



Department of Health

STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program
Communicable Disease Control Directorate

Report for eight week period 22-OCT-19 to 16-DEC-19

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

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

| Disease Category/Disease | Week Ending | | | | | | | | Cumulative Total to end of week 50 | | | Total Last 4 Weeks | Mean of 15 x 4 week periods[3] | Ratio [4] |
|---|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------------------------------|-------|-------|--------------------|--------------------------------|-----------|
| | 28/10 | 04/11 | 11/11 | 18/11 | 25/11 | 02/12 | 09/12 | 16/12 | 2019 | 2018 | 2017 | | | |
| | Blood-borne diseases[2] | | | | | | | | | | | | | |
| Hepatitis B (newly acquired) | | | | 1 | | 1 | 1 | 1 | 25 | 24 | 16 | 3 | 2.1 | 1.4 |
| Hepatitis B (unspecified) | 9 | 8 | 12 | 6 | 10 | 8 | 8 | 7 | 421 | 488 | 520 | 33 | 37.4 | 0.9 |
| Hepatitis C (newly acquired) | 1 | 1 | 1 | | 7 | 1 | 7 | 1 | 112 | 117 | 123 | 16 | 10.7 | 1.5 |
| Hepatitis C (unspecified) | 16 | 13 | 17 | 16 | 22 | 9 | 27 | 21 | 857 | 865 | 1049 | 79 | 73.5 | 1.1 |
| Hepatitis D | | | | | | | | | 9 | 8 | 3 | 0 | 0.2 | 0.0 |
| Enteric diseases | | | | | | | | | | | | | | |
| Campylobacteriosis | 69 | 97 | 78 | 94 | 94 | 74 | 66 | 50 | 3397 | 3331 | 3284 | 284 | 288.0 | 1.0 |
| Cryptosporidiosis | 4 | 6 | 9 | 4 | 7 | 4 | 4 | 3 | 190 | 113 | 398 | 18 | 16.3 | 1.1 |
| Hepatitis A | | | | | | 1 | | | 25 | 11 | 12 | 1 | 1.5 | 0.7 |
| Hepatitis E | | 1 | | | | | | | 3 | 2 | 4 | 0 | 0.3 | 0.0 |
| Listeriosis | | | | | | | | | 7 | 8 | 6 | 0 | 0.3 | 0.0 |
| Paratyphoid fever | | | | | | | | | 7 | 9 | 4 | 0 | 0.7 | 0.0 |
| Rotavirus | 10 | 16 | 11 | 15 | 6 | 8 | 10 | 8 | 515 | 323 | 510 | 32 | 29.1 | 1.1 |
| STEC/VTEC infection | 2 | | 3 | 5 | 6 | 2 | 2 | 3 | 144 | 86 | 55 | 13 | 5.1 | 2.6 |
| Salmonellosis | 54 | 56 | 68 | 41 | 48 | 53 | 39 | 33 | 2070 | 2025 | 2530 | 173 | 150.9 | 1.1 |
| Shigellosis | 12 | 7 | 8 | 7 | 7 | 7 | 8 | 4 | 373 | 249 | 195 | 26 | 15.5 | 1.7 |
| Typhoid | | 1 | | | | | | | 17 | 13 | 21 | 0 | 1.1 | 0.0 |
| Vibrio parahaemolyticus | | | | | | | | | 17 | 13 | 18 | 0 | 1.9 | 0.0 |
| Yersiniosis | | | | | 1 | | 2 | | 23 | 11 | 15 | 3 | 0.9 | 3.2 |
| Sexually transmissible infections | | | | | | | | | | | | | | |
| Chlamydia (genital) | 232 | 254 | 223 | 248 | 227 | 206 | 182 | 183 | 11192 | 11274 | 11227 | 798 | 836.3 | 1.0 |
| Gonorrhoea | 70 | 86 | 73 | 74 | 93 | 76 | 75 | 44 | 3778 | 3339 | 3275 | 288 | 226.1 | 1.3 |
