

TABLE 4

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

Region=New England

Serotype	State						Total
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	
Adelaide	2		2				4
Agbeni					1		1
Agona	1		15	5	3	4	28
Agouvee			1				1
Alachua	3						3
Alagbon	1						1
Albany			3	1			4
Anatum			5		2		7
Baildon			1				1
Bareilly			1		1		2
Benin			1				1
Berta	3	1	4	1			9
Blockley	2		4				6
Bovismorbificans			2				2
Braenderup	9	2	16	2	2	1	32
Brandenburg	1	1		2			4
Cerro			1				1
Concord			2			1	3
Corvallis			1				1
Derby	1		2		2		5
Dublin	1		2				3
Durham	1						1
Ealing	2		3		1	1	7
Eastbourne			2				2
Edinburg	1						1
Enteritidis	101	38	250	52	13	21	475
Falkensee					3		3
Florida			1				1
Freetown	1		1			1	3
Gaminara			3		1		4
Gatuni	1						1
Give			1				1
Grumpensis			2				2
Hadar	1	1	20		1	1	24
Hartford	2	2	6	3		2	15
Havana			2		1		3
Heidelberg	26	16	100	8	7	2	159
Hvitvingfoss			1				1
Indiana			3				3
Infantis	12	1	27	2	3	4	49
Inverness			3				3
Isangi						1	1
Istanbul			4				4
Itami				1			1

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Serotype	State						Total
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	
Javiana	4		22	3	1	1	31
Kentucky	1		2				3
Kingabwa						1	1
Litchfield	3		4	3	2	2	14
Liverpool	1		1				2
Livingstone	1				1		2
Lomalinda			1				1
London	2		2	1			5
Manhattan	2		1		1		4
Matadi			1				1
Mbandaka	3		8	3	1		15
Meleagridis			1				1
Miami	1		2		1		4
Minnesota			1				1
Mississippi	3		5				8
Monschau	1						1
Montevideo	4		10		3	4	21
Muenchen	8	1	18	1	4		32
Muenster	1		1	2			4
Nagoya			1				1
Newport	10	15	58	12	12	3	110
Ohio	4						4
Oranienburg	9		40	5	8	4	66
Oranienburg var. 14+			3	1			4
Oslo			1	1			2
Overschie			1				1
Panama	1		6	3			10
Paratyphi A	4		6				10
Paratyphi B	3			2			5
Paratyphi B var. L(+) tartrate+	2		16		3		21
Pensacola			1				1
Plymouth	1		1				2
Pomona	1		5				6
Poona	5		9				14
Praha			1				1
Putten	1						1
Reading		1					1
Rissen var. 14+			1				1
Roodepoort			1				1
Rubislaw			3				3
Saintpaul	17		13	1	4	2	37
Sandiego			10		1		11
Schwarzengrund	3		7	1			11
Senftenberg	1		3	1			5

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Region=New England

Serotype	State						Total
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	
Stanley	2		8	2		1	13
Stanleyville			1				1
Sundsvall			1				1
Tallahassee			1				1
Teitelkebir			1				1
Tennessee			2		1		3
Thompson	11	4	10	5	2	1	33
Typhi	8		14		1		23
Typhimurium	85	16	180	16	21	21	339
Typhimurium var. 5-		5	69	8	11	1	94
Uganda			5		1		6
Urbana	1						1
Virchow	3		6				9
Wandsworth			1	1			2
Wangata			1				1
Weltevreden			3				3
Worthington	2		1				3
I 4,[5],12:b:-	3						3
I 4,[5],12:b:- var. L(+) tartrate+	3						3
I 4,[5],12:e,h:-	1						1
I 4,[5],12:i:-	12		58		2	11	83
I 4,[5],12:r:-			1				1
I 6,8:-:1,5	1						1
II 47:b:1,5			1				1
IIIb 61:z52:z53			1				1
IV 21:z4,z23:-			1				1
Partially serotyped			16	1			17
Rough or nonmotile	2				2		4
Unknown	19			7	4	2	32
Total	422	104	1141	157	128	93	2045

TABLE 4

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

Region=Mid Atlantic

Serotype	States			Total
	New Jersey	New York	Pennsylvania	
Aarhus		1		1
Adelaide	3	4	3	10
Agama		4		4
Agbeni			1	1
Agona	9	45	37	91
Alachua		4	1	5
Albany			1	1
Albert		1		1
Amager		1		1
Amsterdam var. 15+			2	2
Anatum	3	31	9	43
Anfo		1		1
Apapa			1	1
Arechavaleta		2		2
Azteca		1		1
Baildon	2	2		4
Bareilly	3	3	8	14
Berta	3	20	7	30
Bijlmer			2	2
Blockley	4	11	2	17
Bouso			1	1
Bovismorbificans	5	6		11
Braenderup	17	28	38	83
Brandenburg	1	5	6	12
Brazzaville		1		1
Bredeney		1		1
Brezany		1		1
Brunei		1		1
Butantan		1		1
Cerro	1			1
Chailey	1			1
Chandans			5	5
Chester		1		1
Choleraesuis		1		1
Coeln		1		1
Colindale		1		1
Corvallis	1		1	2
Cubana		1		1
Denver	1			1
Derby	2	6	10	18
Diguel		1		1
Dublin	2	7		9
Durban		1		1
Durham		1		1

