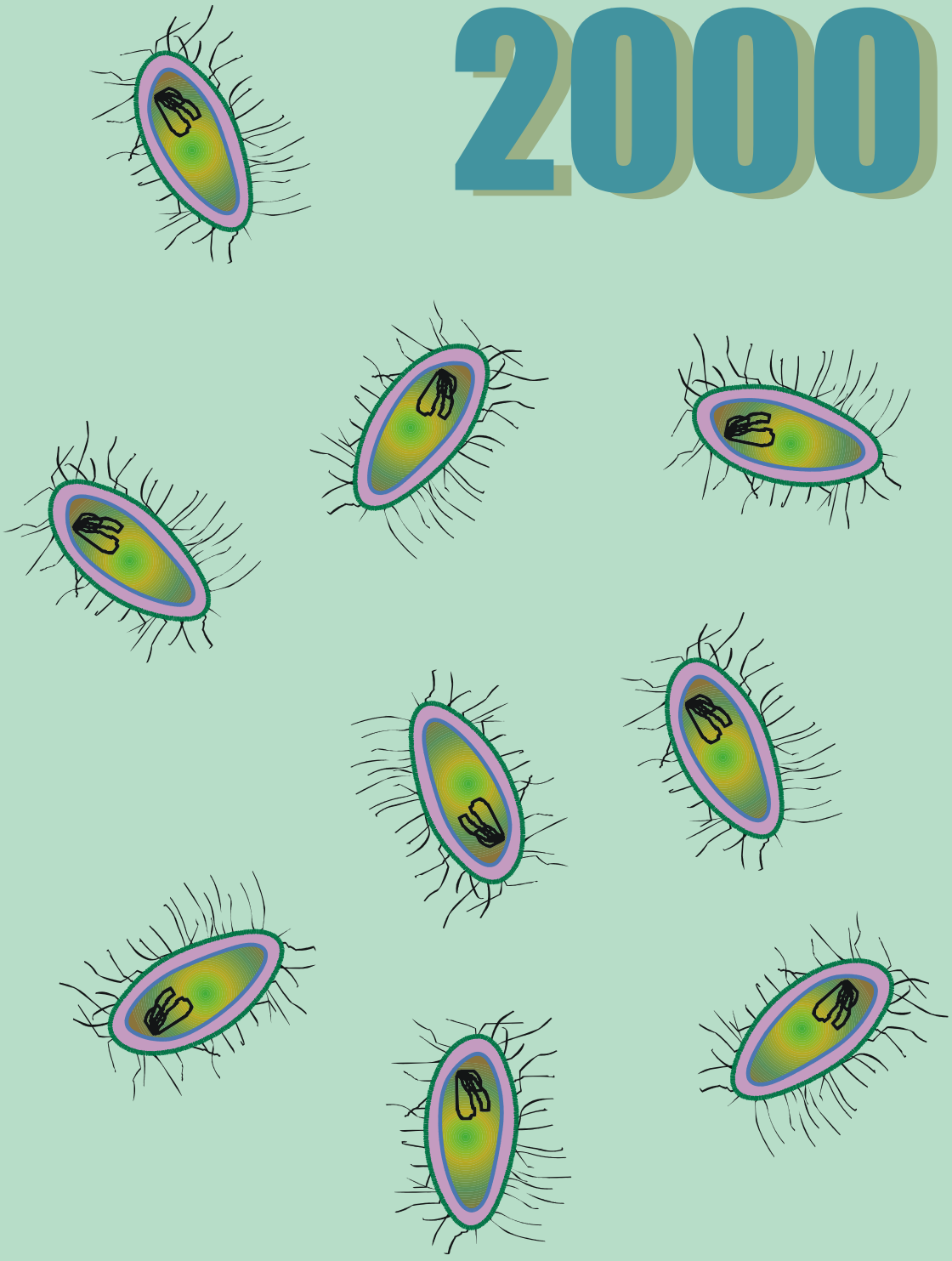
Salmonella

Annual Summary

2000



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
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National *Salmonella* Surveillance System
Annual Summary, 2000

This issue of the Annual Summary of the National *Salmonella* Surveillance System contains surveillance data on reported laboratory-confirmed *Salmonella* isolates in the United States for the year 2000. 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 (FDDB) and the Biostatistics and Information Management Branch (BIMB) of the Division of Bacterial and Mycotic Diseases in the National Center for Infectious Diseases.

The National *Salmonella* Surveillance System is based on data collected by state and territorial public health laboratories. *Salmonella* isolates are submitted to the state public health laboratory by clinical diagnostic laboratories. The state and territorial laboratories confirm the isolates as *Salmonella,* perform serotyping according to the modified Kauffmann-White scheme, and submit the data for reporting through PHLIS. Unusual or difficult isolates are forwarded to the National *Salmonella* Reference Laboratory at the Centers for Disease Control and Prevention for further characterization or confirmation. These results are reported back to the state laboratory, where they are reported through PHLIS.

The capture of isolates in the National *Salmonella* Surveillance System is considered to be fairly complete. However, some *Salmonella* isolates may not be forwarded to public health laboratories, and therefore are not reported. In addition, irrespective of the surveillance system, many cases of *Salmonella* illness are not reported because the ill person does not seek medical care, the health-care provider does not obtain a specimen for diagnosis, or the laboratory does not preform the necessary diagnostics tests. The results of surveillance reported herein should be considered underestimates.

The number of isolates reported by geographic area (e.g., state) represents the state where laboratory confirmation and serotyping were performed. In some instances, the reporting state is not 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 Tabulation Summaries, duplicate records are deleted.

The data presented for *Salmonella* isolates from animals and related sources (e.g., environment and feeds) are gathered from isolates submitted to the U.S. Department of Agriculture, Animal and Plant Health Inspection Services, National Veterinary Services Laboratories (USDA/APHIS/NVSL) for serotyping. These isolates are submitted by animal disease diagnostic laboratories and the USDA, Food Safety and Inspection Service (FSIS) laboratories throughout the United States. Data from U. S.

laboratories that serotype *Salmonella* from animals and related sources and submit isolates to the NVSL are also included in this report. *Salmonella* serotyping results from clinical cases of animal disease are designated in Table 6 as "clinical." Serotyping results from herd and flock monitoring and surveillance, feed sample testing, environmental testing, research projects, and isolates from USDA, FSIS food testing programs are designated as "nonclinical" (Table 7). Samples from nonhuman sources are tested for *Salmonella* for a variety of purposes and are obtained in a variety of ways. The sampling is therefore neither complete nor random and probably has sampling biases. The interpretation of data should consider this limitation.

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.

The Surveillance Outbreak Detection Algorithm (SODA), developed by BIMB and FDDB, is a statistical algorithm based on the PHLIS. It is designed to detect unusual clusters of *Salmonella* isolations. SODA compares current *Salmonella* isolates reported through PHLIS by serotype with a 5-year historical baseline for that serotype and week to detect unusual increases from the baseline. Analyses can be conducted at state, regional, or national levels. Since 1996, SODA has been implemented at CDC and selected state health departments. For more information on SODA, please call the PHLIS Helpdesk (404) 639-3365.

Annual Summary Highlights for 2000

Human Sources

A total of 32,022 *Salmonella* isolates were reported from public health laboratories in 50 states in 2000. This represents a 24% decrease compared with 1990 and a 2% decrease from 1999. The national rate of reported *Salmonella* isolates in 2000 was 11.4 per 100,000 population based on 2000 census population figures for the United States.

Similar to other years, *Salmonella* was isolated most frequently from children under 5 years of age, accounting for 25% of isolates. About 10% of isolates came from persons in each of the second through fifth decades of life, with declining numbers thereafter. The distribution of isolates between the sexes was similar.

The 20 most common serotypes of *Salmonella* in 2000 are listed in Table 1. These represent 81% of all *Salmonella* isolates. Of the top 20 serotypes, those with the largest percent decrease in numbers compared with 1990 were *S*. Hadar and *S*. Agona. *S*. Java and *S*. Poona had the largest percent increase in number. The two most common serotypes, *S*. Typhimurium and *S*. Enteritidis, had substantial

decreases in number compared with 1990 (20% and 29%, respectively), while the third most common serotype, *S*. Newport, had a 65% increase in number over the decade (Table 8). In 2000, serotypes *S*. Java, *S*. Poona, *S*. Mississippi and *S*. Stanely increased in rank to be included in the top 20 serotypes, whereas *S*. Reading, *S*. Chester, *S*. Panama and *S*. Anatum dropped from the top 20 serotypes compared with 1990.

The three most common serotypes of *Salmonella* in 2000 (Typhimurium, Enteritidis, and Newport, respectively) accounted for 51% of isolates. Compared with 1990, the frequency rank of *S.* Typhimurium and *S.* Enteritidis in 2000 remained first and second, respectively, though in 1994-1996 their rank was temporarily reversed (1). A large proportion of *S.* Typhimurium isolates were resistant to multiple drugs; in a 1999 national survey 49% were resistant to one or more drugs and 28% had a 5-drug resistance pattern characteristic of a single phage type, DT104 (2).

Similar to other years, there were marked regional differences in the frequency of *Salmonella* isolates among serotypes. The rate of isolations by region has been followed closely for *S.* Enteritidis as a means of assessing the impact of egg safety regulations and industry improvements. As indicated in Figure 1, *S.* Enteritidis rates of isolation had been relatively high in the New England, Mid-Atlantic and Pacific regions, but have shown significant decreases since 1995.

Nonhuman Sources

Data on *Salmonella* isolates obtained from nonhuman sources can help identify possible sources of human illness (1). In 2000, *S.* Heidelberg was the most common serotype found among clinical and nonclinical samples from both chicken and turkey sources, whereas *S.* Typhimurium was most common among porcine and bovine sources. Chickens are also the predominant source of both *S*. Kentucky and *S*. Enteritidis nonclinical isolates. These food animals may be the source of these common *Salmonella* infections in humans, but more information is required to determine the link.

References

1. Olsen SJ, Bishop R, Brenner FW, Roels TH, Bean N, Tauxe TV, Slusker L. The changing epidemiology of *Salmonella*: Trends in serotypes isolated from humans in the United States, 1987-1997. J Clin Microbiol 2001;183:753-61.

2. CDC. The National Antimicrobial Resistance Monitoring System: Enteric Bacteria. Available at www.cdc.gov./ncidod/dbmd/narms.

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Recommended Reference Citation:

CDC. *Salmonella* Surveillance: Annual Summary, 2000. Atlanta, Georgia: US Department of Health and Human Services, CDC, 2001.

Single copies of *Salmonella: Annual Summary 2000* are available in multiple formats from:

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TABLE 1
THE 20 MOST FREQUENTLY REPORTED SALMONELLA SEROTYPES
FROM HUMAN SOURCES REPORTED TO CDC IN 2000 AND FROM
CLINICAL AND NON-CLINICAL NONHUMAN SOURCES REPORTED TO CDC AND NVSL IN 2000

HUMAN 2000				CLINICAL NONHUMAN 2000				NON-CLINICAL NONHUMAN 2000			
RANK	SEROTYPE	NUMBER	PERCENT	RANK	SEROTYPE	NUMBER	PERCENT	RANK	SEROTYPE	NUMBER	PERCENT
1	TYPHIMURIUM *	7085	22.1	1	TYPHIMURIUM *	2197	31.3	1	HEIDELBERG	3059	28.2
2	ENTERITIDIS	6224	19.4	2	HEIDELBERG	606	8.6	2	TYPHIMURIUM *	1384	12.8
3	NEWPORT	2975	9.3	3	NEWPORT	462	6.6	3	KENTUCKY	807	7.4
4	HEIDELBERG	1661	5.2	4	AGONA	315	4.5	4	BERTA	545	5.0
5	JAVIANA	1167	3.6	5	DERBY	264	3.8	5	SENFTENBERG	504	4.6
6	MONTEVIDEO	799	2.5	6	MONTEVIDEO	196	2.8	6	MONTEVIDEO	485	4.5
7	MUENCHEN	605	1.9	7	CHOLERAESUIS **	181	2.6	7	ANATUM	335	3.1
8	INFANTIS	577	1.8	8	MUENSTER	175	2.5	8	AGONA	315	2.9
9	THOMPSON	569	1.8	9	WORTHINGTON	174	2.5	9	HADAR	290	2.7
10	ORANIENBURG	538	1.7	10	ANATUM	168	2.4	10	ENTERITIDIS	236	2.2
11	SAINTPAUL	522	1.6	11	BREDENEY	144	2.0	11	READING	214	2.0
12	BRAENDERUP	507	1.6	12	DUBLIN	130	1.9	12	MUENSTER	209	1.9
13	JAVA	434	1.4	13	SENFTENBERG	117	1.7	13	DERBY	194	1.8
14	AGONA	382	1.2	14	KENTUCKY	91	1.3	14	SCHWARZENGRUND	182	1.7
15	TYPHI	368	1.1	15	INFANTIS	89	1.3	15	MBANDAKA	173	1.6
16	HADAR	330	1.0	16	UGANDA	89	1.3	16	INFANTIS	156	1.4
17	POONA	322	1.0	17	CERRO	79	1.1	17	NEWPORT	146	1.3
18	BERTA	295	0.9	18	MBANDAKA	71	1.0	18	CERRO	145	1.3
19	MISSISSIPPI	285	0.9	19	MELEAGRIDIS	66	0.9	19	OHIO	115	1.1
20	STANLEY	233	0.7	20	SAINTPAUL	62	0.9	20	BRAENDERUP	109	1.0
	SUB TOTAL	25878	80.8		SUB TOTAL	5676	80.8		SUB TOTAL	9603	88.6
	TOTAL	32022			TOTAL	7027			TOTAL	10841	

* TYPHIMURIUM INCLUDES VAR. COPENHAGEN
** CHOLERAESUIS INCLUDES VAR. KUNZENDORF

TABLE 2
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY AGE AND SEX, 2000

	Sex			
	FEMALE	MALE	UNKNOWN	TOTAL
AGEGROUP				
< 1 YR	1503	1560	195	3258
1 TO 4 YRS	2212	2496	187	4895
5 TO 9 YRS	1149	1332	88	2569
10 TO 19 YRS	1232	1567	86	2885
20 TO 29 YRS	1640	1409	100	3149
30 TO 39 YRS	1542	1373	84	2999
40 TO 49 YRS	1461	1167	102	2730
50 TO 59 YRS	1194	844	74	2112
60 TO 69 YRS	864	566	54	1484
70 TO 79 YRS	760	470	43	1273
80+ YEARS	562	281	26	869
UNKNOWN AGE	1403	1337	1059	3799
TOTAL	15522	14402	2098	32022

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
AARHUS	.	1	4	13	6	.	6	16	9	6	7	68
ABA	.	1	.	.	.	.	.	.	.	.	4	5
ABAETETUBA	5	3	1	2	10	10	17	8	7	7	5	75
ABERDEEN	2	3	3	5	1	5	2	3	4	4	12	44
ABONY	3	4	2	3	6	9	2	3	6	4	1	43
ABORTUSBOVIS	.	.	.	.	1	.	.	.	.	.	.	1
ABORTUSEQUI	.	.	.	.	.	.	.	1	.	.	.	1
ACRES	.	.	.	.	.	.	1	.	.	.	.	1
ADELAIDE	64	61	96	74	110	98	88	70	72	95	40	868
AEQUATORIA	.	.	.	.	.	.	.	1	.	1	.	2
AFLAO	.	.	.	.	.	.	1	.	.	1	.	2
AFRICANA	.	.	.	.	.	.	.	.	2	6	.	8
AGAMA	1	1	1	.	4	3	2	2	2	2	1	19
AGBENI	1	2	3	1	3	5	1	3	.	1	13	33
AGEGE	.	.	.	.	.	.	1	.	.	.	.	1
AGO	.	.	.	.	.	1	.	1	1	.	1	4
AGONA	980	1006	750	651	753	683	606	740	991	528	382	8070
AGOUEVE	.	.	1	.	2	2	4	3	6	2	2	22
AHMADI	.	1	.	.	.	.	.	.	.	.	.	1
AHUZA	.	.	.	.	.	.	1	.	.	.	2	3
AJIOBO	.	.	.	1	.	.	.	2	2	.	2	7

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
ALABAMA	1	.	3	.	1	1	2	2	2	4	1	17
ALACHUA	48	16	28	55	70	52	39	18	14	22	19	381
ALAMO	.	.	.	2	.	1	.	.	1	.	.	4
ALBANY	42	23	24	30	29	49	26	21	23	17	18	302
ALBERT	1	.	.	.	2	1	1	.	.	.	.	5
ALBUQUERQUE	.	.	.	1	.	.	.	.	.	.	.	1
ALLANDALE	.	.	.	.	.	.	.	.	1	.	1	2
ALTENDORF	.	1	.	.	.	.	.	.	.	.	.	1
ALTONA	.	1	.	.	1	.	1	1	.	1	4	9
AMAGER	1	1	3	2	.	6	1	8	3	4	7	36
AMERSFOORT	.	.	1	.	.	.	.	.	.	.	.	1
AMSTERDAM	4	2	3	3	4	11	2	9	5	6	2	51
ANATUM	285	232	158	194	146	174	271	208	138	157	170	2133
ANECHO	5	1	1	2	.	2	5	2	2	2	1	23
ANK	.	.	.	.	1	.	2	.	.	.	.	3
ANNEDAL	.	.	.	.	.	.	1	.	.	.	.	1
ANTONIO	1	1	.	.	.	.	.	.	.	.	.	2
ANTSALOVA	.	.	.	.	1	2	1	.	2	.	3	9
APAPA	.	.	.	.	.	.	.	2	.	2	4	8
APEYEME	.	.	.	.	.	.	.	.	.	1	1	2
AQUA	.	1	1	1	.	3	2	1	.	.	2	11

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
ARAGUA	.	.	.	.	.	.	1	1	1	.	1	4
ARECHAVALETA	.	5	4	1	4	6	6	9	4	3	9	51
ARGENTINA	.	.	1	.	.	.	.	.	.	.	.	1
ARKANSAS	12	6	1	.	.	.	.	1	2	4	2	28
ASHANTI	.	1	.	.	.	.	.	.	.	.	.	1
ASSEN	2	.	.	.	.	.	.	.	.	1	1	4
ASSINIE	.	.	.	1	.	.	.	.	.	.	.	1
ATHINAI	.	.	.	.	.	.	.	.	1	.	.	1
AUGUSTENBORG	2	2	.	1	.	.	.	2	.	.	.	7
AVIGNON	1	.	.	.	1	.	.	.	.	.	.	2
AZTECA	1	.	.	1	.	.	.	.	.	1	.	3
BABELSBERG	1	.	.	.	.	.	.	.	.	.	1	2
BAGUIDA	.	.	.	1	.	.	.	.	.	.	.	1
BAHATI	.	.	.	.	.	.	1	.	.	.	.	1
BAHRENFELD	.	.	.	1	.	.	.	1	.	.	.	2
BAILDON	.	1	1	1	1	14	5	5	73	77	4	182
BALL	1	.	.	.	.	.	2	.	.	.	.	3
BANANA	.	1	1	1	.	.	1	1	1	.	1	7
BANCO	.	.	.	.	.	.	.	.	2	.	.	2
BARDO	33	11	4	8	8	1	28	10	9	13	18	143
BAREILLY	111	117	94	105	83	109	115	112	153	171	180	1350

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
BARRANQUILLA	.	.	.	.	.	.	1	.	.	1	.	2
BEAUDESERT	.	.	.	.	.	.	.	.	.	.	1	1
BELEM	.	3	1	.	.	.	.	.	.	1	.	5
BELFAST	.	1	.	.	.	.	.	.	.	.	.	1
BENFICA	1	.	.	.	.	2	1	.	1	1	.	6
BENIN	.	.	.	.	1	.	1	.	.	.	.	2
BERE	.	3	1	1	2	1	1	8	1	.	.	18
BERGEN	.	.	.	.	.	.	.	.	.	1	2	3
BERKELEY	.	.	.	.	.	.	.	.	1	.	.	1
BERLIN	.	.	.	1	.	.	.	.	.	.	.	1
BERN	.	.	.	.	.	.	.	.	.	2	2	4
BERTA	487	419	333	401	399	367	118	87	123	143	295	3172
BINZA	2	5	1	1	2	1	.	.	1	1	.	14
BIRKENHEAD	.	.	.	.	2	.	2	7	4	.	2	17
BISPEBJERG	.	.	.	.	.	.	1	1	.	.	.	2
BLEADON	.	.	.	.	.	.	.	.	.	.	1	1
BLEGDAM	2	5	2	6	6	.	2	4	3	1	2	33
BLIJDORP	.	.	.	.	.	.	1	.	.	.	.	1
BLOCKLEY	147	132	86	89	76	55	51	62	61	54	23	836
BLUKWA	.	.	.	.	.	.	1	1	.	.	.	2
BOCHUM	.	.	.	.	.	.	.	.	5	1	.	6

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
BOLTON	.	.	.	.	.	.	.	.	.	.	1	1
BONAIRE	1	.	1	1	.	1	1	.	.	1	.	6
BONAMES	2	.	.	.	.	.	.	.	.	.	1	3
BONARIENSIS	.	9	4	6	.	5	3	3	6	4	3	43
BONGOR	.	.	.	.	.	1	1	.	.	.	1	3
BONN	2	.	.	.	7	4	1	.	1	.	1	16
BORBECK	.	.	.	.	.	1	.	.	.	.	1	2
BORNUM	.	.	1	.	.	.	.	.	.	.	1	2
BOVISMORBIFICANS	40	36	26	35	40	25	41	47	64	35	51	440
BRADFORD	1	2	54	44	35	12	1	3	1	.	2	155
BRAENDERUP	758	411	477	381	426	588	531	559	497	529	507	5664
BRANCASTER	.	.	.	.	.	.	.	.	1	.	.	1
BRANDENBURG	176	161	188	257	259	284	181	167	132	117	77	1999
BRAZIL	.	1	.	2	.	1	1	1	.	2	.	8
BRAZOS	.	.	.	.	.	.	.	1	.	1	.	2
BRAZZAVILLE	.	1	.	.	.	.	.	.	.	.	.	1
BREDA	.	.	.	1	.	.	.	.	.	.	.	1
BREDENEY	87	75	57	49	44	57	47	51	112	44	24	647
BREFET	.	.	.	1	.	.	.	.	.	.	.	1
BREZANY	.	.	.	.	1	.	.	.	.	.	.	1
BRIKAMA	.	.	.	1	.	.	1	.	.	.	.	2

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
BRISTOL	.	.	.	.	.	.	.	1	.	.	.	1
BRON	.	.	.	.	2	2	1	.	.	.	.	5
BRONX	.	.	.	.	1	.	.	2	2	.	.	5
BROOKLYN	.	.	.	.	.	.	.	.	1	.	.	1
BROUGHTON	.	.	.	.	.	2	.	.	.	1	.	3
BRUNEI	1	1	.	.	.	.	.	.	.	.	.	2
BUDAPEST	.	.	.	1	.	1	.	.	.	.	.	2
BUKAVU	.	.	.	.	.	.	.	1	.	.	1	2
BURGAS	.	1	.	.	.	.	.	.	.	.	.	1
BURUNDI	.	.	.	.	.	1	.	.	.	.	.	1
BUTANTAN	.	.	.	.	.	.	.	.	.	1	.	1
BUZU	.	.	.	.	1	3	.	5	4	1	.	14
CALABAR	.	.	.	.	.	.	.	.	1	1	.	2
CALIFORNIA	1	6	2	4	2	1	1	9	3	1	.	30
CAMBERWELL	.	.	.	.	.	.	.	.	1	.	.	1
CAMBRIDGE	.	.	.	.	.	1	.	.	.	1	.	2
CANADA	.	.	.	.	.	.	1	.	.	.	1	2
CANASTEL	1	.	.	.	.	.	.	.	.	.	.	1
CANNSTATT	.	.	.	.	.	.	.	1	1	.	1	3
CANOGA	1	2	28	1	.	.	.	.	.	.	.	32
CARACAS	.	.	.	.	.	.	.	3	.	1	.	4