| Syphilis (congenital) | | | | | | | | | 1 | 1 | 0 | 0 | 0.1 | 0.0 |
| Syphilis - Infectious | 11 | 11 | 17 | 15 | 4 | 13 | 14 | 11 | 558 | 413 | 315 | 42 | 22.1 | 1.9 |
| Syphilis - Non-Infectious | 6 | 4 | 6 | 5 | 3 | 9 | 2 | 2 | 225 | 221 | 158 | 16 | 10.3 | 1.6 |
| Vaccine preventable diseases | | | | | | | | | | | | | | |
| H. influenzae type b | | | | | | | | | 2 | 1 | 0 | 0 | 0.1 | 0.0 |
| Influenza | 52 | 37 | 44 | 44 | 40 | 49 | 57 | 42 | 23234 | 5723 | 6018 | 188 | 220.7 | 0.9 |
| Measles | | | | | | | | | 54 | 36 | 17 | 0 | 2.0 | 0.0 |
| Mumps | 1 | 2 | 2 | 1 | 1 | | 1 | | 32 | 18 | 22 | 2 | 15.3 | 0.1 |
| Pertussis | 4 | 4 | 7 | 3 | 4 | 6 | 6 | 3 | 503 | 1296 | 1449 | 19 | 132.5 | 0.1 |
| Pneumococcal infection | 5 | 4 | 6 | 6 | 7 | 1 | 6 | 1 | 246 | 204 | 199 | 15 | 11.6 | 1.3 |
| Rubella (non-congenital) | | | | | | | | | 1 | 1 | 2 | 0 | 0.0 | 0.0 |
| Varicella (chicken pox) | 14 | 8 | 10 | 9 | 9 | 16 | 15 | 5 | 594 | 646 | 687 | 45 | 45.3 | 1.0 |
| Varicella (shingles) | 43 | 52 | 41 | 41 | 41 | 53 | 33 | 12 | 2105 | 2169 | 1979 | 139 | 141.1 | 1.0 |
| Varicella (unspecified) | 28 | 37 | 46 | 32 | 34 | 26 | 25 | 56 | 1419 | 1468 | 1524 | 141 | 115.1 | 1.2 |
| Vector-borne diseases | | | | | | | | | | | | | | |
| Barmah Forest virus | | | | | 1 | | 1 | | 13 | 36 | 43 | 2 | 2.4 | 0.8 |
| Chikungunya | | | 1 | | | | | | 7 | 3 | 11 | 0 | 1.3 | 0.0 |
| Dengue fever | 5 | 8 | 5 | 5 | 8 | 11 | 4 | 4 | 320 | 132 | 180 | 27 | 19.9 | 1.4 |
| Malaria | 2 | 2 | | 3 | 1 | 1 | 1 | 1 | 59 | 48 | 59 | 4 | 3.9 | 1.0 |
| Ross River virus | 4 | 3 | 2 | 5 | 3 | 2 | 4 | 3 | 381 | 489 | 1150 | 12 | 65.5 | 0.2 |
| Typhus | | | 1 | 1 | 1 | 2 | | | 27 | 16 | 18 | 3 | 2.2 | 1.4 |
| Zoonotic diseases | | | | | | | | | | | | | | |
| Leptospirosis | | | | | | | | | 3 | 5 | 3 | 0 | 0.4 | 0.0 |
| Q Fever | | | | | | | | | 5 | 13 | 8 | 0 | 1.3 | 0.0 |
| Other diseases | | | | | | | | | | | | | | |
| Acute post-streptococcal glomerulonephritis | | | | 1 | | | | | 9 | 24 | 4 | 0 | 0.3 | 0.0 |
| Creutzfeldt-Jakob disease | | | | | | | | | 6 | 7 | 6 | 0 | 0.4 | 0.0 |
| Haemolytic Uraemic Syndrome | | | | | | | | | 1 | 1 | 3 | 0 | 0.2 | 0.0 |
| Legionellosis | 1 | 1 | | | 2 | 3 | 1 | | 34 | 44 | 39 | 6 | 4.9 | 1.2 |
| Melioidosis | | | | | | | | | 4 | 5 | 8 | 0 | 0.3 | 0.0 |
| Meningococcal infection | | 1 | | 3 | 1 | | | | 24 | 38 | 42 | 1 | 2.7 | 0.4 |
| Tuberculosis | 3 | 2 | 4 | 3 | 6 | 6 | 2 | 4 | 130 | 120 | 121 | 18 | 10.5 | 1.7 |
| Grand Total | 658 | 722 | 695 | 688 | 694 | 648 | 603 | 502 | | | | | | |

