

CENTER FOR DISEASE CONTROL

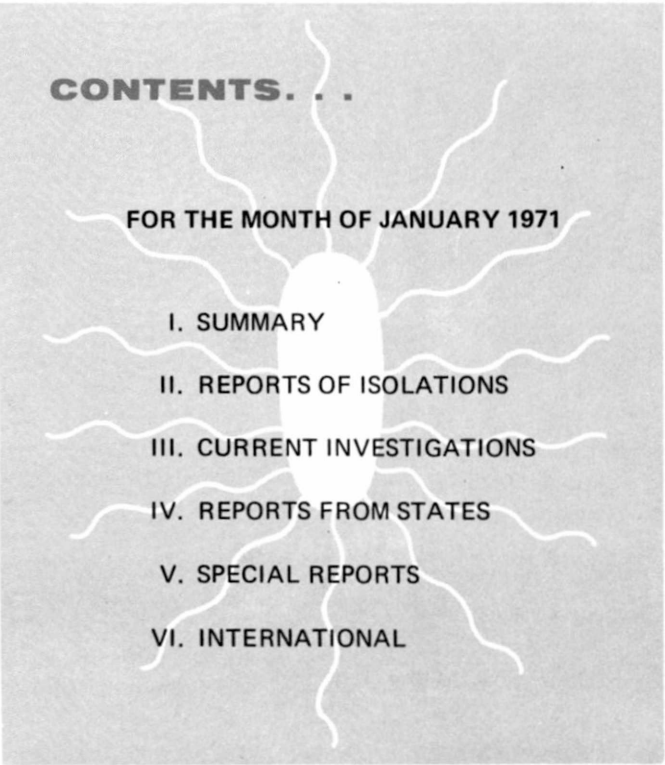
SALMONELLA

SURVEILLANCE

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FOR THE MONTH OF JANUARY 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:

Center for Disease Control
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I. SUMMARY

In January 1971, 2020 isolations of salmonellae were reported from humans, an average of 505 isolations per week (Tables I, II, and V-A). This number represents an increase of 73 (16.9 percent) over the weekly average of December 1970 and an increase of 119 (30.8 percent) over the weekly average of January 1970.

Reports of 657 nonhuman isolations of salmonellae were received during January 1971 (Tables II, IV, and V-B).

II. REPORTS OF ISOLATIONS

The ten most frequently reported serotypes during January:

HUMAN				NONHUMAN		
Serotype	Number	Percent	Rank Last Month	Serotype	Number	Percent
1 <u>typhi-murium*</u>	538	26.6	1	<u>typhi-murium*</u>	103	15.7
2 <u>enteritidis</u>	159	7.9	2	<u>reading</u>	40	6.1
3 <u>heidelberg</u>	140	6.9	4	<u>saint-paul</u>	36	5.5
4 <u>newport</u>	114	5.6	3	<u>infantis</u>	35	5.3
5 <u>saint-paul</u>	112	5.5	6	<u>heidelberg</u>	33	5.0
6 <u>infantis</u>	87	4.3	5	<u>anatum</u>	31	4.7
7 <u>thompson</u>	55	2.7	8	<u>thompson</u>	25	3.8
8 <u>typhi</u>	55	2.7	>10	<u>cholerae-suis</u>		
				<u>var. kunzendorf</u>	24	3.7
9 <u>java</u>	54	2.7	7	<u>blockley</u>	23	3.5
10 <u>cubana</u>	52	2.6	>10	<u>montevideo</u>	21	3.2
				<u>senftenberg</u>	21	3.2
Total	1366	67.6		Total	392	59.7
TOTAL (all serotypes)	2020			TOTAL (all serotypes)	657	
*Includes <u>var.</u> <u>copenhagen</u>	24	1.2		*Includes <u>var.</u> <u>copenhagen</u>	19	2.9

III. CURRENT INVESTIGATIONS

None.

