

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=New England

Serotype	State						Total
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	
Aba					1		1
Abaetetuba			1				1
Adelaide			3	1			4
Agona	7		26	4	4	2	43
Agoueve			1				1
Alachua	2						2
Albany	1						1
Anatum	5		8	2	1		16
Apapa			2				2
Bareilly	3		1				4
Benin	1						1
Berta	9		7		1		17
Blockley	1		7		3		11
Bonariensis			2				2
Bovismorbificans			3				3
Braenderup	10		21	2	2		35
Brandenburg			2				2
Bredeney			2				2
Carmel			1				1
Carrau			2				2
Cerro			1				1
Chester	1						1
Choleraesuis	1		1				2
Choleraesuis var. Kunzendorf			1				1
Colindale			1	1			2
Concord			3				3
Daytona	1						1
Derby			2				2
Dublin	1		5				6
Durban			2		1		3
Ealing			1				1
Eastbourne	1		3				4
Enteritidis	111	1	285	43	28	14	482
Fluntern				2			2
Gaminara			6		1		7
Give			4				4
Hadar	6		31	3	1	1	42
Hartford	3		9	1			13
Havana			5				5
Heidelberg	12		58	7	8		85
Hofit			1				1
Hvittingfoss			1		1		2
Indiana			4				4
Infantis	5		20	5	1		31

TABLE 4

*Salmonella* isolates from human sources  
by serotype, geographic region and state, 2006

Region=New England

Serotype	State						Total
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	
Istanbul			1				1
Javiana	1	3	29	4			37
Johannesburg			1				1
Kentucky	2		4	2			8
Kiambu	1		6				7
Kingabwa			1				1
Kottbus			1				1
Litchfield	3	1	15	2	1		22
Lomalinda			1		1		2
London			1				1
Manhattan	1		9	1	1		12
Mbandaka	2		6	1			9
Meleagridis			1				1
Miami	3		1	1			5
Minnesota			5	1			6
Mississippi	4		11	1			16
Monschau	1						1
Montevideo	9	2	27	7	1	4	50
Muenchen	4	1	11	3			19
Muenster	1		6	1			8
Nagoya			1				1
Newmexico					1		1
Newport	34	1	63	10	12		120
Norwich	1				1		2
Ohio	1		3				4
Oranienburg	8		57	11	8	1	85
Oranienburg var. 14+				6			6
Oslo	1		2				3
Overschie			1				1
Panama	3		9	1	1		14
Paratyphi A	3		11				14
Paratyphi B				4	1		5
Paratyphi B var. L(+) tartrate+	7		13		4	2	26
Pensacola	1						1
Pomona	1		5				6
Poona	1		1		2		4
Reading	1		5				6
Richmond			2		1		3
Roodepoort			1				1
Rubislaw	2	1	1	1			5
Saintpaul	12	1	25	3			41
Sandiego	2	1	22	4	1	1	31
Schwarzengrund	4	1	16				21
Senftenberg	2		1	1			4

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=New England

Serotype	State						Total
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont	
Soerenga	1						1
Stanley	1	2	8	3	1		15
Teitelkebir				1			1
Tennessee	2		7		1	2	12
Thompson	6		18	6	1		31
Typhi	4		21		2		27
Typhimurium	86	2	209	32	24	7	360
Typhimurium var. 5-			62	9	4	1	76
Uganda	1		3				4
Urbana			1			1	2
Uzaramo						1	1
Virchow	1		3	1			5
Weltevreden	1		7				8
Worthington	1						1
I 3,10:l,v:-			1				1
I 4,[5],12:-:1,2			1				1
I 4,[5],12:b:-	2						2
I 4,[5],12:e,h:-	2		1				3
I 4,[5],12:i:-	33		62	12	7	2	116
I 6,7:-:1,5			1				1
I 6,7:k:-			1				1
I 9,12:l,v:-					1		1
I 9,12:l,z28:-			1				1
I 11:z10:-			1				1
I 47:z4,z23:-	2						2
II 50:b:z6				1			1
IIIa 35:z4,z23:-			1				1
IIIa 41:z4,z23:-			1				1
IIIb 61:z52:z53					2		2
IV 44:z4,z23:-			1				1
IV 48:g,z51:-			1		1		2
IV 48:z4,z32:-			1				1
IV 50:g,z51:-			2	1			3
IV 50:z4,z23:-			1				1
IV 50:z4,z32:-				1			1
Partially serotyped	1	2		2		1	6
Rough, mucoid, and/or nonmotile isolates	3		6		2		11
Unknown	27	95		2		2	126
<b>Total</b>	<b>471</b>	<b>114</b>	<b>1331</b>	<b>207</b>	<b>135</b>	<b>42</b>	<b>2300</b>

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=Mid Atlantic

Serotype	States			Total
	New Jersey	New York	Pennsylvania	
Aarhus		4		4
Aberdeen		1	4	5
Adelaide	2	5	4	11
Agama		3		3
Agbeni		2	1	3
Agona	22	37	32	91
Alachua	3	2	4	9
Albany	1	3	5	9
Altona		1		1
Amsterdam		1		1
Anatum	6	20	6	32
Anatum var. 15+	1			1
Anfo		1		1
Apapa			1	1
Baildon	1	8		9
Bardo		1		1
Bareilly	8	5	2	15
Beaudesert	1			1
Benin			1	1
Bere			2	2
Berta	1	15	39	55
Blockley	7	11	3	21
Bournemouth	1			1
Bouso			1	1
Bovismorbificans	7	4	4	15
Braenderup	35	38	34	107
Brandenburg	5	4	1	10
Brazzaville		3		3
Bredeney			3	3
Bron		1		1
Cerro			4	4
Chester		1	2	3
Choleraesuis		1		1
Choleraesuis var. Kunzendorf			3	3
Clackamas			1	1
Claibornei		1		1
Coeln	1			1
Colindale	1	2	1	4
Concord		4		4
Corvallis	1	1	1	3
Cotham			3	3
Cubana		2	3	5
Cuckmere		1		1
Derby	2	22	2	26

