REPORT NO. 102
DECEMBER 1970

CENTER FOR DISEASE CONTROL

SALMONELLA

SURVEILLANCE

CONTENTS. . .

FOR THE MONTH OF SEPTEMBER 1970

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE/PUBLIC HEALTH SERVICE
Health Services and Mental Health Administration

PREFACE

Summarized in this report is information received from State and City Health Departments, university and hospital laboratories, the National Animal Disease Laboratory (USDA, ARS), Ames, Iowa, and other pertinent sources, domestic and foreign. Much of the information is preliminary. It is intended primarily for the use of those with responsibility for disease control activities. Anyone desiring to quote this report should contact the original investigator for confirmation and interpretation.

Contributions to the Surveillance Report are most welcome. Please address:

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I. SUMMARY

In September 1970, 3,087 isolations of salmonellae were reported from humans, an average of 618 isolations per week (Tables I, II, and V-A). This number represents a decrease of 15 (2.4 percent) from the weekly average of August 1970 and an increase of 68 (12.4 percent) over the weekly average of September 1969.

Reports of 692 nonhuman isolations of salmonellae were received during September 1970 (Tables II, IV, and V-B).

II. REPORTS OF ISOLATIONS

The ten most frequently reported serotypes during September:

	HUMAN				NONHUMAN		
	Serotype	Number	Percent	Rank Last Month	Serotype	Number	Percent
1	typhi-murium*	724	23.5	1	typhi-murium*	146	21.1
2	enteritidis	324	10.5	2	tennessee	66	9.5
3	newport	258	8.4	4	heidelberg	49	7.1
4	heidelberg	177	5.7	3	montevideo	37	5.3
5	saint-paul	155	5.0	5	oranienburg	30	4.3
6	thompson	128	4.1	6	anatum	28	4.0
7	infantis	100	3.2	7	saint-paul	24	3.5
8	javiana	88	2.9	10	infantis	21	3.0
9	typhi	75	2.4	8	newport	20	2.9
10	blockley	66	2.1	9	blockley	18	2.6
	Total	2095	67.9		Total	439	63.4
	TOTAL (all serotypes)	3087			TOTAL (all serotypes)	692	
	*Includes var. copenhagen	50	1.6		*Includes var. copenhagen	10	

III. CURRENT INVESTIGATIONS

None.

IV. REPORTS FROM THE STATES

Reports of Salmonella Outbreaks received during the months of August and September

State	Month Of Outbreak	Location	Serotype	Number of Persons: Ill	At Risk	With Positive Cultures	Hospitalized	Deaths	Vehicle
August									
Maryland	July 1970	Nursing Home	S. enteritidis	123	211	42	-	29	Bread pudding?
Florida	May-June '70	School	?	123	215	?	6	0	Smoked ham
N. Carolina	July 1970	Restaurant	S. typhi-murium	56	75	9	18	0	Ham, barbecue
New York	August 1970	Anniversary Dinner	S. enteritidis	~240	400	40	?	0	Cornish hen
Vermont	March 1970	Nursery	S. blockley	~ 20	?	4	-	0	Person-to-person
New Jersey	August 1970	Summer Camp	S. thompson	~130	200	?	26	0	Multiple foods
September									
Pennsylvania	August 1970	Catered Parties	S. enteritidis	250	600	88	30	0	Multiple foods
North Dakota	August 1970	School for Retarded	S. thompson	200	1285	132	?	0	Ice cream
Texas	June-Aug. '70	Hospital & Community	S. typhi-murium	45	?	45	-	4	Person-to-person
Florida	July 1970	Naval Air Station	S. enteritidis	139	900	11	2	0	Turkey?

V. SPECIAL REPORTS

None.

VI. INTERNATIONAL

None.

