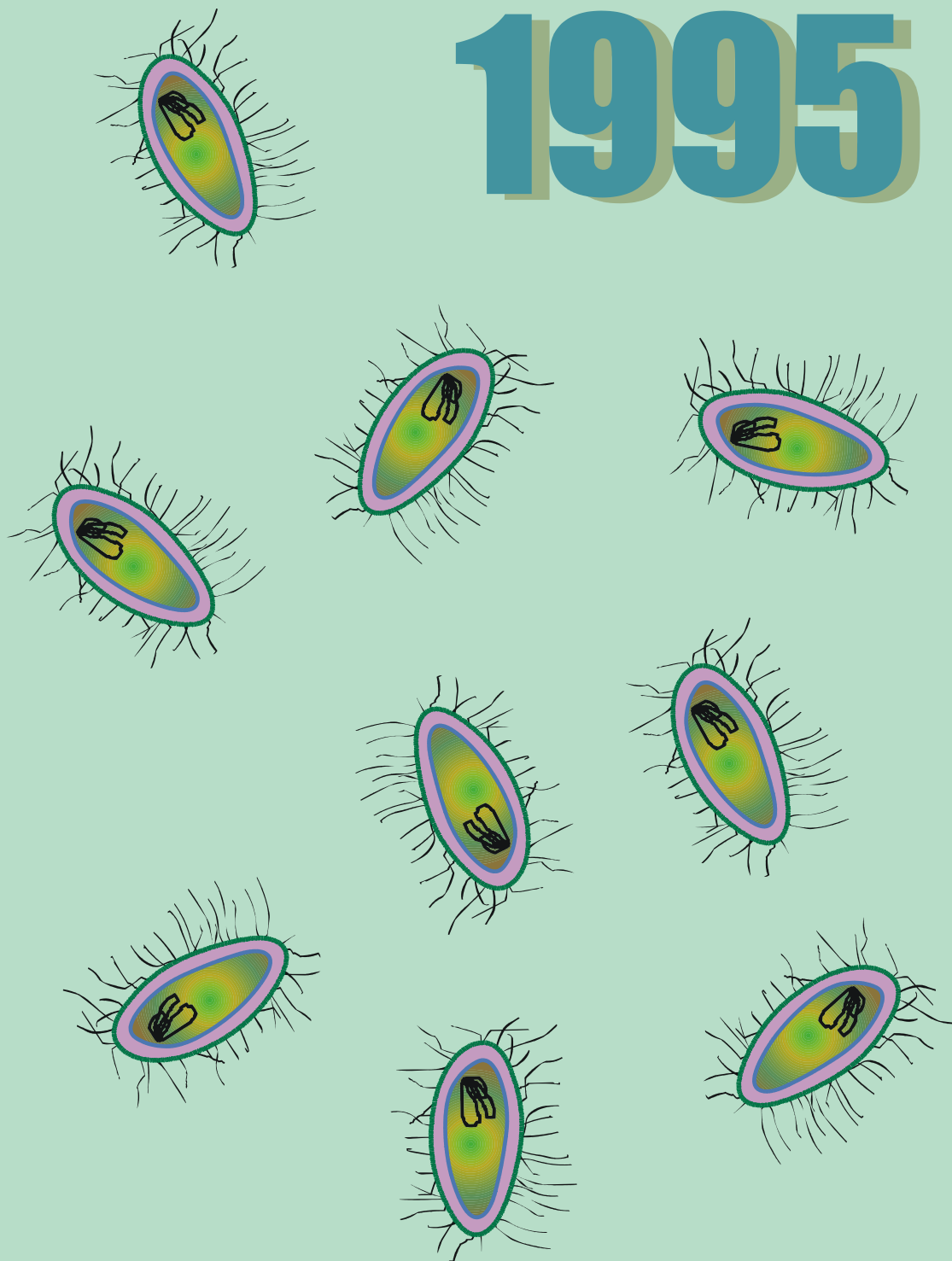


Salmonella

Annual Summary

1995



Department of Health and Human Services
Centers for Disease Control and Prevention
National Center for Infectious Diseases
Division of Bacterial and Mycotic Diseases
Foodborne and Diarrheal Diseases Branch
Atlanta, GA 30333



Laboratory Confirmed *Salmonella* Surveillance Annual Summary, 1995

The Annual Summary Tabulation contains surveillance data on reported laboratory-confirmed *Salmonella* isolates in the United States for 1995. The National *Salmonella* Surveillance System collects reports of isolates of *Salmonella* from human sources from every state in the United States. This information is reported through the Public Health Laboratory Information System (PHLIS), an electronic reporting system, by the State Public Health Laboratory Directors and State and Territorial Epidemiologists to the Foodborne and Diarrheal Diseases Branch and the Biostatistics and Information Management Branch of the Division of Bacterial and Mycotic Diseases in the National Center for Infectious Diseases.

The number of isolates reported by geographical area (e.g. state) represents the state where laboratory confirmation was performed; in some instances the reporting state is not the same as the state of residence of the person from whom the isolate was obtained. For *Salmonella* serotype *Typhi*, only the first isolation in a year for each person is counted. For the Annual Summary, duplicate records are deleted.

The PDF version of this document can be viewed online at www.cdc.gov/ncidod/dbmd/phlisdata. Further information concerning the data described in this report can be obtained by contacting the Foodborne and Diarrheal Diseases Branch (404) 639-2206. For further information concerning PHLIS please contact the Biostatistics and Information Management Branch (404) 639-1364.

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TABLE 1
THE 20 MOST FREQUENTLY REPORTED SALMONELLA SEROTYPES
FROM HUMAN SOURCES REPORTED TO CDC IN 1995 AND FROM
NONHUMAN SOURCES REPORTED TO CDC AND USDA IN 1995

HUMAN 1995				NONHUMAN 1995			
RANK	SEROTYPE	NUMBER	PERCENT	RANK	SEROTYPE	NUMBER	PERCENT
1	ENTERITIDIS	10201	24.7	1	ENTERITIDIS	3596	17.1
2	TYPHIMURIUM *	9702	23.5	2	TYPHIMURIUM *	3505	16.7
3	NEWPORT	2566	6.2	3	HEIDELBERG	2299	10.9
4	HEIDELBERG	2095	5.1	4	DERBY	918	4.4
5	HADAR	812	2.0	5	KENTUCKY	832	4.0
6	JAVIANA	758	1.8	6	BRANDENBURG	772	3.7
7	MUENCHEN	754	1.8	7	HADAR	767	3.7
8	MONTEVIDEO	685	1.7	8	MONTEVIDEO	701	3.3
9	AGONA	683	1.7	9	CHOLERAESUIS **	614	2.9
10	THOMPSON	625	1.5	10	MUENSTER	560	2.7
11	ORANIENBURG	595	1.4	11	AGONA	557	2.7
12	BRAENDERUP	588	1.4	12	SENFENBERG	485	2.3
13	POONA	531	1.3	13	ANATUM	373	1.8
14	INFANTIS	521	1.3	14	BREDENEY	358	1.7
15	STANLEY	481	1.2	15	SCHWARZENGRUND	348	1.7
16	SAINTPAUL	467	1.1	16	MBANDAKA	323	1.5
17	TYPHI	442	1.1	17	NEWPORT	257	1.2
18	BERTA	367	0.9	18	BRAENDERUP	214	1.0
19	BRANDENBURG	284	0.7	19	DUBLIN	197	0.9
20	JAVA	268	0.7	20	ISTANBUL	196	0.9
SUB TOTAL		33425	81.1			17872	85.1
TOTAL		41222				21008	

* TYPHIMURIUM INCLUDES VAR. COPENHAGEN

** CHOLERAESUIS INCLUDES VAR. KUNZENDORF

TABLE 2
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY AGE AND SEX, 1995

	SEX			TOTAL
	FEMALE	MALE	UNKNOWN	
AGEGROUP				
< 1 YR	2098	2317	242	4657
1 TO 4 YRS	2816	3092	259	6167
5 TO 9 YRS	1272	1530	103	2905
10 TO 19 YRS	1471	1737	127	3335
20 TO 29 YRS	2378	2150	201	4729
30 TO 39 YRS	2372	2270	186	4828
40 TO 49 YRS	1661	1446	126	3233
50 TO 59 YRS	1246	924	90	2260
60 TO 69 YRS	1082	693	72	1847
70 TO 79 YRS	1015	584	76	1675
80+ YEARS	748	382	62	1192
UNKNOWN AGE	1561	1517	1316	4394
TOTAL	19720	18642	2860	41222

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SERO TYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
AARHUS							1	4	13	6		24
ABA	1						1					2
ABAEETETUBA	1	2		1	2	5	3	1	2	10	10	37
ABERDEEN	6	6	3	6	5	2	3	3	5	1	5	45
ABONY	2	3	1	5	12	3	4	2	3	6	9	50
ABORTUSBOVIS				1						1		2
ADELAIDE	102	111	94	76	62	64	61	96	74	110	98	948
ADIME		1										1
AFRICANA			1									1
AGAMA	4					1	1	1		4	3	14
AGBENI		3	1	4		1	2	3	1	3	5	23
AGEGE					1							1
AGO		1									1	2
AGONA	1248	986	1152	1121	925	980	1006	750	651	753	683	10255
AGQUEVE					1			1		2	2	6
AHMADI							1					1
AJIOBO									1			1
ALABAMA	1		5	7	2	1		3		1	1	21
ALACHUA	53	130	133	69	47	48	16	28	55	70	52	701
ALAGBON					1							1
ALAMO		1	1						2		1	5

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SERO TYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
ALBANY	31	45	61	47	56	42	23	24	30	29	49	437
ALBERT						1				2	1	4
ALBUQUERQUE					1				1			2
ALGER				1								1
ALLANDALE			1									1
ALTENDORF							1					1
ALTONA							1			1		2
AMAGER	3	2	4		1	1	1	3	2		6	23
AMERSFOORT								1				1
AMSTERDAM	5	7	1	7	15	4	2	3	3	4	11	62
ANATUM	299	246	261	266	228	285	232	158	194	146	174	2489
ANECHO	2			1	2	5	1	1	2		2	16
ANK										1		1
ANTONIO						1	1					2
ANTSALOVA										1	2	3
APAPA		1										1
AQUA		1					1	1	1		3	7
ARDWICK		1										1
ARECHAVELETA	4	5	1	1	1		5	4	1	4	6	32
ARGENTINA								1				1
ARKANSAS	1	2	6	3	6	12	6	1				37

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
SEROTYPE												
ASHANTI							1					1
ASSEN					1	2						3
ASSINIE									1			1
AUGUSTENBORG	1				1	2	2		1			7
AUSTIN			1									1
AVIGNON						1				1		2
AZTECA				1	1	1			1			4
BABELSBERG						1						1
BAGUIDA									1			1
BAHRENFELD									1			1
BAILDON	1	1		1	2		1	1	1	1	14	23
BALL						1						1
BANANA							1	1	1			3
BARAGWANATH		1										1
BARDO	7	28	27	32	24	33	11	4	8	8	1	183
BAREILLY	109	149	124	152	148	111	117	94	105	83	109	1301
BAZENHEID				1								1
BELEM	1						3	1				5
BELFAST							1					1
BENFICA						1					2	3
BENIN										1		1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SERO TYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
BERE	22	2		6			3	1	1	2	1	38
BERGEDORF				2								2
BERKELEY		1		1								2
BERLIN									1			1
BERN			1	1								2
BERTA	127	252	516	497	653	487	419	333	401	399	367	4451
BIETRI	2			2								4
BINZA	3	2	1	3		2	5	1	1	2	1	21
BIRKENHEAD		2		2						2		6
BLEADON			2									2
BLEGDAM	11	3	6		1	2	5	2	6	6		42
BLOCKLEY	321	326	442	476	262	147	132	86	89	76	55	2412
BONAIRE			1		1	1		1	1		1	6
BONAMES						2						2
BONARIENSIS	5	7	2	1	4		9	4	6		5	43
BONGOR											1	1
BONN			1	2	2	2				7	4	18
BORBECK											1	1
BORNUM	1							1				2
BOVISMORBIFICANS	55	35	65	46	73	40	36	26	35	40	25	476
BRADFORD	3	4	1	4	2	1	2	54	44	35	12	162

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
SEROTYPE												
BRAENDERUP	342	633	566	636	745	758	411	477	381	426	588	5963
BRANCASTER	1											1
BRANDENBURG	181	144	195	186	195	176	161	188	257	259	284	2226
BRAZIL							1		2		1	4
BRAZOS	1											1
BRAZZAVILLE			1				1					2
BREDA									1			1
BREDENEY	166	160	133	117	99	87	75	57	49	44	57	1044
BREFET									1			1
BREZANY										1		1
BRIKAMA									1			1
BRON		1								2	2	5
BRONX										1		1
BROUGHTON	2	2		1							2	7
BRUNEI						1	1					2
BUDAPEST									1		1	2
BUKURU				1								1
BURGAS							1					1
BURUNDI											1	1
BUTANTAN	2			1								3
BUZU										1	3	4

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
SEROTYPE												
CALIFORNIA	5	2	9	2		1	6	2	4	2	1	34
CAMBRIDGE				1	1						1	3
CANADA	1		1		1							3
CANASTEL			1			1						2
CANOGA	1	1	1	1		1	2	28	1			36
CARMEL											1	1
CARNO						1						1
CARRAU	5	7	1	2	1	9	6	5	9	9	12	66
CARSWELL							1	1				2
CERRO	230	170	204	139	117	115	102	99	57	62	74	1369
CHAILEY		3		2	2	4	2		1		6	20
CHAMELEON		2	3	1	1	1	2	3	9	9	12	43
CHAMPAIGN						1				1	1	3
CHANDANS	1									1		2
CHARITY						1	1		1			3
CHARLOTTENBURG							1					1
CHESTER	74	54	33	42	22	369	27	30	23	21	34	729
CHICAGO									1	1		2
CHICHIRI	1											1
CHINCOL		1				1	1	1	2			6
CHITTAGONG					2							2

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SERO TYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
CHOLERAESUIS	42	37	41	57	50	39	40	35	50	53	50	494
CHOLERAESUIS VAR KUN	42	27	41	49	42	34	42	56	36	18	25	412
CLACKAMAS		1	2	1		3		1		1	1	10
CLAIBORNEI							1					1
CLERKENWELL						1						1
CLEVELAND	7	15	7									29
COELN	4	5	4	4	2	3	5	1	4	2	2	36
COLEYPARK					2	1		2				5
COLINDALE	1	1	1	2		1				5	2	13
COLORADO							1	1	1	1	1	5
CONCORD	7		1		1	1	1			1	4	16
CORVALLIS			1		1	1	1	1	2		1	8
COTHAM										1		1
CREMIEU			2									2
CUBANA	9	13	18	26	20	21	29	32	32	61	44	305
CURACAO		1		2	1		1		1	1		7
DAKOTA				1								1
DAYTONA		4	6	1	2	2	3	1	5	3	3	30
DECATUR						1	3		1	1		6
DEGANIA	1										1	2
DEMERARA			3									3

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SERO TYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
DENVER	3	4	5	2	6	2	4	1	9	2	5	43
DERBY	305	364	412	340	289	268	184	199	170	144	213	2888
DESSAU					2	2						4
DIBRA				1								1
DJAKARTA			1						2			3
DJUGU	2	1	1		1	2	3	2		4	1	17
DOBA										1	1	2
DOULASSAME							1					1
DRIFFIELD				1								1
DROGANA								3		1	3	7
DRYPOOL	13	12	9	15	8	5	7		4	4	8	85
DUBLIN	158	137	86	92	121	103	106	100	90	65	81	1139
DUESSELDORF	16	13	21	8	13	14	10	6	19	12	13	145
DUGBE		1								1		2
DUISBURG					1	1	1	1			2	6
DUMFRIES						1						1
DURBAN	3	1	5	4	7		5	2	4	11	3	45
DURHAM					2		5	3	1	5	6	22
DUVAL	2							1	2		1	6
EALING	2		1				4	2	2	8	24	43
EASTBOURNE	5	4	5	15	11	2	11	5	8	13	10	89

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SERO TYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
ECHA			1									1
EDINBURG		5	1	5	14	1	4		1	3	4	38
EDMONTON						1						1
EILBECK											1	1
EIMSBUETTEL		1	1	1	2							5
EKO	1	2	1			1	4	2				11
EKPOUI							1		1			2
EMEK		4	6	2	2	4	7	7	4	3	6	45
EMMASTAD			1	1								2
ENSCHEDÉ								1				1
ENTEBBE		1						1		2		4
ENTERITIDIS	5657	6036	7052	7063	8466	8734	7755	6578	8071	9866	10201	85479
ENUGU											1	1
EPPENDORF						1			1	1		3
ERLANGEN							1					1
ESCANABA			2	1								3
ESSEN	1	1	6	1	1	1	3	3		3		20
FALKENSEE			1	1		1	1			1	2	7
FARMSÉN	1						1	1		3	2	8
FAYED											1	1
FERRUCH		8			1							9

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

		YEAR												TOTAL	
		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995			
SEROTYPE															1
	FINKENWERDER								1						1
	FISCHERKIEZ								1						1
	FLINT			3	2	7			5	29	20	30	32	39	167
	FLORIDA	1	6	2	2	1	2		3	9		5	3	2	34
	FORTLAMY													2	2
	FREFALLS													2	2
	FREIBURG		1									1			2
	FREMANTLE													1	1
	FRESNO												1	1	2
	FYRIS		1	4	3	2		3	1						14
	GALIEMA				1	1			3						5
	GALIL	1												1	2
	GALLINARUM	1		1		1		1	1						5
	GAMBIA													1	1
	GAMINARA	40	23	44	41	43	41		50	38	37	38	45		440
GARBA								1						1	
GAROLI								1		1				2	
GATESHEAD										3				3	
GATINEAU		2												2	
GATOW	3		2	3	1	2		1	2	1			1	16	
GATUNI	1	4	2	7	4	6		3	2	6	3	1		39	

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
SEROTYPE												
GEORGIA			1			2				1	2	6
GERA							1	1				2
GIVE	60	68	98	82	86	94	143	123	101	95	101	1051
GLOSTRUP	12	19	15	14	16	26	17	78	42	13	31	283
GLOUCESTER									2	3	2	7
GODESBERG						1			1		1	3
GOERLITZ	1											1
GOETTINGEN	1		1	1		1	2	2	1			9
GOLDCOAST	1					1					1	3
GOMBE						1						1
GOODWOOD						1						1
GROUP 51								1				1
GROUP 53										2	1	3
GROUP 54											1	1
GROUP 58									3		3	6
GROUP 59									1	2		3
GROUP 60										3	2	5
GROUP 61								2	9	11	17	39
GROUP 64									1			1
GROUP 65										1	2	3
GROUP A	2	2	9	3	4	13	6	1	1	7	4	52