IV. REPORTS FROM THE STATES

Reports of Salmonella Outbreaks received during the months of December and January

State	Month of Outbreak	Location	Serotype	Number of Persons				Deaths	Vehicle	Comment
				Ill	At Risk	With Positive Cultures	Hospitalized			
<u>December</u>										
New York	Nov. 1970	Hospital Nursery	<u>S. newington</u>	2	136	3	-	0	Person-to-person	
Rhode Island	Oct. 1970	Hospital Pediatric Ward	<u>S. blockley</u>	5	30	6	-	0	Person-to-person	
Tennessee	Dec. 1970	Restaurant	<u>S. typhi-murium</u>	600	~2500	40	30	0	Barbecued pork and turkey	*
Pennsylvania	Dec. 1970	Home	<u>S. enteritidis</u>	15	20	2	?	0	Lemon meringue pie	**
<u>January</u>										
New Jersey	Nov. 1970	Hospital	<u>S. infantis</u>	10	?	10	-	0	Person-to-person	
Oklahoma	Jan. 1971	Hospital Nursery	<u>S. chester</u>	5	?	5	-	1	Person-to-person	
Wisconsin	Nov. 1970	Community	<u>S. typhi</u>	6	?	6	6	0	?	
Missouri	Nov. 1970	Hospital Psychiatric Ward	<u>S. oranienburg</u>	9	28	6	-	0	Probably Person-to-person	
Tennessee	Dec. 1970	Factory	<u>S. typhi-murium</u>	144	165	15	1	0	Turkey	
* <u>S. typhi-murium</u> isolated from raw pork										
** Cracked eggs used to prepare meringue										

V. SPECIAL REPORTS

Announcement of a Course on Methods for the Isolation of Salmonellae from Food Products and Animal Feeds

The Epidemiology Program and the Laboratory Division of the Center for Disease Control will conduct a course on methods for isolating salmonellae from food products and animal feeds on June 14-25, 1971. The prerequisite for the course is 6 months' experience in either a bacteriology or quality control laboratory. The course is divided equally between lectures and laboratory exercises. Lectures include epidemiology, sampling, and principles of isolation and identification. Laboratory exercises include all necessary steps in the isolation and the preliminary biochemical and serologic identification of salmonellae from various foods and feeds, such as eggs, dry milk, candy, red meats, poultry, animal by-products, and fish meal.

State, Federal, and industry personnel may obtain application forms through:

Laboratory Training Section
Laboratory Division
Center for Disease Control
Atlanta, Georgia 30333

There is no charge for the course, but enrollment is limited to 20 students. There are still a few vacancies for anyone interested in taking the course.

VI. INTERNATIONAL

None.

TABLE 1. COMMON SALMONELLAE REPORTED FROM HUMAN SOURCES, JANUARY, 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	IOW	MO	ND	SD	NEB	KAN	DEL	MD	DC	VA	WVA	NC	SC	GA	FLA
<i>anatum</i>				1				1		1		1	2																	1	6	
<i>bareilly</i>																										1						
<i>blockley</i>				3		1		1		2	3	1		3	1		1		1										1			6
<i>braenderup</i>				2						14	1														1							
<i>bredeney</i>								1						4	1	2									2							3
<i>chester</i>						1										3																
<i>cholerae-suis v kun</i>																																
<i>cubana</i>				8		1				3	4	1	1	2	2	2	1	1						1		3		2		3	6	
<i>derby</i>				1				1	1		7			3	5			1	1					2						2	4	
<i>enteritidis</i>	1		14				6	20	6	10	6	2	16	4	3	3	1	1			1	5	1	6	3	3	3	4	4	10		
<i>give</i>				1																									1			
<i>heidelberg</i>				7				2	8	2	10	4	5	14	8	8	2		4					1		5		1	3	13		
<i>indiana</i>											1																			5		
<i>infantis</i>				5		2		1	1	5	3	3		5	5	1	1		5	1			1	6	1		3		2	4		
<i>java</i>				1				5	3	9	14			3		4			4		1											
<i>javiana</i>																		1												3	22	
<i>litchfield</i>						1			1		2					1										1				1	4	
<i>livingstone</i>																																
<i>manhattan</i>				1				2	4	1	4	3		5	5									1						2		
<i>miami</i>																														2	4	
<i>mississippi</i>																															2	
<i>montevideo</i>				2					2		3								1					3		3			1	4		
<i>muenchen</i>	1			1				1				1		1	3			1					1		1		1	2	1	6		
<i>newington</i>									1																							
<i>newport</i>				1		1		3	5	1	3	2		14	4	2	3	1	1					1		1	1	1	4	28		
<i>oranienburg</i>				1		12			2	1	3			1	1																8	
<i>panama</i>				1					1		2			1			1		1					1				1				
<i>paratyphi B</i>												2			3									1						1		
<i>reading</i>				2										1	1						2						3					
<i>saint-paul</i>	1			6				1	10	3	13	6	3	6	3	9	5		1					2				3	1	13		
<i>san-diego</i>	1								7					1	3									1					1			
<i>schwarzengrund</i>				1						1	1			1						1						1		1				
<i>sentenberg</i>				1					1	3				1				2						1	1		1				2	
<i>tennessee</i>										1				1	1																	
<i>thompson</i>				1		2			1	1	5	6		3	2	4			1	1			4	1		1			1	2		
<i>typhi</i>		1		5		3	2	2	1			4			1	3									3		1	1	2	2	7	
<i>typhimurium</i>	1			9	4	10		22	15	6	31	15	5	41	12	12	5		12		3		11	1	15	1	7	1	14	17	39	
<i>typhimurium v cop</i>				2		5				2				5															4			
<i>weltevreden</i>																																
<i>worthington</i>												1																				1
TOTAL	4	2	-	77	4	39	2	48	84	40	137	60	17	128	70	54	23	4	37	3	7	1	22	3	50	2	29	5	38	1	58	192
ALL OTHER*	-	2	-	3	1	1	18	4	9	1	8	3	-	12	-	2	1	-	1	-	1	-	-	2	4	8	1	-	5	-	7	17
TOTAL	4	4	-	80	5	40	20	52	93	41	145	63	17	140	70	56	24	4	38	3	8	1	22	5	54	10	30	5	43	1	65	209

