

RECEIVED

OCT 10 1967

NCDC LIBRARY  
ATLANTA, GA. 30333

NATIONAL COMMUNICABLE DISEASE CENTER

# FOODBORNE OUTBREAKS

STATUS REPORT FOR 1966

## TABLE OF CONTENTS

- I. Preface
- II. Etiology and Sources  
of Reports of Food  
Poisoning Episodes
- III. Chronological Line  
Listing of Outbreaks

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
PUBLIC HEALTH SERVICE  
Bureau of Disease Prevention and Environmental Control

## PREFACE

This report is a chronological line listing of foodborne disease outbreaks compiled by the National Communicable Disease Center during 1966 from various sources: state and local health departments; two agencies of the U.S. Public Health Service, namely the Division of Environmental Engineering and Food Protection and the Epidemic Intelligence Service; and newspaper clippings. Only two states report routinely. There is considerable variation in the completeness of reports with respect to information on etiology, vehicle of transmission, and source of contamination. In over half the outbreaks the cause was not specified. There were no reports of viral foodborne illnesses.

The data are not representative and the quality of reports for the most part is marginal; therefore, in our judgment, no justifiable conclusions can be drawn about patterns of foodborne illnesses. The report emphasizes the need to improve the quality and quantity of primary data. It is written primarily because of the growing interest in foodborne disease problems. Anyone desiring to quote this report should contact the Enteric Diseases Unit for permission and interpretation.

National Communicable Disease Center ..... David J. Sencer, M.D., Director  
Epidemiology Program ..... Alexander D. Langmuir, M.D., Chief  
Bacterial Diseases Section ..... John V. Bennett, M.D., Acting Chief  
Enteric Diseases Unit ..... Eugene J. Gangarosa, M.D., Chief  
George T. Curlin, M.D., EIS Officer  
Statistics Section..... Ida L. Sherman, M.S., Acting Chief  
Billie Gray, Statistical Clerk

ETIOLOGY OF FOOD POISONING EPISODES REPORTED  
TO THE NCDC FROM ALL SOURCES  
FOR CALENDAR YEAR, 1966

	<u>Outbreaks</u>		<u>Patients</u>	
	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Bacterial	67	37.02	4067	51.09
<u>Cl. perfringens</u>	8	4.42	1346	16.91
Salmonella species	23	12.71	1292	16.23
<u>Staphylococcus aureus</u>	26	14.36	860	10.80
Botulism	4	2.21	10	0.13
Shigella species	3	1.66	76	0.95
Other	3	1.66	483	6.07
Chemical	2	1.10	159	2.00
Parasitic	4	2.21	7	0.09
Viral	0		0	
Unknown	<u>108</u>	59.67	<u>3727</u>	46.82
TOTAL	181		7960	

OUTBREAKS OF FOOD POISONING REPORTED TO THE  
NCDC BY STATE HEALTH DEPARTMENTS  
FOR CALENDAR YEAR, 1966

California	48	Oklahoma	1
Connecticut	3	Oregon	3
Idaho	1	New Jersey	2
Illinois	5	New York	23
Indiana	1	Pennsylvania	1
Kentucky	1	South Carolina	5
Los Angeles	1	Rhode Island	1
Louisiana	1	Utah	1
Maryland	1	Washington, D.C.	1
Minnesota	3	West Virginia	1
Montana	<u>4</u>	Other States	<u>0</u>
Subtotal	69	Subtotal	39
TOTAL	108		

ONSET	REPORTED FROM	VEHICLE	ETIOLOGY
1- 1-66	Chicago, Ill.	ham, turkey bread, D. egg	staphylococcus
1- 2-66	Great Falls, Mont.	beef stew	staphylococcus?
1- 4-66	Washington, D. C.	soup or breaded pork	
1- 6-66	Palo Alto, Cal.	beef in gravy	
1- 6-66	Mountain View, Cal.	beef stew	
1- 7-66	Connecticut	?raw eggs	<u>Salmonella</u> <u>enteritidis</u>
1-11-66	Farmingdale, N. Y.		
1-11-66	New York, N. Y. (Queens)	mushrooms (home canned)	botulism
1-12-66	Louisiana		<u>Salmonella</u> <u>saint-paul</u>
1-13-66	Commock, N. Y.		
1-14-66	Stockton, Cal.	chicken	
1-16-66	Mountain View, Cal.	sausage	
1-19-66	Arden Hills, Minn.		<u>Clostridium</u> <u>perfringens</u> ?
1-23-66	Skokie, Ill.	salad dressing	
1-23-66	Gowanda, N. Y.	TV dinners	
1-25-66	Los Angeles, Cal.	ham	staphylococcus
1-27-66	Roseburg, Oreg.	turkey and gravy	