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											TOTAL
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
SEROTYPE												
CARMEL	.	.	.	.	.	1	1	.	.	1	1	4
CARNO	1	.	.	.	.	.	.	.	.	1	.	2
CARRAU	9	6	5	9	9	12	30	6	3	12	5	106
CARSWELL	.	1	1	.	.	.	.	.	.	.	.	2
CERRO	115	102	99	57	62	74	55	60	52	56	51	783
CHAILEY	4	2	.	1	.	6	4	12	9	3	1	42
CHAMELEON	1	2	3	9	9	12	11	7	8	5	11	78
CHAMPAIGN	1	.	.	.	1	1	.	.	.	.	.	3
CHANDANS	.	.	.	.	1	.	.	.	.	.	.	1
CHARITY	1	1	.	1	.	.	.	.	.	.	1	4
CHARLOTTENBURG	.	1	.	.	.	.	1	.	.	.	.	2
CHESTER	369	27	30	23	21	34	26	36	24	29	19	638
CHICAGO	.	.	.	1	1	.	.	.	1	.	.	3
CHINCOL	1	1	1	2	.	.	.	.	1	2	2	10
CHINGOLA	.	.	.	.	.	.	.	1	.	.	.	1
CHOLERAESUIS	39	40	35	50	53	50	41	25	23	25	6	387
CHOLERAESUIS VAR KUN	34	42	56	36	18	25	26	24	13	9	9	292
CLACKAMAS	3	.	1	.	1	1	1	3	.	3	1	14
CLAIBORNEI	.	1	.	.	.	.	.	.	1	1	.	3
CLERKENWELL	1	.	.	.	.	.	.	.	.	.	.	1
COELN	3	5	1	4	2	2	7	4	5	2	3	38

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
COLEYPARK	1	.	2	.	.	.	.	.	.	.	.	3
COLINDALE	1	.	.	.	5	2	7	1	4	2	3	25
COLORADO	.	1	1	1	1	1	1	1	2	2	.	11
CONCORD	1	1	.	.	1	4	5	2	2	3	.	19
CORVALLIS	1	1	1	2	.	1	1	1	1	1	1	11
COTHAM	.	.	.	.	1	.	.	.	.	2	1	4
CREMIEU	.	.	.	.	.	.	.	1	.	.	2	3
CUBANA	21	29	32	32	61	44	34	36	72	42	29	432
CULLINGWORTH	.	.	.	.	.	.	1	.	.	.	1	2
CURACAO	.	1	.	1	1	.	.	.	.	1	2	6
DAHRA	.	.	.	.	.	.	.	.	.	2	1	3
DAYTONA	2	3	1	5	3	3	4	6	3	4	3	37
DECATUR	1	3	.	1	1	.	.	.	2	.	.	8
DEGANIA	.	.	.	.	.	1	.	.	.	1	.	2
DENVER	2	4	1	9	2	5	2	3	1	1	1	31
DERBY	268	184	199	170	144	213	143	152	171	174	177	1995
DESSAU	2	.	.	.	.	.	.	1	.	.	.	3
DIGUEL	.	.	.	.	.	.	4	2	1	.	.	7
DIOURBEL	.	.	.	.	.	.	.	.	.	.	1	1
DJAKARTA	.	.	.	2	.	.	.	.	.	.	.	2
DJELFA	.	.	.	.	.	.	.	.	.	1	.	1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
DJUGU	2	3	2	.	4	1	2	2	1	1	1	19
DOBA	.	.	.	.	1	1	.	.	.	.	.	2
DOEL	.	.	.	.	.	.	2	.	.	.	.	2
DOULASSAME	.	1	.	.	.	.	.	1	1	.	.	3
DROGANA	.	.	3	.	1	3	.	.	.	.	.	7
DRYPOOL	5	7	.	4	4	8	5	7	4	5	1	50
DUBLIN	103	106	100	90	65	81	85	61	78	66	94	929
DUESSELDORF	14	10	6	19	12	13	6	6	15	5	1	107
DUGBE	.	.	.	.	1	.	.	.	.	.	1	2
DUISBURG	1	1	1	.	.	2	.	.	.	.	.	5
DUIVENHOKS	.	.	.	.	.	.	.	.	.	.	1	1
DUMFRIES	1	.	.	.	.	.	.	.	.	.	.	1
DURBAN	.	5	2	4	11	3	8	8	10	3	4	58
DURHAM	.	5	3	1	5	6	4	2	.	1	3	30
DUVAL	.	.	1	2	.	1	.	1	1	.	.	6
EALING	.	4	2	2	8	24	26	8	6	6	9	95
EASTBOURNE	2	11	5	8	13	10	13	3	8	7	9	89
EBRIE	.	.	.	.	.	.	.	.	.	1	3	4
EDINBURG	1	4	.	1	3	4	.	.	1	6	2	22
EDMONTON	1	.	.	.	.	.	.	.	.	.	.	1
EILBECK	.	.	.	.	.	1	.	.	.	.	.	1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
EIMSBUETTEL	.	.	.	.	.	.	.	.	.	1	.	1
EKO	1	4	2	.	.	.	.	.	.	.	.	7
EKPOUI	.	1	.	1	.	.	.	.	.	.	1	3
ELOMRANE	.	.	.	.	.	.	.	.	.	2	1	3
EMEK	4	7	7	4	3	6	5	7	7	8	5	63
ENSCHEDE	.	.	1	.	.	.	.	.	.	.	.	1
ENTEBBE	.	.	1	.	2	.	8	4	.	1	.	16
ENTERITIDIS	8734	7755	6578	8071	9866	10201	9570	7924	6029	5343	6224	86295
ENUGU	.	.	.	.	.	1	1	1	.	.	.	3
EPPENDORF	1	.	.	1	1	.	.	.	.	2	2	7
ERLANGEN	.	1	.	.	.	.	.	.	.	1	.	2
ESCANABA	.	.	.	.	.	.	.	3	.	.	.	3
ESSEN	1	3	3	.	3	.	2	3	2	3	4	24
ETTERBEEK	.	.	.	.	.	.	.	1	.	.	.	1
FALKENSEE	1	1	.	.	1	2	.	1	.	.	.	6
FALLOWFIELD	.	.	.	.	.	.	.	3	.	.	.	3
FARMSEN	.	1	1	.	3	2	2	6	4	3	.	22
FAYED	.	.	.	.	.	1	.	.	.	6	3	10
FINKENWERDER	1	.	.	.	.	.	.	.	.	.	.	1
FISCHERKIETZ	1	.	.	.	.	.	.	.	1	1	.	3
FISCHERSTRASSE	.	.	.	.	.	.	.	.	.	.	1	1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
FLINT	5	29	20	30	32	39	34	43	55	64	56	407
FLORIDA	3	9	.	5	3	2	7	11	8	1	2	51
FLUNTERN	.	.	.	.	.	.	1	.	3	.	.	4
FORTLAMY	.	.	.	.	.	2	.	.	.	.	.	2
FREEFALLS	.	.	.	.	.	2	.	.	.	.	.	2
FREIBURG	.	.	.	1	.	.	.	.	.	.	.	1
FREMANTLE	.	.	.	.	.	1	.	.	.	.	.	1
FRESNO	.	.	.	.	1	1	.	.	.	.	.	2
FRIEDENAU	.	.	.	.	.	.	.	1	.	.	.	1
FRINTROP	.	.	.	.	.	.	1	.	.	.	.	1
FULICA	.	.	.	.	.	.	.	1	.	.	.	1
FYRIS	3	1	.	.	.	.	2	.	1	.	.	7
GABON	.	.	.	.	.	.	.	.	1	1	.	2
GALIEMA	.	3	.	.	.	.	.	.	.	.	.	3
GALIL	.	.	.	.	.	1	.	1	.	.	.	2
GALLINARUM	1	1	.	.	.	.	2	.	1	.	.	5
GAMABA	.	.	.	.	.	.	.	.	1	.	.	1
GAMBIA	.	.	.	.	.	1	.	2	.	.	.	3
GAMINARA	41	50	38	37	38	45	44	47	61	52	51	504
GARBA	.	1	.	.	.	.	1	.	.	.	.	2
GAROLI	.	1	.	1	.	.	.	.	.	.	.	2

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
GATESHEAD	.	.	.	3	.	.	.	.	.	.	.	3
GATOW	2	1	2	1	.	1	.	.	2	.	1	10
GATUNI	6	3	2	6	3	1	2	.	1	1	1	26
GEORGIA	2	.	.	.	1	2	.	.	2	.	.	7
GERA	.	1	1	.	.	.	.	.	.	.	.	2
GIVE	94	143	123	101	95	101	114	118	92	97	85	1163
GLIDJI	.	.	.	.	.	.	1	.	.	.	.	1
GLOSTRUP	26	17	78	42	13	31	13	5	10	7	6	248
GLOUCESTER	.	.	.	2	3	2	2	2	.	.	.	11
GODESBERG	1	.	.	1	.	1	1	.	.	.	.	4
GOETEBORG	.	.	.	.	.	.	.	1	.	.	.	1
GOETTINGEN	1	2	2	1	.	.	.	1	1	1	3	12
GOLDCOAST	1	.	.	.	.	1	.	1	1	1	.	5
GOMBE	1	.	.	.	.	.	.	.	.	.	.	1
GOODWOOD	1	.	.	.	.	.	.	.	.	.	.	1
GROUP 51	.	.	1	.	.	.	1	1	2	1	.	6
GROUP 52	.	.	.	.	.	.	2	.	.	.	.	2
GROUP 53	.	.	.	.	2	1	5	3	2	2	2	17
GROUP 54	.	.	.	.	.	1	.	.	.	.	.	1
GROUP 56	.	.	.	.	.	.	3	1	.	.	1	5
GROUP 57	.	.	.	.	.	.	.	.	1	.	.	1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											TOTAL
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
SEROTYPE												
GROUP 58	.	.	.	3	.	3	.	3	2	1	2	14
GROUP 59	.	.	.	1	2	.	.	1	.	.	.	4
GROUP 60	.	.	.	.	3	2	6	3	2	2	2	20
GROUP 61	.	.	2	9	11	17	17	6	5	5	2	74
GROUP 62	.	.	.	.	.	.	.	.	.	1	.	1
GROUP 63	.	.	.	.	.	.	.	.	.	1	.	1
GROUP 64	.	.	.	1	.	.	.	.	.	.	.	1
GROUP 65	.	.	.	.	1	2	2	6	.	.	1	12
GROUP A	13	6	1	1	7	4	3	1	2	3	.	41
GROUP B	495	370	475	539	563	601	582	507	532	438	585	5687
GROUP C1	168	112	124	110	137	108	123	103	85	138	86	1294
GROUP C2	99	60	107	163	201	111	108	64	51	48	36	1048
GROUP D1	209	155	202	280	257	182	186	116	113	80	95	1875
GROUP D2	1	.	1	.	.	1	3	2	1	1	1	11
GROUP D3	.	.	.	.	.	.	.	.	2	.	3	5
GROUP E1	20	13	13	7	29	20	21	13	14	17	47	214
GROUP E2	.	1	.	.	.	.	2	4	2	1	1	11
GROUP E4	2	1	2	2	3	2	3	2	3	2	1	23
GROUP F	.	2	7	2	8	3	5	2	6	.	1	36
GROUP G	17	9	7	22	34	73	42	8	17	15	17	261
GROUP H	1	2	1	3	2	2	4	.	2	2	6	25

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
GROUP I	1	2	3	2	12	5	6	5	44	46	6	132
GROUP J	.	.	.	2	.	1	1	.	.	1	.	5
GROUP K	.	2	6	1	2	3	5	2	4	4	4	33
GROUP L	.	.	1	.	3	2	.	1	1	.	1	9
GROUP M	.	.	.	.	.	.	.	2	.	.	.	2
GROUP N	.	.	1	1	.	.	1	.	1	.	.	4
GROUP O	1	2	.	.	3	2	3	2	1	4	1	19
GROUP P	.	1	.	11	4	4	1	4	1	.	3	29
GROUP Q	.	.	.	.	.	1	.	1	1	2	.	5
GROUP R	.	.	4	2	1	2	3	.	3	1	10	26
GROUP S	.	.	.	3	5	5	5	5	1	1	3	28
GROUP T	.	.	.	.	.	.	1	1	.	.	.	2
GROUP U	.	.	.	2	2	3	4	1	.	.	2	14
GROUP V	.	.	2	1	6	15	26	33	9	7	7	106
GROUP W	.	.	2	13	24	15	21	10	3	3	2	93
GROUP X	.	.	2	1	1	1	10	9	2	4	1	31
GROUP Y	.	.	6	14	14	15	15	11	4	15	11	105
GROUP Z	.	.	5	16	18	18	16	13	6	14	20	126
GRUMPENSIS	2	1	.	3	1	3	.	.	1	2	1	14
GUARAPIRANGA	1	.	.	.	.	.	.	.	.	.	.	1
GUILDFORD	.	.	.	.	.	.	.	.	.	1	.	1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
GUINEA	.	.	.	.	.	.	1	.	.	.	.	1
GUSTAVIA	.	.	.	.	.	.	.	.	.	.	1	1
HAARDT	49	22	10	13	10	16	6	5	2	3	4	140
HADAR	1837	1970	1532	1298	1001	812	658	643	544	516	330	11141
HADDON	.	.	.	.	.	1	.	.	.	.	.	1
HADEJIA	.	.	.	.	.	.	.	.	.	1	.	1
HAELSINGBORG	.	.	1	1	.	.	.	.	.	.	.	2
HAGENBECK	.	.	2	.	.	1	1	1	.	1	3	9
HAIFA	8	4	2	4	2	2	3	4	3	6	11	49
HALLE	.	.	.	.	.	.	.	.	.	1	.	1
HALMSTAD	1	.	1	.	3	.	1	.	.	2	.	8
HAMBURG	7	2	.	.	.	4	.	1	.	1	.	15
HANDEN	.	.	.	.	.	.	1	.	.	.	.	1
HARBURG	.	.	.	.	.	.	.	1	.	.	.	1
HARLEYSTREET	.	.	.	.	.	.	.	.	1	.	.	1
HARRISONBURG	1	.	.	.	.	.	.	.	.	.	.	1
HARTFORD	56	130	71	100	90	164	89	110	175	140	137	1262
HATFIELD	.	.	.	.	.	.	.	1	.	1	.	2
HATO	15	.	.	.	1	1	.	.	.	1	2	20
HAVANA	57	56	49	53	38	57	59	47	77	46	24	563
HAYINDOGO	.	.	.	.	.	.	.	.	1	.	.	1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
HEERLEN	.	.	.	.	1	.	.	.	.	.	.	1
HEIDELBERG	3955	2972	2528	2457	1825	2095	1998	2104	1900	1816	1661	25311
HEILBRON	.	.	3	1	.	.	.	.	1	.	.	5
HERON	.	.	.	.	.	.	.	1	.	.	.	1
HERSTON	.	.	1	1	.	.	.	.	.	.	.	2
HEVES	.	.	.	.	.	.	.	.	.	1	.	1
HIDALGO	.	.	.	1	1	.	.	1	.	.	.	3
HIDUDDIFY	.	4	.	.	1	.	.	.	3	1	1	10
HILLINGDON	.	.	.	.	.	.	1	.	.	.	.	1
HINDMARSH	3	1	1	1	.	2	1	1	3	.	3	16
HOLCOMB	2	1	.	.	.	.	1	2	.	1	.	7
HOMOSASSA	.	.	.	.	.	.	1	.	2	.	.	3
HORSHAM	1	1	1	.	.	.	2	.	.	3	.	8
HOUTEN	3	2	5	3	7	3	21	1	6	10	2	63
HULL	1	.	.	1	1	3	.	.	.	.	.	6
HVITTINGFOSS	10	11	22	20	14	15	44	26	28	38	30	258
HYDRA	1	.	.	.	.	.	.	.	.	.	.	1
I 4,5,12:I:-	.	.	.	.	.	.	.	.	34	44	81	159
IBADAN	19	21	20	13	24	46	33	42	39	27	17	301
IDIKAN	.	5	6	6	2	.	11	4	1	.	2	37
II 50:B:Z6	.	.	.	.	.	.	.	.	3	.	.	3

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
IIIA 48:G,Z51:-	.	.	.	.	.	.	.	.	.	3	3	6
IIIA 53:Z4,Z23,Z32:-	.	.	.	.	.	.	.	.	.	4	2	6
IIIB 38:(K):Z35	.	.	.	.	.	.	.	.	.	.	1	1
IIIB 38:1,V:Z53	.	.	.	.	.	.	.	.	.	.	1	1
IIIB 48:I:Z	.	.	.	.	.	.	.	.	.	1	3	4
IIIB 61:1,V:1,5,7	.	.	.	.	.	.	.	.	1	2	.	3
IIIB 61:K:1,5,7	.	.	.	.	.	.	.	.	.	3	.	3
IIIB 65:K:Z	.	.	.	.	.	.	.	.	.	1	.	1
ILALA	.	.	.	.	.	.	.	1	.	.	.	1
ILLINOIS	.	1	.	.	.	.	1	.	.	.	.	2
ILUGUN	.	.	.	.	.	.	3	.	.	.	.	3
IMO	.	.	.	.	.	.	1	.	.	.	.	1
INCHPARK	.	.	.	.	1	.	.	.	.	1	.	2
INDIA	.	1	1	.	.	.	1	.	.	.	.	3
INDIANA	48	36	24	18	25	24	28	11	7	14	9	244
INFANTIS	753	580	499	568	520	521	503	651	600	596	577	6368
INGANDA	.	.	1	.	.	.	.	.	.	.	1	2
INPRAW	.	.	1	.	.	.	.	.	.	.	.	1
INVERNESS	16	15	32	20	21	37	20	26	32	24	22	265
IPSWICH	.	1	.	.	.	1	1	.	.	1	.	4
IRCHEL	.	.	.	.	.	1	.	.	.	.	.	1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
IRENEA	.	.	.	.	.	.	.	.	.	1	.	1
IRUMU	2	1	7	39	45	31	18	13	15	6	5	182
ISANGI	1	2	.	.	.	3	1	1	5	1	.	14
ISLINGTON	.	.	.	.	1	.	.	.	.	.	.	1
ISRAEL	.	.	1	.	.	.	.	.	.	.	.	1
ISTANBUL	21	5	13	12	7	10	9	8	7	25	13	130
ITAMI	.	2	.	.	1	.	1	2	8	7	12	33
ITURI	.	.	1	5	2	4	2	1	5	3	2	25
IV 44:Z4,Z23:-	.	.	.	.	.	.	.	4	6	14	3	27
IV 45:G,Z51:-	.	.	.	.	.	.	.	.	2	1	2	5
JAFFNA	.	.	.	1	2	.	.	.	.	.	.	3
JAJA	.	.	.	.	.	.	.	1	.	1	1	3
JAMAICA	.	2	2	1	2	6	.	2	1	2	.	18
JANGWANI	.	5	2	6	3	10	7	4	5	6	7	55
JAVA	120	148	156	176	172	268	289	184	248	314	434	2509
JAVIANA	703	786	648	641	540	758	749	675	1167	1197	1167	9031
JEDBURGH	.	.	1	.	.	.	.	1	.	.	.	2
JERICHO	1	.	.	.	.	.	.	.	.	.	.	1
JERUSALEM	1	.	1	.	.	.	.	.	.	.	.	2
JOAL	.	.	.	.	.	.	1	.	.	.	.	1
JODHPUR	.	.	.	.	.	.	.	.	1	.	.	1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											TOTAL
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
SEROTYPE												
JOHANNESBURG	78	108	53	63	48	74	44	44	32	44	27	615
JOS	.	.	.	.	.	.	.	.	.	1	.	1
JUBILEE	.	.	.	.	.	.	.	1	.	.	.	1
JUKESTOWN	.	.	1	.	.	.	.	.	.	.	.	1
KAAPSTAD	4	8	3	.	.	.	1	.	.	.	1	17
KADUNA	.	.	.	1	1	.	.	.	.	.	.	2
KALAMU	.	.	1	.	.	.	.	.	.	.	.	1
KAMBOLE	.	.	.	.	.	.	.	.	1	.	.	1
KAMPALA	1	.	.	.	.	.	.	.	.	.	.	1
KANIFING	.	5	.	3	.	.	.	1	.	.	.	9
KAOLACK	.	.	.	.	.	.	1	.	.	.	.	1
KEDOUGOU	.	1	.	.	.	4	.	.	1	2	3	11
KENTUCKY	47	46	31	46	42	80	78	60	58	71	46	605
KIAMBU	21	11	4	7	6	14	17	14	13	40	22	169
KIBI	.	.	.	1	.	.	.	.	.	.	.	1
KIBUSI	1	.	.	.	.	.	3	.	.	.	.	4
KILWA	.	.	.	.	11	4	2	.	1	3	4	25
KIMBERLEY	1	.	.	.	.	.	.	.	.	.	.	1
KIMUENZA	.	3	.	.	2	.	.	.	.	.	.	5
KINGABWA	.	.	1	1	1	1	.	2	.	2	.	8
KINGSTON	.	4	1	1	1	.	.	3	1	.	.	11

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
KINONDONI	.	.	1	.	.	.	1	1	1	1	.	5
KINSHASA	.	.	.	.	2	4	7	6	1	3	3	26
KINTAMBO	3	1	2	17	19	21	19	14	20	8	3	127
KIRKEE	.	.	.	.	.	.	.	1	.	1	.	2
KISANGANI	.	.	1	.	.	2	.	.	.	.	.	3
KISARAWE	.	.	.	1	.	.	.	2	2	.	.	5
KISII	.	1	.	.	.	.	.	.	.	.	.	1
KITENGE	.	.	.	.	.	1	.	.	.	.	.	1
KIVU	.	.	.	.	.	.	.	.	.	2	.	2
KODJOVI	.	2	.	.	1	.	.	.	.	.	.	3
KOESSEN	.	.	.	.	.	.	1	.	.	.	.	1
KOKETIME	.	.	.	.	.	.	1	.	.	.	.	1
KOKOLI	.	.	.	.	.	.	.	.	1	.	.	1
KOKOMLEMLE	2	2	1	2	2	2	2	3	1	1	2	20
KONSTANZ	1	.	.	.	.	.	.	.	.	.	.	1
KORTRIJK	.	1	.	.	.	.	.	.	.	.	.	1
KOTTBUS	18	21	42	27	22	49	9	11	2	5	14	220
KPEME	.	.	.	1	.	.	.	.	.	.	.	1
KRALENDYK	1	4	5	5	3	10	15	4	14	3	13	77
KRALINGEN	.	.	.	.	.	.	.	.	.	1	1	2
KREFELD	1	1	1	9	3	3	2	1	.	1	1	23

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
KRISTIANSTAD	.	.	.	.	.	.	.	.	.	.	1	1
KUA	.	.	1	1	1	2	1	1	1	2	1	11
KUILSRIVIER	2	.	.	.	.	.	.	.	.	.	.	2
KUMASI	.	.	.	.	1	.	.	.	.	.	.	1
KUNDUCHI	.	.	.	.	.	.	.	.	1	.	.	1
KURU	.	.	.	.	1	.	.	.	.	.	.	1
LABADI	.	.	1	.	1	2	.	.	1	.	.	5
LAGOS	.	.	3	1	1	2	1	1	.	.	.	9
LAMBERHURST	.	.	.	.	.	.	.	.	1	.	1	2
LAMIN	.	.	.	.	.	.	.	.	1	.	.	1
LANDAU	.	.	.	.	.	.	.	1	.	.	.	1
LANDWASSER	.	.	.	1	.	.	.	.	1	2	.	4
LANGENSALZA	.	.	.	.	.	.	1	.	1	.	.	2
LANKA	6	.	1	1	3	.	.	.	1	1	1	14
LANSING	1	.	.	1	.	.	.	.	.	1	.	3
LAROCHELLE	2	5	2	3	4	4	4	1	6	4	2	37
LAWNDALE	.	.	.	1	.	.	1	.	.	.	.	2
LAWRA	.	.	1	.	.	.	.	.	.	.	.	1
LEOBEN	.	.	1	.	.	.	.	.	.	.	.	1
LEOPOLDVILLE	1	.	.	.	.	.	.	.	.	.	.	1
LEXINGTON	5	1	3	5	3	1	2	1	.	.	1	22

