

Human Salmonella Serotypes, 2004

Serotype	Health Districts																									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					2														1						3	
Agona	1		1	1												1	1	1							6	
Altona		1																							1	
Anatum			2	1																					3	
Anatum 15+			1																1						2	
Ball			1																						1	
Bareilly				3															1		1				5	
Birkenhead																		1							1	
Bovismorbificans			2		2							1					2							1	8	
Braenderup		1	1	1													1								4	
Brandenburg		4	2	2	1	1						2	1				1	1			4	9	18	40	86	
Butantan									2																2	
Corvallis			7		1												2				1				11	
Derby		1																							1	
Eastbourne												1													1	
Enteritidis phage type	1	1			1	1																			4	
1b		1	4		1												1				2				9	
1 variant			2																						2	
2		1																							1	
4			3		3						1							3					1		11	
4b		4	1		1								1				2	1			1		2		13	
6			1		1								1								1				4	
6a			2	1		1								1			1	1			2				9	
7				1																					1	
8		1	1	1					1																4	
9a	2	3	2	1	7	4					1	1	2	1	3		1	1	2	1	8	2		2	44	
9a variant				1	3																1		1		6	
13			1					1					2						1						5	
14b					1																				4	
21			1																		1				2	
21c									1				1											1	3	
25					1																				1	
26		2	2	1	1													2							8	
28		1																							1	
34	1																								1	
40		1																							1	
RDNC			2		1																				3	
Rough			1																						1	
Untypable		2	1														1								4	
Haardt					1																				1	
Hadar						1																	1	1	3	
Haifa																	1								1	
Havana																					1				1	
Heidelberg		1	2																						3	
Hindmarsh				1												1		1							3	
Hvittingfoss																							1		1	
Infantis	8	7	7	6	5	1	2		4	1	1	5	2	5					1		2		2	4	63	
Javiana			2	1																					3	
Kentucky																					1				1	
Lansing																1									1	
Lexington 15+			1																						1	
Liverpool				2																					2	
London		1																							1	
Manhattan																									1	
Mbandaka		2	2		1	1									1								1		8	
Mgulani			1	1																					2	
Mississippi				1														1			8				10	
Montevideo	1		2		1	1						1									1		1		8	
Newport	2	1	2	1								1							1		3				11	
Ohio			1																		1				2	
Okatie				1																					1	
Oranienburg	1		2														1	1						1	6	
Orion 15+			1																						1	
Oslo				1																					1	
Panama				1		1										1					1				4	
Paratyphi A		2	2	3					1												1				9	
Paratyphi B												1							1						2	
Paratyphi B var. Java	1	2		1	3	2			2			1					2		2		3			1	20	
Pensacola	1	1	3																						5	
Poona						1						1													2	
Reading			1																		2				3	
Rissen		2																						1	4	
Ruiru												1													1	
Saintpaul	1				3							2			1		1	1	2		4	3	9	6	33	
Sandiego				1																	1				2	
Schwarzengrund			1	1																					2	
Senftenberg		2	1																				1		4	
Stanley			1		1																				2	
Thompson	1	4	1	1	1				1				4			5		4							22	
Typhi		3	9	14	2	1												1	3	1					34	

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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
Typhimurium phage type	7	2	6	2	8	4	3		1			4	2	1			3	1	5		6	7	3		65
1 variant																			1						1
4													2												2
8	1				2												2	2							7
9			1	1				1					1	1				1	1					2	9
12a	1	2		1	2							3	1	1	1			1			8	1		1	23
23			1		1	1											1								4
40																		1			1				2
41																	1					2	1		4
42				1	4	1											2			1	12	1			22
42a																					1				1
49a	1																								1
74		4	9	3	5	2			2			3			1		4	1	3		6		2	1	46
101	3	2	4	2	7							2	1				1		2		3	1	3		31
104				2																					2
126					1																1				2
130																	1								1
135			4	4	4	3	1		1				1				1					1	10		30
154					1																				1
155					2																2				4
156	3	3	8	2	9	3			1			1	4		1	1	9		3		7		1		56
160	10	20	15	16	17	11	3	2	1	2		16	6	6	10	1	14	5	3	2	26	13	14	8	221
199												1													1
205					1																1				2
206	1																				1		1		3
RDNC		1	5		1	1						3	5	2			1		1		4				24
Rough			1												1		1								3
Untypable	1		1	1	1								1				2	1					1	2	11
Uganda				1																					1
Virchow		4	7	5	3	2			1								2				2				26
Wandsworth				1																					1
Wangata		1																							1
Waycross			1																						1
Weltevreden		1	4	3	1	1			1			1												1	13
Weltevreden 15+		1	1	1	1				1																5
Group B 4,12 :- : 1,2																		1		1				1	3
Group B 4,12 : d :-									1																1
Group B 4,5,12 : d :-		3	4	3	2				1								1	1			3			1	19
Group C 6,7 : eh :-																							1		1
Group C 6,7 : k :-												1													1
Group C 6,8 : eh :-			1																					1	2
Group C 6,8,20 : eh :-																				1					1
Group D 9,12 :- :-													1												1
Group D 9,12 :- : 1,5		1																							1
Group E 3,10 : r :-		2	4	1								2													9
Group E 3,15 : r :-			1																						1
TOTAL	49	99	161	101	118	46	10	3	21	4	3	57	37	18	25	6	76	25	36	5	140	40	74	75	1229

S. Typhimurium 580
Others 649

* Includes where precise Auckland district is unknown

Blood culture isolates 50
CSF 1
Urine 22
Household clusters 31
Incoming visitors and immigrants 161

Unusual isolates

S. Typhimurium phage type 135 - Bone Marrow

S. Brandenburg - ankle aspirate, septic arthritis

First human isolate in NZ:

S. Ruiru

S. Butantan. Household pair.

S. Altona

S. Okatie

S. Wangata

Mixed Infections

S. Butantan and S. Weltevreden 15+

S. Rissen and Group B 4,5,12 : d :-

S. Lexington 15+ and S. Virchow

S. Enteritidis RDNC and Group B 4,5,12 : d :-

S. Corvallis and S. Rissen

All these cases were from recent overseas travel.