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

| Disease Category/Disease | Week Ending | | | | | | | | Cumulative Total to end of week 50 | | | Total Last 4 Weeks | Mean of 15 x 4 week periods[3] | Ratio [4] |
|--|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------------------------------|------|------|--------------------|--------------------------------|-----------|
| | 28/10 | 04/11 | 11/11 | 18/11 | 25/11 | 02/12 | 09/12 | 16/12 | 2019 | 2018 | 2017 | | | |
| | Blood-borne diseases[2] | | | | | | | | | | | | | |
| Hepatitis B (newly acquired) | | | | 1 | | 1 | 1 | | 17 | 20 | 11 | 2 | 1.7 | 1.2 |
| Hepatitis B (unspecified) | 8 | 7 | 11 | 6 | 10 | 6 | 5 | 7 | 360 | 405 | 433 | 28 | 30.5 | 0.9 |
| Hepatitis C (newly acquired) | 1 | 1 | 1 | | 4 | | 6 | | 79 | 89 | 89 | 10 | 8.7 | 1.2 |
| Hepatitis C (unspecified) | 13 | 10 | 11 | 10 | 16 | 7 | 19 | 14 | 589 | 639 | 755 | 56 | 55.9 | 1.0 |
| Hepatitis D | | | | | | | | | 9 | 7 | 2 | 0 | 0.2 | 0.0 |
| Enteric diseases | | | | | | | | | | | | | | |
| Campylobacteriosis | 59 | 72 | 58 | 71 | 78 | 61 | 51 | 37 | 2746 | 2616 | 2586 | 227 | 221.8 | 1.0 |
| Cryptosporidiosis | 4 | 1 | 3 | 1 | 2 | 4 | 1 | 2 | 105 | 57 | 291 | 9 | 10.0 | 0.9 |
| Hepatitis A | | | | | | | | | 21 | 10 | 10 | 0 | 1.3 | 0.0 |
| Hepatitis E | | 1 | | | | | | | 3 | 2 | 4 | 0 | 0.3 | 0.0 |
| Listeriosis | | | | | | | | | 7 | 5 | 6 | 0 | 0.3 | 0.0 |
| Paratyphoid fever | | | | | | | | | 7 | 9 | 4 | 0 | 0.7 | 0.0 |
| Rotavirus | 10 | 14 | 10 | 13 | 6 | 7 | 8 | 7 | 436 | 232 | 311 | 28 | 23.2 | 1.2 |
| STEC/VTEC infection | 2 | | 2 | 3 | 6 | 1 | 1 | 2 | 112 | 73 | 39 | 10 | 4.1 | 2.4 |
| Salmonellosis | 44 | 38 | 47 | 31 | 37 | 40 | 33 | 26 | 1617 | 1558 | 1931 | 136 | 115.6 | 1.2 |
| Shigellosis | 8 | 4 | 6 | 5 | 5 | 2 | 7 | 2 | 261 | 114 | 54 | 16 | 6.5 | 2.5 |
| Typhoid | | 1 | | | | | | | 15 | 12 | 19 | 0 | 0.9 | 0.0 |
| Vibrio parahaemolyticus | | | | | | | | | 12 | 12 | 15 | 0 | 1.8 | 0.0 |
| Yersiniosis | | | | | 1 | | 2 | | 22 | 10 | 14 | 3 | 0.8 | 3.8 |
| Sexually transmissible infections | | | | | | | | | | | | | | |
| Chlamydia (genital) | 193 | 183 | 177 | 192 | 186 | 164 | 145 | 153 | 8817 | 8760 | 8710 | 648 | 647.3 | 1.0 |
| Gonorrhoea | 53 | 59 | 52 | 58 | 70 | 53 | 48 | 36 | 2778 | 2241 | 2127 | 207 | 150.5 | 1.4 |
| Syphilis - Infectious | 5 | 6 | 12 | 10 | 4 | 8 | 10 | 5 | 326 | 292 | 233 | 27 | 16.0 | 1.7 |
| Syphilis - Non-Infectious | 4 | 2 | 4 | 2 | 1 | 6 | 2 | | 145 | 167 | 133 | 9 | 8.3 | 1.1 |