TABLE I. COMMON SALMONELLAE REPORTED FROM HUMAN SOURCES, SEPTEMBER, 1970

SEROTYPE	GEOGRAPHIC DIVISION AND REPORTING CENTER																														
	NEW ENGLAND						MIDDLE ATLANTIC					EAST NORTH CENTRAL					WEST NORTH CENTRAL							SOUTH ATLANTIC								
	ME	NH	VT	MAS	RI	CON	NYA	NYB	NYC	NJ	PA	OHI	IND	ILL	MIC	WIS	MIN	IOW	MO	ND	SD	NEB	KAN	DEL	MD	DC	VA	WVA	NC	SC	GA	FLA
anatum				3				1		1	3		1	1											2		1		1		4	1
bareilly											1			1	4																	2
blockley	1		1	17		6			4	1	1	1		8	2	1		1	2						3		5		1		2	
braenderup				1				1	2	4	1				1																	1
bredeney				1				3	1	1				2	1	3	1	3											1		2	1
chester				1						1				1		2	2		1										1			
cholerae-suis v kun						1				1			1	2																		
cubana				1										1											1							2
derby				1				2	3	2		1		9		1									6		2		1		2	2
enteritidis			6	28	3	13		12	9	16	22	24	3	30	9	14	7	3	2				6		18		20		4		13	16
give												1		1		2															1	
heidelberg	1			6		5		9	8	3	11	6	4	16	6	5	2		2				1		2		1		7		11	8
indiana				1		2			2	1	2														2		1				4	1
infantis	2			5		2		4	6	2	3	4	2	4	3	7	3		1			1	6						3		3	8
java	3					3		2	1	2	2			1		2	1	1	1						5				2			2
javiana				1						1				1									3						1		5	32
litchfield									2		1				2																	3
livingstone																																
manhattan					1						3			4			1												2		2	1
miami															1										2							12
mississippi																															1	3
montevideo				1		3		2	1	1	13												8		2		2				4	3
muenchen				2				1		1				1	1		1		3				4						1		3	11
newington								1						1					1						2		1					1
newport				5		2		3	2	3	4	6	2	8	4	1	1	2	2				10	2	5		1		9		15	31
oranienburg				2		2		4	1	2	2			1		1	1						2		1				6		3	8
panama															1										1						2	
paratyphi B				6		1								2	4										1		1					
reading														1															2			
saint-paul				6		4		3	3	14	14	2	1	15	4	20	1						1	1	3		2		10		7	15
san-diego				1				1			2			1											1							
schwarzengrund												1			1			1									1		3			
senftenberg								1				1																	1			
tennessee														1									1				1		1			1
thompson				7		3	1	2	4	4	3	1		6	3	7	1	1		26		1			2		2	1	2		8	5
typhi				2			3	1	1		1	3		4	3	2			1	1					2		2			1	1	5
typhimurium	2		3	93	2	19	1	9	23	6	40	9	12	36	19	22	13	2	10	2	8		12	1	18		28		37		22	24
typhimurium v cop	1			13		22				1					2			2													1
weltevreden																																
worthington												1																				
TOTAL	10	–	10	204	6	88	5	62	73	68	129	61	26	156	71	90	35	16	26	29	8	2	54	4	79	–	71	1	96	1	114	201
ALL OTHER*	–	12	1	22	9	2	50	5	7	7	7	2	2	9	3	4	2	–	4	–	1	6	1	1	4	7	5	–	6	19	11	19
TOTAL	10	12	11	226	15	90	55	67	80	75	136	63	28	165	74	94	37	16	30	29	9	8	55	5	83	7	76	1	102	20	125	220

Note: NYA – New York, Albany; NYB – Beth Israel Hospital; NYC – New York City.
Beth Israel Hospital laboratory is a reference laboratory and this month serotyped a total of 101 cultures.

* See Table II.

