



## Department of Health

### STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program  
Communicable Disease Control Directorate

Report for eight week period 16-JUL-18 to 09-SEP-18

#### **GENERAL NOTES**

1. Data are extracted on a weekly basis from the Western Australian Notifiable Infectious Diseases Database (WANIDD).
2. Data are provisional only and are subject to change.
3. For enquiries please contact the Communicable Disease Control Directorate (9222 0255) or a regional Public Health Unit.

#### **SPECIFIC NOTES (numbers below refer to numbers in square brackets in tables)**

1. If a disease is not listed it indicates that no notifications have been received in the preceding 12 months.
2. "Date of Onset" is a composite of the "true" date of onset provided by the notifying doctor, the date of specimen collection for laboratory notified cases, and when neither of these dates are available, the date of notification by the doctor or laboratory, or the date of receipt of the notification, whichever is earliest.  
  
For blood-borne viruses (whether newly acquired or unspecified), leprosy, syphilis (non-infectious) and tuberculosis, data are provided by date of receipt at the PHU/CDCD.
3. Defined as mean of previous, comparable and subsequent 4-week periods for the past five years. For example, if the current 4-week period is April 2nd - 29th 2017, then this period is compared to the mean number of cases for fifteen 4-week intervals made up of March 5th - April 1st 2016, April 2nd - 29th 2016, and April 30th - May 27th 2016, and the corresponding periods for 2015, 2014, 2013 and 2012. That is, the comparison figure should represent an average expectation of the number of cases for a similar 4-week period of the year. For diseases that have been notifiable for less than 5 years, the mean figure for periods prior to the disease becoming notifiable will be 0.
4. Ratio = ratio of last 4 weeks total to mean of 15 four-week periods, as described in specific note 3.
5. Figures in parentheses are numbers of cases in corresponding period last year. If no figure appears, this indicates there were no cases.
6. Cumulative year-to-date rate. That is, total cases in the current year, divided by relevant population, expressed as cases per 100,000 population (crude notification rate). Population data are estimates based on Australian Bureau of Statistics population projection series 'B' for Western Australia using the Department of Health's Rates Calculator to derive regional populations.

Weekly surveillance reports can be accessed at:

[http://ww2.health.wa.gov.au/Articles/F\\_I/Infectious-disease-data/Statewide-notifiable-diseases-weekly-report](http://ww2.health.wa.gov.au/Articles/F_I/Infectious-disease-data/Statewide-notifiable-diseases-weekly-report)

## STATEWIDE notifications for past 8 weeks[1] (by date of onset[2])

| Disease Category/Disease                    | Week Ending                    |            |            |            |            |            |            |            | Cumulative Total to end of week 36 |      |      | Total Last 4 Weeks | Mean of 15 x 4 week periods[3] | Ratio [4] |
|---|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------------------------------|------|------|--------------------|--------------------------------|-----------|
|   | 22/07                          | 29/07      | 05/08      | 12/08      | 19/08      | 26/08      | 02/09      | 09/09      | 2018                               | 2017 | 2016 |                    |                                |           |
|   | <b>Blood-borne diseases[2]</b> |            |            |            |            |            |            |            |                                    |      |      |                    |                                |           |
| Hepatitis B (newly acquired)                |                                |            | 1          | 1          |            |            |            |            | 13                                 | 11   | 19   | 0                  | 1.9                            | 0.0       |
| Hepatitis B (unspecified)                   | 8                              | 9          | 17         | 6          | 6          | 17         | 13         | 16         | 366                                | 387  | 479  | 52                 | 54.3                           | 1.0       |
| Hepatitis C (newly acquired)                | 2                              | 4          |            | 1          |            |            |            |            | 68                                 | 84   | 88   | 0                  | 11.7                           | 0.0       |
| Hepatitis C (unspecified)                   | 20                             | 20         | 22         | 12         | 29         | 25         | 21         | 12         | 648                                | 763  | 778  | 87                 | 78.9                           | 1.1       |
| Hepatitis D                                 | 1                              |            |            |            | 1          |            |            |            | 6                                  | 3    | 1    | 1                  | 0.1                            | 15.0      |
| <b>Enteric diseases</b>                     |                                |            |            |            |            |            |            |            |                                    |      |      |                    |                                |           |
| Campylobacteriosis                          | 82                             | 63         | 72         | 86         | 72         | 70         | 76         | 66         | 2223                               | 2276 | 2248 | 284                | 236.2                          | 1.2       |
| Cryptosporidiosis                           | 2                              |            | 2          | 1          | 2          | 1          |            | 1          | 80                                 | 368  | 200  | 4                  | 11.5                           | 0.3       |
| Hepatitis A                                 |                                | 1          |            |            |            |            | 1          |            | 7                                  | 10   | 13   | 1                  | 1.3                            | 0.8       |
| Listeriosis                                 |                                |            |            |            | 1          |            |            |            | 7                                  | 6    | 3    | 1                  | 0.7                            | 1.4       |
| Paratyphoid fever                           |                                |            |            |            |            |            |            |            | 4                                  | 4    | 11   | 0                  | 0.3                            | 0.0       |
| Rotavirus                                   | 11                             | 10         | 6          | 9          | 7          | 5          | 9          | 6          | 209                                | 410  | 108  | 27                 | 30.7                           | 0.9       |
| STEC/VTEC infection                         |                                | 2          | 1          | 3          | 3          | 1          | 1          |            | 50                                 | 36   | 18   | 5                  | 1.1                            | 4.4       |
| Salmonellosis                               | 41                             | 34         | 35         | 31         | 27         | 18         | 23         | 17         | 1539                               | 1936 | 1389 | 85                 | 102.6                          | 0.8       |
| Shigellosis                                 | 7                              | 7          | 5          | 7          | 4          | 2          | 3          | 4          | 188                                | 122  | 71   | 13                 | 7.5                            | 1.7       |
| Typhoid                                     |                                | 1          |            |            |            |            |            |            | 9                                  | 10   | 9    | 0                  | 0.9                            | 0.0       |
| Vibrio parahaemolyticus                     |                                |            |            | 1          | 1          |            |            | 1          | 11                                 | 14   | 19   | 2                  | 0.9                            | 2.3       |
| Yersiniosis                                 |                                |            |            |            |            |            |            |            | 8                                  | 11   | 12   | 0                  | 1.5                            | 0.0       |
| <b>Sexually transmissible infections</b>    |                                |            |            |            |            |            |            |            |                                    |      |      |                    |                                |           |
| Chlamydia (genital)                         | 234                            | 230        | 215        | 200        | 221        | 228        | 223        | 210        | 8141                               | 8284 | 8456 | 882                | 866.6                          | 1.0       |
| Gonorrhoea                                  | 57                             | 51         | 48         | 54         | 59         | 66         | 66         | 46         | 2267                               | 2544 | 2285 | 237                | 206.0                          | 1.2       |
| Syphilis - Infectious                       | 10                             | 8          | 8          | 4          | 13         | 11         | 6          | 8          | 271                                | 220  | 247  | 38                 | 17.5                           | 2.2       |
| Syphilis - Non-Infectious                   | 4                              | 1          | 7          | 5          | 2          | 4          | 1          | 1          | 157                                | 104  | 38   | 8                  | 8.7                            | 0.9       |
