

**Shigella isolates confirmed by ERL in 2019**

There were 199 *Shigella* isolates confirmed in 2019, compared with 198 in 2018. *Shigella sonnei* biotype g was the most common species confirmed in 2018 with 73 cases.

Shigella species/subtype	DHB															Total	
	Auckland	Bay of Plenty	Canterbury	Combined Auckland	Combined Wellington	Counties Manukau	Hawkes Bay	Lakes	MidCentral	Nelson Marlborough	Northland	Southern	Tairāwhiti	Taranaki	Waikato		Waitemata
<i>boydii</i> <sup>*</sup>				1													1
<i>boydii</i> 1			1														1
<i>boydii</i> 10									1								1
<i>dysenteriae</i> <sup>†</sup>			1									1		1			3
<i>dysenteriae</i> 2	1																1
<i>dysenteriae</i> 3												1					1
<i>flexneri</i> <sup>‡</sup>				1	1												2
<i>flexneri</i> 1a	1			3	1							1					6
<i>flexneri</i> 1b	6			1		3						1	1			2	14
<i>flexneri</i> 1c	2			2	2									1		1	8
<i>flexneri</i> 2a	2	1	2	7	2	1		1		1	1					1	19
<i>flexneri</i> 2b	1			1			1	1									5
<i>flexneri</i> 3a		1	1	1	1					1							5
<i>flexneri</i> 3b	1			2		1										1	5
<i>flexneri</i> 4av	1			1													2
<i>flexneri</i> 4b	1			2													3
<i>flexneri</i> 6 biotype Boyd 88	1		2	5		3											12
<i>flexneri</i> X				1													1
<i>flexneri</i> Yv				2													2
<i>sonnei</i> biotype a	2	5	4	14	4	1	1								1	1	33
<i>sonnei</i> biotype f				1													1
<i>sonnei</i> biotype g	4		9	38	8	3		1				4		1	4	1	73
<b>Total</b>	<b>23</b>	<b>7</b>	<b>20</b>	<b>83</b>	<b>19</b>	<b>12</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>8</b>	<b>1</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>199</b>

<sup>\*</sup>These isolates were confirmed biochemically as *Shigella boydii* but did not agglutinate with any of the polyvalent antisera

<sup>†</sup>These isolates were confirmed as *Shigella dysenteriae* by whole genome sequencing but did not agglutinate with any of the *Shigella* polyvalent antisera.

<sup>‡</sup>Agglutinated with polyvalent *Shigella flexneri* antisera but not with any of the single factors