TABLE I – Continued

GEOGRAPHIC DIVISION AND REPORTING CENTER																				TOTAL	% OF TOTAL	CUMULATIVE TOTAL	% OF CUMULATIVE TOTAL	SEROTYPE
EAST S. CENTRAL				WEST S. CENTRAL				MOUNTAIN								PACIFIC								
KY	TEN	ALA	MIS	ARK	LA	OKL	TEX	MON	IDA	WYO	COL	NM	ARI	UTA	NEV	WAS	ORE	CAL	ALK	HAW				
	1	1			2	1	1											8		6	39	1.3	167	1.0	*anatum*
				1	1		1														11	0.4	48	0.3	*bareilly*
	2	2			1											1		5		1	66	2.1	488	2.8	*blockley*
																1				1	13	0.4	58	0.3	*braenderup*
1	1				1		3											4		4	34	1.1	148	0.9	*bredeney*
																		2			11	0.4	62	0.4	*chester*
																					5	0.2	18	0.1	*cholerae-suis v kun*
					1													3			9	0.3	96	0.6	*cubana*
1					3		1						2			2		11		7	59	1.9	362	2.1	*derby*
3		3	1	1			9	1	3		1			1		4	2	16		1	324	10.5	1,642	9.4	*enteritidis*
					1		2											1		1	10	0.3	51	0.3	*give*
	8	1			2	1	11	3	2		3		5	2		1	1	21		2	177	5.7	1,291	7.4	*heidelberg*
	1						1														18	0.6	85	0.5	*indiana*
	4	3			1		2	1					1	1			1	16		1	100	3.2	864	5.0	*infantis*
	3						1											10			42	1.4	274	1.6	*java*
	5			5	9		16						5				1	3			88	2.9	262	1.5	*javiana*
					1													2			11	0.4	133	0.8	*litchfield*
																					—	—	18	0.1	*livingstone*
1		1			1						1							5		1	24	0.8	249	1.4	*manhattan*
																					15	0.5	38	0.2	*miami*
	1				1		1														7	0.2	52	0.3	*mississippi*
	1	1					4											13		1	60	1.9	301	1.7	*montevideo*
		2			3		2									1		2			39	1.3	199	1.1	*muenchen*
													1					1			9	0.3	31	0.2	*newington*
	4	1	1	22	23	1	29	1		2			5			2	2	39		8	258	8.4	1,222	7.0	*newport*
1	2	1		1	1	2	3	1			1							1			50	1.6	279	1.6	*oranienburg*
1		1		1	1		2				1			1				5		18	35	1.1	161	0.9	*panama*
5								1		2								3			26	0.8	142	0.8	*paratyphi B*
															1	1	3	2			10	0.3	110	0.6	*reading*
	2	1			5		2	2	1					1		3	2	6		4	155	5.0	838	4.8	*saint-paul*
	1																1	3			11	0.4	196	1.1	*san-diego*
																					7	0.2	43	0.2	*schwarzengrund*
					3		1											2			9	0.3	49	0.3	*senftenberg*
													1				1				7	0.2	39	0.2	*tennessee*
	6	3				2	4		2		2			1		6	2	9		1	128	4.1	744	4.3	*thompson*
2	7			6	1		3			2						1		20			75	2.4	388	2.2	*typhi*
5	11	8		10	7	3	29	4	1		6		6	3		6	13	69	1	19	674	21.8	4,121	23.7	*typhimurium*
	3				3												2				50	1.6	227	1.3	*typhimurium v cop*
																				8	8	0.3	66	0.4	*weltevreden*
	1												1					1		1	5	0.2	41	0.2	*worthington*
20	64	29	2	47	72	10	128	14	9	6	15	—	27	10	1	29	31	283	1	85	2,679	86.8	15,603	89.7	TOTAL
2	4	3	15	15	5	—	51	—	1	—	—	28	9	—	—	4	4	26	5	8	408		1,799		ALL OTHER*
22	**68**	**32**	**17**	**62**	**77**	**10**	**179**	**14**	**10**	**6**	**15**	**28**	**36**	**10**	**1**	**33**	**35**	**309**	**6**	**93**	**3,087**		**17,402**		**TOTAL**