| Vaccine preventable diseases | | | | | | | | | | | | | | |
| H. influenzae type b | | | | | | | | | 1 | 0 | 0 | 0 | 0.1 | 0.0 |
| Influenza | 42 | 31 | 36 | 38 | 32 | 45 | 51 | 32 | 18345 | 4573 | 4396 | 160 | 157.9 | 1.0 |
| Measles | | | | | | | | | 42 | 32 | 16 | 0 | 1.6 | 0.0 |
| Mumps | | | | 1 | 1 | | 1 | | 16 | 17 | 17 | 2 | 2.3 | 0.9 |
| Pertussis | 4 | 3 | 5 | 2 | 4 | 5 | 3 | 3 | 402 | 901 | 991 | 15 | 90.3 | 0.2 |
| Pneumococcal infection | 3 | 2 | 4 | 3 | 4 | | 4 | 1 | 147 | 122 | 126 | 9 | 6.1 | 1.5 |
| Rubella (non-congenital) | | | | | | | | | 1 | 1 | 2 | 0 | 0.0 | 0.0 |
| Varicella (chicken pox) | 12 | 7 | 6 | 8 | 7 | 13 | 13 | 5 | 444 | 472 | 477 | 38 | 33.9 | 1.1 |
| Varicella (shingles) | 29 | 35 | 29 | 31 | 31 | 38 | 21 | 5 | 1501 | 1545 | 1393 | 95 | 103.3 | 0.9 |
| Varicella (unspecified) | 22 | 33 | 42 | 31 | 32 | 24 | 24 | 45 | 1331 | 1426 | 1471 | 125 | 107.1 | 1.2 |
| Vector-borne diseases | | | | | | | | | | | | | | |
| Barmah Forest virus | | | | | 1 | | | | 5 | 7 | 9 | 1 | 0.7 | 1.4 |
| Chikungunya | | | 1 | | | | | | 7 | 1 | 9 | 0 | 1.2 | 0.0 |
| Dengue fever | 4 | 6 | 4 | 4 | 8 | 9 | 4 | 4 | 264 | 113 | 148 | 25 | 16.5 | 1.5 |
| Malaria | 1 | 1 | | 3 | 1 | 1 | 1 | 1 | 51 | 41 | 49 | 4 | 3.1 | 1.3 |
| Ross River virus | 4 | 2 | 2 | 4 | 2 | 2 | 2 | 1 | 256 | 339 | 600 | 7 | 40.9 | 0.2 |
| Typhus | | | 1 | | 1 | 2 | | | 19 | 10 | 10 | 3 | 1.7 | 1.7 |
| Zoonotic diseases | | | | | | | | | | | | | | |
| Leptospirosis | | | | | | | | | 2 | 5 | 1 | 0 | 0.3 | 0.0 |
| Q Fever | | | | | | | | | 2 | 6 | 4 | 0 | 0.4 | 0.0 |
| Other diseases | | | | | | | | | | | | | | |
| Creutzfeldt-Jakob disease | | | | | | | | | 5 | 5 | 4 | 0 | 0.3 | 0.0 |
| Legionellosis | 1 | | | | 2 | 3 | | | 28 | 36 | 30 | 5 | 3.5 | 1.4 |
| Melioidosis | | | | | | | | | 2 | 2 | 3 | 0 | 0.2 | 0.0 |
| Meningococcal infection | | 1 | | 2 | 1 | | | | 12 | 22 | 30 | 1 | 1.6 | 0.6 |
| Tuberculosis | 3 | 2 | 4 | 3 | 6 | 6 | 2 | 4 | 120 | 100 | 108 | 18 | 9.1 | 2.0 |
| Grand Total | 529 | 522 | 528 | 533 | 559 | 508 | 465 | 392 | | | | | | |

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] |
| Blood-borne diseases[2] | | | | | | | | | |
| Hepatitis B (newly acquired) | | (2) | 0.5 | | 1 (1) | 0.7 | | 1 | 1.1 |
| Hepatitis B (unspecified) | 3 | 10 (7) | 13.5 | 3 | 8 (9) | 13.3 | 1 | 10 (14) | 21.2 |
| Hepatitis C (newly acquired) | | 2 (2) | 1.5 | | 3 (1) | 3.8 | | 5 (2) | 5.3 |
| Hepatitis C (unspecified) | 4 | 20 (9) | 17.3 | 4 | 21 (17) | 28.9 | 6 | 15 (26) | 33.0 |
| Hepatitis D | | (1) | 0.4 | | | 0.3 | | | 0.5 |