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SERO TYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
GROUP B	413	566	508	624	434	495	370	475	539	563	601	5588
GROUP C1	84	101	134	200	151	168	112	124	110	137	108	1429
GROUP C2	66	111	96	150	116	99	60	107	163	201	111	1280
GROUP D1	98	224	183	221	211	209	155	202	280	257	182	2222
GROUP D2						1		1			1	3
GROUP E1	9	12	13	13	18	20	13	13	7	29	20	167
GROUP E2					1		1					2
GROUP E3	13	1										14
GROUP E4		1		1	3	2	1	2	2	3	2	17
GROUP F	2	2		1	1		2	7	2	8	3	28
GROUP G	7	4	13	52	23	17	9	7	22	34	73	261
GROUP G4			1									1
GROUP H		1	1	10	2	1	2	1	3	2	2	25
GROUP I	1			2		1	2	3	2	12	5	28
GROUP J									2		1	3
GROUP K	2	1		1			2	6	1	2	3	18
GROUP L	2							1		3	2	8
GROUP N								1	1			2
GROUP O		1		2	1	1	2			3	2	12
GROUP P				1			1		11	4	4	21
GROUP Q	1										1	2

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
SEROTYPE												
GROUP R		1						4	2	1	2	10
GROUP S									3	5	5	13
GROUP U	2								2	2	3	9
GROUP V			1	1				2	1	6	15	26
GROUP W								2	13	24	15	54
GROUP X								2	1	1	1	5
GROUP Y								6	14	14	15	49
GROUP Z								5	16	18	18	57
GRUMPENSIS		1	2	1	1	2	1		3	1	3	15
GUARAPIRANGA						1						1
HAARDT	115	96	146	77	75	49	22	10	13	10	16	629
HADAR	1211	1582	2233	2442	2007	1837	1970	1532	1298	1001	812	17925
HADDON											1	1
HAELSINGBORG								1	1			2
HAGENBECK								2			1	3
HAIFA	6	3	1	4	3	8	4	2	4	2	2	39
HALMSTAD						1		1		3		5
HAMBURG		2	11	56	16	7	2				4	98
HANDEN		1										1
HARMELEN	1											1
HARRISONBURG						1						1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SERO TYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
HARTFORD	48	64	55	58	49	56	130	71	100	90	164	885
HATO			6	2	2	15				1	1	27
HAVANA	65	71	249	68	80	57	56	49	53	38	57	843
HEERLEN										1		1
HEIDELBERG	5325	5841	6017	5167	4722	3955	2972	2528	2457	1825	2095	42904
HEILBRON	2							3	1			6
HERSTON			1					1	1			3
HIDALGO	1	1			2				1	1		6
HIDUDDIFY		1	2				4			1		8
HINDMARSH	1		4			3	1	1	1		2	13
HISSAR				1								1
HOLCOMB						2	1					3
HORSHAM		2	2	1		1	1	1				8
HOUTEN	1	3	2	3	4	3	2	5	3	7	3	36
HULL		1				1			1	1	3	7
HVITTINGFOSS	5	9	17	11	10	10	11	22	20	14	15	144
HYDRA						1						1
IBADAN	10	8	12	14	7	19	21	20	13	24	46	194
IDIKAN							5	6	6	2		19
ILLINOIS					1		1					2
INCHPARK										1		1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
SEROTYPE												
INDIA							1	1				2
INDIANA	64	76	71	94	78	48	36	24	18	25	24	558
INFANTIS	1154	1176	1193	1003	908	753	580	499	568	520	521	8875
INGANDA	2	1	3	1				1				8
INPRAW								1				1
INVERNESS	12	12	36	17	25	16	15	32	20	21	37	243
IPSWICH							1				1	2
IRCHEL											1	1
IRUMU	3	1	8	2	6	2	1	7	39	45	31	145
ISANGI	1			2	5	1	2				3	14
ISLINGTON										1		1
ISRAEL								1				1
ISTANBUL	27	27	37	29	26	21	5	13	12	7	10	214
ITAMI				2	2		2			1		7
ITURI		2						1	5	2	4	14
JACKSONVILLE					3							3
JAFFNA									1	2		3
JAMAICA	1	1	4				2	2	1	2	6	19
JANGWANI			1	1			5	2	6	3	10	28
JAVA	107	108	149	205	193	120	148	156	176	172	268	1802
JAVIANA	347	428	491	424	578	703	786	648	641	540	758	6344

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SERO TYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
JEDBURGH								1				1
JERICHO						1						1
JERUSALEM				1		1		1				3
JOHANNESBURG	20	48	83	92	61	78	108	53	63	48	74	728
JUKESTOWN								1				1
KAAPSTAD	6	2	2			4	8	3				25
KADUNA									1	1		2
KALAMU								1				1
KAMPALA						1						1
KANIFING					1		5		3			9
KAPEMBA	2											2
KEDOUGOU							1				4	5
KENTUCKY	47	42	66	61	56	47	46	31	46	42	80	564
KIAMBU	4	6	11		13	21	11	4	7	6	14	97
KIBI									1			1
KIBUSI			1			1						2
KIEL	1											1
KILWA										11	4	15
KIMBERLEY						1						1
KIMUENZA							3			2		5
KINGABWA								1	1	1	1	4

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
SEROTYPE												
KINGSTON	1	1	2	3	2		4	1	1	1		16
KINONDONI								1				1
KINSHASA	1			2	1					2	4	10
KINTAMBO		1	1		2	3	1	2	17	19	21	67
KISANGANI	1				1			1			2	5
KISARAWA									1			1
KISII							1					1
KITENGE											1	1
KODJOVI							2			1		3
KOKETIME			1	1								2
KOKOMLEMLE					5	2	2	1	2	2	2	16
KONSTANZ						1						1
KORTRIJK							1					1
KOTTBUS	125	73	40	23	7	18	21	42	27	22	49	447
KPEME									1			1
KRALENDYK						1	4	5	5	3	10	28
KREFELD	17	4	4	5	2	1	1	1	9	3	3	50
KUA								1	1	1	2	5
KUILSRIVIER						2						2
KUMASI										1		1
KURU										1		1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SERO TYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
LABADI								1		1	2	4
LAGOS	2			1	3			3	1	1	2	13
LANDWASSER									1			1
LANGENHORN	1											1
LANKA	3	13	7	7	8	6		1	1	3		49
LANSING				1		1			1			3
LAROCHELLE		2	1	3	5	2	5	2	3	4	4	31
LAWDALE			1	1					1			3
LAWRA								1				1
LEOBEN								1				1
LEOPOLDVILLE						1						1
LEXINGTON	5	5	2	4	2	5	1	3	5	3	1	36
LICHTENBERG								1				1
LILLE	3	3	6	1	1	4	2	4	3	1		28
LIMBE	1								1		1	3
LIMETE							1	1				2
LINDENBURG	18	13	14	17	12	12	12	8	11	6	9	132
LISHABI			1									1
LITCHFIELD	105	145	178	172	117	80	94	92	116	93	115	1307
LIVERPOOL				1	2	3	6	6	1		2	21
LIVINGSTONE	58	38	54	34	52	35	22	27	12	16	13	361

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SEROTYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
LOANDA			4				7	3	3			17
LOCKLEAZE								1		3	2	6
LOHBRUEGGE					1						2	3
LOMALINDA	4	3	12	8	8	5	6	10	14	15	15	100
LOME									1	2		3
LOMITA	12	8	4	2	5	5	3	1	5	1	2	48
LOMNAVA							2					2
LONDON	68	56	61	60	52	40	19	21	14	15	36	442
LOSANGELES			1									1
LOUBOMO			1									1
LOVELACE										1		1
LUCIANA	4	3	3			4	2	1		4		21
LUKE										2		2
MAARSEN									1			1
MAASTRICHT		1										1
MADELIA	13	8	4	5	5	12	8	10	3	5	8	81
MAKUMIRA										1		1
MALAKAL		1										1
MALSTATT	3				1							4
MANCHESTER		2	4		2	1						9
MANGO							1					1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SERO TYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
MANHATTAN	123	125	74	106	69	50	36	49	130	92	72	926
MANILA					1	1				1		3
MAPO								1	1		1	3
MARACATIBO				1	2							3
MARICOPA	1							1				2
MARINA	4	7		3	2	5	10	17	30	53	75	206
MARSEILLE			1									1
MARSHALL	1											1
MATADI	1					1	2		6	20	10	40
MATOPENI	2											2
MBANDAKA	175	174	209	262	190	135	206	130	167	118	154	1920
MELEAGRIDIS	24	12	15	10	6	18	25	8	15	12	30	175
MEMPHIS			1				1		2			4
MENDEN			1			1						2
MENDOZA		1		1			1	1		1		5
MENHADEN	1	2	6	8	2	4	1	5		2	5	36
MENSTON							2	2				4
MIAMI	41	52	49	21	41	28	115	70	98	126	74	715
MICHIGAN			1		1	1	1			3	8	15
MIDWAY							1	1				2
MIKAWASIMA		1	2	2	5	8	2	7	2	1	7	37

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SEROTYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
MINNEAPOLIS		1	6	5	18	6	7	4	1			48
MINNESOTA	19	20	11	13	12	22	21	19	28	13	36	214
MISSION			1	2						1		4
MISSISSIPPI	132	152	166	114	136	175	170	137	156	152	199	1689
MJIMWEMA			1									1
MOERO											2	2
MOLADE	1	2	1	5		1	1	1	1	1		14
MONO										1	1	2
MONS						2	1					3
MONSCHAUI	1		2	3	5	6	2	9	8	9	9	54
MONTEVIDEO	738	805	1074	788	794	928	868	559	789	631	685	8659
MOREHEAD								1	1	1	2	5
MOROTAI						1						1
MOSCOW						2	1	15				18
MOUNTPLEASANT											1	1
MOWANJUM										1		1
MPOUTO										1		1
MUENCHEN	597	711	566	511	451	464	506	449	657	559	754	6225
MUENSTER	109	103	87	65	51	86	68	47	69	100	87	872
MUNDSBURG							1					1
NAESTVED			1									1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SERO TYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
NAGOYA										1		1
NAMIBIA						1						1
NANCY			1									1
NAPOLI		1					1					2
NARASHINO									1		1	2
NCHANGA	1	1		1								3
NDOLO									1			1
NEGEV										1	1	2
NEUDORF			1						1			2
NEUBRUNSWICK	9	16	7	11	17	22	8	8	5	3	20	126
NEWHAW	1	1		2	2						4	10
NEWINGTON	29	17	18	12	21	14	26	25	15	13	17	207
NEWMEXICO	1	2	9		2	1		1	3	2		21
NEWPORT	2729	2660	3214	2901	2111	1802	1818	1481	1487	1673	2566	24442
NEWROCHELLE	2		1								2	5
NGILI										1		1
NIAKHAR			1					1				2
NIENSTEDTEN	2		3	1	1		3		1	2		13
NIGERIA				1								1
NIMA		8	1			1				1	1	12
NITRA					1							1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
SEROTYPE												
NOORDHOEK											1	1
NORWICH	44	46	49	49	49	58	32	41	59	98	51	576
NOTTINGHAM			1				2	1	1	3	3	11
OAKLAND		1		1	2	3	2	2	3	4	1	19
OBOGU	1		3									4
OCHIOGU									1			1
OCHSENZOLL										1		1
OERLIKON										1		1
OFFA			1					2	1			4
OHIO	279	262	267	281	153	166	132	161	132	101	105	2039
OKATIE									1		1	2
OLDENBURG				1					1			2
OMDERMAN	1											1
ONARIMON				1								1
ONDERSTEPOORT				2	1						1	4
ONIREKE						1				1	1	3
ONTARIO									2			2
ORANIENBURG	523	509	517	632	572	501	655	597	522	602	595	6225
ORDONEZ				1								1
ORIENTALIS			1								2	3
ORION	4	6	6	2	5	1		4	3	1	1	33

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SERO TYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
ORITAMERIN	1	1		1		1	3	1				8
OSLO	12	18	20	24	8	16	11	14	19	14	13	169
OTHMARSCHEN	2			1	4		6			4	2	19
OUAKAM			2		1			2	7	2	4	18
UDWIJK		1										1
OVERSCHIE									1		3	4
OYONNAX							1					1
PAKISTAN	1		3	4	5	1	2		1			17
PANAMA	258	254	195	264	266	304	236	185	173	163	173	2471
PAPUANA		1						1			1	3
PARATYPHI A	71	55	66	86	69	69	76	80	53	79	86	790
PARATYPHI B	86	108	67	126	114	89	101	110	208	228	241	1478
PARATYPHI C		4	2	2	5	2	1	2	1	2	2	23
PARERA		1		1				2	2	4	7	17
PARIS	1					1						2
PENSACOLA	5	2	2	6	4	4	7		8	3	11	52
PHARR						1	1					2
PHOENIX		2	2	1	8	5	1		8	3	9	39
PLYMOUTH		1					1	1			1	4
POANO		1							1	2	2	12
POMONA	3	5		2	6	4	10	9	7	6	23	75

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

SERO TYPE	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
POONA	225	85	108	124	199	126	788	218	295	376	531	3075
PORTLAND			3	1	1	1			2			8
PORTSMOUTH		3	1		2	6	1	1	1	3	1	19
POTSDAM	2	7	5	10	14	6	7	8	8	6	5	78
PRAHA				1			3	2	1	3	1	11
PRESTON		1					1		1			3
PULLORUM				1	1	1						3
PUTTEN	1		2	1		1	4	1	1	1	8	20
QUIMBAMBA											3	3
QUINIELA					1	1	1	1		2		6
RAMATGAN					1					1		2
RAUS	3	3	8			1	2	2		1	2	22
READING	163	76	118	128	231	397	396	430	363	257	197	2756
REDLANDS							1	1				2
REGENT											2	2
REMO	1		2	3	1				2		1	10
RHODESIENSE					1	2						3
RHONE						1						1
RICHMOND	2	4	3	1	6	4	6	4	4	3	7	44
RIED				1								1
RIOGRANDE	1	1		1	1		1	1			1	7

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
SEROTYPE												
RISSEN		1		3				4	6	10	4	28
ROMANBY									1		5	6
RODEPOORT			2									2
ROSENTHAL	1											1
ROSTOCK	1				2							3
ROTERBERG					2				1	1	1	5
ROVANIEMI							1					1
RUBISLAW	48	55	46	50	58	65	83	67	58	77	83	690
RUIRU				1				1				2
SADA							1					1
SAINTPAUL	461	597	521	650	509	558	439	529	380	479	467	5590
SAKA			3					3				6
SALINATIS	1	4	2	3	3		2	2		1	3	21
SANDIEGO	78	86	73	95	71	88	105	100	92	82	117	987
SANDOW								3	1	2		6
SANGALKAM					1		1					2
SANGERA			1							2	1	4
SANJUAN		1			2	1						4
SANTIAGO								2			1	3
SAPHRA	10	13	23	8	15	8	10	7	1	6	11	112
SCHLEISSHEIM	1		1	1	5	2	3	3		1	5	22

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
SEROTYPE												
SCHWARZENGRUND	150	121	156	136	137	110	108	145	169	167	162	1561
SELANDIA				1				1				2
SEMINOLE											1	1
SENDAI			1						3		1	5
SENEGAL						1						1
SENFTENBERG	119	188	200	154	119	131	140	150	126	130	91	1548
SEREMBAN		1		1					2			4
SHARON											1	1
SHIPLEY			1			2						3
SHUBRA		2	3	1		6	5	2	3	3	9	34
SIEGBURG	13	12	21	2								48
SIMI											2	2
SIMSBURY	1							1				2
SINGAPORE		8	8	18	10	4	5	6	4	4	4	71
SINSTORF	1			1	1	2	1	1	2	1	9	19
SKANSEN		1			1						1	3
SOAHANINA						2		1	1	1	1	6
SOERENGA									2	1		3
SOESTERBERG	1		1	1					1			4
SOMONE					1		2		1	1		5
SOMBEDIOUNE										4		4

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

		YEAR												TOTAL
		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995		
SERO TYPE														
	SOUTHAMPTON				1				1				2	
STANLEY	45	64	52	58	93	109	131	136	143	217	481	1529		
STANLEYVILLE	8	1	7	13	12	13	7	13	5	5	51	135		
STELLINGEN										1	2	3		
STENDAL											1	1		
STERRENBOS										1	1	2		
STEVENAGE						1						1		
STIKLAND										1		1		
STOCKHOLM	1											1		
STRATFORD		1										1		
SUBSPECIES I						1		4	2	23	26	56		
SUBSPECIES II					2	1	12	5	10	9	7	46		
SUBSPECIES III											1	1		
SUBSPECIES IIIA	23	34	38	11	9	9	2	4	5	21	20	176		
SUBSPECIES IIIA/IIIB	52	80	60	71	53	88	47	58	33	60	37	639		
SUBSPECIES IIIB	15		25	12	6	15	16	9	19	21	26	164		
SUBSPECIES IV	1					4	7	6	5	13	31	67		
SUBSPECIES V										1	1	2		
SUBSPECIES VI											1	1		
SUNDSVALL	13	2	3	3	1	3	2	3	3	5	17	55		
SUNNYCOVE								1				1		

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
SEROTYPE												
SYDNEY											1	1
TAKORADI	1	1		2		1	3	2	2		1	13
TAKSONY		3	2		1		1		2			9
TALLAHASSEE	2	1	3	4	1	5	6	3	8	2	6	41
TAMALE										1		1
TAMBACOUNDA									2		3	5
TAMBERMA									1			1
TANANARIVE											1	1
TANGER											1	1
TARSHYNE					2							2
TEDDINGTON						1	1					2
TELAVIV											1	1
TELELKEBIR		1		1	6	2	1	5	5	8	4	33
TENNESSEE	56	62	71	236	295	158	113	98	133	156	112	1490
TEXAS		2	1	1								4
THIELALLEE	1	2	1		1							5
THOMASVILLE	2		3	2	1			4	1	2	1	16
THOMPSON	456	566	655	952	925	750	716	690	576	549	625	7460
TILBURG	1											1
TILENE										1	4	5
TOGO	1											1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR												TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995		
SEROTYPE													
TOKOIN								1			3	4	
TOUCRA										2	3	5	
TRACHAU	1							1				2	
TRAVIS					2							2	
TRIPOLI			1									1	
TRURO							1					1	
TSEVIE				1		1				1	1	4	
TSHIONGWE		1	1	1	2	2	6	2	2	3	2	22	
TUCSON			1		3	2		1	1	2	2	12	
TUDU						1						1	
TUEBINGEN		1										1	
TUINDORP				1		2			2		1	6	
TYGERBERG									1		2	3	
TYPHI	470	541	502	496	544	579	500	449	472	507	442	5502	
TYPHIMURIUM	28174	11027	10555	9716	8630	8510	8780	7720	8436	7972	9147	118667	
TYPHIMURIUM VAR COPE	143	172	164	183	276	307	215	230	307	393	555	2945	
TYPHISUIS					1							1	
TYRESOE					1							1	
UGANDA	7	12	15	21	14	11	21	23	29	19	28	200	
UGHELLI				1								1	
UMBULO				1	1							2	

