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NATIONAL COMMUNICABLE DISEASE CENTER

# FOODBORNE OUTBREAKS

STATUS REPORT FOR 1966

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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.

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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	LAB DATA	CLINICAL DATA	REPORTER
				vehicle pts. handlers	incub. period (hrs.)	Symptoms
				pts. risk		
1- 1-66	Chicago, Ill.	ham, turkey bread, D. egg	staphylococcus	+ 37 (127)	2-4	CNVD SHD
1- 2-66	Great Falls, Mont.	beef stew	staphylococcus?	2 (2)		DEEFP
1- 4-66	Washington, D. C.	soup or breaded pork		4 (6)	½	HO flush EIS
1- 6-66	Palo Alto, Cal.	beef in gravy		86 (600)	6-26	CDNV DEEFP
1- 6-66	Mountain View, Cal.	beef stew		6 (300)	3-22	D or C DEEFP
1- 7-66	Connecticut	?raw eggs	<u>Salmonella</u> <u>enteritidis</u>	+ 41		DFO (dehyd.) EIS-EA
1-11-66	Farmingdale, N. Y.			100	4	CND News
1-11-66	New York, N. Y. (Queens)	mushrooms (home canned)	botulism	- 2 + 1 (1)	48	weakness, dysphagia, dizziness, dysphonia EIS
1-12-66	Louisiana		<u>Salmonella</u> <u>saint-paul</u>	+ 103 (341)		NVFD SHD
1-13-66	Commock, N. Y.			7	¼-½	NCDNVO flush DEEFP
1-14-66	Stockton, Cal.	chicken		3 (3)	2¼-6	DNV DEEFP
1-16-66	Mountain View, Cal.	sausage		3 (3)	13	NC&D SHD
1-19-66	Arden Hills, Minn.		<u>Clostridium</u> <u>perfringens?</u>	- 70	7-8	DC SHD
1-23-66	Skokie, Ill.	salad dressing		- 32 (65)	5-20	DC SHD
1-23-66	Gowanda, N. Y.	TV dinners		3 (4)	2-7	NVCDHO (chills) SHD
1-25-66	Los Angeles, Cal.	ham	staphylococcus	+ 2	3	NVDC SHD
1-27-66	Roseburg, Oreg.	turkey and gravy		80 (346)		SHD

ONSET	REPORTED FROM	VEHICLE	ETIOLOGY	LAB DATA		CLINICAL DATA		REPORTER
				handlers vehicle pts.	# ill (at risk)	incub. period (hrs.)	Symptoms	
1-29-66	San Diego, Cal.	beef barbecue	streptococcus	+	65+(162)	3-30	D&V	SHD
1- -66	Idaho	raw milk	<u>Salmonella</u>	+	11 (11)			SHD
2- 5-66	Winter Park, Colo.	?milk?water	<u>typhimurium</u>		40			EIS
2- 6-66	Hotchkiss, Colo.	turkey gravy			60+	12-24		News
2- 9-66	Washington, D. C.				4 (4)	½	0 (Dry mouth)	EIS
2-10-66	Los Angeles, Cal.	ham	staphylococcus	+	2	3	NVDC	SHD
2-16-66	Rochester, N. Y.	salt-free muffins	chemical	+	151 (151)	½-4	VD	SHD
2-17-66	Long Beach, Cal.	?ice cream		-	108 (117)	4-18	NVDC	SHD
2-21-66	Washington, D. C.		metal? pesticide?		3 (4)	½-1	CDNH	SHD
2-24-66	Madison, Misc.	gravy	<u>Cl. perfringens</u>	+	366 (479)	14	FCV	SHD
3- 3-66	Los Angeles, Cal.	meatballs			3 (3)	6-7	NCD	SHD
3- 4-66	San Diego, Cal.	gravy	staphylococcus	+	3 (3)	9½	D&C	SHD
3- 6-66	Jacksonville, Fla.				76			News
3-12-66	Salida, Cal.	?hot dogs	salmonella	+	5 (5)	1-18	V&D	SHD
3-13-66	Anaheim, Cal.	ham	staphylococcus	+	3 (3)	4	VDC	SHD
3-15-66	Tucson, Ariz.	custard	<u>Salmonella</u> <u>oranienburg</u>	+	6			SHD
3-18-66	Palo Alto, Cal.	sherbert? mayonnaise?		-	21 (32)	24-63	DNVCF0 (chills myalgia)	SHD
3-21-66	Los Angeles, Cal.	e egg salad	staphylococcus	+	27 (28)	5-24	NVDC	SHD