| <b>Vaccine preventable diseases</b>         |                                |            |            |            |            |            |            |            |                                    |      |      |                    |                                |           |
| Diphtheria                                  |                                |            |            |            |            |            |            |            | 0                                  | 0    | 0    | 0                  | 0.0                            | 0.0       |
| H. influenzae type b                        |                                |            |            |            |            |            |            |            | 1                                  | 0    | 1    | 0                  | 0.1                            | 0.0       |
| Influenza                                   | 146                            | 121        | 121        | 162        | 222        | 240        | 220        | 234        | 3574                               | 3390 | 5502 | 916                | 1171.0                         | 0.8       |
| Measles                                     | 2                              | 2          | 2          | 6          | 3          |            |            |            | 26                                 | 17   | 4    | 3                  | 1.3                            | 2.4       |
| Mumps                                       |                                | 1          |            |            |            |            |            |            | 18                                 | 19   | 463  | 0                  | 14.3                           | 0.0       |
| Pertussis                                   | 22                             | 29         | 28         | 29         | 33         | 29         | 19         | 21         | 911                                | 976  | 1038 | 102                | 152.7                          | 0.7       |
| Pneumococcal infection                      | 6                              | 3          | 5          | 5          | 8          | 3          | 4          | 3          | 134                                | 148  | 135  | 18                 | 23.5                           | 0.8       |
| Rubella (non-congenital)                    |                                | 1          |            |            |            |            |            |            | 1                                  | 2    | 0    | 0                  | 0.3                            | 0.0       |
| Varicella (chicken pox)                     | 8                              | 21         | 13         | 13         | 9          | 10         | 1          | 7          | 402                                | 481  | 404  | 27                 | 48.1                           | 0.6       |
| Varicella (shingles)                        | 39                             | 41         | 31         | 47         | 40         | 21         | 12         | 7          | 1443                               | 1339 | 1138 | 80                 | 119.8                          | 0.7       |
| Varicella (unspecified)                     | 30                             | 25         | 28         | 37         | 27         | 36         | 55         | 65         | 1201                               | 1147 | 1105 | 183                | 106.4                          | 1.7       |
| <b>Vector-borne diseases</b>                |                                |            |            |            |            |            |            |            |                                    |      |      |                    |                                |           |
| Barmah Forest virus                         | 1                              | 1          |            |            | 2          |            |            | 1          | 30                                 | 29   | 8    | 3                  | 10.3                           | 0.3       |
| Chikungunya                                 |                                |            |            |            |            | 1          | 1          |            | 2                                  | 8    | 5    | 2                  | 1.7                            | 1.2       |
| Dengue fever                                | 3                              | 4          | 2          | 4          | 1          |            | 3          | 1          | 87                                 | 142  | 477  | 5                  | 25.8                           | 0.2       |
| Japanese encephalitis virus                 |                                |            |            |            |            |            |            |            | 1                                  | 0    | 0    | 0                  | 0.0                            | 0.0       |
| Malaria                                     |                                | 1          | 1          |            | 3          | 2          |            | 2          | 31                                 | 51   | 45   | 7                  | 4.0                            | 1.8       |
| Murray Valley encephalitis virus            |                                |            |            |            |            |            |            |            | 1                                  | 0    | 0    | 0                  | 0.0                            | 0.0       |
| Ross River virus                            | 2                              | 4          | 5          | 5          | 5          | 3          | 6          | 14         | 373                                | 964  | 262  | 28                 | 38.9                           | 0.7       |
| Typhus                                      |                                | 1          |            |            | 1          |            |            | 1          | 14                                 | 13   | 24   | 2                  | 1.2                            | 1.7       |
| Zika virus                                  |                                |            |            |            |            |            |            |            | 1                                  | 1    | 10   | 0                  | 0.5                            | 0.0       |
| <b>Zoonotic diseases</b>                    |                                |            |            |            |            |            |            |            |                                    |      |      |                    |                                |           |
| Brucellosis                                 |                                |            |            |            |            |            |            |            | 1                                  | 0    | 0    | 0                  | 0.0                            | 0.0       |
| Leptospirosis                               | 1                              |            |            |            |            |            |            |            | 2                                  | 2    | 4    | 0                  | 0.3                            | 0.0       |
| Psittacosis                                 |                                |            |            |            | 1          |            |            |            | 2                                  | 3    | 0    | 1                  | 0.1                            | 7.5       |
| Q Fever                                     |                                |            |            | 1          | 1          | 1          |            |            | 8                                  | 6    | 7    | 2                  | 0.5                            | 4.3       |
| <b>Other diseases</b>                       |                                |            |            |            |            |            |            |            |                                    |      |      |                    |                                |           |
| Acute post-streptococcal glomerulonephritis |                                |            | 1          |            | 1          |            |            |            | 18                                 | 0    | 0    | 1                  | 0.0                            | 0.0       |
| Creutzfeldt-Jakob disease                   |                                |            |            |            |            |            |            |            | 5                                  | 5    | 6    | 0                  | 0.4                            | 0.0       |
| Haemolytic Uraemic Syndrome                 |                                |            |            |            |            |            |            |            | 1                                  | 3    | 1    | 0                  | 0.1                            | 0.0       |
| Legionellosis                               | 1                              | 1          |            |            |            | 1          | 2          |            | 28                                 | 25   | 43   | 3                  | 7.5                            | 0.4       |
| Leprosy                                     |                                |            |            |            | 1          |            |            |            | 1                                  | 2    | 3    | 1                  | 0.4                            | 2.5       |
| Melioidosis                                 |                                |            | 1          |            |            |            |            | 1          | 5                                  | 6    | 2    | 1                  | 0.5                            | 1.9       |
| Meningococcal infection                     | 1                              | 1          |            | 3          | 1          | 2          | 3          | 1          | 25                                 | 23   | 12   | 7                  | 2.5                            | 2.8       |
| Tuberculosis                                | 2                              | 2          | 1          |            | 2          | 3          | 1          | 3          | 79                                 | 78   | 90   | 9                  | 11.6                           | 0.8       |
| <b>Grand Total</b>                          | <b>743</b>                     | <b>701</b> | <b>678</b> | <b>732</b> | <b>809</b> | <b>800</b> | <b>770</b> | <b>749</b> |                                    |      |      |                    |                                |           |