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
SEROTYPE												
UNKNOWN	1241	1901	1526	2246	2365	2566	2947	2136	1649	1469	952	20998
UPPSALA		1		2	1						1	5
URBANA	8	5	20	26	15	18	15	26	52	63	72	320
USUMBURA	1											1
UZARAMO					1	1		3	1	1	5	12
VALDOSTA							1					1
VANCOUVER									1	3	1	5
VEJLE		2			3	1	1				2	9
VICTORIA	1						1	1		3	1	7
VIETNAM											1	1
VILVOORDE											1	1
VIRCHOW	91	60	116	93	96	97	64	72	57	54	60	860
VIRGINIA	6	17	42	20	28	14	5		2		7	141
VITKIN	1											1
VOLKSDORF									1	1		2
VOLKSMARSDORF					1							1
VRIDI											1	1
WANDSWORTH	1	1	1	4	2	1	2	4	1	5	14	36
WANGATA		1			1	1	1	2	1	1	1	9
WARAL										1	1	2
WARNOW	1											1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
SEROTYPE												
WASHINGTON										1	2	3
WASSENAAR	1	1	4	2	1	3	3	11	16	19	28	89
WAYCROSS		2	2	1		1	2	4	3	2		17
WAYNE						1					2	3
WELIKADE					1					1		2
WELTEVREDEN	95	82	105	98	89	65	71	68	98	86	89	946
WENTWORTH	1		1			1			1			4
WERNIGERODE				1								1
WESLACO		2	1	2			1			1	1	8
WESTERSTEDE			1									1
WESTHAMPTON	4	1	2	1	2		5		1	2	3	21
WESTON		3	1				1					5
WESTPHALIA										1		1
WICHITA										1		1
WIDEMARSH	1			2		3	1					7
WIEN			1				2	3	4	3	1	14
WILLEMSTAD	1					1			1		1	4
WINNEBA	8											8
WIPPRA	1	1	1				1			2		6
WORTHINGTON	55	57	61	80	76	66	61	56	41	44	50	647
YABA				1								1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1985-1995

	YEAR											TOTAL
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	
SEROTYPE												
YOVOKOME			3	1								4
ZAIMAN											1	1
ZANZIBAR		1		1			1		1	3	2	9
ZERIFIN						1						1
ZONGO							1					1
TOTAL	57896	43530	46359	45410	43321	42338	40443	34688	36917	37522	41222	469646

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995
----- REGION=New England -----

		STATE						TOTAL
		Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	
SERO TYPE								
	ABAETETUBA	.	.	1	.	.	.	1
	ABONY	.	1	.	.	.	.	1
	ADELAIDE	4	1	3	.	.	.	8
	AGBENI	1	.	1	.	.	.	2
	AGONA	8	3	26	1	.	1	39
	ALACHUA	.	.	9	.	.	1	10
	ALBANY	.	.	6	.	.	.	6
	AMSTERDAM	3	.	.	1	.	.	4
	ANATUM	3	.	4	2	.	.	9
	BAILDON	.	.	.	.	.	1	1
	BAREILLY	2	.	1	.	.	1	4
	BERTA	11	4	41	3	3	2	64
	BLOCKLEY	2	.	4	.	.	1	7
	BONGOR	.	.	1	.	.	.	1
	BOVISMORBIFICANS	1	.	2	.	.	.	3
	BRADFORD	.	.	.	.	5	.	5
	BRAENDERUP	10	3	41	4	.	1	59
	BRANDENBURG	10	5	35	4	.	.	54
	BREDENEY	1	.	3	.	.	.	4
	CARRAU	1	.	1	.	.	.	2

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=New England -----

	STATE						TOTAL
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	
SEROTYPE							
CERRO	1	.	2	.	.	.	3
CHAILEY	1	.	.	.	.	.	1
CHAMELEON	.	.	2	.	.	.	2
CHAMPAIGN	1	.	.	.	.	.	1
CHESTER	1	.	6	.	.	.	7
CHOLERAESUIS	.	.	3	.	.	.	3
CHOLERAESUIS VAR KUN	1	.	.	.	.	.	1
CORVALLIS	.	.	1	.	.	.	1
CUBANA	1	.	3	.	.	.	4
DERBY	1	2	3	1	.	.	7
DOBA	.	.	.	1	.	.	1
DROGANA	.	.	.	.	3	.	3
DRYPOOL	.	.	.	.	.	1	1
DUBLIN	.	.	4	.	.	.	4
DUESSELDORF	.	.	.	.	1	.	1
DUVAL	.	.	1	.	.	.	1
EALING	1	.	1	.	.	.	2
EASTBOURNE	.	.	1	.	.	.	1
EMEK	.	.	1	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=New England -----

		STATE						TOTAL
		Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	
SERO TYPE		334	38	890	49	15	19	1345
	ENTERITIDIS							
FLINT		.	.	3	.	.	.	3
FLORIDA		.	.	1	.	.	.	1
FORTLAMY		.	.	.	2	.	.	2
GAMINARA		.	1	2	1	.	.	4
GIVE		1	.	3	2	.	.	6
GLOSTRUP		.	.	.	5	.	.	5
GROUP 61		.	.	2	.	1	.	3
GROUP B		4	2	53	.	.	5	64
GROUP C1		.	.	.	.	.	2	2
GROUP C2		.	.	1	.	.	1	2
GROUP D1		2	.	3	1	.	.	6
GROUP E1		.	.	.	.	.	2	2
GROUP S		1	.	.	.	.	.	1
GROUP W		.	1	.	.	.	.	1
GROUP Y		.	.	.	1	.	.	1
GROUP Z		1	.	1	.	.	.	2
GRUMPENSIS		.	.	1	.	.	.	1
HAARDT		.	.	2	.	.	.	2
HADAR		19	1	72	.	.	1	93

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=New England

	STATE							TOTAL
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont		
SEROTYPE	.	.	.	.	.	.	3	3
HAMBURG	3	.	13	.	.	1		17
HARTFORD	1	.	3	1	.	.		5
HAVANA	31	21	83	10	16	3		164
HEIDELBERG	.	.	1	.	.	.		1
HOUTEN	1	.	1	.	.	.		2
HVITTINGFOSS	1	.	2	.	.	.		3
INDIANA	9	.	19	2	2	.		32
INFANTIS	.	1	3	.	.	.		4
IRUMU	.	2	.	.	.	3		5
JAVA	8	1	31	4	1	.		45
JAVIANA	2	.	9	.	.	.		11
JOHANNESBURG	4	.	4	1	.	.		9
KENTUCKY	.	.	1	.	.	.		1
KIAMBU	.	.	1	.	.	.		1
KINSHASA	1	.	.	.	.	.		1
KINTAMBO	.	.	1	.	.	.		1
KOTTBUS	2	.	1	.	.	1		4
KRALENDYK	1	.	.	.	.	.		1
KREFELD	.	.	.	.	1	.		1
LAGOS								

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=New England -----

	STATE						TOTAL
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	
SEROTYPE	3	1	8	.	.	.	12
LITCHFIELD	.	.	1	.	.	.	1
LIVINGSTONE	.	.	.	1	.	.	1
LOCKLEAZE	.	.	.	.	.	.	1
LOMALINDA	.	.	1	.	.	.	1
MANHATTAN	2	.	5	.	.	.	7
MAPO	.	.	.	.	1	.	1
MARINA	3	.	7	.	.	.	10
MATADI	.	.	1	.	.	.	1
MBANDAKA	4	.	8	1	.	.	13
MELEAGRIDIS	1	.	.	.	.	.	1
MIAMI	1	.	2	.	2	.	5
MISSISSIPPI	2	.	7	.	.	.	9
MONO	.	.	.	.	.	1	1
MONTEVIDEO	4	1	32	2	.	3	42
MUENCHEN	16	3	36	4	3	1	63
MUENSTER	4	.	7	2	.	.	13
NEGEV	.	.	.	.	.	1	1
NEWBRUNSWICK	.	.	9	.	.	.	9
NEWPORT	30	9	105	12	4	19	179
NORWICH	.	.	3	.	.	.	3

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995
----- REGION=New England -----

	STATE						TOTAL
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	
SEROTYPE							
OHIO	2	.	3	.	.	.	5
OKATIE	.	.	1	.	.	.	1
ORANIENBURG	10	3	41	8	1	2	65
OVERSCHIE	.	.	.	.	1	.	1
PANAMA	4	1	7	.	.	.	12
PARATYPHI A	1	.	3	.	.	.	4
PARATYPHI B	9	.	16	2	.	.	27
PENSACOLA	1	.	2	.	.	.	3
POMONA	.	.	1	.	.	.	1
POONA	6	1	34	2	2	.	45
PUTTEN	.	.	1	.	.	.	1
READING	4	.	30	2	1	.	37
RICHMOND	.	.	1	.	.	.	1
RUBISLAW	2	.	6	.	.	1	9
SAINTPAUL	4	3	15	1	.	2	25
SANDIEGO	1	.	1	1	3	1	7
SCHWARZENGRUND	4	.	16	1	.	.	21
SENFTENBERG	.	.	5	.	.	.	5
SHUBRA	1	.	.	.	.	.	1
STANLEY	2	3	19	1	1	1	27

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=New England -----

	STATE							TOTAL
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont		
SEROTYPE								
STANLEYVILLE	.	.	2	.	.	.	.	2
SUBSPECIES III	.	.	.	1	.	.	.	1
SUBSPECIES IIIA/IIIB	.	1	.	.	.	.	1	2
SUBSPECIES IIIB	.	.	1	.	.	.	.	1
TELELKEBIR	1	.	.	.	.	.	.	1
TENNESSEE	.	.	5	.	.	.	.	5
THOMPSON	9	4	49	4	.	1	.	67
TOKOIN	.	2	.	.	.	.	.	2
TSEVIE	.	.	.	1	.	.	.	1
TYPHI	3	.	34	.	2	.	.	39
TYPHIMURIUM	191	31	348	47	14	31	.	662
TYPHIMURIUM VAR COPE	.	1	185	.	.	.	.	186
UGANDA	.	.	2	.	.	.	.	2
UNKNOWN	1	4	18	1	.	5	.	29
URBANA	.	.	4	.	.	.	.	4
UZARAMO	.	.	.	1	.	.	.	1
VIRCHOW	1	.	5	.	.	.	.	6
VRIDI	.	1	.	.	.	.	.	1
WANDSWORTH	.	.	1	.	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995
----- REGION=New England -----

	STATE						TOTAL
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	
SEROTYPE							
WASSENAAR	2	.	7	.	.	.	9
WELTEVREDEN	.	.	3	.	.	.	3
WORTHINGTON	.	.	1	.	.	.	1
ZANZIBAR	.	1	.	.	.	.	1
TOTAL	820	157	2513	191	86	117	3884

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=Mid Atlantic -----

SERO TYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
ABAETETUBA	.	.	1	1
ABERDEEN	.	1	1	2
ADELAIDE	7	31	3	41
AGBENI	.	.	1	1
AGONA	40	60	23	123
AGUEVE	.	.	2	2
ALACHUA	1	13	4	18
ALBANY	4	8	1	13
ALBERT	.	1	.	1
AMAGER	.	.	1	1
AMSTERDAM	.	2	1	3
ANATUM	4	20	4	28
BAREILLY	.	3	6	9
BERE	.	1	.	1
BERTA	25	75	11	111
BINZA	.	.	1	1
BLOCKLEY	2	6	6	14
BONAIRE	.	.	1	1
BONARIENSIS	.	1	3	4
BONN	.	2	.	2

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995
----- REGION=Mid Atlantic -----

	STATE	TOTAL
SEROTYPE	New Jersey	Pennsylvania
BORBECK	.	1
BOVISMORBIFICANS	.	1
BRAENDERUP	18	24
BRANDENBURG	12	6
BREDENEY	1	5
BRON	.	1
BUZU	.	1
CARRAU	.	1
CERRO	1	3
CHAILEY	.	2
CHESTER	2	.
CHOLERAESUIS	2	6
CHOLERAESUIS VAR KUN	2	.
CUBANA	2	4
DENVER	.	1
DERBY	9	16
DRYPOOL	.	2
DUBLIN	1	.
DUESSELDORF	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=Mid Atlantic -----

SEROTYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
DURBAN	.	1	.	1
EALING	2	2	.	4
EASTBOURNE	.	2	.	2
EDINBURG	.	1	.	1
EILBECK	.	.	1	1
EMEK	.	1	.	1
ENTERITIDIS	728	1202	905	2835
FLINT	.	1	1	2
FREEFALLS	2	.	.	2
FREMANTLE	.	1	.	1
GAMINARA	1	1	.	2
GATOW	.	1	.	1
GATUNI	.	1	.	1
GIVE	3	.	7	10
GLOSTRUP	.	5	.	5
GROUP 60	.	1	.	1
GROUP 61	1	.	.	1
GROUP B	13	33	.	46
GROUP C1	5	5	.	10
GROUP C2	.	2	.	2

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995
----- REGION=Mid Atlantic -----

SEROTYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
GROUP D1	5	.	1	6
GROUP G	1	.	.	1
GROUP W	.	3	.	3
GROUP X	.	1	.	1
GROUP Y	.	3	1	4
GROUP Z	.	2	.	2
GRUMPENSIS	.	.	1	1
HAARDT	1	3	.	4
HADAR	61	131	60	252
HADDON	.	1	.	1
HARTFORD	12	13	11	36
HAVANA	1	2	3	6
HEIDELBERG	72	216	88	376
HOUTEN	.	1	.	1
HVITTINGFOSS	1	2	1	4
IBADAN	.	3	.	3
INDIANA	1	5	.	6
INFANTIS	18	46	24	88
INVERNESS	.	1	2	3
IRCHEL	.	1	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=Mid Atlantic

SERO TYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
IRUMU	.	2	.	2
ISTANBUL	1	4	.	5
JAMAICA	.	1	.	1
JAVA	16	2	23	41
JAVIANA	14	24	17	55
JOHANNESBURG	1	12	1	14
KENTUCKY	2	8	1	11
KIAMBU	1	.	.	1
KINTAMBO	.	.	3	3
KITENGE	.	.	1	1
KOKOMLEMLE	.	1	.	1
KOTTBUS	.	2	1	3
KRALENDYK	1	.	.	1
KREFELD	.	.	2	2
KUA	.	.	2	2
LABADI	.	1	1	2
LITCHFIELD	5	9	10	24
LIVINGSTONE	1	.	1	2
LOMALINDA	.	1	.	1
LONDON	2	4	1	7

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=Mid Atlantic -----

SEROTYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
MADELIA	.	.	1	1
MANHATTAN	4	11	5	20
MARINA	2	6	8	16
MATADI	1	1	1	3
MBANDAKA	3	15	10	28
MELEAGRIDIS	1	1	.	2
MIAMI	3	8	5	16
MISSISSIPPI	2	2	1	5
MONSCHAUI	1	.	3	4
MONTEVIDEO	19	35	13	67
MUENCHEN	22	42	37	101
MUENSTER	2	7	7	16
NEUBRUNSWICK	2	.	.	2
NEWPORT	36	110	229	375
NORWICH	7	2	1	10
OHIO	8	14	6	28
ORANIENBURG	17	37	18	72
OVERSCHIE	.	1	.	1
PANAMA	6	15	5	26
PARATYPHI A	1	21	6	28

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=Mid Atlantic -----

SEROTYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
PARATYPHI B	1	12	2	15
PARATYPHI C	.	1	.	1
PARERA	.	1	.	1
POANO	.	1	.	1
POMONA	1	.	1	2
POONA	12	48	37	97
POTSDAM	.	1	.	1
PRAHA	.	1	.	1
QUIMBAMBA	.	1	.	1
READING	12	13	13	38
RICHMOND	2	1	1	4
RUBISLAW	.	2	6	8
SAINTPAUL	19	32	16	67
SANDIEGO	.	8	5	13
SANGERA	1	.	.	1
SAPHRA	.	.	1	1
SCHWARZENGRUND	13	13	10	36
SENFTENBERG	5	7	1	13
SIMI	.	.	2	2
STANLEY	5	21	39	65

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995
----- REGION=Mid Atlantic -----

SEROTYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
STANLEYVILLE	5	36	3	44
STELLINGEN	.	.	1	1
SUBSPECIES I	14	4	.	18
SUBSPECIES II	2	.	.	2
SUBSPECIES IIIA	1	2	.	3
SUBSPECIES IIIB	.	3	.	3
SUBSPECIES IV	3	6	.	9
SUBSPECIES V	.	1	.	1
SUBSPECIES VI	.	1	.	1
SUNDSVALL	.	1	.	1
TALLAHASSEE	.	.	1	1
TELAVIV	.	.	1	1
TENNESSEE	4	5	3	12
THOMPSON	27	54	36	117
TOKOIN	.	1	.	1
TOUCRA	.	1	.	1
TUINDORP	.	.	1	1
TYPHI	26	87	15	128
TYPHIMURIUM	415	954	656	2025
UGANDA	2	3	2	7

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=Mid Atlantic -----

SERO TYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
UNKNOWN	2	27	.	29
URBANA	.	10	5	15
UZARAMO	.	.	1	1
VIRCHOW	.	4	1	5
VIRGINIA	.	3	.	3
WANDSWORTH	3	.	1	4
WASSENAAR	1	1	5	7
WEL TEVREDEN	1	4	4	9
WIEN	1	.	.	1
WORTHINGTON	1	11	2	14
ZAIMAN	.	1	.	1
TOTAL	1821	3837	2526	8184

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995
REGION=East North Central

SEROTYPE	STATE					TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
ABAETETUBA	1	.	.	1	.	2
ABERDEEN	.	.	2	.	.	2
ABONY	.	.	1	.	.	1
ADELAIDE	12	.	1	1	.	14
AGBENI	1	.	.	1	.	2
AGONA	50	4	31	15	10	110
ALACHUA	3	.	.	.	.	3
ALBANY	3	.	1	.	2	6
AMSTERDAM	.	1	.	.	.	1
ANATUM	14	1	4	5	6	30
ANTSALOVA	1	.	.	.	1	2
BAILDON	3	5	.	.	2	10
BAREILLY	7	2	3	4	2	18
BERTA	107	5	9	5	2	128
BLOCKLEY	.	3	1	.	.	4
BONARIENSIS	1	.	.	.	.	1
BONN	1	.	.	.	.	1
BOVISMORBIFICANS	2	.	3	2	.	7
BRADFORD	.	.	.	.	1	1
BRAENDERUP	61	13	20	18	6	118

