

**Shigella isolates confirmed by ERL in 2018**

There were 198 Shigella isolates confirmed in 2018, compared with 239 in 2017. Shigella sonnei biotype g was the most common species confirmed in 2018 with 61 cases.

Shigella species/subtype	DHB														Total	
	Auckland	Bay of Plenty	Canterbury	Capital and Coast	Combined Auckland	Combined Wellington	Counties Manukau	Hawkes Bay	Hutt Valley	MidCentral	Northland	Southern	Taranaki	Waikato		Waitemata
boydii *	1				1							1				3
boydii 1					1			1								2
boydii 10					1											1
boydii 13						1										1
boydii 2					1				1							2
boydii 4													2			2
dysenteriae <sup>†</sup>					2											2
dysenteriae 13			1													1
dysenteriae 3					1											1
flexneri <sup>^</sup>					1										1	2
flexneri 1a					1	1	1									3
flexneri 1b	7	1			16	2	7						1		2	36
flexneri 1c			1		3		2									6
flexneri 2a			2		7	1		2			1			1	1	15
flexneri 2b					1											1
flexneri 3a		1			2											3
flexneri 3b					1											1
flexneri 4a					1											1
flexneri 6 biotype Boyd 88	1	1			4		1					2		2	2	13
flexneri Y					2											2
flexneri Yv					1											1
sonnei biotype a		4	1	1	15	1	5	1				3	2	3	1	37
sonnei biotype f					1											1
sonnei biotype g	4	1	10		31	6				2		3		4		61
<b>Total</b>	<b>13</b>	<b>8</b>	<b>15</b>	<b>1</b>	<b>94</b>	<b>12</b>	<b>16</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>9</b>	<b>3</b>	<b>12</b>	<b>7</b>	<b>198</b>

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

<sup>†</sup>These isolates were confirmed 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