## METROPOLITAN notifications for past 8 weeks[1] (by date of onset[2])

| Disease Category/Disease                 | Week Ending                    |            |            |            |            |            |            |            | Cumulative Total to end of week 36 |      |      | Total Last 4 Weeks | Mean of 15 x 4 week periods[3] | Ratio [4] |
|--|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------------------------------|------|------|--------------------|--------------------------------|-----------|
|  | 22/07                          | 29/07      | 05/08      | 12/08      | 19/08      | 26/08      | 02/09      | 09/09      | 2018                               | 2017 | 2016 |                    |                                |           |
|  | <b>Blood-borne diseases[2]</b> |            |            |            |            |            |            |            |                                    |      |      |                    |                                |           |
| Hepatitis B (newly acquired)             |                                |            | 1          |            |            |            |            |            | 10                                 | 7    | 18   | 0                  | 1.3                            | 0.0       |
| Hepatitis B (unspecified)                | 6                              | 9          | 12         | 4          | 5          | 17         | 12         | 14         | 305                                | 328  | 403  | 48                 | 39.5                           | 1.2       |
| Hepatitis C (newly acquired)             | 2                              | 3          |            | 1          |            |            |            |            | 53                                 | 57   | 67   | 0                  | 8.7                            | 0.0       |
| Hepatitis C (unspecified)                | 15                             | 13         | 15         | 6          | 17         | 21         | 13         | 8          | 471                                | 546  | 537  | 59                 | 53.6                           | 1.1       |
| Hepatitis D                              | 1                              |            |            |            | 1          |            |            |            | 5                                  | 2    | 1    | 1                  | 0.1                            | 15.0      |
| <b>Enteric diseases</b>                  |                                |            |            |            |            |            |            |            |                                    |      |      |                    |                                |           |
| Campylobacteriosis                       | 66                             | 44         | 52         | 67         | 57         | 58         | 56         | 57         | 1761                               | 1806 | 1802 | 228                | 185.1                          | 1.2       |
| Cryptosporidiosis                        | 2                              |            |            | 1          | 1          |            |            | 1          | 39                                 | 271  | 138  | 2                  | 7.3                            | 0.3       |
| Hepatitis A                              |                                |            |            |            |            |            | 1          |            | 6                                  | 8    | 12   | 1                  | 1.2                            | 0.8       |
| Listeriosis                              |                                |            |            |            |            |            |            |            | 4                                  | 6    | 2    | 0                  | 0.7                            | 0.0       |
| Paratyphoid fever                        |                                |            |            |            |            |            |            |            | 4                                  | 4    | 10   | 0                  | 0.3                            | 0.0       |
| Rotavirus                                |                                |            |            |            |            |            |            |            | 4                                  | 4    | 10   | 0                  | 0.3                            | 0.0       |
| Rotavirus                                | 4                              | 6          | 4          | 4          | 2          | 4          | 6          | 5          | 141                                | 221  | 89   | 17                 | 20.9                           | 0.8       |
| STEC/VTEC infection                      |                                | 2          | 1          | 3          | 3          | 1          | 1          |            | 41                                 | 24   | 7    | 5                  | 0.9                            | 5.4       |
| Salmonellosis                            | 29                             | 22         | 24         | 27         | 21         | 18         | 17         | 15         | 1184                               | 1481 | 1046 | 71                 | 76.6                           | 0.9       |
| Shigellosis                              | 6                              | 4          | 2          | 4          | 1          | 2          | 2          | 2          | 77                                 | 35   | 47   | 7                  | 3.7                            | 1.9       |
| Typhoid                                  |                                | 1          |            |            |            |            |            |            | 9                                  | 9    | 6    | 0                  | 0.7                            | 0.0       |
| Vibrio parahaemolyticus                  |                                |            |            | 1          | 1          |            |            | 1          | 10                                 | 12   | 17   | 2                  | 0.7                            | 3.0       |
| Yersiniosis                              |                                |            |            |            |            |            |            |            | 7                                  | 10   | 9    | 0                  | 1.0                            | 0.0       |
| <b>Sexually transmissible infections</b> |                                |            |            |            |            |            |            |            |                                    |      |      |                    |                                |           |
| Chlamydia (genital)                      | 179                            | 176        | 160        | 152        | 168        | 177        | 166        | 156        | 6329                               | 6444 | 6443 | 667                | 659.3                          | 1.0       |
| Gonorrhoea                               | 36                             | 34         | 34         | 40         | 34         | 48         | 48         | 32         | 1498                               | 1673 | 1496 | 162                | 126.2                          | 1.3       |
| Syphilis - Infectious                    | 6                              | 5          | 8          | 3          | 10         | 7          | 4          | 5          | 201                                | 155  | 196  | 26                 | 12.7                           | 2.1       |
| Syphilis - Non-Infectious                | 1                              | 1          | 3          | 2          | 2          | 4          |            | 1          | 119                                | 89   | 29   | 7                  | 5.3                            | 1.3       |
| <b>Vaccine preventable diseases</b>      |                                |            |            |            |            |            |            |            |                                    |      |      |                    |                                |           |
| Diphtheria                               |                                |            |            |            |            |            |            |            | 0                                  | 0    | 0    | 0                  | 0.0                            | 0.0       |
| Influenza                                | 116                            | 102        | 105        | 135        | 187        | 187        | 179        | 194        | 2991                               | 2592 | 4368 | 747                | 870.9                          | 0.9       |
| Measles                                  | 1                              | 2          | 2          | 6          | 3          |            |            |            | 25                                 | 16   | 4    | 3                  | 0.7                            | 4.1       |
| Mumps                                    |                                | 1          |            |            |            |            |            |            | 17                                 | 15   | 20   | 0                  | 1.5                            | 0.0       |
| Pertussis                                | 15                             | 17         | 23         | 21         | 25         | 25         | 14         | 13         | 612                                | 669  | 808  | 77                 | 116.7                          | 0.7       |
| Pneumococcal infection                   | 3                              | 2          | 3          | 2          | 6          | 1          | 1          | 3          | 75                                 | 97   | 77   | 11                 | 14.5                           | 0.8       |
| Rubella (non-congenital)                 |                                | 1          |            |            |            |            |            |            | 1                                  | 2    | 0    | 0                  | 0.2                            | 0.0       |
| Varicella (chicken pox)                  | 7                              | 15         | 9          | 8          | 7          | 5          | 1          |            | 288                                | 330  | 327  | 13                 | 34.7                           | 0.4       |
| Varicella (shingles)                     | 25                             | 30         | 27         | 27         | 24         | 13         | 2          |            | 1021                               | 958  | 858  | 39                 | 90.8                           | 0.4       |
| Varicella (unspecified)                  | 27                             | 24         | 27         | 34         | 25         | 35         | 54         | 61         | 1130                               | 1085 | 946  | 175                | 91.9                           | 1.9       |
| <b>Vector-borne diseases</b>             |                                |            |            |            |            |            |            |            |                                    |      |      |                    |                                |           |
| Barmah Forest virus                      |                                |            |            |            | 1          |            |            |            | 6                                  | 5    | 3    | 1                  | 7.0                            | 0.1       |
| Chikungunya                              |                                |            |            |            |            | 1          |            |            | 1                                  | 6    | 4    | 1                  | 1.5                            | 0.7       |
| Dengue fever                             | 3                              | 3          | 2          | 4          | 1          |            | 3          | 1          | 74                                 | 115  | 385  | 5                  | 19.7                           | 0.3       |
| Japanese encephalitis virus              |                                |            |            |            |            |            |            |            | 1                                  | 0    | 0    | 0                  | 0.0                            | 0.0       |
| Malaria                                  |                                | 1          | 1          |            | 3          | 2          |            | 2          | 29                                 | 43   | 33   | 7                  | 3.1                            | 2.3       |
| Murray Valley encephalitis virus         |                                |            |            |            |            |            |            |            | 1                                  | 0    | 0    | 0                  | 0.0                            | 0.0       |
| Ross River virus                         | 2                              | 2          | 2          | 3          | 4          | 2          | 4          | 12         | 270                                | 473  | 140  | 22                 | 26.7                           | 0.8       |
| Typhus                                   |                                | 1          |            |            | 1          |            |            |            | 8                                  | 5    | 17   | 1                  | 0.9                            | 1.2       |
| Zika virus                               |                                |            |            |            |            |            |            |            | 1                                  | 1    | 9    | 0                  | 0.5                            | 0.0       |
| <b>Zoonotic diseases</b>                 |                                |            |            |            |            |            |            |            |                                    |      |      |                    |                                |           |
| Leptospirosis                            | 1                              |            |            |            |            |            |            |            | 2                                  | 0    | 3    | 0                  | 0.2                            | 0.0       |
| Psittacosis                              |                                |            |            |            | 1          |            |            |            | 1                                  | 1    | 0    | 1                  | 0.1                            | 7.5       |
| Q Fever                                  |                                |            |            | 1          | 1          | 1          |            |            | 4                                  | 3    | 2    | 2                  | 0.3                            | 7.5       |
| <b>Other diseases</b>                    |                                |            |            |            |            |            |            |            |                                    |      |      |                    |                                |           |
| Creutzfeldt-Jakob disease                |                                |            |            |            |            |            |            |            | 3                                  | 3    | 3    | 0                  | 0.3                            | 0.0       |
| Legionellosis                            | 1                              | 1          |            |            |            | 1          | 2          |            | 22                                 | 18   | 29   | 3                  | 5.4                            | 0.6       |
| Melioidosis                              |                                |            | 1          |            |            |            |            | 1          | 2                                  | 2    | 0    | 1                  | 0.2                            | 5.0       |
| Meningococcal infection                  | 1                              | 1          |            | 2          | 1          | 1          | 1          |            | 15                                 | 19   | 6    | 3                  | 1.6                            | 1.9       |
| Tuberculosis                             | 2                              | 2          |            |            | 2          | 2          | 1          | 2          | 62                                 | 70   | 79   | 7                  | 10.0                           | 0.7       |
| <b>Grand Total</b>                       | <b>557</b>                     | <b>525</b> | <b>518</b> | <b>558</b> | <b>615</b> | <b>633</b> | <b>588</b> | <b>586</b> |                                    |      |      |                    |                                |           |