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=East North Central

SEROTYPE	STATE					TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
BRANDENBURG	10	7	4	6	5	32
BREDENEY	2	.	1	2	1	6
BUZU	.	.	.	1	.	1
CAMBRIDGE	.	.	.	.	1	1
CARMEL	1	.	.	.	.	1
CARRAU	1	.	.	1	.	2
CERRO	1	1	.	2	2	6
CHAILEY	.	.	1	.	.	1
CHAMELEON	.	.	.	.	1	1
CHESTER	1	.	.	2	2	5
CHOLERAESUIS	12	.	4	1	3	20
CHOLERAESUIS VAR KUN	3	.	.	.	.	3
COELN	2	.	.	.	.	2
CONCORD	.	.	.	.	1	1
CUBANA	7	2	1	4	1	15
DENVER	1	.	.	.	.	1
DERBY	20	9	7	6	7	49
DRYPOOL	.	.	1	.	.	1
DUBLIN	.	.	4	.	2	6

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=East North Central

SEROTYPE	STATE					TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
DUESSELDORF	.	1	3	1	.	5
DURBAN	.	.	.	1	.	1
DURHAM	.	.	.	.	3	3
EALING	4	2	5	1	1	13
EASTBOURNE	2	.	1	.	1	4
EDINBURG	.	1	.	.	.	1
ENTERITIDIS	406	172	199	359	92	1228
FARMSSEN	.	.	.	.	2	2
FLINT	.	.	1	2	.	3
GAMINARA	1	.	.	.	1	2
GEORGIA	.	.	.	1	.	1
GIVE	3	.	1	2	5	11
GLOSTRUP	.	1	.	.	.	1
GROUP 58	.	.	1	1	.	2
GROUP 65	.	.	.	1	.	1
GROUP B	25	7	9	4	18	63
GROUP C1	3	4	.	2	1	10
GROUP C2	1	.	1	1	.	3
GROUP D1	10	2	.	3	3	18
GROUP E1	.	.	.	.	2	2

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=East North Central

SEROTYPE	STATE					TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
GROUP E4	2	.	.	.	.	2
GROUP F	.	.	.	1	.	1
GROUP G	1	.	.	3	.	4
GROUP H	.	.	.	1	.	1
GROUP I	.	.	1	.	.	1
GROUP J	.	.	1	.	.	1
GROUP P	1	.	.	.	.	1
GROUP S	.	.	.	1	.	1
GROUP V	2	.	1	.	.	3
GROUP W	1	.	.	2	.	3
GROUP Y	.	.	.	1	.	1
GROUP Z	2	.	.	1	.	3
HAARDT	1	.	1	.	.	2
HADAR	57	12	23	18	15	125
HAIFA	1	.	.	.	.	1
HARTFORD	22	6	9	6	4	47
HAVANA	.	1	3	3	1	8
HEIDELBERG	182	32	74	60	50	398
HVITTINGFOSS	1	.	.	3	.	4
IBADAN	.	.	1	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995
REGION=East North Central

SEROTYPE	STATE					TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
INDIANA	.	.	3	1	.	4
INFANTIS	40	5	18	7	5	75
INVERNESS	4	.	4	.	2	10
IPSWICH	.	.	.	1	.	1
IRUMU	1	1	1	1	.	4
ISANGI	.	.	1	1	.	2
ISTANBUL	.	.	.	.	1	1
JAVA	59	21	31	26	9	146
JAVIANA	9	10	28	29	4	80
JOHANNESBURG	11	1	2	4	.	18
KENTUCKY	2	.	6	2	.	10
KIAMBU	2	1	.	.	.	3
KINGABWA	.	.	1	.	.	1
KINTAMBO	.	2	3	1	.	6
KRALENDYK	.	.	.	2	.	2
LAGOS	.	.	.	.	1	1
LIMBE	.	.	.	1	.	1
LITCHFIELD	14	6	5	.	2	27
LIVERPOOL	.	.	1	.	.	1
LIVINGSTONE	.	.	.	.	1	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=East North Central

	STATE					TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
SEROTYPE						
LOCKLEAZE	.	.	.	.	1	1
LOHBRUEGGE	.	.	1	.	.	1
LONDON	8	1	.	.	.	9
MANHATTAN	13	.	1	3	.	17
MARINA	4	.	4	5	1	14
MATADI	1	.	1	.	.	2
MBANDAKA	9	6	5	4	1	25
MELEAGRIDIS	.	.	1	1	.	2
MENHADEN	.	.	.	.	1	1
MIAMI	5	5	1	2	1	14
MINNESOTA	1	.	1	.	.	2
MISSISSIPPI	.	.	.	5	.	5
MONTEVIDEO	19	6	17	23	13	78
MOREHEAD	.	.	.	2	.	2
MUENCHEN	68	12	20	9	12	121
MUENSTER	4	.	5	6	.	15
NEWBRUNSWICK	1	.	.	.	.	1
NEWHAW	.	.	1	1	.	2
NEWINGTON	2	.	1	2	.	5
NEWPORT	103	19	37	51	11	221

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=East North Central

	SEROTYPE	STATE					TOTAL
		Illinois	Indiana	Michigan	Ohio	Wisconsin	
	NORWICH	1	1	.	.	.	2
	OHIO	13	1	4	3	2	23
	ORANIENBURG	31	7	67	25	4	134
	OSLO	.	.	.	1	.	1
	OVERSCHIE	.	.	1	.	.	1
	PANAMA	21	3	1	2	3	30
	PARATYPHI A	5	.	5	1	1	12
	PARATYPHI B	10	.	3	4	.	17
	PARERA	.	.	.	3	1	4
	PENSACOLA	.	.	1	.	.	1
	PHOENIX	.	.	2	.	.	2
	POMONA	.	1	1	1	.	3
	POONA	26	12	13	27	11	89
	POTSDAM	.	.	.	1	.	1
	READING	12	3	7	.	4	26
	REMO	.	.	.	1	.	1
	RIOGRANDE	.	1	.	.	.	1
	RISSEN	.	.	.	1	.	1
	ROMANBY	.	.	.	1	.	1
	ROTERBERG	.	.	.	1	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=East North Central

	STATE					TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
SEROTYPE						
RUBISLAW	2	.	1	2	4	9
SAINTPAUL	22	3	28	9	10	72
SANDIEGO	4	2	1	7	2	16
SCHWARZENGRUND	5	2	8	9	.	24
SENFTEMBERG	10	.	3	1	.	14
SHUBRA	.	.	4	.	.	4
SOAHANINA	.	.	1	.	.	1
STANLEY	30	10	59	19	5	123
STANLEYVILLE	1	.	1	.	.	2
STENDAL	1	.	.	.	.	1
SUBSPECIES II	.	.	1	.	1	2
SUBSPECIES IIIA/IIIB	1	1	.	2	1	5
SUBSPECIES IIIB	.	1	.	1	1	3
SUBSPECIES IV	.	2	.	.	2	4
SUNDSVALL	.	.	1	1	.	2
SYDNEY	.	.	1	.	.	1
TAKORADI	1	.	.	.	.	1
TALLAHASSEE	2	.	.	.	.	2
TELELKEBIR	.	.	1	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=East North Central

	STATE					TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
SEROTYPE						
TENNESSEE	8	4	11	.	2	25
THOMPSON	36	7	23	19	8	93
TILENE	.	.	2	.	.	2
TYPHI	35	3	8	4	2	52
TYPHIMURIUM	408	148	291	356	265	1468
UGANDA	3	1	1	1	.	6
UNKNOWN	7	2	1	19	5	34
UPPSALA	.	.	.	.	1	1
URBANA	2	1	3	4	4	14
UZARAMO	.	.	.	2	.	2
VIRCHOW	4	1	.	.	.	5
WANDSWORTH	.	.	.	2	.	2
WASSENAAR	.	.	3	1	2	6
WELTEVREDEN	.	1	.	.	.	1
WORTHINGTON	10	.	2	.	1	13
TOTAL	2147	608	1194	1277	665	5891

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=West North Central -----

	STATE								TOTAL
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota		
SEROTYPE									
ADELAIDE	.	.	2	1	.	.	.	3	
AGO	.	.	1	.	.	.	.	1	
AGONA	27	2	12	6	.	.	3	50	
ALACHUA	.	.	2	1	.	.	.	3	
ALBANY	.	1	1	.	.	.	.	2	
ANATUM	1	2	2	1	.	1	.	7	
ARECHAVALETA	.	1	.	.	.	.	.	1	
BAREILLY	.	1	.	8	.	1	.	10	
BERTA	.	.	4	1	.	.	.	5	
BLOCKLEY	1	1	.	.	.	.	.	2	
BOVISMORBIFICANS	1	.	.	.	.	.	2	3	
BRADFORD	.	1	.	.	.	.	.	1	
BRAENDERUP	4	9	11	14	.	.	.	38	
BRANDENBURG	.	.	3	7	.	.	2	12	
BREDENEY	2	.	.	1	.	.	3	6	
CARRAU	.	1	.	.	.	.	.	1	
CERRO	.	1	.	1	.	.	.	2	
CHESTER	1	.	.	.	.	.	.	1	
CHOLERAESUIS	1	.	7	1	.	.	.	9	

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=West North Central -----

SEROTYPE	STATE							TOTAL
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	
CHOLERAESUIS VAR KUN	.	.	.	1	.	.	.	1
CUBANA	.	.	1	.	.	.	.	1
DERBY	.	.	9	5	.	1	.	15
DUBLIN	.	.	.	.	.	.	1	1
DUESSELDORF	1	.	.	1	.	.	.	2
EALING	.	.	.	1	.	.	.	1
EASTBOURNE	.	.	1	.	.	.	.	1
ENTERITIDIS	44	18	83	97	.	13	23	278
GAMINARA	.	.	.	2	.	.	.	2
GIVE	.	1	2	.	.	.	.	3
GLOSTRUP	.	.	.	.	.	1	.	1
GODESBERG	1	.	.	.	.	.	.	1
GROUP B	12	5	9	20	14	1	.	61
GROUP C1	2	1	4	1	3	.	.	11
GROUP C2	.	.	1	.	2	.	.	3
GROUP D1	1	.	3	3	13	.	.	20
GROUP D2	.	.	.	.	1	.	.	1
GROUP E1	.	.	2	.	1	.	.	3
GROUP G	1	.	.	.	.	1	.	2

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=West North Central

		STATE							TOTAL
		Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	
SERO TYPE									
	GROUP I	.	.	1	.	.	.	.	1
	GROUP V	1	.	.	.	.	.	.	1
	GRUMPENSIS	.	1	.	.	.	.	.	1
	HADAR	9	2	32	9	.	.	4	56
	HAMBURG	1	.	.	.	.	.	.	1
	HARTFORD	1	3	1	3	.	.	.	8
	HAVANA	.	.	.	1	.	.	.	1
	HEIDELBERG	18	10	28	35	.	12	3	106
	HULL	.	.	3	.	.	.	.	3
	INFANTIS	20	5	6	7	.	1	1	40
	INVERNESS	.	.	.	.	.	.	1	1
	IRUMU	.	.	1	.	.	.	.	1
	ITURI	.	1	.	.	.	.	.	1
	JAVA	3	.	3	7	.	.	.	13
	JAVIANA	2	13	16	31	.	.	.	62
	JOHANNESBURG	1	.	.	6	.	.	.	7
	KENTUCKY	.	.	.	2	.	.	.	2
	KIAMBU	.	.	1	.	.	.	.	1
	KRALENDYK	.	.	1	.	.	.	.	1
	LITCHFIELD	1	.	1	3	.	.	.	5

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=West North Central

		STATE								TOTAL
		Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota		
SERO TYPE										
	LIVINGSTONE	.	.	.	1	.	.	.	.	1
	LONDON	.	.	2	.	.	.	.	.	2
	MANHATTAN	.	1	1	2	.	.	.	.	4
	MARINA	1	3	.	.	.	1	.	.	5
	MBANDAKA	3	.	.	2	.	.	.	.	5
	MELEAGRIDIS	.	2	.	.	.	.	.	.	2
	MISSISSIPPI	.	.	2	.	.	.	.	.	2
	MONTEVIDEO	4	5	10	11	.	.	.	2	32
	MUENCHEN	3	11	11	18	.	1	.	2	46
	MUENSTER	2	1	1	1	.	.	.	.	5
	NEWHAW	1	.	.	.	.	.	.	.	1
	NEWPORT	22	51	21	50	.	3	2	2	149
	NORWICH	.	3	1	2	.	.	.	.	6
	OHIO	.	.	2	1	.	.	.	.	3
	ORANTENBURG	4	2	15	11	.	1	.	.	33
	PANAMA	1	.	2	1	.	1	3	.	8
	PARATYPHI A	1	1	1	1	.	.	.	.	4
	PARATYPHI B	.	2	.	2	.	.	.	.	4
	POMONA	.	.	.	2	.	.	.	.	2
	POONA	2	1	7	15	.	1	.	.	26

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=West North Central

	STATE								TOTAL
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota		
SEROTYPE									
PUTTEN	.	.	1	.	.	.	.	1	
READING	2	.	2	3	.	.	3	10	
RUBISLAW	.	.	.	1	.	.	.	1	
SAINTPAUL	3	4	10	13	.	2	1	33	
SANDIEGO	2	1	3	.	.	2	.	8	
SCHLEISSHEIM	.	.	.	.	.	2	.	2	
SCHWARZENGRUND	.	.	1	2	.	.	.	3	
SENFTEMBERG	1	.	4	.	.	.	.	5	
SHUBRA	.	1	.	2	.	.	.	3	
STANLEY	2	6	5	7	.	2	.	22	
STANLEYVILLE	.	.	2	.	.	.	.	2	
SUBSPECIES I	1	.	1	1	.	.	.	3	
SUBSPECIES II	.	.	1	.	.	.	.	1	
SUBSPECIES IIIA/IIIB	.	.	2	.	.	.	.	2	
SUBSPECIES IIIB	.	.	1	.	.	1	.	2	
SUBSPECIES IV	.	.	5	1	.	.	.	6	
TALLAHASSEE	.	.	.	1	.	.	.	1	
TANGER	.	.	.	.	.	1	.	1	
TENNESSEE	.	.	6	2	.	.	.	8	

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=West North Central

	STATE							TOTAL
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	
SEROTYPE								
THOMPSON	1	3	7	4	.	2	3	20
TYPHI	1	2	8	2	.	1	.	14
TYPHIMURIUM	86	102	308	123	.	40	32	691
UGANDA	.	.	.	1	.	.	.	1
UNKNOWN	1	2	4	1	1	12	.	21
URBANA	1	1	2	2	.	.	1	7
VIRCHOW	.	1	3	.	.	1	.	5
VIRGINIA	.	.	1	.	.	.	.	1
WANDSWORTH	.	.	.	.	.	.	1	1
WORTHINGTON	.	1	1	.	.	.	.	2
TOTAL	302	287	708	563	35	106	93	2094

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=South Atlantic

		STATE										TOTAL
		DC	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia		
SEROTYPE												
ABAETETUBA		.	.	.	.	.	1	.	.	.	.	1
ABONY		.	.	.	.	2	.	.	.	.	2	4
ADELAIDE		.	.	2	1	2	2	.	2	.	.	9
AGAMA		.	.	.	.	.	3	.	.	.	.	3
AGONA		2	1	5	20	7	8	7	8	2	2	60
ALACHUA		.	.	.	.	2	1	.	.	.	.	3
ALBANY		.	.	.	.	.	.	.	.	1	.	1
AMAGER		.	.	.	.	.	.	2	.	.	.	2
ANATUM		1	.	.	1	2	1	2	2	.	.	9
ANECHO		.	.	.	1	.	1	.	.	.	.	2
AQUA		.	.	1	.	.	.	.	.	.	.	1
BAILDON		1	.	.	1	.	.	.	.	1	.	3
BAREILLY		.	.	.	3	.	3	4	10	1	.	21
BERTA		1	.	2	3	5	8	1	13	2	.	35
BLOCKLEY		.	.	.	1	1	1	.	.	.	.	3
BOVISMORBIFICANS		.	.	.	.	1	1	.	1	.	.	3
BRAENDERUP		1	1	10	10	3	11	5	33	2	.	76
BRANDENBURG		1	1	.	6	6	7	4	9	.	.	34
BRAZIL		.	.	.	.	.	.	1	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=South Atlantic

		STATE										TOTAL
		DC	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia		
SEROTYPE												
BRENENEY		.	.	3	.	.	3	.	1	.	1	6
CERRO		.	.	3	3	.		.	4	.	1	11
CHAMELEON		.	.	1	.	.		.	.	.	.	1
CHESTER		.	.	.	.	.		.	.	1	.	2
CHOLERAESUIS		.	.	.	.	.		1	1	.	1	3
CHOLERAESUIS VAR KUN		.	.	.	.	.		.	2	.	.	2
COLINDALE		.	.	.	.	.		.	.	.	1	1
COLORADO		.	.	.	.	.		1	.	.	.	1
CUBANA		.	.	.	1	.		.	1	.	.	2
DEGANIA		.	.	1	.	.		.	.	.	.	1
DERBY		.	2	.	7	6		12	.	10	1	38
DUBLIN		.	.	.	.	.		.	.	1	1	2
DUESSELDORF		.	.	.	1	.		1	.	.	.	2
EMEK		.	.	.	.	2		.	.	.	.	2
ENTERITIDIS		40	103	17	34	432		106	59	354	35	1180
FAYED		.	.	.	.	.		.	.	1	.	1
FLINT		.	.	28	.	.		.	.	.	.	28
FLORIDA		.	.	.	1	.		.	.	.	.	1
FRESNO		.	.	.	.	.		1	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=South Atlantic