TABLE 4

***Salmonella isolates from Human sources
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Region=Mid Atlantic

Serotype	States			Total
	New Jersey	New York	Pennsylvania	
Ealing		4	5	9
Eastbourne	2	2	4	8
Edinburg		4		4
Emek			6	6
Enteritidis	130	645	517	1292
Florida	1			1
Fluntern		1		1
Fomeco			1	1
Freetown		1		1
Friedrichsfelde			1	1
Gaminara		4	2	6
Give		7	7	14
Glostrup		2		2
Grumpensis		2	58	60
Haardt		2		2
Hadar	3	31	6	40
Haifa		1		1
Hartford	1	23	4	28
Havana			2	2
Heidelberg	34	227	99	360
Hofit		1		1
Holcomb		1		1
Hvittingfoss		6	3	9
Ibadan		2		2
Indiana		5		5
Infantis	6	42	30	78
Inverness		1		1
Istanbul		1		1
Jangwani			1	1
Javiana	15	25	36	76
Jericho		1		1
Johannesburg		8	1	9
Jos		2		2
Kedougou	1			1
Kentucky	1	11	2	14
Kiambu		2		2
Kimuenza			1	1
Kingabwa		1		1
Kintambo		1		1
Kisarawe		1		1
Kokomlele		1		1
Litchfield	2	7	4	13
London		14		14
Madras			1	1

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Region=Mid Atlantic

Serotype	States			Total
	New Jersey	New York	Pennsylvania	
Malstatt	1	1		2
Manhattan	1	9		10
Mara			1	1
Mbandaka	1	21	2	24
Meleagridis		1		1
Miami	1	2	1	4
Mikawasima		1		1
Minnesota		1		1
Mississippi		3	1	4
Monschau		1	2	3
Montevideo	9	53	37	99
Muenchen	6	22	43	71
Muenster		9	1	10
Mundonobo			1	1
Napoli		1		1
Newmexico			1	1
Newport	31	144	102	277
Norwich	3	1		4
Ohio		3	4	7
Oranienburg	11	25	30	66
Othmarschen		8		8
Overschie		1		1
Oyonnax		1		1
Panama	7	17	2	26
Paratyphi A	4	17	4	25
Paratyphi B		3	8	11
Paratyphi B var. L(+) tartrate+	4	27	28	59
Pensacola	1			1
Poano		1		1
Pomona		7	6	13
Poona	7	11	17	35
Potsdam		2		2
Putten		2		2
Reading	2	6		8
Richmond	1		2	3
Rubislaw	2	6	2	10
Saintpaul	8	58	61	127
Sandiego	5	23		28
Schwarzengrund	2	23	5	30
Senftenberg	3	8	2	13
Seremban			1	1
Soerenga		1		1
Stanley	1	18	10	29
Stockholm			1	1

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Region=Mid Atlantic

Serotype	States			Total
	New Jersey	New York	Pennsylvania	
Stourbridge	1			1
Sundsvall			6	6
Telekebir	1		2	3
Tennessee		10	9	19
Thompson	2	27	25	54
Typhi	11	25	10	46
Typhimurium	65	404	440	909
Typhimurium var. 5-	42	14		56
Uganda		3	2	5
Ughelli			2	2
Urbana	1	2	5	8
Virchow	2	10		12
Wandsworth		1		1
Wangata		1	1	2
Weltevreden		3	1	4
Worthington		1		1
Zanzibar		1		1
Zega		2		2
I 4,[5],12:b:-		16		16
I 4,[5],12:i:-		87		87
I 6,7:-:1,5		18		18
I 6,7:r:-		1		1
IIIa 42:z4,z24:-		1		1
IV 16:z4,z32:-		1		1
IV 44:z4,z23:-		4		4
IV 44:z4,z24:-		1		1
IV 44:z4,z32:-		3		3
IV 48:g,z51:-			2	2
IV 50:g,z51:-		2	1	3
Partially serotyped	36	19	22	77
Unknown	1	28		29
Total	527	2508	1829	4864

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***Salmonella isolates from Human sources
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Region=East North Central

Serotype	States					Total
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
Aberdeen	1				1	2
Adelaide	8	1	2		2	13
Agbeni				5		5
Agona	25	8	8	19	7	67
Albany	1				2	3
Anatum	15	1	8	7	9	40
Anatum var. 15+			1			1
Apapa			2			2
Apeyeme				1		1
Aqua				1		1
Augustenborg				1		1
Baildon	2			17	3	22
Bareilly	4	4	2	4	6	20
Berta	14	33	11	1		59
Blockley	1	1	3	3		8
Bovismorbificans	3	5	4	11	5	28
Braenderup	36	20	17	57	7	137
Brandenburg	15	2	2	3	1	23
Brazil				1		1
Bredeney	10		1			11
Carrau	1		1			2
Cerro	4				2	6
Cerro var. 14+					2	2
Chester					1	1
Colindale				1		1
Concord			1			1
Corvallis		1				1
Cotham	2	1				3
Cubana		1				1
Dahra					2	2
Denver					1	1
Derby	15	3	4	3	3	28
Dublin	3	3	1			7
Durban			1	1		2
Ealing			1	1		2
Eastbourne	2					2
Edinburg	3			1	5	9
Enteritidis	260	130	208	312	217	1127
Eschweiler					1	1
Freetown					1	1
Fyris					1	1
Gaminara		2	3	1	1	7
Give	1			4	2	7
Grumpensis	1	3	2	1	2	9
Guinea			1			1

