

National Enteric Disease Surveillance: *Salmonella* Annual Report, 2012

Appendices

Title	Page
Appendix 1. Laboratory–confirmed <i>Salmonella</i> infections reported to CDC, by age group and sex, 2012	1
Appendix 2. Laboratory–confirmed <i>Salmonella</i> infections reported to CDC, by serotype and reporting jurisdiction, 2012	2–23
Appendix 3. Laboratory–confirmed <i>Salmonella</i> infections reported to CDC, by serotype and year, 2002–2012	24–48
Appendix 3a. Laboratory–confirmed <i>Salmonella</i> infections reported to CDC, by serogroup and year, 2002–2012	49–50
Appendix 4. Laboratory–confirmed <i>Salmonella</i> isolates in clinical non-human sources submitted to the National Veterinary Services Laboratories (NVSL) for typing, by serotype and source, 2012	51–56
Appendix 5. Laboratory–confirmed <i>Salmonella</i> isolates in non-clinical non-human sources submitted to the National Veterinary Services Laboratories (NVSL) for typing, by serotype and source, 2012	57–61
Appendix 6. <i>Salmonella</i> serotypes affected by naming convention changes, 2012	62–63

Recommended Citation:

Centers for Disease Control and Prevention (CDC). National *Salmonella* Surveillance Annual Report, 2012. Atlanta, Georgia: US Department of Health and Human Services, CDC, 2014.

Appendix 1. Laboratory–confirmed *Salmonella* infections reported to CDC, by age group and sex, 2012

Age Group	Sex			Total
	Female	Male	Unknown	
< 1 year	2166	2645	309	5120
1 to 4 years	3249	3779	384	7412
5 to 9 years	1737	1857	174	3768
10 to 19 years	1952	2246	230	4428
20 to 29 years	2503	2113	184	4800
30 to 39 years	2048	1749	185	3982
40 to 49 years	2321	1916	202	4439
50 to 59 years	2777	2165	236	5178
60 to 69 years	2361	1731	191	4283
70 to 79 years	1711	1205	145	3061
80+ years	1198	668	74	1940
Unknown Age	118	121	354	593
	24141	22195	2668	49004

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (AK to KS), 2012

Serotype	Jurisdiction																
	AK	AL	AR	AZ	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
Aberdeen					1												
Adelaide			6	2	11	1				3	3	1			8		
Agama					1												
Agbeni					1										17	3	
Ago					1												
Agona	3	1	2	17	58	8	3	3			5	1	7	6	15	3	4
Agouve					1												
Alabama		1															
Alachua					4	1				2	2						
Albany		2		1	2	1				1	1				2		
Albert						1					1						
Allandale											1						
Altona				2	3												
Amager					1						1	1			1		1
Amsterdam					1										1		
Amunigun		1															
Anatum		2	93	25	53	4	2			5	12	3	4	1	18	3	3
Anecho															1		
Apapa					2												
Aqua				1							2						
Arechavaleta					1										1		
Assen											1						
Baildon							1			4	2					2	
Banana							1										
Bareilly		38	41	2	24	3	18	2		2	77		1	1	26	3	2
Barranquilla		1			2						1						
Belem				1						1							
Benin					1												
Berta	1	5	4	3	25	4	3		2	2	4	5	8		27	3	5
Birkenhead					1												
Blockley		2		3	2										1		
Bonariensis					1	1					1				1		
Bovismorbificans		1			8	1		8			2				4	1	
Braenderup	2	21	23	14	165	5	5	1	2		28	6	9	1	27	2	10
Brandenburg		3		3	6	4	1	1	1		4				2	1	
Bredeney		1	1	5	9	1	3								2		
Bronx															1		
Brunei		1															
Bukavu					3												

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (AK to KS), 2012

Serotype	Jurisdiction																
	AK	AL	AR	AZ	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
Buzu											1						
California																1	
Canada					1												
Carmel					1												
Carrau				7	1		1			2	2				1		
Cerro			18	2	3	1					1				1		
Chailey					2										1		
Chester		1		1	9						3				2		
Chichiri											2						
Choleraesuis	1					1	1				2						
Choleraesuis var. Kunzendorf					2												
Concord					1	1									1		
Corvallis					5	1	3			1		1			2	1	
Cotham					4	1				1	1			1			2
Cubana				19	2					1						1	
Daytona		1															
Derby	1	4			22	1					6	4		1	7	2	
Dublin				2	38	2	2			2					1	1	2
Duisburg			1														
Durban												1					
Durham						1	1				1						
Ealing				2	2	1					1						
Eastbourne			1		3		2				1				1	1	
Enteritidis	13	167	57	106	615	102	142	30	31	33	245	98	62	41	273	20	50
Essen								1									
Florida											1						
Fluntern				1	1												
Fresno					1												
Friedenau					1												
Gambia		1															
Gaminara		6		5	1					4	11				1		
Garba															1		
Georgia						1											
Give		6	1	5	9						1	3		1	2		1
Glostrup										1	1						1
Goettingen											2						
Guinea										1						1	
Hadar	1	3	2	8	24	7	11				7		2	8	5	2	

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (AK to KS), 2012

Serotype	Jurisdiction																
	AK	AL	AR	AZ	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
Haduna															1		
Haifa			1		1												
Hannover		2															
Hartford		8	1		15		3	4	3	3	14		14		8	7	3
Havana		1			8	1					2				1	1	
Heidelberg	14	13	6	27	153	9	13	3	4	2	19	6	10	6	28	4	4
Herston					1												
Holcomb																1	
Hvittingfoss		1			10	1			1	2	2	1					
Ibadan											1						
Indiana					1												
Infantis		21	11	12	119	10	14	1	8	3	34	11	15	3	66	5	10
Inverness		6			1					5	8						
Irumu					4		1										
Isangi															2		
Itami											1						
Javiana	2	220	65	35	61	9	5		22	32	588	2	5	2	38	5	2
Johannesburg		3	1		5						2				3	1	
Kentucky				1	15	1	7				1				3	1	7
Kiambu			3	2	1						1				1		1
Kingabwa						1									1		
Kintambo						1											
Kisangani					1												
Kisarawe															1		
Kottbus					3	1											
Krefeld							2										
Lagos											1						
Larochelle			1														
Litchfield	1	4	3	1	18	1	1	1		1	4		1		12	2	1
Liverpool				2	1	1									1		
Livingstone				2													
Lomalinda					10		1			2					1		
London			1		4		4								7		
Luciana		1		1	1					1							
Magwa					1												
Manhattan				1	29		1				3				3		
Mbandaka	1	2	2	6	15	3			1		3	1		1	9	1	
Meleagridis					6	1											
Memphis											1						

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (AK to KS), 2012

Serotype	Jurisdiction																
	AK	AL	AR	AZ	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
Mgulari																1	
Miami		3	1	2	5					6	13				1	1	
Michigan					1												
Minnesota			1	3	5	1					4	1			1		
Mississippi		60	14	1	2	2	2	1			36			1		1	
Monschau				1						1							1
Montevideo	2	80	6	20	121	16	3		2	6	95	3	24	1	42	7	15
Muenchen	1	73	6	31	84	10	8			7	124	32	12	4	36	4	11
Muenster		1			6			1							4	1	
Nchanga											2						
Newholland				1													
Newmexico				2													1
Newport	1	191	184	92	357	35	46	8	32	11	522	18	33	4	91	9	34
Newrochelle											1						
Nima					2					2							
Norwich		14	13	3		1			2		8				2	1	3
Nottingham																1	
Ohio		1		3	6										9		
Okatie					1												
Oranienburg		6	8	44	51	8	16	4			16		10	3	29	8	3
Orion		2															
Oslo				1	7							5			1		
Othmarschen			1			2								1			
Ouakam						1											
Panama		2	1	25	19	2	3	2	1	2	7		2		12	1	
Paratyphi A					39		6	1			1				3		
Paratyphi B		2					3								3		1
Paratyphi B var. L(+) tartrate+	1	1	7	2	40	2	7		1	2	10	2		3	6	1	2
Pensacola		3			1						5						
Pharr											2						
Poano															1		
Pomona		1			11	2		1	1	1					1	1	
Poona		1	2	60	22	8	1			10	5		2	4	5	1	2
Potsdam					3	1					1				2		
Praha															1		
Putten			1														
Reading		1	1	1	8	1	3			1					5		
Redlands														1			
Richmond						1									1		

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (AK to KS), 2012

Serotype	Jurisdiction																
	AK	AL	AR	AZ	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
Rissen		1	1		5	3	1								3	1	
Rubislaw		13	8		2	1				12	16				2		
Saintpaul	3	20	2	22	67	16	12	1	2	9	82	3	3	2	17	6	5
Sandiego		3		10	14	4	8		2	8	6				9	2	1
Saphra					1												
Schwarzengrund		7		6	20	6	13	1	1	1	8	1	1		16	2	
Senftenberg	1	2		4	57										6	2	
Singapore				1	1				1		2						
Soerenga		1													1	1	
Stanley	1	1		11	42	4	2			1	5	2		1	25	3	
Stanleyville					1						2				1		
Suelldorf					1	1											
Sundsvall				1													
Tallahassee											1						
Telekebir					5				1		2			1	2		
Tennessee		2	1	3	3											1	
Thompson		15	4	13	124	9	11	1	2		16	1	25	3	34	8	11
Typhi		1	3	9	62	5	3	4		16	21	8	3		16	3	1
Typhimurium	4	245	107	83	506	77	74	19	10	18	250	43	120	17	227	20	57
Uccle		2															
Uganda			1	1	23	2									14	3	1
Umhlatazana																1	
Urbana		1		1	10	1				2	5					2	
Utah																1	
Vanier																1	
Virchow					12	2	2				3	1			14	1	
Wandsworth																1	
Weltevreden				2	10	2			1	1		9			4		
Wimborne																1	
Worthington			1		16						1	1			1	1	1
Wyldegreen					1												
I 3,10:-:1,5					1						1						
I 3,10:-:1,6			2														
I 3,10:e,h:-				1													
I 4,[5],12:-:1,2			18		3		2				1				1		
I 4,[5],12:b:-			2	2	37	1	4	1			6				26	5	
I 4,[5],12:d:-					3										2		
I 4,[5],12:e,h:-					2		1										
I 4,[5],12:i:-		44	29	39	299	43	22	4			52	32		8	96	9	12

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (AK to KS), 2012

Serotype	Jurisdiction																
	AK	AL	AR	AZ	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
I 4,[5],12:r:-							1										
I 6,7:-:1,5			4	3			9								2		
I 6,7:-:1,6			3														
I 6,7:e,h:-			4				1										
I 6,7:k:-			1		4										1		3
I 6,7:l,w:-							1										
I 6,7:r:-							1									1	
I 6,7:z10:-							1										
I 6,8:-:1,2			1		1												
I 6,8:-:1,5					2												
I 6,8:d:-							1								2		
I 6,8:e,h:-			2				4										
I 8,20:i:-							1										
I 9,12:-:1,2											1						
I 9,12:-:1,5			1														1
I 9,12:l,v:-															2		
I 9,12:l,z28:-			4	1	3						9				1		
I 11:r:-			1														
I 11:z10:-															1		
I 13,23:-:1,6															1		
I 13,23:b:-							3				134						
I 28:i:-					2												
I 45:b:-															1		
I 47:z4,z23:-					1												
II 9,12:g,m,s,t,e,n,x					1												
II 9,12:l,w:e,n,x		1															
II 9,12:z29:1,5		2															
II 13,22:g,m,t:[1,5]		1															
II 13,23:a:z42		1															
II 13,23:b:[1,5]:z42		14															
II 13,23:z:1,5		1															
II 21:z10:[z6]				2													
II 47:b:e,n,x,z15					1												
II 48:a:z6				2													
II 48:d:z6				1													
II 58:l,z13,z28:z6					1												
IIIa 13,22:z4,z23:-															2		
IIIa 13,23:g,z51:-											2						
IIIa 18:z4,z23:-				1	25												
IIIa 21:g,z51:-					1												

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (AK to KS), 2012

Serotype	Jurisdiction																
	AK	AL	AR	AZ	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
IIIa 21:z29:-					1												
IIIa 21:z4,z23:-															1		
IIIa 35:z29:-					1												
IIIa 35:z4,z23:-					2												
IIIa 40:z36:-					1												
IIIa 41:z4,z23:-		1			1												
IIIa 42:z4,z24:-					1												
IIIa 43:z4,z23:-					3												
IIIa 44:z4,z23,z32:-					1												
IIIa 47:g,z51:-											2						
IIIa 47:z4,z23:-					1												
IIIa 48:g,z51:-		2		3		1					2						
IIIa 48:z4,z24:-		3			4						2						
IIIa 51:g,z51:-					1												
IIIa 51:z4,z23:-											2						
IIIa 53:z4,z23:-		2			7												
IIIa 56:z4,z23:-					2												
IIIb 16:z10:e,n,x,z15				1												1	
IIIb 17:i:z35						1											
IIIb 17:z10:e,n,x,z15															1		
IIIb 21:l,v:z					1												
IIIb 38:(k):1,5,7					2												
IIIb 38:l,v:z53		1															
IIIb 42:(k):z35					1												
IIIb 47:k:z35					1												
IIIb 48:c:z					1												
IIIb 48:i:z					2												
IIIb 48:z52:z															1		
IIIb 48:z:-																1	
IIIb 50:k:z					3	1											
IIIb 50:k:z53					1												
IIIb 50:r:z				1	4												
IIIb 50:z52:z35					1												
IIIb 60:r:z					1												
IIIb 60:z52:z53					1												
IIIb 61:c:z35																1	
IIIb 61:l,[v],[z13]:1,5,[7]				1	9	2					1				1		
IIIb 61:z52:z53					3												
IIIb 65:(k):z53						1											