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
LICHTENBERG	.	.	1	.	.	.	.	.	.	1	.	2
LILLE	4	2	4	3	1	.	.	3	.	1	1	19
LIMBE	.	.	.	1	.	1	.	1	.	.	.	3
LIMETE	.	1	1	.	.	.	1	6	1	.	.	10
LINCOLN	.	.	.	.	.	.	.	.	.	.	1	1
LINDENBURG	12	12	8	11	6	9	5	3	10	5	7	88
LINDI	.	.	.	.	.	.	1	.	.	.	.	1
LITCHFIELD	80	94	92	116	93	115	158	105	119	135	114	1221
LIVERPOOL	3	6	6	1	.	2	3	3	.	2	.	26
LIVINGSTONE	35	22	27	12	16	13	18	6	5	4	6	164
LOANDA	.	7	3	3	.	.	.	1	.	.	1	15
LOCKLEAZE	.	.	1	.	3	2	.	.	1	1	.	8
LOHBRUEGGE	.	.	.	.	.	2	4	.	.	2	1	9
LOMALINDA	5	6	10	14	15	15	24	12	16	8	6	131
LOME	.	.	.	1	2	.	2	2	.	.	.	7
LOMITA	5	3	1	5	1	2	5	3	3	.	2	30
LOMNAVA	.	2	.	.	.	.	.	.	.	.	.	2
LONDON	40	19	21	14	15	36	23	33	28	41	23	293
LOSANGELES	.	.	.	.	.	.	1	.	.	.	.	1
LOVELACE	.	.	.	.	1	.	.	.	1	.	.	2
LUANSHYA	.	.	.	.	.	.	.	.	.	1	.	1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
LUCIANA	4	2	1	.	4	.	1	3	3	6	8	32
LUKE	.	.	.	.	2	.	.	.	.	.	.	2
MAARSSEN	.	.	.	1	.	.	.	.	.	.	.	1
MADELIA	12	8	10	3	5	8	21	7	12	12	16	114
MAGWA	.	.	.	.	.	.	.	1	1	.	.	2
MAIDUGURI	.	.	.	.	.	.	.	1	.	.	.	1
MAKUMIRA	.	.	.	.	1	.	.	.	.	.	.	1
MALSTATT	.	.	.	.	.	.	2	.	.	.	1	3
MAMPEZA	.	.	.	.	.	.	1	.	.	.	.	1
MANCHESTER	1	.	.	.	.	.	.	.	.	1	1	3
MANGO	.	1	.	.	.	.	.	.	.	1	.	2
MANHATTAN	50	36	49	130	92	72	101	99	73	78	66	846
MANILA	1	.	.	.	1	.	.	.	.	1	.	3
MAPO	.	.	1	1	.	1	.	.	.	.	.	3
MARICOPA	.	.	1	.	.	.	.	.	.	.	.	1
MARINA	5	10	17	30	53	75	81	36	47	44	41	439
MARYLAND	.	.	.	.	.	.	.	1	1	.	.	2
MATADI	1	2	.	6	20	10	27	9	4	2	9	90
MATOPENI	.	.	.	.	.	.	.	.	2	.	.	2
MBANDAKA	135	206	130	167	118	154	223	189	147	231	149	1849
MELEAGRIDIS	18	25	8	15	12	30	207	43	39	14	13	424

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
MEMPHIS	.	1	.	2	.	.	1	1	.	1	.	6
MENDEN	1	.	.	.	.	.	.	.	.	1	.	2
MENDOZA	.	1	1	.	1	.	.	1	3	1	.	8
MENHADEN	4	1	5	.	2	5	14	1	.	.	.	32
MENSTON	.	2	2	.	.	.	.	1	.	.	.	5
MGULANI	.	.	.	.	.	.	2	.	.	2	.	4
MIAMI	28	115	70	98	126	74	52	76	99	95	78	911
MICHIGAN	1	1	.	.	3	8	1	.	2	2	1	19
MIDWAY	.	1	1	.	.	.	.	.	.	.	.	2
MIKAWASIMA	8	2	7	2	1	7	.	2	.	4	6	39
MINNEAPOLIS	6	7	4	1	.	.	1	.	.	.	.	19
MINNESOTA	22	21	19	28	13	36	28	26	17	23	19	252
MISSION	.	.	.	.	1	.	.	.	.	1	.	2
MISSISSIPPI	175	170	137	156	152	199	180	205	314	248	285	2221
MOERO	.	.	.	.	.	2	.	.	.	.	.	2
MOLADE	1	1	1	1	1	.	.	1	1	.	4	11
MONO	.	.	.	.	1	1	.	.	2	.	.	4
MONS	2	1	.	.	.	.	2	.	.	.	.	5
MONSCHAUI	6	2	9	8	9	9	11	10	3	5	4	76
MONTEVIDEO	928	868	559	789	631	685	1227	718	828	851	799	8883
MOREHEAD	.	.	1	1	1	2	.	.	.	.	.	5

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
MOROTAI	1	.	.	.	.	.	.	.	.	.	.	1
MOSCOW	2	1	15	.	.	.	1	.	4	.	.	23
MOUNDOU	.	.	.	.	.	.	.	.	.	1	.	1
MOUNTPLEASANT	.	.	.	.	.	1	.	1	1	.	.	3
MOWANJUM	.	.	.	.	1	.	2	.	.	.	.	3
MPOUTO	.	.	.	.	1	.	.	1	.	.	.	2
MUENCHEN	464	506	449	657	559	754	595	543	639	1332	605	7103
MUENSTER	86	68	47	69	100	87	96	73	68	65	107	866
MUNDONOBO	.	.	.	.	.	.	.	.	.	.	1	1
MUNDSBURG	.	1	.	.	.	.	.	.	.	.	.	1
NACHSHONIM	.	.	.	.	.	.	1	.	.	.	1	2
NAGOYA	.	.	.	.	1	.	.	1	.	.	.	2
NAMIBIA	1	.	.	.	.	.	1	.	.	.	.	2
NAPOLI	.	1	.	.	.	.	1	.	.	2	2	6
NARASHINO	.	.	.	1	.	1	1	1	.	.	.	4
NCHANGA	.	.	.	.	.	.	.	.	1	.	1	2
NDOLO	.	.	.	1	.	.	.	.	.	.	.	1
NEGEV	.	.	.	.	1	1	.	.	.	.	.	2
NESSZIONA	.	.	.	.	.	.	.	4	.	.	1	5
NEUDORF	.	.	.	1	.	.	.	.	.	.	.	1
NEWBRUNSWICK	22	8	8	5	3	20	22	26	36	23	8	181

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
NEWHAW	.	.	.	.	.	4	1	1	1	.	.	7
NEWINGTON	14	26	25	15	13	17	16	20	25	23	8	202
NEWLANDS	.	.	.	.	.	.	1	.	.	.	.	1
NEWMEXICO	1	.	1	3	2	.	.	1	.	.	4	12
NEWPORT	1802	1818	1481	1487	1673	2566	1985	1584	2272	2618	2975	22261
NEWROCHELLE	.	.	.	.	.	2	1	1	1	1	.	6
NEWYORK	.	.	.	.	.	.	3	4	.	1	.	8
NGILI	.	.	.	.	1	.	.	.	.	.	.	1
NGOR	.	.	.	.	.	.	.	.	.	2	.	2
NIAKHAR	.	.	1	.	.	.	.	.	.	.	.	1
NIENSTEDTEN	.	3	.	1	2	.	.	.	.	.	.	6
NIGERIA	.	.	.	.	.	.	1	.	.	.	1	2
NIMA	1	.	.	.	1	1	4	1	5	1	4	18
NITRA	.	.	.	.	.	.	3	.	.	1	.	4
NOLA	.	.	.	.	.	.	1	1	.	.	.	2
NOORDHOEK	.	.	.	.	.	1	.	.	.	.	.	1
NORDENHAM	.	.	.	.	.	.	.	.	.	1	.	1
NORWICH	58	32	41	59	98	51	52	56	67	74	68	656
NOTTINGHAM	.	2	1	1	3	3	3	5	2	.	4	24
OAKLAND	3	2	2	3	4	1	4	.	.	1	1	21
OCHIOGU	.	.	.	1	.	.	.	.	.	.	.	1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
OCHSENZOLL	.	.	.	.	1	.	.	2	.	.	.	3
OERLIKON	.	.	.	.	1	.	.	.	.	.	.	1
OFFA	.	.	2	1	.	.	.	.	.	.	.	3
OHIO	166	132	161	132	101	105	67	100	79	77	78	1198
OKATIE	.	.	.	1	.	1	1	.	.	.	.	3
OLDENBURG	.	.	.	1	.	.	.	.	1	1	.	3
ONDERSTEPOORT	.	.	.	.	.	1	2	.	.	1	2	6
ONIREKE	1	.	.	.	1	1	.	.	.	.	.	3
ONTARIO	.	.	.	2	.	.	.	.	.	1	.	3
ORANIENBURG	501	655	597	522	602	595	690	623	693	616	538	6632
ORIENTALIS	.	.	.	.	.	2	6	.	1	2	5	16
ORION	1	.	4	3	1	1	6	3	1	.	3	23
ORITAMERIN	1	3	1	.	.	.	.	.	.	.	1	6
OSLO	16	11	14	19	14	13	31	25	31	28	19	221
OTHMARSCHEN	.	6	.	.	4	2	6	6	7	20	27	78
OUAKAM	.	.	2	7	2	4	.	.	.	.	.	15
OUDWIJK	.	.	.	.	.	.	.	.	1	.	.	1
OVERSCHIE	.	.	.	1	.	3	4	3	3	2	1	17
OYONNAX	.	1	.	.	.	.	.	.	.	.	1	2
PAKISTAN	1	2	.	1	.	.	2	4	.	6	3	19
PANAMA	304	236	185	173	163	173	148	144	119	132	155	1932

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
PAPUANA	.	.	1	.	.	1	.	1	.	.	.	3
PARATYPHI A	69	76	80	53	79	86	86	72	85	77	89	852
PARATYPHI B	89	101	110	208	228	241	298	159	189	172	114	1909
PARATYPHI C	2	1	2	1	2	2	1	1	.	1	.	13
PARERA	.	.	2	2	4	7	7	2	4	2	.	30
PARIS	1	.	.	.	.	.	.	.	.	.	.	1
PATIENCE	.	.	.	.	.	.	1	.	.	.	.	1
PENARTH	.	.	.	.	.	.	.	.	.	.	1	1
PENSACOLA	4	7	.	8	3	11	4	7	5	8	10	67
PHARR	1	1	.	.	.	.	.	.	.	1	.	3
PHOENIX	5	1	.	8	3	9	9	5	4	6	6	56
PLANCKENDAEL	.	.	.	.	.	.	.	1	.	.	.	1
PLYMOUTH	.	1	1	.	.	1	1	.	.	.	.	4
POANO	.	.	1	2	6	2	5	.	.	.	1	17
POMONA	4	10	9	7	6	23	29	43	19	28	26	204
POONA	126	788	218	295	376	531	415	293	346	249	322	3959
PORTLAND	1	.	.	2	.	.	.	.	.	.	.	3
PORTSMOUTH	6	1	1	1	3	1	1	4	2	1	.	21
POTSDAM	6	7	8	8	6	5	3	10	6	9	2	70
PRAHA	.	3	2	1	3	1	.	.	.	1	1	12
PRESTON	.	1	.	1	.	.	.	.	.	.	.	2

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
PULLORUM	1	.	.	.	.	.	.	1	.	1	.	3
PUTTEN	1	4	1	1	1	8	6	5	9	3	2	41
QUEBEC	.	.	.	.	.	.	.	.	1	.	.	1
QUIMBAMBA	.	.	.	.	.	3	.	.	.	.	2	5
QUINIELA	1	1	1	.	2	.	.	1	1	.	.	7
RAMATGAN	.	.	.	.	1	.	.	.	.	1	.	2
RAUS	1	2	2	.	1	2	3	.	3	3	.	17
READING	397	396	430	363	257	197	131	167	81	97	93	2609
REDLANDS	.	1	1	.	.	.	1	1	.	.	.	4
REGENT	.	.	.	.	.	2	.	.	.	.	.	2
REMO	.	.	.	2	.	1	2	.	1	2	.	8
RHODESIENSE	2	.	.	.	.	.	.	.	.	.	.	2
RHONE	1	.	.	.	.	.	.	.	.	.	.	1
RICHMOND	4	6	4	4	3	7	6	7	4	2	7	54
RIDGE	.	.	.	.	.	.	.	.	.	1	.	1
RIOGRANDE	.	1	1	.	.	1	.	.	.	1	.	4
RISSEN	.	.	4	6	10	4	5	9	6	6	9	59
ROMANBY	.	.	.	1	.	5	5	4	1	6	5	27
ROODEPOORT	.	.	.	.	.	.	.	1	2	2	1	6
ROSENTHAL	.	.	.	.	.	.	.	.	.	.	1	1
ROSTOCK	.	.	.	.	.	.	1	.	.	.	.	1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
ROTERBERG	.	.	.	1	1	1	2	.	1	.	2	8
ROTTNEST	.	.	.	.	.	.	.	.	.	1	.	1
ROVANIEMI	.	1	.	.	.	.	.	.	.	.	.	1
RUBISLAW	65	83	67	58	77	83	71	81	88	97	71	841
RUIRU	.	.	1	.	.	.	.	.	.	1	.	2
RUZIZI	.	.	.	.	.	.	.	.	.	1	.	1
SAARBRUECKEN	.	.	.	.	.	.	.	.	1	.	.	1
SABOYA	.	.	.	.	.	.	.	.	1	.	.	1
SADA	.	1	.	.	.	.	.	.	.	.	.	1
SAINTPAUL	558	439	529	380	479	467	562	436	479	472	522	5323
SAKA	.	.	3	.	.	.	.	.	.	.	1	4
SAKARAHA	.	.	.	.	.	.	.	.	1	.	.	1
SALFORD	.	.	.	.	.	.	.	.	.	.	1	1
SALINATIS	.	2	2	.	1	3	3	.	.	1	1	13
SANDIEGO	88	105	100	92	82	117	56	59	55	104	138	996
SANDOW	.	.	3	1	2	.	.	.	.	.	.	6
SANGALKAM	.	1	.	.	.	.	.	.	.	.	.	1
SANGERA	.	.	.	.	2	1	.	.	.	.	.	3
SANJUAN	1	.	.	.	.	.	.	.	.	2	3	6
SANTIAGO	.	.	2	.	.	1	1	.	.	1	.	5
SAO	.	.	.	.	.	.	1	.	.	.	.	1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
SAPHRA	8	10	7	1	6	11	11	41	16	13	14	138
SARAJANE	.	.	.	.	.	.	.	.	1	.	.	1
SCHLEISSHEIM	2	3	3	.	1	5	9	6	8	6	7	50
SCHOENEBERG	.	.	.	.	.	.	.	1	.	.	.	1
SCHWARZENGRUND	110	108	145	169	167	162	157	144	123	155	110	1550
SCHWERIN	.	.	.	.	.	.	1	.	.	.	.	1
SCULCOATES	.	.	.	.	.	.	.	.	1	.	.	1
SEEGEFELD	.	.	.	.	.	.	.	.	.	.	1	1
SELANDIA	.	.	1	.	.	.	.	.	.	.	.	1
SEMINOLE	.	.	.	.	.	1	.	.	.	.	.	1
SENDAI	.	.	.	3	.	1	.	.	2	1	1	8
SENEGAL	1	.	.	.	.	.	.	.	.	.	1	2
SENFTENBERG	131	140	150	126	130	91	167	180	142	120	138	1515
SEREMBAN	.	.	.	2	.	.	1	1	.	.	1	5
SERREKUNDA	.	.	.	.	.	.	.	.	1	.	.	1
SETUBAL	.	.	.	.	.	.	1	.	.	.	.	1
SHAMBA	.	.	.	.	.	.	.	1	.	.	.	1
SHANGANI	.	.	.	.	.	.	1	.	.	.	.	1
SHARON	.	.	.	.	.	1	.	.	.	.	.	1
SHERBROOKE	.	.	.	.	.	.	.	.	.	.	1	1
SHIPLEY	2	.	.	.	.	.	.	.	.	.	.	2

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
SHOMRON	.	.	.	.	.	.	1	.	.	.	.	1
SHUBRA	6	5	2	3	3	9	2	3	4	7	5	49
SIMI	.	.	.	.	.	2	.	.	.	.	.	2
SIMSBURY	.	.	1	.	.	.	.	.	.	.	.	1
SINGAPORE	4	5	6	4	4	4	12	3	12	4	3	61
SINSTORF	2	1	1	2	1	9	4	8	1	3	3	35
SKANSEN	.	.	.	.	.	1	.	.	1	.	.	2
SOAHANINA	2	.	1	1	1	1	.	1	.	.	1	8
SOERENGA	.	.	.	2	1	.	6	1	.	2	2	14
SOESTERBERG	.	.	.	1	.	.	.	.	.	.	1	2
SOFIA	.	.	.	.	.	.	.	.	1	.	.	1
SOMONE	.	2	.	1	1	.	5	3	1	1	.	14
SOUMBEDIOUNE	.	.	.	.	4	.	.	.	.	.	.	4
SOUTHAMPTON	.	.	1	.	.	.	.	.	.	1	1	3
SOUTHBANK	.	.	.	.	.	.	1	.	.	.	.	1
STACHUS	.	.	.	.	.	.	1	3	.	2	1	7
STANLEY	109	131	136	143	217	481	200	164	193	172	233	2179
STANLEYVILLE	13	7	13	5	5	51	26	23	16	10	32	201
STELLINGEN	.	.	.	.	1	2	.	3	1	.	.	7
STENDAL	.	.	.	.	.	1	.	.	.	.	.	1
STERRENBOS	.	.	.	.	1	1	.	.	.	.	.	2

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
STEVENAGE	1	.	.	.	.	.	.	.	.	.	.	1
STIKLAND	.	.	.	.	1	.	.	.	.	.	.	1
STOCKHOLM	.	.	.	.	.	.	.	.	.	4	2	6
STRASBOURG	.	.	.	.	.	.	1	.	.	.	.	1
SUAREZ	.	.	.	.	.	.	.	.	.	.	1	1
SUBERU	.	.	.	.	.	.	.	1	1	.	.	2
SUBSPECIES I	1	.	4	2	23	26	32	22	72	81	96	359
SUBSPECIES II	1	12	5	10	9	7	22	8	5	6	8	93
SUBSPECIES III	.	.	.	.	.	1	3	4	1	3	7	19
SUBSPECIES IIIA	9	2	4	5	21	20	11	7	12	16	14	121
SUBSPECIES IIIA/IIIB	88	47	58	33	60	37	28	17	12	14	25	419
SUBSPECIES IIIB	15	16	9	19	21	26	13	10	7	9	16	161
SUBSPECIES IV	4	7	6	5	13	31	21	22	17	26	24	176
SUBSPECIES V	.	.	.	.	1	1	.	.	.	.	.	2
SUBSPECIES VI	.	.	.	.	.	1	1	.	.	.	1	3
SUELLDORF	.	.	.	.	.	.	.	.	.	1	.	1
SUNDSVALL	3	2	3	3	5	17	25	47	7	4	4	120
SUNNYCOVE	.	.	1	.	.	.	.	.	.	.	.	1
SYDNEY	.	.	.	.	.	1	4	1	.	.	.	6
TAFO	.	.	.	.	.	.	.	.	.	1	.	1
TAKORADI	1	3	2	2	.	1	4	5	4	4	.	26

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
TAKSONY	.	1	.	2	.	.	5	1	.	.	.	9
TALLAHASSEE	5	6	3	8	2	6	5	18	8	5	3	69
TAMALE	.	.	.	.	1	.	2	.	.	.	.	3
TAMBACOUNDA	.	.	.	2	.	3	.	1	1	1	1	9
TAMBERMA	.	.	.	1	.	.	.	.	.	.	.	1
TAMPICO	.	.	.	.	.	.	.	.	.	2	.	2
TANANARIVE	.	.	.	.	.	1	.	.	.	.	.	1
TANGER	.	.	.	.	.	1	.	.	.	.	.	1
TEDDINGTON	1	1	.	.	.	.	.	.	.	.	.	2
TEKO	.	.	.	.	.	.	.	.	1	.	.	1
TELAVIV	.	.	.	.	.	1	.	.	1	.	1	3
TELELKEBIR	2	1	5	5	8	4	13	12	26	15	11	102
TENNESSEE	158	113	98	133	156	112	96	31	63	29	24	1013
TEXAS	.	.	.	.	.	.	1	.	.	.	.	1
THIES	.	.	.	.	.	.	.	.	.	1	.	1
THOMASVILLE	.	.	4	1	2	1	1	2	2	4	2	19
THOMPSON	750	716	690	576	549	625	586	695	571	602	569	6929
TIENBA	.	.	.	.	.	.	.	.	1	.	.	1
TILENE	.	.	.	.	1	4	7	2	.	1	2	17
TOKOIN	.	.	1	.	.	3	.	.	.	.	3	7
TOOWONG	.	.	.	.	.	.	.	1	.	.	.	1

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
TOUCRA	.	.	.	.	2	3	3	.	.	.	1	9
TRACHAU	.	.	1	.	.	.	.	1	.	.	.	2
TRAVIS	.	.	.	.	.	.	.	1	.	1	.	2
TRURO	.	1	.	.	.	.	.	.	.	.	.	1
TSEVIE	1	.	.	.	1	1	1	.	.	.	.	4
TSHIONGWE	2	6	2	2	3	2	4	.	.	.	2	23
TUCSON	2	.	1	1	2	2	1	3	.	1	.	13
TUDU	1	.	.	.	.	.	.	.	.	.	.	1
TUINDORP	2	.	.	2	.	1	1	2	1	.	.	9
TYGERBERG	.	.	.	1	.	2	1	.	.	.	.	4
TYPHI	579	500	449	472	507	442	440	349	382	352	368	4840
TYPHIMURIUM	8510	8780	7720	8436	7972	9147	9002	8289	8100	7125	6186	89267
TYPHIMURIUM VAR COPE	307	215	230	307	393	555	499	827	718	926	899	5876
TYPHISUIS	.	.	.	.	.	.	.	3	.	.	.	3
TYRESOE	.	.	.	.	.	.	1	.	.	.	.	1
UCCLE	.	.	.	.	.	.	1	4	4	1	2	12
UGANDA	11	21	23	29	19	28	63	51	44	58	51	398
UGHELLI	.	.	.	.	.	.	.	.	.	.	1	1
ULLEVI	.	.	.	.	.	.	.	1	.	.	.	1
UMHLALI	.	.	.	.	.	.	.	.	.	.	1	1
UNKNOWN	2566	2947	2136	1649	1469	952	673	382	515	399	660	14348

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
UPHILL	.	.	.	.	.	.	1	.	.	.	.	1
UPPSALA	.	.	.	.	.	1	1	.	1	.	1	4
URBANA	18	15	26	52	63	72	60	57	46	56	34	499
UZARAMO	1	.	3	1	1	5	.	.	3	1	2	17
VALDOSTA	.	1	.	.	.	.	.	.	.	.	.	1
VANCOUVER	.	.	.	1	3	1	.	.	.	.	.	5
VEJLE	1	1	.	.	.	2	.	2	1	1	.	8
VICTORIA	.	1	1	.	3	1	3	2	1	.	.	12
VIETNAM	.	.	.	.	.	1	.	.	.	.	.	1
VILVOORDE	.	.	.	.	.	1	2	1	.	.	.	4
VIRCHOW	97	64	72	57	54	60	67	71	64	70	98	774
VIRGINIA	14	5	.	2	.	7	7	2	.	10	1	48
VOLKSDORF	.	.	.	1	1	.	2	.	.	.	1	5
VRIDI	.	.	.	.	.	1	.	.	.	.	.	1
WA	.	.	.	.	.	.	1	.	.	1	.	2
WAGENIA	.	.	.	.	.	.	.	.	.	.	1	1
WANDSBEK	.	.	.	.	.	.	.	.	.	.	1	1
WANDSWORTH	1	2	4	1	5	14	6	5	.	9	12	59
WANGATA	1	1	2	1	1	1	.	1	1	.	2	11
WARAL	.	.	.	.	1	1	.	1	.	.	.	3
WASHINGTON	.	.	.	.	1	2	1	3	.	1	.	8

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
WASSENAAR	3	3	11	16	19	28	18	14	6	11	5	134
WAYCROSS	1	2	4	3	2	.	4	4	2	2	4	28
WAYNE	1	.	.	.	.	2	1	1	.	.	.	5
WELIKADE	.	.	.	.	1	.	.	1	1	1	.	4
WELTEVREDEN	65	71	68	98	86	89	86	106	67	54	58	848
WENTWORTH	1	.	.	1	.	.	.	.	.	.	.	2
WERNIGERODE	.	.	.	.	.	.	.	.	3	.	.	3
WESLACO	.	1	.	.	1	1	.	.	2	1	.	6
WESTERSTEDE	.	.	.	.	.	.	.	.	.	1	.	1
WESTHAMPTON	.	5	.	1	2	3	6	5	3	2	.	27
WESTON	.	1	.	.	.	.	.	.	.	.	.	1
WESTPHALIA	.	.	.	.	1	.	.	.	.	.	.	1
WICHITA	.	.	.	.	1	.	.	.	.	.	.	1
WIDEMARSH	3	1	.	.	.	.	3	2	.	1	.	10
WIEN	.	2	3	4	3	1	.	.	.	1	1	15
WIL	.	.	.	.	.	.	1	.	.	1	.	2
WILLEMSTAD	1	.	.	1	.	1	.	1	.	.	.	4
WINNEBA	.	.	.	.	.	.	.	.	.	1	.	1
WIPPRA	.	1	.	.	2	.	.	.	.	.	.	3
WISBECH	.	.	.	.	.	.	2	.	.	.	.	2
WORTHINGTON	66	61	56	41	44	50	58	48	38	28	28	518

(Continued)

