

Verocytotoxin-producing *E.coli* (VTEC/STEC) confirmed by ERL in 2013

There were 215 STEC confirmed in 2013 (192 *E. coli* O157:H7), compared to 142 STEC in 2012 (119 *E. coli* O157:H7).

Escherichia coli serotype	DHB																Total		
	Auckland	Bay of Plenty	Canterbury	Capital and Coast	Counties Manukau	Hawkes Bay	Hutt Valley	Lakes	MidCentral	Nelson Marlborough	Northland	South Canterbury	Southern	Taranaki	Waikato	Wairarapa		Waitemata	West Coast
O157:H7	52	9	24	4	6	2	1	7	3	2	8	3	8	8	46	1	6	2	192
O26:H11	1																		1
O38:H26					1														1
O84:HNM*					1														1
O84:NT*											1								1
O103:H25																	1		1
O116:H11			1																1
O121:H19	2																		2
O121:HNT	1																		1
O129:HNM													1						1
O128:H2					1														1
O145:H34													1						1
O156:H25					1														1
O163:H19																	1		1
O177:HNM										1								1	1
O179:H8												1							1
O182:HNM													1						1
ONT:H11	1																		1
ONT:H2												1							1
ONT:HNM											1								1
ORough:H2					1														1
ORough:HNM																			1
Verocytotoxin detected by PCR <sup>†</sup>			1																1
<b>Total</b>	<b>57</b>	<b>9</b>	<b>27</b>	<b>4</b>	<b>10</b>	<b>2</b>	<b>1</b>	<b>7</b>	<b>3</b>	<b>3</b>	<b>10</b>	<b>5</b>	<b>11</b>	<b>8</b>	<b>46</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>215</b>

\* NM: Non-Motile

\* NT: Non-Typable

<sup>†</sup> Verocytotoxin was detected by PCR but we were unable to isolate the VTEC

Based on the information provided, 3 isolates of *E. coli* O157 and one isolate of *E. coli* O179:H8 were from patient with HUS

14/F from Taranaki

2/M from Auckland

4/F from Canterbury

2/F from Southern Canterbury

Household clusters

1 from Waitemata: 2 cases (*E. coli* O157)

4 from Canterbury: 1 with 6 cases (*E. coli* O157)

8 from Auckland: 3 with 2 cases each (*E. coli* O157)

6 with 2 cases each (*E. coli* O157)

1 with 3 cases (*E. coli* O157)

1 with 2 cases (*E. coli* O121)

1 from Waikato: 2 cases (*E. coli* O157)