

	Health District																								
41 variant																					1				
42	2	5	2	4	3		2	1		1	1	2			1	6		11	1	26	3	13	10	93	
66A		1																						1	
74	1	6		1											1	3		4		3		2		21	
75		1																						1	
101	3	1	8	8	6	3	1					4		5	1	3		5	2	16	1	5		72	
101 variant																					1			1	
126			1											1										2	
135		1	2	5	6		1								2	1				1		8		27	
154								1				1			1									3	
155													3							1				4	
155 variant																			1					1	
156	7		5	2	6			1				2		7	4	17	2	3		7		4		67	
156 Variant					1	1																		2	
160	1	2	14		8	8	3	1	2			8	3	10	5	9	9	5	1	25	2	14	5	135	
160 Variant				1																				1	
195	1		6			1										2		1		1			1	13	
U302					1															1				2	
U310		1			3														1					5	
RDNC	2	3	4		6			2				2	2	1	1	1	4		1		6	3	3	41	
RDNC-May 06	5	4	11	5	13			1	2			4			2		1	2			4		1	55	
Rough	1		3	1		1		2						1		1	1				2	1		14	
Untypable	1	1	4	2	1	1	1					1		1		1		1	1	1		5	1	23	
Typhimurium - MeganVac strain					1																			1	
Victoria																						2	1	3	
Virchow			11	1	1																	1		14	
Wangata			2											1								1		4	
Welleveden		1		2	2			1												2				8	
Welleveden 15+		1	1		1											1								4	
Zanzibar		1																						1	
Group B species 4,12 : l,v :-			1																					1	
Group B species 4,5,12 :- (non motile)																						1		1	
Group B species 4,5,12 : d :-		1	2									1		1							1		1	7	
Group C species 6,7 : k :-	3	1	2															1						7	
Group C species 6,7 : r :-																		1			1			2	
Group E species 3,10 : r :-			3		1									3		1								8	
Group E species 3,15 : r :-																1								1	
Group E species 3,19 : i :-					1																			1	
Group G species 13,23 :- (non motile)					1																			1	
Group G species 13,23 : b :-			2																					2	
Group I species 16 :- : 1,7																								1	
Group I species 16 :- : e,n,x																								1	
Subspecies I :- : b : e,n,x					1																			1	
Total	43	55	213	66	127	69	6	17	22	2	2	37	38	6	59	17	110	27	65	8	210	28	136	36	1399

*Includes where precise Auckland district is not known

S. Typhimurium 729
Others 670

Blood culture isolates 40
Urine isolates 20
Household clusters 24 (49 cases)
Recent overseas travel 159

Unusual isolates

S. Enteritidis phage type 21c from aspirate 1
S. Typhi phage type E1a from aspirate 1
S. Group B species 4, 5, 12 : d : - from aspirate 1
S. Mbandaka from aspirate 1
S. Enteritidis phage type 26 from cerebral spinal fluid 1
S. Brandenburg from dialysis line 1
S. Enteritidis phage type 6a from knee 1

First human isolates in New Zealand

S. Onderstepoort
S. Enteritidis phage type 38
S. Typhi phage type 58
S. Typhimurium phage type 66a
S. Typhimurium phage type U310
S. Typhimurium MeganVac

The New Zealand poultry industry employs *Salmonella* vaccines such as the "MeganVac" which is a genetically modified vaccine that provides protection against S. Typhimurium, S. Enteritidis, and S. Heidelberg.

Mixed infections

S. Typhimurium phage type 135 and phage type 29
S. Typhi phage type E1a and S. Group B species 4, 5, 12 : d : -
S. Typhi phage type D2 and S. Paratyphi A