## Notifications in last week and for last 4 weeks by REGION[1] (by date of onset[2])

| Disease Category/Disease                          | Metropolitan area (North) |                  |                  | Metropolitan area (South) |                  |                  | Metropolitan area (East) |                  |                  |
|---|---------------------------|------------------|------------------|---------------------------|------------------|------------------|--------------------------|------------------|------------------|
|   | Last Week                 | Last 4 Weeks[5]  | Cum. YTD Rate[6] | Last Week                 | Last 4 Weeks[5]  | Cum. YTD Rate[6] | Last Week                | Last 4 Weeks[5]  | Cum. YTD Rate[6] |
| <b>Blood-borne diseases[2]</b>                    |                           |                  |                  |                           |                  |                  |                          |                  |                  |
| Hepatitis B (newly acquired)                      |                           | (1)              | 0.1              |                           | (1)              | 0.3              |                          |                  | 0.9              |
| Hepatitis B (unspecified)                         | 5                         | 15 (13)          | 12.2             | 4                         | 9 (8)            | 10.6             | 5                        | 24 (15)          | 18.7             |
| Hepatitis C (newly acquired)                      |                           |                  | 0.7              |                           | (3)              | 2.8              |                          | (4)              | 3.9              |
| Hepatitis C (unspecified)                         | 2                         | 14 (10)          | 16.3             | 1                         | 17 (19)          | 21.3             | 5                        | 28 (22)          | 27.1             |
| Hepatitis D                                       |                           | 1                | 0.1              |                           |                  |                  |                          |                  | 0.5              |
| <b>Enteric diseases</b>                           |                           |                  |                  |                           |                  |                  |                          |                  |                  |
| Campylobacteriosis                                | 23                        | 73 (65)          | 79.0             | 15                        | 71 (71)          | 88.1             | 19                       | 84 (71)          | 74.4             |
| Cryptosporidiosis                                 |                           | (2)              | 1.8              | 1                         | 1 (5)            | 1.9              |                          | 1 (1)            | 1.6              |
| Hepatitis A                                       |                           |                  | 0.3              |                           |                  | 0.1              |                          | 1                | 0.4              |
| Listeriosis                                       |                           |                  | 0.1              |                           |                  | 0.1              |                          |                  | 0.3              |
| Paratyphoid fever                                 |                           |                  |                  |                           |                  |                  |                          |                  | 0.5              |
| Rotavirus   | 2                         | 5 (4)            | 6.5              | 2                         | 8 (3)            | 6.1              | 1                        | 4 (12)           | 6.6              |
| STEC/VTEC infection                               |                           | 1                | 2.3              |                           | 1 (1)            | 1.2              |                          | 3 (1)            | 2.0              |
| Salmonellosis                                     | 5                         | 22 (34)          | 55.7             | 5                         | 30 (33)          | 59.2             | 5                        | 19 (40)          | 47.3             |
| Shigellosis                                       |                           | 3 (4)            | 3.4              | 2                         | 3 (1)            | 3.5              |                          | 1 (3)            | 3.7              |
| Typhoid   |                           |                  | 0.4              |                           |                  | 0.3              |                          | (1)              | 0.5              |
| Vibrio parahaemolyticus                           | 1                         | 1 (1)            | 0.4              |                           | 1 (1)            | 0.9              |                          |                  | 0.1              |
| Yersiniosis                                       |                           |                  | 0.3              |                           |                  | 0.4              |                          |                  | 0.3              |
| <b>Sexually transmissible infections</b>          |                           |                  |                  |                           |                  |                  |                          |                  |                  |
| Chlamydia (genital)                               | 56                        | 207 (216)        | 253.8            | 53                        | 201 (202)        | 296.0            | 47                       | 259 (236)        | 317.8            |
| Gonorrhoea  | 4                         | 39 (44)          | 51.3             | 10                        | 35 (49)          | 63.1             | 18                       | 88 (65)          | 90.6             |
| Syphilis - Infectious                             | 1                         | 6 (5)            | 7.7              | 1                         | 7 (3)            | 6.4              | 3                        | 13 (10)          | 13.1             |
| Syphilis - Non-Infectious                         |                           | 1 (3)            | 4.7              |                           | 3 (5)            | 3.4              | 1                        | 3 (4)            | 8.1              |
| <b>Vaccine preventable diseases</b>               |                           |                  |                  |                           |                  |                  |                          |                  |                  |
| H. influenzae type b                              |                           |                  |                  |                           |                  |                  |                          |                  |                  |
| Influenza   | 85                        | 292 (396)        | 153.4            | 53                        | 250 (329)        | 134.8            | 56                       | 205 (360)        | 120.1            |
| Measles   |                           | 2                | 1.4              |                           | (1)              | 0.6              |                          | 1                | 1.4              |
| Mumps   |                           |                  | 1.2              |                           | (1)              | 0.4              |                          | (2)              | 0.7              |
| Pertussis   | 8                         | 35 (51)          | 38.7             | 4                         | 27 (21)          | 26.5             | 1                        | 15 (31)          | 18.0             |
| Pneumococcal infection                            | 1                         | 4 (4)            | 3.6              | 1                         | 3 (2)            | 2.8              | 1                        | 4 (11)           | 3.8              |
| Rubella (non-congenital)                          |                           |                  |                  |                           |                  | 0.1              |                          |                  |                  |
| Varicella (chicken pox)                           |                           | 8 (28)           | 13.7             |                           | 3 (8)            | 14.6             |                          | 2 (17)           | 11.2             |
| Varicella (shingles)                              |                           | 14 (49)          | 46.2             |                           | 12 (26)          | 50.5             |                          | 13 (38)          | 43.3             |
| Varicella (unspecified)                           | 29                        | 78 (39)          | 54.9             | 18                        | 52 (38)          | 56.4             | 14                       | 45 (36)          | 43.4             |
| <b>Vector-borne diseases</b>                      |                           |                  |                  |                           |                  |                  |                          |                  |                  |
| Barmah Forest virus                               |                           |                  | 0.1              |                           | 1                | 0.6              |                          |                  | 0.1              |
| Chikungunya                                       |                           |                  |                  |                           | 1                | 0.1              |                          |                  |                  |
| Dengue fever                                      |                           | 2 (1)            | 3.6              | 1                         | 1                | 4.1              |                          | 2 (3)            | 2.4              |
| Japanese encephalitis virus                       |                           |                  |                  |                           |                  | 0.1              |                          |                  |                  |
| Malaria   | 1                         | 1 (3)            | 1.0              |                           | 1 (1)            | 1.2              | 1                        | 5 (1)            | 1.8              |
| Murray Valley encephalitis virus                  |                           |                  | 0.1              |                           |                  |                  |                          |                  |                  |
| Ross River virus                                  | 2                         | 5 (16)           | 6.5              | 10                        | 14 (9)           | 20.1             |                          | 3 (13)           | 11.1             |
| Typhus  |                           |                  | 0.5              |                           | 1                | 0.3              |                          |                  | 0.3              |
| Zika virus  |                           |                  | 0.1              |                           |                  |                  |                          |                  |                  |
| <b>Zoonotic diseases</b>                          |                           |                  |                  |                           |                  |                  |                          |                  |                  |
| Leptospirosis                                     |                           |                  |                  |                           |                  | 0.1              |                          |                  | 0.1              |
| Psittacosis                                       |                           | 1                | 0.1              |                           |                  |                  |                          |                  |                  |
| Q Fever   |                           |                  |                  |                           | 2                | 0.6              |                          |                  |                  |
| <b>Other diseases</b>                             |                           |                  |                  |                           |                  |                  |                          |                  |                  |
| Acute post-streptococcal glomerulonephritis (APS) |                           |                  |                  |                           |                  |                  |                          |                  |                  |
| Creutzfeldt-Jakob disease                         |                           | (2)              | 0.3              |                           |                  |                  |                          |                  |                  |
| Haemolytic Uraemic Syndrome                       |                           |                  |                  |                           |                  |                  |                          |                  |                  |
| Legionellosis                                     |                           | (2)              | 0.8              |                           | 2 (1)            | 1.3              |                          | 1                | 0.9              |
| Leprosy   |                           |                  |                  |                           |                  |                  |                          |                  |                  |
| Melioidosis                                       |                           |                  |                  |                           |                  |                  | 1                        | 1                | 0.3              |
| Meningococcal infection                           |                           | 1 (4)            | 0.4              |                           |                  | 0.6              |                          | 2 (1)            | 1.1              |
| Tuberculosis                                      |                           | 2 (7)            | 2.9              | 1                         | 3 (1)            | 2.3              | 1                        | 2 (6)            | 3.2              |
| <b>Grand Total</b>                                | <b>225</b>                | <b>833 *****</b> |                  | <b>182</b>                | <b>760 (843)</b> |                  | <b>179</b>               | <b>829 *****</b> |                  |

