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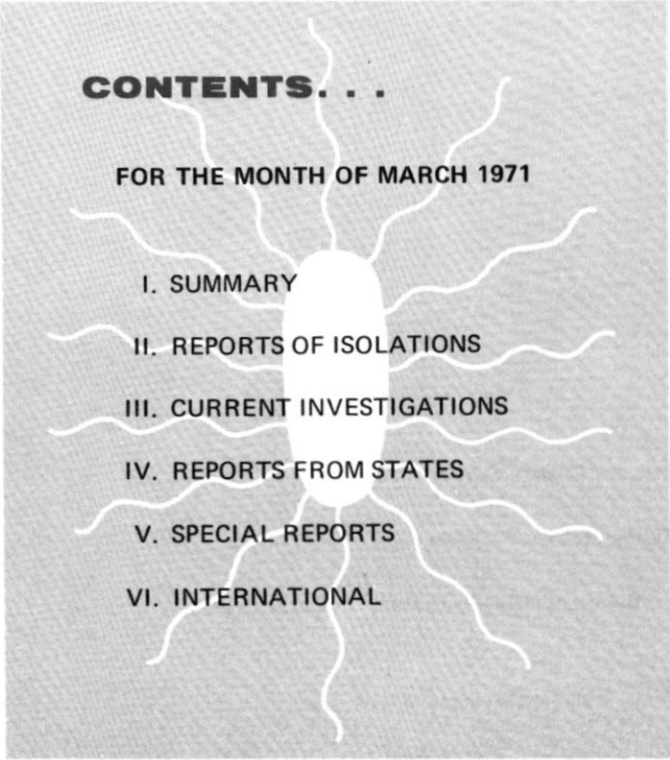
CENTER FOR DISEASE CONTROL

SALMONELLA

SURVEILLANCE

CONTENTS . . .

FOR THE MONTH OF MARCH 1971

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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 March 1971, 1,892 isolations of salmonellae were reported from humans, an average of 379 isolations per week (Tables I, II, and V-A). This number represents an increase of 7 (1.9 percent) over the weekly average of February 1971 and an increase of 44 (13.2 percent) over the weekly average of March 1970.

Reports of 1,145 nonhuman isolations of salmonellae were received during March 1971 (Tables II, IV, and V-B).

II. REPORTS OF ISOLATIONS

The ten most frequently reported serotypes during March:

HUMAN				NONHUMAN		
Serotype	Number	Percent	Rank Last Month	Serotype	Number	Percent
1 <u>typhi-murium*</u>	464	24.5	1	<u>typhi-murium*</u>	197	17.2
2 <u>enteritidis</u>	176	9.3	2	<u>heidelberg</u>	110	9.6
3 <u>heidelberg</u>	103	5.4	4	<u>saint-paul</u>	74	6.5
4 <u>infantis</u>	100	5.3	5	<u>reading</u>	56	4.9
5 <u>saint-paul</u>	82	4.3	6	<u>anatum</u>	50	4.4
6 <u>newport</u>	75	4.0	3	<u>cholerae-suis</u>		
				<u>var. kunzendorf</u>	42	3.7
7 <u>thompson</u>	61	3.2	9	<u>infantis</u>	42	3.7
8 <u>blockley</u>	57	3.0	7	<u>san-diego</u>	42	3.7
9 <u>cubana</u>	54	2.9	10	<u>montevideo</u>	41	3.6
10 <u>typhi</u>	47	2.5	>10	<u>newport</u>	40	3.5
Total	1219	64.4		Total	694	60.6
TOTAL (all serotypes)	1892			TOTAL (all serotypes)	1145	
*Includes <u>var. copenhagen</u>	41	2.2		*Includes <u>var. copenhagen</u>	28	2.4