TABLE 3
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND YEAR, 1990-2000

	YEAR											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
SEROTYPE												
WYNBERG	.	.	.	.	.	.	.	.	.	.	2	2
YARRABAH	.	.	.	.	.	.	1	.	.	.	.	1
YEERONGPILLY	.	.	.	.	.	.	1	.	.	.	.	1
YORUBA	.	.	.	.	.	.	.	.	1	.	.	1
YOVOKOME	.	.	.	.	.	.	.	.	.	1	.	1
ZAIMAN	.	.	.	.	.	1	.	.	.	.	1	2
ZANZIBAR	.	1	.	1	3	2	2	2	1	1	.	13
ZERIFIN	1	.	.	.	.	.	.	.	.	.	.	1
ZONGO	.	1	.	.	.	.	.	.	.	.	.	1
TOTAL	42338	40443	34688	36917	37522	41222	39035	34608	33971	32782	32022	405548

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE						
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	TOTAL
Serotype							
ABERDEEN	.	.	3	.	.	.	3
ADELAIDE	1	.	.	.	1	.	2
AGONA	11	.	12	.	1	1	25
AJIOBO	.	.	1	.	.	.	1
ALACHUA	3	.	1	.	.	.	4
ANATUM	3	.	3	2	.	.	8
ANECHO	1	.	.	.	.	.	1
ARECHAVALETA	1	.	1	.	.	.	2
BARDO	1	.	.	.	.	.	1
BAREILLY	1	.	1	.	4	.	6
BERGEN	.	.	.	.	1	.	1
BERTA	5	.	12	.	2	.	19
BLOCKLEY	.	.	1	.	.	.	1
BOVISMORBIFICANS	1	1	1	.	.	.	3
BRAENDERUP	6	5	21	1	2	2	37
BRANDENBURG	3	.	3	.	.	.	6
BREDENEY	2	.	1	.	.	.	3
CERRO	1	1	4	.	.	.	6
CHESTER	.	.	.	1	.	.	1
CHOLERAESUIS	1	.	.	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE						
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	TOTAL
Serotype							
CHOLERAESUIS VAR KUN	1	.	1	.	.	.	2
COLINDALE	.	.	1	.	.	.	1
CUBANA	.	.	2	.	.	.	2
DERBY	.	.	9	.	3	.	12
DUBLIN	1	.	1	.	1	.	3
DURBAN	1	.	.	.	.	.	1
EDINBURG	.	.	1	.	.	.	1
EMEK	.	.	1	.	.	.	1
ENTERITIDIS	107	22	344	34	31	20	558
FLINT	.	.	1	.	.	.	1
FLORIDA	.	.	1	.	.	.	1
GAMINARA	.	1	1	.	1	.	3
GIVE	1	.	2	1	.	.	4
GLOSTRUP	.	1	1	.	.	.	2
GOETTINGEN	.	.	1	.	.	.	1
GROUP B	2	1	26	1	4	5	39
GROUP C1	.	.	.	.	1	1	2
GROUP C2	1	.	.	.	.	2	3
GROUP D1	.	.	1	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE						
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	TOTAL
Serotype							
GROUP E1	1	.	4	.	.	.	5
GROUP V	.	.	1	.	.	.	1
GROUP W	.	.	1	.	.	.	1
GUSTAVIA	.	.	1	.	.	.	1
HADAR	9	.	18	2	3	.	32
HAIFA	1	.	2	.	1	.	4
HARTFORD	1	.	8	.	1	.	10
HEIDELBERG	19	1	96	14	24	2	156
HOUTEN	.	.	1	.	.	.	1
HVITTINGFOSS	1	.	3	.	.	.	4
IIIB 38:1,V:Z53	.	.	1	.	.	.	1
IIIB 48:I:Z	.	.	1	.	.	.	1
INDIANA	.	.	1	.	.	.	1
INFANTIS	7	1	12	2	1	.	23
ISTANBUL	2	.	.	.	.	.	2
ITAMI	.	.	.	1	.	.	1
JAVA	1	.	12	3	3	2	21
JAVIANA	2	.	18	2	1	.	23
JOHANNESBURG	3	.	.	.	.	.	3
KENTUCKY	.	.	8	.	1	.	9

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE						
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	TOTAL
Serotype							
KIAMBU	.	.	2	.	.	.	2
KRALENDYK	.	.	1	.	.	.	1
LITCHFIELD	3	.	6	1	1	.	11
LOMALINDA	.	.	1	.	.	.	1
LONDON	.	.	1	.	.	.	1
MANHATTAN	.	.	1	1	.	.	2
MARINA	.	.	1	1	.	.	2
MATADI	.	.	1	.	.	.	1
MBANDAKA	1	.	6	.	.	.	7
MELEAGRIDIS	.	.	.	.	1	.	1
MIAMI	2	.	2	.	1	.	5
MIKAWASIMA	.	.	1	.	1	.	2
MISSISSIPPI	3	.	2	.	.	.	5
MONTEVIDEO	15	1	13	2	3	2	36
MUENCHEN	15	.	21	2	1	.	39
MUENSTER	2	.	5	1	.	.	8
NAPOLI	.	.	.	1	.	.	1
NEWPORT	22	5	78	14	11	7	137
NIMA	1	.	1	.	.	.	2
NOTTINGHAM	1	.	.	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE						
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	TOTAL
Serotype							
OHIO	.	.	9	.	.	.	9
ORANIENBURG	5	.	27	3	2	1	38
OSLO	1	.	4	.	1	.	6
PANAMA	2	1	2	.	2	.	7
PARATYPHI A	1	1	6	.	.	.	8
PARATYPHI B	.	2	5	.	.	.	7
POMONA	.	.	1	.	.	.	1
POONA	2	.	14	1	1	.	18
READING	2	.	7	1	.	.	10
RISSEN	.	.	1	.	.	.	1
RUBISLAW	1	1	3	.	.	.	5
SAINTPAUL	8	1	25	6	4	1	45
SANDIEGO	1	.	4	.	.	1	6
SCHWARZENGRUND	6	.	.	.	.	.	6
SENFTENBERG	2	.	3	1	1	1	8
STANLEY	1	1	8	1	3	.	14
STANLEYVILLE	.	.	4	.	.	.	4
SUBSPECIES I	.	.	1	.	1	.	2
SUBSPECIES IV	4	.	.	.	.	.	4
TELAVIV	.	.	1	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE						
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	TOTAL
Serotype							
TENNESSEE	1	.	.	.	.	.	1
THOMPSON	13	8	43	5	3	3	75
TILENE	.	.	1	.	.	.	1
TYPHI	10	.	15	.	4	.	29
TYPHIMURIUM	89	48	186	42	26	52	443
TYPHIMURIUM VAR COPE	.	.	81	2	.	.	83
UGANDA	1	.	.	.	.	.	1
UMHLALI	.	.	.	.	.	1	1
UNKNOWN	24	.	.	.	2	.	26
URBANA	1	1	.	.	.	.	2
VIRCHOW	4	.	4	.	1	.	9
VOLKSDORF	.	.	1	.	.	.	1
WANDSWORTH	.	.	1	.	.	.	1
WELTEVREDEN	2	.	3	.	.	.	5
WORTHINGTON	.	.	2	.	1	.	3
TOTAL	448	104	1252	149	158	104	2215

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE			
	New Jersey	New York	Pennsylvania	TOTAL
Serotype				
AARHUS	1	.	.	1
ABA	.	4	.	4
ADELAIDE	1	6	2	9
AGBENI	1	3	3	7
AGONA	7	32	16	55
ALBANY	.	3	1	4
AMAGER	2	.	.	2
ANATUM	4	10	6	20
ARECHAVALETA	.	2	.	2
BAILDON	.	1	.	1
BARDO	2	2	.	4
BAREILLY	.	4	1	5
BERGEN	.	.	1	1
BERTA	15	21	16	52
BLOCKLEY	2	1	3	6
BONARIENSIS	.	1	.	1
BORBECK	.	.	1	1
BOVISMORBIFICANS	4	5	.	9
BRAENDERUP	10	39	14	63
BRANDENBURG	2	4	3	9

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

REGION=Mid Atlantic

	STATE			
	New Jersey	New York	Pennsylvania	TOTAL
Serotype				
BREDENEY	.	4	1	5
CERRO	1	1	.	2
CHAMELEON	.	1	2	3
CHESTER	.	.	1	1
CHOLERAESUIS	.	.	1	1
CHOLERAESUIS VAR KUN	1	.	1	2
COELN	.	1	.	1
CUBANA	.	1	4	5
DERBY	7	15	1	23
DIOURBEL	.	1	.	1
DJUGU	.	1	.	1
DUBLIN	1	3	1	5
DUESSELDORF	1	.	.	1
EALING	.	2	.	2
EMEK	.	.	1	1
ENTERITIDIS	320	735	603	1658
EPPENDORF	.	1	.	1
ESSEN	.	2	.	2
FLINT	1	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE			
	New Jersey	New York	Pennsylvania	TOTAL
Serotype				
GAMINARA	.	1	1	2
GATOW	.	1	.	1
GIVE	1	9	3	13
GLOSTRUP	.	1	.	1
GROUP 58	.	1	.	1
GROUP 60	1	.	.	1
GROUP B	26	78	.	104
GROUP C1	2	10	.	12
GROUP C2	5	3	.	8
GROUP D1	.	7	1	8
GROUP D2	.	1	.	1
GROUP D3	.	1	.	1
GROUP E1	.	2	.	2
GROUP G	.	2	.	2
GROUP P	.	2	.	2
GROUP R	.	2	.	2
GROUP S	.	1	.	1
GROUP V	4	.	.	4
GROUP W	1	.	.	1
GROUP Y	1	1	1	3

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

REGION=Mid Atlantic

	STATE			
	New Jersey	New York	Pennsylvania	TOTAL
Serotype				
GROUP Z	1	2	1	4
HADAR	18	58	31	107
HAGENBECK	1	.	1	2
HAIFA	1	.	.	1
HARTFORD	2	10	4	16
HAVANA	2	3	1	6
HEIDELBERG	45	171	79	295
HINDMARSH	1	.	.	1
HVITTINGFOSS	.	3	1	4
I 4,5,12:I:-	.	1	.	1
IDIKAN	.	1	.	1
INDIANA	.	2	1	3
INFANTIS	11	58	22	91
ISTANBUL	1	6	.	7
IV 44:Z4,Z23:-	.	1	.	1
JANGWANI	.	4	.	4
JAVA	10	30	21	61
JAVIANA	12	13	20	45
JOHANNESBURG	2	1	.	3
KEDOUGOU	.	.	2	2

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE			
	New Jersey	New York	Pennsylvania	TOTAL
Serotype				
KENTUCKY	2	6	3	11
KIAMBU	.	.	3	3
KINSHASA	.	1	.	1
KOKOMLEMLE	.	1	.	1
KOTTBUS	1	.	.	1
LITCHFIELD	7	11	10	28
LIVINGSTONE	.	1	.	1
LOMALINDA	1	.	.	1
LONDON	1	2	1	4
LUCIANA	.	1	.	1
MADELIA	1	.	2	3
MANHATTAN	5	3	2	10
MARINA	2	.	6	8
MATADI	3	1	.	4
MBANDAKA	7	1	4	12
MELEAGRIDIS	.	.	1	1
MIAMI	5	4	1	10
MIKAWASIMA	.	1	.	1
MISSISSIPPI	.	4	7	11
MOLADE	.	2	.	2

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

REGION=Mid Atlantic

	STATE			
	New Jersey	New York	Pennsylvania	TOTAL
Serotype				
MONSCHAUI	.	.	1	1
MONTEVIDEO	13	48	16	77
MUENCHEN	16	16	14	46
MUENSTER	9	11	26	46
NEWPORT	46	79	92	217
NIMA	.	.	1	1
NORWICH	.	1	2	3
OHIO	2	5	3	10
ORANIENBURG	11	24	14	49
OTHMARSCHEN	.	6	.	6
OVERSCHIE	.	.	1	1
PAKISTAN	1	.	.	1
PANAMA	4	14	10	28
PARATYPHI A	13	18	1	32
PARATYPHI B	1	2	4	7
PHOENIX	.	.	1	1
POANO	.	.	1	1
POMONA	2	7	.	9
POONA	8	15	8	31
POTSDAM	.	1	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE			
	New Jersey	New York	Pennsylvania	TOTAL
Serotype				
PRAHA	1	.	.	1
READING	5	7	5	17
RICHMOND	1	.	1	2
RISSEN	2	1	.	3
ROTERBERG	.	2	.	2
RUBISLAW	1	2	.	3
SAINTPAUL	18	33	17	68
SAKA	.	1	.	1
SALFORD	.	1	.	1
SANDIEGO	8	25	7	40
SANJUAN	.	2	.	2
SCHWARZENGRUND	9	23	5	37
SENFTENBERG	1	5	2	8
SHUBRA	.	3	.	3
SINSTORF	.	1	.	1
STANLEY	11	32	11	54
STANLEYVILLE	2	18	1	21
SUBSPECIES I	14	3	.	17
SUBSPECIES III	2	.	.	2
SUBSPECIES IIIA	.	1	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
Serotype				
SUBSPECIES IV	.	1	.	1
TALLAHASSEE	1	.	.	1
TAMBACOUNDA	.	.	1	1
TELELKEBIR	.	1	.	1
TENNESSEE	3	1	.	4
THOMASVILLE	1	.	.	1
THOMPSON	11	58	33	102
TOKOIN	2	1	.	3
TYPHI	28	84	10	122
TYPHIMURIUM	77	517	467	1061
TYPHIMURIUM VAR COPE	132	.	.	132
UGANDA	1	1	2	4
UNKNOWN	.	31	1	32
URBANA	1	8	2	11
VIRCHOW	4	15	.	19
WANDSWORTH	.	.	2	2
WASSENAAR	.	.	1	1
WAYCROSS	.	2	.	2
WELTEVREDEN	.	3	.	3

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE			
	New Jersey	New York	Pennsylvania	TOTAL
Serotype				
WORTHINGTON	.	1	3	4
TOTAL	1028	2563	1679	5270

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=East North Central ----------

	STATE					
	Illinois	Indiana	Michigan	Ohio	Wisconsin	TOTAL
Serotype						
ABAETETUBA	.	.	.	1	.	1
ADELAIDE	.	2	2	1	1	6
AGONA	4	9	12	11	2	38
AHUZA	.	.	.	1	.	1
ALACHUA	1	.	.	3	.	4
ALBANY	.	1	.	.	.	1
ANATUM	2	1	2	6	9	20
ANTSALOVA	.	.	.	1	.	1
APAPA	.	.	.	1	1	2
BAILDON	.	1	.	.	.	1
BANANA	.	.	.	.	1	1
BARDO	.	2	.	.	2	4
BAREILLY	1	.	1	4	.	6
BERN	.	.	1	.	.	1
BERTA	11	20	7	15	3	56
BLOCKLEY	.	.	.	.	1	1
BONARIENSIS	.	.	1	.	.	1
BONGOR	.	.	.	1	.	1
BOVISMORBIFICANS	4	4	1	4	.	13
BRAENDERUP	3	2	63	40	7	115

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

REGION=East North Central

	STATE					
	Illinois	Indiana	Michigan	Ohio	Wisconsin	TOTAL
Serotype						
BRANDENBURG	.	1	3	3	.	7
BREDENEY	.	.	1	.	1	2
BUKAVU	.	.	.	1	.	1
CHAMELEON	.	1	1	1	.	3
CHARITY	.	1	.	.	.	1
CHESTER	.	.	2	.	.	2
CHOLERAESUIS	.	.	1	.	.	1
COELN	.	.	.	.	1	1
CUBANA	1	1	1	.	.	3
DERBY	7	1	5	7	2	22
DUBLIN	.	1	2	.	.	3
EASTBOURNE	.	.	.	.	2	2
EBRIE	.	.	.	.	1	1
ENTERITIDIS	59	147	203	447	50	906
FISCHERSTRASSE	.	.	.	1	.	1
FLINT	.	.	1	3	.	4
GIVE	.	2	2	4	2	10
GROUP 53	.	1	.	.	.	1
GROUP 61	.	1	.	.	.	1
GROUP B	.	6	.	8	7	21

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=East North Central ----------

	STATE					
	Illinois	Indiana	Michigan	Ohio	Wisconsin	TOTAL
Serotype						
GROUP C1	.	6	.	3	1	10
GROUP C2	.	.	.	1	1	2
GROUP D1	.	1	.	2	3	6
GROUP H	.	.	.	2	.	2
GROUP I	.	.	.	1	.	1
GROUP Y	.	1	.	.	.	1
HADAR	2	1	6	11	2	22
HAIFA	1	.	.	.	.	1
HARTFORD	4	9	14	4	4	35
HAVANA	.	.	1	1	.	2
HEIDELBERG	11	47	75	76	24	233
HINDMARSH	.	.	.	.	1	1
HVITTINGFOSS	.	.	2	5	.	7
I 4,5,12:I:-	6	.	.	.	.	6
IBADAN	.	.	1	.	.	1
IIIB 48:I:Z	.	.	.	2	.	2
INFANTIS	9	12	23	35	2	81
INVERNESS	.	.	.	1	.	1
ISTANBUL	.	.	1	.	.	1
ITURI	.	.	1	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=East North Central ----------

	STATE					
	Illinois	Indiana	Michigan	Ohio	Wisconsin	TOTAL
Serotype						
IV 44:Z4,Z23:-	.	1	.	1	.	2
JAVA	9	20	35	23	5	92
JAVIANA	2	4	8	13	7	34
JOHANNESBURG	2	.	2	1	.	5
KENTUCKY	.	1	1	.	.	2
KIAMBU	1	.	.	2	.	3
KOKOMLEMLE	.	.	.	.	1	1
KRALENDYK	.	1	1	1	.	3
LAROCHELLE	.	.	.	.	1	1
LILLE	.	.	.	1	.	1
LINDENBURG	.	.	.	1	.	1
LITCHFIELD	4	3	3	9	1	20
LIVINGSTONE	.	.	.	.	1	1
LONDON	1	.	3	.	.	4
MANHATTAN	1	2	1	2	1	7
MARINA	.	1	1	6	.	8
MATADI	.	.	.	2	.	2
MBANDAKA	2	1	2	3	1	9
MELEAGRIDIS	.	.	1	1	2	4
MIAMI	.	1	2	1	.	4

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=East North Central ----------

	STATE					
	Illinois	Indiana	Michigan	Ohio	Wisconsin	TOTAL
Serotype						
MIKAWASIMA	.	.	.	1	.	1
MINNESOTA	1	1	2	1	.	5
MISSISSIPPI	1	1	.	.	.	2
MOLADE	.	.	.	1	.	1
MONSCHAUI	.	1	.	.	.	1
MONTEVIDEO	8	9	20	25	19	81
MUENCHEN	3	3	6	8	2	22
MUENSTER	.	1	5	4	2	12
NEWBRUNSWICK	.	.	1	.	.	1
NEWMEXICO	.	.	1	.	.	1
NEWPORT	14	39	39	163	9	264
NIGERIA	.	.	1	.	.	1
NORWICH	.	1	.	.	1	2
NOTTINGHAM	.	1	.	.	.	1
OHIO	.	1	2	8	1	12
ONDERSTEPOORT	.	.	.	1	.	1
ORANIENBURG	10	17	20	28	1	76
ORIENTALIS	.	.	.	.	1	1
OSLO	.	1	.	1	.	2
OTHMARSCHEN	.	.	.	.	5	5

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=East North Central ----------

	STATE					
	Illinois	Indiana	Michigan	Ohio	Wisconsin	TOTAL
Serotype						
PANAMA	2	2	1	2	2	9
PARATYPHI A	.	.	1	2	.	3
PARATYPHI B	.	1	8	4	.	13
POMONA	.	.	2	1	.	3
POONA	7	3	12	15	1	38
QUIMBAMBA	.	1	.	.	.	1
READING	5	1	2	2	.	10
RICHMOND	.	.	.	1	.	1
RISSEN	.	.	1	.	.	1
ROMANBY	.	.	1	.	.	1
RUBISLAW	.	.	.	.	1	1
SAINTPAUL	6	4	9	16	1	36
SANDIEGO	1	.	6	13	1	21
SCHWARZENGRUND	1	1	3	7	.	12
SENFTENBERG	3	2	1	7	1	14
SHUBRA	.	.	.	2	.	2
STANLEY	1	5	6	15	4	31
SUBSPECIES IIIA	.	.	.	.	1	1
SUBSPECIES IIIB	.	2	.	.	1	3
SUBSPECIES IV	.	1	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=East North Central ----------

	STATE					
	Illinois	Indiana	Michigan	Ohio	Wisconsin	TOTAL
Serotype						
TELELKEBIR	.	.	.	1	.	1
TENNESSEE	.	1	1	2	.	4
THOMPSON	3	16	21	6	11	57
TYPHI	4	7	8	9	1	29
TYPHIMURIUM	82	128	213	310	141	874
TYPHIMURIUM VAR COPE	.	21	.	2	.	23
UGANDA	2	1	3	.	2	8
UNKNOWN	1	20	40	18	26	105
URBANA	.	2	.	3	.	5
UZARAMO	.	.	.	1	.	1
VIRCHOW	.	2	8	2	.	12
WANDSWORTH	.	1	.	.	1	2
WASSENAAR	.	.	1	.	.	1
WELTEVREDEN	.	.	1	1	.	2
WORTHINGTON	.	.	.	2	.	2
TOTAL	303	615	942	1460	387	3707

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE							
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	TOTAL
Serotype								
AARHUS	.	.	.	1	.	.	.	1
ABAETETUBA	.	.	.	1	.	.	.	1
ADELAIDE	1	.	1	2	.	.	.	4
AGBENI	2	.	1	.	.	.	.	3
AGONA	2	5	13	16	.	2	2	40
ALACHUA	.	.	.	1	.	.	.	1
ALBANY	.	.	.	.	.	1	.	1
ALTONA	.	.	1	.	.	.	.	1
ANATUM	2	1	6	5	.	.	1	15
APAPA	.	.	.	1	.	.	.	1
BAREILLY	.	2	1	18	.	.	.	21
BERTA	.	1	5	6	.	.	.	12
BLEADON	.	.	.	.	.	1	.	1
BLOCKLEY	1	.	1	1	.	.	.	3
BOVISMORBIFICANS	1	.	3	.	.	.	.	4
BRADFORD	.	.	.	.	.	.	1	1
BRAENDERUP	3	3	8	17	.	4	4	39
BRANDENBURG	.	.	2	4	.	.	.	6
CANNSTATT	.	.	1	.	.	.	.	1
CARMEL	.	1	.	.	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE							
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	TOTAL
Serotype								
CERRO	2	.	2	.	.	.	.	4
CHAMELEON	.	.	.	1	.	.	.	1
CHESTER	.	.	.	2	.	.	.	2
CHOLERAESUIS	.	.	.	.	1	.	.	1
CHOLERAESUIS VAR KUN	.	.	1	.	.	.	.	1
COELN	.	.	.	.	.	.	1	1
CORVALLIS	.	.	1	.	.	.	.	1
CUBANA	.	1	1	1	.	.	.	3
DERBY	.	2	5	2	.	.	2	11
DUBLIN	.	.	.	.	.	.	1	1
EALING	.	.	2	.	.	.	.	2
ENTERITIDIS	65	27	117	68	.	16	8	301
ESSEN	.	.	1	1	.	.	.	2
GAMINARA	.	1	.	.	.	.	.	1
GIVE	.	.	2	1	.	.	.	3
GLOSTRUP	.	.	1	.	.	.	.	1
GROUP B	14	25	5	7	86	.	.	137
GROUP C1	.	3	.	2	11	1	.	17
GROUP C2	.	1	.	.	1	.	.	2

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE							
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	TOTAL
Serotype								
GROUP D1	1	1	.	.	29	.	.	31
GROUP E1	.	2	.	.	.	.	.	2
GROUP G	.	1	.	.	2	.	.	3
GROUP P	1	.	.	.	.	.	.	1
GROUP R	.	.	.	.	1	.	.	1
GROUP Y	.	1	.	.	.	.	.	1
GROUP Z	.	1	.	.	.	.	.	1
HADAR	2	.	5	2	.	2	7	18
HARTFORD	3	.	7	4	.	1	.	15
HAVANA	1	.	1	1	.	.	.	3
HEIDELBERG	36	11	56	55	.	7	14	179
HOUTEN	.	.	1	.	.	.	.	1
HVITTINGFOSS	1	.	1	.	.	.	.	2
I 4,5,12:I:-	.	.	.	40	.	.	.	40
INDIANA	.	.	1	.	.	.	.	1
INFANTIS	2	1	16	18	.	2	1	40
JAVA	14	9	17	25	.	.	.	65
JAVIANA	2	10	4	21	.	2	.	39
JOHANNESBURG	1	.	2	.	.	.	.	3
KENTUCKY	1	1	1	.	.	.	.	3