25-66	Red Bird, Okla.	turkey and dressing	-	+	49 (57)	4-36	NCD	SHD
3-29-66	Corona Del Mar, Cal.	lobster	-		6 (6)	12-24		SHD
3-30-66	Olympia, Wash.	salmon	-		1	3-5	NVHO (blurred vision)	EIS
3-30-66	New York, N. Y.	raw meat ravioli			3 (3)	14-16	DCN	SHD
3-31-66	Kings, Ill.				3			News
3-31-66	South Carolina	potato salad deviled egg			151 (417)	4-72	NVD	SHD
3-31-66	St. Matthews, S. C.	potato Salad	+		148	4-5		SHD
3- -66	Aspen, Colo.	water	+					EIS
3- -66	Charlotte, N. C.	ham?	+		1			EIS
3- -66	Miami, Fla.		+		11			News
4- 2-66	Bakersfield, Cal.	salami sandwich			1 (1)	2		SHD
4- 4-66	Michigan	dressing			127	9	C	News
4- 5-66	Alhambra, Cal.	turkey? chicken?	+		8 (24)	20-30	NVDFH	SHD
4- 5-66	Stanford, Cal.	pastrami sandwich	+		1 (1)	4	NVDC	SHD
4-11-66	Sunnyvale, Cal.	turkey			3 (5)	9-36	NVD	SHD
4-12-66	Los Angeles, Cal.	ham			2 (2)	2	NV	SHD
4-13-66	Walkerton, Ind.	ham sandwich			1 (1)	2-3		News
4-13-66	San Diego, Cal.	bleu cheese dressing			2 (2)	1 1/2-4	DV	SHD
4-15-66	Louisville, Ky.	creme-filled doughnut	+		21 (21)	2	NDV	SHD

ONSET	REPORTED FROM	VEHICLE	ETIOLOGY	LAB DATA		CLINICAL DATA		REPORTER	
				vehicle pts.	handlers	# ill (at risk)	incub. period (hrs.)		Symptoms
4-19-66	Scoley, Mont.		botulism?			2 (4)	10	HN	EIS
4-21-66	San Jose, Cal.	canned orange juice				5 (5)	2-3½	NVD	SHD
4-21-66	New London, N.H.	egg whites	<u>S. saint-paul</u>	+	+	83		DNCFHVO (chills dizziness)	EIS
4-23-66	Santa Cruz, Cal.	cream pie	staphylococcus	+		2 (2)	4	NVD	SHD
4-23-66	Fremont, Cal.	banana cream pie				3 (3)	4	GNVD	SHD
4-25-66	Los Angeles, Cal.	rice dish		-		30-35(278)	24	NVDCFH	SHD
4-26-66	Carmi, Ill.	tuna fish	botulism? staphylococcus?			3 (3)	12	VDC	EIS
4-28-66	Milwaukee, Wisc.	eclairs	staphylococcus	+		163		NDC	News
4-28-66	Raleigh, N. C.	chicken/turkey salad	<u>Cl.</u> <u>perfringens</u>	+		800 (1100)	12-18	DNVF	EIS
4-28-66	Billings, Mont.	barbequed chicken	salmonella?			5 (5)	10	D	SHD
4-30-66	Sunnyvale, Cal.	hamburger sandwiches				5 (5)	6-12		SHD
4- -66	North Carolina	smoked ham	trichinosis	+		1 (1)			EIS
5- 1-66	Newark, Cal.	hamburgers, f.f. and/or milk shakes				3 (3)	8-14	V	SHD
5- 3-66	Sunnyvale, Cal.	hamburger: meat	<u>Cl.</u> <u>perfringens</u>		+	7 (7)	11-13		SHD
5- 3-66	Atlantic City, N. J.	hamburger	salmonella	+		1			News
5- 7-66	Fremont, Cal.	chow mein				3 (4)	12	NVCD	SHD