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 84 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		4				2			1				1		1	17	0.8	17	0.8	<i>anatum</i>
					2		4				1			1				5		1	7	0.3	7	0.3	<i>bareilly</i>
	1																				37	1.8	37	1.8	<i>blockley</i>
							1	1			1										19	0.9	19	0.9	<i>braenderup</i>
																		1			18	0.9	18	0.9	<i>bredenev</i>
1						8											1	1			15	0.7	15	0.7	<i>chester</i>
	1	1			1		4	1			2		1								—	—	—	—	<i>cholerae-suis v kun</i>
							6											1			52	2.6	52	2.6	<i>cubana</i>
	1	5		1	1	1	1		2		11					2	1			9	44	2.2	44	2.2	<i>derby</i>
																		7			159	7.9	159	7.9	<i>enteritidis</i>
	5				1		9	3			3		3	2			2	12		3	140	6.9	140	6.9	<i>give</i>
																					7	0.3	7	0.3	<i>heidelberg</i>
	2	1			5		8		1							1		9		1	87	4.3	87	4.3	<i>indiana</i>
	3				2													4		1	54	2.7	54	2.7	<i>infantis</i>
				1	1		5											1	2		36	1.8	36	1.8	<i>javana</i>
																					11	0.5	11	0.5	<i>litchfield</i>
	3															2		8			—	—	—	—	<i>livingstone</i>
																					41	2.0	41	2.0	<i>manhattan</i>
																					6	0.3	6	0.3	<i>miami</i>
		1																			3	0.1	3	0.1	<i>mississippi</i>
		2			1		2							1						4	27	1.3	27	1.3	<i>montevideo</i>
					1									1							25	1.2	25	1.2	<i>muenchen</i>
	5				7		12				2		3							1	2	0.1	2	0.1	<i>newington</i>
																					114	5.6	114	5.6	<i>newport</i>
	1	1				1	1						2					6			41	2.0	41	2.0	<i>oranienburg</i>
							2											1		4	16	0.8	16	0.8	<i>panama</i>
							4														12	0.6	12	0.6	<i>paratyphi B</i>
	2				1		3									3		4			16	0.8	16	0.8	<i>reading</i>
																	1	17		2	112	5.5	112	5.5	<i>saint-paul</i>
	4																	1	3	1	23	1.1	23	1.1	<i>san-diego</i>
																					6	0.3	6	0.3	<i>schwarzengrund</i>
							1									1		1		1	17	0.8	17	0.8	<i>senftenberg</i>
											1			3							3	0.1	3	0.1	<i>tennessee</i>
	1				2															4	55	2.7	55	2.7	<i>thompson</i>
1					2	1	2		1			1	1								55	2.7	55	2.7	<i>typhi</i>
6	81	4		1	5	3	17	2	1		4		5	3		2	4	52		15	514	25.4	514	25.4	<i>typhimurium</i>
	2				1				1						1						24	1.2	24	1.2	<i>typhimurium v cop</i>
																					8	0.4	8	0.4	<i>weltevreden</i>
							1														3	0.1	3	0.1	<i>worthington</i>
9	116	10	—	3	33	16	86	7	6	—	27	1	19	11	1	12	12	164	—	55	1829	90.5	1829	90.5	TOTAL
1	1	1	13	—	3	—	27	—	—	—	1	10	2	—	—	—	—	14	5	3	191		191		ALL OTHER*
10	117	11	13	3	36	16	113	7	6	—	28	11	21	11	1	12	12	178	5	58	2020		2020		TOTAL