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE							
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	TOTAL
Serotype								
KIAMBU	.	.	.	3	.	.	.	3
KOTTBUS	.	.	1	.	.	.	.	1
LINCOLN	.	.	1	.	.	.	.	1
LITCHFIELD	.	.	2	4	.	.	1	7
LIVINGSTONE	.	.	1	.	.	.	.	1
LONDON	.	1	.	2	.	.	.	3
LUCIANA	.	.	1	.	.	.	.	1
MANHATTAN	2	1	5	1	.	.	1	10
MARINA	2	1	.	.	.	.	.	3
MBANDAKA	2	1	4	3	.	.	.	10
MELEAGRIDIS	.	.	3	.	.	.	.	3
MIAMI	.	.	.	2	.	1	.	3
MINNESOTA	.	1	.	2	.	.	.	3
MISSISSIPPI	1	.	.	5	.	.	.	6
MONTEVIDEO	16	11	14	33	.	1	2	77
MUENCHEN	6	7	7	18	.	.	2	40
MUENSTER	.	.	1	1	.	.	3	5
NEWPORT	20	47	25	104	.	4	6	206
NIMA	.	.	1	.	.	.	.	1
NORWICH	.	2	.	12	.	.	.	14

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE							
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	TOTAL
Serotype								
OHIO	1	.	2	.	.	.	1	4
ORANIENBURG	2	9	10	14	.	.	.	35
ORIENTALIS	.	.	.	1	.	.	.	1
ORION	1	.	.	.	.	.	.	1
OTHMARSCHEN	1	.	.	.	.	.	.	1
PAKISTAN	2	.	.	.	.	.	.	2
PANAMA	2	1	8	6	.	.	1	18
PARATYPHI A	1	.	2	.	.	.	.	3
PARATYPHI B	.	.	1	.	.	.	2	3
POMONA	1	.	.	.	.	.	.	1
POONA	3	4	5	6	.	.	.	18
PUTTEN	1	.	.	1	.	.	.	2
READING	1	.	3	.	.	.	.	4
RICHMOND	.	.	.	1	.	.	.	1
RISSEN	.	.	.	1	.	.	.	1
RUBISLAW	.	.	.	3	.	.	.	3
SAINTPAUL	4	.	24	11	.	2	1	42
SANDIEGO	.	.	4	1	.	.	.	5
SCHWARZENGRUND	1	.	1	2	.	.	.	4
SEEGEFELD	1	.	.	.	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE							
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	TOTAL
Serotype								
SENFTENBERG	1	1	10	4	.	.	1	17
STANLEY	6	2	2	7	.	2	.	19
STANLEYVILLE	1	.	1	2	.	.	.	4
SUBSPECIES I	.	.	1	.	.	.	.	1
SUBSPECIES II	.	.	2	.	.	.	.	2
SUBSPECIES III	.	.	1	.	.	.	.	1
SUBSPECIES IIIA/IIIB	.	.	1	.	1	.	.	2
SUBSPECIES IV	1	.	6	1	.	.	.	8
TELELKEBIR	.	.	1	.	.	.	.	1
TENNESSEE	1	.	.	1	.	.	.	2
THOMPSON	13	2	13	22	.	2	1	53
TYPHI	.	1	3	4	.	.	.	8
TYPHIMURIUM	75	69	186	257	.	24	35	646
TYPHIMURIUM VAR COPE	24	19	.	.	.	.	5	48
UGANDA	.	.	2	.	.	.	.	2
UNKNOWN	.	3	21	1	7	1	.	33
UPPSALA	.	.	.	.	.	1	.	1
URBANA	.	.	2	.	.	.	.	2
VIRCHOW	.	5	3	2	.	.	.	10

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE							
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	TOTAL
Serotype								
WAGENIA	.	.	.	1	.	.	.	1
WAYCROSS	.	.	1	.	.	.	.	1
WELTEVREDEN	.	2	1	.	.	1	.	4
WORTHINGTON	.	.	2	1	.	.	.	3
ZAIMAN	.	.	1	.	.	.	.	1
TOTAL	351	301	679	864	139	78	104	2516

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=South Atlantic ----------

	STATE								
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	TOTAL
Serotype									
ABAETETUBA	.	.	.	.	1	.	.	.	1
ABERDEEN	.	.	1	.	.	1	.	.	2
ADELAIDE	.	.	2	.	1	.	.	.	3
AGBENI	.	.	.	.	.	1	2	.	3
AGONA	.	.	9	9	1	1	6	1	27
AJIOBO	.	.	.	.	.	.	1	.	1
ALACHUA	.	1	1	.	.	.	1	.	3
ALBANY	.	.	2	.	.	.	1	.	3
ALTONA	.	.	1	.	.	.	.	.	1
AMAGER	.	.	.	.	.	1	.	.	1
ANATUM	1	8	2	4	1	2	.	.	18
ANTSALOVA	.	.	.	1	.	.	.	.	1
ARAGUA	.	.	.	.	1	.	.	.	1
ASSEN	.	.	.	.	1	.	.	.	1
BAILDON	.	.	.	.	.	.	1	.	1
BAREILLY	.	.	16	2	14	.	15	1	48
BERN	.	.	1	.	.	.	.	.	1
BERTA	.	1	7	7	23	3	22	3	66
BLOCKLEY	.	.	.	2	2	.	.	.	4

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=South Atlantic ----------

	STATE								
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	TOTAL
Serotype									
BOLTON	.	1	.	.	.	.	.	.	1
BONAMES	.	.	.	.	1	.	.	.	1
BONARIENSIS	.	.	.	1	.	.	.	.	1
BORNUM	.	.	.	.	1	.	.	.	1
BOVISMORBIFICANS	.	.	4	.	4	.	2	.	10
BRADFORD	.	1	.	.	.	.	.	.	1
BRAENDERUP	2	10	25	11	5	9	16	9	87
BRANDENBURG	1	.	4	3	3	1	1	.	13
CARRAU	.	.	.	1	1	.	.	.	2
CERRO	.	.	9	.	.	.	.	.	9
CHAMELEON	1	.	.	.	.	.	.	.	1
CHESTER	.	.	.	1	1	.	.	.	2
CHINCOL	.	.	.	.	2	.	.	.	2
CHOLERAESUIS	.	.	1	.	.	.	.	1	2
CHOLERAESUIS VAR KUN	.	.	1	.	1	.	.	.	2
CREMIEU	.	1	.	.	.	.	.	.	1
CUBANA	.	.	.	1	.	.	.	.	1
CURACAO	.	.	.	1	.	.	1	.	2
DAHRA	.	.	.	.	1	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=South Atlantic ----------

	STATE								
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	TOTAL
Serotype									
DERBY	.	4	6	1	13	3	3	1	31
DUBLIN	.	2	3	.	.	.	.	.	5
DURBAN	.	.	3	.	.	.	.	.	3
EALING	.	.	1	.	.	.	.	.	1
EASTBOURNE	.	.	1	.	.	.	.	.	1
EBRIE	.	1	.	.	.	.	.	.	1
ENTERITIDIS	45	18	98	221	99	68	208	26	783
EPPENDORF	.	1	.	.	.	.	.	.	1
FAYED	.	.	.	.	2	.	.	.	2
FLINT	.	46	2	.	.	.	.	.	48
FLORIDA	.	.	.	1	.	.	.	.	1
GAMINARA	.	.	5	2	2	5	.	.	14
GIVE	1	1	2	2	.	3	1	.	10
GLOSTRUP	.	.	.	1	.	.	.	.	1
GROUP B	.	1	26	15	.	.	24	.	66
GROUP C1	.	.	6	3	.	.	7	1	17
GROUP C2	.	.	6	.	.	.	.	.	6
GROUP D1	.	.	10	2	.	.	2	.	14
GROUP D3	.	.	2	.	.	.	.	.	2

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=South Atlantic ----------

	STATE								
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	TOTAL
Serotype									
GROUP E1	.	1	1	2	.	.	.	.	4
GROUP E2	.	.	.	1	.	.	.	.	1
GROUP E4	.	.	1	.	.	.	.	.	1
GROUP I	.	.	1	.	.	.	.	.	1
GROUP L	.	.	.	.	.	.	1	.	1
GROUP S	.	.	.	1	.	.	.	.	1
GROUP Y	.	.	.	3	.	.	.	.	3
HADAR	3	.	5	6	11	3	7	4	39
HAIFA	.	.	2	.	.	.	.	.	2
HARTFORD	.	5	13	2	1	7	3	1	32
HATO	.	.	.	1	1	.	.	.	2
HAVANA	.	.	1	.	.	.	.	.	1
HEIDELBERG	10	8	91	31	30	18	43	6	237
HIDUDDIFY	.	.	.	.	1	.	.	.	1
HVITTINGFOSS	.	.	2	.	.	.	.	.	2
I 4,5,12:I:-	.	.	27	.	.	.	.	.	27
IBADAN	.	.	.	2	.	.	.	.	2
IIIA 48:G,Z51:-	.	1	1	.	.	.	.	.	2
IIIA 53:Z4,Z23,Z32:-	.	1	.	.	.	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=South Atlantic ----------

	STATE								
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	TOTAL
Serotype									
INDIANA	.	.	.	.	1	.	.	.	1
INFANTIS	4	6	41	14	9	4	8	4	90
INVERNESS	.	1	3	.	7	.	.	.	11
IRUMU	1	.	1	.	.	.	.	.	2
ISTANBUL	.	.	1	.	.	.	.	.	1
JAJA	.	.	.	.	1	.	.	.	1
JAVA	1	1	17	16	9	3	33	1	81
JAVIANA	2	93	188	24	121	66	29	.	523
JOHANNESBURG	.	.	2	.	.	3	1	.	6
KEDOUGOU	.	.	.	.	1	.	.	.	1
KENTUCKY	.	.	.	1	4	.	1	.	6
KIAMBU	.	.	.	.	.	.	1	.	1
KILWA	.	.	.	.	4	.	.	.	4
KINSHASA	.	.	.	.	.	.	.	1	1
KINTAMBO	.	.	1	.	.	.	.	.	1
KRALENDYK	.	.	1	.	.	.	2	.	3
KRALINGEN	.	.	.	.	.	.	1	.	1
KRISTIANSTAD	.	1	.	.	.	.	.	.	1
KUA	.	.	.	.	1	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=South Atlantic ----------

	STATE								
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	TOTAL
Serotype									
LANKA	.	.	1	.	.	.	.	.	1
LINDENBURG	.	2	.	.	.	.	.	1	3
LITCHFIELD	1	.	3	2	.	.	3	1	10
LIVINGSTONE	.	.	.	.	.	.	1	.	1
LOHBRUEGGE	.	.	.	.	.	.	1	.	1
LONDON	.	1	.	.	.	.	.	.	1
LUCIANA	.	.	4	.	.	.	.	.	4
MADELIA	.	.	4	.	.	3	.	.	7
MANCHESTER	.	1	.	.	.	.	.	.	1
MANHATTAN	.	8	1	1	1	1	3	1	16
MARINA	1	.	1	2	1	.	.	.	5
MATADI	.	.	.	.	1	.	.	.	1
MBANDAKA	.	.	5	1	3	2	1	.	12
MIAMI	.	18	10	2	7	7	1	.	45
MINNESOTA	.	.	.	2	.	.	1	.	3
MISSISSIPPI	.	8	40	1	32	20	1	.	102
MONSCHAUI	.	.	1	.	1	.	.	.	2
MONTEVIDEO	1	11	47	9	5	17	9	1	100
MUENCHEN	1	10	92	6	39	26	10	5	189

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=South Atlantic ----------

	STATE								
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	TOTAL
Serotype									
MUENSTER	.	.	2	3	3	2	.	.	10
MUNDONOBO	.	.	.	.	.	.	1	.	1
NACHSHONIM	.	.	.	.	1	.	.	.	1
NEWINGTON	.	.	.	.	.	1	.	.	1
NEWMEXICO	.	.	1	.	1	.	1	.	3
NEWPORT	14	79	280	43	218	79	77	12	802
NORWICH	.	.	4	1	1	.	1	.	7
OHIO	.	.	.	2	2	2	1	.	7
ONDERSTEPOORT	.	.	.	1	.	.	.	.	1
ORANIENBURG	.	3	17	4	27	1	14	.	66
ORION	.	.	.	1	.	.	.	.	1
ORITAMERIN	.	.	.	.	.	.	.	1	1
OSLO	.	.	.	1	.	.	1	.	2
OTHMARSCHEN	.	.	.	.	.	.	.	3	3
PANAMA	.	.	7	3	.	.	6	.	16
PARATYPHI A	.	.	4	3	.	.	3	.	10
PARATYPHI B	.	3	.	2	2	3	2	1	13
PENARTH	.	.	.	.	1	.	.	.	1
PENSACOLA	.	.	7	.	.	1	.	.	8

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=South Atlantic ----------

	STATE								
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	TOTAL
Serotype									
POMONA	.	.	2	2	2	.	.	.	6
POONA	.	5	8	2	4	3	6	2	30
QUIMBAMBA	.	.	.	1	.	.	.	.	1
READING	.	2	.	1	3	2	3	.	11
RISSEN	.	.	.	.	1	.	.	1	2
ROMANBY	.	.	.	.	1	.	1	.	2
RUBISLAW	.	12	11	.	.	3	2	.	28
SAINTPAUL	.	46	29	6	12	6	15	1	115
SANDIEGO	.	.	9	2	.	1	2	.	14
SAPHRA	.	.	.	.	1	.	.	.	1
SCHWARZENGRUND	.	.	9	1	2	.	4	.	16
SENFTENBERG	.	6	4	1	3	.	.	1	15
SEREMBAN	.	.	.	.	1	.	.	.	1
SINGAPORE	.	.	1	.	.	.	.	.	1
SINSTORF	.	1	.	.	.	.	.	.	1
SOERENGA	.	.	.	1	.	.	.	.	1
SOESTERBERG	.	.	.	.	.	.	1	.	1
STACHUS	.	.	1	.	.	.	.	.	1
STANLEY	3	4	3	7	1	4	1	.	23

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=South Atlantic ----------

	STATE								
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	TOTAL
Serotype									
STANLEYVILLE	.	.	.	1	.	.	1	.	2
STOCKHOLM	.	1	1	.	.	.	.	.	2
SUBSPECIES I	.	26	10	.	.	1	5	.	42
SUBSPECIES IIIA	.	3	.	.	.	.	1	.	4
SUBSPECIES IIIA/IIIB	.	.	1	.	10	7	.	1	19
SUBSPECIES IIIB	.	.	1	.	.	.	2	.	3
SUBSPECIES IV	.	.	.	.	.	.	1	.	1
TELELKEBIR	.	.	.	.	1	.	.	.	1
TENNESSEE	.	1	1	1	.	1	.	.	4
THOMPSON	1	4	20	10	27	7	13	4	86
TYPHI	.	10	7	11	4	2	22	1	57
TYPHIMURIUM	38	46	162	87	320	152	260	52	1117
TYPHIMURIUM VAR COPE	.	.	175	98	1	.	.	.	274
UGANDA	.	.	1	5	5	.	2	.	13
UGHELLI	.	1	.	.	.	.	.	.	1
UNKNOWN	.	.	82	1	5	19	2	3	112
URBANA	2	1	.	4	.	.	.	.	7
VIRCHOW	.	.	.	2	.	.	3	.	5

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

---------- REGION=South Atlantic ----------

	STATE								
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	TOTAL
Serotype									
WANDSWORTH	.	.	.	.	.	.	1	.	1
WANGATA	.	.	.	2	.	.	.	.	2
WAYCROSS	.	.	.	.	1	.	.	.	1
WELTEVREDEN	.	1	.	.	1	.	3	.	5
WORTHINGTON	.	.	.	1	3	.	1	.	5
WYNBERG	.	.	.	.	.	.	1	.	1
TOTAL	134	529	1726	733	1138	575	935	152	5922

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

REGION=East South Central

	STATE				
	Alabama	Kentucky	Mississippi	Tennessee	TOTAL
Serotype					
ABAETETUBA	.	1	.	.	1
ABERDEEN	1	.	.	.	1
AGONA	7	5	.	3	15
ALACHUA	1	.	.	.	1
ALLANDALE	.	.	1	.	1
ALTONA	1	.	.	.	1
ANATUM	1	7	.	2	10
ARECHAVALETA	2	.	.	.	2
BAILDON	.	.	.	1	1
BAREILLY	9	4	1	30	44
BERTA	2	2	.	4	8
BLOCKLEY	.	.	.	1	1
BOVISMORBIFICANS	.	1	.	2	3
BRAENDERUP	11	2	1	13	27
BRANDENBURG	1	1	.	1	3
BREDENEY	.	1	.	.	1
CARRAU	.	.	.	1	1
CHESTER	.	2	.	.	2
CHOLERAESUIS VAR KUN	.	.	.	2	2

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE				
	Alabama	Kentucky	Mississippi	Tennessee	TOTAL
Serotype					
CUBANA	.	1	.	.	1
DAYTONA	1	.	.	.	1
DERBY	1	.	.	5	6
EALING	.	2	.	.	2
EASTBOURNE	.	.	.	1	1
ENTERITIDIS	37	39	4	64	144
GAMINARA	1	.	2	.	3
GIVE	.	1	.	3	4
GOETTINGEN	.	.	.	2	2
GROUP 61	.	1	.	.	1
GROUP B	19	1	2	46	68
GROUP C1	2	.	.	2	4
GROUP C2	.	.	1	.	1
GROUP D1	5	.	1	.	6
GROUP E1	1	.	.	.	1
GROUP G	2	.	.	.	2
GROUP R	2	.	.	.	2
GROUP Y	.	1	.	.	1
HADAR	5	5	1	4	15
HARTFORD	5	1	1	2	9

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

REGION=East South Central

	STATE				
	Alabama	Kentucky	Mississippi	Tennessee	TOTAL
Serotype					
HEIDELBERG	26	24	6	37	93
HVITTINGFOSS	2	.	.	1	3
I 4,5,12:I:-	.	.	.	7	7
INFANTIS	9	5	5	4	23
INGANDA	1	.	.	.	1
INVERNESS	4	.	.	.	4
IRUMU	2	.	.	.	2
ITAMI	.	.	8	.	8
IV 45:G,Z51:-	.	.	.	2	2
JANGWANI	.	.	.	1	1
JAVA	.	4	1	19	24
JAVIANA	78	1	2	34	115
JOHANNESBURG	.	1	.	.	1
KENTUCKY	2	.	.	.	2
KINTAMBO	.	.	.	1	1
KOTTBUS	.	.	.	1	1
LAROCHELLE	.	.	1	.	1
LINDENBURG	1	.	.	.	1
LITCHFIELD	2	.	.	1	3
LUCIANA	.	.	.	1	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE				
	Alabama	Kentucky	Mississippi	Tennessee	TOTAL
Serotype					
MANHATTAN	2	1	.	3	6
MARINA	.	1	.	.	1
MBANDAKA	23	1	.	3	27
MIAMI	4	.	.	2	6
MISSISSIPPI	29	.	24	5	58
MOLADE	1	.	.	.	1
MONTEVIDEO	17	6	3	5	31
MUENCHEN	38	2	.	7	47
NESSZIONA	.	.	1	.	1
NEWPORT	70	25	18	156	269
NORWICH	1	3	4	1	9
OHIO	2	1	.	1	4
ORANIENBURG	7	4	.	6	17
OSLO	.	1	.	1	2
OYONNAX	1	.	.	.	1
PANAMA	1	.	1	2	4
PARATYPHI A	.	1	.	.	1
PARATYPHI B	2	1	.	.	3
PENSACOLA	2	.	.	.	2
POONA	5	6	1	5	17

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE				
	Alabama	Kentucky	Mississippi	Tennessee	TOTAL
Serotype					
READING	.	.	.	2	2
RICHMOND	.	1	.	.	1
ROMANBY	.	.	.	1	1
RUBISLAW	1	.	3	.	4
SAINTPAUL	5	1	.	13	19
SANDIEGO	4	1	.	4	9
SCHLEISSHEIM	7	.	.	.	7
SCHWARZENGRUND	2	.	.	1	3
SENFTENBERG	1	.	2	2	5
SHERBROOKE	1	.	.	.	1
STANLEY	1	.	.	4	5
STANLEYVILLE	.	.	.	1	1
SUBSPECIES I	.	.	.	1	1
SUBSPECIES IIIA	2	.	.	.	2
SUBSPECIES IIIB	.	1	.	.	1
SUBSPECIES IV	5	.	.	1	6
TALLAHASSEE	.	.	.	2	2
THOMPSON	11	7	.	11	29
TYPHI	.	1	.	3	4
TYPHIMURIUM	113	55	32	166	366

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE				
	Alabama	Kentucky	Mississippi	Tennessee	TOTAL
Serotype					
TYPHIMURIUM VAR COPE	.	28	6	32	66
UCCLE	.	.	.	2	2
UNKNOWN	2	7	4	78	91
VIRCHOW	.	1	.	2	3
WANDSWORTH	1	.	.	.	1
WORTHINGTON	2	.	.	.	2
TOTAL	607	269	137	821	1834

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE				
	Arkansas	Louisiana	Oklahoma	Texas	TOTAL
Serotype					
AARHUS	.	.	2	.	2
ABAETETUBA	1	.	.	.	1
ADELAIDE	.	1	.	4	5
AGAMA	.	.	1	.	1
AGONA	5	8	2	38	53
ALABAMA	1	.	.	.	1
ALACHUA	.	1	.	.	1
AMSTERDAM	.	.	.	1	1
ANATUM	.	9	1	13	23
ARECHAVALETA	.	.	1	.	1
ARKANSAS	2	.	.	.	2
BAREILLY	24	11	3	3	41
BERTA	1	5	1	4	11
BOVISMORBIFICANS	.	.	.	1	1
BRAENDERUP	4	17	3	33	57
BRANDENBURG	.	1	.	.	1
BREDENEY	.	.	1	5	6
CERRO	.	.	.	7	7
CHESTER	.	.	1	.	1
COLINDALE	.	1	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE				
	Arkansas	Louisiana	Oklahoma	Texas	TOTAL
Serotype					
CREMIEU	.	.	1	.	1
CUBANA	.	.	.	2	2
DERBY	1	1	.	6	8
DUBLIN	.	1	.	.	1
DUIVENHOKS	.	.	1	.	1
DURHAM	.	1	.	.	1
EASTBOURNE	.	.	.	2	2
ENTERITIDIS	9	17	19	78	123
GAMINARA	.	17	1	4	22
GIVE	.	14	.	5	19
GROUP 56	.	.	.	1	1
GROUP 58	.	1	.	.	1
GROUP B	.	29	12	8	49
GROUP C1	.	2	6	6	14
GROUP C2	.	1	.	6	7
GROUP D1	.	6	1	6	13
GROUP E1	.	.	.	1	1
GROUP G	.	.	.	3	3
GROUP V	.	1	.	.	1
GROUP Z	.	.	.	1	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE				TOTAL
	Arkansas	Louisiana	Oklahoma	Texas	
Serotype					
HADAR	1	2	.	12	15
HARTFORD	1	3	.	.	4
HAVANA	1	1	.	2	4
HEIDELBERG	25	28	15	51	119
HVITTINGFOSS	.	3	.	2	5
IBADAN	.	.	.	12	12
INFANTIS	2	11	10	66	89
INVERNESS	.	5	.	.	5
JAVA	2	4	1	12	19
JAVIANA	58	113	9	96	276
KENTUCKY	.	1	.	1	2
KIAMBU	.	2	.	1	3
KOTTBUS	.	.	1	.	1
LINDENBURG	.	.	2	.	2
LITCHFIELD	2	3	1	6	12
LIVINGSTONE	.	1	.	.	1
LOMITA	.	.	1	.	1
LONDON	.	1	.	2	3
LUCIANA	.	1	.	.	1
MADELIA	.	.	.	4	4

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE				
	Arkansas	Louisiana	Oklahoma	Texas	TOTAL
Serotype					
MANHATTAN	.	2	.	2	4
MARINA	.	1	.	3	4
MBANDAKA	1	5	1	11	18
MELEAGRIDIS	.	.	1	.	1
MINNESOTA	.	.	.	1	1
MISSISSIPPI	10	58	5	25	98
MONTEVIDEO	15	29	8	53	105
MUENCHEN	4	28	2	33	67
MUENSTER	.	.	1	1	2
NCHANGA	.	.	1	.	1
NEWBRUNSWICK	.	.	1	.	1
NEWPORT	259	161	68	212	700
NORWICH	12	.	7	3	22
OHIO	2	2	.	.	4
ORANIENBURG	.	11	11	51	73
PANAMA	2	.	5	8	15
PARATYPHI A	.	.	.	7	7
PARATYPHI B	.	.	5	6	11
PHOENIX	.	.	.	5	5
POONA	2	4	2	20	28