III. CURRENT INVESTIGATIONS

None

IV. REPORTS FROM THE STATES

Reports of Salmonella Outbreaks Received during the Months of February and March

State	Month of Outbreak	Location	Serotype	Number of Persons				Deaths	Vehicle	Comment
				Ill	At Risk	With Positive Cultures	Hospi- talized			
<u>February</u>										
Montana	Jan. 1971	Restaurant	<u>S. san-diego</u>	7	31	8	0	0	Turkey	
Pennsylvania	Dec. 1970	Home	<u>S. braenderup</u>	14	16	14	10	0	Turkey	Turkey undercooked
<u>March</u>										
California	Jan. 1971	Hospital	<u>S. paratyphi. C</u>	6	?	6	-	0	Person-to-person	
Illinois	Jan. 1971	Hospital Nursery	<u>S. kottbus</u>	1	?	5	1	0	Person-to-person	Mother's milk positive for <u>S. kottbus</u>

V. SPECIAL REPORTS

Announcement of a Change in the Frequency of Salmonella Surveillance Reports

Beginning in July 1971, the Salmonella Surveillance Report will be distributed quarterly, rather than the present monthly distribution. Salmonella Surveillance Report No. 111 for the month of June 1971 will be the final monthly issue. Report No. 112 will include surveillance data for the months of July, August, and September.

This revised distribution schedule has been favorably received by the Association of State and Territorial Epidemiologists and by readers of the Salmonella Surveillance Report. One of the important decisions leading to this change is the recognition that the more common modes of salmonella transmission, such as mishandled foods, person-to-person spread, and contact with pets, seldom require immediate reporting as an adjunct to control. Quarterly publications will continue to provide timely information on current salmonellosis topics.

As in the past, outbreaks traced to or potentially due to commercial food products and other timely news items will be published weekly in the Morbidity and Mortality Weekly Reports (MMWR). Persons who desire this publication may write to the Editor, Morbidity and Mortality Weekly Report, Center for Disease Control, Atlanta, Georgia 30333.

We wish to thank those readers who sent us their comments on this change.

VI. INTERNATIONAL

None

TABLE I. COMMON SALMONELLAE REPORTED FROM HUMAN SOURCES, MARCH, 1971

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	OH	IND	ILL	MIC	WIS	MIN	IO	MO	ND	SD	NEB	KAN	DEL	MD	DC	VA	WVA	NC	SC	GA	FLA			
<i>anatum</i>				4					2					2	1				1												2				
<i>bareilly</i>													1											1											
<i>blockley</i>				4			1		6	1	3	4		1	2	1	1							2				1		13	2				
<i>braenderup</i>				2						1	1																								
<i>bredeney</i>								1	1					1										1	1				2		1				
<i>chester</i>				1						1				1													2								
<i>cholerae-suis v kun</i>													1	1																					
<i>cubana</i>			2	6				2	1		5	2		5	3	1							3	2	1		2		2	7					
<i>derby</i>				1						1	10			4	2			2						3	1						1				
<i>enteritidis</i>			1	18		7		12	18	8	24	4	1	13	7	7	1	1	1				10	9	2	3		5	5						
<i>give</i>				2		1				1					1															1	1				
<i>heidelberg</i>				4		1		3	2	4	11	6	1	7	7	2	1			1	1			5		1		6	9	5					
<i>indiana</i>										1				2	2										1	1			1						
<i>infantis</i>				5		4		4	7	2	6	3	2	7	3		2			2	1	1		2	3	4	6	3	6						
<i>java</i>						2		1	4		5			4		1	3						1						2	5					
<i>javiana</i>										2						1												1	1	10					
<i>litchfield</i>						1					1	1		6	2														1	2					
<i>livingstone</i>															1																				
<i>manhattan</i>				2				1	1		6	1		2	8	2												1		3					
<i>miami</i>																															3				
<i>mississippi</i>																																			
<i>montevideo</i>				4		3			1	4	9	4		1										5		7		1		1					
<i>muenchen</i>	2			1						2	1	1		1		1							2							3					
<i>newington</i>				1					1		1			1																					
<i>newport</i>				1		2			1	2	5	4	3	5	1	1	3	4	1				3		1						9				
<i>oranienburg</i>				1		2			1	1	1							1												4	2				
<i>panama</i>															1																				
<i>paratyphi B</i>				10								6	1		4																				
<i>reading</i>				1				1			15				1									2											
<i>saint-paul</i>				1		2			1	4	7	4	2	4	4	2	2							6	6	1	1	2	8						
<i>san-diego</i>				1												1																			
<i>schwarzengrund</i>									2	1		1	1		1		1								1										
<i>senftenberg</i>				1				1		1	1			1		1										1									
<i>tennessee</i>																																			
<i>thompson</i>				6		2			1	4	2	2		1	2	5							3	1	3	1	1	1				4			
<i>typhi</i>				1	1		1	1				2																							
<i>typhimurium</i>	1			14	1	12	1	20	15	14	22	10	5	33	17	7	7	5	4	3	2		13	1	11	6	1	10	15	22					
<i>typhimurium v cop</i>				10	1	12				2					2																				
<i>weltevreden</i>																																			
<i>worthington</i>										2				1										1											
TOTAL	3	-	3	102	3	51	3	49	62	57	140	55	16	104	70	36	21	13	13	5	4	-	39	10	56	1	29	2	39	-	63	108			
ALL OTHER*	-	4	-	10	3	2	26	6	11	3	5	2	-	13	6	3	2	2	-	-	-	1	1	-	4	4	4	-	3	-	5	6			
TOTAL	3	4	3	112	6	53	29	55	73	60	145	57	16	117	76	39	23	15	13	5	4	1	40	10	60	5	33	2	42	-	68	114			