TABLE II. OTHER SALMONELLAE REPORTED FROM HUMAN SOURCES, JANUARY, 1971

SEROTYPE	REPORTING CENTER																						
	ALA	ALK	ARI	CAL	COL	CON	DEL	DC	FLA	GA	HAW	ILL	KY	LA	MD	MAS	MIN	MIS	MO	NH	NJ	NM	NYA
<i>abony</i>				1																			
<i>agona</i>				1																			
<i>alachua</i>															1								
<i>albany</i>														1									
<i>amsterdam</i>				1																			
<i>atlanta</i>										2													
<i>berta</i>							1									1							
<i>binza</i>									1														
<i>bovis-morbificans</i>															1								
<i>brandenburg</i>				1	1																		
<i>bristol</i>									3														
<i>california</i>				1																			
<i>carrau</i>														1									
<i>cerro</i>									1														
<i>cholerae-suis</i>										2													
<i>claibornei</i>												1											
<i>coleypark</i>												1											
<i>concord</i>																							
<i>drypool</i>																							
<i>dublin</i>				1																			
<i>eastbourne</i>																							
<i>gaminara</i>																							
<i>hartford</i>									2														
<i>inverness</i>												1											
<i>kaapstad</i>																							
<i>kentucky</i>			1																				
<i>kottbus</i>												1	1										
<i>lexington</i>																					1		
<i>lomita</i>												1											
<i>london</i>															2								
<i>meleagridis</i>				1							1												
<i>minnesota</i>																							
<i>mission</i>	1																						
<i>molade</i>									1														
<i>muenster</i>									2					1									
<i>norwich</i>																	1						
<i>ohio</i>				1					1										1				
<i>oslo</i>											1												
<i>paratyphi A</i>				1																			
<i>pensacola</i>										1													
<i>poona</i>			1						2	1	1	2											
<i>rubislaw</i>																							
<i>saphra</i>																							
<i>siegburg</i>									1							1							
<i>simsbury</i>							1																
<i>tallahassee</i>									1														
<i>thomasville</i>												1											
<i>urbana</i>				2					1			1											
<i>willemstad</i>																							
TOTAL	1	—	2	11	1	—	2	—	16	6	3	9	1	3	4	2	1	—	1	—	1	—	—
NOT TYPED*	—	5	—	2	—	1	—	8	1	1	—	3	—	—	—	1	—	13	—	2	—	10	18
TOTAL	1	5	2	13	1	1	2	8	17	7	3	12	1	3	4	3	1	13	1	2	1	10	18

*See Table V-A

TABLE II - Continued

REPORTING CENTER												TOTAL	CUMULATIVE TOTAL	SEROTYPE	
NYB	NYC	NC	OHI	PA	RI	SD	TEN	TEX	VA	WIS					
													1	1	<i>abony</i>
													1	1	<i>agona</i>
													1	1	<i>alachua</i>
													1	1	<i>albany</i>
													1	1	<i>amsterdam</i>
													2	2	<i>atlanta</i>
													2	2	<i>berta</i>
													1	1	<i>binza</i>
													1	1	<i>bovis-morbificans</i>
													2	2	<i>brandenburg</i>
													3	3	<i>bristol</i>
													1	1	<i>california</i>
		1											2	2	<i>carrau</i>
													1	1	<i>cerro</i>
													2	2	<i>cholerae-suis</i>
													1	1	<i>claibornei</i>
													1	1	<i>coleypark</i>
										1			1	1	<i>concord</i>
													1	1	<i>drypool</i>
													1	1	<i>dublin</i>
													1	1	<i>eastbourne</i>
												1	1	1	<i>gaminara</i>
													2	2	<i>hartford</i>
													1	1	<i>inverness</i>
					4								4	4	<i>kaapstad</i>
1													2	2	<i>kentucky</i>
		1											7	7	<i>kottbus</i>
		2											1	1	<i>lexington</i>
												1	2	2	<i>lomita</i>
													3	3	<i>london</i>
													4	4	<i>meleagridis</i>
													1	1	<i>minnesota</i>
													1	1	<i>mission</i>
													1	1	<i>molade</i>
		1											4	4	<i>muenster</i>
													1	1	<i>norwich</i>
													4	4	<i>ohio</i>
													1	1	<i>oslo</i>
													1	1	<i>paratyphi A</i>
													1	1	<i>pensacola</i>
2													9	9	<i>poona</i>
													1	1	<i>rubislaw</i>
													3	3	<i>saphra</i>
													4	7	<i>siegburg</i>
		1											7	7	<i>simsbury</i>
													1	1	<i>tallahassee</i>
													1	1	<i>thomasville</i>
													7	7	<i>urbana</i>
		2											1	1	<i>willemstad</i>
													1	1	
3	4	4	3	8	-	1	-	13	1	-			101	101	TOTAL
1	5	1	-	-	1	-	1	14	-	2			90	90	NOT TYPED*
4	9	5	3	8	1	1	1	27	1	2			191	191	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, JANUARY, 1971

