

TABLE 5

***Salmonella* isolates from Human sources
by Serotype and Geographic Region, 2005**

Serotype	Region									Total
	New England	Mid Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	
Aarhus		1		1	2	1				5
Aberdeen			2					1	3	6
Abony					1			1		2
Adelaide	4	10	13	3	7	3	7	12	12	71
Aequatoria					2					2
Agama		4			4					8
Agbeni	1	1	5		1			5	2	15
Agona	28	91	67	16	41	16	13	34	61	367
Agoueve	1						1		1	3
Alabama					1	1	1			3
Alachua	3	5			4	2	2	2	3	21
Alagbon	1				2					3
Albany	4	1	3		3	1		12	14	38
Albert		1								1
Altona					1					1
Amager		1							4	5
Amsterdam								2		2
Amsterdam var. 15+		2								2
Anatum	7	43	40	18	26	6	16	18	23	197
Anatum var. 15+			1				3		2	6
Anecho				1					1	2
Anfo		1								1
Apapa		1	2	2	1				1	7
Apeyeme			1				1			2
Aqua			1			1				2
Arechavaleta		2					2			4
Assen				1						1
Augustenborg			1							1
Azteca		1								1
Baildon	1	4	22	2		4				33
Banana				1	1					2
Bardo				2	23	1			1	27
Bareilly	2	14	20	19	58	36	39	7	6	201
Barranquilla								1		1
Benin	1									1
Bere								1	1	2
Berta	9	30	59	16	30	11	8	2	44	209
Bijlmer		2								2
Birkenhead				1					1	2
Blegdam									4	4
Blockley	6	17	8	3	7	2		1	6	50
Bobo								1		1
Bonariensis									1	1
Bournemouth				2						2
Bouso		1			2					3

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Bovismorbificans	2	11	28	5	5	2	3	7	10	73
Braenderup	32	83	137	53	108	26	58	28	78	603
Brandenburg	4	12	23	9	15	7	2	10	52	134
Brazil			1			1				2
Brazzaville		1		1						2
Bredeney		1	11	2	3	1	2	2	4	26
Brezany		1								1
Brunei		1							1	2
Bsilla						1				1
Butantan		1								1
Canada							1			1
Carmel				1	3					4
Carrau			2		5			2		9
Cerro	1	1	6		4		2	3	5	22
Cerro var. 14+			2	2						4
Chailey		1							1	2
Chandans		5								5
Chester		1	1	1	1	1	2	1	7	15
Chincol					2					2
Chittagong								7		7
Choleraesuis		1		1	1			2	2	7
Choleraesuis var. Kunzendorf					1	1			4	6
Clackamas									1	1
Coeln		1			1					2
Colindale		1	1		1				1	4
Concord	3		1	1					1	6
Corvallis	1	2	1		2				7	13
Cotham			3	1	1	1		2	1	9
Cremieu						1				1
Cubana		1	1	1	1	2	1	2	4	13
Cullingworth								6		6
Curacao						1				1
Daarle					1					1
Dahra			2							2
Daytona						3			2	5
Denver		1	1					3		5
Derby	5	18	28	12	21	7	7	2	23	123
Diguel		1								1
Diourbel								1		1
Djugu						1				1
Doulassame					1					1
Dublin	3	9	7	5	3			5	23	55
Duesseldorf					1					1
Durban		1	2		1	2				6
Durham	1	1		1	5					8

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Ealing	7	9	2		1			2	6	27
Eastbourne	2	8	2	4	7	1	1	2	3	30
Echa						1				1
Edinburg	1	4	9	2	2			1	1	20
Edmonton					1					1
Emek		6					1			7
Enteritidis	475	1292	1127	453	1368	270	204	463	1078	6730
Eschweiler			1							1
Essen				1						1
Falkensee	3								1	4
Fann						1				1
Farmsen							1			1
Fayed								1		1
Florida	1	1			4					6
Fluntern		1						1	1	3
Fomeco		1								1
Freetown	3	1	1		4			1	1	11
Friedrichsfelde		1								1
Fulica						1				1
Fyris			1							1
Gallinarum								2		2
Gambia					1					1
Gaminara	4	6	7	6	22	14	23	11	6	99
Gatow					2					2
Gatuni	1									1
Georgia				1						1
Give	1	14	7	3	12	22	21	6	17	103
Glostrup		2			3	1			4	10
Goldcoast								2		2
Grumpensis	2	60	9	6	6	2		9	8	102
Guinea			1					2		3
Haardt		2							2	4
Hadar	24	40	26	13	25	9	11	16	41	205
Haifa		1			2				2	5
Hartford	15	28	53	19	91	15	8		10	239
Havana	3	2	10	1	4		2	1	3	26
Heidelberg	159	360	282	116	265	139	156	118	308	1903
Herston								2		2
Hillingdon				1						1
Hindmarsh			4		1					5
Hofit		1								1
Holcomb		1	1							2
Hull								3		3
Hvittingfoss	1	9	2	4	4	2	6	4	4	36
Ibadan		2					7			9