**TABLE 4**

***Salmonella isolates from human sources  
by serotype, geographic region and state, 2006***

Region=Mid Atlantic

Serotype	States			Total
	New Jersey	New York	Pennsylvania	
Doom		1		1
Dublin	4	11	5	20
Durban	1	1		2
Durham		1		1
Ealing	2			2
Eastbourne	1	1		2
Edinburg		8	1	9
Enteritidis	286	779	614	1679
Eppendorf		1		1
Florida		2		2
Friedenau		1		1
Frintrop		1		1
Fyris	2			2
Gaminara	2		2	4
Gatuni		1		1
Give	2	6	3	11
Glostrup		2		2
Grandhaven	1			1
Grumpensis		1	1	2
Gwale			1	1
Haardt		4		4
Hadar	16	55	16	87
Hartford	6	15	13	34
Havana	1		2	3
Heidelberg	58	188	79	325
Hindmarsh			1	1
Holcomb		1		1
Hvittingfoss		13	4	17
Ibadan		1		1
Indiana	2	5		7
Infantis	13	33	30	76
Inverness		2		2
Irumu	1			1
Isangi		1		1
Istanbul		6		6
Ituri	1			1
Javiana	17	59	31	107
Jerusalem		1		1
Johannesburg	1	5		6
Jukestown			1	1
Kalamu		1		1
Kapemba	1			1
Kedougou	1			1
Kentucky	3	13	44	60

**TABLE 4**

***Salmonella* isolates from human sources  
by serotype, geographic region and state, 2006**

Region=Mid Atlantic

Serotype	States			Total
	New Jersey	New York	Pennsylvania	
Kiambu	1	9		10
Kimuenza			1	1
Kintambo		2	4	6
Kokomlele		2		2
Kottbus		1		1
Lagos		1		1
Lexington var. 15+			1	1
Lindenburg		3		3
Litchfield	9	13	19	41
Livingstone	1		1	2
London	1	2	4	7
Madelia		1		1
Manhattan	3	6	2	11
Matopeni		2		2
Mbandaka		14	19	33
Meleagridis		1		1
Miami	1	6	1	8
Michigan			1	1
Mikawasima	1	3		4
Minnesota		2		2
Mississippi	6	10	8	24
Montevideo	21	61	22	104
Mornington		1		1
Moscow		1		1
Muenchen	15	49	14	78
Muenster	6	5	12	23
Napoli		1		1
Nchanga		1		1
Newmexico			1	1
Newport	81	180	129	390
Nima		7		7
Norwich		7		7
Nottingham	1			1
Ohio	3	8	4	15
Oranienburg	17	57	34	108
Oranienburg var. 14+	1			1
Oritamerin		1		1
Oslo	1	1	1	3
Othmarschen	2	1		3
Ouakam			1	1
Panama	9	17	8	34
Paratyphi A	14	32	8	54
Paratyphi B		3	18	21
Paratyphi B var. L(+) tartrate+	11	21	33	65

**TABLE 4**

***Salmonella* isolates from human sources  
by serotype, geographic region and state, 2006**

Region=Mid Atlantic

Serotype	States			Total
	New Jersey	New York	Pennsylvania	
Paratyphi C		1		1
Pensacola	4		2	6
Pomona	6	12	6	24
Poona	3	8	15	26
Powell			1	1
Praha		1		1
Presov		1		1
Reading	3	4	1	8
Redlands		1		1
Richmond	1	1		2
Rissen	1	1		2
Romanby	1			1
Roodepoort	1			1
Rovaniemi			1	1
Rubislaw	1	2		3
Saintpaul	27	49	35	111
Sandiego	17	35	7	59
Sanktgeorg	2			2
Schwarzengrund	11	32	20	63
Senftenberg	4	9	2	15
Somone		1		1
Stanley	9	22	32	63
Stanleyville	1			1
Suelldorf		1		1
Teitelkebir		3	3	6
Tennessee	4	48	20	72
Thompson	10	64	27	101
Tornow			1	1
Treguier		1		1
Typhi	29	106	14	149
Typhimurium	139	433	471	1043
Typhimurium var. 5-	98	44		142
Uganda	3	6	2	11
Urbana	1	2	1	4
Uzaramo			1	1
Virchow	3	9	4	16
Virginia	2			2
Wandsworth		1	1	2
Waycross			1	1
Weltevreden	2	8	1	11
Widemarsh		1		1
Worthington		2	2	4
Zwickau			1	1
14,[5],12:-:1,2	5	1		6

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=Mid Atlantic

Serotype	States			Total
	New Jersey	New York	Pennsylvania	
I 4,[5],12:b:-	3	16		19
I 4,[5],12:d:-	1			1
I 4,[5],12:e,h:-		1		1
I 4,[5],12:i:-	57	147		204
I 6,7:-:1,5	3	2		5
I 6,7:i:-		1		1
I 6,7:k:-		4		4
I 6,7:l,w:-	1			1
I 6,8:-:1,2	1			1
I 9,12:l,v:-	1			1
I 47:z4,z23:-	3	2		5
II 6,7:z:1,5		1		1
II 40:z39:1,7	1			1
IIIa 40:z4,z23:-		1		1
IIIb 50:r:z		1		1
IIIb 60:z52:z53	1			1
IIIb 61:l,[v],[z13]:1,5,[7]		1		1
IIIb 61:z52:z53	1			1
IV 16:z4,z32:-	1	1		2
IV 43:z4,z23:-	1			1
IV 44:z4,z23:-	1			1
IV 44:z4,z32:-		2		2
IV 45:g,z51:-		1		1
IV 48:g,z51:-			1	1
IV 50:g,z51:-	1	1	2	4
IV 50:z4,z32:-	1			1
Partially serotyped		33	23	56
Rough, mucoid, and/or nonmotile isolates	5	1		6
Unknown	1	27	51	79
<b>Total</b>	<b>1205</b>	<b>3110</b>	<b>2110</b>	<b>6425</b>



**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=East North Central

Serotype	States					Total
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
Abaetetuba		1				1
Adelaide	4		1	2	2	9
Agbeni	2			2	1	5
Agona	20	9	8	10	21	68
Agoueve			1		1	2
Ajiobo	1					1
Alachua	1					1
Amsterdam	1					1
Anatum	6	8	10	2	16	42
Anatum var. 15+			1		1	2
Apapa		1				1
Baildon		1	2			3
Bareilly	3	4	1	1	3	12
Bargny	1					1
Barranquilla	1				1	2
Beaudesert					1	1
Berta	16	7	13	3		39
Blockley	1	2		2	1	6
Bonn			1			1
Bovismorbificans	3	10	2	1	3	19
Braenderup	20	14	27	10	10	81
Brandenburg	8	2	2	1	2	15
Bredeney		1	1	1		3
Buzu		1				1
Carrau	1	1				2
Cerro		1			1	2
Chester	1	3	1			5
Chincol	1					1
Choleraesuis					1	1
Choleraesuis var. Kunzendorf					1	1
Colindale			1			1
Concord	2					2
Corvallis	5				2	7
Cotham		1	1		1	3
Cubana				1		1
Derby	9	4	4	2	5	24
Dublin	1	1	1			3
Durban		1	1		1	3
Durham					1	1
Ealing	2					2
Eastbourne	1					1
Edinburg			1		1	2
Emek	1					1
Enteritidis	182	131	187	52	155	707
Essen					1	1