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (AK to KS), 2012

Serotype	Jurisdiction																
	AK	AL	AR	AZ	CA	CO	CT	DC	DE	FL	GA	HI	IA	ID	IL	IN	KS
IV 18:z36,z38:-											1						
IV 43:z4,z23:-					1												
IV 44:z4,z23:-											2				1		
IV 44:z4,z24:-					1												
IV 44:z4,z32:-					1												
IV 45:g,z51:-					1												
IV 48:g,z51:-		1															
IV 50:g,z51:-														2	1		2
IV 50:z4,z23:-					1						3				2		1
V 48:z81:-					1												
Partially serotyped	2			1	5	3	2		1	2	124		94		40		83
Rough, mucoid, and/ or nonmotile isolates			10	10	30	3	10				12				7	5	2
Unknown	1	9	134		21	25	28		16	4	245	5	72		55	2	7
Total	57	1390	935	855	3900	502	568	104	151	240	2996	312	539	129	1540	199	370

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (KY to NV), 2012

Serotype	Jurisdiction																
	KY	LA	MA	MD	ME	MI	MN	MO	MS	MT	NC	ND	NE	NH	NJ	NM	NV
Abaetetuba						1											
Aberdeen			2														
Abony							1				1						
Adelaide			1			1	1				2				2	1	
Agbeni	4					1	1								1		
Agona	2	4	10	1		8	11	6		2	6		4		7	4	1
Agoueve		1															
Alabama								1				1					
Alachua		2															
Albany							1								5		
Albert							2										
Albuquerque					1												
Altona	3		1														
Anatum	6	25	2	1		9	4	11	2		2				4	4	1
Anecho						1											
Anfo																	1
Aqua															1		
Arechavaleta			1														
Atento																1	
Augustenborg											1						
Bahrenfeld											2						
Baildon			1			2	1								1		
Bareilly	27	41	44	40		10	6	28	18		54		4	5	44	1	
Barranquilla						1		1									
Benin															1		
Bere								1									
Berkeley			1														
Berta	3		3			5	15	3	1		9		5		13	1	
Blegdam															1		
Blockley			1			1					1				4	2	
Bonariensis							1							1			
Bovismorbificans	2	1	1			2		2			1		4		4		
Braenderup	8	35	22	9		18	11	13	3		47	2	7	4	8	4	1
Brancaster											1						
Brandenburg	1		4			1	4	1			3		1	2	3	3	1
Bredeney			5			2	1	1			10				3	2	1
Cannstatt															1		
Carmel											1						
Carrau		2															
Cerro	1		1			1											

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (KY to NV), 2012

Serotype	Jurisdiction																
	KY	LA	MA	MD	ME	MI	MN	MO	MS	MT	NC	ND	NE	NH	NJ	NM	NV
Chailey							1										
Chester	1	2	1			1	1	4		1	1				2		1
Chichiri		1															
Choleraesuis											1			1	1		
Choleraesuis var. Kunzendorf			2														
Colindale			2					1									
Concord															1		
Corvallis			1				1								3		
Cotham						3	1	5			2				1		
Cubana				1		1					1					2	2
Daytona									2								
Derby		3	2	3		3	4	1	1		1	1			3		
Djakarta											1						
Dublin			1	1		3	3	2			3	1			6		1
Durham			1														
Ealing						1		2									1
Eastbourne															3		
Ebrie										2							
Ekotedo											1						
Enteritidis	104	102	271	249		297	192	116	80	15	300	14	25	51	261	31	26
Fluntern						1											
Gaminara		28							8		3				1		
Give	2	46	6				2		16		11					1	
Glostrup																	1
Hadar		1	3	1		2	7	3	2	1	3		1	1	13		
Haifa															2		
Hartford	8	1	5	1		26	13	7			4		6		1		
Havana	1					1	2	3								1	
Heidelberg	14	9	18	11		9	17	18	8	2	12	2	4		49	4	13
Herston						1								1			
Hull						1											
Hvittingfoss		18		1		2			2		1		1	1			
Idikan							1										
Infantis	10	32	21	7		20	28	9	8	2	45	1	5	1	33	3	3
Inverness		10							3		21						
Irumu								1									
Jamaica				3													
Javiana	29	94	11	70		18	15	23	146		316	4		3	57	10	2
Johannesburg			1					1			5						1

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (KY to NV), 2012

Serotype	Jurisdiction																
	KY	LA	MA	MD	ME	MI	MN	MO	MS	MT	NC	ND	NE	NH	NJ	NM	NV
Jukestown											1						
Kaapstad															1		
Kedougou							1										
Kentucky		1	4	1		1	1				1			1	7	1	1
Kiambu	1	2	1			2		1							4	1	
Kingabwa			1				1	1									
Kintambo															3		
Kisarawe											1						
Kua											2						
Lagos															1		
Lexington															1		
Lindenburg				1													
Litchfield		11	3			6	6	3	6		6	1	3	1	8		
Liverpool			1			1	1										
Livingstone		1				1											
Lomalinda																1	
Lome								1									
London			5				1				2				1		1
Luciana									3								
Macclesfield											1						
Manhattan		2	2			2	2	1			12			1	1	1	
Matadi				1													
Matopeni			1								1						
Mbandaka	1	1	4	2		12	10	8	1	1	2				7	2	1
Meleagridis	1		1			3	1		1						1		
Menston															2		
Miami			1			3					9				2		
Mikawasima			2														
Minnesota			1			1		1									
Mississippi	3	107	5	2			3	12	121		113				4		
Monschau				1		1		3							1		
Montevideo	10	161	14	1		20	29	34	26		70	1	11	4	16	11	4
Muenchen	11	62	15	6		14	12	29	40	1	44	3	2	1	22	7	2
Muenster	2		1	2			1	1					1	1	1	2	
Napoli						2											1
Nchanga															3		
Newport	83	252	57	85	1	68	68	125	171	4	463	3	33	17	119	27	3
Norwich	5		1	6			2	16	24		6				5	2	1
Ohio			3			2	1								2		1
Oranienburg	5	26	15	10		19	8	7	25		11		5	2	21	11	4

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (KY to NV), 2012

Serotype	Jurisdiction																
	KY	LA	MA	MD	ME	MI	MN	MO	MS	MT	NC	ND	NE	NH	NJ	NM	NV
Orion			1														
Oslo			3			1	1				1		1				
Ouakam											1						
Panama		1	9			6	3				3		1	5	15	1	
Paratyphi A	3		4	3		3	2				5				11	1	
Paratyphi B				6		7	2		1	1	2				1	2	1
Paratyphi B var. L(+) tartrate+	9	6	10	3			2	11			88		4		6		
Pensacola		6							1		2						
Pomona			2	3		3		2	1		1				4	5	1
Poona	4	9	2	2		3	2	6	1	1	2				2	7	
Potsdam			2														1
Putten								1									
Reading		2	1				3		1	1		2	1		4		
Richmond			3					1									
Rissen			1			1	1					1					1
Roodepoort						1											
Rubislaw	1	34	2			1		3	15		8				2		
Saintpaul	1	11	16	5		27	19	9	3	4	32	1		3	17	10	4
Sandiego	1	1	2	1		4	2	3			6			2	15	3	3
Saphra		2					1								1		
Schwarzengrund	1	3	13	1		10	2	1			3	1		1	24		1
Senftenberg		2	3			2	3		2					1		4	2
Shubra															3		
Singapore								1									
Soerenga			1														
Stanley	2	2	1			11	3	5				3	2	2	3	2	2
Stanleyville											1				1		
Telelkebir				1				1						1			
Tennessee	1					2					1			1			1
Thompson	18	25	12	19		30	15	54	2	1	16	1	14	10	34	1	2
Toucra																	1
Tucson															1		
Typhi		1	20	7		8	5	3	1		3	1		2	21	1	
Typhimurium	214	43	132	73		133	115	207	197	10	304	17	41	16	175	50	8
Uganda	5	7	1			2	2	1			2	1					
Urbana		17		1		1					2				2	3	
Virchow	1		3		1	2	7	1			2			1	2	1	
Wandsworth							1								1		
Weltevreden	1		17			1	1	2							2		

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (KY to NV), 2012

Serotype	Jurisdiction																
	KY	LA	MA	MD	ME	MI	MN	MO	MS	MT	NC	ND	NE	NH	NJ	NM	NV
Widemarsh			1								1				4		
Worthington			5					2	1	1	3				1	1	
I 3,10:-:1,5				2			2										
I 3,10:l,v:-									1								
I 3,10:l,z13:-				1													
I 4,[5],12:-:1,2				7		2	1								3	1	
I 4,[5],12:-:1,7				1													
I 4,[5],12:b:-			3			29	13	11	5	1	8				13		1
I 4,[5],12:d:-				2					1								
I 4,[5],12:e,h:-				5							3				1		
I 4,[5],12:f,g,s:-				3													
I 4,[5],12:i:-	30	28	65	55		35	67	81	19	4	90		18		52	12	6
I 4,[5],12:r:-				1							2						
I 6,7:-:1,5		5	5	10		2					8				12	1	
I 6,7:-:1,6										2							
I 6,7:-:1,7				1													
I 6,7:-:e,n,z15						1					1						
I 6,7:c:-			3			1											
I 6,7:d:-																	2
I 6,7:e,h:-		2		13							3				1	3	
I 6,7:k:-		3	1	1		2			1								
I 6,7:r:-				10		2					9					2	
I 6,7:y:-				5		1			1		2						
I 6,7:z10:-											1						
I 6,8:-:1,2				3						1	10						
I 6,8:b:-				1													
I 6,8:d:-				4					4							1	
I 6,8:e,h:-				4					1		1					1	
I 6,8:l,v:-						1											
I 8,20:-:z6			1														
I 9,12:-:1,5				5			6		2						1		
I 9,12:e,h:-				5													
I 9,12:g,z51:-				4													
I 9,12:l,z28:-			2	2				2	10							1	
I 13,22:-:1,6				2													
I 13,23:-:1,5									3								
I 13,23:b:-				2		1			1		7				1		
I 13,23:z:-				1													
I 16:b:-				1											1		
I 16:d:-		2						1									

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (KY to NV), 2012

Serotype	Jurisdiction																
	KY	LA	MA	MD	ME	MI	MN	MO	MS	MT	NC	ND	NE	NH	NJ	NM	NV
I 16:e,h:-				1													
I 28:i:-				1													
I 30:b:-				2													
I 38:k:-									1								
I 40:-:e,n,x				1													
I 45:b:-																	1
II 9,12:z39:1,7															1		
II 40:z4,z24:z39				1													
II 58:c:z6															1		
IIIa 40:z4,z23:-			1														
IIIa 40:z4,z32:-			1														
IIIa 41:z4,z23:-			2					1									
IIIa 48:g,z51:-											3						
IIIa 48:z4,z24:-								1									
IIIa 53:z4,z24:-																	1
IIIb 16:z10:e,n,x,z15		1															
IIIb 38:(k):z35								1									
IIIb 47:k:-									1								
IIIb 47:k:z35															1		
IIIb 48:-:z											1						
IIIb 48:c:z	1																
IIIb 48:i:z						1		2									
IIIb 48:r:z			2														
IIIb 50:k:z	1		1			1									1		
IIIb 60:r:z									1						1		
IIIb 61:c:z35															1		
IIIb 61:l,[v],[z13]:1,5,[7]								1									1
IIIb 61:z52:z53															1		
IV 16:z4,z24:-							1										
IV 40:z4,z24:-			1														
IV 43:z4,z23:-			2												1		
IV 44:z4,z32:-								1									
IV 45:g,z51:-		1	1														
IV 48:g,z51:-		1	1			1					1						
IV 48:z4,z32:-															1		
IV 50:g,z51:-			1					1									
IV 50:z4,z23:-		1													1		
Total	1028	1138	1019	960	231	806	697	1147	1076	104	2662	68	441	52	1334	326	114

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (KY to NV), 2012

Serotype	Jurisdiction																
	KY	LA	MA	MD	ME	MI	MN	MO	MS	MT	NC	ND	NE	NH	NJ	NM	NV
Partially serotyped	641			36	101	6	9		5	18	2	1	55	7		4	
Rough, mucoid, and/or nonmotile isolates		2	6	25		6	7	4		1	23	2	1		5	12	
Unknown	1	8	47	46	111	7	10	7	4	11	28	3	469	14	3	54	3
Total	1284	1310	997	906	215	970	804	935	1005	88	2310	68	729	165	1228	327	117

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (NY to WY), 2012

Serotype	Jurisdiction																
	NY	OH	OK	OR	PA	RI	SC	SD	TN	TX	UT	VA	VT	WA	WI	WV	WY
Abaetetuba					1										1		
Aberdeen	2														1		
Abony	1															1	
Abortusequi										1							
Adelaide	8	2	1		4	1	2					1		1	1		
Agbeni	8	7			5				1			1			4	1	
Ago	2				1												
Agona	30	12	3	7	16	1	5	3	4	25	5	7		9	10		
Agoueve			1											1			
Alachua	1		1		2									1			
Albany		1			1	2						1					
Albert																1	
Altona	1						1										3
Amsterdam					1												
Anatum	11	9	2		5		9	1	4	39	2	4		11	3	4	
Anecho						1										1	
Anfo	1																
Apapa		2															
Aqua							3										
Arechavaleta	2		3														
Baildon	2	5										1		1	1		
Bareilly	93	4	11	6	47	6	22		42	1	1	61		7	28	4	
Barranquilla	4			1													
Bassadji												1					
Beaudesert	1																
Belem						1											
Benin												1					
Berta	33	7	5		23		13		11	15	2	16		4	10	3	
Blockley	6			1	1										1		
Bonariensis	2											1			1		
Bovismorbificans	9	12			3	1	11	2	1					1	7	1	
Braenderup	45	36	35	10	27		24	3	9	63	7	21		21	12	4	
Brandenburg	10	1							2	1		3		3	2	1	
Bredeney	5	3		1	2	1				1		3		3	1		
Brijbhumi			1														
Buzu							4										
Carmel					1									2			
Carrau			1		1		14										
Cerro	3				5				1			3		1	1		