| Enteric diseases | | | | | | | | | |
| Campylobacteriosis | 10 | 70 (84) | 119.4 | 15 | 85 (74) | 131.4 | 12 | 72 (93) | 117.3 |
| Cryptosporidiosis | | 1 (1) | 5.0 | 1 | 1 (2) | 3.8 | 1 | 7 | 5.1 |
| Hepatitis A | | | 0.5 | | | 0.4 | | (1) | 1.8 |
| Hepatitis E | | | | | | | | (1) | 0.4 |
| Listeriosis | | | 0.3 | | | 0.4 | | (1) | 0.3 |
| Paratyphoid fever | | | 0.3 | | | 0.1 | | (1) | 0.5 |
| Rotavirus | 2 | 8 (8) | 17.8 | 3 | 8 (10) | 18.4 | 2 | 12 (7) | 22.2 |
| STEC/VTEC infection | 1 | 3 (5) | 4.3 | 1 | 2 (5) | 4.0 | | 5 (9) | 6.6 |
| Salmonellosis | 11 | 52 (75) | 72.3 | 9 | 39 (31) | 68.7 | 6 | 45 (21) | 75.0 |
| Shigellosis | | 4 (4) | 9.8 | 2 | 8 (3) | 13.0 | | 4 (2) | 12.3 |
| Typhoid | | | 0.1 | | | 0.4 | | (1) | 1.5 |
| Vibrio parahaemolyticus | | | 0.6 | | | 0.4 | | | 0.5 |
| Yersiniosis | | (1) | 1.0 | | 2 | 1.4 | | 1 (1) | 0.5 |
| Sexually transmissible infections | | | | | | | | | |
| Chlamydia (genital) | 47 | 197 (221) | 354.3 | 41 | 201 (203) | 390.4 | 65 | 250 (278) | 435.1 |
| Gonorrhoea | 9 | 61 (68) | 94.2 | 12 | 60 (69) | 123.4 | 15 | 86 (84) | 154.7 |
| Syphilis (congenital) | | | | | | | | | |
| Syphilis - Infectious | 1 | 6 (10) | 9.5 | 3 | 10 (5) | 12.4 | 1 | 11 (19) | 21.5 |
| Syphilis - Non-Infectious | | 3 (4) | 5.8 | | 2 (1) | 4.3 | | 4 (4) | 9.2 |
| Vaccine preventable diseases | | | | | | | | | |
| H. influenzae type b | | | 0.1 | | | | | | |
| Influenza | 16 | 57 (80) | 849.6 | 9 | 40 (97) | 804.0 | 7 | 63 (70) | 797.9 |
| Measles | | | 0.5 | | | 3.7 | | (2) | 1.6 |
| Mumps | | 1 | 0.6 | | | 0.9 | | 1 | 0.7 |
| Pertussis | 1 | 10 (19) | 16.1 | 1 | 4 (29) | 26.6 | 1 | 1 (11) | 11.7 |
| Pneumococcal infection | 1 | 4 (4) | 5.5 | | 1 (3) | 6.4 | | 4 (2) | 7.6 |
| Rubella (non-congenital) | | | | | | | | | 0.1 |
| Varicella (chicken pox) | 3 | 14 (12) | 19.6 | 1 | 18 (13) | 21.7 | 1 | 6 (16) | 18.3 |
| Varicella (shingles) | 1 | 30 (57) | 68.5 | 3 | 34 (41) | 73.2 | 1 | 31 (35) | 59.3 |
| Varicella (unspecified) | 18 | 45 (44) | 56.1 | 11 | 39 (35) | 70.5 | 16 | 41 (40) | 52.3 |
| Vector-borne diseases | | | | | | | | | |
| Barmah Forest virus | | | | | 1 | 0.4 | | | 0.3 |
| Chikungunya | | | 0.4 | | | 0.6 | | | |
| Dengue fever | 1 | 9 (5) | 11.9 | 3 | 12 (6) | 14.5 | | 4 (4) | 9.1 |
| Malaria | 1 | 2 | 2.8 | | 1 (1) | 1.1 | | 1 | 2.8 |
| Ross River virus | | (1) | 7.7 | | 3 (9) | 17.1 | 1 | 4 (1) | 10.0 |
| Typhus | | 2 | 0.9 | | 1 | 1.1 | | | 0.5 |
| Zoonotic diseases | | | | | | | | | |
| Leptospirosis | | (2) | 0.3 | | | | | | |
| Q Fever | | | | | | 0.3 | | | |