		STATE										TOTAL
		DC	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia		
SEROTYPE												
	GAMBIA	.	.	.	.	.	1	.	.	.	.	1
GAMINARA		.	.	4	3	.	2	4	1	.	.	14
	GIVE	.	1	1	3	3	4	.	1	.	.	13
GLOSTRUP		.	.	.	.	10	.	.	.	.	.	10
GLOUCESTER		.	.	.	2	.	.	.	.	.	.	2
GROUP 53		.	.	1	.	.	.	.	.	.	.	1
GROUP 54		.	.	1	.	.	.	.	.	.	.	1
GROUP B	56	.	.	54	14	4	1	2	10	1	.	142
GROUP C1	9	.	.	15	.	.	.	.	1	.	.	25
GROUP C2	6	.	.	50	1	.	1	.	.	.	.	58
GROUP D1	52	.	.	53	.	2	.	.	.	.	.	107
GROUP E1	1	.	.	6	.	.	.	.	.	.	.	7
GROUP F	.	.	1	.	.	1	.	.	.	.	.	2
GROUP G	.	.	1	1	1	1	.	.	.	.	.	3
GROUP K	.	.	.	.	.	.	.	.	.	1	.	1
GROUP P	.	.	3	.	.	.	.	.	.	.	.	3
GROUP R	.	.	.	1	.	.	.	.	.	.	.	1
GROUP V	.	.	.	.	.	2	.	.	.	.	.	2
GROUP W	.	.	.	.	.	2	1	.	.	.	.	3

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=South Atlantic

		STATE										TOTAL
		DC	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia		
SERO TYPE												
	GROUP Y	.	.	3	1	.	.	.	.	.	.	4
	GROUP Z	.	.	1	1	2	1	.	.	.	.	5
	HADAR	.	2	4	15	15	18	7	26	4	91	
	HAIFA	.	.	.	.	.	.	.	.	1	1	
	HARTFORD	.	.	10	2	1	3	3	7	.	26	
	HAVANA	.	.	3	5	1	3	.	3	1	16	
	HEIDELBERG	8	7	4	47	39	60	29	64	5	263	
	HVITTINGFOSS	.	.	1	.	.	.	.	.	.	1	
	IBADAN	.	.	.	.	.	21	.	.	.	21	
	INDIANA	.	.	.	.	1	.	.	.	.	1	
	INFANTIS	.	1	2	7	12	20	2	7	3	54	
	INVERNESS	.	.	4	7	.	2	.	.	.	13	
	IRUMU	.	.	.	.	3	.	.	.	.	3	
	ISANGI	.	.	1	.	.	.	.	.	.	1	
	ITURI	.	.	.	.	.	1	.	.	.	1	
JAMAICA	.	.	.	1	2	.	.	.	.	3		
JANGWANI	.	.	.	.	2	.	.	.	.	2		
JAVA	.	1	.	3	.	17	.	10	.	31		
JAVIANA	1	7	84	52	5	53	49	11	.	262		

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=South Atlantic

		STATE										TOTAL
		DC	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia		
SEROTYPE												
	JOHANNESBURG	.	.		3	6	1	1	1	.	12	
KENTUCKY		.	1	2	2	2	1	.	1	.	7	
KILWA		.	.	.	.	.	1	.	.	3	4	
KINSHASA		.	.	.	.	.	3	.	.	.	3	
KINTAMBO		.	2	1		.	3	.	.	.	6	
KOTTBUS		.	.	.	.	.	.	.	1	.	1	
KRALENDYK		.	.	.	1	.	.	.	.	.	1	
LAROCHELLE		.	1	.	.	.	.	.	1	.	2	
LINDENBURG		.	1	.	.	.	.	2	.	3	6	
LITCHFIELD		1	1	.	3	1	1	.	8	.	15	
LIVINGSTONE		.	.	.	.	.	.	.	1	.	1	
LOMALINDA		.	.	.	.	.	.	1	.	.	1	
LONDON		.	.	.	2	.	1	.	1	.	4	
MADELIA		.	.	.	.	.	.	1	.	.	1	
MANHATTAN		.	.	.	2	1	.	.	1	.	4	
MARINA		.	.	2	.	1	1	.	1	.	5	
MBANDAKA		.	.	.	10	2	9	1	6	1	29	
MELEAGRIDIS		.	.	11	4	1	.	.	1	.	17	
MENHADEN		.	.	.	.	.	1	.	.	.	1	

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=South Atlantic

		STATE										TOTAL
		DC	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia		
SEROTYPE												
	MIAMI	.	1	20	3	1	2	3	4	1		35
MIKAWASIMA	.	.	.	.	.	3	.	.	.	.		3
MINNESOTA	.	.	4	.	.	3	.	.	.	.		7
MISSISSIPPI	.	1	13	28	.	.	4	17	2	.		65
MONSCHAUI	.	.	.	.	.	.	1	.	1	.		2
MONTEVIDEO	2	6	3	24	6	6	29	9	9	6		94
MUENCHEN	.	2	9	33	21	21	92	29	18	1		205
MUENSTER	.	.	.	5	1	1	.	.	1	2		9
NEWBRUNSWICK	.	.	.	1	.	.	1	1	.	.		3
NEWPORT	.	14	43	183	54	54	167	79	156	11		707
NEWROCHELLE	.	.	.	1	.	.	.	.	.	1		2
NORWICH	.	.	.	.	2	2	3	.	1	.		6
NOTTINGHAM	.	.	.	.	.	.	.	1	.	.		1
OHIO	.	.	1	1	.	.	.	1	4	.		7
ONIREKE	.	.	.	1	.	.	.	.	.	.		1
ORANIENBURG	.	2	5	6	14	14	14	6	18	.		65
ORIENTALIS	.	.	1	.	.	.	.	.	.	.		1
OSLO	.	.	.	.	.	.	.	.	1	.		1
PANAMA	.	.	.	.	5	5	.	.	9	.		14

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=South Atlantic

		STATE									TOTAL
		DC	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	
SEROTYPE											
	PAPUANA	.	.	1	.	.	.	.	.	.	1
PARATYPHI A		.	.	.	2	3	2	.	5	.	12
	PARATYPHI B	4	.	.	.	9	.	.	.	3	16
PARERA		.	.	.	1	.	.	.	.	.	1
PENSACOLA		.	.	1	.	.	.	2	1	.	4
POMONA		.	.	.	.	1	.	.	.	.	1
POONA		.	1	11	7	10	9	6	12	3	59
PUTTEN		.	.	.	.	.	.	.	1	.	1
QUIMBAMBA		.	.	.	.	.	2	.	.	.	2
RAUS		.	.	.	.	1	.	.	.	.	1
READING		.	.	.	1	2	7	1	8	1	20
RICHMOND		.	.	1	.	.	.	.	.	.	1
ROMANBY		.	.	.	.	1	.	.	1	.	2
RUBISLAW		.	.	9	7	.	2	8	.	.	26
SAINTPAUL		.	.	12	13	19	10	8	9	1	72
SALINATIS		.	.	.	.	.	1	.	.	.	1
SANDIEGO		.	.	2	1	.	.	1	1	.	5
SCHWARZENGRUND		.	.	.	5	2	13	1	5	.	26
SEMINOLE		.	.	1	.	.	.	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=South Atlantic

	STATE										TOTAL
	DC	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia		
SEROTYPE											
SENFTENBERG	1	1	.	.	3	1	.	4	.		10
SINSTORF	.	.	2	.	.	.	.	.	.		2
SKANSEN	1	.	.	.	.	.	.	.	.		1
STANLEY	.	.	.	9	4	18	1	21	2		55
STERRENBOS	1	.	.	.	.	.	.	.	.		1
SUBSPECIES I	.	.	.	1	.	.	.	.	1		2
SUBSPECIES IIIA	.	.	.	3	.	7	3	1	.		14
SUBSPECIES IIIA/IIIB	.	.	.	.	.	6	1	3	2		12
SUBSPECIES IIIB	.	.	.	1	.	.	.	.	.		1
SUBSPECIES IV	.	.	.	1	.	.	.	.	.		1
TALLAHASSEE	1	.	1	.	.	.	.	.	.		2
TELELKEBIR	.	.	.	.	.	1	.	.	.		1
TENNESSEE	.	.	1	3	.	1	.	2	2		9
THOMASVILLE	.	.	.	.	.	1	.	.	.		1
THOMPSON	.	2	3	7	11	11	6	25	1		66
TOUCRA	.	.	.	1	.	.	.	.	.		1
TSHIONGWE	.	1	.	.	.	.	.	.	.		1
TYPHI	2	1	14	3	10	5	.	10	2		47
TYPHIMURIUM	24	46	26	212	237	434	102	309	39		1429

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995
..... REGION=South Atlantic

		STATE										TOTAL
		DC	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia		
SEROTYPE												
UGANDA		.	.	.	.	.	1	.	1	.	2	.
UNKNOWN		2	.	42	10	4	13	18	4	2	95	
URBANA		1	.	3	.	1	3	.	2	.	10	
VIRCHOW		.	.	.	.	.	.	1	3	.	4	
WANDSWORTH		.	.	.	.	.	1	.	.	.	1	
WARAL		.	.	.	1	.	.	.	.	.	1	
WASHINGTON		.	.	.	.	1	.	.	.	.	1	
WASSENAAR		.	.	.	.	.	.	.	1	.	1	
WELTEVREDEN		.	.	1	.	.	.	.	.	.	1	
WORTHINGTON		.	.	1	.	.	1	.	1	.	3	
TOTAL		220	208	624	866	1024	1271	493	1268	152	6126	

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=East South Central -----

	STATE				TOTAL
	Alabama	Kentucky	Mississippi	Tennessee	
SEROTYPE					
ADELAIDE	.	.	.	4	4
AGONA	6	3	.	11	20
ALABAMA	.	.	.	1	1
ALACHUA	1	.	.	.	1
ANATUM	1	.	.	5	6
BAREILLY	1	6	.	13	20
BRADFORD	1	.	.	1	2
BRAENDERUP	6	5	.	4	15
BRANDENBURG	1	.	.	4	5
BRENENEY	.	.	.	2	2
BURUNDI	.	.	.	1	1
CARRAU	.	2	.	1	3
CERRO	1	2	.	.	3
CHAMELEON	.	.	.	1	1
CHOLERAESUIS	.	.	.	1	1
CHOLERAESUIS VAR KUN	.	.	.	2	2
CUBANA	.	.	.	1	1
DAYTONA	.	.	.	1	1
DERBY	.	1	.	2	3

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=East South Central

SERO TYPE		STATE				TOTAL
		Alabama	Kentucky	Mississippi	Tennessee	
ENTERITIDIS		21	20	9	89	139
GALIL		1	.	.	.	1
GAMINARA		1	.	.	1	2
GEORGIA		.	.	.	1	1
GIVE		1	.	.	1	2
GROUP 60		.	.	.	1	1
GROUP A		.	.	4	.	4
GROUP B		3	.	68	12	83
GROUP C1		1	.	17	5	23
GROUP C2		.	.	27	.	27
GROUP D1		.	.	.	2	2
GROUP E1		.	.	2	.	2
GROUP G		.	.	59	1	60
GROUP H		.	.	1	.	1
GROUP I		1	.	2	.	3
GROUP O		.	.	.	1	1
GROUP Q		.	.	.	1	1
GROUP S		.	.	.	1	1
GROUP V		.	.	.	1	1
GROUP W		.	.	.	1	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=East South Central

	STATE				TOTAL
	Alabama	Kentucky	Mississippi	Tennessee	
SEROTYPE					
GROUP Z	.	1	.	.	1
HADAR	5	5	.	7	17
HARTFORD	3	2	.	7	12
HAVANA	.	.	.	1	1
HEIDELBERG	17	11	.	39	67
HINDMARSH	.	.	.	1	1
IBADAN	.	1	.	.	1
INDIANA	.	.	.	1	1
INFANTIS	3	5	.	5	13
INVERNESS	.	.	.	1	1
IRUMU	1	1	.	1	3
ITURI	.	.	.	1	1
JANGWANI	1	.	.	1	2
JAVA	1	6	.	9	16
JAVIANA	26	6	.	10	42
JOHANNESBURG	.	.	.	3	3
LAROCHELLE	.	2	.	.	2
LEXINGTON	.	1	.	.	1
LINDENBURG	2	.	.	.	2
LITCHFIELD	2	.	.	2	4

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995
REGION=East South Central

SERO TYPE	STATE				TOTAL
	Alabama	Kentucky	Mississippi	Tennessee	
LIVINGSTONE	1	.	.	.	1
MADELIA	.	1	.	.	1
MARINA	.	1	.	.	1
MBANDAKA	1	1	.	3	5
MIAMI	1	.	.	.	1
MINNESOTA	.	1	.	.	1
MISSISSIPPI	14	.	.	17	31
MONSCHAUI	.	1	.	2	3
MONTEVIDEO	6	2	.	14	22
MUENCHEN	18	3	.	9	30
MUENSTER	1	1	.	1	3
NEWPORT	32	6	.	76	114
NORWICH	.	1	.	10	11
OHIO	1	.	.	1	2
ORANIENBURG	3	3	.	5	11
PANAMA	1	.	.	4	5
PARATYPHI B	5	1	.	1	7
PHOENIX	.	1	.	.	1
POONA	.	8	.	16	24
READING	.	2	.	2	4

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=East South Central

SERO TYPE	STATE				TOTAL
	Alabama	Kentucky	Mississippi	Tennessee	
REGENT	2	.	.	.	2
ROMANBY	.	1	.	.	1
RUBISLAW	.	4	.	.	4
SAINTPAUL	4	4	.	8	16
SANDIEGO	2	1	.	3	6
SCHLEISSHEIM	2	1	.	.	3
SCHWARZENGRUND	1	2	.	2	5
SENFTEMBERG	.	.	.	3	3
SHARON	.	1	.	.	1
STANLEY	1	2	.	5	8
SUBSPECIES IIIA/IIIB	4	.	.	.	4
SUBSPECIES IIIB	.	.	.	1	1
SUBSPECIES IV	.	3	.	1	4
TENNESSEE	.	1	.	7	8
THOMPSON	3	4	.	9	16
TYPHI	.	.	.	5	5
TYPHIMURIUM	89	71	.	178	338
UNKNOWN	249	6	365	6	626
URBANA	.	1	.	1	2

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=East South Central

SEROTYPE	STATE				TOTAL
	Alabama	Kentucky	Mississippi	Tennessee	
VIETNAM	.	.	.	1	1
VIRCHOW	.	1	.	1	2
VIRGINIA	.	.	.	2	2
WASSENAAR	.	.	.	1	1
WORTHINGTON	.	1	.	3	4
TOTAL	549	217	554	660	1980

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=West South Central

		STATE				TOTAL
		Arkansas	Louisiana	Oklahoma	Texas	
SEROTYPE						
ADELAIDE	.	.	.	.	3	3
AGONA	4	5	1	89	99	
ALACHUA	.	.	.	3	3	
AMSTERDAM	.	1	.	.	1	
ANATUM	.	2	.	18	20	
AQUA	.	1	.	1	2	
ARECHAVALETA	.	.	1	.	1	
BAREILLY	7	5	3	5	20	
BERTA	2	.	.	2	4	
BLOCKLEY	.	.	.	4	4	
BOVISMORBIFICANS	.	1	.	1	2	
BRADFORD	.	.	.	1	1	
BRAENDERUP	5	9	4	47	65	
BRANDENBURG	.	5	2	5	12	
BREDENEY	.	.	.	5	5	
CALIFORNIA	.	.	.	1	1	
CARRAU	.	1	.	.	1	
CERRO	.	1	.	8	9	
CHESTER	.	.	.	2	2	
CUBANA	.	.	.	2	2	

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=West South Central

SERO TYPE	STATE				TOTAL
	Arkansas	Louisiana	Oklahoma	Texas	
DENVER	.	.	.	1	1
DERBY	.	3	.	7	10
DUBLIN	.	.	.	2	2
DUESSELDORF	.	.	.	1	1
EASTBOURNE	.	.	.	2	2
EDINBURG	.	.	1	.	1
ENTERITIDIS	9	22	22	101	154
FALKENSEE	.	.	.	1	1
FLINT	.	.	.	2	2
GAMINARA	.	4	.	8	12
GIVE	.	7	.	24	31
GLOSTRUP	.	.	.	8	8
GROUP B	.	5	.	9	14
GROUP C1	.	.	1	3	4
GROUP C2	3	.	.	1	4
GROUP D1	.	.	.	1	1
GROUP E1	.	.	.	1	1
GROUP G	.	1	.	1	2
GROUP S	.	1	.	.	1
GROUP V	.	.	.	3	3

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=West South Central

		STATE				TOTAL
		Arkansas	Louisiana	Oklahoma	Texas	
SEROTYPE						
GROUP Y	.	1	.	.	.	1
HADAR	.	6	8	20	34	34
HARTFORD	.	4	.	4	8	8
HAVANA	.	.	.	4	4	4
HEIDELBERG	6	25	10	65	106	106
HVITTINGFOSS	.	3	.	.	3	3
IBADAN	7	.	.	12	19	19
INFANTIS	5	5	1	45	56	56
INVERNESS	.	6	.	.	6	6
JAVA	3	1	.	.	4	4
JAVIANA	16	37	1	80	134	134
KENTUCKY	.	.	.	3	3	3
KIambu	.	.	.	1	1	1
LINDENBURG	.	.	1	.	1	1
LITCHFIELD	.	4	.	1	5	5
MADELIA	2	.	.	2	4	4
MANHATTAN	2	1	1	1	5	5
MARINA	.	2	.	3	5	5
MATADI	.	.	.	2	2	2
MBANDAKA	1	2	1	3	7	7

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=West South Central

SERO TYPE	STATE				TOTAL
	Arkansas	Louisiana	Oklahoma	Texas	
MELEAGRIDIS	.	.	.	2	2
MIAMI	.	.	.	1	1
MIKAWASIMA	.	.	.	3	3
MINNESOTA	.	.	.	5	5
MISSISSIPPI	2	59	3	13	77
MONTEVIDEO	6	13	5	45	69
MUENCHEN	5	19	7	40	71
MUENSTER	1	.	.	11	12
NEWRUNSWICK	.	.	1	2	3
NEWPORT	68	114	105	198	485
NORWICH	6	.	.	3	9
OHIO	.	1	1	1	3
ORANTIENBURG	4	2	8	53	67
PANAMA	.	1	.	10	11
PARATYPHI A	.	.	.	1	1
PARATYPHI B	.	3	7	51	61
PENSACOLA	.	3	.	.	3
PHOENIX	.	.	.	5	5
POMONA	.	.	.	3	3
POONA	1	6	1	39	47

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=West South Central

		STATE				TOTAL
		Arkansas	Louisiana	Oklahoma	Texas	
SEROTYPE						
RAUS	.	.	.	.	1	1
READING	.	.	5	1	2	8
ROMANBY	.	.	.	.	1	1
RUBISLAW	1	5	5	3	9	18
SAINTPAUL	1	1	1	1	19	22
SANDIEGO	.	4	4	.	13	17
SAPHRA	.	3	3	.	4	7
SCHWARZENGRUND	.	4	4	.	13	17
SENFTENBERG	.	.	.	.	5	5
SINGAPORE	.	.	.	.	1	1
STANLEY	.	2	2	6	3	11
SUBSPECIES I	.	.	.	1	1	2
SUBSPECIES II	.	.	.	2	.	2
SUBSPECIES IIIA/IIIB	2	.	.	.	3	5
SUBSPECIES IV	.	.	.	.	1	1
SUNDSVALL	.	.	.	12	.	12
TANANARIVE	.	.	.	1	.	1
TENNESSEE	.	4	4	.	.	4
THOMPSON	.	12	12	9	30	51