TABLE II. OTHER SALMONELLAE REPORTED FROM HUMAN SOURCES, SEPTEMBER, 1970

SEROTYPE	REPORTING CENTER																								
	ALA	ALK	ARI	ARK	CAL	CON	DEL	DC	FLA	GA	HAW	IDA	ILL	IND	KAN	KY	LA	MD	MAS	MIC	MIN	MIS	MO	NEB	NH	NJ
aberdeen																										1
agona					1	1																				
alachua													1													
albany										1																
arechavaleta									1																	
atlanta										1																
babelsberg									1																	
berta			4										1	1		1	1		1							
binza						1																				
bovis-morbificans																		1	15							
california										2			1				1									
carrau																										
cerro					2				1																	
charity																										
cholerae-suis																										
christiansborg																										1
concord																										
drypool										3																
dublin					2																					
eastbourne					1																					
eimsbuettel																					1					
gallinarum																										
gaminara					1																					
glostrup							1																			
goettingen																										
habana													1													
hartford									1														1			
ibadan				1																						
inverness									1																	
irumu																							3			
jamaica				1																						
johannesburg					2								1					1								
kentucky			2		1																					
kottbus				1									2						1							
lexington					1																					1
lindenburg																										
loma-linda					1																					
lomita																										
london																		2								
luciana			1																							
manchester									1																	
maracaibo					1																					
meleagridis											6															
minnesota					1					1																
molade									2																	
muenster										1	1															2
norwich													1		1	1										1
ohio																										
oslo					2						1															
pensacola	2																									
poona		3	1		2				2								1									1
potsdam																										
pullorum																										
ramat-gan										1																
rubislaw				1					2								1		1							
saphra																										
siegburg					2				1								1									
simsbury																										
stanley													1													
sundsvall			1																							
tallahassee									3																	
thomasville																										
urbana					2				1	1									1	1						
virchow					2																					
TOTAL	2	3	9	4	24	2	1	—	17	11	8	—	9	1	1	2	5	4	19	1	1	—	4	—	—	7
NOT TYPED*	1	2	—	11	2	—	—	7	2	—	—	1	—	1	—	—	—	—	3	2	1	15	—	6	12	—
TOTAL	**3**	**5**	**9**	**15**	**26**	**2**	**1**	**7**	**19**	**11**	**8**	**1**	**9**	**2**	**1**	**2**	**5**	**4**	**22**	**3**	**2**	**15**	**4**	**6**	**12**	**7**