TABLE 4

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=East North Central

Serotype	States					Total
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
Gaminara	1			2	1	4
Give	3	1	1	2	3	10
Grumpensis			1			1
Hadar	9	4	9	1	6	29
Haifa	3				2	5
Hartford	7	20	8	3	2	40
Hato					1	1
Havana		1	1			2
Heidelberg	36	28	43	14	21	142
Hindmarsh					2	2
Holcomb				2		2
Hull			1		1	2
Hvittingfoss		1				1
Indiana		1		1		2
Infantis	13	7	9	1	21	51
Inverness	1				1	2
Javiana	6	7	22	5	9	49
Johannesburg	1		1			2
Kentucky	2	1	1	2	6	12
Kiambu			2		11	13
Kintambo	1		1	1	2	5
Kisangani			1			1
Kottbus			1			1
Limete	1					1
Litchfield	3	2	2	1	8	16
Lomalinda			3			3
London	3				1	4
Manhattan	2	1	3	2	1	9
Mbandaka	21	5	7	4	10	47
Meleagridis			2		1	3
Miami		1		1	1	3
Minnesota	2	1	1		2	6
Mississippi	1			6	1	8
Monschau	2				1	3
Montevideo	21	7	18	7	23	76
Muenchen	14	9	15	6	12	56
Muenster	1	3	1	1	5	11
Newport	74	45	54	21	67	261
Nima					1	1
Norwich		2	1		1	4
Ohio	3	1	4		4	12
Ohio var. 14+					2	2
Oranienburg	26	7	21	17	13	84
Oranienburg var. 14+					1	1
Oslo					1	1

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=East North Central

Serotype	States					Total
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
Othmarschen					1	1
Oxford var. 15+, 34+		1				1
Panama	3	1		1	1	6
Paratyphi A	8	3	3	2	3	19
Paratyphi B	5	1	18	1		25
Paratyphi B var. L(+) tartrate+	5	27		6	11	49
Poano			1			1
Pomona	1		7	1		9
Poona	4	2	4	6	1	17
Putten			1		1	2
Reading	1	1	3			5
Richmond	1					1
Rissen	1					1
Rubislaw	1					1
Saintpaul	16	12	13	4	23	68
Sandiego	2	5	6	3	2	18
Schwarzengrund	7	3	2	2	6	20
Senftenberg	2	1	1	1	2	7
Shubra				1		1
Singapore	1					1
Stanley	7		15	1	10	33
Takoradi					1	1
Tallahassee					2	2
Tamberma			1			1
Telekebir			3		2	5
Tennessee	13	9	11		16	49
Thompson	11	7	25	5	4	52
Typhi	18	2	8		7	35
Typhimurium	185	81	172	54	108	600
Typhimurium var. 5-		29		13	54	96
Uganda	1	1			8	10
Urbana		2	2		2	6
Virchow	1	2	1	3	2	9
Weltevreden	3	8			3	14
Worthington	2		2			4
I 4,[5],12:-:1,2					3	3
I 4,[5],12:b:-	9				1	10
I 4,[5],12:b:- var. L(+) tartrate+					19	19
I 4,[5],12:i:-	45	232			47	324
I 6,7:-:1,5	2					2
I 6,7:r:-	2					2
I 9,12:l,z28:-	1					1
I 45:b:-		2				2
II 47:b:e,n,x,z15	1					1
II 48:d:z6					2	2

**TABLE 4****Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=East North Central

Serotype	States					Total
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
IIIa 13:22:z4,z23:-	1					1
IIIa 18:z4,z23:-		1				1
IIIa 41:z4,z23:-		1				1
IIIa 48:z4,z24:-					1	1
IIIb 35:k:e,n,x,z15					1	1
IIIb 38:(k):-					1	1
IIIb 47:k:z35					1	1
IIIb 48:i:z		1		1	2	4
IV 11:z4,z23:-		1				1
IV 44:z4,z23:-				2		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	2
Partially serotyped	4		59	17	13	93
Rough, mucoid, and/or nonmotile isolates	9	1			4	14
Unknown	13	1	146	52	2	214
<b>Total</b>	<b>937</b>	<b>798</b>	<b>1006</b>	<b>368</b>	<b>846</b>	<b>3955</b>

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=West North Central

Serotype	States							Total
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	
Aberdeen		1	1					2
Adelaide			3					3
Agbeni				1				1
Agona	19	4	15	5	2	2	1	48
Albany			2				1	3
Altona			1					1
Amherstiana			1					1
Amoutive	1							1
Amsterdam				1				1
Amsterdam var. 15+	1							1
Anatum	9	2	7	9	4		1	32
Anatum var. 15+			1					1
Apapa							1	1
Aqua		1						1
Bardo	1	2		1				4
Bareilly		1	4	19	2			26
Barranquilla					1		1	2
Bergen				1				1
Berta	2	2	5	6			1	16
Blockley			2					2
Bovismorbificans	3		2	2			1	8
Braenderup	6	8	10	8		1		33
Brandenburg			5	5				10
Bredeney				1	2			3
Cerro		1		1	2			4
Choleraesuis					1			1
Choleraesuis var. Kunzendorf							1	1
Coeln				1				1
Concord			3					3
Corvallis			1					1
Dahra		1						1
Derby	2		6	1			1	10
Dublin	3						1	4
Ealing						1		1
Eastbourne			1					1
Edinburg			1					1
Enteritidis	86	33	180	111	24	11	21	466
Eppendorf			1					1
Gaminara	2	1		1				4
Give		1		1				2
Guinea			1					1
Hadar	4	4	5	4	1		2	20
Hartford	4	8	7	9				28
Havana	1			2				3

TABLE 4

*Salmonella* isolates from human sources  
by serotype, geographic region and state, 2006