## Notifications in last week and for last 4 weeks by REGION[1] (by date of onset[2])

| Disease Category/Disease                          | Southwest |                  |                  | Great Southern |                 |                  | Coastal and Wheatbelt |                 |                  |
|---|-----------|------------------|------------------|----------------|-----------------|------------------|-----------------------|-----------------|------------------|
|   | Last Week | Last 4 Weeks[5]  | Cum. YTD Rate[6] | Last Week      | Last 4 Weeks[5] | Cum. YTD Rate[6] | Last Week             | Last 4 Weeks[5] | Cum. YTD Rate[6] |
| <b>Blood-borne diseases[2]</b>                    |           |                  |                  |                |                 |                  |                       |                 |                  |
| Hepatitis B (newly acquired)                      |           |                  | 1.1              |                |                 |                  |                       |                 |                  |
| Hepatitis B (unspecified)                         |           | 1                | 8.0              |                | 1               | 3.2              |                       | (1)             | 7.6              |
| Hepatitis C (newly acquired)                      |           |                  | 0.5              |                | (1)             | 6.4              |                       | (2)             | 2.5              |
| Hepatitis C (unspecified)                         |           | 6 (5)            | 21.3             | 1              | 2 (1)           | 32.1             | 1                     | 4 (7)           | 34.2             |
| Hepatitis D                                       |           |                  |                  |                |                 |                  |                       |                 | 1.3              |
| <b>Enteric diseases</b>                           |           |                  |                  |                |                 |                  |                       |                 |                  |
| Campylobacteriosis                                | 2         | 19 (24)          | 96.3             | 1              | 3 (13)          | 86.6             |                       | 6 (9)           | 68.5             |
| Cryptosporidiosis                                 |           | (2)              | 5.9              |                | 1               | 11.2             |                       |                 | 2.5              |
| Hepatitis A                                       |           |                  | 0.5              |                |                 |                  |                       |                 |                  |
| Listeriosis                                       |           |                  |                  |                |                 | 1.6              |                       | 1               | 1.3              |
| Paratyphoid fever                                 |           |                  |                  |                |                 |                  |                       |                 |                  |
| Rotavirus   |           | 1                | 1.6              |                |                 | 4.8              |                       |                 | 3.8              |
| STEC/VTEC infection                               |           |                  | 1.6              |                |                 | 6.4              |                       |                 |                  |
| Salmonellosis                                     | 1         | 9 (9)            | 53.2             |                | (1)             | 52.9             |                       | (1)             | 48.2             |
| Shigellosis                                       | 1         | 1 (2)            | 2.1              |                |                 |                  |                       |                 |                  |
| Typhoid   |           |                  |                  |                |                 |                  |                       |                 |                  |
| Vibrio parahaemolyticus                           |           |                  |                  |                |                 |                  |                       |                 |                  |
| Yersiniosis                                       |           |                  |                  |                |                 |                  |                       |                 |                  |
| <b>Sexually transmissible infections</b>          |           |                  |                  |                |                 |                  |                       |                 |                  |
| Chlamydia (genital)                               | 18        | 50 (32)          | 217.0            | 2              | 17 (12)         | 231.0            | 3                     | 11 (10)         | 143.3            |
| Gonorrhoea  |           | 2 (5)            | 39.4             |                | (1)             | 16.0             | 1                     | 4 (7)           | 25.4             |
| Syphilis - Infectious                             |           |                  | 1.6              |                |                 | 3.2              |                       |                 | 6.3              |
| Syphilis - Non-Infectious                         |           |                  | 2.1              |                |                 | 1.6              |                       |                 | 1.3              |
| <b>Vaccine preventable diseases</b>               |           |                  |                  |                |                 |                  |                       |                 |                  |
| H. influenzae type b                              |           |                  |                  |                |                 |                  |                       |                 |                  |
| Influenza   | 22        | 78 (96)          | 111.7            | 2              | 17 (25)         | 94.6             |                       | 13 (28)         | 59.6             |
| Measles   |           |                  | 0.5              |                |                 |                  |                       |                 |                  |
| Mumps   |           |                  |                  |                |                 |                  |                       |                 |                  |
| Pertussis   | 1         | 7 (40)           | 85.1             | 4              | 11 (41)         | 121.9            | 2                     | 2 (3)           | 15.2             |
| Pneumococcal infection                            |           | 2 (1)            | 4.8              |                |                 | 6.4              |                       |                 | 5.1              |
| Rubella (non-congenital)                          |           |                  |                  |                |                 |                  |                       |                 |                  |
| Varicella (chicken pox)                           | 6         | 11 (7)           | 28.2             | 1              | 1 (4)           | 25.7             |                       | 2 (1)           | 7.6              |
| Varicella (shingles)                              | 3         | 16 (14)          | 94.2             |                | 1 (6)           | 73.8             | 2                     | 7 (9)           | 77.3             |
| Varicella (unspecified)                           | 1         | 1 (1)            | 0.5              | 1              | 2 (1)           | 30.5             |                       |                 | 5.1              |
| <b>Vector-borne diseases</b>                      |           |                  |                  |                |                 |                  |                       |                 |                  |
| Barmah Forest virus                               |           | (1)              | 4.3              |                |                 | 4.8              | 1                     | 1               | 3.8              |
| Chikungunya                                       |           | 1                | 0.5              |                |                 |                  |                       |                 |                  |
| Dengue fever                                      |           |                  | 1.6              |                |                 | 3.2              |                       |                 |                  |
| Japanese encephalitis virus                       |           |                  |                  |                |                 |                  |                       |                 |                  |
| Malaria   |           |                  |                  |                |                 |                  |                       |                 |                  |
| Murray Valley encephalitis virus                  |           |                  |                  |                |                 |                  |                       |                 |                  |
| Ross River virus                                  | 2         | 4 (2)            | 19.7             |                | (1)             | 8.0              |                       | (2)             | 10.1             |
| Typhus  |           |                  | 1.1              |                |                 | 4.8              | 1                     | 1               | 1.3              |
| Zika virus  |           |                  |                  |                |                 |                  |                       |                 |                  |
| <b>Zoonotic diseases</b>                          |           |                  |                  |                |                 |                  |                       |                 |                  |
| Leptospirosis                                     |           |                  |                  |                |                 |                  |                       |                 |                  |
| Psittacosis                                       |           |                  |                  |                |                 |                  |                       |                 |                  |
| Q Fever   |           |                  | 0.5              |                |                 |                  |                       |                 | 1.3              |
| <b>Other diseases</b>                             |           |                  |                  |                |                 |                  |                       |                 |                  |
| Acute post-streptococcal glomerulonephritis (APS) |           |                  |                  |                |                 |                  |                       |                 | 1.3              |
| Creutzfeldt-Jakob disease                         |           |                  |                  |                |                 |                  |                       |                 |                  |
| Haemolytic Uraemic Syndrome                       |           |                  |                  |                |                 | 1.6              |                       |                 |                  |
| Legionellosis                                     |           |                  | 0.5              |                |                 | 3.2              |                       |                 |                  |
| Leprosy   |           |                  |                  |                |                 |                  |                       |                 | 2.5              |
| Melioidosis                                       |           |                  |                  |                |                 |                  |                       |                 |                  |
| Meningococcal infection                           |           | 1 (1)            | 0.5              |                | (1)             | 1.6              |                       |                 |                  |
| Tuberculosis                                      | 1         | 2                | 2.1              |                |                 | 4.8              |                       |                 | 2.5              |
| <b>Grand Total</b>                                | <b>58</b> | <b>212 (242)</b> |                  | <b>12</b>      | <b>56 (108)</b> |                  | <b>11</b>             | <b>52 (80)</b>  |                  |