Date	Location	Food Item	Pathogen	Signs/Symptoms	Count	Notes	Source
5-7-66	Whitefish, Mont.	turkey salad	<u>Clostridium perfringens</u> type A	+	45 (140)	+	SHD
5-8-66	Helena, Mont.	hot dogs		+	2 (2)	1	SHD (twitching)
5-10-66	Baltimore, Md.		botulism	+2	4 (7)	24	D,(intestinal EIS symptoms, visual disturbance)
5-11-66	Princeton, N. J.	ham salad		-	25+	3-4	NVD News SHD
5-11-66	Saugus, Cal.	carrots & peas wibeef stock	<u>Cl. perfringens?</u>	-	300+(900)	1-16	NVDCFH SHD
5-11-66	Alhambra City, Cal.	roast lamb or roast beef	<u>Cl. perfringens?</u>	-	22 (36)	1-43	NVDCFH SHD
5-17-66	Bloomington, Minn.	blackberries	arsenic poisoning	-	28 (45)	8-12	DC SHD
5-20-66	St. Stephen, S. C.			+	8 (8)		SHD
5-23-66	Whitter, Cal.	gravy			3 (3)	12-18	DCN SHD
5-25-66	New York, N. Y.	smoked whitefish	<u>S. l.ava</u>	+	400+	14-24	DCNFV SHD
	Edison, N. J.		<u>S. l.ava</u>	+	300+(300+)	3-72	0 (dehyd.) EIS News
	Philadelphia, Pa.						
5-27-66	Lockport, N. Y.				2 (2)		News
5-29-66	Santa Clara, Cal.	hamburger or spaghetti			6 (6)	20-24	VC SHD
5-30-66	Charleston, W. Va.	ham (canned)	staphylococcus	+	16 (16)	2-6	VD SHD
5-31-66	Hardin, Mont.	bologna	staphylococcus	+	1 (1)		SHD
5- -66	Washington		Salmonella typhosa	+	7		EIS
5- -66	Burnsville, N. C.		<u>S. typhimurium</u>	+			EIS

ONSET	REPORTED FROM	VEHICLE	ETIOLOGY	LAB DATA handlers vehicle pts.	# ill (at risk)	CLINICAL DATA incub. period (hrs.)	Symptoms	REPORTER
6- 5-66	New York	sugar			5	F		SHD
6- 7-66	Commock, N. Y.				3	4-4	HCD	DEEFP
6-12-66	Corpus Christi, Texas	barbecue			5 (5)			News
6-12-66	Walnut Creek, Cal.		staphylococcus	+	4 (4)	2	NV	SHD
6-14-66	Connecticut	clams (raw, steamed and boiled)		-	98 (570)	24-48	DCA	SHD
6-17-66	Pasadena, Cal.	turkey, giblet gravy, dressing			2 (2)	1-4	DNVF	SHD
6-17-66	Bakersfield, Cal.	chicken	Hafnia	+	6 (6)	1 1/2-5	NV	SHD
6-21-66	Brooklyn, N. Y.	butter cream cake	<u>S. typhimurium</u>	+	24 (24)	24-48	CDNVFA	SHD
6-22-66	Hawthorne, N. Y.		<u>Shigella</u> <u>flexneri 2</u>	+	16		VFD	SHD
6-26-66	Conway, Ark.	lemon and/or coconut pie			8 (49)			News
7- 4-66	Cushing, Okla.	soft drinks in metal containers	chemical?		19			News
7- 4-66	Hills, Minn.	potato salad	staphylococcus	+	6 (15)	3	NVCD	SHD
7- 5-66	Brownsville, Pa.	canned ham			4 (4)	4-5		News
7- 6-66	Petersburg, Ill.	ham salad			8 (8)	3-4		SHD
7-10-66	Los Angeles, Cal.	chicken gizzards	staphylococcus	+	4 (4)	1-4	NVCD (chills, sweats)	SHD