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE				
	Arkansas	Louisiana	Oklahoma	Texas	TOTAL
Serotype					
READING	.	1	.	1	2
RUBISLAW	5	11	1	6	23
SAINTPAUL	4	5	1	16	26
SANDIEGO	.	.	3	10	13
SAPHRA	.	9	.	3	12
SCHWARZENGRUND	1	4	.	2	7
SENFTENBERG	.	4	.	8	12
STANLEY	1	3	3	3	10
SUBSPECIES I	.	1	.	.	1
SUBSPECIES II	.	.	3	.	3
SUBSPECIES III	.	.	.	1	1
SUBSPECIES IIIA/IIIB	.	.	1	.	1
TELELKEBIR	.	.	.	2	2
TENNESSEE	.	.	.	3	3
THOMPSON	.	9	5	8	22
TOUCRA	.	.	1	.	1
TYPHI	1	1	1	11	14
TYPHIMURIUM	107	75	68	193	443
UGANDA	.	.	2	5	7

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE				TOTAL
	Arkansas	Louisiana	Oklahoma	Texas	
Serotype					
UNKNOWN	12	4	.	163	179
URBANA	.	.	.	1	1
WANDSWORTH	.	.	.	2	2
WELTEVREDEN	.	2	.	3	5
WORTHINGTON	.	1	.	1	2
TOTAL	578	755	304	1388	3025

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE							
	Arizona	Colorado	Idaho	Nevada	New Mexico	Utah	Wyoming	TOTAL
Serotype								
AARHUS	.	.	.	.	.	.	1	1
ABONY	1	.	.	.	.	.	.	1
ADELAIDE	.	.	.	.	.	1	.	1
AGO	.	.	.	.	1	.	.	1
AGONA	6	1	.	1	9	6	.	23
ALACHUA	.	1	.	.	.	.	.	1
ALBANY	.	.	.	1	.	.	.	1
AMSTERDAM	1	.	.	.	.	.	.	1
ANATUM	11	1	.	2	11	1	.	26
ANTSALOVA	.	1	.	.	.	.	.	1
AQUA	1	.	.	.	1	.	.	2
BABELSBERG	.	.	1	.	.	.	.	1
BARDO	.	.	.	2	.	.	1	3
BAREILLY	.	.	.	.	1	1	.	2
BERTA	3	1	.	3	1	2	.	10
BLEGDAM	.	.	1	1	.	.	.	2
BLOCKLEY	.	1	1	.	.	.	.	2
BOVISMORBIFICANS	2	1	.	1	.	.	.	4
BRAENDERUP	7	9	2	4	3	3	.	28
BRANDENBURG	3	2	.	.	4	.	.	9

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE							
	Arizona	Colorado	Idaho	Nevada	New Mexico	Utah	Wyoming	TOTAL
Serotype								
BREDENEY	1	.	.	.	.	2	.	3
CARRAU	1	.	.	.	.	.	.	1
CERRO	3	.	.	.	.	1	.	4
CHESTER	.	1	.	.	.	.	.	1
CUBANA	2	3	.	.	.	1	.	6
DENVER	.	.	.	.	1	.	.	1
DERBY	9	5	1	1	.	1	.	17
DUBLIN	15	1	1	1	.	2	.	20
EKPOUI	.	.	.	.	1	.	.	1
ENTERITIDIS	78	179	34	70	12	298	17	688
FAYED	.	.	.	.	.	.	1	1
GAMINARA	.	1	1	.	1	.	.	3
GATUNI	1	.	.	.	.	.	.	1
GIVE	.	3	.	1	1	1	.	6
GROUP B	.	.	2	.	3	.	5	10
GROUP C1	1	1	.	.	1	.	2	5
GROUP C2	.	1	.	.	.	.	.	1
GROUP D1	.	.	.	.	.	.	5	5
GROUP E1	1	1	3	.	.	.	1	6
GROUP G	.	.	1	.	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE							
	Arizona	Colorado	Idaho	Nevada	New Mexico	Utah	Wyoming	TOTAL
Serotype								
GROUP K	1	.	.	.	.	.	.	1
GROUP X	1	.	.	.	.	.	.	1
HADAR	6	2	1	.	4	5	.	18
HARTFORD	.	1	.	.	.	.	.	1
HAVANA	.	1	.	.	1	.	.	2
HEIDELBERG	32	37	3	3	5	9	5	94
HINDMARSH	.	.	.	1	.	.	.	1
IBADAN	1	.	.	.	.	.	.	1
IDIKAN	1	.	.	.	.	.	.	1
IIIA 48:G,Z51:-	1	.	.	.	.	.	.	1
IIIA 53:Z4,Z23,Z32:-	.	1	.	.	.	.	.	1
IIIB 38:(K):Z35	.	1	.	.	.	.	.	1
INDIANA	.	.	.	.	.	1	.	1
INFANTIS	8	6	3	2	11	6	1	37
ITURI	.	.	.	1	.	.	.	1
JAVA	9	5	2	2	.	3	1	22
JAVIANA	28	7	1	3	9	5	.	53
JOHANNESBURG	.	.	.	1	.	.	.	1
KAAPSTAD	.	.	1	.	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE							
	Arizona	Colorado	Idaho	Nevada	New Mexico	Utah	Wyoming	TOTAL
Serotype								
KENTUCKY	1	.	.	.	.	.	.	1
KIAMBU	1	.	.	.	.	.	.	1
KINSHASA	1	.	.	.	.	.	.	1
KINTAMBO	1	.	.	.	.	.	.	1
KOTTBUS	1	.	.	.	.	.	1	2
KRALENDYK	2	3	.	.	.	.	.	5
LAMBERHURST	.	.	.	.	.	.	1	1
LEXINGTON	1	.	.	.	.	.	.	1
LITCHFIELD	1	1	1	1	3	.	.	7
LOANDA	.	.	.	1	.	.	.	1
LOMALINDA	.	.	.	.	.	1	.	1
LONDON	.	1	.	.	.	.	.	1
MADELIA	.	.	.	.	.	1	.	1
MANHATTAN	.	1	.	.	.	.	.	1
MARINA	.	1	.	.	.	.	.	1
MBANDAKA	7	6	.	3	6	4	1	27
MELEAGRIDIS	1	.	.	.	.	.	.	1
MICHIGAN	1	.	.	.	.	.	.	1
MIKAWASIMA	1	.	.	.	.	.	.	1
MINNESOTA	.	1	.	.	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE							
	Arizona	Colorado	Idaho	Nevada	New Mexico	Utah	Wyoming	TOTAL
Serotype								
MONTEVIDEO	32	44	2	4	10	8	.	100
MUENCHEN	32	4	8	1	5	4	1	55
MUENSTER	1	.	.	.	1	.	.	2
NEWBRUNSWICK	1	.	.	.	.	.	.	1
NEWINGTON	4	.	.	.	.	.	.	4
NEWPORT	88	54	7	4	19	14	1	187
NORWICH	8	.	.	2	1	.	.	11
OHIO	1	3	.	1	.	.	.	5
ORANIENBURG	52	19	.	.	11	6	.	88
ORIENTALIS	1	.	.	.	.	.	.	1
OSLO	.	1	.	.	.	1	.	2
OTHMARSCHEN	.	.	7	3	.	.	.	10
PANAMA	16	5	.	1	.	4	.	26
PARATYPHI A	3	2	1	.	.	.	1	7
PARATYPHI B	7	4	1	4	1	.	1	18
POMONA	.	.	1	.	.	.	.	1
POONA	45	2	.	5	8	2	.	62
READING	10	.	.	.	.	2	.	12
RICHMOND	1	.	.	.	.	.	.	1
RISSEN	.	.	.	.	.	.	1	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE							
	Arizona	Colorado	Idaho	Nevada	New Mexico	Utah	Wyoming	TOTAL
Serotype								
RUBISLAW	.	1	.	.	.	.	.	1
SAINTPAUL	19	12	1	5	3	4	.	44
SANDIEGO	10	3	.	.	1	1	.	15
SANJUAN	.	.	.	1	.	.	.	1
SCHWARZENGRUND	2	1	.	.	1	.	.	4
SENEGAL	.	1	.	.	.	.	.	1
SENFTENBERG	2	6	.	2	2	2	.	14
SINGAPORE	1	1	.	.	.	.	.	2
SINSTORF	.	1	.	.	.	.	.	1
STANLEY	6	1	1	3	.	.	1	12
SUBSPECIES I	10	1	1	.	.	.	.	12
SUBSPECIES II	2	.	.	.	.	.	.	2
SUBSPECIES IIIA	4	1	.	.	.	.	.	5
SUBSPECIES IIIA/IIIB	.	1	.	.	1	.	1	3
SUBSPECIES IIIB	3	3	.	.	1	.	.	7
SUBSPECIES IV	2	.	1	.	.	.	.	3
SUBSPECIES VI	.	.	.	.	1	.	.	1
SUNDSVALL	1	1	.	.	.	.	.	2
TELELKEBIR	1	.	.	.	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE							
	Arizona	Colorado	Idaho	Nevada	New Mexico	Utah	Wyoming	TOTAL
Serotype								
TENNESSEE	2	.	.	.	.	1	.	3
THOMASVILLE	.	1	.	.	.	.	.	1
THOMPSON	23	3	1	1	2	6	.	36
TILENE	.	.	.	1	.	.	.	1
TSHIONGWE	.	.	.	.	.	.	2	2
TYPHI	4	2	.	.	.	1	.	7
TYPHIMURIUM	117	127	17	23	31	66	.	381
TYPHIMURIUM VAR COPE	.	50	6	6	14	.	6	82
UGANDA	.	1	.	.	.	.	.	1
UNKNOWN	.	27	1	8	4	1	2	43
URBANA	.	1	.	.	.	.	.	1
UZARAMO	1	.	.	.	.	.	.	1
VIRCHOW	1	2	1	1	.	.	.	5
WANDSWORTH	.	.	.	.	1	.	.	1
WASSENAAR	2	.	.	.	.	.	.	2
WELTEVREDEN	1	2	.	.	.	.	.	3
WORTHINGTON	.	2	1	.	.	1	.	4
TOTAL	770	679	118	182	208	479	60	2496

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

REGION=Pacific

	STATE					
	Alaska	California	Hawaii	Oregon	Washington	TOTAL
Serotype						
AARHUS	.	1	.	.	1	2
ABERDEEN	.	3	2	.	1	6
ADELAIDE	.	8	.	2	.	10
AGONA	1	79	3	7	16	106
AGOUEVE	.	1	.	.	1	2
AHUZA	.	1	.	.	.	1
ALACHUA	.	3	.	.	1	4
ALBANY	.	5	1	.	2	8
ALTONA	.	.	1	.	.	1
AMAGER	.	1	3	.	.	4
ANATUM	.	21	2	2	5	30
APAPA	.	1	.	.	.	1
APEYEME	.	1	.	.	.	1
ARECHAVALETA	.	2	.	.	.	2
BARDO	.	6	.	.	.	6
BAREILLY	.	7	.	.	.	7
BEAUDESERT	.	1	.	.	.	1
BERTA	.	58	.	3	.	61
BIRKENHEAD	.	.	2	.	.	2
BLOCKLEY	.	4	.	.	1	5

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

REGION=Pacific

	STATE					
	Alaska	California	Hawaii	Oregon	Washington	TOTAL
Serotype						
BONN	.	1	.	.	.	1
BOVISMORBIFICANS	.	4	.	.	.	4
BRAENDERUP	.	37	2	2	13	54
BRANDENBURG	.	19	.	.	4	23
BREDENEY	.	4	.	.	.	4
CANADA	.	.	.	.	1	1
CARRAU	.	1	.	.	.	1
CERRO	.	17	.	1	1	19
CHAILEY	.	1	.	.	.	1
CHAMELEON	.	2	.	1	.	3
CHESTER	.	5	.	1	1	7
CLACKAMAS	.	.	.	.	1	1
COLINDALE	.	.	.	1	.	1
COTHAM	.	.	.	1	.	1
CUBANA	.	5	.	.	1	6
CULLINGWORTH	.	.	.	.	1	1
DAYTONA	.	.	.	.	2	2
DERBY	.	41	1	4	1	47
DRYPOOL	.	1	.	.	.	1
DUBLIN	.	46	2	3	5	56

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE					
	Alaska	California	Hawaii	Oregon	Washington	TOTAL
Serotype						
DUGBE	.	1	.	.	.	1
DURHAM	.	2	.	.	.	2
EALING	.	2	.	.	.	2
EASTBOURNE	.	3	.	.	.	3
EBRIE	.	1	.	.	.	1
EDINBURG	.	1	.	.	.	1
ELOMRANE	.	1	.	.	.	1
EMEK	.	3	.	.	.	3
ENTERITIDIS	7	872	22	62	100	1063
FLINT	.	2	.	.	.	2
GAMINARA	.	3	.	.	.	3
GIVE	.	4	7	2	3	16
GLOSTRUP	.	1	.	.	.	1
GROUP 53	.	1	.	.	.	1
GROUP 60	.	1	.	.	.	1
GROUP 65	.	1	.	.	.	1
GROUP B	.	87	3	1	.	91
GROUP C1	.	2	2	1	.	5
GROUP C2	.	4	.	2	.	6
GROUP D1	.	10	1	.	.	11

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

REGION=Pacific

	STATE					
	Alaska	California	Hawaii	Oregon	Washington	TOTAL
Serotype						
GROUP E1	.	20	3	3	.	26
GROUP F	.	1	.	.	.	1
GROUP G	.	6	.	.	.	6
GROUP H	.	3	.	1	.	4
GROUP I	.	4	.	.	.	4
GROUP K	.	3	.	.	.	3
GROUP O	.	1	.	.	.	1
GROUP R	.	4	.	.	1	5
GROUP S	.	.	.	.	1	1
GROUP U	.	.	2	.	.	2
GROUP V	.	1	.	.	.	1
GROUP Y	.	1	.	.	1	2
GROUP Z	.	13	.	.	1	14
GRUMPENSIS	.	.	.	.	1	1
HAARDT	.	4	.	.	.	4
HADAR	.	52	4	3	5	64
HAGENBECK	.	1	.	.	.	1
HAIFA	.	3	.	.	.	3
HARTFORD	.	14	.	1	.	15
HAVANA	.	4	1	.	1	6

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

REGION=Pacific

	STATE					
	Alaska	California	Hawaii	Oregon	Washington	TOTAL
Serotype						
HEIDELBERG	.	178	21	15	41	255
HVITTINGFOSS	.	1	.	2	.	3
IBADAN	.	1	.	.	.	1
INDIANA	.	2	.	.	.	2
INFANTIS	1	80	.	4	18	103
INVERNESS	.	.	.	.	1	1
IRUMU	.	.	.	1	.	1
ISTANBUL	.	1	.	.	1	2
ITAMI	.	.	.	1	2	3
JANGWANI	.	2	.	.	.	2
JAVA	.	43	.	6	.	49
JAVIANA	.	49	2	6	2	59
JOHANNESBURG	.	5	.	.	.	5
KENTUCKY	.	9	.	.	1	10
KIAMBU	.	5	.	1	.	6
KOTTBUS	.	8	.	.	.	8
KRALENDYK	.	1	.	.	.	1
KREFELD	1	.	.	.	.	1
LITCHFIELD	.	12	.	1	3	16
LIVINGSTONE	.	1	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

REGION=Pacific

	STATE					
	Alaska	California	Hawaii	Oregon	Washington	TOTAL
Serotype						
LOMALINDA	.	3	.	.	.	3
LOMITA	.	.	.	.	1	1
LONDON	.	6	.	.	.	6
MADELIA	.	1	.	.	.	1
MALSTATT	.	1	.	.	.	1
MANHATTAN	.	8	2	.	.	10
MARINA	.	7	.	.	2	9
MATADI	.	1	.	.	.	1
MBANDAKA	.	19	.	5	3	27
MELEAGRIDIS	.	1	.	.	1	2
MIAMI	.	4	.	.	1	5
MIKAWASIMA	.	1	.	.	.	1
MINNESOTA	.	5	.	.	1	6
MISSISSIPPI	.	3	.	.	.	3
MONTEVIDEO	2	134	11	23	22	192
MUENCHEN	1	73	11	8	7	100
MUENSTER	1	17	.	3	1	22
NAPOLI	.	1	.	.	.	1
NEWBRUNSWICK	.	5	.	.	.	5
NEWINGTON	.	3	.	.	.	3

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE					
	Alaska	California	Hawaii	Oregon	Washington	TOTAL
Serotype						
NEWPORT	1	144	14	11	23	193
NOTTINGHAM	.	2	.	.	.	2
OAKLAND	.	1	.	.	.	1
OHIO	.	22	1	.	.	23
ORANIENBURG	.	75	.	8	13	96
ORIENTALIS	1	1	.	.	.	2
ORION	.	1	.	.	.	1
OSLO	.	2	3	.	.	5
OTHMARSCHEN	.	2	.	.	.	2
PANAMA	1	27	3	.	1	32
PARATYPHI A	.	14	.	1	3	18
PARATYPHI B	.	14	1	3	21	39
POMONA	.	4	.	1	.	5
POONA	.	53	.	16	11	80
POTSDAM	.	1	.	.	.	1
READING	.	18	.	5	2	25
RICHMOND	.	1	.	.	.	1
ROMANBY	.	1	.	.	.	1
ROODEPOORT	.	1	.	.	.	1
ROSENTHAL	.	1	.	.	.	1

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

REGION=Pacific

	STATE					
	Alaska	California	Hawaii	Oregon	Washington	TOTAL
Serotype						
RUBISLAW	.	.	.	1	2	3
SAINTPAUL	3	87	2	10	25	127
SALINATIS	.	1	.	.	.	1
SANDIEGO	.	9	.	4	2	15
SAPHRA	.	.	.	1	.	1
SCHWARZENGRUND	.	12	.	8	1	21
SENDAI	.	1	.	.	.	1
SENFTENBERG	.	38	4	1	2	45
SOAHANINA	.	1	.	.	.	1
SOERENGA	.	1	.	.	.	1
SOUTHAMPTON	.	.	1	.	.	1
STANLEY	.	44	3	11	7	65
SUAREZ	.	1	.	.	.	1
SUBSPECIES I	3	.	2	5	10	20
SUBSPECIES II	.	.	.	.	1	1
SUBSPECIES III	.	.	.	.	3	3
SUBSPECIES IIIA	.	.	.	1	.	1
SUBSPECIES IIIB	.	.	.	.	2	2
SUNDSVALL	.	2	.	.	.	2
TELELKEBIR	.	4	.	.	.	4

(Continued)

TABLE 4
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 2000

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

	STATE					
	Alaska	California	Hawaii	Oregon	Washington	TOTAL
Serotype						
TENNESSEE	.	2	.	.	1	3
THOMPSON	.	91	.	3	15	109
TYPHI	2	76	6	6	8	98
TYPHIMURIUM	11	470	70	82	222	855
TYPHIMURIUM VAR COPE	.	191	.	.	.	191
UGANDA	.	12	.	.	3	15
UNKNOWN	.	33	.	3	3	39
URBANA	.	4	.	.	1	5
VIRCHOW	.	22	1	1	11	35
VIRGINIA	.	1	.	.	.	1
WANDSBEK	.	1	.	.	.	1
WANDSWORTH	.	2	.	.	.	2
WASSENAAR	.	1	.	.	.	1
WELTEVREDEN	.	5	25	.	1	31
WIEN	.	.	.	.	1	1
WORTHINGTON	.	2	.	.	1	3
WYNBERG	.	1	.	.	.	1
TOTAL	36	3715	247	362	677	5037

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
AARHUS	.	1	.	1	.	.	2	1	2	7
ABA	.	4	.	.	.	.	.	.	.	4
ABAETETUBA	.	.	1	1	1	1	1	.	.	5
ABERDEEN	3	.	.	.	2	1	.	.	6	12
ABONY	.	.	.	.	.	.	.	1	.	1
ADELAIDE	2	9	6	4	3	.	5	1	10	40
AGAMA	.	.	.	.	.	.	1	.	.	1
AGBENI	.	7	.	3	3	.	.	.	.	13
AGO	.	.	.	.	.	.	.	1	.	1
AGONA	25	55	38	40	27	15	53	23	106	382
AGOUEVE	.	.	.	.	.	.	.	.	2	2
AHUZA	.	.	1	.	.	.	.	.	1	2
AJIOBO	1	.	.	.	1	.	.	.	.	2
ALABAMA	.	.	.	.	.	.	1	.	.	1
ALACHUA	4	.	4	1	3	1	1	1	4	19
ALBANY	.	4	1	1	3	.	.	1	8	18
ALLANDALE	.	.	.	.	.	1	.	.	.	1
ALTONA	.	.	.	1	1	1	.	.	1	4
AMAGER	.	2	.	.	1	.	.	.	4	7
AMSTERDAM	.	.	.	.	.	.	1	1	.	2

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
ANATUM	8	20	20	15	18	10	23	26	30	170
ANECHO	1	.	.	.	.	.	.	.	.	1
ANTSALOVA	.	.	1	.	1	.	.	1	.	3
APAPA	.	.	2	1	.	.	.	.	1	4
APEYEME	.	.	.	.	.	.	.	.	1	1
AQUA	.	.	.	.	.	.	.	2	.	2
ARAGUA	.	.	.	.	1	.	.	.	.	1
ARECHAVALETA	2	2	.	.	.	2	1	.	2	9
ARKANSAS	.	.	.	.	.	.	2	.	.	2
ASSEN	.	.	.	.	1	.	.	.	.	1
BABELSBERG	.	.	.	.	.	.	.	1	.	1
BAILDON	.	1	1	.	1	1	.	.	.	4
BANANA	.	.	1	.	.	.	.	.	.	1
BARDO	1	4	4	.	.	.	.	3	6	18
BAREILLY	6	5	6	21	48	44	41	2	7	180
BEAUDESERT	.	.	.	.	.	.	.	.	1	1
BERGEN	1	1	.	.	.	.	.	.	.	2
BERN	.	.	1	.	1	.	.	.	.	2
BERTA	19	52	56	12	66	8	11	10	61	295
BIRKENHEAD	.	.	.	.	.	.	.	.	2	2

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
BLEADON	.	.	.	1	.	.	.	.	.	1
BLEGDAM	.	.	.	.	.	.	.	2	.	2
BLOCKLEY	1	6	1	3	4	1	.	2	5	23
BOLTON	.	.	.	.	1	.	.	.	.	1
BONAMES	.	.	.	.	1	.	.	.	.	1
BONARIENSIS	.	1	1	.	1	.	.	.	.	3
BONGOR	.	.	1	.	.	.	.	.	.	1
BONN	.	.	.	.	.	.	.	.	1	1
BORBECK	.	1	.	.	.	.	.	.	.	1
BORNUM	.	.	.	.	1	.	.	.	.	1
BOVISMORBIFICANS	3	9	13	4	10	3	1	4	4	51
BRADFORD	.	.	.	1	1	.	.	.	.	2
BRAENDERUP	37	63	115	39	87	27	57	28	54	507
BRANDENBURG	6	9	7	6	13	3	1	9	23	77
BREDENEY	3	5	2	.	.	1	6	3	4	24
BUKAVU	.	.	1	.	.	.	.	.	.	1
CANADA	.	.	.	.	.	.	.	.	1	1
CANNSTATT	.	.	.	1	.	.	.	.	.	1
CARMEL	.	.	.	1	.	.	.	.	.	1
CARRAU	.	.	.	.	2	1	.	1	1	5

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
CERRO	6	2	.	4	9	.	7	4	19	51
CHAILEY	.	.	.	.	.	.	.	.	1	1
CHAMELEON	.	3	3	1	1	.	.	.	3	11
CHARITY	.	.	1	.	.	.	.	.	.	1
CHESTER	1	1	2	2	2	2	1	1	7	19
CHINCOL	.	.	.	.	2	.	.	.	.	2
CHOLERAESUIS	1	1	1	1	2	.	.	.	.	6
CHOLERAESUIS VAR KUN	2	2	.	1	2	2	.	.	.	9
CLACKAMAS	.	.	.	.	.	.	.	.	1	1
COELN	.	1	1	1	.	.	.	.	.	3
COLINDALE	1	.	.	.	.	.	1	.	1	3
CORVALLIS	.	.	.	1	.	.	.	.	.	1
COTHAM	.	.	.	.	.	.	.	.	1	1
CREMIEU	.	.	.	.	1	.	1	.	.	2
CUBANA	2	5	3	3	1	1	2	6	6	29
CULLINGWORTH	.	.	.	.	.	.	.	.	1	1
CURACAO	.	.	.	.	2	.	.	.	.	2
DAHRA	.	.	.	.	1	.	.	.	.	1
DAYTONA	.	.	.	.	.	1	.	.	2	3
DENVER	.	.	.	.	.	.	.	1	.	1