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 87 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	1					2											2		1	20	1.1	59	1.1	<i>anatum</i>
																					2	0.1	12	0.2	<i>bareilly</i>
	1	1			2		6				1			2				4			57	3.0	139	2.6	<i>blockley</i>
																					6	0.3	30	0.6	<i>braenderup</i>
	2						2														14	0.7	43	0.8	<i>bredenev</i>
1	1																				5	0.3	24	0.4	<i>chester</i>
2		2		1		1	2				1							1			4	0.2	6	0.1	<i>cholerae-suis v kun</i>
	1				1		2											2			54	2.9	140	2.6	<i>cubana</i>
	2						4														35	1.8	112	2.1	<i>derby</i>
																2	1	8	2		176	9.3	480	8.9	<i>enteritidis</i>
1	1			1	1		1				2		2					4	7	2	8	0.4	17	0.3	<i>give</i>
					5		1														103	5.4	318	5.9	<i>heidelberg</i>
2	5	2			1		1	2	2		2					2	1	6		1	9	0.5	23	0.4	<i>indiana</i>
1					1								1				1	11			100	5.3	256	4.7	<i>infantis</i>
																					43	2.3	142	2.6	<i>java</i>
		1			1		3											1			21	1.1	64	1.2	<i>javana</i>
																					18	1.0	41	0.8	<i>litchfield</i>
3	3						3						2								6	0.3	15	0.3	<i>livingstone</i>
							2														41	2.2	107	2.0	<i>manhattan</i>
																					5	0.3	12	0.2	<i>miami</i>
					1											1		2			1	0.1	4	0.1	<i>mississippi</i>
							3											3			44	2.3	94	1.7	<i>montevideo</i>
1		1			4		2		2		2		3			2		12			21	1.1	62	1.1	<i>muenchen</i>
													1								5	0.3	11	0.2	<i>newington</i>
													3								75	4.0	269	5.0	<i>newport</i>
		2				1	3		2							2					23	1.2	80	1.5	<i>oranienburg</i>
2	1						1													4	7	0.4	30	0.6	<i>panama</i>
							2									2	3	6	1		28	1.5	56	1.0	<i>paratyphi B</i>
1	1						6		1		7					3		3	1		30	1.6	52	1.0	<i>reading</i>
																					82	4.3	257	4.8	<i>saint-paul</i>
	2							21	1									2			28	1.5	58	1.1	<i>san-diego</i>
					1		1											1			11	0.6	20	0.4	<i>schwarzengrund</i>
	2										6					1	2	3		1	23	1.2	56	1.0	<i>senftenberg</i>
																					1	0.1	12	0.2	<i>tennessee</i>
	2	2			3													14			61	3.2	156	2.9	<i>thompson</i>
2	3			1	4	1	3					1						10			47	2.5	134	2.5	<i>typhi</i>
5	21	7		2	10	2	11	3	1		7		6			4	3	62	1	6	423	22.4	1320	24.5	<i>typhimurium</i>
					9				2												41	2.2	87	1.6	<i>typhimurium v cop</i>
																					15	0.8	29	0.5	<i>weltevreden</i>
																					1	0.3	13	0.2	<i>worthington</i>
22	50	20	-	5	45	5	60	26	11	-	28	1	17	-	-	19	16	173	5	39	1699	89.8	4840	89.7	TOTAL
1	1	2	-	2	2	-	17	1	-	-	-	27	1	1	-	-	-	10	1	1	193		557		ALL OTHER*
23	51	22	-	7	47	5	77	27	11	-	28	28	18	1	-	19	16	183	6	40	1892		5397		TOTAL