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (NY to WY), 2012

Serotype	Jurisdiction																
	NY	OH	OK	OR	PA	RI	SC	SD	TN	TX	UT	VA	VT	WA	WI	WV	WY
Chailey			1		1										3		
Charity																1	
Chester	9	2		2	4				1		1			1			
Chichiri									1								
Chincol												1					
Choleraesuis										3							
Choleraesuis var. Kunzendorf	2																
Clackamas				2													
Coeln				1	2									2			
Colindale	1	1															
Concord	1			1	1				1			1					
Corvallis	6			1													
Cotham	5	1			2		1		3			2		3	6		
Daytona									1			3					
Derby	15	1	1		2	1	6	1	1	6		3		2	4		
Dublin	7	1		4	5		6	5			2	1		3	7	1	1
Durban	5	2							1								
Durham															1		
Ealing	4				1	1						1					
Eastbourne	7		1	1								1		1	2		
Enteritidis	690	246	99	73	468	35	184	19	114	261	52	248		147	211	44	1
Fischerstrasse												1					
Florida							2										
Fluntern		1															
Friedrichsfelde		1															
Gaminara	2			1	3		15		2		1	1		1	1		
Give	3			2	6		7		3	11	1	1		1	1		
Glasgow								1									
Goldcoast														1			
Guildford	1																
Hadar	50	9	2	11	10		1	1	6	6	5	4		13	5	3	
Haifa														1			
Hartford	14	32	1	1	6		12	2	8			8			12	2	
Havana	4											1				1	
Heidelberg	111	21	4	58	44	2	20	4	25	43	14	19		87	16	4	
Herston						1											
Holcomb	1	1															
Horsham		1															

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (NY to WY), 2012

Serotype	Jurisdiction																
	NY	OH	OK	OR	PA	RI	SC	SD	TN	TX	UT	VA	VT	WA	WI	WV	WY
Huettwilen												1					
Hull	1																
Hvittingfoss	6		6		3				1			2					
Indiana				1											1		
Infantis	75	43	29	16	36	3	32	3	21	182	8	33		28	41	7	
Inverness	2				1		29					2					
Irumu														1			
Isangi				1													
Javiana	62	23	9	4	60		441	2	89	152	9	105		9	23	4	
Johannesburg	8	2		1	6				1		1	3		3	1		
Kedougou		1															
Kentucky	38	2		1	10		3					2		2	1		
Kiambu	5		5						2			1		1	3		
Kingabwa		1															
Kintambo	1	1		1	3										1		
Kottbus																	1
Lagos	1																
Larochelle															1		
Lattenkamp														1			
Lawndale			1														
Lerum																1	
Lille		2			1												
Litchfield	16	10	20	1	25		2	2	3	1		14		1	12	1	
Livingstone	1	1			1										4		
Lomalinda	1			2	2	2					1	1		1	4		
Lome							1										
London	3								2			2		1			
Luke					1												
Manhattan	2	3	2		4		3		2			1		2	1		
Matopeni	1																
Mbandaka	15	5		5	18			2	2	5		2		7	10	1	
Meleagridis	3					1								2			
Miami	7	3			1		23		4			2			1	1	
Michigan				1													
Mikawasima	1											1					
Minnesota	4		1									1					
Mississippi	12	3	14		7				46	79	1	3					
Molade							1										
Monschau		1		1	3												

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (NY to WY), 2012

Serotype	Jurisdiction																
	NY	OH	OK	OR	PA	RI	SC	SD	TN	TX	UT	VA	VT	WA	WI	WV	WY
Montevideo	40	25	14	12	30	1	72	3	11	75	5	19		17	14	10	
Muenchen	37	26	7	5	26	8	103	2	13	43	5	18		8	24	3	
Muenster	11	6			4	1			1			1			2		
Napoli	1			1													
Nchanga	8				1		8								2		
Newport	165	114	130	8	220	11	383	10	172	378	20	124		39	68	26	
Nima	2	2												1			
Norwich	6	2	18		10				24			7			1		
Oakland														1			
Ohio	7				2		2								3		
Okatie	2														1		
Oranienburg	76	44	9	9	27	2	19	6	8	120	1	20		16	16	10	
Orion	1											1					
Oslo	3					1								5			
Panama	21	6		2	5		1		1		2	3		6	1	1	
Papuana	1																
Paratyphi A	28	1		2	4		5		3	6		4		14	1		
Paratyphi B		1	1					1	2	2				3		9	1
Paratyphi B var. L(+) tartrate+	16	60	67	7	25		22	2	5	50	3	7		7	1		
Pensacola							1		1			2			1		
Pomona	10	2	1	1	5		3		1			3		1	2	2	
Poona	24	3	4	3	13		1		7	43	3	3		9	2	1	
Portland														1			
Potsdam	14	1												1			
Putten		2															
Reading	5			2	5		2		2					3	2		
Richmond	1				2							2					
Ridge	1																
Rissen	2	2					1				1	2			1		
Rubislaw		2	5	2	3		5		1	1				2			
Saintpaul	61	22	5	3	37	4	68	1	8	70	8	33		7	15	1	
Sandiego	36	4			12	2	6	1	4	1	1	9		7	1		
Sapele	1																
Saphra					1									1			
Schwarzengrund	111	2	2		9	2	1		1		1	12		1	3	2	
Senegal	1																
Senftenberg	12	1	2	2	4	3	2		1	9	3	5		2	3	1	1
Shubra	2																

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (NY to WY), 2012

Serotype	Jurisdiction																
	NY	OH	OK	OR	PA	RI	SC	SD	TN	TX	UT	VA	VT	WA	WI	WV	WY
Singapore	2											1					
Soerenga		1															
Solt	1																
Stanley	16	3	2	5	8		1	1	2	8	3	2		22	4	1	
Stanleyville	1																
Stellingen		1															
Stuttgart			1														
Sundsvall	2																
Takoradi	1																
Tallahassee	1											1			1		
Telelkebir				3	1									5			
Tennessee				1	1		2		1			4		4	1		
Thompson	96	28	13	8	38	8	7	3	7	32		15		19	17	1	
Tsevie														3			
Typhi	86			2	14	1	3		3	1		8		14	5		
Typhimurium	304	210	96	50	293	11	157	61	177	214	37	211		87	139	44	1
Uganda	4		17	2	1				3			3		2	2		
Urbana	2	3			5				1								
Victoria					1												
Virchow	9	8	7	7	3	1	2		1			3		32	3		
Weltevreden	6	5		3						1	3	3		1	1		
Widemarsh	24				2												
Worthington			5		1	1	2					3		3	2		
Yoruba	3																
I 3,10:-:1,5				2													
I 3,10:-:1,6												1					
I 3,10:e,h:-	1																
I 4,[5],12:-:1,2					1							3					
I 4,[5],12:b:-	28			3	3				1			3			2		
I 4,[5],12:e,h:-					5							1					
I 4,[5],12:i:-	81	70		12	94	5	16		53	2		46		26	65	24	
I 4,[5],12:r:-	2											1					
I 6,7:-:1,5	1											3					
I 6,7:e,h:-	1				1												
I 6,7:r:-												2					
I 6,7:y:-												1			1		
I 6,8:-:1,2	3											1					
I 6,8:d:-	1														1		
I 9,12:-:1,5	2											1					

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (NY to WY), 2012

Serotype	Jurisdiction																
	NY	OH	OK	OR	PA	RI	SC	SD	TN	TX	UT	VA	VT	WA	WI	WV	WY
I 9,12:l,z28:-							20		1								
I 13,23:b:-	2				1		4					6			2		
I 13,23:z:-					1												
I 47:z4,z23:-					1												
II 9,12:a:1,5						1											
II 30:l,z28:z6					1												
II 48:a:z39					1												
IIIa 13,23:g,z51:-					1												
IIIa 18:z4,z23:-														1			
IIIa 41:z4,z23:-	1				1									1			
IIIa 41:z4,z32:-												1					
IIIa 42:z4,z24:-												1					
IIIa 47:z4,z23:-									1								
IIIa 48:g,z51:-					1							2					
IIIa 48:z4,z24:-				2													
IIIa 50:z4,z23:-				1													
IIIa 56:z4,z23:-	1																
IIIb 38:i:z	1																
IIIb 47:k:z35												1					
IIIb 48:i:z									1								
IIIb 48:k:z53									1								
IIIb 50:k:-		1															
IIIb 50:k:z				1													
IIIb 50:r:-				1													
IIIb 50:r:z					1				1								
IIIb 53:-:z53					1												
IIIb 53:k:z				1													
IIIb 53:z10:z35											1						
IIIb 61:-:1,5,[7]					1												
IIIb 61:i:z														2			
IIIb 65:(k):z												1					
IIIb 65:z10:e,n,x,z15					1												
IV 41:z4,z23:-					1												
IV 43:z4,z32:-					1												
IV 44:z4,z23:-					1												
IV 45:g,z51:-												2					
IV 48:g,z51:-		1			4									1			
IV 50:g,z51:-	1				2							1					
IV 50:z4,z23:-	1	1			1							1					

Data in this report current as of 07/25/2014

Appendix 2. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and reporting jurisdiction (NY to WY), 2012

Serotype	Jurisdiction																
	NY	OH	OK	OR	PA	RI	SC	SD	TN	TX	UT	VA	VT	WA	WI	WV	WY
Partially serotyped	5	4	62		2		151	3	18	317	2		60	2	3	1	30
Rough, mucoid, and/or nonmotile isolates	13	9		2	28	2	7					14			2		
Unknown	150	784	2	3	73		113	16	11	3359	80	104	3	10	95	13	31
Total	3042	1979	730	387	1925	125	2087	161	964	5627	292	1323	63	776	968	244	66

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Aarhus	7	9	3	5	6	6	6	4	3	1		50
Aba		1			1		1			1		4
Abadina	2											2
Abaetetuba	3	1	1		3	3	1	5	3		3	23
Aberdeen	3	3	6	6	10	13	6	14	7	6	6	80
Abony	9	9	10	2	8	3	3	3	6	4	4	61
Abortusequi								1	1	2	1	5
Adelaide	66	60	76	71	70	59	68	43	81	95	64	753
Adime		1										1
Aequatoria			5	2								7
Africana			1									1
Afula			1									1
Agama	5	4	2	8	4	2		7	2	2	1	37
Agbeni	4	7	72	15	15	16	16	15	23	39	55	277
Ago					1	4	4	14	7	4	4	38
Agodi	1											1
Agona	340	523	407	369	538	512	610	392	509	505	339	5044
Agoueve	6	2	2	3	3	2	1	3	4	7	4	37
Ahoutoue						1						1
Ahuza								1				1
Ajiobo	2	1	1		1				1			6
Alabama	3		3	3	5				2	4	3	23
Alachua	16	10	28	21	18	19	14	24	18	14	16	198
Alagbon			1	3			1					5
Albany	15	25	43	39	36	39	23	31	30	30	21	332
Albert				1				3	1	3	5	13
Albuquerque	1									1	1	3
Allandale			1					2			1	4
Allerton			1									1
Altona	3		2	1	4	6	6	10	14	77	14	137
Amager	2	3	18	5	4	4	9	5	8	2	5	65
Amherstiana					1							1
Amounderness							1					1
Amoutive					1	2	2	2	1			8
Amsterdam	10	6	4	4	4	2	2	7	4	7	3	53
Amunigun											1	1
Anatum	222	187	261	203	254	210	219	227	227	302	403	2715
Anecho	5	2		2	3	9	9		2		4	36
Anfo				1	1	2	2	1	1	2	2	12
Antsalova	1		1									2
Apapa	10	3	12	7	7	13	8	5	5	3	4	77

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Apeyeme			1	2				2	1			6
Aqua		1	2	2	3	1	1	4	3	7	7	31
Arapahoe	1											1
Arechavaleta	6	3	14	4	2	13	9	14	12	9	8	94
Assen	1			1			1			2	1	6
Assinie					4							4
Atento											1	1
Ati			2									2
Augustenborg				1			2	1		1	1	6
Avignon					1							1
Avonmouth	1									1		2
Ayinde									1			1
Azteca				1			1					2
Babelsberg			2							1		3
Bahrenfeld					1				1		2	4
Baildon	14	12	7	33	14	17	9	12	88	26	24	256
Ball						1			3	1		5
Banana		3		2	1					2	1	9
Bandia			1									1
Bareilly	183	240	232	201	256	249	224	284	339	429	895	3532
Barranquilla	1	3	3	1	5	6	26	2	4	11	11	73
Bassa		1										1
Bassadji			1								1	2
Beaudesert		1			3	2	3	3	5	1	1	19
Belem		3	1						1	1	3	9
Benin				1	6		1		1	4	3	16
Bere		1		2	7	7	11	3	2	1	1	35
Bergen		1			1					1		3
Berkeley											1	1
Berta	300	201	409	209	252	191	188	183	264	321	301	2819
Bietri							1					1
Bijlmer				2								2
Binningen			1									1
Birkenhead		4	5	2		1	3	4	3		1	23
Bispebjerg		1										1
Blegdam	3	2	8	4			1	1	2	1	1	23
Blijdorp		1										1
Blockley	41	119	112	54	66	71	55	56	37	28	26	665
Bobo				1								1
Bochum		1										1
Bolombo										1		1