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=West South Central -----

		STATE				TOTAL
		Arkansas	Louisiana	Oklahoma	Texas	
SEROTYPE						
TILENE		.	.	.	2	2
TSHIONGWE		1	.	.	.	1
TYPHI		2	3	1	25	31
TYPHIMURIUM		68	99	98	358	623
UNKNOWN		9	10	4	3	26
URBANA		.	4	.	2	6
VIRCHOW		.	.	.	2	2
WASSENAAR		.	.	.	1	1
WAYNE		.	.	.	2	2
WESLACO		.	.	1	.	1
WORTHINGTON		1	.	1	4	6
TOTAL		250	548	337	1610	2745

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=Mountain

	STATE								TOTAL
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming	
SEROTYPE									
ABONY	2	.	1	.	.	.	.	.	3
ADELAIDE	1	.	.	.	1	1	.	.	3
AGONA	14	20	.	.	1	6	2	.	43
ALACHUA	1	.	.	.	.	1	.	.	2
AMSTERDAM	.	.	.	.	.	.	1	.	1
ANATUM	10	1	.	.	.	3	.	.	14
BAREILLY	1	.	.	.	.	.	.	.	1
BENFICA	.	.	.	.	.	2	.	.	2
BERTA	3	4	.	.	.	.	1	.	8
BLOCKLEY	6	2	1	.	.	.	2	.	11
BOVISMORBIFICANS	.	1	.	.	.	.	.	.	1
BRADFORD	.	.	.	.	1	1	.	.	2
BRAENDERUP	8	9	1	.	6	14	4	.	42
BRANDENBURG	15	5	1	.	2	3	.	.	26
BREDENEY	2	3	.	.	.	.	.	.	5
BUDAPEST	.	.	.	.	.	1	.	.	1
CERRO	4	1	.	.	3	4	1	.	13
CHESTER	.	7	.	.	.	.	.	.	7
CHOLERAESUIS	.	.	.	.	.	1	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=Mountain

		STATE								TOTAL
		Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming	
SEROTYPE										
	CHOLERAESUIS VAR KUN	.	.	.	.	1	.	.	.	1
CONCORD	2	.	.	.	.	.	.	.	.	2
CUBANA	1	1	.	.	.	.	.	.	.	2
DAYTONA	.	.	.	.	.	1	1	.	.	2
DENVER	1	.	.	.	.	.	1	.	.	2
DERBY	9	7	.	.	.	3	3	.	.	22
DRYPOOL	4	.	.	.	.	.	.	.	.	4
DUBLIN	4	.	1	.	.	3	3	1	.	12
DUESSELDORF	.	.	.	.	.	.	.	1	.	1
DURHAM	.	.	.	.	.	.	.	1	.	1
ENTERITIDIS	139	97	17	.	70	96	118	.	.	537
GAMINARA	.	2	.	.	.	.	.	.	.	2
GIVE	1	.	.	.	.	.	1	.	.	2
GROUP B	.	.	.	50	1	1	.	.	.	52
GROUP C1	.	.	.	15	.	1	.	.	.	16
GROUP C2	.	.	.	7	1	.	.	1	.	9
GROUP D1	.	1	.	5	3	3	.	1	.	13
GROUP E1	.	.	.	.	.	2	1	.	.	3
GROUP G	.	.	.	1	.	.	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=Mountain

	STATE									TOTAL
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming		
SEROTYPE										
GROUP Y	.	.	.	.	.	.	2	.		2
GROUP Z	.	.	.	.	1	.	.	.		1
HADAR	3	10	.	.	2	5	6	.		26
HARTFORD	1	1	.	.	.	.	1	.		3
HEIDELBERG	23	42	6	.	17	27	21	.		136
HOUTEN	.	1	.	.	.	.	.	.		1
IBADAN	1	.	.	.	.	.	.	.		1
INDIANA	.	2	.	.	.	1	.	.		3
INFANTIS	4	18	1	.	.	1	5	.		29
INVERNESS	.	1	.	.	.	.	.	.		1
IRUMU	.	1	.	.	.	.	.	.		1
ISTANBUL	.	.	.	.	.	1	.	.		1
ITURI	.	.	.	.	.	.	1	.		1
JAMAICA	.	2	.	.	.	.	.	.		2
JAVA	.	5	5	.	.	.	.	.		10
JAVIANA	13	7	1	.	3	10	1	.		35
JOHANNESBURG	.	.	1	.	1	2	.	.		4
KEDOUGOU	.	.	.	.	1	1	.	.		2
KENTUCKY	2	.	.	.	1	14	.	.		17
KINTAMBO	.	1	.	.	.	.	.	.		1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=Mountain

		STATE								TOTAL
		Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming	
SERO TYPE										
	KOKOMLEMLE	1	.	.	.	.	.	.	.	1
	KOTTBUS	1	.	.	.	3	2	.	.	6
	LITCHFIELD	.	2	1	.	.	.	.	.	3
	LIVINGSTONE	1	.	.	.	.	.	.	.	1
	LOHBRUEGGE	.	.	.	.	.	.	1	.	1
	LOMALINDA	.	.	.	.	1	1	.	.	2
	LOMITA	1	.	.	.	.	.	.	.	1
	LONDON	9	.	.	.	.	.	.	.	9
	MANHATTAN	.	1	.	.	.	.	.	.	1
	MARINA	.	.	.	.	.	1	.	.	1
	MBANDAKA	1	1	.	.	.	2	.	.	4
	MELEAGRIDS	.	.	.	.	.	1	.	.	1
	MIAMI	2	.	.	.	.	.	.	.	2
	MISSISSIPPI	.	1	.	.	.	.	.	.	1
	MOERO	.	.	.	.	1	1	.	.	2
	MONTEVIDEO	24	12	6	.	4	24	18	.	88
	MUENCHEN	15	10	2	.	2	9	2	.	40
	MUENSTER	3	.	1	.	.	.	.	.	4
	NEWBRUNSWICK	.	1	1	.	.	.	.	.	2
	NEWINGTON	2	1	.	.	.	.	.	.	3

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=Mountain

		STATE								TOTAL
		Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming	
SEROTYPE	NEWPORT	43	18	3	.	5	20	11	.	100
	NORWICH	1	.	.	.	.	1	.	.	2
OHIO		2	.	.	.	.	1	1	.	4
	ORANIENBURG	39	8	1	.	4	12	3	.	67
OTHMARSCHEN		.	.	1	.	.	1	.	.	2
	PANAMA	9	3	.	.	2	3	3	.	20
PARATYPHI A		1	.	1	.	.	.	.	.	2
PARATYPHI B		6	2	.	.	6	6	5	.	25
PARERA		.	.	.	.	.	.	1	.	1
POMONA		.	1	.	.	1	1	.	.	3
POONA		26	13	2	.	1	6	6	.	54
READING		1	3	.	.	.	2	2	.	8
RUBISLAW		.	.	.	.	.	1	1	.	2
SAINTPAUL		25	14	2	.	5	16	4	.	66
SANDIEGO		10	6	.	.	2	3	3	.	24
SAPHRA		.	.	.	.	.	.	1	.	1
SCHWARZENGRUND		.	.	.	.	2	3	2	.	7
SENFTEMBERG		.	.	1	.	2	2	.	.	5
SINSTORF		.	7	.	.	.	.	.	.	7
STANLEY		29	10	1	.	6	12	5	.	63

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=Mountain

		STATE								TOTAL
		Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming	
SEROTYPE										
	STELLINGEN	.	1	.	.	.	.	.	.	1
SUBSPECIES I		.	.	.	.	1	.	.	.	1
	SUBSPECIES IIIA/IIIB	.	1	.	.	1	5	.	.	7
SUBSPECIES IIIB		.	3	.	.	.	.	.	.	3
	SUBSPECIES IV	.	.	1	.	.	1	.	.	2
TAMBACOUNDA		.	.	.	.	1	2	.	.	3
	TENNESSEE	2	1	.	.	.	1	.	.	4
THOMPSON		8	6	.	.	3	4	1	.	22
	TUCSON	1	.	.	.	.	.	.	.	1
TYPHI		5	1	.	.	1	1	.	.	8
	TYPHIMURIUM	122	199	30	.	51	152	44	.	598
UGANDA		.	2	.	.	.	.	.	.	2
	UNKNOWN	1	23	.	4	1	8	6	.	43
URBANA		.	1	1	.	.	2	1	.	5
	VICTORIA	1	.	.	.	.	.	.	.	1
VILVOORDE		.	.	.	.	.	1	.	.	1
	VIRCHOW	.	1	.	.	.	1	.	.	2
WANDSWORTH		.	3	.	.	.	.	.	.	3
	WESTHAMPTON	.	1	.	.	.	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=Mountain -----

	STATE								TOTAL
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming	
SEROTYPE									
WILLEMSTAD	1	.	.	.	.	.	.	.	1
TOTAL	668	609	91	82	231	519	290	2	2492

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=Pacific -----

SEROTYPE	STATE					TOTAL
	Alaska	California	Hawaii	Oregon	Washington	
ABAETETUBA	.	2	.	.	3	5
ABERDEEN	.	1	.	.	.	1
ADELAIDE	.	13	.	.	.	13
AGONA	.	108	13	14	4	139
ALACHUA	.	6	.	.	3	9
ALAMO	.	1	.	.	.	1
ALBANY	.	19	2	.	.	21
AMAGER	.	.	3	.	.	3
AMSTERDAM	.	.	.	.	1	1
ANATUM	.	41	2	1	7	51
ARECHAVALETA	.	4	.	.	.	4
BARDO	.	1	.	.	.	1
BAREILLY	.	5	.	1	.	6
BERTA	.	7	1	.	4	12
BLOCKLEY	.	9	.	.	1	10
BONN	.	1	.	.	.	1
BOVISMORBIFICANS	.	4	.	1	.	5
BRAENDERUP	.	77	3	5	12	97
BRANDENBURG	.	18	2	2	10	32
BREDENEY	.	13	.	.	.	13

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=Pacific -----

SEROTYPE	STATE					TOTAL
	Alaska	California	Hawaii	Oregon	Washington	
BRON	.	.	.	1	.	1
BROUGHTON	.	2	.	.	.	2
BUZU	.	1	.	.	.	1
CARRAU	.	2	.	.	.	2
CERRO	.	13	1	1	1	16
CHAILEY	.	1	.	.	.	1
CHAMELEON	.	6	.	.	1	7
CHESTER	.	4	.	.	1	5
CHOLERAESUIS	.	1	.	.	1	2
CHOLERAESUIS VAR KUN	.	12	1	.	.	13
CLACKAMAS	.	.	.	1	.	1
COLINDALE	.	1	.	.	.	1
CONCORD	.	1	.	.	.	1
CUBANA	.	11	.	.	.	11
DERBY	.	35	4	1	3	43
DJUGU	.	.	1	.	.	1
DUBLIN	.	42	.	3	2	47
DUISBURG	.	2	.	.	.	2
DURBAN	.	1	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=Pacific -----

	STATE					TOTAL
	Alaska	California	Hawaii	Oregon	Washington	
SEROTYPE						
DURHAM	.	2	.	.	.	2
EALING	.	2	.	.	2	4
EDINBURG	.	1	.	.	.	1
EMEK	.	1	1	.	.	2
ENTERITIDIS	5	2332	29	38	101	2505
ENUGU	.	.	.	1	.	1
FALKENSEE	.	1	.	.	.	1
FLINT	.	1	.	.	.	1
GAMINARA	.	4	.	.	1	5
GIVE	.	16	5	1	1	23
GLOSTRUP	.	1	.	.	.	1
GOLDCOAST	.	1	.	.	.	1
GROUP 58	.	1	.	.	.	1
GROUP 61	.	13	.	.	.	13
GROUP 65	.	1	.	.	.	1
GROUP B	.	71	5	.	.	76
GROUP C1	.	7	.	.	.	7
GROUP C2	1	2	.	.	.	3
GROUP D1	.	9	.	.	.	9
GROUP K	.	2	.	.	.	2

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=Pacific -----

SEROTYPE	STATE					TOTAL
	Alaska	California	Hawaii	Oregon	Washington	
GROUP L	.	2	.	.	.	2
GROUP O	.	1	.	.	.	1
GROUP R	.	1	.	.	.	1
GROUP S	.	1	.	.	.	1
GROUP U	1	.	2	.	.	3
GROUP V	1	4	.	.	.	5
GROUP W	.	4	.	.	.	4
GROUP Y	.	2	.	.	.	2
GROUP Z	.	4	.	.	.	4
HAARDT	.	6	2	.	.	8
HADAR	1	92	5	4	16	118
HAGENBECK	.	.	.	.	1	1
HARTFORD	.	4	.	.	3	7
HATO	.	.	.	.	1	1
HAVANA	.	14	.	.	2	16
HEIDELBERG	1	414	4	14	46	479
HINDMARSH	.	.	.	.	1	1
HVITTINGFOSS	.	1	.	.	.	1
INDIANA	.	5	.	1	.	6
INFANTIS	.	122	.	8	4	134

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=Pacific -----

	STATE					TOTAL
	Alaska	California	Hawaii	Oregon	Washington	
SEROTYPE						
INVERNESS	.	2	.	.	.	2
IRUMU	.	9	.	.	4	13
ISTANBUL	.	2	1	.	.	3
JANGWANI	.	4	.	1	1	6
JAVA	.	.	.	2	.	2
JAVIANA	.	35	.	1	7	43
JOHANNESBURG	.	3	.	1	1	5
KEDUGOU	.	.	.	2	.	2
KENTUCKY	.	20	.	1	.	21
KIAMBU	.	7	.	.	.	7
KINTAMBO	.	4	.	.	.	4
KISANGANI	.	.	2	.	.	2
KOTTBUS	.	38	.	.	.	38
KRALENDYK	.	1	.	.	.	1
LITCHFIELD	.	15	.	.	5	20
LIVERPOOL	.	1	.	.	.	1
LIVINGSTONE	.	5	.	.	.	5
LOMALINDA	1	9	.	.	.	10
LOMITA	.	.	.	.	1	1
LONDON	.	3	.	1	1	5

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=Pacific -----

	STATE					TOTAL
	Alaska	California	Hawaii	Oregon	Washington	
SEROTYPE						
MADELIA	.	1	.	.	.	1
MANHATTAN	.	12	.	.	2	14
MARINA	.	17	.	1	.	18
MATADI	.	1	.	.	1	2
MBANDAKA	.	28	7	1	2	38
MELEAGRIDIS	.	3	.	.	.	3
MENHADEN	.	3	.	.	.	3
MICHIGAN	.	8	.	.	.	8
MIKAWASIMA	.	.	.	.	1	1
MINNESOTA	.	21	.	.	.	21
MISSISSIPPI	.	3	.	.	1	4
MONTEVIDEO	1	139	6	17	30	193
MOUNTPLEASANT	.	1	.	.	.	1
MUENCHEN	1	49	15	4	8	77
MUENSTER	.	10	.	.	.	10
NARASHINO	.	1	.	.	.	1
NEWHAW	.	1	.	.	.	1
NEWINGTON	.	9	.	.	.	9
NEWPORT	1	174	22	22	17	236
NIMA	.	1	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=Pacific -----

SEROTYPE	STATE					TOTAL
	Alaska	California	Hawaii	Oregon	Washington	
NOORDHOEK	.	.	.	1	.	1
NORWICH	.	2	.	.	.	2
NOTTINGHAM	.	.	.	.	2	2
OAKLAND	.	1	.	.	.	1
OHIO	.	25	1	.	4	30
ONDERSTEPOORT	.	1	.	.	.	1
ORANIENBURG	.	60	3	5	13	81
ORIENTALIS	.	.	1	.	.	1
ORION	.	1	.	.	.	1
OSLO	.	2	9	.	.	11
OUAKAM	.	3	.	.	1	4
PANAMA	.	36	5	.	6	47
PARATYPHI A	.	20	1	.	2	23
PARATYPHI B	1	47	5	2	14	69
PARATYPHI C	.	.	1	.	.	1
PHOENIX	.	1	.	.	.	1
PLYMOUTH	.	1	.	.	.	1
POANO	.	1	.	.	.	1
POMONA	1	6	.	.	1	8
POONA	1	68	.	6	15	90

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995
----- REGION=Pacific -----

	STATE					TOTAL
	Alaska	California	Hawaii	Oregon	Washington	
SEROTYPE						
PORTSMOUTH	.	1	.	.	.	1
POTSDAM	.	3	.	.	.	3
PUTTEN	.	2	.	1	2	5
READING	.	39	1	4	2	46
RICHMOND	.	1	.	.	.	1
RISSEN	.	2	.	.	1	3
RUBISLAW	.	6	.	.	.	6
SAINTPAUL	1	66	4	10	13	94
SALINATIS	.	2	.	.	.	2
SANDIEGO	.	17	.	1	3	21
SANTIAGO	.	1	.	.	.	1
SAPHRA	.	1	.	1	.	2
SCHWARZENGRUND	.	19	1	1	2	23
SENDAI	.	1	.	.	.	1
SENFTENBERG	.	27	4	.	.	31
SHUBRA	.	1	.	.	.	1
SINGAPORE	.	2	.	.	1	3
STANLEY	.	94	1	2	10	107
STANLEYVILLE	.	1	.	.	.	1
SUBSPECIES IIIA	1	1	.	.	1	3

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

----- REGION=Pacific -----

		STATE					TOTAL
		Alaska	California	Hawaii	Oregon	Washington	
SEROTYPE							
SUBSPECIES IIIB	.	4	2	.	6	12	
SUBSPECIES IV	.	.	.	1	3	4	
SUNDSVALL	.	1	.	1	.	2	
TELELKEBIR	.	1	.	.	.	1	
TENNESSEE	.	32	2	.	3	37	
THOMPSON	1	140	1	4	27	173	
TOUCRA	.	1	.	.	.	1	
TUCSON	.	1	.	.	.	1	
TYGERBERG	.	.	.	.	2	2	
TYPHI	.	108	8	.	2	118	
TYPHIMURIUM	8	916	48	91	250	1313	
TYPHIMURIUM VAR COPE	.	368	.	1	.	369	
UGANDA	.	7	.	.	1	8	
UNKNOWN	.	37	2	1	9	49	
URBANA	.	5	1	.	3	9	
UZARAMO	.	.	.	.	1	1	
VANCOUVER	.	.	1	.	.	1	
VEJLE	.	.	.	2	.	2	
VIRCHOW	.	19	5	1	4	29	