TABLE II OTHER SALMONELLAE REPORTED FROM HUMAN SOURCES, MARCH, 1971

SEROTYPE	REPORTING CENTER																							
	ALA	ALK	ARI	ARK	CAL	CON	DC	FLA	GA	HAW	ILL	IOW	KAN	KY	LA	MD	MAS	MIC	MIN	MON	NEE	NH	NJ	
<i>albany</i>								1											1					1
<i>amager</i>																								1
<i>atlanta</i>									2															
<i>berta</i>						1		1							1									1
<i>binza</i>																		1						
<i>bonariensis</i>											1													
<i>bovis-morbificans</i>																1								
<i>california</i>																		1						
<i>cerro</i>										1					1									
<i>chincol</i>																								
<i>cholerae-suis</i>																								
<i>christiansborg</i>																								
<i>clifton</i>																								
<i>drypool</i>																				1				
<i>eastbourne</i>																								
<i>gallinarum</i>																								
<i>gaminara</i>	1																							
<i>glostrup</i>									1															
<i>grumpensis</i>																								
<i>habana</i>								1																
<i>inverness</i>											1													
<i>kaapstad</i>																								
<i>kentucky</i>					1				1								1							
<i>kottbus</i>					2						5										1			
<i>krefeld</i>																	1							
<i>lexington</i>					1																			
<i>lomita</i>																								
<i>london</i>																								
<i>medelia</i>																			1					
<i>meleagridis</i>											1													
<i>minnesota</i>																1		2						
<i>muenster</i>									1								2							1
<i>ohio</i>																								
<i>ordonez</i>																								
<i>oslo</i>					1						1					1	1							
<i>pensacola</i>																		1						
<i>pomona</i>																								
<i>poona</i>					2			1						1				1						
<i>rubislaw</i>			1					1										1						
<i>saphra</i>																								
<i>siegburg</i>																								
<i>simsbury</i>						1												1						
<i>stanley</i>													1											
<i>urbana</i>					2			1			1					1								
<i>willemstad</i>																								
TOTAL	1	-	1	-	9	2	-	6	5	1	10	-	1	1	2	4	8	6	2	1	-	-	3	
NOT TYPED*	1	1	-	2	1	-	4	-	-	-	3	2	-	-	-	-	2	-	-	-	1	4	-	
TOTAL	2	1	1	2	10	2	4	6	5	1	13	2	1	1	2	4	10	6	2	1	1	4	3	