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Region=East North Central

Serotype	States					Total
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
Hadar	8	5	4	5	4	26
Hartford	6	12	6	22	7	53
Havana	2		4	2	2	10
Heidelberg	72	36	64	68	42	282
Hindmarsh				1	3	4
Holcomb				1		1
Hvittingfoss			1	1		2
Indiana	1		1	1		3
Infantis	28	8	6	21	13	76
Inverness		1			1	2
Istanbul					1	1
Jangwani					1	1
Javiana	9	4	6	29	6	54
Johannesburg	2	1	1	3	2	9
Kaduna					1	1
Kedougou				1		1
Kentucky	2	4	1	1	4	12
Kiambu	4		5	3	1	13
Kingabwa				1	1	2
Kingston				1		1
Kintambo				1		1
Kisangani		1				1
Kottbus	2					2
Larochelle					1	1
Limete			1			1
Lindenburg					1	1
Litchfield	1	1	1	3	3	9
Liverpool				1		1
Lomalinda	2		1	1		4
London		1	2	1		4
Madelia					1	1
Mbandaka	8	2	6	12	5	33
Meleagridis	1					1
Mendoza				1		1
Miami	2		3	6	1	12
Minnesota	6	1		2	4	13
Mississippi	1			5	1	7
Monschau		1	4	2		7
Montevideo	37	13	14	27	19	110
Mountpleasant			1			1
Muenchen	28	7	6	17	9	67
Muenster	8	3	3	2	7	23
Muenster var. 15+				1		1
Newmexico		1				1
Newport	55	54	44	85	94	332

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Region=East North Central

Serotype	States					Total
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
Nima				2		2
Norwich			1		3	4
Nottingham			1			1
Ohio		1	1		4	6
Oranienburg	21	16	27	26	3	93
Oritamerin					2	2
Oslo	1			1	1	3
Othmarschen					5	5
Panama	9	5		1	2	17
Paratyphi A	9		6	1		16
Paratyphi B	3		10	1		14
Paratyphi B var. L(+) tartrate+	8	19		43	14	84
Paratyphi C	1					1
Pensacola	1					1
Plymouth		1				1
Poano			1			1
Pomona	6	1	2	6	1	16
Poona	6	3	5	6	2	22
Putten	1					1
Reading	4		2	3	2	11
Richmond	1					1
Rissen					1	1
Roodepoort				1		1
Rubislaw	1					1
Saintpaul	24	5	21	31	22	103
Sandiego	3	1	2	7	3	16
Saphra	1					1
Schwarzengrund	12	2	12	2	1	29
Senftenberg	6	2	2	3	3	16
Shubra	1			1		2
Singapore		1		2		3
Stanley	15	6	13	4	8	46
Stanleyville	2					2
Teitelkebir	1	3	1	7		12
Tennessee	2	6	5	11	4	28
Thompson	33	14	12	18	9	86
Tucson				3		3
Typhi	33	4	8	2	4	51
Typhimurium	309	95	186	215	121	926
Typhimurium var. 5-		31		45	58	134
Uganda	4	1	3	1	2	11
Urbana	2	1	2	1	2	8
Virchow	5		7	2	3	17
Virginia	1					1
Waycross				2		2

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Region=East North Central

Serotype	States					Total
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
Weltevreden	4		5	2	1	12
Weltevreden var. 15+		1				1
Worthington	1	4			1	6
I 4,12:l,v:-				1		1
I 4,[5],12:b:-	15			1	2	18
I 4,[5],12:b:- var. L(+) tartrate+					1	1
I 4,[5],12:i:-	43	34		60	45	182
I 6,7:-:1,5	1					1
I 9,12:l,z28:-				1		1
I 13,23:b:-		1				1
II 44:z4,z23:-				1		1
II 48:d:z6					1	1
II 50:b:z6		1				1
II 58:l,z13,z28:z6					1	1
IIIa 21:g,z51:-				1		1
IIIa 35:z4,z23:-				1		1
IIIa 41:z4,z23:-	1					1
IIIa 48:z4,z24:-		1				1
IIIa 53:z4,z23:-				1		1
IIIa 56:z4,z23:-	3					3
IIIb 48:i:z	1					1
IIIb 48:z52:z		1				1
IIIb 53:z10:z35		1				1
IIIb 61:-:1,5,[7]				1		1
IIIb 61:c:z35				2		2
IIIb 61:k:1,5,[7]				1	1	2
IV 11:z4,z23:-		1				1
IV 16:z4,z32:-			1	1		2
IV 40:z4,z32:-				1		1
IV 44:z4,z23:-		1		1		2
IV 44:z4,z32:-				1		1
IV 45:g,z51:-		1		2		3
IV 48:g,z51:-				1		1
IV 50:g,z51:-	1	1		1		3
bongori ser. 48:z35:-			2			2
Partially serotyped	1		55	17	7	80
Rough or nonmotile	11			4	1	16
Unknown	19		67	34	16	136
Total	1339	641	929	1368	876	5153

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**Salmonella isolates from Human sources
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Region=West North Central

Serotype	States							Total
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	
Aarhus							1	1
Adelaide			2	1				3
Agona	3	1	4	8				16
Anatum		1	8	5	3		1	18
Anecho			1					1
Apapa		1	1					2
Assen		1						1
Baildon	1			1				2
Banana					1			1
Bardo		1	1					2
Bareilly		1	1	17				19
Berta	3	1	1	11				16
Birkenhead			1					1
Blockley		1	1	1				3
Bournemouth				2				2
Bovismorbificans	4				1			5
Braenderup	7	8	16	15	1		6	53
Brandenburg	1		4	1		1	2	9
Brazzaville			1					1
Bredeney	1						1	2
Carmel				1				1
Cerro var. 14+			1				1	2
Chester				1				1
Choleraesuis				1				1
Concord			1					1
Cotham				1				1
Cubana					1			1
Derby		1	3	2	3		3	12
Dublin	1		2	2				5
Durham			1					1
Eastbourne		1	1	2				4
Edinburg				1			1	2
Enteritidis	96	33	130	137	20	9	28	453
Essen			1					1
Gaminara	2		3	1				6
Georgia				1				1
Give			1	2				3
Grumpensis	1		1	4				6
Hadar	1		6	3	2		1	13
Hartford	4	2	6	7				19
Havana			1					1
Heidelberg	14	13	27	45	8	1	8	116
Hillingdon						1		1
Hvittingfoss	1			1		1	1	4