## Notifications in last week and for last 4 weeks by REGION[1] (by date of onset[2])

| Disease Category/Disease                          | Midwest   |                 |                  | Goldfields |                 |                  | Pilbara   |                 |                  |
|---|-----------|-----------------|------------------|------------|-----------------|------------------|-----------|-----------------|------------------|
|   | Last Week | Last 4 Weeks[5] | Cum. YTD Rate[6] | Last Week  | Last 4 Weeks[5] | Cum. YTD Rate[6] | Last Week | Last 4 Weeks[5] | Cum. YTD Rate[6] |
| <b>Blood-borne diseases[2]</b>                    |           |                 |                  |            |                 |                  |           |                 |                  |
| Hepatitis B (newly acquired)                      |           |                 |                  |            |                 |                  |           |                 |                  |
| Hepatitis B (unspecified)                         |           | (1)             | 8.6              |            | (2)             | 11.5             | 1         | 1 (3)           | 16.0             |
| Hepatitis C (newly acquired)                      |           | (1)             | 5.7              |            |                 | 3.3              |           |                 | 1.5              |
| Hepatitis C (unspecified)                         | 2         | 6 (2)           | 37.2             |            | 4 (1)           | 41.1             |           | 3               | 18.9             |
| Hepatitis D                                       |           |                 |                  |            |                 |                  |           |                 |                  |
| <b>Enteric diseases</b>                           |           |                 |                  |            |                 |                  |           |                 |                  |
| Campylobacteriosis                                | 4         | 9 (5)           | 60.1             |            | 4 (3)           | 62.4             |           | 5 (5)           | 56.8             |
| Cryptosporidiosis                                 |           |                 | 1.4              |            |                 |                  |           | (1)             | 8.7              |
| Hepatitis A                                       |           |                 |                  |            |                 |                  |           |                 |                  |
| Listeriosis                                       |           |                 |                  |            |                 |                  |           |                 |                  |
| Paratyphoid fever                                 |           |                 |                  |            |                 |                  |           |                 |                  |
| Rotavirus   | 1         | 1               | 5.7              |            | 1               | 14.8             |           | 7 (1)           | 23.3             |
| STEC/VTEC infection                               |           |                 | 1.4              |            |                 |                  |           |                 | 1.5              |
| Salmonellosis                                     |           | (3)             | 50.1             |            | (4)             | 32.8             |           | 2 (9)           | 65.6             |
| Shigellosis                                       |           |                 | 14.3             |            | 1 (2)           | 29.6             |           | 1 (4)           | 33.5             |
| Typhoid   |           |                 |                  |            |                 |                  |           |                 |                  |
| Vibrio parahaemolyticus                           |           |                 |                  |            |                 |                  |           |                 |                  |
| Yersiniosis                                       |           |                 |                  |            |                 | 1.6              |           |                 |                  |
| <b>Sexually transmissible infections</b>          |           |                 |                  |            |                 |                  |           |                 |                  |
| Chlamydia (genital)                               | 7         | 24 (16)         | 253.1            | 5          | 27 (24)         | 397.4            | 3         | 17 (20)         | 311.9            |
| Gonorrhoea  | 1         | 7 (12)          | 67.2             | 2          | 17 (19)         | 305.4            | 3         | 13 (7)          | 186.6            |
| Syphilis - Infectious                             | 1         | 1 (2)           | 7.2              | 1          | 2               | 11.5             |           | 4               | 18.9             |
| Syphilis - Non-Infectious                         |           |                 | 4.3              |            | 1 (1)           | 24.6             |           | (1)             | 13.1             |
| <b>Vaccine preventable diseases</b>               |           |                 |                  |            |                 |                  |           |                 |                  |
| H. influenzae type b                              |           |                 |                  |            |                 |                  |           |                 | 1.5              |
| Influenza   | 4         | 18 (47)         | 140.1            | 3          | 11 (45)         | 60.8             | 3         | 21 (72)         | 91.8             |
| Measles   |           |                 |                  |            |                 |                  |           |                 |                  |
| Mumps   |           |                 |                  |            |                 | 1.6              |           |                 |                  |
| Pertussis   | 1         | 5 (1)           | 54.3             |            |                 | 3.3              |           |                 | 7.3              |
| Pneumococcal infection                            |           |                 | 11.4             |            | 3 (3)           | 16.4             |           | 2 (4)           | 18.9             |
| Rubella (non-congenital)                          |           |                 |                  |            |                 |                  |           |                 |                  |
| Varicella (chicken pox)                           |           | (1)             | 7.2              |            | (6)             | 11.5             |           | (13)            | 10.2             |
| Varicella (shingles)                              |           | 1 (2)           | 24.3             | 1          | 6 (2)           | 55.8             |           | 5 (3)           | 32.1             |
| Varicella (unspecified)                           |           | 3 (4)           | 45.8             |            | (1)             | 1.6              |           |                 | 2.9              |
| <b>Vector-borne diseases</b>                      |           |                 |                  |            |                 |                  |           |                 |                  |
| Barmah Forest virus                               |           |                 | 1.4              |            |                 | 1.6              |           |                 | 2.9              |
| Chikungunya                                       |           |                 |                  |            |                 |                  |           |                 |                  |
| Dengue fever                                      |           |                 |                  |            |                 |                  |           |                 | 5.8              |
| Japanese encephalitis virus                       |           |                 |                  |            |                 |                  |           |                 |                  |
| Malaria   |           |                 |                  |            |                 |                  |           |                 |                  |
| Murray Valley encephalitis virus                  |           |                 |                  |            |                 |                  |           |                 |                  |
| Ross River virus                                  |           | (1)             | 7.2              |            | (3)             | 6.6              |           | 1 (3)           | 14.6             |
| Typhus  |           |                 |                  |            |                 |                  |           |                 |                  |
| Zika virus  |           |                 |                  |            |                 |                  |           |                 |                  |
| <b>Zoonotic diseases</b>                          |           |                 |                  |            |                 |                  |           |                 |                  |
| Leptospirosis                                     |           |                 |                  |            |                 |                  |           |                 |                  |
| Psittacosis                                       |           |                 | 1.4              |            |                 |                  |           |                 |                  |
| Q Fever   |           |                 | 1.4              |            |                 |                  |           |                 |                  |
| <b>Other diseases</b>                             |           |                 |                  |            |                 |                  |           |                 |                  |
| Acute post-streptococcal glomerulonephritis (APS) |           |                 | 1.4              |            |                 | 4.9              |           |                 |                  |
| Creutzfeldt-Jakob disease                         |           |                 |                  |            |                 |                  |           |                 | 1.5              |
| Haemolytic Uraemic Syndrome                       |           |                 |                  |            |                 |                  |           |                 |                  |
| Legionellosis                                     |           |                 |                  |            |                 |                  |           |                 | 1.5              |
| Leprosy   |           |                 |                  |            |                 |                  |           |                 |                  |
| Melioidosis                                       |           |                 |                  |            |                 |                  |           |                 | 1.5              |
| Meningococcal infection                           |           | 1               | 4.3              | 1          | 1               | 4.9              |           | 1               | 1.5              |
| Tuberculosis                                      |           |                 | 1.4              |            |                 | 4.9              |           |                 | 4.4              |
| <b>Grand Total</b>                                | <b>21</b> | <b>76 (98)</b>  |                  | <b>13</b>  | <b>78 (116)</b> |                  | <b>10</b> | <b>83 (146)</b> |                  |