* See Table V-A

TABLE II - Continued

REPORTING CENTER													TOTAL	CUMULATIVE TOTAL	SEROTYPE
NM	NYA	NYB	NYC	NC	OHI	PA	RI	TEN	TEX	UTA	VA	WIS			
													2	5	<i>albany</i>
													1	1	<i>amagar</i>
													2	4	<i>atlanta</i>
									1				5	8	<i>berta</i>
													1	2	<i>binza</i>
													1	1	<i>bonariensis</i>
													1	2	<i>bovis-morbificans</i>
													1	2	<i>california</i>
											1		2	4	<i>cerro</i>
													1	1	<i>chincol</i>
		1	2										3	5	<i>cholerae-suis</i>
				1								1	1	1	<i>christiansborg</i>
													1	1	<i>clifton</i>
									1				1	2	<i>drypool</i>
													1	3	<i>eastbourne</i>
				1		1							1	1	<i>gellinarum</i>
													2	3	<i>gaminara</i>
													1	1	<i>glostrup</i>
										1			1	1	<i>grumpensis</i>
													1	1	<i>habana</i>
							2						1	2	<i>inverness</i>
											1		2	7	<i>kaspstad</i>
												1	4	9	<i>kentucky</i>
	1	1										1	11	22	<i>kottbus</i>
							1						2	3	<i>krefeld</i>
													1	2	<i>lexington</i>
											1		1	4	<i>lomita</i>
			1									1	2	6	<i>london</i>
													1	2	<i>madelia</i>
	1												2	7	<i>meleagridis</i>
		1		1		1		1	1				7	10	<i>minnesota</i>
					1								5	9	<i>muenster</i>
		1	1										2	6	<i>ohio</i>
			1										1	1	<i>ordonez</i>
													4	11	<i>oslo</i>
													1	2	<i>pensacola</i>
													1	1	<i>pomona</i>
		1	1		1								8	23	<i>poona</i>
													3	4	<i>rubislaw</i>
									1				1	4	<i>saphra</i>
										5			5	15	<i>siegburg</i>
		1											3	4	<i>simsbury</i>
													1	2	<i>stanley</i>
						1							6	18	<i>urbana</i>
									1				1	2	<i>willemstad</i>
-	-	6	8	3	2	5	1	1	10	1	4	2	106	268	TOTAL
27	26	-	3	-	-	-	2	-	7	-	-	1	87	289	NOT TYPED*
27	26	6	11	3	2	5	3	1	17	1	4	3	193	557	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, MARCH, 1971

SEROTYPE	DOMESTIC ANIMALS AND THEIR ENVIRONMENT							ANIMAL FEEDS			
	CHICKENS	TURKEYS	SWINE	CATTLE	HORSES	OTHER	SUBTOTAL	TANKAGE	VEGETABLE PROTEIN	OTHER	SUBTOTAL
<i>anatum</i>	12	18		7	1		38	8			8
<i>bareilly</i>							—				—
<i>blockley</i>	12						12	1			1
<i>braenderup</i>							—			1	1
<i>bredeney</i>	1	5		1			7	2			2
<i>chester</i>		2					2				—
<i>cholerae-suis v kun</i>			41			1	42				—
<i>cubana</i>		1				2	3	9		1	10
<i>derby</i>	1	2	7				10	1			1
<i>enteritidis</i>	10		2	2		2	16			1	1
<i>give</i>				1			1	2			2
<i>heidelberg</i>	18	77	2	7	2	1	107	1			1
<i>indiana</i>	1	1		2			4				—
<i>infantis</i>	24	2	2		1	2	31			1	1
<i>java</i>							—				—
<i>javiana</i>						2	2				—
<i>litchfield</i>							—				—
<i>livingstone</i>					1		1				—
<i>manhattan</i>	8						8	1			1
<i>miami</i>							—				—
<i>mississippi</i>							—				—
<i>montevideo</i>	13	1	7				21	4		4	8
<i>muenchen</i>			1				1	1		1	2
<i>newington</i>		1					1	14			14
<i>newport</i>	1	3	1	27		2	34	1			1
<i>oranienburg</i>		1	1	1	4		7	9		1	10
<i>panama</i>		1					1				—
<i>paratyphi B</i>							—				—
<i>reading</i>		50					50	2		2	4
<i>saint-paul</i>	10	55	1	1		1	68	2		2	4
<i>san-diego</i>	2	32	3	2			41			1	1
<i>schwarzengrund</i>	3	19	1			2	23	3			3
<i>senftenberg</i>	4	22					26	6			6
<i>tennessee</i>	3	12					15	2			2
<i>thompson</i>	14		1	1		1	17	4		1	5
<i>typhi</i>							—				—
<i>typhimurium</i>	20	26	13	52	8	18	137				—
<i>typhimurium v cop</i>	11	1	2	5	2	2	23				—
<i>weltevreden</i>							—				—
<i>worthington</i>	17	4					21	4		1	5
TOTAL	185	336	85	109	19	36	770	77	—	17	94
ALL OTHER*	31	20	10	8	1	3	73	26	—	20	46
TOTAL	216	356	95	117	20	39	843	103	—	37	140