Region=West North Central

Serotype	States							Total
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	
Heidelberg	6	20	23	38	8	3	5	103
Herston			1					1
Hindmarsh	2							2
Hvittingfoss				1				1
Indiana	1							1
Infantis	5	5	15	12	5	2	8	52
Irumu			1					1
Javiana	1	4	5	11	1		2	24
Kentucky				1			1	2
Kiambu			2	2			1	5
Kintambo			1					1
Kivu						1		1
Kottbus			2					2
Litchfield	2	2	5	3	1			13
Lomalinda				1				1
London			1	4			2	7
Madelia				1				1
Manhattan			2	4				6
Mbandaka	1		1	2			3	7
Meleagridis	1	1	1					3
Miami		1	5					6
Minnesota		2	1	2				5
Mississippi			2	10				12
Mono	29							29
Montevideo	17	6	21	11	10	4	6	75
Muenchen	4	4	10	14	3		3	38
Muenster	3	1	5	1	2	1		13
Newport	35	30	54	82	10	3	11	225
Nima				3				3
Norwich	1	5	4	12			1	23
Ohio	1		2	1				4
Oranienburg	4	1	5	16	5	2	2	35
Orion				1				1
Othmarschen				1				1
Panama	3	1	2	7	3			16
Paratyphi A	1	2	3	1				7
Paratyphi B	8	1					5	14
Paratyphi B var. L(+) tartrate+		2	23	20	3	3		51
Poano	2							2
Pomona			1	3				4
Poona	1	2	4	3				10
Portland						1		1
Reading	1		1	1			2	5
Richmond			1	1				2

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=West North Central

Serotype	States							Total
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	
Rissen		1	1	1				3
Rubislaw		1		1				2
Saintpaul	3	3	16	13	1		2	38
Sandiego	3	2	3	4		3	1	16
Schwarzengrund	1		1	1	3	1		7
Senftenberg	1	1	3	1	1			7
Stanley			7	6			1	14
Stanleyville	1							1
Tanzania	1							1
Teitelkebir				1				1
Tennessee	6	5	5	12	2		2	32
Thompson	4	6	10	26	5		3	54
Typhi			5	2			1	8
Typhimurium	53	56	157	231	29	14	53	593
Typhimurium var. 5-	32	13	34		19			98
Uganda	1	1						2
Urbana	1		1	1			1	4
Virchow	4		5	1				10
Virginia		1						1
Wandsworth					1		1	2
Worthington				3				3
I 3,10:r:-			3					3
I 4,[5],12:b:-			1					1
I 4,[5],12:b:- var. L(+) tartrate+					1			1
I 4,[5],12:i:-			43	76	5			124
I 9,12:l,z28:-					1			1
I 28:i:-			1					1
I 47:z4,z23:-			1	1				2
II 58:l,z13,z28:z6				1				1
IIIa 40:z4,z23:-					1			1
IIIa 41:z4,z23:-			2	1				3
IIIa 48:z4,z24:-				1				1
IIIb 38:(k):z35		1						1
IIIb 42:(k):z35				1				1
IIIb 50:r:z				3				3
IIIb 53:z10:z35		1						1
IIIb 61:k:1,5,[7]				1				1
IIIb 61:l,[v],[z13]:1,5,[7]		1		1				2
IV 16:z4,z32:-			1					1
IV 44:z4,z32:-		1						1
IV 45:g,z51:-				1				1
IV 48:g,z51:-				1				1
IV 50:g,z51:-				1				1
IV 50:z4,z23:-				2				2

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=West North Central

Serotype	States							Total
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota	
Partially serotyped	7	25	7	4	3			46
Rough, mucoid, and/or nonmotile isolates			6	1	2			9
Unknown	3		13	1	32			49
<i>Total</i>	<i>394</i>	<i>279</i>	<i>795</i>	<i>861</i>	<i>196</i>	<i>53</i>	<i>150</i>	<i>2728</i>



**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=South Atlantic

Serotype	States									Total
	Delaware	District of Columbia	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	
Aberdeen					2					2
Abony				2					1	3
Adelaide			3	5	7			1		16
Agama								1		1
Agona	3		2	18	3	31	5	4	1	67
Alabama				3						3
Alachua				1		1				2
Albany					1					1
Anatum			3	13	3	5	3	3		30
Anatum var. 15+				2						2
Anecho						2				2
Aqua				1						1
Arechavaleta				1						1
Assinie				4						4
Avignon							1			1
Bahrenfeld								1		1
Baildon			1					1		2
Bardo				4	10					14
Bareilly				20	8	24	3	30	3	88
Benin					2					2
Bere				1		1	2			4
Berta	1		1	12	8	13	1	19	4	59
Blockley				3	5	1			1	10
Bovismorbificans				1		1	5	1		8
Bradford							1			1
Braenderup	1		11	31	8	17	8	9	4	89
Brandenburg				3	1	1	2	1		8
Brazil				2						2
Bredeney	1									1
Cannstatt				1						1
Caracas							1			1
Carrau						2				2
Cerro			2	1	1	1				5
Cerro var. 14+									1	1
Chandans				1						1
Chester			4			1		2		7
Choleraesuis						1				1
Corvallis				1				2		3
Cotham				1				1		2
Croft							1			1
Cubana	1				3					4
Daytona				2			1			3
Derby	1		4	5	1	1		5	1	18

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=South Atlantic

Serotype	States									Total
	Delaware	District of Columbia	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	
Dublin			4							4
Durban								1		1
Duval							1			1
Ealing			1							1
Eastbourne								2	1	3
Emek								1		1
Entebbe				1						1
Enteritidis	19		44	172	265	233	92	225	32	1082
Farsta			1							1
Fischerkietz	1									1
Gaminara			4	6	1	8	5	2		26
Georgia					3					3
Give	1			1		4	11			17
Grumpensis				1						1
Hadar	1		1	11	7	1		7		28
Harburg									1	1
Harcourt			1							1
Hartford	1		6	16	1	6	6	2	2	40
Hato						2				2
Havana						4				4
Heidelberg	9		4	78	19	61	15	40	6	232
Herston			1							1
Hillegersberg							1			1
Hoghton				1						1
Hvittingfoss				1				2		3
Ibadan					1	1				2
Indiana						1	1			2
Infantis			5	24	10	7	3	26		75
Inverness			3	12		9	9			33
Irumu						3				3
Israel					1					1
Javiana	7		29	231	31	209	111	91	5	714
Johannesburg			3	1	1					5
Kedougou				2						2
Kentucky					1	1		1		3
Kiambu	2		2	1	1			1	1	8
Korlebu					1					1
Kortrijk									1	1
Kottbus				1				1		2
Larochelle					2					2
Litchfield	2			6	4	3	1	15	2	33
Livingstone								1		1
Loanda						2				2