Date	Location	Food Item	Pathogen	Signs/Symptoms	Count	Notes
7-11-66	Albany, N. Y.	ham sandwiches	<u>Staph. aureus</u> phage type 79, 53,77,83A	+	65 (550)	SHD
7-19-66	Los Gatos, Cal.	hamburgers and/or hot dogs			8	14-37½ NVD SHD
7-19-66	Wilton, Conn.	pork loin	trichinosis	+	5 (8)	10-23 FDNA SHD
7-20-66	San Rafael, Cal.	roquefort dressing and ham?	staphylococcus	+	5 (5)	¼-12 DVHO (prostration) SHD
7-23-66	Haddam Neck, Conn.	egg grinders	<u>Salmonella</u> <u>heidelberg</u>	+	40	10-24 DCF SHD
7-23-66	Priest River, Idaho	barbecue chicken	<u>S. typhimurium</u>	+	25 (56)	31 CDFHO (myalgia) SHD
7-23-66	Allentown, Pa.					DCVF News
7-23-66	Spokane, Wash.	barbecued chicken	<u>S. typhimurium</u>	+	60 (65)	18 HCNVDO (chills, dizziness) NVD SHD
7-23-66	Astoria, Oreg.	cream filling in cake	staphylococcus	+	12 (12)	1-6 SHD
7-24-66	San Jose, Cal.	chicken; pork; eggs			4 (4)	DNF SHD
8- 1-66	Long Beach, Cal.	canned ham	staphylococcus?		15 (15)	3-5 VDC SHD
8- 3-66	Ft. Wayne, Ind.				30	News
8- 4-66	New Haven, Ind.	23-day-old turkey eggs	<u>S. cholera-suis</u>	+	(50)	10-48 FVDCHAO (chills) SHD
8- 4-66	Honolulu, Hai.	hamburger			2 (2)	News
8- 8-66	New York, N. Y.	cheeseburgers beefburgers			5 (5)	12 CDF SHD
8-10-66	Shelby, N. C.	pork	staphylococcus	+	25 (124)	4 VNDO (weakness, fainting) News
8-14-66	Cedar Point, Ohio	ham			45+(450)	News

ONSET	REPORTED FROM	VEHICLE	ETIOLOGY	LAB DATA handlers vehicle pts.	# ill (at risk)	CLINICAL DATA incub. period (hrs.)	SYMPTOMS	REPORTER
8-15-66	Martin, Tenn.	barbecue chicken			40+	N		News
8-18-66	Bakersfield, Cal.	turkey dressing			2 (3)	5		SHD
8-20-66	Berwyn, Ill.	wedding cake	staphylococcus	+	25 (150)	2	NVD	SHD
8-21-66	East Brunswick, N. J.	steamed clams			33 (55)	12-60	NVCD	SHD
8-22-66	Bluff, Utah				16		VNC	SHD
8-27-66	Springfield, Mass.	chicken salad ham & cheese sandwiches	staphylococcus	+	100+(200)	1-4	CD	News
8-29-66	Preston, Pa.		Salmonella B & CI	+	75 (250)	4-5	NVCO (abdominal pain)	SHD
8- -66	Santa Ana, Cal.	cream cake	staphylococcus		10 (10)			News
9- 2-66	Syracuse, N. Y.		<u>Shigella</u> <u>flexneri 4B</u>	+	30			SHD
9- 4-66	Eagle Pass, Texas				30	5		News
9- 8-66	Stockton, Cal.		staphylococcus?		7 (35)	5-12	NDV	SHD
9- 9-66	Albany, Ga.	hamburger steak			6	3-4	NCO (fainting)	News
9- 9-66	Troy, N. Y.	egg plant, egg salad, deviled eggs, cheese mix	<u>S. typhimurium</u>	+	20 (40)	5-31	VFDO (prostration)	SHD
9-11-66	Gainesville, Fla.	ice tea?			17		C	News
9-13-66	Huntington, N. Y.				2 (2)	20-25 min.	HFO (drowsiness difficulty in breathing, aches, pains)	SHD

9-18-66	Vallejo, Cal.	meat?		2 (100)	7	CNVDP	SHD
9-22-66	Chester, Conn	gravy	staphylococcus	36 (130)	5½-18	DVO (flatulence)	SHD
9-22-66	Pottsdam, N. Y.	egg salad sandwich?		200 (700)	4-24	NVCD	SHD
9-24-66	Carmichael, Cal.	pork meatloaf		3 (3)	2-6	DVCFD (chills, shock, dehydration)	SHD
9-26-66	Trenton, N. J.	chicken a la king	<u>Clostridium welchii</u> type A?	43+(450)	6-18	DCNHFV	SHD
9-28-66	Brooklyn, N. Y.	cheese strudel		6 (6)	10 min.	VCD	SHD
9-28-66	Fairfield, Cal.	pizza with ground beef		2 (3)	3½-5½		SHD
10-1-66	Point Pleasant, W. Va.	green beans					News
10-8-66	San Diego, Cal.	shrimp salad		75 (108)	4-36	DNVC	SHD
10-8-66	Fayetteville, Ark.			3			News
10-9-66	Rewaucke, Wis.		staphylococcus?	(550)			News
10-9-66	Fullerton, Cal.	venison jerky	botulism, type F	3 (17)	30-36	Diplopia dysphagia ptosis dysphonia	EIS-EA
10-14-66	Mt. View, Cal.	Chinese rice		6	1-5	NVD	SHD
10-18-66	Bend, Oreg	chicken salad	<u>Cl. perfringens</u>	74+(147)	6-20	CD	SHD
10-20-66	Ohio	barbecue chicken	<u>Bacillus cereus</u>	412 (1470)		NVD	News
10-21-66	Bremen, Ind.	home-canned beets	botulism	2 (2)	4-6		News