* 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				
	1	2			1		3	1	50	84	<i>anatum</i>
	1						—		—	2	<i>bareilly</i>
	1	2					2	1	15	39	<i>blockley</i>
							—		4	10	<i>braenderup</i>
							—		9	33	<i>bredeney</i>
		1					1		3	6	<i>cheater</i>
							—		42	66	<i>cholerae-suis v kun</i>
		3			2		5		18	35	<i>cubana</i>
							—	2	13	30	<i>derby</i>
	1		1				1		19	27	<i>enteritidis</i>
1							—		3	7	<i>give</i>
							—	1	110	154	<i>heidelberg</i>
							—		4	5	<i>indiana</i>
1	3	4	1				5	5	42	85	<i>infantis</i>
							—		4	23	<i>java</i>
1	1						—		4	5	<i>javana</i>
	1						—	1	2	6	<i>litchfield</i>
							—		1	4	<i>livingstone</i>
							—	1	10	23	<i>manhattan</i>
							—		—	—	<i>miami</i>
				1		11	12		—	—	<i>mississippi</i>
1	2	1					1		41	74	<i>montevideo</i>
							—		7	14	<i>muenchen</i>
	3						—		15	21	<i>newington</i>
						1	1	1	40	54	<i>newport</i>
1	1						—	1	20	37	<i>oranienburg</i>
		1					1		2	3	<i>panama</i>
	1						—		1	2	<i>paratyphi B</i>
	1	1					1		56	129	<i>reading</i>
1							—	1	74	113	<i>saint-paul</i>
							—		42	57	<i>san-diego</i>
							—	1	27	36	<i>schwarzengrund</i>
							1	2	35	58	<i>senftenberg</i>
							—		17	36	<i>tennessee</i>
		3					3	1	26	57	<i>thompson</i>
16	1	3	1		11		—	8	8	8	<i>typhi</i>
2							15		169	309	<i>typhimurium</i>
							—	3	28	48	<i>typhimurium v cop</i>
							—		—	—	<i>weltvedren</i>
		1					1	2	29	48	<i>worthington</i>
24	17	22	3	1	14	13	53	32	990	1748	TOTAL
3	8	15	—	—	—	3	18	7	155	317	ALL OTHER*
27	25	37	3	1	14	16	71	39	1145	2065	TOTAL

TABLE IV. OTHER SALMONELLAE REPORTED FROM NONHUMAN SOURCES, MARCH, 1971

SEROTYPE	DOMESTIC ANIMALS AND THEIR ENVIRONMENT							ANIMAL FEEDS			
	CHICKENS	TURKEYS	SWINE	CATTLE	HORSES	OTHER	SUBTOTAL	TANKAGE	VEGETABLE PROTEIN	OTHER	SUBTOTAL
<i>agona</i>	2	2					4	1		1	2
<i>alachua</i>							—			1	1
<i>albany</i>		1	1				2	1			1
<i>amsterdam</i>	1						1				—
<i>berlin</i>	2						2	1			1
<i>berta</i>							—				—
<i>binza</i>	1		1				2	1		1	2
<i>bornum</i>		2					2	1			1
<i>california</i>	5			1			6	3		2	5
<i>cerro</i>	1	1	4				6	4			4
<i>chailley</i>							—				—
<i>cholerae-suis</i>			1				1				—
<i>doncaster</i>							—				—
<i>drypool</i>		2					2			1	1
<i>dublin</i>				6			6				—
<i>eimsbuettel</i>		3	1				4	2		4	6
<i>habana</i>		4					4	3		2	5
<i>kentucky</i>	3						3	1			1
<i>kentucky v. jerusalem</i>							—			1	1
<i>kottbus</i>	1						1				—
<i>meleagridis</i>		3					3	1		1	2
<i>minnesota</i>						1	1				—
<i>muenster</i>				1			1				—
<i>nienstedten</i>							—	1			1
<i>ohio</i>	3						3				—
<i>orion</i>			1				1				—
<i>oslo</i>							—				—
<i>poona</i>							—				—
<i>pullorum</i>	1						1				—
<i>siegburg</i>	5						5	1			1
<i>simsbury</i>	1	1					2	2			2
<i>taksony</i>	1						1	2			2
<i>thomsville</i>							—			4	4
<i>urbana</i>							—				—
<i>westhampton</i>							—			2	2
<i>wil</i>							—	1			1
TOTAL	27	19	9	8	—	1	64	26	—	20	46
NOT TYPED*	4	1	1	—	1	2	9	—	—	—	—
TOTAL	31	20	10	8	1	3	73	26	—	20	46