TABLE 4

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=South Atlantic

Serotype	States									Total
	Delaware	District of Columbia	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	
Lockleaze									2	2
Lomalinda	1									1
London						4				4
Luciana				1						1
Madelia				4			4	1		9
Manhattan			1	2		4	2	4	1	14
Matopeni									1	1
Mbandaka			1	9	2	9	3	5	2	31
Meleagridis			1	2				1		4
Menden				1						1
Miami			7	8	4	8	1	2		30
Mikawasima								1		1
Minnesota			2	1	2	2		4		11
Mississippi				129	2	85	57	3		276
Molade				1						1
Mono				2						2
Monschau					1					1
Montevideo	2		2	138	9	16	32	15	8	222
Muenchen	1		7	105	6	59	61	13	2	254
Muenster			2	2	4	4		1		13
Nessziona					2		1			3
Neudorf								1		1
Newport	35		29	266	47	278	154	118	10	937
Nima			1	1						2
Norwich	1			11	1	1		2		16
Ohio	1			1	1	1		1		5
Oranienburg	2			20	15	39	5	21	2	104
Oranienburg var. 14+							1			1
Orion								1		1
Os				1						1
Oslo			1			1				2
Othmarschen			2						2	4
Pakistan				4	1					5
Panama	3		1	1	4			12		21
Paratyphi A			2	10	2	5		8		27
Paratyphi B				18	5		1	2	3	29
Paratyphi B var. L(+) tartrate+	2		3	4	1	26	2	1	2	41
Penarth					1					1
Pensacola				2			1	3		6
Pomona			5	6	1	2	1	1		16
Poona	1		3	8	2	2	2	6	1	25
Potsdam			1				1	2		4
Reading				2		3	1	1	1	8

TABLE 4

*Salmonella* isolates from human sources  
by serotype, geographic region and state, 2006

Region=South Atlantic

Serotype	States									Total
	Delaware	District of Columbia	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	
Richmond								1		1
Rissen								1		1
Rubislaw			9	16		6	4	1		36
Saarbruecken					3					3
Saintpaul	4		9	42	7	19	25	16	1	123
Sandiego			11	11	4	11	6	7	1	51
Schwarzengrund	1		1	4	3		1	3		13
Senftenberg	1			4	1	2		3		11
Singapore			1							1
Stanley	2		1	2	4	7		2	2	20
Stanleyville					2					2
Suberu			1							1
Takoradi					2					2
Tallahassee				1			4		1	6
Telelkebir			2	1	4			4		11
Tennessee				17	2	9	4	17	3	52
Thompson	3		1	16	7	11	22	16	1	77
Tshiongwe					1					1
Typhi		1	9	4	16	4	1	27		62
Typhimurium	37		35	204	75	374	172	306	29	1232
Typhimurium var. 5-			19	128	38					185
Tyresoe				1						1
Uganda				4	1		1	3		9
Urbana			1	2	1			1		5
Virchow				5	2			2		9
Virginia				3	2					5
Weltevreden			7			1				8
Widemarsh				1						1
Wien					3					3
Worthington				3	1	2	1			7
I 3,10:e,h:-				1						1
I 4,[5],12:-:1,2				1	1					2
I 4,[5],12:b:-					4					4
I 4,[5],12:b:- var. L(+ tartrate+								3		3
I 4,[5],12:d:-								1		1
I 4,[5],12:i:-	6		23	10	34				6	79
I 4,[5],12:r:-					1					1
I 6,7:-:1,5					5					5
I 6,7:k:-					1					1
I 6,8:d:-			1							1
I 6,8:e,h:-					1					1
I 13,23:b:-					1					1
I 47:z4,z23:-	1				2					3

**TABLE 4**

***Salmonella* isolates from human sources  
by serotype, geographic region and state, 2006**

Region=South Atlantic

Serotype	States									Total
	Delaware	District of Columbia	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia	
II 58:c:z6					1					1
IIIa 13,23:g,z51:-				1						1
IIIa 41:z4,z23:-			1							1
IIIa 48:g,z51:-				2						2
IIIa 50:z4,z32:-			2							2
IIIb 48:i:z			1							1
IV 40:z4,z24:-				1						1
IV 40:z4,z32:-								1		1
IV 43:z4,z23:-			1	2						3
IV 44:z4,z23:-				1	2					3
IV 45:g,z51:-				1	1					2
IV 48:g,z51:-			1							1
IV 48:z4,z32:-			2							2
IV 50:z4,z23:-			56							56
Partially serotyped	7	41	422	127	5	12	1	109	1	725
Rough, mucoid, and/or nonmotile isolates	1				2			1		4
Unknown	4		33		5	31	25	4		102
<b>Total</b>	<b>167</b>	<b>42</b>	<b>861</b>	<b>2081</b>	<b>770</b>	<b>1696</b>	<b>887</b>	<b>1258</b>	<b>149</b>	<b>7911</b>

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=East South Central

Serotype	States				Total
	Alabama	Kentucky	Mississippi	Tennessee	
Aarhus	1		1		2
Adelaide	2	2		2	6
Agona	3	9	1	6	19
Alabama	1	1			2
Alachua	1				1
Anatum	3	2	1	18	24
Aqua				1	1
Banana			1		1
Bardo		2		1	3
Bareilly	15	16	5	17	53
Berta	3	11		8	22
Blockley	3				3
Bovismorbificans	1	3			4
Braenderup	24	14	3	6	47
Brandenburg	1				1
Brazil	1				1
Choleraesuis var. Kunzendorf			1		1
Colindale	1				1
Cubana		1			1
Daytona		1			1
Derby	3	1	1	2	7
Djugu			1		1
Durham	1				1
Ealing		1			1
Edinburg				1	1
Enteritidis	64	64	36	99	263
Gaminara	3		5		8
Garoli			1		1
Give	6	1	10	1	18
Haardt		1			1
Hadar			1	15	16
Hartford	7	5	1	9	22
Hato	1				1
Havana		1			1
Heidelberg	40	26	24	32	122
Hvittingfoss	1				1
Infantis	7	4		6	17
Inverness	7		2		9
Javiana	114	27	65	44	250
Kallo			1		1
Kentucky		2		1	3
Kingabwa				1	1
Kintambo	1				1
Kottbus				1	1
Litchfield	2	2	2	2	8