LAB DATA		CLINICAL DATA			REPORTER
handlers vehicle pts.	# ill (at risk)	incub. period (hrs.)	Symptoms		
+	37 (127)	2-4	CNVD	SHD	
	2 (2)			DEEFP	
	4 (6)	$\frac{1}{2}$	HO flush	EIS	
	86 (600)	6-26	CDNV	DEEFP	
	6 (300)	3-22	D or C	DEEFP	
+	41		DFO (dehyd.)	EIS-EA	
	100	4	CND	News	
-	<sup>2</sup> + 1 (1)	48	weakness, dysphagia, dizziness, dysphonia	EIS	
+	103 (341)		NVFD	SHD	
	7	$\frac{1}{4}$ - $\frac{1}{2}$	NCDNVO flush	DEEFP	
-	3 (3)	2 $\frac{1}{2}$ -6	DNV	DEEFP	
-	3 (3)	13	NC&D	SHD	
-	70	7-8	DC	SHD	
-	32 (65)	5-20	DC	SHD	
	3 (4)	2-7	NVCDHO (chills)	SHD	
+	2	3	NVDC	SHD	
	80 (346)			SHD	

ONSET	REPORTED FROM	VEHICLE
1-29-66	San Diego, Cal.	beef barbecue
1- -66	Idaho	raw milk
2- 5-66	Winter Park, Colo.	?milk?water
2- 6-66	Hotchkiss, Colo.	turkey gravy
2- 9-66	Washington, D. C.	
2-10-66	Los Angeles, Cal.	ham
2-16-66	Rochester, N. Y.	salt-free muffins
2-17-66	Long Beach, Cal.	?ice cream
2-21-66	Washington, D. C.	
2-24-66	Madison, Wisc.	gravy
3- 3-66	Los Angeles, Cal.	meatballs
3- 4-66	San Diego, Cal.	gravy
3- 6-66	Jacksonville, Fla.	
3-12-66	Salida, Cal.	?hot dogs
3-13-66	Anaheim, Cal.	ham
3-15-66	Tucson, Ariz.	custard
3-18-66	Palo Alto, Cal.	sherbert? mayonnaise?
3-21-66	Los Angeles, Cal.	egg salad

ETIOLOGY	LAB DATA		# ill (at risk)	CLINICAL DATA		REPORTER
	handlers vehicle pts.			incub. period (hrs.)	Symptoms	
streptococcus	+		65+(162)	3-30	D&V	SHD
<u>Salmonella</u> <u>typhimurium</u>	+		11 (11)			SHD
			40			EIS
			60+	12-24		News
			4 (4)	½	O (Dry mouth)	EIS
staphylococcus	+		2	3	NVDC	SHD
chemical	+		151 (151)	½-4	VD	SHD
	-	-	108 (117)	4-18	NVDC	SHD
metal? pesticide?			3 (4)	½-1	CDNH	SHD
<u>Cl. perfringens</u>	+		366 (479)	14	FCV	SHD
			3 (3)	6-7	NCD	SHD
staphylococcus	+		3 (3)	9½	D&C	SHD
			76			News
salmonella	+		5 (5)	1-18	V&D	SHD
staphylococcus	+		3 (3)	4	VDC	SHD
<u>Salmonella</u> <u>oranienburg</u>	+	+	6			SHD
	-	-	21 (32)	24-63	DNVCF0 (chills myalgia)	SHD
staphylococcus	+		27 (28)	5-24	NVDC	SHD

2-25-66	Red Bird, Okla.	turkey and dressing	<u>Cl. perfringens</u>
3-29-66	Corona Del Mar, Cal.	lobster	
3-30-66	Olympia, Wash.	salmon	botulism?
3-30-66	New York, N. Y.	raw meat ravioli	
3-31-66	Kings, Ill.		
3-31-66	South Carolina	potato salad deviled egg	staphylococcus
3-31-66	St. Matthews, S. C.	potato Salad	staphylococcus
3- -66	Aspen, Colo.	water	<u>Giardia lamblia</u>
3- -66	Charlotte, N. C.	ham?	trichinosis
3- -66	Miami, Fla.		
4- 2-66	Bakersfield, Cal.	salami sandwich	staphylococcus?
4- 4-66	Michigan	dressing	
4- 5-66	Alhambra, Cal.	turkey? chicken?	<u>Salmonella</u> <u>blockley</u>
4- 5-66	Stanford, Cal.	pastrami sandwich	staphylococcus
4-11-66	Sunnyvale, Cal.	turkey	
4-12-66	Los Angeles, Cal.	ham	staphylococcus?
4-13-66	Walkerton, Ind.	ham sandwich	
4-13-66	San Diego, Cal.	bleu cheese dressing	
4-15-66	Louisville, Ky.	creme-filled doughnut	staphylococcus