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1995

REGION=Pacific

	STATE					TOTAL
	Alaska	California	Hawaii	Oregon	Washington	
SEROTYPE						
VIRGINIA	.	1	.	.	.	1
WANDSWORTH	.	2	.	.	.	2
WANGATA	.	1	.	.	.	1
WASHINGTON	.	.	.	.	1	1
WASSENAAR	.	3	.	.	.	3
WEL TEVREDEN	.	5	67	.	3	75
WESTHAMPTON	.	.	2	.	.	2
WORTHINGTON	.	7	.	.	.	7
ZANZIBAR	.	1	.	.	.	1
TOTAL	28	6472	315	288	723	7826

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

	REGION										TOTAL
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific		
SEROTYPE											
ABAETETUBA	1	1	2	.	1	.	.	.	5	10	
ABERDEEN	.	2	2	.	.	.	.	.	1	5	
ABONY	1	.	1	.	4	.	.	3	.	9	
ADELAIDE	8	41	14	3	9	4	3	3	13	98	
AGAMA	.	.	.	.	3	.	.	.	.	3	
AGBENI	2	1	2	.	.	.	.	.	.	5	
AGO	.	.	.	1	.	.	.	.	.	1	
AGONA	39	123	110	50	60	20	99	43	139	683	
AGOUVE	.	2	.	.	.	.	.	.	.	2	
ALABAMA	.	.	.	.	.	1	.	.	.	1	
ALACHUA	10	18	3	3	3	1	3	2	9	52	
ALAMO	.	.	.	.	.	.	.	.	1	1	
ALBANY	6	13	6	2	1	.	.	.	21	49	
ALBERT	.	1	.	.	.	.	.	.	.	1	
AMAGER	.	1	.	.	2	.	.	.	3	6	
AMSTERDAM	4	3	1	.	.	.	1	1	1	11	
ANATUM	9	28	30	7	9	6	20	14	51	174	
ANECHO	.	.	.	.	2	.	.	.	.	2	
ANTSALOVA	.	.	2	.	.	.	.	.	.	2	
AQUA	.	.	.	.	1	.	2	.	.	3	

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

		REGION									TOTAL
		New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	
SEROTYPE											
ARECHAVALETA		•	•	•	1	•	•	1	•	•	6
BAILDON		1	•	10	•	3	•	•	•	•	14
BARDO		•	•	•	•	•	•	•	•	1	1
BAREILLY		4	9	18	10	21	20	20	1	6	109
BENFICA		•	•	•	•	•	•	•	2	•	2
BERE		•	1	•	•	•	•	•	•	•	1
BERTA		64	111	128	5	35	•	4	8	12	367
BINZA		•	1	•	•	•	•	•	•	•	1
BLOCKLEY		7	14	4	2	3	•	4	11	10	55
BONAIRE		•	1	•	•	•	•	•	•	•	1
BONARIENSIS		•	4	1	•	•	•	•	•	•	5
BONGOR		1	•	•	•	•	•	•	•	•	1
BONN		•	2	1	•	•	•	•	•	1	4
BORBECK		•	1	•	•	•	•	•	•	•	1
BOVISMORBIFICANS		3	1	7	3	3	•	2	1	5	25
BRADFORD		5	•	1	1	•	2	1	2	•	12
BRAENDERUP		59	78	118	38	76	15	65	42	97	588
BRANDENBURG		54	77	32	12	34	5	12	26	32	284
BRAZIL		•	•	•	•	1	•	•	•	•	1
BREDENEY		4	10	6	6	6	2	5	5	13	57

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

	REGION										TOTAL
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific		
SEROTYPE											
BRON	•	1	•	•	•	•	•	•	•	1	2
BROUGHTON	•	•	•	•	•	•	•	•	•	2	2
BUDAPEST	•	•	•	•	•	•	•	•	1	•	1
BURUNDI	•	•	•	•	•	1	•	•	•	•	1
BUZU	•	1	1	•	•	•	•	•	•	1	3
CALIFORNIA	•	•	•	•	•	•	•	1	•	•	1
CAMBRIDGE	•	•	1	•	•	•	•	•	•	•	1
CARMEL	•	•	1	•	•	•	•	•	•	•	1
CARRAU	2	1	2	1	•	3	1	•	2		12
CERRO	3	11	6	2	11	3	9	13	16		74
CHAILEY	1	3	1	•	•	•	•	•	1		6
CHAMELEON	2	•	1	•	1	1	•	•	7		12
CHAMPAIGN	1	•	•	•	•	•	•	•	•		1
CHESTER	7	5	5	1	2	•	2	7	5		34
CHOLERAESUIS	3	11	20	9	3	1	•	1	2		50
CHOLERAESUIS VAR KUN	1	2	3	1	2	2	•	1	13		25
CLACKAMAS	•	•	•	•	•	•	•	•	1		1
COELN	•	•	2	•	•	•	•	•	•		2
COLINDALE	•	•	•	•	1	•	•	•	1		2
COLORADO	•	•	•	•	1	•	•	•	•		1

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

		REGION									TOTAL
		New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	
SEROTYPE											
	CONCORD	.	.	1	.	.	.	.	2	1	4
CORVALLIS	1	.	.	.	.	.	.	.	.	.	1
CUBANA	4	6	15	1	2	1	2	2	11	44	
DAYTONA	.	.	.	.	.	1	.	2	.	3	
DEGANIA	.	.	.	.	1	.	.	.	.	1	
DENVER	.	1	1	.	.	.	1	2	.	5	
DERBY	7	26	49	15	38	3	10	22	43	213	
DJUGU	.	.	.	.	.	.	.	.	1	1	
DOBA	1	.	.	.	.	.	.	.	.	1	
DROGANA	3	.	.	.	.	.	.	.	.	3	
DRYPOOL	1	2	1	.	.	.	.	4	.	8	
DUBLIN	4	7	6	1	2	.	2	12	47	81	
DUESSELDORF	1	1	5	2	2	.	1	1	.	13	
DUISBURG	.	.	.	.	.	.	.	.	2	2	
DURBAN	.	1	1	.	.	.	.	.	1	3	
DURHAM	.	.	3	.	.	.	.	1	2	6	
DUVAL	1	.	.	.	.	.	.	.	.	1	
EALING	2	4	13	1	.	.	.	.	4	24	
EASTBOURNE	1	2	4	1	.	.	2	.	.	10	
EDINBURG	.	1	1	.	.	.	1	.	1	4	

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

	REGION										TOTAL
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific		
SEROTYPE											
EILBECK	.	1	.	.	.	.	.	.	.	1	
EMEK	1	1	.	.	2	.	.	.	2	6	
ENTERITIDIS	1345	2835	1228	278	1180	139	154	537	2505	10201	
ENUGU	.	.	.	.	.	.	.	.	1	1	
FALKENSEE	.	.	.	.	.	.	1	.	1	2	
FARMSEN	.	.	2	.	.	.	.	.	.	2	
FAYED	.	.	.	.	1	.	.	.	.	1	
FLINT	3	2	3	.	28	.	2	.	1	39	
FLORIDA	1	.	.	.	1	.	.	.	.	2	
FORTLAMY	2	.	.	.	.	.	.	.	.	2	
FREEFALLS	.	2	.	.	.	.	.	.	.	2	
FREMANTLE	.	1	.	.	.	.	.	.	.	1	
FRESNO	.	.	.	.	1	.	.	.	.	1	
GALIL	.	.	.	.	.	1	.	.	.	1	
GAMBIA	.	.	.	.	1	.	.	.	.	1	
GAMINARA	4	2	2	2	14	2	12	2	5	45	
GATOW	.	1	.	.	.	.	.	.	.	1	
GATUNI	.	1	.	.	.	.	.	.	.	1	
GEORGIA	.	.	1	.	.	1	.	.	.	2	
GIVE	6	10	11	3	13	2	31	2	23	101	

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

		REGION									TOTAL
		New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	
SEROTYPE											
GLOSTRUP	5	5	1	1	10	.	8	.	1	31	
GLOUCESTER	.	.	.	.	2	.	.	.	.	2	
GODESBERG	.	.	.	1	.	.	.	.	.	1	
GOLDCOAST	.	.	.	.	.	.	.	.	1	1	
GROUP 53	.	.	.	.	1	.	.	.	.	1	
GROUP 54	.	.	.	.	1	.	.	.	.	1	
GROUP 58	.	.	2	.	.	.	.	.	1	3	
GROUP 60	.	1	.	.	.	1	.	.	.	2	
GROUP 61	3	1	.	.	.	.	.	.	13	17	
GROUP 65	.	.	1	.	.	.	.	.	1	2	
GROUP A	.	.	.	.	.	4	.	.	.	4	
GROUP B	64	46	63	61	142	83	14	52	76	601	
GROUP C1	2	10	10	11	25	23	4	16	7	108	
GROUP C2	2	2	3	3	58	27	4	9	3	111	
GROUP D1	6	6	18	20	107	2	1	13	9	182	
GROUP D2	.	.	.	1	.	.	.	.	.	1	
GROUP E1	2	.	2	3	7	2	1	3	.	20	
GROUP E4	.	.	2	.	.	.	.	.	.	2	
GROUP F	.	.	1	.	2	.	.	.	.	3	
GROUP G	.	1	4	2	3	60	2	1	.	73	

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

	REGION										TOTAL
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific		
SEROTYPE											
GROUP H	.	.	1	.	.	1	.	.	.	.	2
GROUP I	.	.	1	1	.	3	.	.	.	.	5
GROUP J	.	.	1	.	.	.	.	.	.	.	1
GROUP K	.	.	.	.	1	.	.	.	2	.	3
GROUP L	.	.	.	.	.	.	.	.	2	.	2
GROUP O	.	.	.	.	.	1	.	.	1	.	2
GROUP P	.	.	1	.	3	.	.	.	.	.	4
GROUP Q	.	.	.	.	.	1	.	.	.	.	1
GROUP R	.	.	.	.	1	.	.	.	1	.	2
GROUP S	1	.	1	.	.	1	1	.	1	.	5
GROUP U	.	.	.	.	.	.	.	.	3	.	3
GROUP V	.	.	3	1	2	1	3	.	5	.	15
GROUP W	1	3	3	.	3	1	.	.	4	.	15
GROUP X	.	1	.	.	.	.	.	.	.	.	1
GROUP Y	1	4	1	.	4	.	1	2	2	.	15
GROUP Z	2	2	3	.	5	1	.	1	4	.	18
GRUMPENSIS	1	1	.	1	.	.	.	.	.	.	3
HAARDT	2	4	2	.	.	.	.	.	8	.	16
HADAR	93	252	125	56	91	17	34	26	118	.	812
HADDON	.	1	.	.	.	.	.	.	.	.	1

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

	REGION										TOTAL
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific		
SEROTYPE											
HAGENBECK	.	.	.	.	.	.	.	.	1	1	
HAIFA	.	.	1	.	1	.	.	.	.	2	
HAMBURG	3	.	.	1	.	.	.	.	.	4	
HARTFORD	17	36	47	8	26	12	8	3	7	164	
HATO	.	.	.	.	.	.	.	.	1	1	
HAVANA	5	6	8	1	16	1	4	.	16	57	
HEIDELBERG	164	376	398	106	263	67	106	136	479	2095	
HINDMARSH	.	.	.	.	.	1	.	.	1	2	
HOUTEN	1	1	.	.	.	.	.	1	.	3	
HULL	.	.	.	3	.	.	.	.	.	3	
HVITTINGFOSS	2	4	4	.	1	.	3	.	1	15	
IBADAN	.	3	1	.	21	1	19	1	.	46	
INDIANA	3	6	4	.	1	1	.	3	6	24	
INFANTIS	32	88	75	40	54	13	56	29	134	521	
INVERNESS	.	3	10	1	13	1	6	1	2	37	
IPSWICH	.	.	1	.	.	.	.	.	.	1	
IRCHEL	.	1	.	.	.	.	.	.	.	1	
IRUMU	4	2	4	1	3	3	.	1	13	31	
ISANGI	.	.	2	.	1	.	.	.	.	3	
ISTANBUL	.	5	1	.	.	.	.	1	3	10	

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

	REGION										TOTAL
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific		
SEROTYPE											
ITURI	.	.	.	1	1	1	1	.	1	.	
JAMAICA	.	1	.	.	3	.	.	.	2	.	
JANGWANI	.	.	.	.	2	2	2	.	.	6	
JAVA	5	41	146	13	31	16	4	10	2	268	
JAVIANA	45	55	80	62	262	42	134	35	43	758	
JOHANNESBURG	11	14	18	7	12	3	.	4	5	74	
KEDOUGOU	.	.	.	.	.	.	.	2	2	4	
KENTUCKY	9	11	10	2	7	.	3	17	21	80	
KIAMBU	1	1	3	1	.	.	1	.	7	14	
KILWA	.	.	.	.	4	.	.	.	.	4	
KINGABWA	.	.	1	.	.	.	.	.	.	1	
KINSHASA	1	.	.	.	3	.	.	.	.	4	
KINTAMBO	1	3	6	.	6	.	.	1	4	21	
KISANGANI	.	.	.	.	.	.	.	.	2	2	
KITENGE	.	1	.	.	.	.	.	.	.	1	
KOKOMLEMLE	.	1	.	.	.	.	.	1	.	2	
KOTTBUS	1	3	.	.	1	.	.	6	38	49	
KRALENDYK	4	1	2	1	1	.	.	.	1	10	
KREFELD	1	2	.	.	.	.	.	.	.	3	
KUA	.	2	.	.	.	.	.	.	.	2	

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

	REGION										TOTAL
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific		
SEROTYPE											
LABADI	•	2	•	•	•	•	•	•	•	2	
LAGOS	1	•	1	•	•	•	•	•	•	2	
LAROCHELLE	•	•	•	•	2	2	•	•	•	4	
LEXINGTON	•	•	•	•	•	1	•	•	•	1	
LIMBE	•	•	1	•	•	•	•	•	•	1	
LINDENBURG	•	•	•	•	6	2	1	•	•	9	
LITCHFIELD	12	24	27	5	15	4	5	3	20	115	
LIVERPOOL	•	•	1	•	•	•	•	•	1	2	
LIVINGSTONE	1	2	1	1	1	1	•	1	5	13	
LOCKLEAZE	1	•	1	•	•	•	•	•	•	2	
LOHBRUEGGE	•	•	1	•	•	•	•	1	•	2	
LOMALINDA	1	1	•	•	1	•	•	2	10	15	
LOMITA	•	•	•	•	•	•	•	1	1	2	
LONDON	•	7	9	2	4	•	•	9	5	36	
MADELIA	•	1	•	•	1	1	4	•	1	8	
MANHATTAN	7	20	17	4	4	•	5	1	14	72	
MAPO	1	•	•	•	•	•	•	•	•	1	
MARINA	10	16	14	5	5	1	5	1	18	75	
MATADI	1	3	2	•	•	•	2	•	2	10	
MBANDAKA	13	28	25	5	29	5	7	4	38	154	

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

	REGION										TOTAL
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific		
SEROTYPE											
MELEAGRIDIS	1	2	2	2	17	.	2	1	3	30	
MENHADEN	.	.	1	.	1	.	.	.	3	5	
MIAMI	5	16	14	.	35	1	1	2	.	74	
MICHIGAN	.	.	.	.	.	.	.	.	8	8	
MIKAWASIMA	.	.	.	.	3	.	3	.	1	7	
MINNESOTA	.	.	2	.	7	1	5	.	21	36	
MISSISSIPPI	9	5	5	2	65	31	77	1	4	199	
MOERO	.	.	.	.	.	.	.	2	.	2	
MONO	1	.	.	.	.	.	.	.	.	1	
MONSCHAUI	.	4	.	.	2	3	.	.	.	9	
MONTVIDEO	42	67	78	32	94	22	69	88	193	685	
MOREHEAD	.	.	2	.	.	.	.	.	.	2	
MOUNTPLEASANT	.	.	.	.	.	.	.	.	1	1	
MUENCHEN	63	101	121	46	205	30	71	40	77	754	
MUENSTER	13	16	15	5	9	3	12	4	10	87	
NARASHINO	.	.	.	.	.	.	.	.	1	1	
NEGEV	1	.	.	.	.	.	.	.	.	1	
NEWBRUNSWICK	9	2	1	.	3	.	3	2	.	20	
NEWHAW	.	.	2	1	.	.	.	.	1	4	
NEWINGTON	.	.	5	.	.	.	.	3	9	17	

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

		REGION									TOTAL
		New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	
SEROTYPE											
NEWPORT		179	375	221	149	707	114	485	100	236	2566
NEWROCHELLE		.	.	.	.	2	.	.	.	.	2
NIMA		.	.	.	.	.	.	.	.	1	1
NOORDHOEK		.	.	.	.	.	.	.	.	1	1
NORWICH		3	10	2	6	6	11	9	2	2	51
NOTTINGHAM		.	.	.	.	1	.	.	.	2	3
OAKLAND		.	.	.	.	.	.	.	.	1	1
OHIO		5	28	23	3	7	2	3	4	30	105
OKATIE		1	.	.	.	.	.	.	.	.	1
ONDERSTEPOORT		.	.	.	.	.	.	.	.	1	1
ONIREKE		.	.	.	.	1	.	.	.	.	1
ORANIENBURG		65	72	134	33	65	11	67	67	81	595
ORIENTALIS		.	.	.	.	1	.	.	.	1	2
ORION		.	.	.	.	.	.	.	.	1	1
OSLO		.	.	1	.	1	.	.	.	11	13
OTHMARSCHEN		.	.	.	.	.	.	.	2	.	2
OUAKAM		.	.	.	.	.	.	.	.	4	4
OVERSCHIE		1	1	1	.	.	.	.	.	.	3
PANAMA		12	26	30	8	14	5	11	20	47	173
PAPUANA		.	.	.	.	1	.	.	.	.	1

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

	REGION										TOTAL
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific		
SEROTYPE											
PARATYPHI A	4	28	12	4	12	.	1	2	23	86	
PARATYPHI B	27	15	17	4	16	7	61	25	69	241	
PARATYPHI C	.	1	.	.	.	.	.	.	1	2	
PARERA	.	1	4	.	1	.	.	1	.	7	
PENSACOLA	3	.	1	.	4	.	3	.	.	11	
PHOENIX	.	.	2	.	.	1	5	.	1	9	
PLYMOUTH	.	.	.	.	.	.	.	.	1	1	
POANO	.	1	.	.	.	.	.	.	1	2	
POMONA	1	2	3	2	1	.	3	3	8	23	
POONA	45	97	89	26	59	24	47	54	90	531	
PORTSMOUTH	.	.	.	.	.	.	.	.	1	1	
POTSDAM	.	1	1	.	.	.	.	.	3	5	
PRAHA	.	1	.	.	.	.	.	.	.	1	
PUTTEN	1	.	.	1	1	.	.	.	5	8	
QUIMBAMBA	.	1	.	.	2	.	.	.	.	3	
RAUS	.	.	.	.	1	.	1	.	.	2	
READING	37	38	26	10	20	4	8	8	46	197	
REGENT	.	.	.	.	.	2	.	.	.	2	
REMO	.	.	1	.	.	.	.	.	.	1	
RICHMOND	1	4	.	.	1	.	.	.	1	7	

