

Human *Salmonella* serotypes - May 2014

| Serotype                         | Health District |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          | Total     | Blood    | Urine    | Travel <sup>R</sup> |           |          |          |           |
|----------------------------------|-----------------|----------|-----------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|-----------|----------|----------|---------------------|-----------|----------|----------|-----------|
|                                  | NL              | NW       | CA <sup>A</sup> | SA        | WK       | TG       | BE       | GS       | RO       | TP       | RU       | HB       | TK       | WG       | MW       | WR       | WN        | HU       | NM       | WC       |           |          |          |                     | CB        | SC       | OT       | SO        |
| Aberdeen                         |                 |          |                 | 1         |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     | 1         |          |          |           |
| Agona                            |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          | 1         |          |          |          |           |          |          |                     |           | 1        |          |           |
| Bareilly                         |                 |          |                 |           | 1        |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 1        |          | 1         |
| Brandenburg                      |                 |          |                 |           |          |          |          |          | 1        |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 1        |          |           |
| Derby                            |                 |          |                 | 1         |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 1        |          |           |
| Enteritidis phage type:          |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           |          |          |           |
| 1                                |                 |          |                 | 1         |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 1        |          | 1         |
| 11                               |                 | 1        |                 | 1         |          |          |          |          |          |          |          |          |          | 1        |          |          |           |          |          | 2        |           |          |          |                     |           | 5        |          |           |
| RDNC                             |                 |          |                 | 1         |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 1        |          |           |
| Havana <sup>C</sup>              |                 |          |                 |           | 1        |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 1        |          |           |
| Infantis                         | 1               |          |                 | 4         | 2        |          | 1        |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 8        |          |           |
| Javiana                          |                 |          |                 | 3         |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 3        |          | 1         |
| Mbandaka                         |                 |          |                 | 1         |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 1        | 1        |           |
| Mississippi                      |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          | 1        |           |          |          | 1        |           |          |          |                     |           | 2        |          | 1         |
| Montevideo                       |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          | 1        |           |          |          |                     |           | 1        |          |           |
| Muenchen <sup>C</sup>            |                 |          |                 |           | 1        |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 1        |          | 1         |
| Newport                          |                 |          | 1               | 1         |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 2        |          |           |
| Oslo                             |                 |          |                 | 2         |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 2        |          |           |
| Panama                           |                 |          |                 |           |          |          |          |          | 1        |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 1        |          | 1         |
| Paratyphi A                      |                 |          | 1               | 1         |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 2        | 2        | 2         |
| Paratyphi B var. Java            |                 |          | 2               |           |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 2        |          |           |
| Pensacola                        |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          | 1        |           |          |          |                     |           | 1        |          |           |
| Saintpaul                        |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          | 1        |                     |           | 1        |          |           |
| Singapore <sup>C</sup>           |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          | 1         |          |          |          |           |          |          |                     |           | 1        |          |           |
| Stanley                          |                 |          |                 | 1         |          |          |          |          |          |          |          |          |          | 1        |          |          |           |          |          |          |           |          |          |                     |           | 2        |          | 1         |
| Typhi <sup>F</sup>               |                 | 1        |                 |           |          |          |          |          |          |          |          |          |          |          |          |          |           | 1        |          |          |           |          |          |                     |           | 2        | 2        | 2         |
| Typhimurium phage type:          |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           |          |          |           |
| 1                                |                 |          |                 |           |          |          |          |          |          |          |          |          |          | 1        |          |          |           |          |          |          | 1         |          |          |                     |           | 2        |          | 1         |
| 9                                |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          | 1        |           |          |          |          |           |          |          |                     |           | 1        |          | 1         |
| 12a                              |                 |          | 1               |           |          |          |          |          |          |          |          |          |          | 1        |          | 1        |           |          |          |          |           |          |          |                     |           | 3        |          |           |
| 23                               | 2               |          |                 |           |          |          |          |          |          |          |          | 1        |          |          |          |          |           |          |          |          |           |          |          |                     |           | 3        | 1        |           |
| 40                               |                 |          |                 |           | 1        |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 1        |          |           |
| 56 variant                       |                 |          |                 | 1         |          |          |          |          |          |          |          | 1        |          |          |          |          |           |          |          | 1        |           | 1        |          |                     |           | 4        | 1        |           |
| 74                               |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          |           | 1        |          |          |           | 1        |          |                     |           | 2        |          |           |
| 101                              |                 |          | 1               |           |          |          |          |          | 1        |          |          |          |          |          |          |          |           |          |          | 2        |           |          |          |                     |           | 4        |          |           |
| <sup>C</sup> 120                 |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          | 4        |           |          |          |          |           |          |          |                     |           | 4        |          | 1         |
| 135                              |                 |          |                 |           |          |          |          |          |          |          |          |          |          | 1        |          |          |           |          |          |          |           | 1        | 1        |                     |           | 3        |          |           |
| 154                              |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          |           | 1        |          |          |           |          |          |                     |           | 1        |          |           |
| 160                              |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           | 1        |          |                     |           | 1        |          |           |
| 193                              |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          | 1        |           |          |          |                     |           | 1        |          |           |
| 195                              |                 |          |                 | 1         |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           | 1        |          |                     |           | 1        |          |           |
| RDNC                             |                 |          |                 | 2         |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          | 2        |           | 1        | 1        |                     |           | 7        |          | 3         |
| Untypable                        |                 |          |                 | 1         |          |          |          |          |          |          |          | 1        |          |          |          |          |           |          |          |          | 1         |          | 1        |                     |           | 2        |          | 1         |
| Victoria <sup>C</sup>            |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          |           | 1        |          |          |           | 1        |          |                     |           | 2        |          | 1         |
| Weltevreden                      |                 | 2        |                 | 1         |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 3        |          |           |
| subsp. (I) ser. 3,10 : r : -     |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          | 1         |          |          |          |           |          |          |                     |           | 1        |          | 1         |
| subsp. (I) ser. 4,5,12 : - : 1,2 |                 |          |                 | 1         |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 1        |          |           |
| subsp. (I) ser. 4,5,12 : b : -   |                 |          |                 |           |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          | 1         |          |          |                     |           | 1        |          |           |
| subsp. (I) ser. 4,5,12 : i : -   |                 |          |                 | 1         | 1        |          |          |          |          |          |          |          |          |          |          |          |           |          |          |          |           |          |          |                     |           | 3        |          | 2         |
| <b>Total</b>                     | <b>3</b>        | <b>4</b> | <b>7</b>        | <b>26</b> | <b>6</b> | <b>0</b> | <b>1</b> | <b>0</b> | <b>3</b> | <b>0</b> | <b>0</b> | <b>2</b> | <b>1</b> | <b>0</b> | <b>5</b> | <b>0</b> | <b>10</b> | <b>0</b> | <b>4</b> | <b>0</b> | <b>14</b> | <b>1</b> | <b>6</b> | <b>3</b>            | <b>96</b> | <b>5</b> | <b>2</b> | <b>21</b> |

\* Includes where Auckland Health District is unknown

<sup>C</sup> Uncommon serotype or phage type

<sup>F</sup> First time isolated in New Zealand

<sup>R</sup> Recent overseas travel

Typhi phage type confirmed this month:

A (degraded) (recent overseas travel to India)

E4<sup>F</sup> (recent overseas travel to Vanuatu)

S. Typhimurium 40

Other serotypes 56