

Salmonella Serotypes - Non-human Isolates 2008

Serotype	Animal														Poultry				Sp NZFSA <sup>a</sup>	Total			
	Avian	Bovine	Canine	Equine	Feline	Ovine	Porcine	Primate	Rabbit	Reptile	Rodent	Food <sup>b</sup>	Shellfish	Environmental	Meat/bone meal	Feed	Not Specified	Feed			Environmental	Miscellaneous including product	
Adelaide															1							1	2
Agona		3												3	7	1	1	4	7				28
Amager 15+														1									1
Amsterdam																		1					1
Amsterdam 15+																		1					1
Anatum													1	3	1		7						12
Anatum 15+		1																					1
Augustenborg												1											1
Banana															1		1						2
Bareilly											1												1
Bouso									7									2	2	1			7
Brandenburg		23	1	1		31					14		16	1				2	2	1		92	
Bredenev																		1					1
Cerro																		2					2
Chester												1											1
Corvallis												1											1
Derby												2						4	3				9
Eastbourne									2														2
Emek		4									2	2											8
Enteritidis phage type	9a	5		1		1													4				11
Falkensee 15+											1												1
Galliena													1										1
Give																			1				1
Give 15+																			1				1
Hadar																				1			1
Havana												1	1					1	1	2			6
Heidelberg		3																					3
Hindmarsh		6	1		1	24											1	1					34
Hvittingfoss											1												1
Infantis				1		1					6			2	5	1	5	16	8	6			51
Istanbul																			1				1
Kentucky																		1					1
Kiambu		1												3		1							5
Lexington 15+																		6	1				7
Livingstone													1					6					7
London		4																					4
Mana									2														2
Mbandaka													20	4		1	13	12	1				51
Mississippi									15														15
Montevideo											4	1	10			1	2	2					20
Newport			3								2												5
Onderstepoort									9														9
Oranienburg																		1					1
Orientalis																		2	1				3
Orion														1			1	1					3
Orion 15+														4			1						5
Potsdam										5													5
Putten																			1				1
Rissen																		3		1			4
Ruiru	1	6									2												9
Saintpaul	1			2						17	2												22
Schwarzengrund																		1		1			2
Senftenberg		5											17	7				12	1				42
Tennessee					1								1	17		1	7	2	2				31
Thompson										10									1	1			12
Typhimurium																			7				7
Typhimurium phage type	1	53	3	1	1						2	1				1	1						63
	8	57	2	2	1	1											1						64
	9	21	5		7						1												34
12a	4	27	1	4							1							1	1				39
23		12																					12
29		3																					4
41														14				1					14
42		10									14 <sup>b</sup>	1				1	9		2				37
74		21									2												23
101		59	1	2														4	30	50			146
126																			1				1
135		21		1							1		3						1				27
154		12										1							1				14
154 Variant																			4				4
156		42	1	4					1	4	2					1							55
156 Variant		3																					3
160	9	7	2	3	2			1	1				4			1	9	6	2				47
195		1											1										2
U208		1																					1
U310		14																					14
RDNC	5	38	4	7	10							2	9	1				9	9	7	3		104
Rough		5																	1				6
Untypable	1	5																					6
Wangata										4													4
Warragul										6													6
Yonuba <sup>c</sup>																		1					1
Zanzibar		1												4	1	1							7
Group B 4,5,12 :- :-																				1			1
Group B 4,5,12 : d :-														1									1
Group B 4,12 :- :- 1,2				1																			1
Group C 6,7 : k :-									1	1			1					1	6	3			13
Group C 6,7 : z10 :-																							1
Group C 8,20 :- :-																							1
Group E 3,15 :- :- z6																	1						1
Group E 3,19 :- :-																			12	1			13
Group E 3,19 : y :-																			1				1
Group E 3,34 : z29 :-																			1				1
Group I 16 : Lv :-													1										1
Subspecies I 43 :- :-										3													3
Subspecies II 21 : z10 : z6																			1				1
Subspecies IIb 38 :- :-																			2				2
Subspecies IIb 38 :- :- (non motile)																			1				1
Subspecies IIb 38 : Jv :-																			1				1
Subspecies IV 40 : g,t :-			1																				1
Subspecies IV 43 : z4,z23 :-										11													11
Species Rough : r :-																							1
Total		21	478	13	36	19	65	1	1	1	99	1	54	2	104	76	5	27	143	115	85	3	1349

<sup>a</sup> Includes casings and animal carcasses from meat works

<sup>b</sup> These isolates are from NZFSA special projects

<sup>c</sup> First New Zealand isolate

<sup>b</sup> 11 isolates were from four batches of opened and unopened flour and resulted in a voluntary withdrawal of the product by the manufacturer.