-	+	49 (57)	4-36	NCD	SHD	
		6 (6)	12-24		SHD	
-		1	3-5	NVHO (blurred vision)	EIS	
		3 (3)	14-16	DCN	SHD	
		3			News	
	+	+	151 (417)	4-72	NVD	SHD
+		148	4-5		SHD	
+	+				EIS	
+		1			EIS	
		11			News	
		1 (1)	2		SHD	
		127	9	C	News	
+		8 (24)	20-30	NVDCFH	SHD	
+		1 (1)	4	NVDC	SHD	
		3 (5)	9-36	NVD	SHD	
		2 (2)	2	NV	SHD	
		1 (1)	2-3		News	
		2 (2)	1½-4	DV	SHD	
+	+	21 (21)	2	NDV	SHD	

ONSET	REPORTED FROM	VEHICLE	ETIOLOGY
4-19-66	Scoley, Mont.		botulism?
4-21-66	San Jose, Cal.	canned orange juice	
4-21-66	New London, N.H.	egg whites	<u>S. saint-paul</u>
4-23-66	Santa Cruz, Cal.	cream pie	staphylococcus
4-23-66	Fremont, Cal.	banana cream pie	
4-25-66	Los Angeles, Cal.	rice dish	
4-26-66	Carmi, Ill.	tuna fish	botulism? staphylococcus?
4-28-66	Milwaukee, Wisc.	eclairs	staphylococcus
4-28-66	Raleigh, N. C.	chicken/turkey salad	<u>Cl.</u> <u>perfringens</u>
4-28-66	Billings, Mont.	barbequed chicken	salmonella?
4-30-66	Sunnyvale, Cal.	hamburger sandwiches	
4- -66	North Carolina	smoked ham	trichinosis
5- 1-66	Newark, Cal.	hamburgers, f.f. and/or milk shakes	
5- 3-66	Sunnyvale, Cal.	hamburger: meat	<u>Cl.</u> <u>perfringens</u>
5- 3-66	Atlantic City, N. J.	hamburger	salmonella
5- 7-66	Fremont, Cal.	chow mein	

LAB DATA			CLINICAL DATA		REPORTER
handlers	# ill	incub.	Symptoms		
vehicle	(at	period			
pts.	risk)	(hrs.)			
	2 (4)	10	HN		EIS
	5 (5)	2-3½	NVD		SHD
+ + +	83		DNCFHVO (chills dizziness)		EIS
+	2 (2)	4	NVD		SHD
	3 (3)	4	CNVD		SHD
-	30-35(278)	24	NVDCFH		SHD
	3 (3)	12	VDC		EIS
+	163		NDC		News
+	800 (1100)	12-18	DNVF		EIS
	5 (5)	10	D		SHD
	5 (5)	6-12			SHD
+	1 (1)				EIS
	3 (3)	8-14	V		SHD
	7 (7)	11-13			SHD
+	1				News
	3 (4)	12	NVCD		SHD

5-7-66	Whitefish, Mont.	turkey salad	<u>Clostridium</u> <u>perfringens</u> type A
5- 8-66	Helena, Mont.	hot dogs	
5-10-66	Baltimore, Md.		botulism
5-11-66	Princeton, N. J.	ham salad	
5-11-66	Saugus, Cal.	carrots & peas wibeef stock	<u>Cl.</u> <u>perfringens?</u>
5-11-66	Alhambra City, Cal.	roast lamb or roast beef	<u>Cl.</u> <u>perfringens?</u>
5-17-66	Bloomington, Minn.		
5-20-66	St. Stephen, S. C.	blackberries	arsenic poisoning
5-23-66	Whitter, Cal.	gravy	
5-25-66	New York, N. Y. Edison, N. J. Philadelphia, Pa.	smoked whitefish	<u>S. java</u> <u>S. java</u>
5-27-66	Lockport, N. Y.		
5-29-66	Santa Clara, Cal.	hamburger or spaghetti	
5-30-66	Charleston, W. Va.	ham (canned)	staphylococcus
5-31-66	Hardin, Mont.	bologna	staphylococcus
5- -66	Washington		Salmonella typhosa
5- -66	Burnsville, N. C.		<u>S. typhimurium</u>