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Bonames		1										1
Bonariensis	6	4	3	1	2	4	5	2	1	6	10	44
Bonn			2		1			1				4
Bournemouth	1	2	1	2	1	2	1	1	1			12
Bouso				3	1				2			6
Bovismorbificans	74	69	110	73	71	47	76	62	67	110	90	849
Bracknell	1											1
Bradford	2	3	1		1	1		1	1	1		11
Braenderup	389	553	684	603	561	589	658	720	731	739	830	7057
Brancaster		1									1	2
Brandenburg	140	116	80	134	94	73	79	87	63	68	73	1007
Brazil		2	2	2	3	3	4	1	1	1		19
Brazos									1			1
Brazzaville		1		2	3	1	1	1		1		10
Bredeney	41	56	27	26	27	23	28	25	37	29	67	386
Breukelen						1						1
Brezany	2	1		1			1					5
Brijbhumi											1	1
Bron			3		1		1					5
Bronx						1					1	2
Brooklyn		1										1
Bruck								1	1			2
Brunei			3	2			1		1	2	1	10
Bsilla	1		3	1			2					7
Budapest						1						1
Bukavu		1				2	1			1	3	8
Bukuru			1									1
Burgas						1						1
Burundi							1					1
Butantan	1			1				1				3
Buzu		1			2	2			1		5	11
California		5	1		2		1	1			1	11
Canada	1	1	1	1							1	5
Cannstatt	3	1			1		2	15	3	6	1	32
Caracas	1				1		1			2		5
Carmel	9		9	4	1	4	2	2	4	1	5	41
Carrau	3	7	8	9	10	1	7	64	31	20	32	192
Cerro	39	31	22	26	35	31	48	26	29	18	43	348
Ceyco	1											1
Chailey	1	1	3	2			2	3	11	7	9	39
Chandans	3		1	5	1	1	1	1	1	1		15

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Charity								1	1		1	3
Chester	23	51	15	15	29	31	27	41	86	64	51	433
Chicago	1	1			1	2			1			6
Chichiri		1							4		4	9
Chile							1					1
Chincol		1		2	1				2	1	1	8
Chingola						1						1
Chittagong				7								7
Choleraesuis	11	13	17	7	12	15	18	22	8	14	11	148
Choleraesuis var. Decatur	3		1					2				6
Choleraesuis var. Kunzendorf	8	6	9	6	11	10	4	9	4	3	6	76
Clackamas	6	4	1	1	1	2	5		5	6	2	33
Claibornei			1		1							2
Cleveland			1					1				2
Coeln	3	2	3	2	4	4	6		4	2	5	35
Colindale	5	8	3	4	13	5	6	7	4	5	5	65
Colorado		1										1
Concord	1	3	4	6	17	20	31	38	18	7	9	154
Corvallis	1	3	4	13	23	22	30	13	23	19	26	177
Cotham	3	6	5	9	12	15	22	20	23	25	45	185
Cremieu				1								1
Croft					1							1
Cubana	21	24	18	13	17	25	9	20	33	15	30	225
Cuckmere			1		1							2
Cullingworth				6			1					7
Curacao				1					1			2
Cyprus										1		1
Daarle			1	1			1					3
Dahlem					1							1
Dahomey		1										1
Dahra	1	1		2	2	1		1	1	1		10
Dakar						1						1
Damman			1									1
Daytona	4	10	10	5	5	1	3	2	7	10	7	64
Denver	2	5	1	5	1	3	6	3	3	5		34
Derby	169	125	137	123	139	148	143	131	134	114	113	1476
Diguel	2	1		1								4
Diourbel				1								1
Djakarta					1						1	2

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Djugu			2	1	2	2	2					9
Doncaster		1										1
Doorn					1							1
Doulassame				1								1
Dublin	83	65	73	55	88	109	111	103	125	102	114	1028
Duisburg	2	2			1	2	5	3	3	4	1	23
Durban	1	3	16	6	11	12	7	17	6	5	9	93
Durham	4	4	3	8	4	1	3	4	4	3	5	43
Duval	1		1		1			1				4
Ealing	10	12	13	27	12	28	25	33	26	24	17	227
Eastbourne	18	18	8	30	16	16	27	15	13	19	25	205
Eboko								1				1
Ebrie	1	1					1	1			2	6
Echa		1		1								2
Edinburg	5	20	27	20	17	8	7	10	3	1		118
Edmonton				1								1
Ekotedo											1	1
Ekpoui	1							1				2
Elisabethville			1			2				1		4
Elokate		1										1
Elomrane	1	1	3			1						6
Emek	2	11	6	7	3	7		3				39
Emmastad								1				1
Entebbe		1	1		3	6			1			12
Enteritidis	5144	4914	5028	6732	6740	6152	7225	7144	8915	7553	7111	72658
Enugu							1	1				2
Epicrates	1											1
Eppendorf			1		2	1	5			1		10
Escanaba	1					1						2
Eschberg										1		1
Eschweiler				1								1
Essen		1	2	1	1	5	1		2		1	14
Falkensee		1		4		1		1	1			8
Fann	1			1								2
Farmsen	1	1	1	1			1					5
Farsta	4		1		1							6
Fayed		1		1	1							3
Fillmore	1						1					2
Fischerkietz					1							1
Fischerstrasse	1					4	1	3			1	10
Fitzroy			1									1

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Florida	2	3	1	6	3	7	1	8	5	3	3	42
Fluntern	2	5	8	3	3	5	6	7	8	9	4	60
Fomeco				1								1
Frankfurt								1		1		2
Freefalls								1				1
Freetown		6	2	11			1	2		1		23
Freiburg		1					1					2
Fresno	1					1	4	4		1	1	12
Friedenau	1	1			1						1	4
Friedrichsfelde			2	1	1	1	1		1		1	8
Frintrop					1					1		2
Fulica				1								1
Fyris				1	2							3
Gabon	1											1
Galiema		1	1					1		1		4
Gambia				1							1	2
Gaminara	44	86	134	99	77	79	84	62	62	100	95	922
Garba										1	1	2
Garoli					1							1
Gatow	1			2		2		2	1			8
Gatuni		3	3	1	2	3	3	2	2	4		23
Georgia	3	2	2	1	6	5	2		1	1	1	24
Gera		1										1
Give	61	100	107	103	124	112	118	111	104	120	149	1209
Glasgow						2					1	3
Glostrup	2	2	2	10	5	5	5	3	2	5	4	45
Gnesta			1			2	2					5
Goettingen	2	1	2			3	3	1	2	2	2	18
Goldcoast			1	2		1			4	1	1	10
Goma		1										1
Gombe			1				1					2
Gouloumbo								1				1
Goverdhan						1						1
Grandhaven					1							1
Grumpensis		1		102	9	2	2	3	1	2		122
Guildford						1		2			1	4
Guinea			1	3	1	3	2	1		2	2	15
Gwale					1							1
Hadar	366	295	338	214	283	289	313	272	224	205	244	3043
Haduna									1		1	2
Haifa	6	3	5	5	5	5	5	6	4	7	5	56

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Hannover			1								2	3
Harburg	1	1			1							3
Harcourt					1							1
Harrisonburg			1									1
Hartford	198	188	190	239	199	197	211	184	252	241	253	2352
Hatfield		1							1			2
Hato	1	1	2		4	2	4	1	1	1		17
Havana	28	29	32	26	37	35	54	58	41	29	28	397
Hayindogo	1											1
Heidelberg	1985	1845	1758	1905	1495	1610	1284	1411	1099	1103	983	16478
Hemingford			1									1
Herston	1	2	2	2	2	1	2	3	3	2	4	24
Hessarek		1										1
Hidalgo			1					1	1			3
Hiduddify	1	2			1					1		5
Hillegersberg	1	1			1		1					4
Hillingdon				1					2			3
Hindmarsh	2	5	12	5	5		3	3				35
Hofit				1	2		1	1				5
Hoghton			1		1							2
Holcomb	4	1		2	3	5	5	3	3	3	3	32
Homosassa							1					1
Horsham		1			1		1				1	4
Huettwilen											1	1
Hull	1	2		3	3	5	8	1		1	2	26
Hvittingfoss	44	32	34	36	45	55	46	53	119	72	62	598
Ibadan	10	17	5	9	3	2	3		4		1	54
Idikan	1	1		1		2	3			3	1	12
Ikeja									1			1
Ilala			1				1	1				3
Indiana	24	43	18	17	28	11	15	3	6	8	3	176
Infantis	472	570	588	506	491	540	639	633	813	910	1128	7290
Inganda		2	1		1	2		2	2			10
Inpraw		1										1
Inverness	30	30	49	44	49	58	47	55	50	63	88	563
Irenea		1										1
Irumu	2	9	13	9	9	5	10	8	3	2	7	77
Isangi	1	4	3	4	1	4	5	1	1	1	3	28
Israel		2	1		1	4			1			9
Isuge	1											1
Itami	3	8	7	10	1	1		1		1	1	33

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Ituri	1		1	1	1	1	2	1	5			13
Jaffna						1						1
Jamaica							1				3	4
Jangwani	3		4	4		8	2	5		2		28
Javiana	1201	1718	1776	1324	1433	1331	2138	1997	3020	2937	2883	21758
Jedburgh				1								1
Jericho				1								1
Jerusalem	1	1			1							3
Joal	2	2	4			1						9
Jodhpur	1		1				1					3
Johannesburg	20	17	40	44	22	38	29	51	40	68	49	418
Jos				2								2
Jubilee			1		1							2
Jukestown					1						1	2
Kaapstad		2	1						1		1	5
Kaduna				1								1
Kalamu					1			2				3
Kalina				1								1
Kallo					1							1
Kambole		1										1
Kampala								1				1
Kande	3											3
Kandla	1											1
Kanifing								1				1
Kapemba			1		1							2
Kedougou	1		3	4	4	1	2	2			2	19
Kentucky	69	59	56	81	123	96	93	73	94	101	114	959
Kiambu	41	84	31	53	65	34	81	91	69	90	38	677
Kibi										2		2
Kimberley				1								1
Kimuenza	1			1	1	1				1		5
Kingabwa	11	4	7	11	4	8	6	6	4		6	67
Kingston	1		1	1		2	5	1	2	1		14
Kinondoni	1											1
Kintambo	9	10	16	5	15	8	13	10	5	10	11	112
Kirkee					2							2
Kisangani				2	1		1	1	1	2	1	9
Kisarawe	2		1	1		3	1	2	2	3	2	17
Kisii						1	1					2
Kivu					1					2		3
Koketime							3					3

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Korlebu					1							1
Kortrijk					1							1
Kottbus	19	8	8	8	15	13	18	5	9	13	5	121
Kotu			1	4								5
Kouka								5				5
Krefeld	2	1		1			2	2			2	10
Kua		3	2			1	3	1	1	1	2	14
Kumasi							2		1			3
Kunduchi							1					1
Kuru									1			1
Labadi							1					1
Lagos	1	1	2		1	4	1	1	3	4	3	21
Landwasser							3					3
Lansing			2			1		3				6
Larochelle	8	4	6	2	2	3	4	2	2	1	2	36
Lattenkamp				1		1	3	3	1	3	1	13
Lawndale											1	1
Lawra									1			1
Leeuwarden		1										1
Lerum											1	1
Lexington	1		5	1	2	4	1	2	6	3	1	26
Lika		4										4
Lille	1		1			1					3	6
Limete				1	1		3					5
Lindenburg	2	3	2	4	3	2	3	1	1	2	1	24
Lindern	1											1
Litchfield	130	172	160	141	208	241	342	264	199	231	213	2301
Liverpool		1	3	4	2	3	5	14	12	8	8	60
Livingstone	9	2	3	7	9	9	7	18	20	15	11	110
Llandoff		1										1
Loanda		1	2	2	2	3		1				11
Lockleaze	1			1	2	1			1			6
Lomalinda	25	12	15	18	20	12	15	18	31	21	29	216
Lome		1					1	1	1		2	6
Lomita	2	6	4			1	4	1	1	1		20
London	22	45	28	30	37	176	26	20	31	27	34	476
Loubomo										1		1
Louga		1										1
Lowestoft		1										1
Luciana	6	4	4	4	3	9	5	5	3	4	7	54
Luke										1	1	2

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Macallen						1						1
Macclesfield											1	1
Madelia	4	6	6	6	11	11	9	20				73
Madison							1					1
Madras				1								1
Magwa											1	1
Malika				1								1
Malstatt				2								2
Manchester		1					1					2
Manhattan	89	54	80	58	79	55	106	78	92	82	81	854
Mapo		1										1
Mara				1								1
Maracaibo	2											2
Marburg		1										1
Maricopa							3		1			4
Massenya		1										1
Matadi	5	4	2	2		2	2		2	1	1	21
Matopeni					3	1	1		1		3	9
Maumee			1			1		4				6
Mbandaka	171	173	164	190	241	231	225	215	251	188	169	2218
Meleagridis	6	14	8	12	20	27	9	16	13	16	21	162
Memphis			2		1						1	4
Menden					1				1			2
Mendoza		1	8	2								11
Menston		2			1	1	1			2	2	9
Mgulani		1			2	1		1		2	1	8
Miami	130	66	103	82	64	97	91	109	152	105	89	1088
Michigan		2	6	1	4	7	3	6	5	2	2	38
Mikawasima	5	4	1	1	6	2	1	1	1	1	4	27
Mim			1									1
Minnesota	35	25	35	55	57	34	21	27	18	22	25	354
Mississippi	315	451	558	566	604	472	434	445	475	549	655	5524
Mkamba			1									1
Molade		2		2	3	2	2	2	2	1	1	17
Mons	1						1					2
Monschau	5	13	21	14	10	11	13	21	23	15	14	160
Montaigu										1		1
Montevideo	728	890	874	809	1061	1003	1094	1264	1067	1196	1203	11189
Montreal				1						1		2
Morehead							2					2
Mornington					1							1