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Idikan									1	1
Indiana	3	5	3		1	2			3	17
Infantis	49	78	76	52	61	19	44	44	82	505
Inverness	3	1	2		27	9	2			44
Irumu					8	1				9
Isangi	1							1	2	4
Istanbul	4	1	1	1	2					9
Itami	1							6	3	10
Ituri				1						1
Jangwani		1	1					2		4
Javiana	31	76	54	36	630	217	162	79	39	1324
Jedburgh				1						1
Jericho		1								1
Johannesburg		9	9	4	14	1	3	3	1	44
Jos		2								2
Kaduna			1							1
Kalina						1				1
Kedougou		1	1					2		4
Kentucky	3	14	12	2	9	8	4	6	23	81
Kiambu		2	13	3	6		14	9	6	53
Kimberley									1	1
Kimuenza		1								1
Kingabwa	1	1	2			1		3	3	11
Kingston			1							1
Kintambo		1	1	1		1		1		5
Kisangani			1			1				2
Kisarawe		1								1
Kokomlemle		1								1
Korbol								1		1
Kottbus			2	1	3				2	8
Kotu						4				4
Krefeld				1						1
Larochelle			1			1				2
Lattenkamp									1	1
Lexington									1	1
Limete			1							1
Lindenburg			1		1		2			4
Litchfield	14	13	9	12	33	12	26	3	19	141
Liverpool	2		1			1				4
Livingstone	2				2			1	2	7
Loanda					2					2
Lockleaze					1					1
Lomalinda	1		4		4		2	4	3	18
London	5	14	4	1	3		1		2	30
Luciana					1	2		1		4

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Madelia			1		3		2			6
Madras		1								1
Malika					1					1
Malstatt		2								2
Manhattan	4	10		8	8	3	5		19	57
Mara		1								1
Matadi	1								1	2
Mbandaka	15	24	33	14	13	17	16	22	36	190
Meleagridis	1	1	1		3			2	4	12
Mendoza			1				1			2
Miami	4	4	12	7	35	12	3	1	4	82
Michigan								1		1
Mikawasima		1								1
Minnesota	1	1	13	5	16	6	4	7	2	55
Mississippi	8	4	7	9	217	174	141	1	4	565
Molade				1	1					2
Mono				13	28					41
Monschau	1	3	7		1	2				14
Montevideo	21	99	110	56	124	95	109	96	99	809
Montreal						1				1
Mountpleasant			1							1
Muenchen	32	71	67	37	207	120	81	34	84	733
Muenster	4	10	23	13	9		6	10	18	93
Muenster var. 15+			1							1
Mundonobo		1								1
Nagoya	1									1
Napoli		1		2	2				1	6
Narashino									1	1
Nessziona								1		1
Newholland					1		1			2
Newmexico		1	1					1		3
Newport	110	277	332	220	936	355	500	282	283	3295
Nima			2		1		1		4	8
Norwich		4	4	10	11	33	23	5	1	91
Nottingham			1	1				1	1	4
Offa								1		1
Ohio	4	7	6	3	15	9		7	36	87
Ohio var. 14+						1				1
Oranienburg	66	66	93	34	76	27	66	81	81	590
Oranienburg var. 14+	4					1				5
Orion				1		1				2
Oritamerin			2							2
Oslo	2		3	2	5		1	2	15	30
Othmarschen		8	5	1	4		1	1		20
Overschie	1	1			1					3

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Oyonnax		1				1				2
Panama	10	26	17	11	23	8	9	23	21	148
Paratyphi A	10	25	16	4	15	1	5	5	39	120
Paratyphi B	5	11	14	16	29	4	3	14	9	105
Paratyphi B var. L(+) tartrate+	21	59	84	38	36	57	45	40	80	460
Paratyphi C			1							1
Pensacola	1	1	1		9	1	1			14
Plymouth	2		1			1				4
Poano		1	1		2		1	1		6
Poitiers					1					1
Pomona	6	13	16	1	5	1	5	6	14	67
Poona	14	35	22	11	28	8	9	45	24	196
Potsdam		2			1				1	4
Praha	1									1
Putten	1	2	1	1		3	1			9
Reading	1	8	11	2	6	1	3	11	12	55
Richmond		3	1			1		1	2	8
Rissen			1		1				3	5
Rissen var. 14+	1									1
Riverside				1						1
Romanby				1	1	1				3
Roodepoort	1		1				1			3
Rubislaw	3	10	1	3	36	13	31	2	1	100
Ruiru				1						1
Saintpaul	37	127	103	57	122	38	17	88	94	683
Sandiego	11	28	16	9	26	6	5	28	9	138
Saphra			1				3		1	5
Schleissheim						6				6
Schwarzengrund	11	30	29	7	28	5	3	8	17	138
Schwerin						1				1
Senftenberg	5	13	16	6	20	2	2	22	26	112
Seremban		1								1
Shubra			2							2
Singapore			3						2	5
Soahanina					1					1
Soerenga		1								1
Splott					1					1
Stachus						1				1
Stanley	13	29	46	13	22	14	12	25	50	224
Stanleyville	1		2	1	1				2	7
Stockholm		1								1
Stourbridge		1								1
Suberu					1					1
Sundsvall	1	6							2	9
Tabligbo								1		1