ONSET	REPORTED FROM	VEHICLE	ETIOLOGY	LAB DATA		CLINICAL DATA		REPORTER
				vehicle pts.	handlers	# ill (at risk)	incub. period (hrs.)	
10-23-66	Slamo, Cal.	baked chicken?	<u>S. blockley</u>	+	103 (230)	9-22	FHNDO (muscle aches)	SHD
10-24-66	Logan, Utah				300+		NCVD	News
10-30-66	Pasadena, Los Angeles	creamed chicken			25 (58)	5-19	CDVF	SHD
10-30-66	Columbia, S. C.	barbecue	staphylococcus	+	5	2½	NVDO	SHD
11- 1-66	Corfu, N. Y.		<u>Shigella sonnei</u>	+	30			SHD
11- 2-66	New York, N. Y.	steak sauce? gravy?			3 (3)	2-2½	DCNVH	SHD
11- 2-66	Palo Alto, Cal.	tacos or enchilados	<u>Cl. perfringens</u>	+	1 (1)	10	DNVC	SHD
11-3-66	New York, N. Y.				3	½	DCN	SHD
11-11-66	Tampa, Fla.				10+	2-6		News
11-12-66	Naperville, Ill.	? dried powdered potatoes			60 (175)	10-16	CD	SHD
11-13-66	New York, N. Y.	? shrimp			26 (36)	10-21	DC	SHD
11-17-66	Detroit, Mich.				192		CVDNO (dizziness)	News
11-17-66	Mahopac, N. Y.				314 (1949)	10-72		SHD
11-19-66	Endicott, S. C.				33	3½-4	VDO (weakness)	News
11-22-66	Albany, N. Y.	whipped topping on pie			130 (720)	7-14	NVCD	SHD
11-22-66	New York, N. Y.				36 (400)	7-18	DCNV	SHD
11-23-66	Eddyville, Iowa				50 (900)			News

Date	Location	Food Item	Pathogen	Significance	Cases	Period	Source	Notes
11-25-66	New York, N. Y.	turkey	<u>S. saint-paul</u>	+	12	8-24	NVDF	SHD
11-30-66	Ehrhardt, S. C.	pimento cheese	<u>Cl. perfringens</u>	+	4	5	NVDCO (prostration)	SHD
12- 5-66	Cranston, R. I.	catered dinner	-	-	27 (44)	4-52	NDVCOFH (chills, prostration, melena)	SHD
12-10-66	Smithfield, N. C.	turkey, ham	salmonella	+	180+(308)	2-12	NHDO (chills, leg & back aches, dehyd.)	News
12-10-66	Elkridge, Md.	potato salad?	<u>S. enteritidis</u>	+	76 (108)	5-120	CDFVNHO (chills, myalgia)	SHD
12-19-66	Albuquerque, N. M.	beef jerky	<u>S. thompson</u>	+	12+			News
12-20-66	Kern, Cal.	sauce in hamburger sandwich	-	-	2 (2)	1-6	V	SHD
12-23-66	Chickasha, Okla.	ham	<u>Staphylococcus aureus</u>	+	22 (33)	6	NVD	News
12-24-66	Springfield, Ill.	cherry pie	staphylococcus?	-	4 (4)	3	NV	SHD
12-24-66	Billings, Mont.				2 (2)			News
12-26-66	New York, N. Y.	fried potatoes or meat			4 (4)	2 1/2-3	DCNV	SHD
12-26-66	New York, N. Y.	turkey and stuffing			44 (109)	6-19	DCNV	SHD
12-31-66	Boonville, Mo.	turkey?			350			News
12-31-66	Sebree, Kentucky				4 (5)	6-7		News
12- -66	Newark, N. J.	roast beef			(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