| Other diseases | | | | | | | | | |
| Acute post-streptococcal glomerulonephritis (APS) | | | | | | 0.1 | | | 0.4 |
| Creutzfeldt-Jakob disease | | | 0.1 | | | | | | |
| Haemolytic Uraemic Syndrome | | | | | | | | | |
| Legionellosis | | 1 | 1.5 | | 2 | 1.3 | | 2 | 0.9 |
| Leprosy | | | | | | | | | |
| Melioidosis | | | | | | 0.1 | | | 0.1 |
| Meningococcal infection | | (1) | 0.4 | | | 0.6 | | 1 | 0.7 |
| Tuberculosis | | 9 (6) | 4.9 | 1 | 2 (3) | 4.0 | 3 | 7 (6) | 7.1 |
| Grand Total | 130 | 621 (733) | | 123 | 609 (668) | | 139 | 694 (751) | |

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] |
| Blood-borne diseases[2] | | | | | | | | | |
| Hepatitis B (newly acquired) | 1 | 1 | 1.0 | | | 3.2 | | | |
| Hepatitis B (unspecified) | | 1 (1) | 5.7 | | (1) | 9.5 | | (2) | 8.8 |
| Hepatitis C (newly acquired) | | 1 (1) | 2.1 | | 1 (2) | 15.9 | | | |
| Hepatitis C (unspecified) | 4 | 10 (6) | 39.1 | | 3 (1) | 49.2 | 1 | 5 (3) | 44.2 |
| Hepatitis D | | | | | | | | | |
| Enteric diseases | | | | | | | | | |
| Campylobacteriosis | 3 | 18 (25) | 130.3 | 5 | 10 (12) | 128.5 | | 8 (12) | 102.3 |
| Cryptosporidiosis | | 6 (4) | 13.5 | | | 3.2 | | | 1.3 |
| Hepatitis A | | | | | | | 1 | | 1.3 |
| Hepatitis E | | | | | | | | | |
| Listeriosis | | | | | | | | | |
| Paratyphoid fever | | | | | | | | | |
| Rotavirus | | (3) | 12.0 | | (1) | 7.9 | 1 | 2 (1) | 12.6 |
| STEC/VTEC infection | 1 | 2 | 6.3 | | | 6.3 | | | 5.0 |
| Salmonellosis | 2 | 11 (8) | 72.4 | 1 | 1 (2) | 39.7 | 1 | 5 (2) | 68.2 |
| Shigellosis | | | 2.1 | | | 4.8 | | | 3.8 |
| Typhoid | | | | | | | | | |
| Vibrio parahaemolyticus | | | | | | | | | |
| Yersiniosis | | | 0.5 | | | | | | |
| Sexually transmissible infections | | | | | | | | | |
| Chlamydia (genital) | 6 | 29 (46) | 282.4 | | 6 (10) | 252.2 | 4 | 10 (11) | 218.4 |
| Gonorrhoea | 1 | 12 (4) | 74.0 | 1 | 1 (1) | 46.0 | 1 | 2 (2) | 44.2 |
| Syphilis (congenital) | | | | | | | | | |
| Syphilis - Infectious | | (1) | 1.6 | | | 9.5 | | (1) | 5.0 |
| Syphilis - Non-Infectious | | (1) | 2.6 | | | 4.8 | | | 5.0 |
| Vaccine preventable diseases | | | | | | | | | |
| H. influenzae type b | | | | | | | | | |
| Influenza | 2 | 8 (18) | 699.3 | 1 | 2 (19) | 823.3 | 2 | 5 (7) | 660.2 |
| Measles | | | 3.1 | | | 3.2 | | | 1.3 |
| Mumps | | | 4.2 | | | 1.6 | | | 1.3 |
| Pertussis | | 4 (19) | 15.6 | | (2) | 4.8 | | (1) | 11.4 |
| Pneumococcal infection | | 1 | 8.9 | | | 7.9 | | 1 | 6.3 |
| Rubella (non-congenital) | | | | | | | | | |
| Varicella (chicken pox) | | 1 (2) | 19.8 | | 2 (2) | 30.1 | | (3) | 20.2 |