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=East South Central

Serotype	States				Total
	Alabama	Kentucky	Mississippi	Tennessee	
London	1				1
Luciana		1			1
Manhattan		1	1	1	3
Mbandaka	12	6		11	29
Memphis	1				1
Miami		1		1	2
Mikawasima	1				1
Minnesota		1			1
Mississippi	45		98	15	158
Monschau				1	1
Montevideo	57	13	18	10	98
Muenchen	59	9	27	11	106
Muenster				2	2
Newport	96	51	91	73	311
Nima				1	1
Norwich	4	5	10	8	27
Ohio		4			4
Ohio var. 14+				3	3
Okatie	1			1	2
Oranienburg	5	7	7	9	28
Orion		1			1
Oslo			1		1
Panama	2	2		1	5
Paratyphi A	1	1		2	4
Paratyphi B	2			15	17
Paratyphi B var. L(+) tartrate+	6	16	21	2	45
Pomona	1			1	2
Poona	7	2		4	13
Potsdam	1	1			2
Reading		1		1	2
Rissen		1			1
Roodepoort		4			4
Rubislaw	8	1	11	1	21
Saintpaul	14	17		8	39
Sandiego	4	1		1	6
Schleissheim	1	5			6
Schwarzengrund	3			1	4
Senftenberg	1	2	2	4	9
Shubra	2				2
Singapore		1			1
Stanley	5	7	1	1	14
Tallahassee	1			2	3
Telekebir	1	1		2	4
Tennessee	10	10	1	10	31
Thompson	10	10	2	1	23

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=East South Central

Serotype	States				Total
	Alabama	Kentucky	Mississippi	Tennessee	
Typhi	2	4	2		8
Typhimurium	172	95	60	137	464
Typhimurium var. 5-		16	48	1	65
Uganda				1	1
Urbana			1		1
Virchow		1		2	3
Virginia	1				1
Worthington	1		3		4
I 4,[5],12:b:-	2				2
I 4,[5],12:d:-			1		1
I 4,[5],12:i:-	11		13		24
I 6,7:e,h:-			1		1
I 6,8:e,h:-			1		1
I 9,12:l,z28:-	2		1		3
I 13,22:z:-			1		1
I 13,23:b:-			1		1
II 35:l,z28:-			1		1
IV 48:g,z51:-	1				1
Partially serotyped		29	10	67	106
Unknown	75	26	10	597	708
<b>Total</b>	<b>946</b>	<b>551</b>	<b>608</b>	<b>1282</b>	<b>3387</b>



**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=West South Central

Serotype	States				Total
	Arkansas	Louisiana	Oklahoma	Texas	
Adelaide				2	2
Agona	3	8	1	2	14
Albany		1			1
Anatum	2	4	1	2	9
Arechavaleta			1		1
Bareilly	16	20	4	1	41
Berta	7	3	2		12
Bovismorbificans		1		1	2
Braenderup		22	13	3	38
Brandenburg		1	2	2	5
Bredeney		2			2
Chester		1			1
Choleraesuis				3	3
Colindale		2			2
Derby		2			2
Djugu			1		1
Dublin	1				1
Durham		1			1
Ealing			1		1
Enteritidis	45	31	35	49	160
Gaminara	2	13			15
Georgia	2				2
Give		24	2	2	28
Grumpensis	1				1
Hadar		3	3	1	7
Hartford		3	6		9
Havana		1			1
Heidelberg	19	14	13	4	50
Hvittingfoss		3	1		4
Infantis	4	10	5	9	28
Inverness		2			2
Javiana	69	54	11	16	150
Kentucky	1		1		2
Kiambu	1		4	2	7
Litchfield	4	9	7	1	21
Liverpool		1			1
London		3			3
Luciana		1			1
Manhattan		1			1
Mbandaka	7		2	4	13
Miami		1			1
Minnesota				1	1
Mississippi	17	70		15	102
Montevideo	9	75	8	14	106
Muenchen	4	26	5	6	41

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=West South Central

Serotype	States				Total
	Arkansas	Louisiana	Oklahoma	Texas	
Muenster				1	1
Newport	162	155	69	41	427
Nonwich	24	6	10		40
Ohio	2				2
Oranienburg	9	10	10	11	40
Panama	1	1	1	2	5
Paratyphi A				1	1
Paratyphi B				2	2
Paratyphi B var. L(+) tartrate+			16		16
Poano			2		2
Pomona		2			2
Poona		3	1	3	7
Rubislaw	7	16	2	1	26
Saintpaul	2	4	3	5	14
Sandiego			1	1	2
Saphra		1			1
Schwarzengrund	2			2	4
Senftenberg	1	2	2	1	6
Singapore		2			2
Stanley	1			1	2
Teitelkebir		1			1
Tennessee	6		1	9	16
Thompson	4	4	5	2	15
Typhi	2			2	4
Typhimurium	286	58	103	36	483
Uganda		1	4		5
Uppsala				1	1
Urbana		7			7
Virchow		1			1
Worthington	1	1		1	3
I 4,[5],12:-:1,2	1				1
I 4,[5],12:i:-		2			2
I 9,12:l,z28:-		1			1
Partially serotyped	4	53	12	208	277
Rough, mucoid, and/or nonmotile isolates		1			1
Unknown	48	254		2310	2612
<b>Total</b>	<b>777</b>	<b>999</b>	<b>371</b>	<b>2781</b>	<b>4928</b>

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=Mountain

Serotype	States							Total
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	
Abony	1				1			2
Adelaide	1							1
Ago							1	1
Agona	34	7	3		3	6	2	55
Albany	1				1	1	5	8
Altona	1							1
Anatum	13	5	2				3	23
Anatum var. 15+		2						2
Bardo	1							1
Bareilly		1					1	2
Beaudesert					1			1
Benin		1						1
Berta		3			1	5		9
Blockley	2							2
Bovismorbificans	2						2	4
Braenderup	10	10	1		2	3	6	32
Brandenburg	4				1	3	1	9
Bredeney	3					2		5
California	2							2
Cerro	1	4	1			1		7
Chester	1							1
Chicago			1					1
Choleraesuis	1							1
Choleraesuis var. Kunzendorf					2		1	3
Colindale							1	1
Concord	1							1
Corvallis	2				1			3
Cotham	1				1			2
Cubana							1	1
Denver	1							1
Derby	1		2		2			5
Dublin	4				4		1	9
Eastbourne	1							1
Edinburg	1							1
Entebbe					1			1
Enteritidis	131	106	52		51	29	57	426
Fayed	1							1
Fluntern					1			1
Friedrichsfelde							1	1
Gaminara					1		2	3
Give	5						1	6
Grumpensis							3	3
Hadar	4	3			3		3	13
Hartford		1			1	1		3