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Tallahassee	1				5			1		7
Teitelkebir	1	3	12	3	6	4	1	9	6	45
Tennessee	3	19	28	19	16	5	5	25	12	132
Texas								1		1
Thompson	33	54	86	52	43	23	23	43	71	428
Tilene									1	1
Tokoin					1					1
Toucra							2			2
Tshiongwe					3			1		4
Tucson			3						1	4
Typhi	23	46	51	12	79	12	23	22	80	348
Typhimurium	339	909	926	523	1070	544	501	470	692	5974
Typhimurium var. 5-	94	56	134	109	190	96		169	160	1008
Uganda	6	5	11	5	4		3	7	6	47
Ughelli		2								2
Urbana	1	8	8	2	6	5	3	3	8	44
Vejle									1	1
Virchow	9	12	17	8	5	1	3	9	18	82
Virginia			1		1	3			1	6
Wandsworth	2	1								3
Wangata	1	2								3
Waycross			2					3		5
Weltevreden	3	4	12	1	10	2		11	48	91
Weltevreden var. 15+			1							1
Wernigerode				1						1
Weslaco					1			1		2
Westeinde					1					1
Worthington	3	1	6	3	3	1		2	2	21
Yaba									1	1
Zanzibar		1								1
Zega		2								2
I 4,12:l,v:-			1							1
I 4,[5],12:-:1,2								1		1
I 4,[5],12:b:-	3	16	18	1		3		1	29	71
I 4,[5],12:b:- var. L(+) tartrate+	3		1		1	1				6
I 4,[5],12:e,h:-	1								1	2
I 4,[5],12:i:-	83	87	182	99	61	108	29	43	130	822
I 4,[5],12:r:-	1								1	2
I 6,7:-:1,5		18	1		4					23
I 6,7:b:-								1		1
I 6,7:k:-							2	1		3
I 6,7:r:-		1								1
I 6,8:-:1,2						1		1		2
I 6,8:-:1,5	1									1
I 6,8:b:-					1					1

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I 9,12:l,z28:-			1			5	1			7
I 13,22:-:1,6							1			1
I 13,23:b:-			1		6	1				8
I 16:l,v:-					2					2
II 6,7:b:z42				1						1
II 9,12:g,m,s,t,e,n,x					1					1
II 9,12:g,s,t,e,n,x					1					1
II 11:g,[m],s,t:z39				1						1
II 30:l,z28:z6						1				1
II 42:b:e,n,x,z15								1		1
II 44:z4,z23:-			1							1
II 47:b:1,5	1						7			8
II 48:d:z6			1							1
II 48:z39:z81								1		1
II 50:b:z6			1							1
II 58:l,z13,z28:z6			1							1
IIIa 18:z4,z23:-								1	12	13
IIIa 21:g,z51:-			1				1			2
IIIa 35:g,z51:-								1		1
IIIa 35:z4,z23:-			1							1
IIIa 41:z4,z23:-			1	3				1	1	6
IIIa 42:z4,z24:-		1								1
IIIa 43:z29:-								1		1
IIIa 43:z4,z24:-				1						1
IIIa 48:g,z51:-						1		1	1	3
IIIa 48:z4,z24:-			1						2	3
IIIa 53:g,z51:-								1		1
IIIa 53:z4,z23:-			1						2	3
IIIa 53:z4,z24:-									1	1
IIIa 56:z4,z23:-			3							3
IIIb 11:k:z53				1						1
IIIb 38:r:z								1		1
IIIb 48:i:z			1	1				1	1	4
IIIb 48:z52:z			1							1
IIIb 50:r:z								1		1
IIIb 53:z10:z35			1							1
IIIb 60:r:e,n,x,z15								1		1
IIIb 61:-:1,5,[7]			1		1					2
IIIb 61:c:z35			2			1				3
IIIb 61:k:1,5,[7]			2							2
IIIb 61:l,[v],[z13]:1,5,[7]								1		1
IIIb 61:l,v:z									3	3
IIIb 61:z52:z53	1									1
IV 11:z4,z23:-			1							1
IV 16:z4,z23:-						1				1

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IV 16:z4,z32:-		1	2	1				1		5
IV 21:z4,z23:-	1			1						2
IV 40:z4,z32:-			1							1
IV 43:z4,z23:-				1						1
IV 43:z4,z32:-							1			1
IV 44:z4,z23:-		4	2	2		5	1	2		16
IV 44:z4,z24:-		1								1
IV 44:z4,z32:-		3	1					1		5
IV 45:g,z51:-			3	1	2				2	8
IV 48:g,z51:-		2	1			1		1		5
IV 50:g,z51:-		3	3					1		7
IV 50:z4,z23:-					5			1		6
<i>S. bongori</i> ser. 48:z35:-			2							2
Partially serotyped	17	77	80	42	1239	38	45	128	18	1684
Rough or nonmotile	4		16	3	6		1	7	2	39
Unknown	32	29	136	59	110	142	216	314	75	1113
Total	2045	4864	5153	2506	8054	2938	2858	3166	4600	36184