| Varicella (shingles) | 2 | 18 (9) | 112.6 | 2 | 8 (12) | 152.3 | 1 | 5 (4) | 74.5 |
| Varicella (unspecified) | 3 | 3 (1) | 5.7 | 2 | 3 (1) | 46.0 | 3 | 5 | 31.6 |
| Vector-borne diseases | | | | | | | | | |
| Barmah Forest virus | | | 1.6 | | | | | | |
| Chikungunya | | | | | | | | | |
| Dengue fever | | | 10.4 | | 1 | 7.9 | | | 3.8 |
| Malaria | | | 0.5 | | | | | | 2.5 |
| Ross River virus | 2 | 3 (3) | 29.2 | | (3) | 20.6 | | (1) | 13.9 |
| Typhus | | | 1.0 | | | 6.3 | | | 1.3 |
| Zoonotic diseases | | | | | | | | | |
| Leptospirosis | | | | | | | | | |
| Q Fever | | | | | | | | | 1.3 |
| Other diseases | | | | | | | | | |
| Acute post-streptococcal glomerulonephritis (APS) | | | 0.5 | | | | | | |
| Creutzfeldt-Jakob disease | | | 0.5 | | | | | | |
| Haemolytic Uraemic Syndrome | | | 1.6 | | 1 | 1.6 | | | 1.3 |
| Legionellosis | | | | | | | | | |
| Leprosy | | | | | | | | | |
| Melioidosis | | | | | | | | | |
| Meningococcal infection | | | | | | 1.6 | | | |
| Tuberculosis | | | 1.0 | | | 4.8 | | | 1.3 |
| Grand Total | 27 | 129 (152) | | 12 | 39 (69) | | 14 | 49 (50) | |

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] |
| Blood-borne diseases[2] | | | | | | | | | |
| Hepatitis B (newly acquired) | | | 4.3 | | | 3.3 | | | 1.4 |
| Hepatitis B (unspecified) | | | 7.1 | | (1) | 19.6 | | 1 (1) | 14.4 |
| Hepatitis C (newly acquired) | | (2) | 68.0 | 1 | 3 (2) | 13.1 | | | 5.8 |
| Hepatitis C (unspecified) | | 2 (2) | | | (3) | 65.5 | 1 | 1 (2) | 17.3 |
| Hepatitis D | | | | | | | | | |
| Enteric diseases | | | | | | | | | |
| Campylobacteriosis | 2 | 4 (6) | 70.9 | 1 | 3 (3) | 68.8 | 2 | 8 (5) | 102.2 |
| Cryptosporidiosis | | | 4.3 | | | 6.5 | 1 | 3 | 18.7 |
| Hepatitis A | | | 1.4 | | | | | | |
| Hepatitis E | | | | | | | | | |
| Listeriosis | | | | | | | | | |
| Paratyphoid fever | | | | | | | | | |
| Rotavirus | | | 24.1 | | (1) | 11.5 | | 1 | 17.3 |
| STEC/VTEC infection | | (1) | 8.5 | | | 1.6 | | | 1.4 |
| Salmonellosis | 1 | 3 (6) | 58.1 | | 4 (3) | 72.0 | 2 | 5 (4) | 82.1 |
| Shigellosis | 1 | 2 | 18.4 | | 1 | 44.2 | 1 | 1 | 18.7 |
| Typhoid | | | | | | | | | 1.4 |
| Vibrio parahaemolyticus | | | 1.4 | | | 1.6 | | | 2.9 |
| Yersiniosis | | | | | | | | | |
| Sexually transmissible infections | | | | | | | | | |
| Chlamydia (genital) | 4 | 16 (20) | 299.0 | 6 | 21 (29) | 504.3 | 7 | 22 (33) | 516.8 |
| Gonorrhoea | | 3 (5) | 136.1 | 1 | 8 (16) | 201.4 | 3 | 17 (20) | 298.0 |
| Syphilis (congenital) | | | | | | | | | 1.4 |