+	+	45 (140)	4		SHD
		2 (2)	1	0 (twitching)	SHD
+2		4 (7)	24	D,(intestinal symptoms, visual disturbance)	EIS
-		25+	3-4	NVD	News SHD
-		300+(900)	1-16	NVDCFH	SHD
-		22 (36)	1-43	NVDCFH	SHD
-		28 (45)	8-12	DC	SHD
+		8 (8)			SHD
		3 (3)	12-18	DCN	SHD
+	+	400+	14-24	DCNFV	SHD
+	+	300+(300+)	3-72	O (dehyd.)	EIS News
		2 (2)			News
		6 (6)	20-24	VC	SHD
	+	16 (16)	2-6	VD	SHD
	+	1 (1)			SHD
+		7			EIS
+					EIS

ONSET	REPORTED FROM	VEHICLE
6- 5-66	New York	sugar
6- 7-66	Commock, N. Y.	
6-12-66	Corpus Christi, Texas	barbecue
6-12-66	Walnut Creek, Cal.	
6-14-66	Connecticut	clams (raw, steamed and boiled)
6-17-66	Pasadena, Cal.	turkey, giblet gravy, dressing
6-17-66	Bakersfield, Cal.	chicken
6-21-66	Brooklyn, N. Y.	butter cream cake
6-22-66	Hawthorne, N. Y.	
6-26-66	Conway, Ark.	lemon and/or coconut pie
7- 4-66	Cushing, Okla.	soft drinks in metal containers
7- 4-66	Hills, Minn.	potato salad
7- 5-66	Brownsville, Pa.	canned ham
7- 6-66	Petersburg, Ill.	ham salad
7-10-66	Los Angeles, Cal.	chicken gizzards

ETIOLOGY	LAB DATA		CLINICAL DATA		REPORTER
	handlers vehicle pts.	# ill (at risk)	incub. period (hrs.)	Symptoms	
		5		F	SHD
		3	½-½	HCD	DEEFP
		5 (5)			News
staphylococcus	+	4 (4)	2	NV	SHD
	- -	98 (570)	24-48	DCA	SHD
		2 (2)	1-4	DNVF	SHD
Hafnia	+	6 (6)	1½-5	NV	SHD
<u>S. typhimurium</u>	+	24 (24)	24-48	CDNVFA	SHD
<u>Shigella</u> <u>flexneri 2</u>	+	16		VFD	SHD
		8 (49)			News
chemical?		19			News
staphylococcus	+	6 (15)	3	NVCD	SHD
		4 (4)	4-5		News
		8 (8)	3-4		SHD
staphylococcus	+	4 (4)	1-4	NVCD (chills, sweats)	SHD

7-11-66	Albany, N. Y.	ham sandwiches	<u>Staph. aureus</u> phage type 79, 53,77,83A
7-19-66	Los Gatos, Cal.	hamburgers and/or hot dogs	
7-19-66	Wilton, Conn.	pork loin	trichinosis
7-20-66	San Rafael, Cal.	roquefort dressing and ham?	staphylococcus
7-23-66	Haddam Neck, Conn.	egg grinders	<u>Salmonella</u> <u>heidelberg</u>
7-23-66	Priest River, Idaho	barbecue chicken	<u>S. typhimurium</u>
7-23-66	Allentown, Pa.		
7-23-66	Spokane, Wash.	barbecued chicken	<u>S. typhimurium</u>
7-23-66	Astoria, Oreg.	cream filling in cake	staphylococcus
7-24-66	San Jose, Cal.	chicken; pork; eggs	
8- 1-66	Long Beach, Cal.	canned ham	staphylococcus?
8- 3-66	Ft. Wayne, Ind.		
8- 4-66	New Haven, Ind.	23-day-old turkey eggs	<u>S. cholera-suis</u>
8- 4-66	Honolulu, Hai.	hamburger	
8- 8-66	New York, N. Y.	cheeseburgers beefburgers	
8-10-66	Shelby, N. C.	pork	staphylococcus
8-14-66	Cedar Point, Ohio	ham	