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
DERBY	12	23	22	11	31	6	8	17	47	177
DIOURBEL	.	1	.	.	.	.	.	.	.	1
DJUGU	.	1	.	.	.	.	.	.	.	1
DRYPOOL	.	.	.	.	.	.	.	.	1	1
DUBLIN	3	5	3	1	5	.	1	20	56	94
DUESSELDORF	.	1	.	.	.	.	.	.	.	1
DUGBE	.	.	.	.	.	.	.	.	1	1
DUIVENHOKS	.	.	.	.	.	.	1	.	.	1
DURBAN	1	.	.	.	3	.	.	.	.	4
DURHAM	.	.	.	.	.	.	1	.	2	3
EALING	.	2	.	2	1	2	.	.	2	9
EASTBOURNE	.	.	2	.	1	1	2	.	3	9
EBRIE	.	.	1	.	1	.	.	.	1	3
EDINBURG	1	.	.	.	.	.	.	.	1	2
EKPOUI	.	.	.	.	.	.	.	1	.	1
ELOMRANE	.	.	.	.	.	.	.	.	1	1
EMEK	1	1	.	.	.	.	.	.	3	5
ENTERITIDIS	558	1658	906	301	783	144	123	688	1063	6224
EPPENDORF	.	1	.	.	1	.	.	.	.	2
ESSEN	.	2	.	2	.	.	.	.	.	4

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
FAYED	.	.	.	.	2	.	.	1	.	3
FISCHERSTRASSE	.	.	1	.	.	.	.	.	.	1
FLINT	1	1	4	.	48	.	.	.	2	56
FLORIDA	1	.	.	.	1	.	.	.	.	2
GAMINARA	3	2	.	1	14	3	22	3	3	51
GATOW	.	1	.	.	.	.	.	.	.	1
GATUNI	.	.	.	.	.	.	.	1	.	1
GIVE	4	13	10	3	10	4	19	6	16	85
GLOSTRUP	2	1	.	1	1	.	.	.	1	6
GOETTINGEN	1	.	.	.	.	2	.	.	.	3
GROUP 53	.	.	1	.	.	.	.	.	1	2
GROUP 56	.	.	.	.	.	.	1	.	.	1
GROUP 58	.	1	.	.	.	.	1	.	.	2
GROUP 60	.	1	.	.	.	.	.	.	1	2
GROUP 61	.	.	1	.	.	1	.	.	.	2
GROUP 65	.	.	.	.	.	.	.	.	1	1
GROUP B	39	104	21	137	66	68	49	10	91	585
GROUP C1	2	12	10	17	17	4	14	5	5	86
GROUP C2	3	8	2	2	6	1	7	1	6	36
GROUP D1	1	8	6	31	14	6	13	5	11	95

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
GROUP D2	.	1	.	.	.	.	.	.	.	1
GROUP D3	.	1	.	.	2	.	.	.	.	3
GROUP E1	5	2	.	2	4	1	1	6	26	47
GROUP E2	.	.	.	.	1	.	.	.	.	1
GROUP E4	.	.	.	.	1	.	.	.	.	1
GROUP F	.	.	.	.	.	.	.	.	1	1
GROUP G	.	2	.	3	.	2	3	1	6	17
GROUP H	.	.	2	.	.	.	.	.	4	6
GROUP I	.	.	1	.	1	.	.	.	4	6
GROUP K	.	.	.	.	.	.	.	1	3	4
GROUP L	.	.	.	.	1	.	.	.	.	1
GROUP O	.	.	.	.	.	.	.	.	1	1
GROUP P	.	2	.	1	.	.	.	.	.	3
GROUP R	.	2	.	1	.	2	.	.	5	10
GROUP S	.	1	.	.	1	.	.	.	1	3
GROUP U	.	.	.	.	.	.	.	.	2	2
GROUP V	1	4	.	.	.	.	1	.	1	7
GROUP W	1	1	.	.	.	.	.	.	.	2
GROUP X	.	.	.	.	.	.	.	1	.	1
GROUP Y	.	3	1	1	3	1	.	.	2	11

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
GROUP Z	.	4	.	1	.	.	1	.	14	20
GRUMPENSIS	.	.	.	.	.	.	.	.	1	1
GUSTAVIA	1	.	.	.	.	.	.	.	.	1
HAARDT	.	.	.	.	.	.	.	.	4	4
HADAR	32	107	22	18	39	15	15	18	64	330
HAGENBECK	.	2	.	.	.	.	.	.	1	3
HAIFA	4	1	1	.	2	.	.	.	3	11
HARTFORD	10	16	35	15	32	9	4	1	15	137
HATO	.	.	.	.	2	.	.	.	.	2
HAVANA	.	6	2	3	1	.	4	2	6	24
HEIDELBERG	156	295	233	179	237	93	119	94	255	1661
HIDUDDIFY	.	.	.	.	1	.	.	.	.	1
HINDMARSH	.	1	1	.	.	.	.	1	.	3
HOUTEN	1	.	.	1	.	.	.	.	.	2
HVITTINGFOSS	4	4	7	2	2	3	5	.	3	30
I 4,5,12:I:-	.	1	6	40	27	7	.	.	.	81
IBADAN	.	.	1	.	2	.	12	1	1	17
IDIKAN	.	1	.	.	.	.	.	1	.	2
IIIA 48:G,Z51:-	.	.	.	.	2	.	.	1	.	3
IIIA 53:Z4,Z23,Z32:-	.	.	.	.	1	.	.	1	.	2

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
IIIB 38:(K):Z35	.	.	.	.	.	.	.	1	.	1
IIIB 38:1,V:Z53	1	.	.	.	.	.	.	.	.	1
IIIB 48:I:Z	1	.	2	.	.	.	.	.	.	3
INDIANA	1	3	.	1	1	.	.	1	2	9
INFANTIS	23	91	81	40	90	23	89	37	103	577
INGANDA	.	.	.	.	.	1	.	.	.	1
INVERNESS	.	.	1	.	11	4	5	.	1	22
IRUMU	.	.	.	.	2	2	.	.	1	5
ISTANBUL	2	7	1	.	1	.	.	.	2	13
ITAMI	1	.	.	.	.	8	.	.	3	12
ITURI	.	.	1	.	.	.	.	1	.	2
IV 44:Z4,Z23:-	.	1	2	.	.	.	.	.	.	3
IV 45:G,Z51:-	.	.	.	.	.	2	.	.	.	2
JAJA	.	.	.	.	1	.	.	.	.	1
JANGWANI	.	4	.	.	.	1	.	.	2	7
JAVA	21	61	92	65	81	24	19	22	49	434
JAVIANA	23	45	34	39	523	115	276	53	59	1167
JOHANNESBURG	3	3	5	3	6	1	.	1	5	27
KAAPSTAD	.	.	.	.	.	.	.	1	.	1
KEDOUGOU	.	2	.	.	1	.	.	.	.	3

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
KENTUCKY	9	11	2	3	6	2	2	1	10	46
KIAMBU	2	3	3	3	1	.	3	1	6	22
KILWA	.	.	.	.	4	.	.	.	.	4
KINSHASA	.	1	.	.	1	.	.	1	.	3
KINTAMBO	.	.	.	.	1	1	.	1	.	3
KOKOMLEMLE	.	1	1	.	.	.	.	.	.	2
KOTTBUS	.	1	.	1	.	1	1	2	8	14
KRALENDYK	1	.	3	.	3	.	.	5	1	13
KRALINGEN	.	.	.	.	1	.	.	.	.	1
KREFELD	.	.	.	.	.	.	.	.	1	1
KRISTIANSTAD	.	.	.	.	1	.	.	.	.	1
KUA	.	.	.	.	1	.	.	.	.	1
LAMBERHURST	.	.	.	.	.	.	.	1	.	1
LANKA	.	.	.	.	1	.	.	.	.	1
LAROCHELLE	.	.	1	.	.	1	.	.	.	2
LEXINGTON	.	.	.	.	.	.	.	1	.	1
LILLE	.	.	1	.	.	.	.	.	.	1
LINCOLN	.	.	.	1	.	.	.	.	.	1
LINDENBURG	.	.	1	.	3	1	2	.	.	7
LITCHFIELD	11	28	20	7	10	3	12	7	16	114

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
LIVINGSTONE	.	1	1	1	1	.	1	.	1	6
LOANDA	.	.	.	.	.	.	.	1	.	1
LOHBRUEGGE	.	.	.	.	1	.	.	.	.	1
LOMALINDA	1	1	.	.	.	.	.	1	3	6
LOMITA	.	.	.	.	.	.	1	.	1	2
LONDON	1	4	4	3	1	.	3	1	6	23
LUCIANA	.	1	.	1	4	1	1	.	.	8
MADELIA	.	3	.	.	7	.	4	1	1	16
MALSTATT	.	.	.	.	.	.	.	.	1	1
MANCHESTER	.	.	.	.	1	.	.	.	.	1
MANHATTAN	2	10	7	10	16	6	4	1	10	66
MARINA	2	8	8	3	5	1	4	1	9	41
MATADI	1	4	2	.	1	.	.	.	1	9
MBANDAKA	7	12	9	10	12	27	18	27	27	149
MELEAGRIDIS	1	1	4	3	.	.	1	1	2	13
MIAMI	5	10	4	3	45	6	.	.	5	78
MICHIGAN	.	.	.	.	.	.	.	1	.	1
MIKAWASIMA	2	1	1	.	.	.	.	1	1	6
MINNESOTA	.	.	5	3	3	.	1	1	6	19
MISSISSIPPI	5	11	2	6	102	58	98	.	3	285

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
MOLADE	.	2	1	.	.	1	.	.	.	4
MONSCHAUI	.	1	1	.	2	.	.	.	.	4
MONTEVIDEO	36	77	81	77	100	31	105	100	192	799
MUENCHEN	39	46	22	40	189	47	67	55	100	605
MUENSTER	8	46	12	5	10	.	2	2	22	107
MUNDONOBO	.	.	.	.	1	.	.	.	.	1
NACHSHONIM	.	.	.	.	1	.	.	.	.	1
NAPOLI	1	.	.	.	.	.	.	.	1	2
NCHANGA	.	.	.	.	.	.	1	.	.	1
NESSZIONA	.	.	.	.	.	1	.	.	.	1
NEWBRUNSWICK	.	.	1	.	.	.	1	1	5	8
NEWINGTON	.	.	.	.	1	.	.	4	3	8
NEWMEXICO	.	.	1	.	3	.	.	.	.	4
NEWPORT	137	217	264	206	802	269	700	187	193	2975
NIGERIA	.	.	1	.	.	.	.	.	.	1
NIMA	2	1	.	1	.	.	.	.	.	4
NORWICH	.	3	2	14	7	9	22	11	.	68
NOTTINGHAM	1	.	1	.	.	.	.	.	2	4
OAKLAND	.	.	.	.	.	.	.	.	1	1
OHIO	9	10	12	4	7	4	4	5	23	78

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
ONDERSTEPOORT	.	.	1	.	1	.	.	.	.	2
ORANIENBURG	38	49	76	35	66	17	73	88	96	538
ORIENTALIS	.	.	1	1	.	.	.	1	2	5
ORION	.	.	.	1	1	.	.	.	1	3
ORITAMERIN	.	.	.	.	1	.	.	.	.	1
OSLO	6	.	2	.	2	2	.	2	5	19
OTHMARSCHEN	.	6	5	1	3	.	.	10	2	27
OVERSCHIE	.	1	.	.	.	.	.	.	.	1
OYONNAX	.	.	.	.	.	1	.	.	.	1
PAKISTAN	.	1	.	2	.	.	.	.	.	3
PANAMA	7	28	9	18	16	4	15	26	32	155
PARATYPHI A	8	32	3	3	10	1	7	7	18	89
PARATYPHI B	7	7	13	3	13	3	11	18	39	114
PENARTH	.	.	.	.	1	.	.	.	.	1
PENSACOLA	.	.	.	.	8	2	.	.	.	10
PHOENIX	.	1	.	.	.	.	5	.	.	6
POANO	.	1	.	.	.	.	.	.	.	1
POMONA	1	9	3	1	6	.	.	1	5	26
POONA	18	31	38	18	30	17	28	62	80	322
POTSDAM	.	1	.	.	.	.	.	.	1	2

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
PRAHA	.	1	.	.	.	.	.	.	.	1
PUTTEN	.	.	.	2	.	.	.	.	.	2
QUIMBAMBA	.	.	1	.	1	.	.	.	.	2
READING	10	17	10	4	11	2	2	12	25	93
RICHMOND	.	2	1	1	.	1	.	1	1	7
RISSEN	1	3	1	1	2	.	.	1	.	9
ROMANBY	.	.	1	.	2	1	.	.	1	5
ROODEPOORT	.	.	.	.	.	.	.	.	1	1
ROSENTHAL	.	.	.	.	.	.	.	.	1	1
ROTERBERG	.	2	.	.	.	.	.	.	.	2
RUBISLAW	5	3	1	3	28	4	23	1	3	71
SAINTPAUL	45	68	36	42	115	19	26	44	127	522
SAKA	.	1	.	.	.	.	.	.	.	1
SALFORD	.	1	.	.	.	.	.	.	.	1
SALINATIS	.	.	.	.	.	.	.	.	1	1
SANDIEGO	6	40	21	5	14	9	13	15	15	138
SANJUAN	.	2	.	.	.	.	.	1	.	3
SAPHRA	.	.	.	.	1	.	12	.	1	14
SCHLEISSHEIM	.	.	.	.	.	7	.	.	.	7
SCHWARZENGRUND	6	37	12	4	16	3	7	4	21	110

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
SEEGEFELD	.	.	.	1	.	.	.	.	.	1
SENDAI	.	.	.	.	.	.	.	.	1	1
SENEGAL	.	.	.	.	.	.	.	1	.	1
SENFTENBERG	8	8	14	17	15	5	12	14	45	138
SEREMBAN	.	.	.	.	1	.	.	.	.	1
SHERBROOKE	.	.	.	.	.	1	.	.	.	1
SHUBRA	.	3	2	.	.	.	.	.	.	5
SINGAPORE	.	.	.	.	1	.	.	2	.	3
SINSTORF	.	1	.	.	1	.	.	1	.	3
SOAHANINA	.	.	.	.	.	.	.	.	1	1
SOERENGA	.	.	.	.	1	.	.	.	1	2
SOESTERBERG	.	.	.	.	1	.	.	.	.	1
SOUTHAMPTON	.	.	.	.	.	.	.	.	1	1
STACHUS	.	.	.	.	1	.	.	.	.	1
STANLEY	14	54	31	19	23	5	10	12	65	233
STANLEYVILLE	4	21	.	4	2	1	.	.	.	32
STOCKHOLM	.	.	.	.	2	.	.	.	.	2
SUAREZ	.	.	.	.	.	.	.	.	1	1
SUBSPECIES I	2	17	.	1	42	1	1	12	20	96
SUBSPECIES II	.	.	.	2	.	.	3	2	1	8

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
SUBSPECIES III	.	2	.	1	.	.	1	.	3	7
SUBSPECIES IIIA	.	1	1	.	4	2	.	5	1	14
SUBSPECIES IIIA/IIIB	.	.	.	2	19	.	1	3	.	25
SUBSPECIES IIIB	.	.	3	.	3	1	.	7	2	16
SUBSPECIES IV	4	1	1	8	1	6	.	3	.	24
SUBSPECIES VI	.	.	.	.	.	.	.	1	.	1
SUNDSVALL	.	.	.	.	.	.	.	2	2	4
TALLAHASSEE	.	1	.	.	.	2	.	.	.	3
TAMBACOUNDA	.	1	.	.	.	.	.	.	.	1
TELAVIV	1	.	.	.	.	.	.	.	.	1
TELELKEBIR	.	1	1	1	1	.	2	1	4	11
TENNESSEE	1	4	4	2	4	.	3	3	3	24
THOMASVILLE	.	1	.	.	.	.	.	1	.	2
THOMPSON	75	102	57	53	86	29	22	36	109	569
TILENE	1	.	.	.	.	.	.	1	.	2
TOKOIN	.	3	.	.	.	.	.	.	.	3
TOUCRA	.	.	.	.	.	.	1	.	.	1
TSHIONGWE	.	.	.	.	.	.	.	2	.	2
TYPHI	29	122	29	8	57	4	14	7	98	368
TYPHIMURIUM	443	1061	874	646	1117	366	443	381	855	6186

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
TYPHIMURIUM VAR COPE	83	132	23	48	274	66	.	82	191	899
UCCLE	.	.	.	.	.	2	.	.	.	2
UGANDA	1	4	8	2	13	.	7	1	15	51
UGHELLI	.	.	.	.	1	.	.	.	.	1
UMHLALI	1	.	.	.	.	.	.	.	.	1
UNKNOWN	26	32	105	33	112	91	179	43	39	660
UPPSALA	.	.	.	1	.	.	.	.	.	1
URBANA	2	11	5	2	7	.	1	1	5	34
UZARAMO	.	.	1	.	.	.	.	1	.	2
VIRCHOW	9	19	12	10	5	3	.	5	35	98
VIRGINIA	.	.	.	.	.	.	.	.	1	1
VOLKSDORF	1	.	.	.	.	.	.	.	.	1
WAGENIA	.	.	.	1	.	.	.	.	.	1
WANDSBEK	.	.	.	.	.	.	.	.	1	1
WANDSWORTH	1	2	2	.	1	1	2	1	2	12
WANGATA	.	.	.	.	2	.	.	.	.	2
WASSENAAR	.	1	1	.	.	.	.	2	1	5
WAYCROSS	.	2	.	1	1	.	.	.	.	4
WELTEVREDEN	5	3	2	4	5	.	5	3	31	58
WIEN	.	.	.	.	.	.	.	.	1	1

(Continued)

TABLE 5
SALMONELLA ISOLATIONS FROM HUMAN SOURCES
BY SEROTYPE AND GEOGRAPHIC REGIONS, 2000

	REGION									
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	TOTAL
Serotype										
WORTHINGTON	3	4	2	3	5	2	2	4	3	28
WYNBERG	.	.	.	.	1	.	.	.	1	2
ZAIMAN	.	.	.	1	.	.	.	.	.	1
TOTAL	2215	5270	3707	2516	5922	1834	3025	2496	5037	32022

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
ABERDEEN	.	.	.	.	.	.	.	2	.	.	2
ADELAIDE	.	.	1	.	.	.	.	.	.	.	1
AGO	.	.	.	.	.	.	.	.	1	.	1
AGONA	4	17	72	53	143	16	1	8	.	1	315
ALACHUA	.	2	4	.	.	1	.	.	.	.	7
ALBANY	.	2	.	2	1	.	.	.	.	.	5
AMSTERDAM	.	.	.	.	.	.	.	1	.	.	1
ANATUM	3	3	58	48	34	15	.	4	.	3	168
BARDO	.	.	.	11	4	1	.	2	.	.	18
BAREILLY	.	.	.	.	4	.	.	.	.	.	4
BEAUDESERT	.	.	.	.	.	.	.	.	2	.	2
BERE	.	.	1	.	.	.	.	.	.	.	1
BERN	.	.	.	1	.	.	.	1	.	.	2
BERTA	15	3	.	.	.	1	.	.	2	.	21
BINZA	.	2	.	1	.	.	.	.	.	.	3
BLEADON	.	.	.	.	.	.	.	.	1	.	1
BLIJDORP	.	.	.	.	.	.	.	.	1	.	1
BLOCKLEY	.	.	.	.	.	3	.	2	.	.	5
BOVISMORBIFICANS	.	.	1	7	3	.	.	1	.	.	12
BRAENDERUP	.	.	4	3	22	.	.	7	1	1	38
BRANDENBURG	1	1	28	.	.	1	.	.	.	.	31

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
BREDENEY	13	97	25	4	3	1	.	1	.	.	144
CARRAU	.	.	.	1	1	1	.	.	.	.	3
CERRO	.	1	10	65	.	2	.	1	.	.	79
CHAMELEON	.	.	.	.	.	.	.	.	1	.	1
CHOLERAESUIS VAR KUN	.	.	180	.	.	.	.	.	.	1	181
COTHAM	.	.	.	.	.	.	.	.	2	.	2
CUBANA	.	9	1	1	1	1	.	.	.	.	13
DENVER	.	.	.	1	1	.	.	.	.	.	2
DERBY	.	2	252	4	3	.	.	1	.	2	264
DRYPOOL	.	.	.	2	1	.	.	.	.	.	3
DUBLIN	.	.	.	129	.	1	.	.	.	.	130
EASTBOURNE	.	.	.	.	.	.	.	.	1	.	1
ENTERITIDIS	10	.	6	13	5	7	.	10	1	8	60
FLORIDA	.	.	.	.	.	.	.	.	1	.	1
FLUNTERN	.	.	.	.	.	.	.	.	1	.	1
GAMINARA	.	.	.	.	.	1	.	.	.	.	1
GIVE	.	1	6	12	5	2	.	2	2	.	30
GLOSTRUP	.	.	.	.	.	.	.	.	2	.	2
GROUP 52	.	.	.	.	.	.	.	.	1	.	1
GROUP 53	.	.	.	.	.	.	.	1	6	.	7
GROUP 56	.	.	.	.	.	1	.	.	3	.	4

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
GROUP 57	.	.	.	.	.	.	.	.	2	.	2
GROUP 58	.	.	.	.	.	.	.	.	4	.	4
GROUP 59	.	.	.	.	.	.	.	1	1	.	2
GROUP 60	.	.	.	.	.	.	.	1	6	1	8
GROUP 61	.	.	.	.	.	22	.	1	30	.	53
GROUP 62	.	.	1	.	.	.	.	.	.	.	1
GROUP 65	.	.	.	.	.	.	.	1	12	.	13
GROUP B	6	10	21	33	21	5	.	29	.	8	133
GROUP C1	.	1	9	2	2	.	.	4	1	.	19
GROUP D1	.	.	.	20	.	.	.	2	.	.	22
GROUP E1	.	1	3	2	.	.	.	.	.	.	6
GROUP F	.	.	.	.	.	.	.	.	3	1	4
GROUP G	.	.	.	.	.	.	.	.	1	.	1
GROUP H	.	.	.	.	.	.	.	.	4	.	4
GROUP I	.	.	.	.	2	.	.	.	4	3	9
GROUP J	.	.	.	.	3	.	.	2	4	.	9
GROUP K	.	21	2	.	.	.	.	3	4	1	31
GROUP L	.	.	.	.	.	.	.	.	1	.	1
GROUP O	.	.	.	.	.	.	.	.	3	.	3
GROUP P	.	.	.	1	.	.	.	.	16	.	17
GROUP R	.	.	.	1	.	2	.	.	1	.	4

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
GROUP S	.	.	.	.	.	.	.	2	5	.	7
GROUP T	.	.	.	.	.	.	.	.	1	.	1
GROUP U	.	.	.	1	.	1	.	.	2	.	4
GROUP V	.	.	.	.	.	.	.	.	5	.	5
GROUP X	.	.	.	.	.	.	.	1	16	.	17
GROUP Y	.	.	.	.	2	1	.	.	15	.	18
GROUP Z	.	.	.	.	.	.	.	1	16	.	17
HADAR	4	37	2	1	.	2	.	.	.	.	46
HARTFORD	.	.	3	3	4	1	.	2	.	2	15
HAVANA	.	.	9	3	.	4	.	5	1	.	22
HEIDELBERG	122	253	158	38	3	5	.	26	.	1	606
HOUTEN	.	.	.	.	.	.	.	1	.	.	1
HVITTINGFOSS	.	.	.	.	.	.	.	1	1	.	2
INDIANA	.	1	.	.	.	.	.	6	.	.	7
INFANTIS	.	3	46	15	9	10	.	3	.	3	89
INVERNESS	.	.	.	.	.	.	.	3	.	.	3
ISTANBUL	.	1	.	.	.	.	.	.	.	.	1
JAVA	1	.	.	10	12	.	.	5	2	7	37
JAVIANA	2	.	4	3	4	2	.	.	3	4	22
JOHANNESBURG	2	.	4	.	.	.	.	5	.	.	11
KEDOUGOU	.	.	1	.	.	.	.	.	.	.	1

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
KENTUCKY	20	3	2	50	11	.	.	5	.	.	91
KHAMI	.	.	.	.	.	.	.	.	1	.	1
KIAMBU	.	.	.	3	.	.	.	.	.	.	3
KINSHASA	.	.	4	2	.	.	.	.	.	.	6
KISARAWE	.	.	.	.	.	.	.	.	1	.	1
KOTTBUS	.	.	1	.	1	.	.	.	.	.	2
KRALENDYK	.	.	.	.	.	.	.	.	1	.	1
KREFELD	.	.	5	.	.	.	.	.	.	.	5
LEXINGTON	.	.	.	1	1	.	.	.	.	.	2
LILLE	.	1	.	1	3	.	.	2	.	.	7
LITCHFIELD	.	.	4	5	2	.	.	.	1	.	12
LIVINGSTONE	.	.	2	2	.	1	.	.	.	.	5
LOHBRUEGGE	.	.	.	.	.	.	.	.	3	.	3
LOME	.	.	.	.	.	.	.	.	2	.	2
LONDON	.	1	5	3	.	.	.	1	.	.	10
LOSANGELES	.	.	.	1	.	1	.	.	.	.	2
MAKOMA	.	.	.	.	.	.	.	.	1	.	1
MANHATTAN	.	.	1	1	1	.	.	1	.	.	4
MANILA	.	.	.	1	.	.	.	2	.	.	3
MARINA	.	.	.	.	.	.	.	1	4	.	5
MATADI	.	.	.	.	.	.	.	.	3	.	3