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Morocco	1											1
Morotai			1									1
Moscow					1							1
Mountpleasant		1		1		1	1					4
Mowanjum							1					1
Mpouto								1				1
Muenchen	607	798	749	739	766	999	890	819	833	984	1042	9226
Muenster	51	79	61	94	96	72	72	48	44	50	51	718
Mundonobo				1								1
Nagoya	1	1		2	2							6
Napoli	1		1	6	3	1	1	2	2	6	5	28
Narashino				1						1		2
Nchanga		2			1	1					24	28
Nessziona			1	1	3	1				1		7
Neudorf					1	1						2
Neukoelln			1									1
Newholland				2					1		1	4
Newmexico	2	10	3	3	2	1	8	5	4		3	41
Newport	4300	4042	3361	3327	3402	3653	3846	3833	5067	5211	5115	45157
Newrochelle											1	1
Newyork						1						1
Ngili	2											2
Nieukerk		1										1
Nigeria		1	2			1	1	3				8
Nima	13	2	5	8	15	8	11	5	4	7	9	87
Nitra		2				1		1		1		5
Norwich	106	121	106	91	119	118	135	120	156	197	183	1452
Nottingham	1	11	1	4	2	4	3	2	2	2	1	33
Nyanza	1		1			1		1	1			5
Nyborg		1				1						2
Oakland	1	3				1	5	1	2		1	14
Obogu		2							3	1		6
Offa	1			1	1	2	2	4	3			14
Ohio	58	49	74	88	68	50	38	56	61	65	42	649
Ohlstedt			1									1
Okatie		4			2						4	10
Oldenburg	1	1				1						3
Onderstepoort	2	2			1							5
Onireke								2	1	1		4
Ontario										1		1
Oranienburg	609	600	497	595	728	695	656	900	663	721	758	7422

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Orientalis	1	8	2				3	1				15
Orion	1	5	5	2	5	7	3		2	4	5	39
Oritamerin	1		3	2	1					2		9
Os					1							1
Oskarshamn						1						1
Oslo	19	21	25	30	23	20	38	32	31	24	30	293
Othmarschen	17	17	23	20	11	16	16	12	3	8	4	147
Ouakam		1			4					3	2	10
Overschie	1	2		3	3	2	2	1		1		15
Oxford			1		1							2
Oyonnax				2								2
Panama	153	184	150	149	199	177	174	159	195	181	172	1893
Papuana							3			1	1	5
Paratyphi A	107	110	145	121	182	191	140	179	188	182	150	1695
Paratyphi B	124	215	237	105	138	151	85	46	92	82	52	1327
Paratyphi B var. L(+) tartrate+	441	342	354	460	417	412	477	436	451	431	498	4719
Paratyphi C			2	1	1	1				2		7
Patience	1											1
Penarth					1							1
Pensacola	8	2	4	14	13	12	12	9	15	25	23	137
Pharr								1			2	3
Ploufragan										1		1
Plymouth				4	2	1	1	1				9
Poano	8	9	6	6	5	2		3	4	6	1	50
Poitiers				1								1
Pomona	61	68	70	68	91	65	87	80	49	73	72	784
Poona	283	211	234	196	204	251	508	238	271	277	280	2953
Portland			1		2		1				1	5
Potengi							1					1
Potsdam	4	9	4	4	18	17	23	31	16	21	26	173
Powell					1							1
Praha		1		1	1	1	1	1	3		1	10
Preston							1		1			2
Putten	4	12	4	9	2	5	10	25	5	12	4	92
Quiniela			2						1			3
Reading	81	90	74	55	51	58	46	53	34	43	57	642
Rehovot		1										1
Redlands		1			1						1	3
Remo			1		2	1		1				5
Rhone						1						1

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Richmond	11	6	6	8	9	12	2	8	14	5	11	92
Ridge	1					1					1	3
Riggil									1			1
Rissen	7	7	7	6	18	11	30	127	16	24	29	282
Rittersbach	1	1										2
Riverside				1			1					2
Romanby	1	1	1	3	1	1	1	2	1			12
Roodepoort	2	6	3	3	9	1		2	1	1	1	29
Rovaniemi					1							1
Rubislaw	83	103	104	100	96	129	120	89	145	180	141	1290
Ruiru				1								1
Ruzizi	1											1
Saarbruecken	1				3		1		3			8
Saintemarie			1			1	1					3
Saintpaul	548	838	695	685	588	520	1831	854	890	709	777	8935
Salford					1		1					2
Sandiego	148	126	112	139	221	200	133	142	156	142	194	1713
Sangalkam			1									1
Sangera	1							1		5		7
Sanjuan					1	1						2
Sanktgeorg					2							2
Sapele	1										1	2
Saphra	4	12	4	5	1	1	7	2	3	2	7	48
Schwarzengrund	99	181	148	139	174	307	333	348	395	264	291	2679
Schwerin				1								1
Sekondi		1										1
Selby			1									1
Sendai	1											1
Senegal	1	1								2	1	5
Senftenberg	128	99	104	112	113	168	206	155	128	133	142	1488
Seremban	1		2	1					1			5
Shipley			2		1	1						4
Shubra	7	3	2	2	3	2	12	5	3		5	44
Simi	1				2	1						4
Singapore	2	2	10	5	7	8	13	9	7	9	9	81
Sinstorf		2	1		1		1			1		6
Soahanina				1								1
Soerenga	1	1	3	1	3	7	5	5	4	4	5	39
Solt											1	1
Somone	3				1							4
Southbank							1					1

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Spalentor			2									2
Splott				1					1			2
Stachus			1	1		1						3
Stanley	177	227	189	224	315	258	218	165	233	210	214	2430
Stanleyville	18	3	6	7	5	6	10	9	4	5	7	80
Stellingen		1	1								1	3
Sternschanze						1						1
Stockholm				1		1						2
Stoneferry		1	1					1				3
Stormont		1								1		2
Stourbridge				1								1
Strasbourg			1									1
Stuttgart											1	1
Suberu		1		1	1							3
Suelldorf		2	1		1	2	1	3		1	2	13
Sundsvall	7	11	6	9	3	3	6	3	2	5	3	58
Szentes	1											1
Tabligbo				1		1						2
Takoradi	1	6	5		4	1	5	6	2	4	1	35
Tallahassee	4	8	3	7	11	7	4	5	6	2	4	61
Tamberma					1					1		2
Tampico	1											1
Tanger		2										2
Tanzania					1							1
Tarshyne									1			1
Teddington	1									2		3
Tees									2			2
Teitelkebir	11	21	29	45	53	68	28	26	28	16	23	348
Teltow		1										1
Tennessee	36	42	57	132	311	616	125	65	32	29	30	1475
Tennyson										1		1
Texas				1					2	1		4
Thompson	442	509	495	428	447	414	412	478	482	536	823	5466
Tiko						1						1
Tilene	2	4		1	1			1	1	1		11
Tokoin		2		1					2			5
Tornow		2	3		1				2			8
Toucra	2	2	3	2	1				1		1	12
Trachau		1										1
Travis			2					1				3
Treguier					1							1

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Tripoli			2									2
Troy									1			1
Tschangu								1				1
Tsevie											3	3
Tshiongwe	2	2	1	4	3				2			14
Tucson	1		1	4		4	2	4	2	2	1	21
Typhi	293	362	306	350	413	450	478	432	479	383	365	4311
Typhimurium	7140	6770	6855	6987	6866	6279	6524	6120	6129	6131	5704	71505
Tyresoe			1		1		1					3
Uccle		1					1	1		1	2	6
Uganda	64	61	46	47	59	73	67	51	73	84	100	725
Ughelli				2								2
Umbilo					1					1		2
Umhlatazana											1	1
Uppsala			1		1	4				4		10
Urbana	41	60	59	44	36	65	53	40	38	67	59	562
Utah							1		1		1	3
Uzaramo		3	5		2		4	3				17
Valdosta			2			3						5
Vancouver						2	1		1			4
Vanier											1	1
Vejle	1	3	4	1				1	1			11
Victoria	1						1		1		1	4
Vinohrady					1				1			2
Virchow	61	78	79	82	78	77	107	83	99	76	132	952
Vitkin						1						1
Vleuten							1					1
Volkmarsdorf			1									1
Vuadens							1					1
Wa						1						1
Wagenia		1						1				2
Wandsworth	5	6	2	3	7	69	6	4	6	5	3	116
Wangata	1		3	3		2	3			1		13
Waral	1	2							1			4
Warmesen						1						1
Warnow	2	1										3
Washington		1										1
Waycross	1	2	2	5	2		3	6	1	3		25
Wedding										1		1
Welikade	1		1				1	1				4
Weltevreden	65	71	96	92	95	83	90	73	80	56	76	877

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Wentworth			4									4
Wernigerode				1								1
Weslaco		1		2		1				3		7
Westeinde				1								1
Westhampton	5	8	6		3	7	3	2		1		35
Weston		1										1
Wichita		1										1
Widemarsh	2	4	1		2	2	6	4	3	3	32	59
Wien					3	2		2		2		9
Wil			1									1
Willamette			1									1
Wimborne											1	1
Winneba	1		1									2
Winston									3	1		4
Woodinville		2					1		1	1		5
Worthington	27	17	34	21	33	18	38	29	31	27	53	328
Wyldegreen											1	1
Yaba				1								1
Yehuda		1										1
Yoruba	1	1			1						3	6
Yundum	1											1
Zaiman						1	1					2
Zanzibar		2		1			3					6
Zaria										1		1
Zega				2								2
Zerifin			3									3
Zwickau					1							1
I 3,10:-:1,5										6	8	14
I 3,10:-:1,6						1	1				3	5
I 3,10:-:l,w										1		1
I 3,10:e,h:-	2				2				1		2	7
I 3,10:i:-									1			1
I 3,10:l,v:-	2				2	2		1	4	1	1	13
I 3,10:l,z13:-		1							1		1	3
I 3,10:r:-					3							3
I 4,12,27:d:-									1			1
I 4,12,27:l,v:-									1			1
I 4,[5],12:-:1,2	4	3	3	1	15	3	10	9	13	12	43	116
I 4,[5],12:-:1,5									1	2		3
I 4,[5],12:-:1,7	1					2			1		1	5
I 4,[5],12:-:e,n,x										1		1

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
I 4,[5],12:-:e,n,z15										1		1
I 4,[5],12:b:-	19	32	53	84	103	184	196	214	264	244	208	1601
I 4,[5],12:d:-	5				3	5	12	5	10	5	8	53
I 4,[5],12:e,h:-	2	2		2	5	5	4	2	2	11	18	53
I 4,[5],12:f,g,s:-										3	3	6
I 4,[5],12:i:-	304	553	752	884	1233	1273	943	991	1192	1339	1745	11209
I 4,[5],12:l,v:-				1								1
I 4,[5],12:r:-	1	4	17	2	1		18	17	22	9	7	98
I 6,14:-:l,z13,z28					1							1
I 6,14:b:-			2		1	1	1					5
I 6,14:d:-									1			1
I 6,14:e,h:-		1										1
I 6,14:y:-										1		1
I 6,7:-:1,2								2				2
I 6,7:-:1,5	9	31	16	23	15	23	27	26	35	43	65	313
I 6,7:-:1,6		1						1	1	3	5	11
I 6,7:-:1,7									1		1	2
I 6,7:-:e,n,x								1	2	3		6
I 6,7:-:e,n,z15								2	2	3	2	9
I 6,7:b:-			1	1					3			5
I 6,7:c:-					1	2	1	1		1	4	10
I 6,7:d:-									3		2	5
I 6,7:e,h:-	2	1			2	1	2	4	14	11	29	66
I 6,7:i:-					1							1
I 6,7:k:-	2	5	3	3	17	6	7	18	19	25	17	122
I 6,7:l,v:-	2											2
I 6,7:l,w:-	1				1		3	1	2	5	1	14
I 6,7:r:-			1	1	2	1	7	2	10	14	27	65
I 6,7:y:-							3		4	2	11	20
I 6,7:z10:-										3	2	5
I 6,7:z4,z23:-	1											1
I 6,8,20:z4,z24:-					1							1
I 6,8:-:1,2		1		2	1	2	4	3	3	8	20	44
I 6,8:-:1,5	1			1		2			2		2	8
I 6,8:-:e,n,x		1								1		2
I 6,8:-:e,n,z15								1				1
I 6,8:b:-				1					1	1	1	4
I 6,8:d:-	3	1	1		1	9	5	8	9	8	14	59
I 6,8:e,h:-		2	3		2	3	6	7	9	15	13	60
I 6,8:i:-							1					1
I 6,8:l,v:-							1		1	1	1	4

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
I 6,8:r-									1	1		2
I 6,8:z10:-	1						2			1		4
I 8,20:-:z6											1	1
I 8,20:i-						1			1	1	1	4
I 9,12:-:1,2								1			1	2
I 9,12:-:1,5	5	1	1		3	4	6	10	12	13	19	74
I 9,12:-:e,n,x									1			1
I 9,12:a-	1						3		1	3		8
I 9,12:e,h:-									1		5	6
I 9,12:g,z51:-					1				3		4	8
I 9,12:l,v:-	3	1			2	1	6		1	4	2	20
I 9,12:l,z28:-	12	15	1	7	9	14	17	33	30	23	56	217
I 11:-:e,n,x										2		2
I 11:e,h:-			1									1
I 11:r-		2						1	1	2	1	7
I 11:z10:-					1						1	2
I 13,22:-:1,6				1		1					2	4
I 13,22:b-	2									2		4
I 13,22:z-					1			2	2	4		9
I 13,23:-:1,5			1			2	1	2	5	8	3	22
I 13,23:-:1,6											1	1
I 13,23:b-		4	3	8	4	81	131	113	234	218	164	960
I 13,23:c:e,n,z15							1					1
I 13,23:i-	1											1
I 13,23:z-										1	2	3
I 16:-:e,n,x									1			1
I 16:a-									1			1
I 16:b-									1	2	2	5
I 16:d-							1	1	1		3	6
I 16:e,h:-		1						2			1	4
I 16:l,v:-				2		2				2		6
I 17:-:e,n,x										1		1
I 28:i-					1				1		3	5
I 30:b-											2	2
I 38:k-			1				2	1	4	2	1	11
I 40:-:e,n,x			2								1	3
I 43:k-					3							3
I 45:b-					2		5	3	3	3	2	18
I 47:b-								1				1
I 47:d-										1		1
I 47:z4,z23:-			1		13	2	3	3	8	3	2	35