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

	REGION										TOTAL
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific		
SEROTYPE											
RIOGRANDE	•	•	1	•	•	•	•	•	•	1	
RISSEN	•	•	1	•	•	•	•	•	•	4	
ROMANBY	•	•	1	•	2	1	1	•	•	5	
ROTERBERG	•	•	1	•	•	•	•	•	•	1	
RUBISLAW	9	8	9	1	26	4	18	2	6	83	
SAINTPAUL	25	67	72	33	72	16	22	66	94	467	
SALINATIS	•	•	•	•	1	•	•	•	2	3	
SANDIEGO	7	13	16	8	5	6	17	24	21	117	
SANGERA	•	1	•	•	•	•	•	•	•	1	
SANTIAGO	•	•	•	•	•	•	•	•	1	1	
SAPHRA	•	1	•	•	•	•	7	1	2	11	
SCHLEISSHEIM	•	•	•	2	•	3	•	•	•	5	
SCHWARZENGRUND	21	36	24	3	26	5	17	7	23	162	
SEMINOLE	•	•	•	•	1	•	•	•	•	1	
SENDAI	•	•	•	•	•	•	•	•	1	1	
SENFTENBERG	5	13	14	5	10	3	5	5	31	91	
SHARON	•	•	•	•	•	1	•	•	•	1	
SHUBRA	1	•	4	3	•	•	•	•	1	9	
SIMI	•	2	•	•	•	•	•	•	•	2	
SINGAPORE	•	•	•	•	•	•	1	•	3	4	

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

	REGION										TOTAL
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific		
SEROTYPE											9
SINSTORF	.	.	.	.	2	.	.	7	.		
SKANSEN	.	.	.	.	1	.	.	.	.		1
SOAHANINA	.	.	1	.	.	.	.	.	.		1
STANLEY	27	65	123	22	55	8	11	63	107		481
STANLEYVILLE	2	44	2	2	.	.	.	.	1		51
STELLINGEN	.	1	.	.	.	.	.	1	.		2
STENDAL	.	.	1	.	.	.	.	.	.		1
STERRENBOS	.	.	.	.	1	.	.	.	.		1
SUBSPECIES I	.	18	.	3	2	.	2	1	.		26
SUBSPECIES II	.	2	2	1	.	.	2	.	.		7
SUBSPECIES III	1	.	.	.	.	.	.	.	.		1
SUBSPECIES IIIA	.	3	.	.	14	.	.	.	3		20
SUBSPECIES IIIA/IIIB	2	.	5	2	12	4	5	7	.		37
SUBSPECIES IIIB	1	3	3	2	1	1	.	3	12		26
SUBSPECIES IV	.	9	4	6	1	4	1	2	4		31
SUBSPECIES V	.	1	.	.	.	.	.	.	.		1
SUBSPECIES VI	.	1	.	.	.	.	.	.	.		1
SUNDSVALL	.	1	2	.	.	.	12	.	2		17
SYDNEY	.	.	1	.	.	.	.	.	.		1
TAKORADI	.	.	1	.	.	.	.	.	.		1

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

		REGION									TOTAL
		New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	
SEROTYPE											
TALLAHASSEE		•	1	2	1	2	•	•	•	•	6
TAMBACOUNDA		•	•	•	•	•	•	•	3	•	3
TANANARIVE		•	•	•	•	•	•	•	•	•	1
TANGER		•	•	•	1	•	•	•	•	•	1
TELAVIV		•	1	•	•	•	•	•	•	•	1
TELELKEBIR		1	•	1	•	1	•	•	•	1	4
TENNESSEE		5	12	25	8	9	8	4	4	37	112
THOMASVILLE		•	•	•	•	1	•	•	•	•	1
THOMPSON		67	117	93	20	66	16	51	22	173	625
TILENE		•	•	2	•	•	•	2	•	•	4
TOKOIN		2	1	•	•	•	•	•	•	•	3
TOUCRA		•	1	•	•	1	•	•	•	1	3
TSEVIE		1	•	•	•	•	•	•	•	•	1
TSHIONGWE		•	•	•	•	1	•	1	•	•	2
TUCSON		•	•	•	•	•	•	•	1	1	2
TUINDORP		•	1	•	•	•	•	•	•	•	1
TYGERBERG		•	•	•	•	•	•	•	•	2	2
TYPHI		39	128	52	14	47	5	31	8	118	442
TYPHIMURIUM		662	2025	1468	691	1429	338	623	598	1313	9147
TYPHIMURIUM VAR COPE		186	•	•	•	•	•	•	•	369	555

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

	REGION										TOTAL
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific		
SEROTYPE											
UGANDA	2	7	6	1	2	.	.	2	8	28	
UNKNOWN	29	29	34	21	95	626	26	43	49	952	
UPPSALA	.	.	1	.	.	.	.	.	.	1	
URBANA	4	15	14	7	10	2	6	5	9	72	
UZARAMO	1	1	2	.	.	.	.	.	1	5	
VANCOUVER	.	.	.	.	.	.	.	.	1	1	
VEJLE	.	.	.	.	.	.	.	.	2	2	
VICTORIA	.	.	.	.	.	.	.	1	.	1	
VIETNAM	.	.	.	.	.	1	.	.	.	1	
VILVOORDE	.	.	.	.	.	.	.	1	.	1	
VIRCHOW	6	5	5	5	4	2	2	2	29	60	
VIRGINIA	.	3	.	1	.	2	.	.	1	7	
VRIDI	1	.	.	.	.	.	.	.	.	1	
WANDSWORTH	1	4	2	1	1	.	.	3	2	14	
WANGATA	.	.	.	.	.	.	.	.	1	1	
WARAL	.	.	.	.	1	.	.	.	.	1	
WASHINGTON	.	.	.	.	1	.	.	.	1	2	
WASSENAAR	9	7	6	.	1	1	1	.	3	28	
WAYNE	.	.	.	.	.	.	2	.	.	2	
WELTEVREDEN	3	9	1	.	1	.	.	.	75	89	

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 1995

	REGION									TOTAL
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	
SEROTYPE										
WESLACO	.	.	.	.	.	.	1	.	.	1
WESTHAMPTON	.	.	.	.	.	.	.	1	2	3
WIEN	.	1	.	.	.	.	.	.	.	1
WILLEMSTAD	.	.	.	.	.	.	.	1	.	1
WORTHINGTON	1	14	13	2	3	4	6	.	7	50
ZAIMAN	.	1	.	.	.	.	.	.	.	1
ZANZIBAR	1	.	.	.	.	.	.	.	1	2
TOTAL	3884	8184	5891	2094	6126	1980	2745	2492	7826	41222

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND USDA BY SEROTYPE AND SOURCE, 1995

SEROTYPE	NONHUMAN SOURCE										TOTAL
	CHICKEN INCLUDING EGGS	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMAL / ENVIRONMENT	FEED AND FEED SUPPLY	OTHER BIRD/WILD ANIMAL	REPTILE / ENVIRONMENT	ALL OTHER	
ABAEETETUBA									4	2	6
ABERDEEN									1	1	2
ABONY								1	2		3
ADELAIDE	35	1				1	3		1	1	42
ADERIKE									1		1
AGONA	91	131	193	31	3	5	45			58	557
ALACHUA	23			5						4	32
ALBANY	24	1		2		4	2		1	2	36
AMAGER	1	4		1			1				7
AMSTERDAM	1	4	2	1			5		1	1	15
ANATUM	27	72	70	106	2	3	9	2		82	373
AQUA									2		2
ARECHAVALETA				2	1						3
ARKANSAS	6	8	1	1			10			1	27
ASKRAAL			1								1
ATENTO										1	1
BAILDON										1	1
BALBOA										1	1
BANANA			4	2		3	2			2	13
BARDO	1	4	1	3		2	1		3	4	19
BAREILLY	4			1						5	10

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND USDA BY SEROTYPE AND SOURCE, 1995

SEROTYPE	NONHUMAN SOURCE										TOTAL
	CHICKEN INCLUDING EGGS	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMAL / ENVIRONMENT	FEED AND FEED SUPPLY	OTHER BIRD/WILD ANIMAL	REPTILE / ENVIRONMENT	ALL OTHER	
BATONROUGE										1	1
BERE	2									1	3
BERN										3	3
BERTA	49	2		2			2			4	59
BIETRI	4	14	2				4				24
BINZA	3	4	3								10
BLEGDAM										6	6
BLOCKLEY		3		1						4	8
BLUKWA		1							1		2
BONAIRE										2	2
BORNUM	1						1				2
BOVISMORBIFICANS			3	1						3	7
BRAENDERUP	160	10	3	3	2		8		4	24	214
BRANDENBURG	9	666	72	5		2	4	5		9	772
BREDENEY	17	269	19	6		1	2	23	1	20	358
BUZU									1		1
CARRAU									4	6	10
CERRO	32	16		65	1	1	18	1		2	136
CHAMELEON									6	2	8
CHESTER		5						1	2	2	10
CHOLERAESUIS			110							1	111

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND USDA BY SEROTYPE AND SOURCE, 1995

SERO TYPE	NONHUMAN SOURCE										TOTAL
	CHICKEN INCLUDING EGGS	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMAL / ENVIRONMENT	FEED AND FEED SUPPLY	OTHER BIRD/WILD ANIMAL	REPTILE / ENVIRONMENT	ALL OTHER	
CHOLERAESUIS VAR KUN			496	3		1				3	503
COLINDALE										1	1
CUBANA	13	23	5	1			10		3	22	77
DAYTONA										1	1
DENVER				1							1
DERBY	10	22	816	19	1	1	19	1		29	918
DRYPOOL	10	1					6			2	19
DUBLIN			3	164		3		1		26	197
EASTBOURNE									1	1	2
EIMSBUETTTEL	1		3				1				5
ELISABETHVILLE										1	1
ENTERITIDIS	3165	21	39	34		4	9	2	2	320	3596
ESSEN										1	1
FALKENSEE							1				1
FLINT									5	3	8
FLORIDA	1										1
FRESNO									4	1	5
GALLINARUM	1										1
GAMINARA	3					1			1	3	8
GEORGIA									1		1
GERA	1	2					7				10

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND USDA BY SEROTYPE AND SOURCE, 1995

		NONHUMAN SOURCE										
		CHICKEN INCLUDING EGGS	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMAL / ENVIRONMENT	FEED AND FEED SUPPLY	OTHER BIRD/WILD ANIMAL	REPTILE / ENVIRONMENT	ALL OTHER	TOTAL
SEROTYPE												
GIVE		1	10	4	29	1		3		6	8	62
GLOSTRUP							1			9	1	11
GROUP 52										1		1
GROUP 53										1		1
GROUP 60										1		1
GROUP 61							2					2
GROUP B			2	4	20		1	2	1	1		31
GROUP C1			1							1		2
GROUP C2												3
GROUP E1					1		1	1				3
GROUP E4			2									2
GROUP F						1						1
GROUP J									1	1		2
GROUP K			8							1		9
GROUP P										1		1
GROUP V										2		2
GROUP W										2		2
GROUP X										3		3
GROUP Y										6		6
HAARDT			1					1			1	3
HADAR		413	172	4	21		1	17	23	3	113	767

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND USDA BY SEROTYPE AND SOURCE, 1995

	NONHUMAN SOURCE										TOTAL
	CHICKEN INCLUDING EGGS	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMAL / ENVIRONMENT	FEED AND FEED SUPPLY	OTHER BIRD/WILD ANIMAL	REPTILE / ENVIRONMENT	ALL OTHER	
SEROTYPE											
HAGENBECK									1		1
HARMELEN									2		2
HARTFORD				4						4	8
HATO	1										1
HAVANA	7	25	6	8	1		19		2	12	80
HEIDELBERG	1527	261	240	18		1	22	33		197	2299
HIDALGO										3	3
HOLCOMB										1	1
HOUTEN										1	1
HVITTINGFOSS	2										2
ILLINOIS				1			2				3
INDIANA	2	7					1			4	14
INFANTIS	55	14	30	11	1		20			31	162
INVERNESS									2		2
IRUMU									3		3
ISTANBUL	169	14	2				1	1		9	196
JAVA				8	3	2	1		1	13	28
JAVIANA		36		6			1			10	53
JOHANNESBURG	25	14	9		1		27		1	4	81
KENTUCKY	467	62	13	180	1		37	12		60	832
KIAMBU	4			1			2			2	9

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND USDA BY SEROTYPE AND SOURCE, 1995

	NONHUMAN SOURCE										TOTAL
	CHICKEN INCLUDING EGGS	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMAL / ENVIRONMENT	FEED AND FEED SUPPLY	OTHER BIRD/WILD ANIMAL	REPTILE / ENVIRONMENT	ALL OTHER	
SEROTYPE											
KINTAMBO									2		2
KISARAWÉ									2	1	3
KOKOMLEMLE									1	1	2
KRALENDYK									2	2	4
KREFELD						2				5	7
LEXINGTON	10	2	1				6				19
LILLE	16	3		4			10			1	34
LITCHFIELD	1	2	6				1		1	3	14
LIVINGSTONE	7	10	16				18		1	4	56
LOHBRUEGGE									4		4
LOME									2		2
LONDON		4	5	1		1				6	17
MAASTRICHT	1						1				2
MADELIA										1	1
MANHATTAN		1	5					1		3	10
MARICOPA										1	1
MARINA			3	1					15	2	21
MATOPENI										1	1
MBANDAKA	98	56	79	30			39	1		20	323
MELEAGRIDIS	9	2	2	29			3			1	46
MENHADEN				1							1

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND USDA BY SEROTYPE AND SOURCE, 1995

	NONHUMAN SOURCE										TOTAL
	CHICKEN INCLUDING EGGS	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMAL / ENVIRONMENT	FEED AND FEED SUPPLY	OTHER BIRD/WILD ANIMAL	REPTILE / ENVIRONMENT	ALL OTHER	
SEROTYPE											
MIKAWASIMA										1	1
MINNESOTA	1	1	4	3					1	1	11
MISSISSIPPI					1					1	2
MOLADE	2	4					5				11
MONTEVIDEO	107	331	15	130	1	4	59	2	9	43	701
MOUNTPLEASANT					1	1		1	1		4
MUENCHEN	15	6	4	10	1	1	1		7	20	65
MUENSTER	8	389	12	98			17	5	4	27	560
NEUBRUNSWICK		7	9	7						1	24
NEUHAW	13						3				16
NEWINGTON	4	3		11			3			1	22
NEWPORT	55	4	8	50	4	3	1		16	116	257
NORWICH										6	6
OFFA									1		1
OHIO	50	33	4	39			7	2		8	143
ONDERSTEEPOORT									1		1
ORANIENBURG	33	29	3	4	2	30	18		9	40	168
ORIENTALIS									1		1
ORION	3	9					6			7	25
OSLO									1		1
OUAKAM				1							1

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND USDA BY SEROTYPE AND SOURCE, 1995

SERO TYPE	NONHUMAN SOURCE										TOTAL
	CHICKEN INCLUDING EGGS	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMAL / ENVIRONMENT	FEED AND FEED SUPPLY	OTHER BIRD/WILD ANIMAL	REPTILE / ENVIRONMENT	ALL OTHER	
PANAMA	1	2		30					1	3	37
PARERA									6	1	7
PATIENCE									1		1
PHOENIX						1			4	1	6
POMONA		1		1			6		1		9
POONA		1		3		1			32	4	41
PULLORUM	9									4	13
PUTTEN	9	14				2	3				28
QUINIOLA										2	2
READING	1	93	3	8			7			9	121
RISSEN		1									1
ROMANBY						1					1
ROSTOCK										1	1
RUBISLAW	2				2		3		5	5	17
SAINTPAUL	2	139	6	1		1	5	12	2	24	192
SANDIEGO									1	5	6
SCHWARZENGRUND	169	34	104	7			19	1	1	13	348
SENFTEMBERG	112	234	15	10	2	8	50	8	2	44	485
SOAHANINA										1	1
STANLEY									1	2	3
STANLEYVILLE	15										15

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND USDA BY SEROTYPE AND SOURCE, 1995

	NONHUMAN SOURCE										TOTAL
	CHICKEN INCLUDING EGGS	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMAL / ENVIRONMENT	FEED AND FEED SUPPLY	OTHER BIRD/WILD ANIMAL	REPTILE / ENVIRONMENT	ALL OTHER	
SEROTYPE											
SUBSPECIES I			1								1
SUBSPECIES III									1		1
SUBSPECIES IIIA						1				1	2
SUBSPECIES IIIA/IIIB		2			2			27	13	5	49
SUBSPECIES IIIB									2		2
SUBSPECIES IV									7		7
SUBSPECIES V									2		2
SUNDSVALL									1		1
TAKSONY			1	2							3
TENNESSEE	13	17	9	3		1	21			6	70
THOMASVILLE	3	12	7	2			19			3	46
THOMPSON	19	2	3	17	3	2	19		3	49	117
TILENE						1				3	4
TUINDORP									1	2	3
TYPHIMURIUM	374	95	231	758	25	77	9	25	1	487	2082
TYPHIMURIUM VAR COPE	104	69	357	562	7	16	22	21	1	264	1423
TYPHISUIS			2								2
UGANDA	4	34	2	11	4	2	2	1	1	6	67
UNKNOWN		2		2	1				16	6	27
UPHILL									1		1
URBANA		1							6	2	9

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND USDA BY SEROTYPE AND SOURCE, 1995

	NONHUMAN SOURCE										TOTAL
	CHICKEN INCLUDING EGGS	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMAL / ENVIRONMENT	FEED AND FEED SUPPLY	OTHER BIRD/WILD ANIMAL	REPTILE / ENVIRONMENT	ALL OTHER	
SEROTYPE											
VANCOUVER										2	2
VIRGINIA				2			1				3
WASSENAAR				1					2		3
WAYCROSS										2	2
WELTEVREDEN										2	2
WESLACO										1	1
WINDERMERE										1	1
WORTHINGTON	51	32	64	1			27	3		13	191
YORUBA			1								1
YOVOKOME		3								2	5
TOTAL	7689	3597	3140	2610	77	195	738	219	299	2444	21008