TABLE 4

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=Mountain

Serotype	States							Total
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	
Havana		2						2
Heidelberg	21	35	14		13	5	10	98
Hofit		1						1
Hvittingfoss	1				1			2
Infantis	14	7	1		3	9	12	46
Inverness							1	1
Irumu		2						2
Javiana	2	9	4		3	28		46
Johannesburg	1							1
Jubilee		1						1
Kentucky	6	1	1					8
Kiambu	1				2		1	4
Kirkee		2						2
Korbol	1							1
Kottbus	3							3
Litchfield		2			2	1	2	7
Livingstone		1	1			1		3
Lomalinda		2				1		3
London	1							1
Manhattan	3							3
Mbandaka	5	1	3		1		7	17
Meleagridis		1					1	2
Menston						1		1
Miami							2	2
Michigan		1						1
Minnesota	6	3			1	1	4	15
Mississippi	1						3	4
Molade	1							1
Monschau		1						1
Montevideo	53	31	1		11	21	10	127
Muenchen	27	6	5		3	6	5	52
Muenster		4	2		3		1	10
Newport	83	36	15		23	27	17	201
Ohio	1	1						2
Oranienburg	89	15			6	9	5	124
Oslo		1						1
Othmarschen	1							1
Overschie							1	1
Panama	44	1	1		4	7		57
Paratyphi A	1				1			2
Paratyphi B	3				3	2		8
Paratyphi B var. L(+) tartrate+	5	24	6		3		6	44
Pomona	15	2			3			20
Poona	44	3			1	4	2	54

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=Mountain

Serotype	States							Total
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	
Reading	1	3	1			1		6
Remo	2							2
Rubislaw							1	1
Saintpaul	23	8	2		5	7	9	54
Sandiego	11	1			4	3	2	21
Sanjuan	1							1
Schwarzengrund	11	3			1		1	16
Senftenberg	7	2	2		4	2		17
Simi		2						2
Sinstorf		1						1
Stanley	8	5	2		2	1		18
Stanleyville	1							1
Sundsvall	3							3
Telekebir	4	3	1				1	9
Tennessee	5	20			2	1		28
Thompson	9	6	2		20	1	4	42
Tshiongwe		2						2
Typhi	7	6	1		1	1	2	18
Typhimurium	116	92	20	1	24	26	91	370
Typhimurium var. 5-	6	32	10		3	23		74
Uganda			1		2		1	4
Umbilo		1						1
Virchow	1	3	1		1		1	7
Wandsworth							1	1
Waycross		1						1
Weltevreden	2						1	3
Worthington	1							1
I 4,[5],12:b:-	3							3
I 4,[5],12:b:- var. L(+) tartrate+	2							2
I 4,[5],12:i:-	45	2	6		7	7		67
I 6,14,25:-:l,z13,z28	1							1
I 6,8,20:z4,z24:-					1			1
I 9,12:g,z51:-	1							1
I 43:k:-							1	1
II 21:z10:[z6]	1							1
II 47:b:1,5		1					1	2
II 48:a:z6	1							1
II 50:b:z6	1							1
II 58:c:z6	1							1
II 58:l,z13,z28:z6	1							1
IIIa 18:z36:-	1							1
IIIa 21:z36:-	1							1
IIIa 40:z4,z24:-	1							1
IIIa 47:z4,z23:-	3							3

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=Mountain

Serotype	States							Total
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	
IIIa 48:z29:-					1			1
IIIb 48:i:-	1							1
IIIb 50:k:z	1							1
IIIb 50:r:z							2	2
IIIb 53:k:e,n,x,z15	1							1
IIIb 61:l,[v],[z13]:1,5,[7]		1						1
IV 6,7:z4,z24:-							1	1
IV 11:z4,z23:-	1							1
IV 16:z4,z32:-	1							1
IV 44:z4,z32:-		1						1
IV 45:g,z51:-		1						1
IV 48:g,z51:-	1	1						2
IV 50:g,z51:-			1				1	2
Partially serotyped	3	8		112	1	3	1	128
Rough, mucoid, and/or nonmotile isolates	13	2	2				2	19
Unknown	2	127				3		132
<b>Total</b>	<b>970</b>	<b>674</b>	<b>168</b>	<b>113</b>	<b>244</b>	<b>253</b>	<b>306</b>	<b>2728</b>

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=Pacific

Serotype	States					Total
	Alaska	California	Hawaii	Oregon	Washington	
Abaetetuba		1				1
Aberdeen		1				1
Abony	1	1		1		3
Adelaide		18				18
Agbeni		6				6
Agona	1	114	3	8	7	133
Alachua		3				3
Albany		12	1			13
Altona		1				1
Amager			2	2		4
Anatum	1	26			3	30
Anatum var. 15+		8				8
Anecho		1				1
Apapa		1		1		2
Bardo		4	1		1	6
Bareilly		14		1		15
Barranquilla		1				1
Benin				1		1
Bere		1				1
Berta	1	19	1	2		23
Blockley		5			1	6
Bovismorbificans		7	1			8
Braenderup	1	80	1	11	6	99
Brandenburg		24	8		2	34
Bredeney		8				8
Buzu		1				1
Carrau		3			1	4
Cerro		10				10
Cerro var. 14+		1				1
Chester		11				11
Choleraesuis		1			1	2
Choleraesuis var. Kunzendorf		1				1
Coeln		2				2
Colindale		1		1		2
Concord		4				4
Corvallis		3	3			6
Cotham		2				2
Cubana		5				5
Dahlem		1				1
Dahra		1				1
Derby		33	9	2	1	45
Djakarta		1				1
Dublin		36		3	2	41
Duisburg		1				1
Durban		1	1			2