*See Table V-A

TABLE II – Continued

REPORTING CENTER																	TOTAL	CUMULATIVE TOTAL	SEROTYPE
NM	NYA	NYB	NYC	NC	OHI	ORE	PA	RI	SC	SD	TEN	TEX	VT	VA	WAS	WIS			
																	1	1	*aberdeen*
																	2	3	*agona*
																	1	9	*alachua*
																	1	13	*albany*
																	1	1	*arechavaleta*
																	1	16	*atlanta*
																	1	1	*babelsberg*
												1		2		1	13	52	*berta*
							1										2	8	*binza*
			1				3										20	25	*bovis-morbificans*
		1		1													4	11	*california*
		2															2	5	*carrau*
							1										5	17	*cerro*
		1															1	1	*charity*
																	1	6	*cholerae-suis*
														1			1	1	*christiansborg*
																	1	4	*concord*
																	3	9	*drypool*
												1					2	6	*dublin*
																	2	4	*eastbourne*
			1			2						1					4	15	*eimsbuettel*
																	1	3	*gallinarum*
												1					2	11	*gaminara*
																	1	1	*glostrup*
			1														1	2	*goettingen*
																	1	3	*habana*
																	2	18	*hartford*
												1					2	4	*ibadan*
																	1	4	*inverness*
																	3	8	*irumu*
																	1	1	*jamaica*
			2	1							1						4	4	*johannesburg*
																	7	32	*kentucky*
																	4	13	*kottbus*
																	2	2	*lexington*
				1										1			2	3	*lindenburg*
						1											2	2	*loma-linda*
							1					4			3		8	12	*lomita*
				1			1										4	13	*london*
																	1	1	*luciana*
																	1	5	*manchester*
																	1	1	*maracaibo*
																	6	16	*meleagridis*
																	2	23	*minnesota*
																	2	4	*molade*
											1						5	19	*muenster*
				1							1						5	11	*norwich*
																	1	6	*ohio*
																	3	19	*oslo*
																	2	8	*pensacola*
											1	2		1	1		14	71	*poona*
			1										1				1	4	*potsdam*
																	2	4	*pullorum*
												3					1	1	*ramat-gan*
																	8	17	*rubislaw*
												3					3	6	*saphra*
		1										1					5	31	*siegburg*
				1													1	9	*simsbury*
																	2	11	*stanley*
																	1	1	*sundsvall*
												1					3	5	*tallahassee*
					2												1	6	*thomasville*
																	8	44	*urbana*
																	2	3	*virchow*
–	–	5	6	6	2	3	7	–	–	–	4	19	1	5	4	1	198	767	TOTAL
28	50	–	1	–	–	1	–	9	19	1	–	32	–	–	–	3	210	1032	NOT TYPED*
28	**50**	**5**	**7**	**6**	**2**	**4**	**7**	**9**	**19**	**1**	**4**	**51**	**1**	**5**	**4**	**4**	**408**	**1799**	**TOTAL**

Cumulative Totals include isolations of all serotypes (except those listed in Table I) reported this year.

TABLE III. COMMON SALMONELLAE REPORTED FROM NONHUMAN SOURCES, SEPTEMBER, 1970

SEROTYPE	DOMESTIC ANIMALS AND THEIR ENVIRONMENT							ANIMAL FEEDS			
	CHICKENS	TURKEYS	SWINE	CATTLE	HORSES	OTHER	SUBTOTAL	TANKAGE	VEGETABLE PROTEIN	OTHER	SUBTOTAL
anatum	2	8	2	3		3	18	6			6
bareilly			1				1	2		1	3
blockley	9	4			1	2	16				—
braenderup							—				—
bredeney		1					1	2			2
chester		2					2				—
cholerae-suis v kun			9			1	10				—
cubana	1			1			2	10			10
derby	2	2	3	1			8	2		2	4
enteritidis	7					2	9			1	1
give		2				1	3			1	1
heidelberg	8	36		1		1	46			2	2
indiana	1						1				—
infantis	13	2					15	2		2	4
java						1	1				—
javiana							—				—
litchfield							—				—
livingstone			1				1	3		1	4
manhattan			1				1				—
miami							—				—
mississippi							—				—
montevideo	4	1		1			6	9		1	10
muenchen						1	1				—
newington		1					1				—
newport		2	1	9		1	13				—
oranienburg	2					1	3	3		1	4
panama							—				—
paratyphi B							—				—
reading		3					3				—
saint-paul	2	16				1	19				—
san-diego		1					1				—
schwarzengrund		2					2	9		1	10
senftenberg	3	1					4	9		4	13
tennessee		5					5	60		1	61
thompson	5		1				6	1			1
typhi							—				—
typhimurium	15	11	14	53	8	24	125	1		1	2
typhimurium v cop	4		2	1		3	10				—
weltevreden							—				—
worthington	3	3					6	2			2
TOTAL	81	103	35	70	9	42	340	121	—	19	140
ALL OTHER*	11	5	4	1	1	2	24	38	—	30	68
TOTAL	92	108	39	71	10	44	364	159	—	49	208