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**Salmonella isolates from Human sources
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Region=West North Central

Serotype	States							Total
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	
Infantis	8	6	12	9	5	1	11	52
Istanbul			1					1
Ituri			1					1
Javiana	6	1	5	20	2		2	36
Jedburgh							1	1
Johannesburg	3				1			4
Kentucky	1			1				2
Kiambu		1	1	1				3
Kintambo				1				1
Kottbus			1					1
Krefeld			1					1
Litchfield	1	2		5	1		3	12
London							1	1
Manhattan			6	2				8
Mbandaka	2		3	9				14
Miami	5	1		1				7
Minnesota		1		3	1			5
Mississippi			3	6				9
Molade	1							1
Mono	13							13
Montevideo	10	9	16	12	1		8	56
Muenchen	6	3	9	15	2		2	37
Muenster	8		2	3				13
Napoli	1		1					2
Newport	27	26	50	87	14	4	12	220
Norwich		3		7				10
Nottingham							1	1
Ohio			2	1				3
Oranienburg	3	2	10	7	7		5	34
Orion				1				1
Oslo			2					2
Othmarschen				1				1
Panama		1	2	6	2			11
Paratyphi A		1		3				4
Paratyphi B	8		1	1			6	16
Paratyphi B var. L(+) tartrate+		5	8	21	4			38
Pomona				1				1
Poona	3	2	2	3			1	11
Putten				1				1
Reading	1			1				2
Riverside					1			1
Romanby							1	1
Rubislaw	1		1	1				3
Ruiru			1					1

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Region=West North Central

Serotype	States							Total
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	
Saintpaul	7	4	16	22	4	4		57
Sandiego			2	5	2			9
Schwarzengrund			4	2	1			7
Senftenberg	1	1	4					6
Stanley	5		3	2		1	2	13
Stanleyville				1				1
Teitelkebir				3				3
Tennessee		3	3	12	1			19
Thompson	11	4	8	27			2	52
Typhi	5		6	1				12
Typhimurium	34	49	86	247	37	14	56	523
Typhimurium var. 5-	42	18	37		12			109
Uganda			1		4			5
Urbana			2					2
Virchow	1	1	3	2	1			8
Weltevreden			1					1
Wernigerode	1							1
Worthington			1	1	1			3
I 4,[5],12:b:-				1				1
I 4,[5],12:i:-			25	74				99
II 6,7:b:z42				1				1
II 11:g,[m],s,t:z39			1					1
IIIa 41:z4,z23:-			3					3
IIIa 43:z4,z24:-		1						1
IIIb 11:k:z53							1	1
IIIb 48:i:z			1					1
IV 16:z4,z32:-				1				1
IV 21:z4,z23:-						1		1
IV 43:z4,z23:-			1					1
IV 44:z4,z23:-				2				2
IV 45:g,z51:-	1							1
Partially serotyped	4	21	9	6			2	42
Rough or nonmotile			2	1				3
Unknown	18		6	1	33	1		59
Total	378	232	593	916	177	39	171	2506

TABLE 4

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

Region=South Atlantic

Serotype	States									Total
	Delaware	District of Columbia	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	
Aarhus				1			1			2
Abony									1	1
Adelaide				3		3		1		7
Aequatoria				2						2
Agama				4						4
Agbeni					1					1
Agona	2		1	16	7	7		7	1	41
Alabama								1		1
Alachua			1	2				1		4
Alagbon							2			2
Albany								3		3
Altona								1		1
Anatum			1	8	6	4	5	2		26
Apapa					1					1
Banana				1						1
Bardo					22			1		23
Bareilly				13	3	21	4	16	1	58
Berta				2	8	8		12		30
Blockley			2	1		3	1			7
Bousso				2						2
Bovismorbificans				2		1	1	1		5
Braenderup			5	47	13	17	6	16	4	108
Brandenburg	1		1	5	2	2	2	1	1	15
Bredeney				1	1		1			3
Carmel								3		3
Carrau				1		3		1		5
Cerro			2	2						4
Chester						1				1
Chincol				2						2
Choleraesuis						1				1
Choleraesuis var. Kunzendorf				1						1
Coeln								1		1
Colindale								1		1
Corvallis				2						2
Cotham					1					1
Cubana								1		1
Daarle				1						1
Derby			1	7	2	4		5	2	21
Doulassame				1						1
Dublin			2	1						3
Duesseldorf						1				1
Durban								1		1
Durham				3	2					5

TABLE 4

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

Region=South Atlantic

Serotype	States									Total
	Delaware	District of Columbia	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	
Ealing	1									1
Eastbourne				2	1			4		7
Edinburg								2		2
Edmonton									1	1
Enteritidis	22		14	190	294	277	297	239	35	1368
Florida							4			4
Freetown				3				1		4
Gambia							1			1
Gaminara				5	2	3	7	5		22
Gatow							1		1	2
Give					1	6	3	2		12
Glostrup			1					2		3
Grumpensis				3			1		2	6
Hadar				7	4	4	4	5	1	25
Haifa								2		2
Hartford			2	13	17	13	8	37	1	91
Havana				2	1			1		4
Heidelberg	5		4	127	25	41	12	46	5	265
Hindmarsh							1			1
Hvittingfoss					3			1		4
Indiana						1				1
Infantis	1			18	5	13	10	14		61
Inverness				11	1	14		1		27
Irumu						8				8
Istanbul								2		2
Javiana	8		10	260	33	148	136	30	5	630
Johannesburg				11	2	1				14
Kentucky					2	4		3		9
Kiambu	2				2		1	1		6
Kottbus				1	1				1	3
Lindenburg									1	1
Litchfield			2	5	3	12	3	7	1	33
Livingstone	1			1						2
Loanda						2				2
Lockleaze					1					1
Lomalinda	1			2				1		4
London				1		1		1		3
Luciana							1			1
Madelia							3			3
Malika							1			1
Manhattan	1				1	4	2			8
Mbandaka				3	1	1	2	2	4	13
Meleagridis				2	1					3