+		65 (550)	◀6		SHD	
		8	14-37½	NVD	SHD	
+		5 (8)	10-23	FDNA	SHD	
	+	5 (5)	½-12	DVHO (prostration)	SHD	
		+	40	10-24	DCF	SHD
+	+	25 (56)	31	CDFHO (myalgia)		
				DCVF	News	
+	+	60 (65)	18	HCNVDO (chills, dizziness)	News	
+	+	12 (12)	1-6	NVD	SHD	
		4 (4)		DNF	SHD	
		15 (15)	3-5	VDC	SHD	
		30			News	
	+	(50)	10-48	FVDCHAO (chills)	SHD	
		2 (2)			News	
		5 (5)	12	CDF	SHD	
+		25 (124)	4	VNDO (weakness, fainting)	News	
		45+(450)			News	

ONSET	REPORTED FROM	VEHICLE
8-15-66	Martin, Tenn.	barbecue chicken
8-18-66	Bakersfield, Cal.	turkey dressing
8-20-66	Berwyn, Ill.	wedding cake
8-21-66	East Brunswick, N. J.	steamed clams
8-22-66	Bluff, Utah	
8-27-66	Springfield, Mass.	chicken salad ham & cheese sandwiches
8-29-66	Preston, Pa.	
8- -66	Santa Ana, Cal.	cream cake
9- 2-66	Syracuse, N. Y.	
9- 4-66	Eagle Pass, Texas	
9- 8-66	Stockton, Cal.	
9- 9-66	Albany, Ga.	hamburger steak
9- 9-66	Troy, N. Y.	egg plant, egg salad, deviled eggs, cheese mix
9-11-66	Gainesville, Fla.	ice tea?
9-13-66	Huntington, N. Y.	

ETIOLOGY	LAB DATA		# ill (at risk)	CLINICAL DATA		REPORTER
	handlers vehicle pts.			incub. period (hrs.)	Symptoms	
			40+		N	News
			2 (3)	5		SHD
staphylococcus	+		25 (150)	2	NVD	SHD
			33 (55)	12-60	NVCD	SHD
			16		VNC	SHD
staphylococcus	+	+	100+(200)	1-4	CD	News
Salmonella B & CI	+	+	75 (250)	4-5	NVCO (abdominal pain)	SHD
staphylococcus			10 (10)			News
<u>Shigella</u> <u>flexneri 4B</u>	+		30			SHD
			30	5		News
staphylococcus?			7 (35)	5-12	NDV	SHD
			6	3-4	NCO (fainting)	News
<u>S. typhimurium</u>	+	+	20 (40)	5-31	VFDO (prostration)	SHD
			17		C	News
			2 (2)	20-25 min.	HFO (drowsiness difficulty in breathing, aches, pains)	SHD

9-18-66	Vallejo, Cal.	meat?	
9-22-66	Chester, Conn	gravy	staphylococcus
9-22-66	Pottsdam, N. Y.	egg salad sandwich?	
9-24-66	Carmichael, Cal.	pork meatloaf	
9-26-66	Trenton, N. J.	chicken a la king	<u>Clostridium</u> <u>welchii</u> type A?
9-28-66	Brooklyn, N. Y.	cheese strudel	
9-28-66	Fairfield, Cal.	pizza with ground beef	
10-1-66	Point Pleasant, W. Va.	green beans	
10-8-66	San Diego, Cal.	shrimp salad	
10-8-66	Fayetteville, Ark.		
10-9-66	Rewaukee, Wis.		staphylococcus?
10-9-66	Fullerton, Cal.	venison jerky	botulism, type F
10-14-66	Mt. View, Cal.	Chinese rice	
10-18-66	Bend, Oreg	chicken salad	<u>Cl.</u> <u>perfringens</u>
10-20-66	Ohio	barbecue chicken	<u>Bacillus cereus</u>
10-21-66	Bremen, Ind.	home-canned beets	botulism

	2 (100)	7	CNVDH	SHD
	36 (130)	5½-18	DVO (flatulence)	SHD
	200 (700)	4-24	NVCD	SHD
	3 (3)	2-6	DVCFO (chills, shock, dehydration)	SHD
-	43+(450)	6-18	DCNHFV	SHD
	6 (6)	10 min.	VCD	SHD
	2 (3)	3½-5½		SHD
				News
-	75 (108)	4-36	DNVC	SHD
	3			News
	(550)			News
+	3 (17)	30-36	Diplopia dysphagia ptosis dysphonia	EIS-EA
	6	1-5	NVD	SHD
+	74+(147)	6-20	CD	SHD
+	412 (1470)		NVD	News
+	2 (2)	4-6		News