* See Table IV

TABLE III – Continued

WILD ANIMALS AND BIRDS	REPTILES AND ENVIRONMENT	HUMAN DIETARY ITEMS						MISCELLANEOUS	TOTAL	CUMULATIVE TOTAL	SEROTYPE
		EGGS AND PRODUCTS	POULTRY	RED MEAT	DAIRY PRODUCTS	OTHER	SUBTOTAL				
		4					4		28	394	*anatum*
							–		4	36	*bareilly*
1					1		1		18	138	*blockley*
	1	4					4		5	23	*braenderup*
							–		3	104	*bredeney*
							–		2	37	*chester*
							–		10	237	*cholerae-suis v kun*
						1	1	3	16	97	*cubana*
				1			1		13	95	*derby*
	1	1					1		12	113	*enteritidis*
							–		4	27	*give*
							–	1	49	606	*heidelberg*
							–		1	47	*indiana*
		1		1			2		21	279	*infantis*
	1						–		2	26	*java*
							–		–	16	*javiana*
	2						–		2	12	*litchfield*
							–		5	47	*livingstone*
							–		1	28	*manhattan*
							–		–	8	*miami*
							–		–	3	*mississippi*
		5	11		1	3	20	1	37	259	*montevideo*
1	1						–		3	42	*muenchen*
							–		1	23	*newington*
1	2			1		2	3	1	20	163	*newport*
				4		18	22	1	30	170	*oranienburg*
							–		–	8	*panama*
							–		–	2	*paratyphi B*
1							–		4	34	*reading*
	4						–	1	24	411	*saint-paul*
							–		1	141	*san-diego*
		1	2			1	4		16	116	*schwarzengrund*
							–		17	202	*senftenberg*
							–		66	223	*tennessee*
1	1						–	1	10	233	*thompson*
							–		–	–	*typhi*
4	2						–	3	136	952	*typhimurium*
							–		10	161	*typhimurium v cop*
							–		–	–	*weltevreden*
							–		8	185	*worthington*
9	15	16	13	7	2	25	63	12	579	5698	TOTAL
2	3	7	–	–	4	3	14	2	113	1260	ALL OTHER*
11	18	23	13	7	6	28	77	14	692	6958	TOTAL

TABLE IV. OTHER SALMONELLAE REPORTED FROM NONHUMAN SOURCES, SEPTEMBER, 1970

SEROTYPE	DOMESTIC ANIMALS AND THEIR ENVIRONMENT							ANIMAL FEEDS			
	CHICKENS	TURKEYS	SWINE	CATTLE	HORSES	OTHER	SUBTOTAL	TANKAGE	VEGETABLE PROTEIN	OTHER	SUBTOTAL
agbeni							–				–
agona						1	1				–
alachua							–	1			1
babelsberg							–	1			1
binza							–	8		5	13
california		1					1				–
cerro	2						2	4			4
cholerae-suis			1				1				–
degania			1				1				–
drypool							–	4		4	8
dublin				1			1				–
eimsbuettel	1						1	4		9	13
godesberg							–	1			1
illinois							–	1			1
johannesburg							–	1			1
kentucky	1						1	2			2
lexington							–				–
london							–	1			1
manila							–	1			1
meleagridis		1					1				–
minnesota							–	1		1	2
muenster						1	1				–
ohio							–	1			1
pomona							–				–
pullorum	1	1					2				–
saka							–				–
siegburg	1		2				3	2		1	3
simsbury	2						2	1			1
taksony							–	3			3
thomasville		1					1	1		10	11
urbana							–				–
virchow							–				–
TOTAL	8	4	4	1	–	2	19	38	–	30	68
NOT TYPED*	3	1	–	–	1	–	5	–	–	–	–
TOTAL	11	5	4	1	1	2	24	38	–	30	68