TABLE 4

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

Region=South Atlantic

Serotype	States									Total
	Delaware	District of Columbia	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	
Miami			1	22	1	7	1	3		35
Minnesota	1			6		3	2	3	1	16
Mississippi				135	2	50	30			217
Molade								1		1
Mono				28						28
Monschau								1		1
Montevideo	1		3	42	15	19	21	12	11	124
Muenchen	2		4	100	1	41	46	10	3	207
Muenster				3	2	1		3		9
Napoli				2						2
Newholland							1			1
Newport	18		16	326	71	250	130	106	19	936
Nima								1		1
Norwich				4	5			2		11
Ohio				3	2	2	4	4		15
Oranienburg			2	12	7	31	11	13		76
Oslo				3	1				1	5
Othmarschen							1		3	4
Overschie					1					1
Panama	1			3	13	2		4		23
Paratyphi A				4	3	1		7		15
Paratyphi B	1			13	2		3	9	1	29
Paratyphi B var. L(+) tartrate+			3	4	5	19	1	1	3	36
Pensacola				3		2	1	3		9
Poano							1	1		2
Poitiers				1						1
Pomona			1	3				1		5
Poona			1	9	7		1	8	2	28
Potsdam						1				1
Reading			1		3		1	1		6
Rissen					1					1
Romanby				1						1
Rubislaw			3	16	3	6	7	1		36
Saintpaul	4		4	41	9	20	14	27	3	122
Sandiego	1		5	5	7	1	2	4	1	26
Schwarzengrund	1			14	3	3	3	4		28
Senftenberg	1		11	1		3	1	3		20
Soahanina				1						1
Splott							1			1
Stanley	2		2	1	4	5	3	2	3	22
Stanleyville					1					1
Suberu			1							1
Tallahassee			2		1				2	5

TABLE 4

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

Region=South Atlantic

Serotype	States									Total
	Delaware	District of Columbia	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	
Teitelkebir				2	1			3		6
Tennessee				5	4	3	1	2	1	16
Thompson	3			9	3	9	6	9	4	43
Tokoin								1		1
Tshiongwe									3	3
Typhi	2		11	10	31	6		19		79
Typhimurium	17		21	182	101	286	125	289	49	1070
Typhimurium var. 5-			3	136	51					190
Uganda				2				2		4
Urbana				4	1	1				6
Virchow	1				3			1		5
Virginia					1					1
Weltevreden			1	3				4	2	10
Weslaco				1						1
Westeinde									1	1
Worthington				1		1	1			3
I 4,[5],12:b:- var. L(+) tartrate+	1									1
I 4,[5],12:i:-	4		2	11	42				2	61
I 6,7:-:1,5					4					4
I 6,8:b:-					1					1
I 13,23:b:-					6					6
I 16:l,v:-					2					2
II 9,12:g,m,s,t,e,n,x									1	1
II 9,12:g,s,t,e,n,x									1	1
IIIb 61:-:1,5,[7]					1					1
IV 45:g,z51:-					2					2
IV 50:z4,z23:-			5							5
Partially serotyped		10	1006	82	1	12	2	109	17	1239
Rough or nonmotile					6					6
Unknown			16	4	2	38	50			110
Total	106	10	1174	2056	903	1452	992	1159	202	8054

TABLE 4

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

Region=East South Central

Serotype	States				Total
	Alabama	Kentucky	Mississippi	Tennessee	
Aarhus			1		1
Adelaide	1	1		1	3
Agona	5	4		7	16
Alabama	1				1
Alachua		1	1		2
Albany		1			1
Anatum	1	1	1	3	6
Aqua				1	1
Baildon	2		1	1	4
Bardo		1			1
Bareilly	7	8	2	19	36
Berta		2	2	7	11
Blockley	1	1			2
Bovismorbificans		2			2
Braenderup	12	7	2	5	26
Brandenburg	3		1	3	7
Brazil	1				1
Bredeney	1				1
Bsilla	1				1
Chester				1	1
Choleraesuis var. Kunzendorf		1			1
Cotham	1				1
Cremieu			1		1
Cubana		1		1	2
Curacao				1	1
Daytona		2	1		3
Derby	1	2	1	3	7
Djugu			1		1
Durban		1		1	2
Eastbourne		1			1
Echa			1		1
Enteritidis	70	67	33	100	270
Fann				1	1
Fulica			1		1
Gaminara	4		8	2	14
Give	7	4	10	1	22
Glostrup			1		1
Grumpensis				2	2
Hadar	3	3	1	2	9
Hartford	4	7		4	15
Heidelberg	60	27	13	39	139
Hvittingfoss	1	1			2
Indiana		2			2
Infantis	4	5	3	7	19
Inverness	7		2		9