ONSET	REPORTED FROM	VEHICLE	ETIOLOGY
10-23-66	Slamo, Cal.	baked chicken?	<u>S. blockley</u>
10-24-66	Logan, Utah		
10-30-66	Pasadena, Los Angeles	creamed chicken	
10-30-66	Columbia, S. C.	barbecue	staphylococcus
11- 1-66	Corfu, N. Y.		<u>Shigella sonnei</u>
11- 2-66	New York, N. Y.	steak sauce? gravy?	
11- 2-66	Palo Alto, Cal.	tacos or enchilados	<u>Cl.</u> <u>perfringens</u>
11-3-66	New York, N. Y.		
11-11-66	Tampa, Fla.		
11-12-66	Naperville, Ill.	? dried powdered potatoes	
11-13-66	New York, N. Y.	? shrimp	
11-17-66	Detroit, Mich.		
11-17-66	Mahopac, N. Y.		
11-19-66	Endicott, S. C.		
11-22-66	Albany, N. Y.	whipped topping on pie	
11-22-66	New York, N. Y.		
11-23-66	Eddyville, Iowa		

LAB DATA		CLINICAL DATA		REPORTER
handlers vehicle pts.	# ill (at risk)	incub. period (hrs.)	Symptoms	
+	103 (230)	9-22	FHNVDO (muscle aches)	SHD
	300+		NCVD	News
	25 (58)	5-19	CDVF	SHD
+	5	2½	NVDO	SHD
+	30			SHD
	3 (3)	2-2½	DCNVH	SHD
+	1 (1)	10	DNVC	SHD
	3	½	DCN	SHD
	10+	2-6		News
	60 (175)	10-16	CD	SHD
	26 (36)	10-21	DC	SHD
	192		CVDNO (dizziness)	News
-	314 (1949)	10-72		SHD
	33	3½-4	VDO (weakness)	News
-	130 (720)	7-14	NVCD	SHD
	36 (400)	7-18	DCNV	SHD
	50 (900)			News

11-25-66	New York, N. Y.	turkey	<u>S. saint-paul</u>
11-30-66	Ehrhardt, S. C.	pimento cheese	<u>Cl,</u> <u>perfringens</u>
12- 5-66	Cranston, R. I.	catered dinner	
12-10-66	Smithfield, N. C.	turkey, ham	salmonella
12-10-66	Elkridge, Md.	potato salad?	<u>S. enteritidis</u>
12-19-66	Albuquerque, N. M.	b beef jerky	<u>S. thompson</u>
12-20-66	Kern, Cal.	sauce in hamburger sandwich	
12-23-66	Chickasha, Okla.	ham	<u>Staphylococcus</u> <u>aureus</u>
12-24-66	Springfield, Ill.	cherry pie	staphylococcus?
12-24-66	Billings, Mont.		
12-26-66	New York, N. Y.	fr ied potatoes or meat	
12-26-66	New York, N. Y.	turkey and stuffing	
12-31-66	Boonville, Mo.	turkey?	
12-31-66	Sebree, Kentucky		
12- -66	Newark, N. J.	roast beef	



+	+	12	8-24	NVDF	SHD
	+	4	5	NVDCO (prostration)	SHD
-		27 (44)	4-52	NDVCOFH (chills, prostration, melena)	SHD
	+	180+(308)	2-12	NHDO (chills, leg & back aches, dehyd.)	News
+	-	76 (108)	5-120	CDFVNHO (chills, myalgia)	SHD
	+	12+			News
	-	2 (2)	1-6	V	SHD
+	+	22 (33)	6	NVD	News
-	-	4 (4)	3	NV	SHD
		2 (2)			News
		4 (4)	2½-3	DCNV	SHD
		44 (109)	6-19	DCNV	SHD
		350			News
		4 (5)	6-7		News
		(15)			News

#### FOOTNOTES

1. Cultures only, unless otherwise noted
2. Toxin demonstrated
3. A - anorexia  
C - cramping, abdominal pain  
D - diarrhea  
F - fever  
H - headache  
N - nausea  
V - vomiting  
O - other
4. MMWR - Morbidity and Mortality Weekly Report  
News - newspaper clipping  
DEEFP - Division of Environmental Engineering and Food Protection\*- USPHS  
EIS - Reports from Epidemic Intelligence Service Officers  
SHD - State Health Department

\* Since January 1967, the National Center for Urban and Industrial Health