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
II 4,12,[27]:b:[e,n,x]		1	1									2
II 4,12:-:1,6			1									1
II 4,5,12:a:-										1		1
II 6,7:-:1,6										1		1
II 6,7:b:z42				1								1
II 6,7:m,t:-		1										1
II 6,7:z39:1,5,7		1										1
II 6,7:z:1,5					1							1
II 9,12:a:1,5											1	1
II 9,12:b:-			1									1
II 9,12:d:e,n,x		1										1
II 9,12:g,m,[s],t: [1,5,7]:[z42]	1	2										3
II 9,12:g,m,s,t:e,n,x				1							1	2
II 9,12:g,s,t:e,n,x	1			1						1		3
II 9,12:l,w:e,n,x	1								1	1	1	4
II 9,12:m,t:-							1					1
II 9,12:z29:1,5										1	2	3
II 9,12:z39:1,7						1					1	2
II 9,46:m,t:e,n,x			1									1
II 11:g,[m],s,t:z39	1			1								2
II 13,22:g,m,t:[1,5]											1	1
II 13,22:z29:1,5	1	3							1			5
II 13,23:a:z42											1	1
II 13,23:b:[1,5]:z42									15	21	14	50
II 13,23:d:e,n,x							1					1
II 13,23:g,m,[s],t:[e,n,x]	1											1
II 13,23:g,t:e,n,x									1			1
II 13,23:z:1,5											1	1
II 16:g,[m],[s],t:[1,5]										1		1
II 16:m,t:-									2	2		4
II 16:z35:e,n,x			1									1
II 16:z4,z23:-						1						1
II 17:b:-										1		1
II 17:g,t:-	1						1					2
II 21:b:1,5		3										3
II 21:g,[m],[s],t:-						1	1			1		3
II 21:z10:[z6]					1	2	1	4	1		2	11
II 30:b:z6									1			1
II 30:l,z28:z6			1	1	1		1	1			1	6
II 35:g,m,s,t:-	1											1

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
II 35:l,z28:-					1							1
II 35:z29:e,n,x		1										1
II 40:c:e,n,x,z15								1		1		2
II 40:m,t:-	1											1
II 40:z39:1,7					1							1
II 40:z4,z24:z39		1									1	2
II 41:z10:z6	1					1	1					3
II 42:b:e,n,x,z15	1			1								2
II 42:z:e,n,x,z15								1				1
II 44:z4,z23:-				1								1
II 47:b:1,5		5	1	8	2	4	4	1		1		26
II 47:b:e,n,x,z15					1	2		2	3	2	1	11
II 47:b:z6						1						1
II 47:d:1,5										1		1
II 47:d:z39	4											4
II 48:a:z39								1		1	1	3
II 48:a:z6	2	1			1	1	1			1	2	9
II 48:b:z6		1										1
II 48:d:1,2			1									1
II 48:d:z6	4		1	1	2			2	1	1	1	13
II 48:k:z39	1											1
II 48:z39:z81		1	2	1								4
II 50:b:z6	4	4	2	1	2	2	2	1	2	1		21
II 55:k:z39							1					1
II 58:c:z6					2	1					1	4
II 58:d:z6			1						1			2
II 58:l,z13,z28:1,5								1				1
II 58:l,z13,z28:z6			1	1	2	8	7	5	4		1	29
II 60:g,m,t:z6							1			1		2
IIIa 13,22:z4,z23:-					1	1				1	2	5
IIIa 13,23:g,z51:-					1		1		2	2	3	9
IIIa 13,23:z4,z23,[z32]:-							2		1			3
IIIa 13,23:z4,z24:-							1	6	1			8
IIIa 17:z29:-							1		1			2
IIIa 17:z4,z23:-	1											1
IIIa 18:g,z51:-										1		1
IIIa 18:z36:-					1							1
IIIa 18:z4,z23:-	1	7	4	13	19	7	29	33	39	35	27	214
IIIa 18:z4,z32:-		2			1		2					5
IIIa 21:g,z51:-	1			2	2		2		2	1	1	11
IIIa 21:z29:-							2				1	3

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
IIIa 21:z36:-					1							1
IIIa 21:z4,z23:-								1			1	2
IIIa 21:z4,z32:-									1			1
IIIa 35:g,z51:-				1								1
IIIa 35:z29:-			1				1				1	3
IIIa 35:z4,z23:-				1	1	1	2	1	1		2	9
IIIa 35:z4,z32:-						2						2
IIIa 40:g,z51:-		2					2	1	2	3		10
IIIa 40:z36:-							1	1		1	1	4
IIIa 40:z4,z23:-					2		1	2	2		1	8
IIIa 40:z4,z24:-					1			1	1			3
IIIa 40:z4,z32:-											1	1
IIIa 41:z4,z23,z32:-							1	2	1	1		5
IIIa 41:z4,z23:-	4	2	11	6	11	13	17	10	13	19	8	114
IIIa 41:z4,z24:-								2	1			3
IIIa 41:z4,z32:-								2	1	1	1	5
IIIa 42:g,z51:-						1						1
IIIa 42:z4,z23:-					1	1			2			4
IIIa 42:z4,z24:-				1			1		1		2	5
IIIa 43:g,z51:-									1			1
IIIa 43:z29:-				1			1		2			4
IIIa 43:z4,z23:-								2		3	3	8
IIIa 43:z4,z24:-				1								1
IIIa 44:z4,z23,z32:-						1				1	1	3
IIIa 44:z4,z23:-			1				1			1		3
IIIa 44:z4,z24:-		1			2		2	1	1			7
IIIa 44:z4,z32:-							1	1	1	1		4
IIIa 45:z4,z23:-									1			1
IIIa 45:z4,z24:-	1											1
IIIa 47:g,z51:-											2	2
IIIa 47:z4,z23:-					3		1		4	1	2	11
IIIa 48:g,z51:-	7	4	3	3	6	8	16	15	6	18	14	100
IIIa 48:z29:-	1				1	1						3
IIIa 48:z36:-					1			1		1		3
IIIa 48:z4,z23,z32:-								1				1
IIIa 48:z4,z23:-	2											2
IIIa 48:z4,z24:-		3		3	4	3	6	4	3	14	12	52
IIIa 50:g,z51:-										2		2
IIIa 50:z29:-								1				1
IIIa 50:z36:-							1					1
IIIa 50:z4,z23:-						3	1	2		1	1	8

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
IIIa 50:z4,z32:-					2							2
IIIa 51:g,z51:-						1	1				1	3
IIIa 51:z4,z23:-	1		2		1		1	1		1	2	9
IIIa 51:z4,z24:-		1					1					2
IIIa 53:g,z51:-				1								1
IIIa 53:z4,z23,z32:-								1	1	1		3
IIIa 53:z4,z23:-			1	3	5		4	3	1	4	9	30
IIIa 53:z4,z24:-				1							1	2
IIIa 56:z4,z23:-				3	1	5	3	2	2	5	3	24
IIIa 59:z29:-		1										1
IIIa 59:z36:-		1										1
IIIa 62:z4,z23:-	1											1
IIIa 63:z4,z23:-					2				1			3
IIIb (6),14:l,v:z										1		1
IIIb (6),14:z10:z								1				1
IIIb 11:k:z53				1								1
IIIb 11:l,[v],[z13]:z53					1							1
IIIb 13,23:z:1,5							2					2
IIIb 16:z10:e,n,x,z15	2	2	1			4	1	1		1	3	15
IIIb 17:i:z35											1	1
IIIb 17:l,v:e,n,x,z15		1										1
IIIb 17:z10:e,n,x,z15	1		1				1				1	4
IIIb 18:l,[v],[z13]:z			4					1				5
IIIb 21:l,v:z											1	1
IIIb 35:i:e,n,x,z15										1		1
IIIb 35:i:z					1							1
IIIb 35:k:e,n,x,z15					1			2				3
IIIb 35:k:z53							1					1
IIIb 35:l,[v],[z13]:z35		1					1	4		3		9
IIIb 35:r:e,n,x,z15					1		1	1				3
IIIb 38:(k):-					1							1
IIIb 38:(k):1,5,7											2	2
IIIb 38:(k):z35	1	2			1	1	1		1		1	8
IIIb 38:i:z											1	1
IIIb 38:l,v:z53							2	1			1	4
IIIb 38:r:z				1								1
IIIb 42:(k):z35					1					2	1	4
IIIb 47:k:-								1	1		1	3
IIIb 47:k:z35	2		1		1	3	4		7	4	3	25
IIIb 47:k:z53							1		1			2
IIIb 47:r:z								1				1

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
IIIb 47:r:z53		1						1	1	1		4
IIIb 47:z10:z35						1			1			2
IIIb 48:-:z											1	1
IIIb 48:-:z35					1							1
IIIb 48:c:z		2					1				2	5
IIIb 48:i:-					1							1
IIIb 48:i:z	1	2	3	4	8	8	5	3	1	7	6	48
IIIb 48:k:z53									1		1	2
IIIb 48:l,v:z										1		1
IIIb 48:r:e,n,x,z15						1						1
IIIb 48:r:z			1				1				2	4
IIIb 48:z52:z		1	1	1		1	1				1	6
IIIb 48:z:-											1	1
IIIb 50:k:-											1	1
IIIb 50:k:z	4	6	3		1	1	3	8	7	15	9	57
IIIb 50:k:z35								1				1
IIIb 50:k:z53	1				2	1			1	1	1	7
IIIb 50:l,v:z							1	1		1		3
IIIb 50:l,v:z35			1				1		1	2		5
IIIb 50:r:-										1	1	2
IIIb 50:r:1,5,(7)							2					2
IIIb 50:r:z	2	1	3	1	10	3	7	3	7	4	7	48
IIIb 50:r:z35						1						1
IIIb 50:z52:z35	1	1	1		1	1	1		5	1	1	13
IIIb 50:z:z52	1	1						2		1		5
IIIb 53:-:z53											1	1
IIIb 53:k:e,n,x,z15					1							1
IIIb 53:k:z		1									1	2
IIIb 53:z10:z						1	2					3
IIIb 53:z10:z35				1	1	1	2	4	2	3	1	15
IIIb 53:z52:z53						1	1			3		5
IIIb 58:z52:z35			1									1
IIIb 60:r:-									1			1
IIIb 60:r:e,n,x,z15	1	4	4	1	4	2	3	10	5	5		39
IIIb 60:r:z	1	2	1				1		3	1	3	12
IIIb 60:z52:z								1				1
IIIb 60:z52:z35							1					1
IIIb 60:z52:z53					2	2		1	1	2	1	9
IIIb 61:(k):z53									1			1
IIIb 61:-:1,5,[7]		2	1	2		6	1	3	21	11	1	48
IIIb 61:c:-		1										1

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
IIIb 61:c:1,5,(7)							1	1				2
IIIb 61:c:z35	1	2	1	3	1	2	2	4	2	7	2	27
IIIb 61:i:z	1	1				2	1	1			2	8
IIIb 61:i:z35							1					1
IIIb 61:i:z53					1			1	1			3
IIIb 61:k:1,5,[7]		1		2	2	1		1	13	7		27
IIIb 61:l,[v],[z13]:-	1											1
IIIb 61:l,[v],[z13]:1,5,[7]	17	2	2	1	11	13	8	23	16	17	16	126
IIIb 61:l,[v],[z13]:z35		3	1					1	1	2		8
IIIb 61:l,v:z				3								3
IIIb 61:r:z			1						1			2
IIIb 61:r:z53	1	1				1						3
IIIb 61:z52:z53		1	1	1	4	2	5		4	5	4	27
IIIb 65:(k):z							2	1	2		1	6
IIIb 65:(k):z35						1	1	1		1		4
IIIb 65:(k):z53						1		1	1	1	1	5
IIIb 65:l,v:z										1		1
IIIb 65:z10:e,n,x,z15					2		1				1	4
IV 6,7:z4,z23:-		1										1
IV 6,7:z4,z24:-	9	8	2		1			6	1	5		32
IV 11:g,z51:-							1			1		2
IV 11:z4,z23:-	1	1		1	3	2	1	1				10
IV 16:z4,z23:-				1								1
IV 16:z4,z24:-											1	1
IV 16:z4,z32:-	11	4	3	5	7	6	4	9	3	2		54
IV 18:z36,z38:-											1	1
IV 21:g,z51:-	1											1
IV 21:z4,z23:-				2								2
IV 21:z4,z32:-									1			1
IV 40:z4,z23:-							1					1
IV 40:z4,z24:-					1	2	1	1	2	2	1	10
IV 40:z4,z32:-				1	1	1		1				4
IV 41:z4,z23:-											1	1
IV 43:z36,z38:-			1									1
IV 43:z4,z23:-		3	7	1	4	1	2	3	5	2	4	32
IV 43:z4,z32:-	2			1				1			1	5
IV 44:z36,[z38]:-	4	2	1			1	1	1	6	6		22
IV 44:z4,z23:-	15	14	7	16	11	8	11	7	13	10	4	116
IV 44:z4,z24:-			2	1				4	2	3	1	13
IV 44:z4,z32:-	3		1	5	7		4	5		5	2	32
IV 45:g,z51:-	1	8	8	8	7	13	10	10	2	1	5	73

Data in this report current as of 07/25/2014

Appendix 3. Laboratory-confirmed *Salmonella* infections reported to CDC, by serotype and year, 2002-2012