TABLE 4

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

Region=East South Central

Serotype	States				Total
	Alabama	Kentucky	Mississippi	Tennessee	
Irumu			1		1
Javiana	81	16	97	23	217
Johannesburg				1	1
Kalina			1		1
Kentucky	2	3		3	8
Kingabwa				1	1
Kintambo			1		1
Kisangani			1		1
Kotu			4		4
Larochelle		1			1
Litchfield	9	1	1	1	12
Liverpool			1		1
Luciana	2				2
Manhattan		2		1	3
Mbandaka	2	2		13	17
Miami	10	2			12
Minnesota		3		3	6
Mississippi	60	1	96	17	174
Monschau		1		1	2
Montevideo	33	14	24	24	95
Montreal			1		1
Muenchen	53	9	46	12	120
Newport	108	62	123	62	355
Norwich	1	2	12	18	33
Ohio	2	7			9
Ohio var. 14+				1	1
Oranienburg	7	7	5	8	27
Oranienburg var. 14+				1	1
Orion	1				1
Oyonnax			1		1
Panama	2	3		3	8
Paratyphi A				1	1
Paratyphi B	2			2	4
Paratyphi B var. L(+) tartrate+	9	11	18	19	57
Pensacola				1	1
Plymouth	1				1
Pomona				1	1
Poona	4	2	1	1	8
Putten		3			3
Reading				1	1
Richmond				1	1
Romanby		1			1
Rubislaw	2	2	9		13
Saintpaul	17	10	2	9	38
Sandiego	1	2	2	1	6

TABLE 4

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

Region=East South Central

Serotype	States				Total
	Alabama	Kentucky	Mississippi	Tennessee	
Schleissheim	2	4			6
Schwarzengrund	3			2	5
Schwerin		1			1
Senftenberg				2	2
Stachus			1		1
Stanley	5	5	2	2	14
Telekebir		1		3	4
Tennessee	1	1		3	5
Thompson	3	9	4	7	23
Typhi	2	6	2	2	12
Typhimurium	195	139	109	101	544
Typhimurium var. 5-		15	36	45	96
Urbana	3	1		1	5
Virchow		1			1
Virginia			1	2	3
Weltevreden	2				2
Worthington	1				1
I 4,[5],12:b:-				3	3
I 4,[5],12:b:- var. L(+) tartrate+				1	1
I 4,[5],12:i:-	51		5	52	108
I 6,8:-:1,2	1				1
I 9,12:l,z28:-	5				5
I 13,23:b:-	1				1
II 30:l,z28:z6				1	1
IIIa 48:g,z51:-			1		1
IIIb 61:c,z35				1	1
IV 16:z4,z23:-		1			1
IV 44:z4,z23:-		2		3	5
IV 48:g,z51:-			1		1
Partially serotyped	6	3	11	18	38
Unknown	8	7	6	121	142
Total	896	516	714	812	2938

TABLE 4

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

Region=West South Central

Serotype	States				Total
	Arkansas	Louisiana	Oklahoma	Texas	
Adelaide		2	1	4	7
Agona		3		10	13
Agoueve			1		1
Alabama	1				1
Alachua		1	1		2
Anatum	3	6	2	5	16
Anatum var. 15+				3	3
Apeyeme			1		1
Arechavaleta			2		2
Bareilly	23	8	2	6	39
Berta		4	2	2	8
Bovismorbificans				3	3
Braenderup	1	24	15	18	58
Brandenburg				2	2
Bredeney	1			1	2
Canada				1	1
Cerro		1		1	2
Chester		1	1		2
Cubana				1	1
Derby		1	1	5	7
Eastbourne			1		1
Emek			1		1
Enteritidis	76	34	39	55	204
Farmsen				1	1
Gaminara	1	15		7	23
Give		14		7	21
Hadar		5	1	5	11
Hartford	1	2	1	4	8
Havana				2	2
Heidelberg	21	28	7	100	156
Hvittingfoss		6			6
Ibadan				7	7
Infantis	3	3	6	32	44
Inverness		2			2
Javiana	39	74	11	38	162
Johannesburg	2			1	3
Kentucky				4	4
Kiambu	1	1	8	4	14
Lindenburg	2				2
Litchfield	3	4	12	7	26
Lomalinda		2			2
London				1	1
Madelia			1	1	2
Manhattan				5	5
Mbandaka	8		2	6	16

TABLE 4

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

Region=West South Central

Serotype	States				Total
	Arkansas	Louisiana	Oklahoma	Texas	
Mendoza			1		1
Miami	1	2			3
Minnesota	1			3	4
Mississippi	15	92	1	33	141
Montevideo	4	58	4	43	109
Muenchen	3	47	8	23	81
Muenster	1		1	4	6
Newholland			1		1
Newport	117	195	73	115	500
Nima	1				1
Norwich	7	3	4	9	23
Oranienburg	6	13	7	40	66
Oslo				1	1
Othmarschen	1				1
Panama		2	1	6	9
Paratyphi A				5	5
Paratyphi B		2		1	3
Paratyphi B var. L(+) tartrate+	4	5	18	18	45
Pensacola		1			1
Poano			1		1
Pomona		1		4	5
Poona	1		1	7	9
Putten	1				1
Reading		1		2	3
Roodepoort				1	1
Rubislaw	6	15	1	9	31
Saintpaul	2	3	1	11	17
Sandiego		2	1	2	5
Saphra		3			3
Schwarzengrund	2	1			3
Senftenberg		2			2
Stanley	1	2	1	8	12
Telelkebir				1	1
Tennessee		1	1	3	5
Thompson	1	13	4	5	23
Toucra			2		2
Typhi	1	1	2	19	23
Typhimurium	114	107	80	200	501
Uganda		1		2	3
Urbana		2		1	3
Virchow			3		3
I 4,[5],12:i:-		19		10	29
I 6,7:k:-		2			2
I 9,12:l,z28:-		1			1
I 13,22:-:1,6	1				1

TABLE 4***Salmonella isolates from Human sources
by Serotype, Geographic Region and State, 2005***