* See Table V-B

TABLE IV – Continued

WILD ANIMALS AND BIRDS	REPTILES AND ENVIRONMENT	HUMAN DIETARY ITEMS						MISCELLANEOUS	TOTAL	CUMULATIVE TOTAL	SEROTYPE
		EGGS AND PRODUCTS	POULTRY	RED MEAT	DAIRY PRODUCTS	OTHER	SUBTOTAL				
1							–		1	1	*agbeni*
							–		1	1	*agona*
		6					6		7	16	*alachua*
		1					1		2	4	*babelsberg*
							–		13	39	*binza*
							–		1	29	*california*
							–		6	34	*cerro*
							–		1	13	*cholerae-suis*
	1						–		2	2	*degania*
							–		8	53	*drypool*
							–		1	54	*dublin*
							–		14	184	*eimsbuettel*
							–		1	1	*godesberg*
							–		1	2	*illinois*
							–		1	15	*johannesburg*
							–		3	70	*kentucky*
						2	2		2	13	*lexington*
							–		1	4	*london*
							–		1	5	*manila*
					4		4		5	29	*meleagridis*
							–		2	88	*minnesota*
							–		1	16	*muenster*
							–		1	10	*ohio*
	1						–		1	4	*pomona*
							–		2	48	*pullorum*
1							–		1	1	*saka*
							–		6	52	*siegburg*
							–		3	37	*simsbury*
							–		3	26	*taksony*
							–		12	59	*thomasville*
	1						–		1	24	*urbana*
						1	1		1	1	*virchow*
2	3	7	–	–	4	3	14	–	106	1132	TOTAL
–	–	–	–	–	–	–	–	2	7	128	NOT TYPED*
2	3	7	–	–	4	3	14	2	113	1260	TOTAL

TABLE V. SALMONELLAE REPORTED BY GROUP IDENTIFICATION ONLY, SEPTEMBER, 1970

A. HUMAN SOURCES

REPORTING CENTER	GROUP														TOTAL
	B	C	C1		C2	D	E		E1	F	G		R	UNK	
ALABAMA						1									1
ALASKA	1		1												2
ARKANSAS	1		1		1	6			1	1					11
CALIFORNIA														2	2
DISTRICT OF COLUMBIA	4				2									1	7
FLORIDA										1				1	2
IDAHO														1	1
INDIANA														1	1
MASSACHUSETTS	2				1										3
MICHIGAN	1													1	2
MINNESOTA														1	1
MISSISSIPPI	8		1		1	1	3				1				15
NEBRASKA	1				1	3	1								6
NEW HAMPSHIRE	7		1		1	2								1	12
NEW MEXICO	14		6		3	3	1				1				28
NEW YORK – A														50	50
NEW YORK – C														1	1
OREGON														1	1
RHODE ISLAND	2	1			3									3	9
SOUTH CAROLINA	3	1	2		2	3								8	19
SOUTH DAKOTA						1									1
TEXAS	3		6		13	2	1				1			6	32
WISCONSIN	1													2	3
TOTAL	**48**	**2**	**18**		**28**	**22**	**6**		**1**	**2**	**3**			**80**	**210**

B. NONHUMAN SOURCES

SOURCES	GROUP														TOTAL
	B	C	C1		C2	D	E		E1	F	G		R	UNK	
DOMESTIC ANIMALS AND THEIR ENVIRONMENT	2													3	5
ANIMAL FEEDS															–
WILD ANIMALS AND BIRDS															–
REPTILES AND ENVIRONMENT															–
HUMAN DIETARY ITEMS	1												1		2
MISCELLANEOUS															–
TOTAL	**3**	**–**	**–**		**–**	**–**	**–**		**–**	**–**	**–**		**1**	**3**	**7**

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Key to all disease surveillance activities are the physicians who serve as State epidemiologists. They are responsible for collecting, interpreting, and transmitting data and epidemiological information from their individual States; their contributions to this report are gratefully acknowledged. In addition, valuable contributions are made by State Laboratory Directors; we are indebted to them for their valuable support.

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