Serotype	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
IV 48:g,z51:-	42	30	13	5	11	31	11	20	16	11	11	201
IV 48:z4,z23:-		2										2
IV 48:z4,z24:-						1						1
IV 48:z4,z32:-		1	1		3	15	2	1	2		1	26
IV 50:g,z51:-	23	9	9	7	16	8	9	11	13	12	11	128
IV 50:z4,z23:-	7	6	7	6	64	89	42	22	9	9	13	274
IV 50:z4,z32:-					2	1		3				6
IV 51:z4,z23:-									1			1
IV 53:z4,z23:-										1		1
V 48:z81:-											1	1
S. bongori ser. 48:a:-									1			1
S. bongori ser. 48:z35:-			1	2			3					6
S. bongori ser. 48:z81:-							3		1			4
S. bongori ser. 66:z81:-			1									1
Partially serotyped	1239	1359	1313	1664	1436	1187	1586	1101	1338	1603	1902	15728
Rough, mucoid, and/or nonmotile isolates	51	54	61	41	110	101	128	133	233	219	260	1391
Unknown	2530	3610	2001	1113	3718	3845	5569	3523	4095	4173	6297	40474
Total	34911	37442	35661	36214	40323	39970	45182	40828	46339	45828	49004	451702

Data in this report current as of 07/25/2014

Appendix 3a. Laboratory-confirmed partially-serotyped *Salmonella* isolates from human sources reported to CDC, by serogroup and year, 2002-2012

Serogroup	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Group O:11	7	1	10	35	20	4					2	79
Group O:13	22	1	11	22	15	10	15	11	11	16	23	157
Group O:16	2	2	1	7	10		2	2	2	2		30
Group O:17	2	1		1	5			2				11
Group O:18	4	2		2	2						3	13
Group O:21	1			5	3							9
Group O:28	3		4	8	5	1			1			22
Group O:30	2			5	2	1	1			2	1	14
Group O:35					1	1			2	4	1	9
Group O:38					5	1	1	1				8
Group O:39					3				1	3	2	9
Group O:40	3	1	1	4	6					3		18
Group O:41		1			1							2
Group O:42							1					1
Group O:43				1	1							2
Group O:44	10	5	4	1		1			1			22
Group O:45	4	1	2		1	1			1			10
Group O:47				1	2	1					1	5
Group O:48	11	5	1	18	2	1	2	1		1		42
Group O:50	72	4	18	114	47	2		1	1	1	2	262
Group O:53	1											1
Group O:58		1							1			2
Group O:6,14	5	1		2			1	1	1			11
Group O:60								1				1
Group O:65	1						1					2
Subspecies I	53	99	157	155	101	239	346	285	271	308	375	2389
Subspecies I, Group A	4	4	1	2	7	7	4	7	9	2	5	52
Subspecies I, Group B	557	444	393	463	524	355	556	379	366	522	578	5137
Subspecies I, Group C1	112	160	141	134	201	194	301	154	206	230	298	2131
Subspecies I, Group C2	87	213	151	191	103	88	120	84	164	202	235	1638
Subspecies I, Group D1	139	257	269	283	200	109	96	73	207	204	291	2128
Subspecies I, Group D2	1	1	3	5					4			14
Subspecies I, Group E1	24	39	35	35	16	17	16	10	12	23	22	249
Subspecies I, Group E4		9	6	7	9	2	2	1	2	2		40
Subspecies I, Group O:11					1							1
Subspecies I, Group O:13					4							4
Subspecies I, Group O:30	1											1
Subspecies I, Group O:35	1							1				2
Subspecies I, Group O:38				1	1							2

Appendix 3a. Laboratory-confirmed partially-serotyped *Salmonella* isolates from human sources reported to CDC, by serogroup and year, 2002-2012

Serogroup	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Subspecies I, Group O:40					1							1
Subspecies I, Group O:47					1							1
Subspecies I, Group O:48		2					1					3
Subspecies I, Group O:51					1							1
Subspecies II	5	2	5	9	3	21	18	12	11	18	14	118
Subspecies IIIa	11	17	24	27	20	9	15	15	8	10	11	167
Subspecies IIIa, Group O:13		1			1							2
Subspecies IIIa, Group O:40					1				1			2
Subspecies IIIa, Group O:41								1				1
Subspecies IIIa, Group O:48					1							1
Subspecies IIIa, Group O:50									1			1
Subspecies IIIa, Group O:51							2					2
Subspecies IIIa, Group O:63	1											1
Subspecies IIIa/IIIb	40	32	25	40	29	40	36	14	24	18	14	312
Subspecies IIIb	21	26	16	32	22	17	11	22	18	18	15	218
Subspecies IIIb, Group O:35	6	1	1	1								9
Subspecies IIIb, Group O:38	3	2	1	4								10
Subspecies IIIb, Group O:42				1								1
Subspecies IIIb, Group O:47		1		3	17				1		1	23
Subspecies IIIb, Group O:50					1							1
Subspecies IIIb, Group O:53							1					1
Subspecies IIIb, Group O:57	1											1
Subspecies IIIb, Group O:60					1			1				2
Subspecies IIIb, Group O:61	2				1	2	1		1			7
Subspecies IIIb, Group O:65				1		1	1					3
Subspecies IV	19	23	33	44	33	58	35	22	8	14	8	297
Subspecies IV, Group O:11	1											1
Subspecies IV, Group O:40									1			1
Subspecies IV, Group O:43					1							1
Subspecies IV, Group O:50					2							2
Subspecies VI					2	4			1			7
Subspecies IV, Group O:43						1						1
Subspecies IV, Group O:50						2						2
Subspecies VI						2	4			1		7
Total	1239	1359	1313	1664	1436	1187	1586	1101	1338	1603	1902	15728

Appendix 4. Laboratory-confirmed *Salmonella* isolates from clinical non-human sources submitted to the National Veterinary Services Laboratories (NVSL) for typing, by serotype and source, 2012

Serotype	All Others	Bovine	Chicken	Equine	Other birds/ Wild animals	Other Domestic Animals/ Environment	Porcine	Reptile	Turkey	Total
Aba	1									1
Adelaide							3	1		4
Agona	7	31	1	3	7	12	183		1	245
Alabama		1			1					2
Alachua		1			1		3			5
Albany			1	1	1				26	29
Altona		7		4		1	7			19
Amsterdam				1						1
Anatum	7	37	3	21	6	2	52	1	5	134
Anatum var 15+				2						2
Anatum var. 15+		2	1	9			1		1	14
Anatum var. 15+,34+		2								2
Bareilly		2		2		1	1	1		7
Barranquilla	1	2					2			5
Bere					1		1			2
Berta	1	3	1	1	2		2	1	1	12
Blijdorp								1		1
Blockley					1					1
Bovismorbificans		5			1	1	7			14
Braenderup	1	3	3	3	4	3	7	4		28
Brandenburg		3					15			18
Bredeney				1	2		6		8	17
Cannstatt			1			2				3
Carrau				1						1
Cerro	2	174		3	4	1	5			189
Chailey							1			1
Choleraesuis var. Kunzendorf							29			29
Cubana		1		1			2			4
Daytona					1					1
Denver		1			1					2
Derby	2		1	2		6	220			231
Dublin	2	243		1	2	3	3			254
Duisburg							1	1		2

Data from United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), and National Veterinary Services Laboratory (NVSL). Clinical animal isolates (referred to as 'clinical non-human') are isolates from animals with clinical signs of illness. Data in this report current as of 01/27/2014

Appendix 4. Laboratory-confirmed *Salmonella* isolates from clinical non-human sources submitted to the National Veterinary Services Laboratories (NVSL) for typing, by serotype and source, 2012

Serotype	All Others	Bovine	Chicken	Equine	Other birds/ Wild animals	Other Domestic Animals/ Environment	Porcine	Reptile	Turkey	Total
Duval				1						1
Enteritidis	4	2	135	3	18	9	5	2	3	181
Fluntern								1		1
Gaminara	1			2			1			4
Give		14		2	4	1	6			27
Give var. 15+				1						1
Give var. 15+,34+		1								1
Hadar			1	2		1	1		2	7
Hartford	1	2		4	1	1	3			12
Havana				1			13			14
Heidelberg	1	48	4	3	4	6	83		5	154
Holcomb		1		1						2
Hvittingfoss				2	1					3
Idikan			3				1			4
Indiana					1					1
Infantis	11	12	5	5	3	20	111			167
Inverness	1	1				1		1		4
Javiana	1	1		8	1	4	6	1	1	23
Johannesburg	1	4					43			48
Kentucky	3	39	19	2	3	1				67
Kiambu		2		2						4
Kisarawe	3									3
Krefeld							10			10
Lille		3								3
Litchfield		3			1		4			8
Liverpool		6		1			2			9
Livingstone			1			2	3			6
London	1	2					19			22
Manchester						1				1
Manhattan					1		6			7
Mbandaka	5	23	3	7	2		24		3	67
Meleagridis	2	30		3	2	1	6			44
Meleagridis var. 15+		1								1
Miami				2	1			1		4

Data from United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), and National Veterinary Services Laboratory (NVSL). Clinical animal isolates (referred to as 'clinical non-human') are isolates from animals with clinical signs of illness. Data in this report current as of 01/27/2014

Appendix 4. Laboratory-confirmed *Salmonella* isolates from clinical non-human sources submitted to the National Veterinary Services Laboratories (NVSL) for typing, by serotype and source, 2012

Serotype	All Others	Bovine	Chicken	Equine	Other birds/ Wild animals	Other Domestic Animals/ Environment	Porcine	Reptile	Turkey	Total
Minnesota					1					1
Mississippi					1					1
Molade							1			1
Montevideo	5	107	1	10	5	4	3	3	12	150
Muenchen	4	2	8	9	11	3	24	5	7	73
Muenster	2	30		4	4	1	4		1	46
Newport	10	79	6	65	8	41	10	10		229
Norwich	1			20		1		1		23
Ohio	3	6					40			49
Oranienburg	1	16		7	6	1	1			32
Orion				6						6
Ouakam		1				1	1		8	11
Panama		1			1		2			4
Paratyphi B var. L-tartrate+	3	2	2	5	1	5		8		26
Pensacola								1		1
Pomona					1		1	1		3
Poona	1			2	1					4
Putten							2			2
Reading		19		1	4		11		6	41
Rideau							1			1
Rissen		10					19			29
Rubislaw	2	2		11	5	2		5		27
Saintpaul	2	2		6	3	1	6	1	13	34
Sandiego	1							1		2
Schwarzengrund		2	3	1	1		25	3	3	38
Senftenberg	1	6		1	7		42		64	121
Soerenga							1	1		2
Taksony					2					2
Tallahassee				1						1
Tennessee	1	1			1		6			9
Thompson	2	14	6	4	3	2	2			33
Typhimurium	10	95	10	66	24	12	100		2	319
Typhimurium var. 5-	18	76	2	63	61	6	381	1	24	632

Data from United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), and National Veterinary Services Laboratory (NVSL). Clinical animal isolates (referred to as 'clinical non-human') are isolates from animals with clinical signs of illness. Data in this report current as of 01/27/2014

Appendix 4. Laboratory-confirmed *Salmonella* isolates from clinical non-human sources submitted to the National Veterinary Services Laboratories (NVSL) for typing, by serotype and source, 2012

Serotype	All Others	Bovine	Chicken	Equine	Other birds/ Wild animals	Other Domestic Animals/ Environment	Porcine	Reptile	Turkey	Total
Uganda		6	1		2		9			18
Uganda var. 15+							2			2
Uganda var. 15+,34+							1			1
Weslaco						1				1
Worthington		4		1			46		3	54
I 11:d:-					2					2
I 11:r:-	1									1
I 13,23:b:-				2						2
I 15,34:l,z13:-							1			1
I 3,10:-:-					2					2
I 3,10:-:1,5		1								1
I 3,10:e,h:-				1						1
I 3,10:y:-				1						1
I 4,12:-:1,2	1									1
I 4,12:d:-									10	10
I 4,12:d:-:e,h								1		1
I 4,12:i:-		15		5	27	1	62	2	4	116
I 4,12:r:-							2			2
I 4,12:z:-							1			1
I 4,5,12:-:1,5	1									1
I 4,5,12:i:-	1	42	1	9	7	11	89		1	161
I 4,5,12:r:-		1								1
I 40:f,g,t:-								1		1
I 51:y:1,2								1		1
I 6,7:-:1,5		4					10			14
I 6,7:-:1,6				1		1				2
I 6,7:-:e,n,z15				1						1
I 6,7:-:l,w							2			2
I 6,7:c:-		1					1			2
I 6,7:k:-		1				1				2
I 6,7:y:-					1					1
I 8,20:-:z6		1								1
II 55:k:z39								2		2

Data from United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), and National Veterinary Services Laboratory (NVSL). Clinical animal isolates (referred to as 'clinical non-human') are isolates from animals with clinical signs of illness. Data in this report current as of 01/27/2014

Appendix 4. Laboratory-confirmed *Salmonella* isolates from clinical non-human sources submitted to the National Veterinary Services Laboratories (NVSL) for typing, by serotype and source, 2012

Serotype	All Others	Bovine	Chicken	Equine	Other birds/ Wild animals	Other Domestic Animals/ Environment	Porcine	Reptile	Turkey	Total
IIIa 18:z4,z23:-						3				3
IIIa 35:z4,z23:-					1					1
IIIa 41:z4,z23:-	1			1				1		3
IIIa 41:z4,z32:-								1		1
IIIa 44:z4,z23:-								1		1
IIIa 44:z4,z24:-								1		1
IIIa 45:z36:-				1						1
IIIa 48:z4,z24:-					1			1		2
IIIa 51:g,z51:-				2						2
IIIa 51:z4,z23:-	1							1		2
IIIa 53:z4,z23:-					1					1
IIIa 56:z4,z23:-								1		1
IIIb (6),14:l,v:z								4		4
IIIb (6),14:z10:z					1			4		5
IIIb 16:z10:e,n,x,z15	1							6		7
IIIb 18:(k):z53								1		1
IIIb 35:l,v:z53		1								1
IIIb 38:(k):z35		1	1					1		3
IIIb 38:k:z	1									1
IIIb 38:l,v:-								2		2
IIIb 38:l,v:z53		2						4		6
IIIb 42:z10:z67								1		1
IIIb 43:z52:z53								1		1
IIIb 47:k:z35	1							1		2
IIIb 47:k:z53								3		3
IIIb 47:z10:z35								2		2
IIIb 47:z53:-					1					1
IIIb 48:i:z	3									3
IIIb 48:l,v:1,5,(7)								1		1
IIIb 48:z52:z					1			1		2
IIIb 50:k:z	1									1
IIIb 50:k:z53		1			1			1		3
IIIb 50:l,v:z								1		1