SEROTYPE	DOMESTIC ANIMALS AND THEIR ENVIRONMENT							ANIMAL FEEDS			
	CHICKENS	TURKEYS	SWINE	CATTLE	HORSES	OTHER	SUBTOTAL	TANKAGE	VEGETABLE PROTEIN	OTHER	SUBTOTAL
<i>anatum</i>	6	13	1	1			21	8			8
<i>bareilly</i>							—				—
<i>blockley</i>	18						18				—
<i>braenderup</i>	1						1				—
<i>bredeney</i>	4	5					9	7		1	8
<i>chester</i>		2					2				—
<i>cholerae-suis v kun</i>			24				24				—
<i>cubana</i>						1	1	7			7
<i>derby</i>		6	1				7	3			3
<i>enteritidis</i>	1		1			2	4				—
<i>give</i>							—	1		1	2
<i>heidelberg</i>	9	17	1		1		28	2			2
<i>indiana</i>							—	1			1
<i>infantis</i>	16	3	1			2	22	4			4
<i>java</i>							—				—
<i>javiana</i>	1						1				—
<i>litchfield</i>	1						1				—
<i>livingstone</i>	1						1				—
<i>manhattan</i>	1	2					3				—
<i>miami</i>							—				—
<i>mississippi</i>							—				—
<i>montevideo</i>	7					1	8	10		1	11
<i>muenchen</i>	2	1					3				—
<i>newington</i>		2					2	1		2	3
<i>newport</i>		1		2			3				—
<i>oranienburg</i>						1	1	7			7
<i>panama</i>				1			1				—
<i>paratyphi B</i>							—				—
<i>reading</i>	1	38					39				—
<i>saint-paul</i>	3	26	2		1	1	33	1		2	3
<i>san-diego</i>		7		1			8	1			1
<i>schwarzengrund</i>							—	1			1
<i>senftenberg</i>	4	7					11	6		2	8
<i>tennessee</i>							—	9		1	10
<i>thompson</i>	20					1	21				—
<i>typhi</i>							—				—
<i>typhimurium</i>	11	15	4	35		8	73	3			3
<i>typhimurium v cop</i>	10			5		3	18				—
<i>weltevreden</i>							—				—
<i>worthington</i>	10	3					13	2			2
TOTAL	127	148	35	45	2	20	377	74	—	10	84
ALL OTHER*	21	15	6	3	—	2	47	40	—	7	47
TOTAL	148	163	41	48	2	22	424	114	—	17	131

* 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		1	1	1	2		31	31	<i>anatum</i>
					1		1		1	1	<i>bareilly</i>
						1	1	4	23	23	<i>blockley</i>
							1		2	2	<i>braenderup</i>
					1		1		18	18	<i>bredenev</i>
		1					-		2	2	<i>chester</i>
							-		24	24	<i>cholerae-suis v kun</i>
							-		8	8	<i>cubana</i>
							1		11	11	<i>derby</i>
							-		4	4	<i>enteritidis</i>
		1	1	1			-		2	2	<i>give</i>
	10						3		33	33	<i>heidelberg</i>
							-		1	1	<i>indiana</i>
		1					1	8	35	35	<i>infantis</i>
							-		10	10	<i>java</i>
	2						-		1	1	<i>javana</i>
							-		3	3	<i>litchfield</i>
							-		1	1	<i>livingstone</i>
							-		3	3	<i>manhattan</i>
							-		-	-	<i>miami</i>
	2						-		-	-	<i>mississippi</i>
	3						-		21	21	<i>montevideo</i>
							-		6	6	<i>muenchen</i>
1	3					2	2	1	6	6	<i>newington</i>
							-		9	9	<i>newport</i>
							-		8	8	<i>oranienburg</i>
							-		1	1	<i>panama</i>
							-		-	-	<i>paratyphi B</i>
						1	1		40	40	<i>reading</i>
							-		36	36	<i>saint-paul</i>
	1		1				-	1	11	11	<i>san-diego</i>
							1		2	2	<i>schwarzengrund</i>
	5				1		1	1	21	21	<i>senftenberg</i>
							-		15	15	<i>tennessee</i>
		1				2	3	1	25	25	<i>thompson</i>
2	1	1		3			-		-	-	<i>typhi</i>
						1	5		84	84	<i>typhimurium</i>
							-	1	19	19	<i>typhimurium v cop</i>
							-		-	-	<i>weltvedren</i>
					1		1		16	16	<i>worthington</i>
3	27	5	2	5	4	9	25	17	533	533	TOTAL
-	8	1	-	1	3	6	11	11	124	124	ALL OTHER*
3	35	6	2	6	7	15	36	28	657	657	TOTAL