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=Pacific

Serotype	States					Total
	Alaska	California	Hawaii	Oregon	Washington	
Ealing		2			1	3
Eastbourne		3			1	4
Edinburg		3				3
Emek		1				1
Entebbe		1				1
Enteritidis	9	1259	34	79	94	1475
Florida		1				1
Gaminara	1	3			2	6
Gatuni		1				1
Georgia	1					1
Give		13	13		1	27
Give var. 15+		1				1
Glostrup		3				3
Grumpensis		1				1
Hadar		23	1	4	5	33
Hartford		10				10
Havana		13	1	1	1	16
Heidelberg	5	274	12	20	27	338
Hiduddify		1				1
Horsham		1				1
Hull		1				1
Hvittingfoss		10	1	3		14
Indiana		10			2	12
Infantis	1	97	4	7	6	115
Inganda		1				1
Irumu		1		1		2
Istanbul		1				1
Itami		1				1
Javiana		43	1	5	7	56
Johannesburg		7				7
Kedougou					1	1
Kentucky		25				25
Kiambu		11				11
Kingabwa				2		2
Kintambo		2				2
Kottbus		4				4
Lexington		1				1
Litchfield		36		2	3	41
Liverpool					1	1
Livingstone		3				3
Lomalinda	1	7		1	1	10
London		7	1	1		9
Manhattan		20				20
Mbandaka		44	4	3	3	54
Mbandaka var 14+		1				1



**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=Pacific

Serotype	States					Total
	Alaska	California	Hawaii	Oregon	Washington	
Meleagridis		4	2			6
Mgulani		1	1			2
Miami		6			1	7
Michigan		2				2
Minnesota		10				10
Mississippi		4				4
Molade				1		1
Monschau		2		1		3
Montevideo		169	6	13	15	203
Muenchen		72	24	9	4	109
Muenster		12		2	1	15
Napoli		2				2
Newport	2	443	14	14	28	501
Nima		1				1
Nottingham				1		1
Offa		1				1
Ohio		8		5	1	14
Ohio var. 14+		1				1
Onderstepoort		1				1
Oranienburg		93	5	5	8	111
Orion		2				2
Oslo	1	6	3		2	12
Othmarschen		1				1
Ouakam		3				3
Overschie		1				1
Pakistan		1				1
Panama	2	33	3	1	2	41
Paratyphi A	1	46		5	2	54
Paratyphi B	1	8		2	6	17
Paratyphi B var. L(+) tartrate+		67	2	7	4	80
Plymouth		2				2
Pomona		8				8
Poona	2	37		4	5	48
Portland					1	1
Potsdam		10	2			12
Reading	1	9		1		11
Rissen		9			1	10
Roodepoort		3				3
Rubislaw		1				1
Saintpaul	1	82	3	10	4	100
Salford		1				1
Sandiego	1	13			3	17
Schwarzengrund	2	22		1	1	26
Senftenberg	1	32	2	2		37
Singapore		2				2

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=Pacific

Serotype	States					Total
	Alaska	California	Hawaii	Oregon	Washington	
Soerenga		1			1	2
Stanley	4	110	5	10	7	136
Telekebir		15				15
Tennessee	1	11		2	6	20
Thompson		37	1	8	6	52
Tilene		1				1
Toucra					1	1
Typhi		89	4	4	5	102
Typhimurium	10	555	63	88	56	772
Typhimurium var. 5-		218	1			219
Uganda		11			2	13
Urbana		7				7
Vinohrady		1				1
Virchow		15		2	3	20
Virginia		3	1			4
Wandsworth		2				2
Weltevreden		15	29	1	2	47
Weltevreden var. 15+		1	2		1	4
Westhampton	2			1		3
Worthington		5		1		6
Yoruba			1			1
I 3,10:e,h:-		1				1
I 3,10:l,v:-		1				1
I 4,[5],12:-:1,2		2				2
I 4,[5],12:b:-		29				29
I 4,[5],12:b:- var. L(+) tartrate+				2		2
I 4,[5],12:e,h:-		1				1
I 4,[5],12:i:-	7	205	5	21	22	260
I 6,14,25:b:-					1	1
I 6,7:-:1,5		2				2
I 6,7:c:-		1				1
I 6,7:e,h:-		1				1
I 6,7:k:-		11				11
I 9,12:-:1,5		3				3
I 9,12:l,z28:-		1		1		2
I 13,23:b:-		2				2
I 43:k:-		2				2
I 47:z4,z23:-		1				1
II 30:l,z28:z6		1				1
IIIa 18:z4,z23:-		14	2		2	18
IIIa 18:z4,z32:-		1				1
IIIa 21:g,z51:-		2				2
IIIa 41:z4,z23:-		5				5
IIIa 42:z4,z23:-		1				1
IIIa 44:z4,z24:-		2				2

**TABLE 4**

**Salmonella isolates from human sources  
by serotype, geographic region and state, 2006**

Region=Pacific

Serotype	States					Total
	Alaska	California	Hawaii	Oregon	Washington	
IIIa 48:g,z51:-		4				4
IIIa 48:z36:-		1				1
IIIa 48:z4,z24:-		2				2
IIIa 51:z4,z23:-		1				1
IIIa 53:z4,z23:-		5				5
IIIa 56:z4,z23:-		1				1
IIIa 63:z4,z23:-		2				2
IIIb 11:l,[v],[z13]:z53		1				1
IIIb 35:i:z				1		1
IIIb 35:r:e,n,x,z15		1				1
IIIb 48:-:z35		1				1
IIIb 48:i:z		3				3
IIIb 50:k:z53		2				2
IIIb 50:r:z		3		1		4
IIIb 50:z52:z35		1				1
IIIb 60:r:e,n,x,z15		3			1	4
IIIb 60:z52:z53		1				1
IIIb 61:c:z35		1				1
IIIb 61:i:z53		1				1
IIIb 61:k:1,5,[7]		1				1
IIIb 61:l,[v],[z13]:1,5,[7]		7				7
IIIb 61:z52:z53					1	1
IIIb 65:z10:e,n,x,z15		2				2
IV 11:z4,z23:-		1				1
IV 16:z4,z32:-		3				3
IV 44:z4,z23:-		4				4
IV 44:z4,z32:-		2				2
IV 45:g,z51:-		1			1	2
IV 48:g,z51:-		1		1		2
IV 50:g,z51:-		4			1	5
IV 50:z4,z23:-		3				3
Partially serotyped	4	3	2		2	11
Rough, mucoid, and/or nonmotile isolates	1	36	1	6	2	46
Unknown		10	1	9		20
<b>Total</b>	<b>67</b>	<b>5151</b>	<b>288</b>	<b>405</b>	<b>393</b>	<b>6304</b>