

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

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

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

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

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

(Continued)

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

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

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

(Continued)

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

(Continued)

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

(Continued)

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

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

(Continued)

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

(Continued)

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

(Continued)

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

(Continued)

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SINSTORF	2	.	.	7	.	.	9
SKANSEN	1	1
SOAHANINA	.	.	1	1
STANLEY	27	65	123	22	55	8	11	63	107		481
STANLEYVILLE	2	44	2	2	1		51
STELLINGEN	.	1	1	.		2
STENDAL	.	.	1		1
STERRENBOS	1		1
SUBSPECIES I	.	18	.	3	2	.	2	1	.		26
SUBSPECIES II	.	2	2	1	.	.	2	.	.		7
SUBSPECIES III	1		1
SUBSPECIES IIIA	.	3	.	.	14	.	.	.	3		20
SUBSPECIES IIIA/IIIB	2	.	5	2	12	4	5	7	.		37
SUBSPECIES IIIB	1	3	3	2	1	1	.	3	12		26
SUBSPECIES IV	.	9	4	6	1	4	1	2	4		31
SUBSPECIES V	.	1		1
SUBSPECIES VI	.	1		1
SUNDSVALL	.	1	2	.	.	.	12	.	2		17
SYDNEY	.	.	1		1
TAKORADI	.	.	1		1

(Continued)

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

(Continued)

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

(Continued)

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

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