NY	1	90	26	Unknown	Hospital	
Unknown	NY	1	90	32	Unknown	Restaurant	
Unknown	NY	2	90	25	Crab legs/shrimp	Restaurant	
Unknown	NY	2	90	47	Cake/frosting	Restaurant	
Unknown	NY	2	90	4	Unknown	Private home	
Unknown	NY	3	90	34	Chicken casserole	Restaurant	
Unknown	NY	3	90	3	Unknown	Restaurant	
Unknown	NY	3	90	2	Unknown	Private home	
Unknown	NY	3	90	2	Unknown	Private home	
Unknown	NY	3	90	2	Unknown	Restaurant	
Unknown	NY	3	90	20	Unknown	Restaurant	
Unknown	NY	4	90	25	Unknown	Restaurant	
Unknown	NY	4	90	110	Unknown	University	
Unknown	NY	5	90	5	Unknown	Unknown	
Unknown	NY	5	90	36	Chocolate cake/rolls	Hotel	
Unknown	NY	5	90	93	Unknown	Hotel	
Unknown	NY	5	90	2	Unknown	Fire hall	
Unknown	NY	6	90	2	Unknown	Restaurant	
Unknown	NY	6	90	4	Unknown	Restaurant	
Unknown	NY	6	90	4	Unknown	Private home	
Unknown	NY	6	90	5	Raw clams	Private home	
Unknown	NY	6	90	4	Unknown	Private home	
Unknown	NY	6	90	67	Raw clams (suspected)	Fraternall hall	
Unknown	NY	6	90	4	Unknown	Workplace	
Unknown	NY	6	90	50	Unknown	Synagogue	
Unknown	NY	7	90	2	Unknown	Restaurant	
Unknown	NY	7	90	2	Unknown	Restaurant	
Unknown	NY	7	90	2	Unknown	Restaurant	
Unknown	NY	7	90	8	Unknown	Restaurant	
Unknown	NY	7	90	4	Unknown	Restaurant	
Unknown	NY	8	90	2	White rice (suspected)	Restaurant	
Unknown	NY	8	90	4	Unknown	Restaurant	
Unknown	NY	8	90	81	Unknown	Restaurant	

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## 1990 Foodborne Disease Outbreak Line Listing

ETIOLOGY	STATE*	MONTH	YEAR	ILL	VEHICLE	LOCATION	COMMENTS
Unknown	NY	8	90	19	Macaroni/cheese/cake	Private home	
Unknown	NY	8	90	100	Chickengreen salad	Picnic	
Unknown	NY	8	90	7	Unknown	Hall	
Unknown	NY	9	90	2	Unknown	Restaurant	
Unknown	NY	9	90	2	Unknown	Restaurant	
Unknown	NY	9	90	43	Seafood salad	Private home	
Unknown	NY	9	90	4	Unknown	Private home	
Unknown	NY	9	90	28	Unknown	Picnic	
Unknown	NY	9	90	35	Roast beef with gravy	Caterer hall	
Unknown	NY	9	90	3	Unknown	Workplace	
Unknown	NY	9	90	6	Unknown	Workplace	
Unknown	NY	10	90	2	Unknown	Private home	
Unknown	NY	10	90	3	Unknown	Private home	
Unknown	NY	10	90	25	Unknown	Retirement home	
Unknown	NY	11	90	3	Unknown	Restaurant	
Unknown	NY	11	90	8	Cake/banana cream filling	Workplace	
Unknown	NY	11	90	8	Unknown	Private home	
Unknown	NY	12	90	31	Apple strudel/broccoli	Private home	
Unknown	OH	3	90	5	Unknown	Church	
Unknown	OH	3	90	33	Unknown	Restaurant	
Unknown	OH	4	90	12	Unknown	School	
Unknown	OH	4	90	4	Unknown	Unknown	
Unknown	OH	5	90	50	Swiss steak/fruit cup	Private home	
Unknown	OH	5	90	50	Swiss steak/fruit cup	Private home	
Unknown	OH	5	90	98	Unknown	University picnic	
Unknown	OH	6	90	9	Unknown	Conference	
Unknown	OH	6	90	7	Unknown	Prision	
Unknown	OH	7	90	4	Unknown	Private home	
Unknown	OH	7	90	4	Unknown	Workplace	
Unknown	OH	7	90	4	Unknown	Restaurant	
Unknown	OH	9	90	7	Unknown	Restaurant	
Unknown	OH	9	90	39	Unknown	Picnic	
Unknown	OH	11	90	7	Milk	Restaurant	
Unknown	OH	11	90	3	Unknown	Restaurant	
Unknown	OH	11	90	4	Unknown	Restaurant	
Unknown	OH	11	90	4	Unknown	Community center	
Unknown	OH	12	90	30	Honey-lemon dressing (suspected)	Restaurant	
Unknown	OH	12	90	11	Unknown	Restaurant	
Unknown	OH	12	90	23	Unknown	Christmas party	
Unknown	OK	1	90	10	Unknown	Community center	
Unknown	OK	4	90	5	Unknown	Restaurant	
Unknown	OK	4	90	21	Unknown	School	
Unknown	OK	5	90	4	Unknown	Restaurant	
Unknown	OK	5	90	30	Unknown	School	
Unknown	OK	8	90	150	Unknown	Prision	
Unknown	OK	10	90	150	Unknown	Concession stand	
Unknown	OK	11	90	468	Unknown	Workplace dinner	
Unknown	OR	2	90	10	Unknown	Private home	
Unknown	OR	5	90	6	Unknown	Restaurant	
Unknown	OR	5	90	6	Unknown	Private home	
Unknown	PA	2	90	54	Deviled eggs/vegetables/dip/dip	Catering house	
Unknown	PA	2	90	463	Unknown	Private home/school/church	
Unknown	PA	4	90	25	Unknown	Restaurant	
Unknown	PA	5	90	100	Vanilla ice cream/unknown	Fair hall	
Unknown	PA	6	90	10	Ranch dressing	Restaurant	
Unknown	PA	9	90	54	Unknown	Workplace	
Unknown	PA	9	90	52	Unknown	Hospital	
Unknown	PA	10	90	20	Unknown	Restaurant	
Unknown	PA	10	90	139	Unknown	School	
Unknown	PA	10	90	5	Unknown	Hotel	
Unknown	PA	11	90	91	Unknown	Restaurant	
Unknown	PA	12	90	11	Unknown	Private home	
Unknown	PA	12	90	50	Unknown	School	