## Notifications in last week and for last 4 weeks by REGION[1] (by date of onset[2])

| Disease Category/Disease                          | Kimberley |                  |                  | STATE TOTAL |                    |                  |
|---|-----------|------------------|------------------|-------------|--------------------|------------------|
|   | Last Week | Last 4 Weeks[5]  | Cum. YTD Rate[6] | Last Week   | Last 4 Weeks[5]    | Cum. YTD Rate[6] |
| <b>Blood-borne diseases[2]</b>                    |           |                  |                  |             |                    |                  |
| Hepatitis B (newly acquired)                      |           |                  |                  | 0           | 0 (2)              | 0.5              |
| Hepatitis B (unspecified)                         | 1         | 1 (1)            | 25.1             | 16          | 52 (44)            | 13.4             |
| Hepatitis C (newly acquired)                      |           | (1)              | 2.5              | 0           | 0 (12)             | 2.5              |
| Hepatitis C (unspecified)                         |           | 1 (4)            | 45.2             | 12          | 87 (71)            | 23.5             |
| Hepatitis D                                       |           |                  |                  | 0           | 1 (0)              | 0.2              |
| <b>Enteric diseases</b>                           |           |                  |                  |             |                    |                  |
| Campylobacteriosis                                | 2         | 8 (3)            | 75.3             | 66          | 284 (273)          | 80.5             |
| Cryptosporidiosis                                 |           | 1                | 32.6             | 1           | 4 (11)             | 2.9              |
| Hepatitis A                                       |           |                  |                  | 0           | 1 (0)              | 0.3              |
| Listeriosis                                       |           |                  | 2.5              | 0           | 1 (0)              | 0.3              |
| Paratyphoid fever                                 |           |                  |                  | 0           | 0 (0)              | 0.1              |
| Rotavirus   |           | (1)              | 67.7             | 6           | 27 (21)            | 7.6              |
| STEC/VTEC infection                               |           |                  |                  | 0           | 5 (2)              | 1.8              |
| Salmonellosis                                     | 1         | 2 (3)            | 148.0            | 17          | 85 (138)           | 55.7             |
| Shigellosis                                       | 1         | 2 (3)            | 128.0            | 4           | 13 (19)            | 6.8              |
| Typhoid   |           |                  |                  | 0           | 0 (1)              | 0.3              |
| Vibrio parahaemolyticus                           |           |                  |                  | 1           | 2 (3)              | 0.4              |
| Yersiniosis                                       |           |                  |                  | 0           | 0 (0)              | 0.3              |
| <b>Sexually transmissible infections</b>          |           |                  |                  |             |                    |                  |
| Chlamydia (genital)                               | 14        | 62 (61)          | 1131.7           | 210         | 882 (841)          | 294.8            |
| Gonorrhoea  | 7         | 29 (42)          | 670.0            | 46          | 237 (252)          | 82.1             |
| Syphilis - Infectious                             |           | 3 (7)            | 75.3             | 8           | 38 (27)            | 9.8              |
| Syphilis - Non-Infectious                         |           |                  | 5.0              | 1           | 8 (15)             | 5.5              |
| <b>Vaccine preventable diseases</b>               |           |                  |                  |             |                    |                  |
| H. influenzae type b                              |           |                  |                  | 0           | 0 (0)              | 0.0              |
| Influenza   | 4         | 5 (33)           | 95.4             | 234         | 916*****           | 129.4            |
| Measles   |           |                  |                  | 0           | 3 (1)              | 0.9              |
| Mumps   |           |                  |                  | 0           | 0 (5)              | 0.7              |
| Pertussis   |           | (1)              | 10.0             | 21          | 102 (189)          | 33.0             |
| Pneumococcal infection                            |           | (3)              | 25.1             | 3           | 18 (28)            | 4.9              |
| Rubella (non-congenital)                          |           |                  |                  | 0           | 0 (0)              | 0.0              |
| Varicella (chicken pox)                           |           | (3)              | 42.7             | 7           | 27 (88)            | 14.6             |
| Varicella (shingles)                              |           | 3 (6)            | 110.4            | 7           | 80 (158)           | 52.2             |
| Varicella (unspecified)                           | 1         | 1                | 7.5              | 65          | 183 (120)          | 43.5             |
| <b>Vector-borne diseases</b>                      |           |                  |                  |             |                    |                  |
| Barmah Forest virus                               |           | 1 (1)            | 15.1             | 1           | 3 (2)              | 1.1              |
| Chikungunya                                       |           |                  |                  | 0           | 2 (0)              | 0.1              |
| Dengue fever                                      |           |                  | 2.5              | 1           | 5 (6)              | 3.2              |
| Japanese encephalitis virus                       |           |                  |                  | 0           | 0 (0)              | 0.0              |
| Malaria   |           |                  | 2.5              | 2           | 7 (7)              | 1.1              |
| Murray Valley encephalitis virus                  |           |                  |                  | 0           | 0 (0)              | 0.0              |
| Ross River virus                                  |           | 1                | 75.3             | 14          | 28 (50)            | 13.5             |
| Typhus  |           |                  |                  | 1           | 2 (0)              | 0.5              |
| Zika virus  |           |                  |                  | 0           | 0 (0)              | 0.0              |
| <b>Zoonotic diseases</b>                          |           |                  |                  |             |                    |                  |
| Leptospirosis                                     |           |                  |                  | 0           | 0 (1)              | 0.1              |
| Psittacosis                                       |           |                  |                  | 0           | 1 (1)              | 0.1              |
| Q Fever   |           |                  | 2.5              | 0           | 2 (0)              | 0.3              |
| <b>Other diseases</b>                             |           |                  |                  |             |                    |                  |
| Acute post-streptococcal glomerulonephritis (APS) |           | 1                | 35.1             | 0           | 1 (0)              | 0.7              |
| Creutzfeldt-Jakob disease                         |           |                  |                  | 0           | 0 (2)              | 0.2              |
| Haemolytic Uraemic Syndrome                       |           |                  |                  | 0           | 0 (0)              | 0.0              |
| Legionellosis                                     |           |                  | 2.5              | 0           | 3 (4)              | 1.0              |
| Leprosy   |           | 1                | 2.5              | 0           | 1 (0)              | 0.0              |
| Melioidosis                                       |           |                  |                  | 1           | 1 (0)              | 0.2              |
| Meningococcal infection                           |           |                  |                  | 1           | 7 (7)              | 0.9              |
| Tuberculosis                                      |           |                  |                  | 3           | 9 (14)             | 2.2              |
| <b>Grand Total</b>                                | <b>31</b> | <b>122 (173)</b> |                  | <b>749</b>  | <b>3129 (3904)</b> |                  |

