Verocytotoxin-producing *E. coli* (VTEC/STEC) confirmed by ERL in 2015

	DHB																		
E. coli serotype	Auckland	Bay of Plenty	Canterbury	Capital and Coast	Counties Manukau	Hawkes Bay	Lakes	MidCentral	Nelson Marlborough	Northland	South Canterbury	Southern	Taranaki	Waikato	Wairarapa	Waitemata	West Coast	Whanganui	Total
O103:H2	1													1					2
O103:H25	2																		2
O112:H8	1																		1
O117:H7	2																		2
O128:H2	3				1														4
O128:HNM[2]	1																		1
O130:H11												1							1
O145:HNM	1																		1
O146:H21	1				1														2
O149:H18	1																		1
O153:H2	3													1					4
O157:H7[1]	9	7	10	5	1	1	2	4	2	6	1	9		15	1	2	2	1	78
O157:H7	24	8	12	1	5	1	2	1		2	8	3	8	27		2	1		105
O163:H19	1																		1
O174:H8	1																		1
O174:HNM	1																		1
O176:HNM	2								3			4		1					10
O177:HNM												1							1
O178:H7									1										1
O179:H8					1														1
O183:H18	1																		1
O186:H10	1																		1
O26:H11	7		1						4							2			14
O38:H26	2				1							1		1					5
O38:HNM														1					1
O55:HNT[3]	1																		1
O8:H28	1																		1
O80:HNM														1					1
O84:H2														1					1
O91:H21					1														1
O91:HNM	4									1									5
ONT:H11	2																		2
ONT:H2	7		1											1					9
ONT:H26														1					1
ONT:H49	1																		1
ONT:H8	1													1					2
ONT:HNM	6								1			1		2					10
ONT:HNT	1																		1
ORough:H16	1																		1
ORough:H2	1																		1
ORough:H7	1																		1
ORough:HNM	1											2							3
Verocytotoxin detected[4]	50				2					6						1			59
Total	143	15	24	6	13	2	4	5	11	15	9	22	8	54	1	7	3	1	343

[1] Non-Motile (NM)
[2] Isolate was non-motile, H7 was detected by PCR
[3] Non-Typable (NT)
[4] Verocytotoxin detected by PCR but STEC could not be isolated

Household Clusters (all confirmed to be *E. coli* O157, unless otherwise indicated):
5 from South Canterbury: 2 cases (3 clusters), 3 cases (2 clusters)
4 from Canterbury: 2 cases (3 clusters), 3 cases (1 cluster)
6 from Auckland: 2 cases (5 clusters, 3 of which where of *E. coli* non-O157), 3 cases (1 cluster).
2 from Waikato: 2 cases, 3 cases
1 from Tauranga: 3 cases

Mix infection:
One case from Waikato was infected with both *E. coli* O157 and *E. coli* O176:HNM