

Human *Salmonella* isolates 2009

Serotype	Health District																				Total					
	NL	NW	CA*	SA	WK	TG	BE	GS	RO	TP	RU	HB	TK	WG	MW	WR	WN	HU	NM	WC		CB	SC	OT	SO	
Aberdeen		1	1		1																2					5
Agona		1	2		4				2																	10
Ajiobo															1						1					1
Albany		1	1				1										1									4
Anatum		1			1							1	1											1		5
Anatum 15+				1																						1
Arechavaleta			1														1									2
Bardo			2																							2
Bareilly		1	1												1		1									4
Birkenhead																							1			1
Bovismorbificans		1		1																	1					3
Braenderup		1	1																							2
Brancaster			1																							1
Brandenburg			1	4	3		1						1								4	3	9	10		36
Bredeney																										1
Cerro																								1		1
Corvallis			1										1					1								3
Derby																	1									1
Emek				1				1																		2
Enteritidis phage type 1	1		3	1																						4
1b		1	1						1						1											4
4					1							1														2
6a			5	1													2				3					11
7		1																								1
8			1																1							2
9a	1	5	1	1	2	4	3			1			2	1	2		2	2	1		5	2	3	1		39
21			1		1											1		1	1							5
21c			2																							2
25				1														1								2
26				1		1																				2
34			1																							1
42		2	1	1														1								5
RDNC			2		3																1		1	2		11
Untypable		2																			1		1			4
Ferruch			1																							1
Give				1																						1
Give 15+																					1					1
Hadar																					2					2
Haifa																							1			1
Havana																								1		1
Heidelberg			3	1																						4
Hindmarsh																	1									1
Indiana																		1								1
Infantis	1	6	11	16	1							1	1	1	4			1	3	2	1	9	8	4	1	71
Isangi																						1				1
Istanbul					1																					1
Itami		1	1															2								4
Javiana			2	1																						3
Kentucky			1		1																					2
Kiambu																					1					1
Kisangani																									1	1
Livingstone			1												1											2
Mbandaka			1			1			1								1		1		1			1		7
Menston																								1		1
Mississippi	1		1																2		7	1	2		14	
Molade		1																								1
Montevideo			2	1															1		3	2				9
Muenchen		1																								1
Newport			1	1																						2
Ohio					1																					1
Oranienburg		1																		1						2
Orion					1																					1
Oslo				1																						1
Panama				1																						1
Papua													1													1
Paratyphi A		1	2	2												1		1			1					8
Paratyphi B var Java		4	2		2				3								2	1			2					16
Pensacola				2		1						1					1									5
Poona			1																		2			1		4
Potsdam			1			1																				2
Reading					2							1						1				1				5
Rissen			1																	1	1	3				6

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	NL	NW	CA*	SA	WK	TG	BE	GS	RO	TP	RU	HB	TK	WG	MW	WR	WN	HU	NM	WC	CB	SC	OT	SO	
Saintpaul		1			1							2							2	2	1	7	10	26	
Senftenberg		1			1				1															3	
Singapore		1																	1					2	
Stanley		3	1	2													3							9	
Taksony			1	1																				2	
Tennessee			1																					1	
Thompson			1	2				1			1	1		1										7	
Typhi		5	7	11													4				3			30	
Typhimurium phage type 1	2	4	6	16	7	1		19	1		2	5	1	3	2	1	2	2	1	12	3	3	1	94	
8		1	1	1	2			1									1						1	8	
9					1	1		1	1		2					1	3				1	1	4	24	
10			1	1																				2	
12	1				1																			2	
12a		4	2	4	4	1	1		1		1					1	1	1		4	1	2		28	
12a variant 09			3	2	1						1	1							2	4				14	
23	3	2																						5	
40					1																			1	
41			1																					1	
42		2	1		2					1	2	1					1	2	6	1	9	4	3	6	41
42a			1																					1	
66														1										1	
74	1	3		1													2	1	1	2	1			12	
101	3	1		3	5		2		1		5			1	1	3	1	4	1	14	7	5		57	
104			1																					1	
107						1																		1	
120												1												1	
126		1																						1	
135	1	2	2	3			3	3									1	2		2		1		20	
154																							1	1	
156	5	2	3	1	3	1	1				6	1	1	8	3	8	5	3	1			2		54	
160	1	6	3		4	5		6		2	10			6	2	12	5	6	1	13	11	6	7	106	
195	1	3	2	1	1	2				1					2	2	1		1					17	
199																			1					1	
208																					1			1	
U302			2							1			1							1		1		6	
U310				1												2							1	4	
RDNC	2	2	10	5	31	5	1		2	2	14		1	3	1	2	1	1		2	1	3	4	93	
RDNC-May 06	3	6	6	2	7				3	2	4	2	3		2		1			2				43	
Rough					1															2		2		5	
Untypable		3		1		1					1			1				1	1	3		2	1	15	
Victoria																						1		1	
Virchow		1	2	1	2	2			1							1	1					1		12	
Wangata					1																			1	
Waycross																							1	1	
Weltevreden	1	1		3	2								1				1			1				10	
Yoruba		1																						1	
Group B 4,5,12 : - : -					1			1																2	
Group B 4,5,12 : - : - (non motile)				1																				1	
Group B 4,5,12 : - : 1,2																				1				1	
Group B 4,5,12 : d : -				1					1											1			1	4	
Group B 4,5,12 : i : -		1	1	1	1		1										1	1					1	8	
Group B 4,12 : - : 1,2																		1		1		2		4	
Group B 4,12 : b : -			1																					1	
Group B 4,12 : G : -			1																					1	
Group B 4,12 : i : -																				1				1	
Group C 6,7 : k : -	1		1											1										3	
Group C 6,7 : r : -				1																				1	
Group C 6,8 : e,h : -			1																					1	
Group D 9,12 : - : -					1																			1	
Group D 9,12 : - : 1,5														1										1	
Group E 3,10 : r : -			4	1																				5	
Group F 11 : - : 1,2																	1							1	
Group G 13,23 : b : -									1															1	
Group R 40 : - : -																					1			1	
Species - : g,t : -											1													1	
Species - : r : -			1																					1	
Subspecies II 9,12 : a : 1,5																						1		1	
Subspecies IIb 60 : - : -			1																					1	
Total	28	94	128	106	106	28	14	33	20	8	2	57	19	10	36	19	68	36	39	10	136	49	71	59	1176

*Includes were Auckland district is not known

<i>Salmonella</i> Typhimurium	661
Other serotypes	515

Blood culture isolates	41
Urine culture isolates	15
Household clusters	21 (43 cases)
Recent overseas travel including immigration	130

Unusual isolates

Salmonella Typhi phage type E1a from synovial fluid.

First human isolates in New Zealand

S. Ajlobo	13,23 : z4,z23 : -
S. Ferruch	8 : e,h : 1,5
S. Molade	8,20 : z10 : z6
S. Subspecies 1 4,[5],12 : i : -	
S. Typhimurium phage type 107	
S. Yoruba	16 : c : l,w

No mixed infections were confirmed