Data from United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), and National Veterinary Services Laboratory (NVSL). Clinical animal isolates (referred to as 'clinical non-human') are isolates from animals with clinical signs of illness. Data in this report current as of 01/27/2014

Appendix 4. Laboratory-confirmed *Salmonella* isolates from clinical non-human sources submitted to the National Veterinary Services Laboratories (NVSL) for typing, by serotype and source, 2012

Serotype	All Others	Bovine	Chicken	Equine	Other birds/ Wild animals	Other Domestic Animals/ Environment	Porcine	Reptile	Turkey	Total
IIIb 50:r:-	1							1		2
IIIb 50:r:z	2							6		8
IIIb 50:r:z67								4		4
IIIb 53:z10:z35					1			1		2
IIIb 59:k:z35								2		2
IIIb 6,14:l,v:z								1		1
IIIb 60:r:e,n,x,z15								4		4
IIIb 61:(k):z53								1		1
IIIb 61:-:1,5,[7]		1				20				21
IIIb 61:c:z35								1		1
IIIb 61:k:1,5,[7]						1				1
IIIb 61:l,v:1,5,7								1		1
IV 40:z4,z24:-						1				1
IV 40:z4,z32:-						1				1
IV 43:z4,z23:-	1							2		3
IV 43:z4,z24:-								16		16
IV 44:z4,z23:-								3		3
IV 44:z4,z24:-								1		1
IV 50:g,z51:-	1									1
IV 50:z4,z23:-				1						1
IV 6,14,18:z36,[z38]:-								1		1
Rough, mucoid, and/ or nonmotile isolates	5	25	9	4	5	2	37	6	1	94
	149	1291	233	420	283	203	1844	156	215	4794

Data from United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), and National Veterinary Services Laboratory (NVSL). Clinical animal isolates (referred to as 'clinical non-human') are isolates from animals with clinical signs of illness. Data in this report current as of 01/27/2014

Appendix 5. Laboratory-confirmed *Salmonella* isolates from non-clinical non-human sources submitted to the National Veterinary Services Laboratories (NVSL) for typing, by serotype and source, 2012

Serotype	All Others	Bovine	Chicken	Equine	Other birds/ Wild animals	Other Domestic Animals/ Environment	Porcine	Reptile	Turkey	Total
Abaetetuba									2	2
Adelaide			1			1				2
Agbeni			10							10
Agona	10	16	20	5		1	2		26	80
Alabama			4							4
Alachua	2		24			3			1	30
Albany	11		1						16	28
Albert	5									5
Altona	5	2	5			2				14
Amager	4									4
Anatum	44	17	24		4	6			27	122
Anatum var. 15+	1	2		1	1				1	6
Aqua			1							1
Arechavaleta	1		4							5
Baildon					1			1		2
Bareilly			42		1					43
Barranquilla	1	2	7						2	12
Bere			3					1		4
Berta	9		6						12	27
Bietri			1							1
Blockley	3									3
Bovismorbificans	3									3
Braenderup	8		52	5	3	72				140
Brandenburg	1		2			4	1			8
Bredeney	4		7						2	13
Cannstatt			2							2
Carrau			3						2	5
Cerro	32	26	16	1		12				87
Chailey	1									1
Chester	1									1
Choleraesuis var. Kunzendorf	1						1			2
Cubana			14			1			11	26

Data from United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), and National Veterinary Services Laboratory (NVSL). Non-clinical animal isolates (referred to as 'non-clinical non-human') are isolates identified through herd and flock monitoring and surveillance, feed sample testing, environmental. Data in this report current as of 01/27/2014

Appendix 5. Laboratory-confirmed *Salmonella* isolates from non-clinical non-human sources submitted to the National Veterinary Services Laboratories (NVSL) for typing, by serotype and source, 2012

Serotype	All Others	Bovine	Chicken	Equine	Other birds/ Wild animals	Other Domestic Animals/ Environment	Porcine	Reptile	Turkey	Total
Derby	9		27				1			37
Dublin	45	16								61
Duisburg			1			1				2
Enteritidis	155		444	2	1	328			2	932
Florida				1	2					3
Gaminara	2		4			1				7
Gera	1								1	2
Give	5	3	7	1		1				17
Give var. 15+			4	3						7
Give var. 15+,34+	1		2							3
Hadar	44	1	9	17					39	110
Hartford	10		5	2	1					18
Havana	2		4							6
Heidelberg	68	1	544			223			1	837
Horsham	1									1
Hvittingfoss	2									2
Idikan	1		32							33
Infantis	16	1	55	1		33			4	110
Inverness			3	1						4
Javiana	2		8	2		1		3	1	17
Jodhpur	4									4
Johannesburg	4		11			18	1			34
Kentucky	112	35	520			349			34	1050
Kiambu	2		6			4				12
Lexington			5							5
Lille	4	1	4		1				1	11
Litchfield	7		22							29
Liverpool	7		32			49				88
Livingstone	3		33							36
London	4								34	38
Luciana			1							1
Mbandaka	34	3	226	6		41			6	316
Meleagridis	25	4	9				1		3	42

Data from United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), and National Veterinary Services Laboratory (NVSL). Non-clinical animal isolates (referred to as 'non-clinical non-human') are isolates identified through herd and flock monitoring and surveillance, feed sample testing, environmental. Data in this report current as of 01/27/2014

Appendix 5. Laboratory-confirmed *Salmonella* isolates from non-clinical non-human sources submitted to the National Veterinary Services Laboratories (NVSL) for typing, by serotype and source, 2012

Serotype	All Others	Bovine	Chicken	Equine	Other birds/ Wild animals	Other Domestic Animals/ Environment	Porcine	Reptile	Turkey	Total
Memphis			10							10
Miami	1		1							2
Minnesota	1		1						4	6
Molade	2					3				5
Montevideo	49	41	47	4		18			25	184
Muenchen	16	9	17	2	1	4	1	1	10	61
Muenster	48	3	19					1	79	150
Muenster var. 15+,34+	1									1
Newport	11	8	64	15	4	13	1	1	14	131
Nima			1							1
Norwich			11	1						12
Ouakam	5		3			2			5	15
Paratyphi B var. L-tartrate+	2		7		3					12
Pomona			5			1				6
Poona	6					1				7
Putten		1	2			1				4
Reading	18	2	1						5	26
Rissen	2	1	3			3				9
Roodepoort	1									1
Rubislaw			10	3	1	3		1		18
Ruiru			1							1
Saintpaul	18		5	2		1			5	31
Sandiego						1				1
Schwarzengrund	40	4	62		1	21	1		6	135
Senftenberg	35	1	379			6			222	643
Soerenga	1		2							3
Tennessee	7	1	39			3				50
Thompson	34		43	1		75				153
Typhimurium	38	6	63	5		58	2		5	177
Typhimurium var. 5-	60	32	51	2		92	7	1	1	246
Uganda	12	4	5			1			1	23
Uganda var. 15+	1	1	3							5

Data from United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), and National Veterinary Services Laboratory (NVSL). Non-clinical animal isolates (referred to as 'non-clinical non-human') are isolates identified through herd and flock monitoring and surveillance, feed sample testing, environmental. Data in this report current as of 01/27/2014

Appendix 5. Laboratory-confirmed *Salmonella* isolates from non-clinical non-human sources submitted to the National Veterinary Services Laboratories (NVSL) for typing, by serotype and source, 2012

Serotype	All Others	Bovine	Chicken	Equine	Other birds/ Wild animals	Other Domestic Animals/ Environment	Porcine	Reptile	Turkey	Total
Westhampton	1									1
Widemarsh	1		1							2
Worthington	2		29						25	56
Yoruba	1		7							8
I 3,10:-:l,w			3							3
I 3,10:e,h:-			1							1
I 3,15,34:z10:-			1							1
I 3,19:-:e,n,z15						1				1
I 3,19:-:z27		1								1
I 3,19:z37:e,n,z15						2				2
I 4,12:d:-	1								3	4
I 4,12:e,h:-			1							1
I 4,12:i:-	6	1	15	3	3	8			12	48
I 4,12:r:-			1							1
I 4,5,12:-:1,7			1							1
I 4,5,12:d:-	1									1
I 4,5,12:i:-	9	2	13	2		18			10	54
I 41:b:-			1							1
I 6,7:-:1,5			8			16				24
I 6,7:-:1,6	1		1							2
I 6,7:-:e,n,z15			2			1				3
I 6,7:e,h:-			1		1					2
I 6,7:g,m,s:e,n,z15	1									1
I 6,7:k:-	2		5			2				9
I 6,7:r:-			1			2				3
I 6,7:y:-	1									1
I 6,7:z10:-			1							1
I 6,8: e,n,x									1	1
I 6,8:e,h:-									1	1
I 6,8:r:-			1							1
I 8,20:-:z6	2		8			4				14
I 8,20:i:-	1					1				2
IIIa 18:z4,z23:-	2									2

Data from United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), and National Veterinary Services Laboratory (NVSL). Non-clinical animal isolates (referred to as 'non-clinical non-human') are isolates identified through herd and flock monitoring and surveillance, feed sample testing, environmental. Data in this report current as of 01/27/2014

Appendix 5. Laboratory-confirmed *Salmonella* isolates from non-clinical non-human sources submitted to the National Veterinary Services Laboratories (NVSL) for typing, by serotype and source, 2012

Serotype	All Others	Bovine	Chicken	Equine	Other birds/ Wild animals	Other Domestic Animals/ Environment	Porcine	Reptile	Turkey	Total
IIIa 48:g,z51:-	1				2					3
IIIa 48:z4,z24:-			3							3
IIIa 51:z4,z23:-								3		3
IIIb 16:z10:-								1		1
IIIb 17:z10:e,n,x,z15			1							1
IIIb 48:l,v:1,5,(7)								1		1
IIIb 50:r:z			1							1
IIIb 58:z52:z35								1		1
IIIb 60:r:e,n,x,z15	2		1							3
IIIb 61:-:1,5,[7]						2				2
IIIb 61:c:z35								1		1
IV 18:z36,z38:-								1		1
IV 40:z4,z24:-				1						1
IV 44:z36:-			5							5
I 8,20:i:-			1							1
I 8:-:z6			1							1
I 8:c:e,n,z15	1									1
Rough, mucoid, and/ or nonmotile isolates	16	3	28	1		5			5	58
Unknown			6							6
	1177	251	3269	90	31	1520	19	18	667	7042

Data from United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), and National Veterinary Services Laboratory (NVSL). Non-clinical animal isolates (referred to as 'non-clinical non-human') are isolates identified through herd and flock monitoring and surveillance, feed sample testing, environmental. Data in this report current as of 01/27/2014

Appendix 6. *Salmonella* serotypes affected by naming convention changes, 2012

Previous Designation	Combined with
Amager var. 15+	Amager
Amersfoort var. 14+	Amersfoort
Amsterdam var. 15+	Amsterdam
Anatum var. 15+	Anatum
Anatum var. 15+, 34+	Anatum
Bardo	Newport
Bargny	Takoradi
Bazenheid	Zerifin
Butantan var. 15+	Butantan
Cerro var. 14+	Cerro
Duesseldorf	Albany
Ferruch	Kottbus
Give var. 15+	Give
Give var. 15+, 34+	Give
Haardt	Blockley
Inchpark	Alagbon
Istanbul	Hadar
Konstanz	Gatuni
Korbol	Nagoya
Lexington var. 15+	Lexington
Lexington var. 15+, 34+	Lexington
Lille var. 14+	Lille
Livingstone var. 14+	Livingstone
London var. 15+	London
Mbandaka var. 14+	Mbandaka
Meleagridis var. 15+	Meleagridis
Muenster var. 15+	Muenster
Muenster var. 15+, 34+	Muenster
Nchanga var. 15+	Nchanga
Nyborg var. 15+	Nyborg
Ohio var. 14+	Ohio
Oranienburg var. 14+	Oranienburg
Orion var. 15+	Orion
Orion var. 15+, 34+	Orion
Oxford var. 15+, 34+	Oxford
Pakistan	Litchfield
Paris	Mapo
Presov	Shipley
Rissen var. 14+	Rissen
Santiago	Belem

Appendix 6. *Salmonella* serotypes affected by naming convention changes, 2012

Previous Designation	Combined with
Stockholm var. 15+	Stockholm
Sunnycove	Daarle
Tananarive	Brunei
Thompson var. 14+	Thompson
Typhimurium var. 5-	Typhimurium
Uganda var. 15+	Uganda
Vejle var. 15+	Vejle
Virginia	Muenchen
Weltevreden var. 15+	Weltevreden
Westhampton var. 15+	Westhampton
Westhampton var. 15+, 34+	Westhampton
Wippra	Molade
Yovokome	Manhattan
I 4,[5],12:b:- var. L(+) tartrate+	I 4,[5],12:b:-

NCEZID Atlanta:
For more information please contact Centers for Disease Control and Prevention
1600 Clifton Road NE, Atlanta, GA 30333 MS C-09
Telephone: 1-404-639-2206
Email: cdcinfo@cdc.gov