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

SEROTYPE	DOMESTIC ANIMALS AND THEIR ENVIRONMENT							ANIMAL FEEDS			
	CHICKENS	TURKEYS	SWINE	CATTLE	HORSES	OTHER	SUBTOTAL	TANKAGE	VEGETABLE PROTEIN	OTHER	SUBTOTAL
<i>alachua</i>							—	6			6
<i>amager</i>	5						5				—
<i>amsterdam</i>							—	1			1
<i>binza</i>	1						1	4			4
<i>bornum</i>		4					4				—
<i>california</i>	1						1	2			2
<i>cerro</i>							—			1	1
<i>cholerae-suis</i>			4				4				—
<i>decatur</i>			1				1				—
<i>drypool</i>							—	3		2	5
<i>dublin</i>				3			3				—
<i>eimsbuettel</i>	2	4					6	2		1	3
<i>gera</i>							—				—
<i>good</i>						1	1				—
<i>grumpensis</i>							—	1			1
<i>illinois</i>							—	1			1
<i>kentucky</i>	2						2	1		1	2
<i>kentucky v. jerusalem</i>		1					1		1		1
<i>kottbus</i>	1						1				—
<i>lexington</i>	1						1				—
<i>london</i>						1	1				—
<i>madella</i>							—	3			3
<i>manila</i>							—	2			2
<i>matopeni</i>							—				—
<i>meleagridis</i>		3					3				—
<i>mgulani</i>							—				—
<i>orion</i>	1						1				—
<i>poona</i>							—				—
<i>saphra</i>							—				—
<i>siegburg</i>	3						3	5		1	6
<i>simsbury</i>	2						2				—
<i>taksony</i>			1				1	1			1
<i>thomasville</i>		2					2	6			6
<i>urbana</i>							—				—
TOTAL	19	14	6	3	—	2	44	38	—	7	45
NOT TYPED*	2	1	—	—	—	—	3	2	—	—	2
TOTAL	21	15	6	3	—	2	47	40	—	7	47

* See Table V-B

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

A. HUMAN SOURCES

REPORTING CENTER	GROUP														TOTAL	
	A	B		C	C1	C2		D	E		F	G		O		UNK
ALASKA		4			1											5
CALIFORNIA					1										1	2
CONNECTICUT		1														1
D.C.	1	2						1							4	8
FLORIDA															1	1
GEORGIA								1								1
ILLINOIS		2													1	3
MASSACHUSETTS															1	1
MISSISSIPPI		8				2		2							1	13
NEW HAMPSHIRE														1	1	2
NEW MEXICO		4				2						3			1	10
NEW YORK-A															18	18
NEW YORK-B1		1														1
NEW YORK-C				4											1	5
NORTH CAROLINA		1														1
RHODE ISLAND		1														1
TENNESSEE					1	1		2	1		1				1	1
TEXAS		6													2	14
WISCONSIN	1	1														2
TOTAL	2	31		4	3	5		6	1		1	3		1	33	90

B. NONHUMAN SOURCES

SOURCES	GROUP														TOTAL		
	A	B		C	C1	C2		D	E		F	G		O		UNK	
DOMESTIC ANIMALS AND THEIR ENVIRONMENT		2														1	3
ANIMAL FEEDS					2												2
WILD ANIMALS AND BIRDS																	-
REPTILES AND ENVIRONMENT	1															2	3
HUMAN DIETARY ITEMS																1	1
MISCELLANEOUS	6					1		1				1					9
TOTAL	7	2		-	2	1		1	-		-	1		-	4	18	

**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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