

VEROCYTOTOXIN-PRODUCING ESCHERICHIA COLI (VTEC/STEC)

There were 85 laboratory confirmed isolations of *E.coli* O157:H7 during 2005 compared with 75 in 2004.

E.coli O157:H7 isolates by Health District, 2005

Clinical Data	NL	CA	WK	TG	BE	GS	RO	HB	TK	MW	WN	HU	NM	WC	CB	SC	OT	SO	Total
HUS	1										2			1	1			1	6
Bloody diarrhoea	3	2	5	5	1		1			1	1		1		1	1	3	1	26
Diarrhoea/vomiting		4	9	4		1		2	1			1			7	3	7	3	42
Asymptomatic/contacts			1					1											2
No details given		3	1				1								4				9
Total	4	9	16	9	1	1	2	3	1	1	3	1	1	1	13	4	10	5	85

There were six non-O157 isolates

- O26:H21 Bloody diarrhoea, Auckland
- ONT:H8 No details given, Auckland
- O117:H7 No details given, South Auckland
- O177:HNM Diarrhoea, Hawkes Bay
- O84:HNM Diarrhoea, Hawkes Bay
- O176:HNM Diarrhoea, Otago

A VTEC was detected by PCR from a mixed culture from a Rotorua 2 year old presenting with HUS. A positive colony was not able to be isolated; therefore, serotyping could not be done.