* 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				
						3	3	2	9 1 5 1 3	9 8 6 3 3	<i>agona</i> <i>alachua</i> <i>albany</i> <i>amsterdam</i> <i>berlin</i>
1	1						1		2 4 3 11 12	3 9 8 14 17	<i>berta</i> <i>binza</i> <i>bornum</i> <i>california</i> <i>cerro</i>
								1 1	1 1 3 6	1 8 1 8 11	<i>chailey</i> <i>cholerae-pula</i> <i>doncaster</i> <i>drypool</i> <i>dublin</i>
		1 2					1 2		11 9 6 1 1	25 11 12 3 2	<i>eimsbuettel</i> <i>habana</i> <i>kentucky</i> <i>kentucky v. jerusalem</i> <i>kottbus</i>
		1					1	1	6 2 1 1 3	9 2 1 1 3	<i>meleagris</i> <i>minnesota</i> <i>muenster</i> <i>nienstedten</i> <i>ohio</i>
1 1	1 2								1 1 2 2 13	3 1 3 2 27	<i>orion</i> <i>oslo</i> <i>poona</i> <i>pullorum</i> <i>siegburg</i>
	1							2	6 3 4 1 2	8 5 15 7 2	<i>simsbury</i> <i>taksony</i> <i>thomasville</i> <i>urbana</i> <i>westhampton</i>
									1	1	<i>wil</i>
3	5	12	-	-	-	3	15	7	140	275	TOTAL
-	3	3	-	-	-	-	3	-	15	42	NOT TYPED*
3	8	15	-	-	-	3	18	7	155	317	TOTAL

TABLE V. SALMONELLAE REPORTED BY GROUP IDENTIFICATION ONLY, MARCH, 1971

A. HUMAN SOURCES

REPORTING CENTER	GROUP													TOTAL	
	B	C	C1			C2	D	E			G	R	UNK		
ALABAMA							1								1
ALASKA	1														1
ARKANSAS			2												2
CALIFORNIA	1														1
D.C.	1						1	1					1		4
ILLINOIS			1				1						1		3
IOWA		1											1		2
MASSACHUSETTS						1							1		2
NEBRASKA						1									1
NEW HAMPSHIRE	2												2		4
NEW MEXICO	13		1			3	3	5					2		27
NEW YORK - A													26		26
NEW YORK - C	1						1						1		3
RHODE ISLAND	1	1													2
TEXAS	3		1				2						1		7
WISCONSIN													1		1
TOTAL	23	2	5			5	9	6			-	-	37		87

B. NONHUMAN SOURCES

SOURCES	GROUP													TOTAL	
	B	C	C1			C2	D	E			G	R	UNK		
DOMESTIC ANIMALS AND THEIR ENVIRONMENT	2		1								1	1	4		9
ANIMAL FEEDS															-
WILD ANIMALS AND BIRDS															-
REPTILES AND ENVIRONMENT	1												2		3
HUMAN DIETARY ITEMS								3							3
MISCELLANEOUS															-
TOTAL	3	-	1			-	-	3			1	1	6		15

**STATE EPIDEMIOLOGISTS AND
STATE LABORATORY DIRECTORS**

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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