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## 1990 Foodborne Disease Outbreak Line Listing

ETIOLOGY	STATE*	MONTH	YEAR	ILL	VEHICLE	LOCATION	COMMENTS
Unknown	PA	12	90	13	Salad bar		
Unknown	PR	2	90	12	Unknown	Hotel	
Unknown	PR	5	90	26	Couch salad	Hospital party	<i>Bacillus cereus</i> (suspected)
Unknown	SD	9	90	24	Unknown	Community gathering	
Unknown	TN	5	90	50	Campesina/chicken/salami	Restaurant	
Unknown	TX	4	90	28	Taco salad	Hotel banquet	
Unknown	TX	6	90	25	Chicken enchiladas	Workplace	
Unknown	TX	6	90	21	Salad/lettuce	Hotel	
Unknown	TX	9	90	49	Unknown	Restaurant	
Unknown	VA	6	90	3	Unknown	Private home	
Unknown	VA	7	90	45	Wheat bread/mustard/soft drink	Hotel	
Unknown	VA	7	90	12	Unknown	Hotel	
Unknown	VA	7	90	25	Unknown	Picnic/church	
Unknown	VA	8	90	197	Unknown	Restaurant	
Unknown	WA	4	90	6	Unknown	Restaurant	<i>Salmonella</i> Heidelberg (suspected)
Unknown	WA	4	90	4	Unknown	Restaurant	<i>Campylobacter</i> spp. (suspected)
Unknown	WA	4	90	3	Raw milk (suspected)	Private home	
Unknown	WA	4	90	3	Unknown	School cafeteria	
Unknown	WA	5	90	3	Unknown	Restaurant	
Unknown	WA	5	90	6	Unknown	Restaurant	
Unknown	WA	5	90	7	Unknown	Restaurant	
Unknown	WA	5	90	7	Unknown	Private home	
Unknown	WA	5	90	37	Pressed turkey rolls	Fundraising dinner	
Unknown	WA	6	90	4	Unknown	Restaurant	
Unknown	WA	6	90	4	Unknown	Private home	
Unknown	WA	6	90	40	Butter	Education summit	
Unknown	WA	6	90	145	Potato salad/salmon	Hotel	
Unknown	WA	7	90	6	Unknown	Restaurant	
Unknown	WA	8	90	7	French silk pie/raw eggs	Restaurant	
Unknown	WA	8	90	82	Canapes/crab shrimp	Restaurant	
Unknown	WA	8	90	5	Unknown	Restaurant	
Unknown	WA	8	90	10	Unknown	Restaurant	
Unknown	WA	8	90	2	Raw milk (suspected)	Private home	
Unknown	WA	8	90	71	Unknown	Conference center	
Unknown	WA	9	90	4	Tuna casserole (suspected)	Restaurant	
Unknown	WA	9	90	20	Unknown	Wedding reception	
Unknown	WA	10	90	32	Afifia sprouts/cucumber/lettuce	Conference	
Unknown	WA	12	90	22	Tortilla salad/red potato salad	Hotel	
Unknown	WI	4	90	25	Unknown	Restaurant	
Unknown	WI	4	90	113	Unknown	Restaurant	
Unknown	WI	5	90	72	Lettuce	Restaurant	
Unknown	WI	5	90	13	Unknown	Restaurant	
Unknown	WI	5	90	26	Unknown	Restaurant	
Unknown	WI	5	90	23	Salad bar	Camp	
Unknown	WI	7	90	43	Unknown	Food truck	
Unknown	WI	8	90	85	Unknown	Restaurant	
Unknown	WI	9	90	407	Turkey/gravy	Restaurant	
Unknown	WI	9	90	20	Unknown	Restaurant	
Unknown	WI	10	90	4	Ham sandwich	Bowling Alley	
Unknown	WI	11	90	19	Milk	Fraternity	
Unknown	WI	12	90	16	Unknown	Restaurant	
Unknown	WI	12	90	34	Pickles	Workplace party	

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