## Statewide Salmonella notifications for past 8 weeks (by date of onset[2])

|                                      | Week Ending             |           |           |           |           |           |           |           | Cumulative Total<br>to end of Week 36 |             |
|--------------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------------------------|-------------|
|                                      | 22/07                   | 29/07     | 05/08     | 12/08     | 19/08     | 26/08     | 02/09     | 09/09     | 2018                                  | 2017        |
|                                      | <b>Salmonella Total</b> | <b>41</b> | <b>34</b> | <b>35</b> | <b>31</b> | <b>27</b> | <b>18</b> | <b>23</b> | <b>17</b>                             | <b>1539</b> |
| <b>Serotype/Phage</b>                |                         |           |           |           |           |           |           |           |                                       |             |
| Salmonella Aberdeen                  |                         |           |           |           |           |           |           |           | 1                                     | 3           |
| Salmonella Adelaide                  |                         |           |           |           |           |           |           |           | 1                                     | 4           |
| Salmonella Agbeni                    |                         |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella Agona                     |                         |           |           |           |           |           | 1         |           | 12                                    | 10          |
| Salmonella Albany                    |                         |           |           |           |           |           |           |           | 2                                     | 2           |
| Salmonella Anatum                    | 1                       |           |           |           |           |           |           |           | 16                                    | 9           |
| Salmonella Anatum var 15+            |                         |           |           |           |           |           |           |           | 4                                     | 1           |
| Salmonella Bareilly                  |                         | 1         |           |           |           |           | 1         |           | 7                                     | 5           |
| Salmonella Bonn                      |                         |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella Bovismorbificans          |                         |           |           |           | 1         |           |           | 1         | 18                                    | 15          |
| Salmonella Braenderup                |                         |           |           |           |           |           |           |           | 4                                     | 4           |
| Salmonella Brandenburg               |                         |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella Bredeney                  |                         |           |           |           |           |           |           |           | 1                                     | 2           |
| Salmonella Cerro                     |                         | 2         |           |           |           |           |           |           | 9                                     | 0           |
| Salmonella Chester                   | 1                       |           |           | 1         |           |           |           |           | 18                                    | 28          |
| Salmonella Choleraesuis              |                         |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella Choleraesuis bv Australia |                         |           |           |           |           |           |           |           | 10                                    | 9           |
| Salmonella Choleraesuis bv Decatur   |                         |           |           |           |           |           |           |           | 5                                     | 0           |
| Salmonella Corvallis                 |                         | 2         |           |           |           |           | 1         |           | 7                                     | 7           |
| Salmonella Eastbourne                |                         |           |           |           |           |           |           |           | 2                                     | 3           |
| Salmonella Enteritidis               | 3                       | 6         | 3         | 4         | 3         | 3         | 1         | 1         | 117                                   | 123         |
| Salmonella Fremantle subsp II        |                         |           |           |           |           |           |           |           | 3                                     | 4           |
| Salmonella Give                      |                         |           |           |           |           |           |           |           | 2                                     | 7           |
| Salmonella Give var 15+,34+          |                         |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella Hadar                     |                         |           |           |           |           |           |           |           | 2                                     | 2           |
| Salmonella Havana                    | 1                       | 1         |           |           |           |           |           |           | 9                                     | 5           |
| Salmonella Heidelberg                |                         |           |           |           |           |           |           |           | 1                                     | 2           |
| Salmonella Houten subsp IV           |                         |           |           |           |           |           |           |           | 3                                     | 1           |
| Salmonella Hvittingfoss              | 1                       |           |           |           |           |           |           |           | 26                                    | 14          |
| Salmonella Indiana                   |                         |           |           |           |           |           |           |           | 1                                     | 1           |
| Salmonella Infantis                  |                         |           |           |           |           |           |           |           | 14                                    | 24          |
| Salmonella Irumu                     |                         |           |           |           |           |           |           |           | 2                                     | 0           |
| Salmonella Jangwani                  |                         |           |           |           |           |           |           |           | 1                                     | 1           |
| Salmonella Javiana                   | 1                       |           |           |           |           |           |           |           | 8                                     | 8           |
| Salmonella Johannesburg              |                         |           |           |           |           |           |           |           | 3                                     | 6           |
| Salmonella Kentucky                  | 2                       |           | 2         |           |           |           |           |           | 22                                    | 16          |
| Salmonella Kiambu                    | 1                       |           |           |           |           |           |           |           | 3                                     | 8           |
| Salmonella Kinondoni                 |                         |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella Kottbus                   |                         |           |           |           |           |           |           |           | 3                                     | 0           |
| Salmonella Krefeld                   |                         |           |           |           |           |           |           |           | 1                                     | 1           |
| Salmonella Lexington                 |                         |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella Lindern                   |                         |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella Litchfield                |                         |           |           |           | 1         |           |           |           | 2                                     | 5           |
| Salmonella Livingstone               |                         |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella London                    |                         |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella Matopeni                  |                         |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella Mbandaka                  | 1                       |           | 1         |           |           |           |           |           | 5                                     | 5           |
| Salmonella Meleagridis               |                         |           |           |           |           |           |           |           | 1                                     | 1           |
| Salmonella Mississippi               |                         |           |           |           |           |           |           |           | 2                                     | 0           |



# Weekly Report for period 16-JUL-18 to 09-SEP-18

|                                   | 22/07     | 29/07     | 05/08     | 12/08     | 19/08     | 26/08     | 02/09     | 09/09     | Cumulative Total<br>to end of Week 36 |             |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------------------------|-------------|
|                                   |           |           |           |           |           |           |           |           | 2018                                  | 2017        |
| <b>Salmonella Total</b>           | <b>41</b> | <b>34</b> | <b>35</b> | <b>31</b> | <b>27</b> | <b>18</b> | <b>23</b> | <b>17</b> | <b>1539</b>                           | <b>1884</b> |
| <b>Serotype/Phage</b>             |           |           |           |           |           |           |           |           |                                       |             |
| Salmonella Muenchen               |           |           | 1         |           |           |           |           |           | 21                                    | 26          |
| Salmonella Muenster               |           |           |           | 2         |           |           |           |           | 3                                     | 0           |
| Salmonella Newport                | 2         |           | 1         |           |           |           |           |           | 18                                    | 16          |
| Salmonella Ohio                   |           |           |           |           |           |           |           |           | 1                                     | 1           |
| Salmonella Oranienburg            |           |           |           |           |           |           | 1         |           | 4                                     | 3           |
| Salmonella Orientalis             |           |           |           |           |           |           |           |           | 2                                     | 0           |
| Salmonella Orion                  |           |           |           |           |           |           |           |           | 6                                     | 3           |
| Salmonella Oslo                   |           |           |           |           |           |           |           |           | 1                                     | 2           |
| Salmonella Paratyphi B bv Java    | 3         | 2         |           | 2         | 1         | 1         | 1         |           | 41                                    | 72          |
| Salmonella Poona                  | 1         | 1         |           | 1         |           |           |           |           | 12                                    | 5           |
| Salmonella Potsdam                |           |           |           |           |           |           |           |           | 6                                     | 2           |
| Salmonella Reading                |           |           |           |           |           |           |           |           | 1                                     | 9           |
| Salmonella Rissen                 |           |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella Saintpaul              |           | 2         |           |           |           | 1         |           |           | 54                                    | 43          |
| Salmonella Schwarzengrund         |           |           |           |           |           | 1         | 1         |           | 3                                     | 11          |
| Salmonella Senftenberg            |           |           |           |           |           |           |           |           | 1                                     | 9           |
| Salmonella Senftenberg z27 phase  |           |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella Singapore              |           | 1         |           |           |           |           |           |           | 14                                    | 52          |
| Salmonella Stanley                | 2         |           | 2         |           |           |           | 1         |           | 26                                    | 46          |
| Salmonella Thompson               |           |           |           |           |           |           |           |           | 1                                     | 2           |
| Salmonella Typhimurium            | 15        | 11        | 20        | 17        | 17        | 10        | 12        | 6         | 798                                   | 1104        |
| Salmonella Urbana                 |           |           |           |           |           |           |           |           | 1                                     | 4           |
| Salmonella Virchow                |           |           | 2         | 1         |           |           |           |           | 19                                    | 30          |
| Salmonella Wandsbek subsp II      |           | 1         |           |           |           |           |           |           | 5                                     | 3           |
| Salmonella Wandsworth             |           |           | 1         |           |           |           |           |           | 2                                     | 4           |
| Salmonella Welikade               |           |           |           |           |           |           |           |           | 5                                     | 1           |
| Salmonella Weltevreden            | 2         |           |           | 1         | 1         | 1         |           |           | 21                                    | 20          |
| Salmonella Weltevreden var 15+    |           | 1         |           |           |           |           |           |           | 1                                     | 3           |
| Salmonella Zanzibar               |           |           |           |           |           |           |           |           | 1                                     | 1           |
| Salmonella species                | 4         | 3         | 2         | 2         | 3         | 1         | 3         | 9         | 95                                    | 73          |
| Salmonella subsp 1 ser 1,4,12:i:- |           |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella subsp 1 ser 4,12:i:-   |           |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella subsp 1 ser rough:-:-  |           |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella subsp I ser 16:l,v:-   |           |           |           |           |           |           |           |           | 6                                     | 2           |
| Salmonella subsp IIIb 50:k:z      |           |           |           |           |           |           |           |           | 1                                     | 0           |
| Salmonella subsp IIIb 61:l,v:z35  |           |           |           |           |           |           |           |           | 3                                     | 0           |
| Salmonella subsp IIIb 61:z52:z53  |           |           |           |           |           |           |           |           | 2                                     | 1           |