Region=West South Central

Serotype	States				Total
	Arkansas	Louisiana	Oklahoma	Texas	
II 47:b:1,5				7	7
IIIa 21:g,z51:-			1		1
IV 43:z4,z32:-				1	1
IV 44:z4,z23:-				1	1
Partially serotyped	5	7	33		45
Rough or nonmotile		1			1
Unknown	160	7		49	216
Total	642	853	370	993	2858

TABLE 4

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

Region=Mountain

Serotype	States								Total
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming	
Aberdeen	1								1
Abony	1								1
Adelaide	1	6			2	1	2		12
Agbeni		1			4				5
Agona	18	4	3		1	4	4		34
Alachua	1	1							2
Albany	3	9							12
Amsterdam		2							2
Anatum	2	9			3	2	2		18
Bareilly		4	1				2		7
Barranquilla					1				1
Bere					1				1
Berta					1		1		2
Blockley							1		1
Bobo								1	1
Bovismorbificans	2	3	1				1		7
Braenderup	5	11	3	1	2	1	5		28
Brandenburg	5				1	2	2		10
Bredeney		1				1			2
Carrau	1					1			2
Cerro	1				1		1		3
Chester							1		1
Chittagong		7							7
Choleraesuis		1				1			2
Cotham	1				1				2
Cubana	2								2
Cullingworth		6							6
Denver	1					2			3
Derby	1				1				2
Diourbel		1							1
Dublin	1		3				1		5
Ealing		2							2
Eastbourne		2							2
Edinburg			1						1
Enteritidis	85	159	29	33	35	16	89	17	463
Fayed	1								1
Fluntern	1								1
Freetown								1	1
Gallinarum	2								2
Gaminara	2	6			1	1	1		11
Give	3	2				1			6
Goldcoast		2							2
Grumpensis	1	2					6		9
Guinea	1	1							2

TABLE 4

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

Region=Mountain

Serotype	States								Total
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming	
Hadar	2	1	5	2	2	2		2	16
Havana	1								1
Heidelberg	25	44	9	1	10	6	19	4	118
Herston		2							2
Hull	3								3
Hvittingfoss		4							4
Infantis	3	19	2		6	3	11		44
Isangi							1		1
Itami							6		6
Jangwani		2							2
Javiana	27	24	3		3	20	1	1	79
Johannesburg	3								3
Kedougou		2							2
Kentucky	2	4							6
Kiambu	2	4				1	2		9
Kingabwa	2		1						3
Kintambo		1							1
Korbol	1								1
Litchfield						2	1		3
Livingstone	1								1
Lomalinda	2	1				1			4
Luciana	1								1
Mbandaka	2	7	1			12			22
Meleagridis	1						1		2
Miami							1		1
Michigan	1								1
Minnesota	2						5		7
Mississippi		1							1
Montevideo	31	36	2	1	9	13	4		96
Muenchen	8	14	1			7	2	2	34
Muenster	1	5	3			1			10
Nessziona		1							1
Newmexico						1			1
Newport	62	121	10		8	21	56	4	282
Norwich	1				1	3			5
Nottingham	1								1
Offa					1				1
Ohio	1	3	2				1		7
Oranienburg	49	15	2	1	1	3	7	3	81
Oslo					1		1		2
Othmarschen	1								1
Panama	4	15				2	2		23
Paratyphi A	2		1		2				5
Paratyphi B	3	1			7	3			14

TABLE 4

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

Region=Mountain

Serotype	States								Total
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming	
Paratyphi B var. L(+) tartrate+	3	21	7		1		6	2	40
Poano		1							1
Pomona	2	2					2		6
Poona	23	6	2		3	7	2	2	45
Reading	2	7			1	1			11
Richmond	1								1
Rubislaw	1		1						2
Saintpaul	29	34	4		8	5	8		88
Sandiego	9	14			2	3			28
Schwarzengrund	5	2					1		8
Senftenberg	7	8			3	4			22
Stanley	11	9	1		2	2			25
Tabligbo			1						1
Tallahassee					1				1
Telelkebir		6					3		9
Tennessee	3	17			1	1	1	2	25
Texas	1								1
Thompson	10	23	2		2	2	2	2	43
Tshiongwe		1							1
Typhi	3	15		1	1	1	1		22
Typhimurium	88	224	27	2	34	36	52	7	470
Typhimurium var. 5-	36	104	18		1	7		3	169
Uganda		2			3	1		1	7
Urbana		1				1	1		3
Virchow		9							9
Waycross	1	2							3
Weltevreden	2	4	1		1	3			11
Weslaco							1		1
Worthington	1				1				2
I 4,[5],12:-:1,2		1							1
I 4,[5],12:b:-					1				1
I 4,[5],12:i:-	31		2		3	3	1	3	43
I 6,7:b:-							1		1
I 6,7:k:-		1							1
I 6,8:-:1,2							1		1
II 42:b:e,n,x,z15	1								1
II 48:z39:z81	1								1
IIIa 18:z4,z23:-							1		1
IIIa 35:g,z51:-	1								1
IIIa 41:z4,z23:-					1				1
IIIa 43:z29:-	1								1
IIIa 48:g,z51:-								1	1
IIIa 53:g,z51:-							1		1
IIIb 38:r:z							1		1

TABLE 4

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

Region=Mountain

Serotype	States								Total
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming	
IIIb 48:i:z	1								1
IIIb 50:r:z	1								1
IIIb 60:r:e,n,x,z15	1								1
IIIb 61:l,[v],[z13]:1,5,[7]					1				1
IV 16:z4,z32:-	1								1
IV 44:z4,z23:-	1				1				2
IV 44:z4,z32:-							1		1
IV 48:g,z51:-							1		1
IV 50:g,z51:-	1								1
IV 50:z4,z23:-							1		1
Partially serotyped	15	16	1	67	9	18	2		128
Rough or nonmotile	2		1		1		3		7
Unknown	1	287			23	3			314
Total	685	1386	151	109	211	232	334	58	3166