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
MBANDAKA	8	3	7	38	11	3	.	1	.	.	71
MELEAGRIDIS	.	.	3	40	16	6	.	.	.	1	66
MIAMI	.	.	.	.	.	.	.	3	1	.	4
MINNESOTA	.	5	2	5	.	.	.	.	.	.	12
MONTEVIDEO	8	20	30	99	12	9	.	11	5	2	196
MUENCHEN	.	2	8	8	15	7	.	6	3	3	52
MUENSTER	.	70	8	75	5	1	.	15	.	1	175
MUNDONOBO	.	.	.	.	.	.	.	.	3	.	3
NASHUA	.	.	.	.	.	.	.	.	1	.	1
NEWBRUNSWICK	.	.	.	13	1	1	.	.	.	.	15
NEWINGTON	.	1	.	.	43	1	.	.	1	.	46
NEWPORT	.	.	21	254	113	30	.	18	11	15	462
NIAKHAR	.	.	.	1	.	1	.	.	.	.	2
NIMA	.	.	.	.	.	.	.	.	1	.	1
NORWICH	.	.	.	.	2	.	.	.	.	.	2
OHIO	.	2	18	2	1	.	.	2	.	.	25
OHLSTEDT	.	.	.	.	.	.	.	.	1	.	1
ONDERSTEPOORT	.	.	.	.	.	.	.	.	1	.	1
ORANIENBURG	.	.	3	14	27	5	.	5	1	1	56
ORION	.	.	5	1	.	.	.	.	.	.	6
OSLO	.	.	.	.	.	.	.	1	.	.	1

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
OTHMARSCHEN	.	.	.	1	2	.	.	.	.	.	3
PANAMA	.	1	1	3	1	.	.	.	1	.	7
PARERA	.	.	.	.	.	.	.	.	1	.	1
POMONA	.	.	.	.	.	5	.	1	2	9	17
POONA	.	.	.	.	1	1	.	.	1	.	3
PORTSMOUTH	.	.	2	.	.	.	.	.	.	.	2
PULLORUM	4	.	.	.	.	.	.	.	.	.	4
PUTTEN	.	1	1	.	.	.	.	.	.	.	2
READING	.	14	2	7	.	2	1	3	.	.	29
REDLANDS	.	.	.	.	.	.	.	1	.	.	1
RISSEN	.	.	1	.	.	.	.	.	.	.	1
RUBISLAW	.	.	.	1	4	1	.	3	1	1	11
RUIRU	.	.	.	.	.	.	.	.	1	.	1
SACHSENWALD	.	.	.	.	.	.	.	.	1	.	1
SAINTPAUL	.	29	8	9	2	1	.	7	.	6	62
SANDIEGO	.	.	.	.	.	.	.	.	3	.	3
SCHWARZENGRUND	.	3	2	3	1	1	.	.	.	.	10
SENFTENBERG	3	79	12	8	4	4	.	6	.	1	117
SOMONE	.	.	.	.	.	.	.	.	1	.	1
STANLEY	.	.	.	.	.	.	.	.	2	.	2
TENNESSEE	.	3	7	2	1	1	.	3	.	.	17

(Continued)

TABLE 6
CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
THOMPSON	.	.	2	14	17	.	.	5	2	.	40
TILENE	.	.	.	.	.	1	.	.	.	.	1
TYPHIMURIUM	21	111	162	393	218	42	.	73	4	28	1052
TYPHIMURIUM VAR COPE	4	31	386	490	92	49	2	60	.	31	1145
UGANDA	.	.	9	68	11	1	.	.	.	.	89
URBANA	.	.	.	.	.	.	.	.	1	.	1
VEJLE	.	.	.	3	.	.	.	.	.	.	3
VIRCHOW	.	.	.	.	.	.	.	1	4	.	5
WANDSWORTH	.	.	.	.	.	.	.	.	1	.	1
WASSENAAR	.	.	.	.	.	.	.	.	1	.	1
WIEN	.	.	.	.	1	.	.	.	.	.	1
WORTHINGTON	2	2	165	2	1	1	.	1	.	.	174
YABA	.	.	.	1	.	.	.	.	.	.	1
YERBA	.	.	.	3	.	.	.	.	.	.	3
ZANZIBAR	.	.	.	.	.	.	.	.	1	.	1
TOTAL	253	850	1801	2119	914	286	4	387	267	146	7027

TABLE 7
NON-CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
ADELAIDE	.	1	.	.	.	.	.	.	.	4	5
AGONA	149	47	12	55	3	12	1	4	1	31	315
ALACHUA	7	3	.	.	.	.	.	.	.	3	13
ALBANY	1	2	.	.	.	.	.	.	.	3	6
AMAGER	.	2	.	.	.	.	.	.	.	.	2
AMSTERDAM	3	.	.	.	.	.	.	.	.	.	3
ANATUM	15	10	30	229	.	1	.	1	.	49	335
ARKANSAS	1	.	.	.	.	.	1	.	.	.	2
BABELSBERG	1	.	.	.	.	.	1	.	.	.	2
BARDO	1	.	1	.	.	.	.	.	.	1	3
BAREILLY	7	1	.	.	.	.	.	.	.	.	8
BARRANQUILLA	.	.	.	.	.	.	2	.	.	.	2
BERE	.	1	.	.	.	.	.	.	.	.	1
BERTA	450	63	.	.	.	.	11	1	.	20	545
BIETRI	.	.	3	.	.	.	.	.	.	1	4
BINZA	.	1	1	.	.	.	.	.	.	1	3
BOVISMORBIFICANS	.	1	.	.	.	.	.	.	.	4	5
BRAENDERUP	85	.	3	5	.	1	.	.	.	15	109
BRANDENBURG	6	5	.	.	.	.	4	.	.	24	39
BREDENEY	18	15	.	3	.	.	.	.	.	4	40
CALIFORNIA	1	.	.	.	.	.	.	.	.	.	1

(Continued)

TABLE 7
NON-CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
CAMBRIDGE	.	.	.	.	.	.	.	.	.	1	1
CARRAU	.	.	.	1	.	.	.	.	.	.	1
CERRO	61	2	3	35	.	10	1	1	.	32	145
CHAMELEON	.	.	.	.	.	.	.	.	9	.	9
CHOLERAESUIS VAR KUN	.	.	.	.	.	.	.	.	.	2	2
CUBANA	4	2	.	7	.	.	.	.	.	4	17
DERBY	6	14	101	.	.	.	.	.	.	73	194
DRYPOOL	.	1	.	15	.	.	1	.	.	1	18
DUBLIN	.	.	.	2	.	.	.	.	.	9	11
ENTERITIDIS	194	2	1	1	.	2	2	4	.	30	236
FERRUCH	.	.	.	.	.	.	.	.	.	1	1
FLORIDA	.	.	.	.	.	.	.	.	.	6	6
FRESNO	2	.	1	.	.	.	1	.	.	1	5
GAMINARA	1	.	2	.	.	.	.	1	.	2	6
GERA	.	.	.	.	.	.	1	.	.	.	1
GIVE	3	1	2	3	.	4	.	2	.	8	23
GROUP 58	.	.	.	.	.	.	.	.	1	.	1
GROUP 60	.	.	.	.	.	.	.	.	2	.	2
GROUP 61	.	.	.	.	.	.	.	.	1	.	1
GROUP 65	.	.	.	.	.	.	.	.	2	.	2
GROUP B	46	5	20	2	.	2	.	.	1	19	95

(Continued)

TABLE 7
NON-CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
GROUP C1	2	.	.	.	.	.	.	3	1	3	9
GROUP C2	1	1	.	.	.	.	.	.	.	.	2
GROUP D1	2	.	.	3	.	.	.	1	.	2	8
GROUP E1	2	2	1	2	.	.	.	.	.	2	9
GROUP E3	2	1	.	.	.	.	.	.	.	.	3
GROUP H	.	.	.	.	.	.	.	.	1	.	1
GROUP K	.	15	.	.	.	.	.	.	.	6	21
GROUP P	.	.	.	.	.	.	.	.	2	.	2
GROUP V	.	.	.	.	.	.	.	.	2	.	2
GROUP W	.	.	.	.	.	.	.	.	1	.	1
GROUP X	.	.	.	.	.	.	.	.	1	.	1
GROUP Y	.	.	.	.	.	.	.	.	1	.	1
GROUP Z	.	.	.	.	.	.	.	.	5	.	5
HADAR	12	241	.	.	.	5	1	3	.	28	290
HAGENBECK	.	.	.	.	.	.	.	.	1	.	1
HARTFORD	.	.	2	.	.	1	.	1	.	23	27
HAVANA	3	2	3	4	.	.	.	.	.	1	13
HEIDELBERG	2589	237	15	3	.	71	2	7	.	135	3059
HOUTEN	.	.	.	.	.	.	.	.	2	.	2
INDIANA	.	1	.	.	.	.	.	.	.	1	2
INFANTIS	97	2	8	4	.	2	3	1	.	39	156

(Continued)

TABLE 7
NON-CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
ISTANBUL	13	2	1	.	.	.	.	.	.	4	20
JAVA	2	.	11	1	.	1	.	1	.	9	25
JAVIANA	.	47	1	.	.	.	.	.	.	4	52
JOHANNESBURG	9	29	.	1	.	.	.	.	.	18	57
KENTUCKY	494	28	21	128	.	4	1	3	.	128	807
KIAMBU	.	2	.	.	.	.	.	.	.	.	2
KINSHASA	1	.	.	.	.	.	.	.	.	1	2
KOTTBUS	1	.	.	.	.	.	.	.	.	.	1
LEXINGTON	1	.	.	.	.	.	1	.	.	.	2
LILLE	2	.	.	.	.	.	.	.	.	.	2
LINDERN	.	.	.	.	.	.	.	.	1	.	1
LITCHFIELD	5	.	3	1	.	.	.	.	.	3	12
LIVINGSTONE	36	1	1	.	.	.	8	.	.	.	46
LOMITA	.	.	.	.	.	.	.	.	.	1	1
LONDON	1	.	.	.	.	.	.	.	.	5	6
MANHATTAN	1	.	.	.	.	.	.	.	.	5	6
MANILA	.	.	.	2	.	.	.	.	.	.	2
MBANDAKA	78	20	4	43	.	1	2	4	.	21	173
MELEAGRIDIS	2	.	.	13	.	.	.	.	.	12	27
MEMPHIS	1	.	.	.	.	.	.	.	.	.	1
MIAMI	.	.	.	.	.	.	.	.	1	.	1

(Continued)

TABLE 7
NON-CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
MIDWAY	.	.	.	.	.	.	.	.	.	1	1
MINNESOTA	.	.	.	.	.	.	.	.	.	1	1
MOLADE	1	5	1	.	.	.	1	.	.	.	8
MONTEVIDEO	57	25	4	305	.	1	9	.	4	80	485
MOREHEAD	.	1	.	.	.	.	.	.	.	.	1
MUENCHEN	4	38	3	7	.	12	.	2	.	14	80
MUENSTER	12	146	4	20	.	1	.	1	.	25	209
NEWBRUNSWICK	.	2	3	.	.	.	.	.	.	4	9
NEWHAW	1	1	.	.	.	.	.	.	.	.	2
NEWINGTON	1	.	.	13	.	.	.	.	.	3	17
NEWPORT	5	6	17	67	2	1	.	3	1	44	146
NORWICH	.	.	.	.	.	.	1	.	.	.	1
OHIO	82	19	4	2	.	.	.	.	.	8	115
ONDERSTEPOORT	.	.	.	.	.	.	.	.	13	.	13
ORANIENBURG	29	.	8	.	.	.	1	11	1	4	54
ORION	14	.	.	1	.	.	.	.	.	.	15
OTHMARSCHEN	.	.	.	1	.	.	.	.	.	.	1
OUAKAM	.	2	.	.	.	.	.	.	.	.	2
PANAMA	.	.	.	.	.	2	.	.	.	.	2
PHOENIX	.	.	.	.	.	.	.	.	1	.	1
POMONA	.	.	.	.	.	6	6	.	.	1	13

(Continued)

TABLE 7
NON-CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
PUTTEN	1	2	1	.	.	.	.	.	.	.	4
READING	2	103	.	70	.	.	.	.	.	39	214
RUBISLAW	1	.	.	.	.	2	.	.	.	.	3
RUIRU	.	.	.	.	.	.	.	.	1	.	1
SAINTPAUL	1	86	1	.	.	1	.	.	.	18	107
SANDIEGO	1	.	.	14	.	.	.	.	.	1	16
SCHWARZENGRUND	38	108	12	1	.	.	2	.	.	21	182
SENFTENBERG	127	298	.	7	.	.	1	2	.	69	504
STANLEY	.	.	.	.	.	.	.	.	3	1	4
STANLEYVILLE	11	.	.	.	.	.	.	.	.	.	11
TAKSONY	.	.	.	5	.	.	.	.	.	.	5
TENNESSEE	11	6	3	5	.	.	.	16	.	4	45
THOMASVILLE	6	.	.	.	.	.	3	.	.	.	9
THOMPSON	20	1	5	4	.	.	.	2	.	15	47
TYPHIMURIUM	155	26	42	270	32	33	.	16	4	202	780
TYPHIMURIUM VAR COPE	55	73	136	78	.	18	.	23	.	221	604
UGANDA	5	.	9	.	.	.	1	1	.	5	21
URBANA	.	.	.	.	.	.	.	.	.	1	1
VIRCHOW	.	.	.	.	.	.	.	.	2	.	2
VIRGINIA	1	.	.	.	.	.	.	.	.	.	1
WELTEVREDEN	.	.	.	.	.	.	.	.	.	1	1

(Continued)

TABLE 7
NON-CLINICAL SALMONELLA ISOLATIONS FROM NONHUMAN SOURCES
REPORTED TO CDC AND NVSL BY SEROTYPE AND SOURCE, 2000

	NONHUMAN SOURCE										
	CHICKEN	TURKEY	PORCINE	BOVINE	EQUINE	OTHER DOMESTIC ANIMALS/ ENVIRONMENT	FEED/FEED SUPPLEMENTS	OTHER BIRDS/WILD ANIMALS	REPTILES	ALL OTHER	TOTAL
SEROTYPE											
WORTHINGTON	4	11	.	.	.	.	1	.	.	6	22
TOTAL	5064	1769	504	1433	37	194	70	115	66	1589	10841

TABLE 8

PERCENT CHANGE IN SALMONELLA ISOLATIONS, TOP 20 SEROTYPES

2000 Rank	Serotype	# Isolates 1990	# Isolates 1999	# Isolates 2000	% Change 1990-2000	% Change 1999-2000
1	*S.* Typhimuriuim	8,817	8,051	7,085	-20	-12
2	*S.* Enteritidis	8,734	5,343	6,224	-29	+17
3	*S.* Newport	1,802	2,618	2,975	+65	+14
4	*S.* Heidelberg	3,955	1,816	1,661	-58	-9
5	*S.* Javiana	703	1,197	1,167	+66	-3
6	*S.* Montevideo	928	851	799	-14	-6
7	*S.* Muenchen	464	1,332	605	+30	-55
8	*S.* Infantis	753	596	577	-23	-3
9	*S.* Thompson	750	602	569	-24	-6
10	*S.* Oranienburg	501	616	538	+7	-13
11	*S.* Saintpaul	558	472	522	-7	+11
12	*S.* Braenderup	758	529	507	-33	-4
13	*S.* Java	120	314	434	+262	+39
14	*S.* Agona	980	528	382	-61	-28
15	*S.* Typhi	579	352	368	-36	+5
16	*S.* Hadar	1,837	516	330	-82	-36
17	*S.* Poona	126	249	322	+157	+29
18	*S.* Berta	487	143	295	-39	+106
19	*S.* Mississippi	175	248	285	+63	+15
20	*S.* Stanley	109	172	233	114	+36

FIGURE 1

Isolation rates per 100,000 by region: 1970-2000

S. Enteritidis

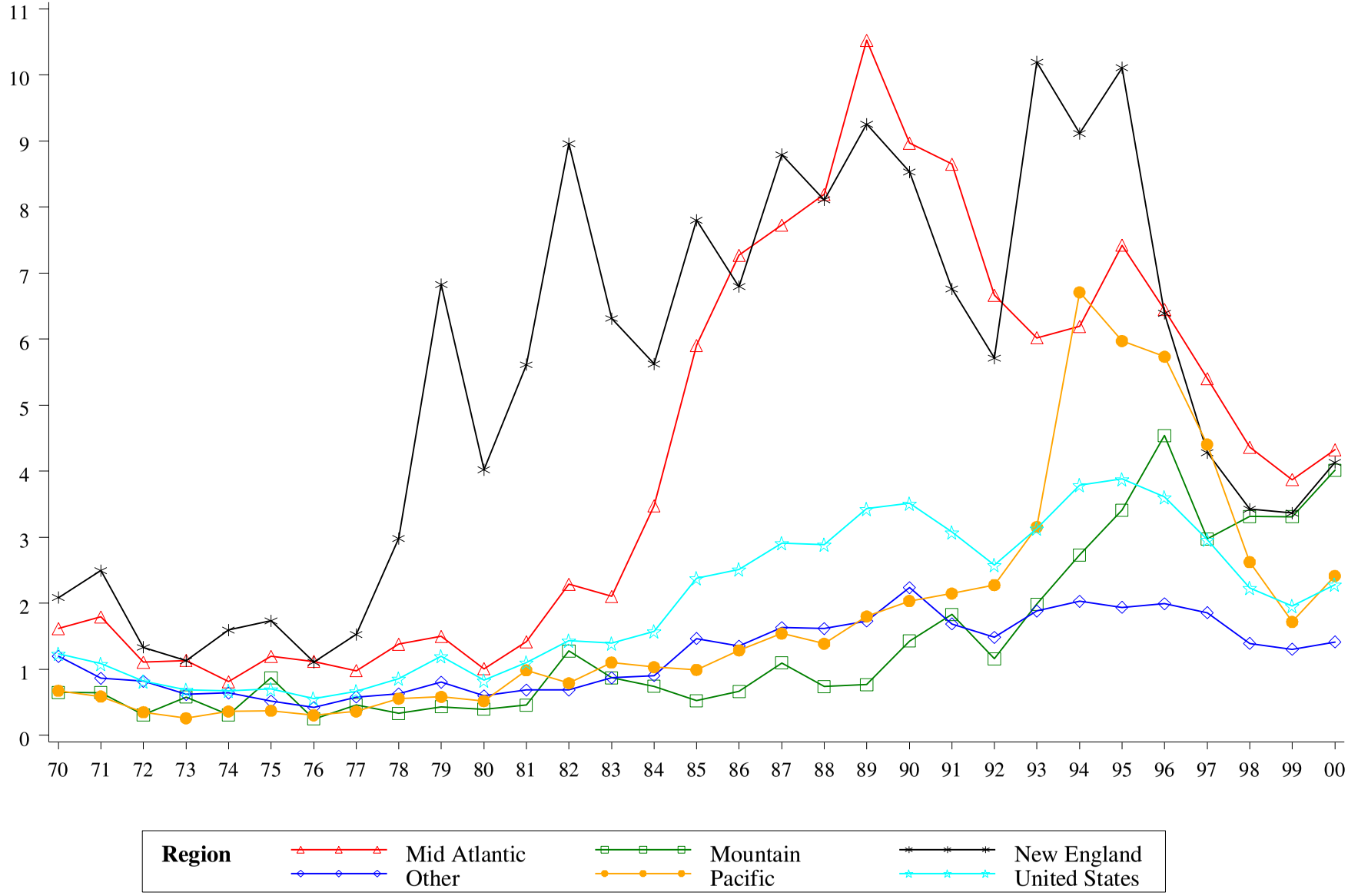
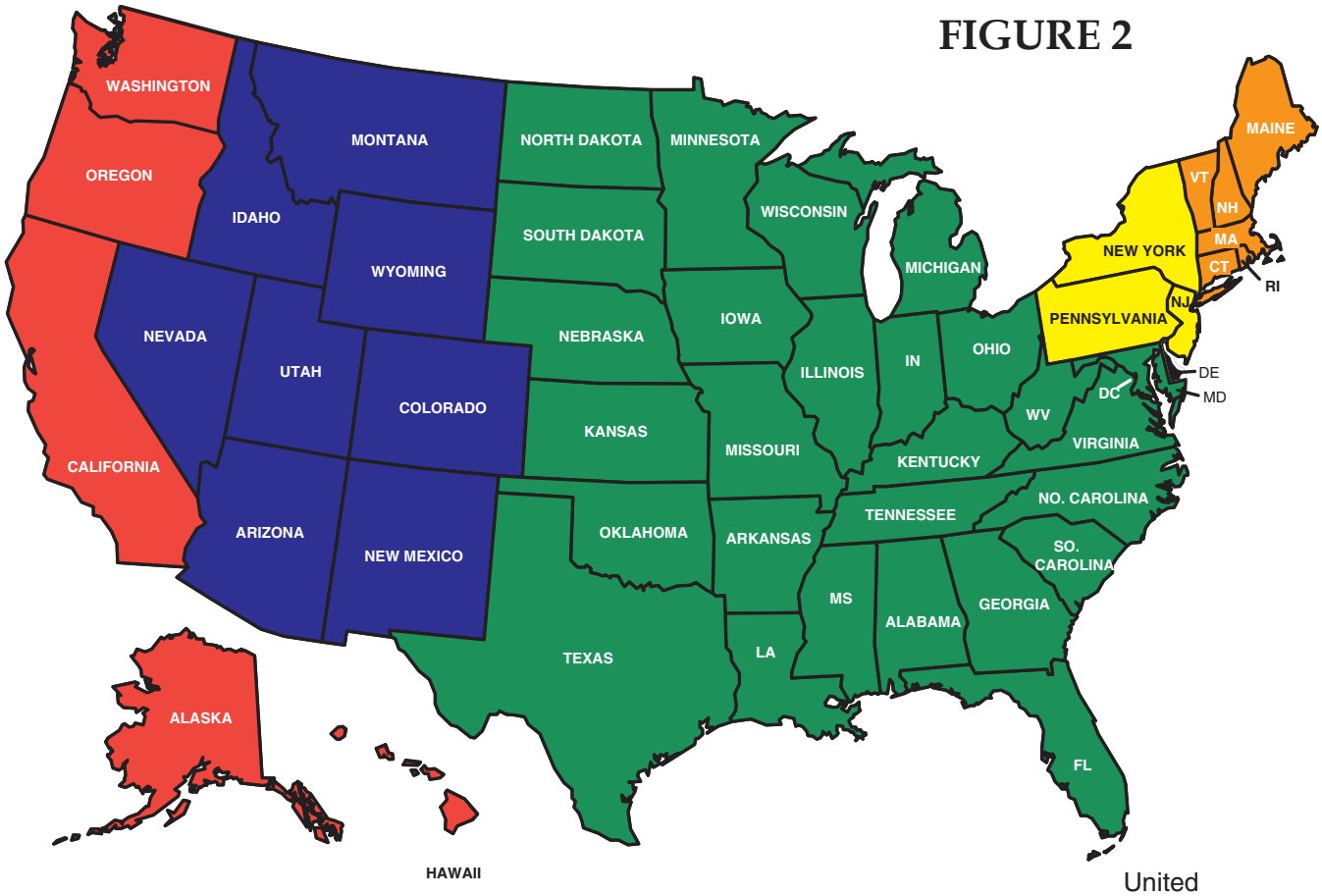


FIGURE 2



United States

Regions

New England

Connecticut
Massachusetts
Maine
New Hampshire
Rhode Island
Vermont

Mid Atlantic

New Jersey
New York
Pennsylvania

Mountain

Arizona
Colorado
Idaho
Montana
New Mexico
Nevada
Utah
Wyoming

Pacific

Alaska
California
Hawaii
Oregon
Washington

Other

Alabama
Arkansas
District of Columbia
Delaware
Florida
Georgia
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maryland
Michigan
Minnesota
Mississippi
Missouri
Nebraska
North Carolina
North Dakota
Ohio
Oklahoma
South Carolina
South Dakota
Tennessee
Texas
Virginia
West Virginia
Wisconsin