TABLE 4

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

Region=Pacific

Serotype	States					Total
	Alaska	California	Hawaii	Oregon	Washington	
Aberdeen		3				3
Adelaide		11			1	12
Agbeni		2				2
Agona	5	44	2	6	4	61
Agoueve		1				1
Alachua		3				3
Albany		10	1	1	2	14
Amager		1	1		2	4
Anatum		19	1	1	2	23
Anatum var. 15+		2				2
Anecho				1		1
Apapa		1				1
Bardo		1				1
Bareilly		6				6
Bere		1				1
Berta		43	1			44
Birkenhead			1			1
Blegdam		4				4
Blockley		3	1		2	6
Bonariensis		1				1
Bovismorbificans		7	1	1	1	10
Braenderup		68	6	1	3	78
Brandenburg		43	3		6	52
Bredeney		3	1			4
Brunei		1				1
Cerro		4		1		5
Chailey			1			1
Chester		5		1	1	7
Choleraesuis		1		1		2
Choleraesuis var. Kunzendorf		4				4
Clackamas				1		1
Colindale		1				1
Concord		1				1
Corvallis		2	2	2	1	7
Cotham		1				1
Cubana		3		1		4
Daytona					2	2
Derby	1	17	1		4	23
Dublin		17		3	3	23
Ealing		4		2		6
Eastbourne		2		1		3
Edinburg		1				1
Enteritidis	7	886	22	75	88	1078
Falkensee		1				1
Fluntern					1	1

TABLE 4

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

Region=Pacific

Serotype	States					Total
	Alaska	California	Hawaii	Oregon	Washington	
Freetown		1				1
Gaminara		5			1	6
Give	1	10	6			17
Glostrup		4				4
Grumpensis	1	6		1		8
Haardt				2		2
Hadar	1	33		5	2	41
Haifa		2				2
Hartford		7		1	2	10
Havana		2			1	3
Heidelberg	14	193	19	47	35	308
Hvittingfoss		3			1	4
Idikan		1				1
Indiana		3				3
Infantis	1	61	1	5	14	82
Isangi		2				2
Itami		1		2		3
Javiana		30		4	5	39
Johannesburg		1				1
Kentucky		19			4	23
Kiambu		6				6
Kimberley					1	1
Kingabwa		3				3
Kottbus		1			1	2
Lattenkamp				1		1
Lexington			1			1
Litchfield	1	17			1	19
Livingstone		2				2
Lomalinda		3				3
London		2				2
Manhattan		19				19
Matadi					1	1
Mbandaka		25		2	9	36
Meleagridis		2	1		1	4
Miami	1	1			2	4
Minnesota		2				2
Mississippi		2			2	4
Montevideo		68	4	15	12	99
Muenchen	1	56	10	7	10	84
Muenster		15		2	1	18
Napoli		1				1
Narashino	1					1
Newport	3	226	21	19	14	283
Nima		4				4
Norwich		1				1

TABLE 4

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

Region=Pacific

Serotype	States					Total
	Alaska	California	Hawaii	Oregon	Washington	
Nottingham		1				1
Ohio	1	12	2	9	12	36
Oranienburg		64	5	8	4	81
Oslo		4	8	1	2	15
Panama		15	4	2		21
Paratyphi A	1	33	1		4	39
Paratyphi B	1		7		1	9
Paratyphi B var. L(+) tartrate+		52		17	11	80
Pomona		12		2		14
Poona		20			4	24
Potsdam		1				1
Reading		11	1			12
Richmond		1			1	2
Rissen		3				3
Rubislaw					1	1
Saintpaul		71	5	8	10	94
Sandiego		5		2	2	9
Saphra		1				1
Schwarzengrund		13	2		2	17
Senftenberg		21	2	1	2	26
Singapore	1	1				2
Stanley		37		5	8	50
Stanleyville				1	1	2
Sundsvall		1			1	2
Teitelkebir		4			2	6
Tennessee	2	6		1	3	12
Thompson		52	3	6	10	71
Tilene	1					1
Tucson		1				1
Typhi	1	59	11	4	5	80
Typhimurium	11	475	45	78	83	692
Typhimurium var. 5-		160				160
Uganda		6				6
Urbana	1	6		1		8
Vejle					1	1
Virchow		16		1	1	18
Virginia		1				1
Weltevreden		4	39	1	4	48
Worthington		2				2
Yaba		1				1
I 4,[5],12:b:-		29				29
I 4,[5],12:e,h:-		1				1
I 4,[5],12:i:-	3	110		12	5	130
I 4,[5],12:r:-		1				1
IIIa 18:z4,z23:-		12				12

TABLE 4**Salmonella isolates from Human sources
by Serotype, Geographic Region and State, 2005**

Region=Pacific

Serotype	States					Total
	Alaska	California	Hawaii	Oregon	Washington	
IIIa 41:z4,z23:-					1	1
IIIa 48:g,z51:-				1		1
IIIa 48:z4,z24:-		2				2
IIIa 53:z4,z23:-		2				2
IIIa 53:z4,z24:-		1				1
IIIb 48:i:z				1		1
IIIb 61:l,v:z		3				3
IV 45:g,z51:-				1	1	2
Partially serotyped	1		6		11	18
Rough or nonmotile			1	1		2
Unknown		72	2		1	75
Total	62	3473	252	376	437	4600