| Syphilis - Infectious | 1 | 1 | 14.2 | | (1) | 44.2 | 1 | 6 (12) | 126.7 |
| Syphilis - Non-Infectious | | (2) | 8.5 | 2 | 4 | 58.9 | | 1 | 13.0 |
| Vaccine preventable diseases | | | | | | | | | |
| H. influenzae type b | | | 1.4 | | | | | | |
| Influenza | 1 | 2 (14) | 1381.8 | 1 | 1 (3) | 763.0 | 2 | 5 (5) | 719.8 |
| Measles | | | | | | 1.6 | | | |
| Mumps | | | | | | 4.9 | | | 2.9 |
| Pertussis | | (1) | 9.9 | | | 4.9 | | | 2.9 |
| Pneumococcal infection | | (1) | 15.6 | | (2) | 26.2 | | 2 (1) | 27.4 |
| Rubella (non-congenital) | | | | | | | | (2) | 20.2 |
| Varicella (chicken pox) | | | 12.8 | | 2 | 34.4 | | | |
| Varicella (shingles) | 2 | 6 (2) | 70.9 | | 2 (4) | 96.6 | | 1 (1) | 60.5 |
| Varicella (unspecified) | | | 7.1 | 2 | 3 (1) | 4.9 | 1 | 1 | 2.9 |
| Vector-borne diseases | | | | | | | | | |
| Barmah Forest virus | | | 1.4 | | 1 | 1.6 | | | 1.4 |
| Chikungunya | | | | | | | | | |
| Dengue fever | | 1 | 9.9 | | | 6.5 | | | 10.1 |
| Malaria | | | 1.4 | | | | | | 4.3 |
| Ross River virus | | | 8.5 | | 1 (2) | 14.7 | | 1 (1) | 27.4 |
| Typhus | | | 1.4 | | | | | | |
| Zoonotic diseases | | | | | | | | | |
| Leptospirosis | | | | | | | | | |
| Q Fever | | (1) | 2.8 | | | | | | |
| Other diseases | | | | | | | | | |
| Acute post-streptococcal glomerulonephritis (APS) | | | | | | 3.3 | | | |
| Creutzfeldt-Jakob disease | | | | | | | | | |
| Haemolytic Uraemic Syndrome | | | | | | | | | |
| Legionellosis | | | 1.4 | | | | | | |
| Leprosy | | | | | | | | | |
| Melioidosis | | | | | | | | | |
| Meningococcal infection | | | 2.8 | | | | | | 11.5 |
| Tuberculosis | | (1) | 2.8 | | | | | | 2.9 |
| Grand Total | 12 | 40 (64) | | 14 | 54 (71) | | 21 | 76 (87) | |

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] |
| Blood-borne diseases[2] | | | | | | |
| Hepatitis B (newly acquired) | | | 2.5 | 1 | 3 (3) | 0.9 |
| Hepatitis B (unspecified) | | 1 (1) | 7.4 | 7 | 33 (38) | 14.9 |
| Hepatitis C (newly acquired) | | 1 | 5.0 | 1 | 16 (12) | 3.9 |
| Hepatitis C (unspecified) | | | 39.7 | 21 | 79 (69) | 30.4 |
| Hepatitis D | | | | 0 | 0 (1) | 0.3 |
| Enteric diseases | | | | | | |
| Campylobacteriosis | | 1 (4) | 91.8 | 50 | 284 (322) | 120.5 |
| Cryptosporidiosis | | | 89.3 | 3 | 18 (7) | 6.7 |
| Hepatitis A | | | | 0 | 1 (1) | 0.9 |
| Hepatitis E | | | | 0 | 0 (0) | 0.1 |
| Listeriosis | | | | 0 | 0 (1) | 0.2 |
| Paratyphoid fever | | | | 0 | 0 (1) | 0.2 |
| Rotavirus | | 1 | 5.0 | 8 | 32 (31) | 18.3 |
| STEC/VTEC infection | | 1 | 2.5 | 3 | 13 (20) | 5.1 |
| Salmonellosis | | 6 (9) | 141.4 | 33 | 173 (162) | 73.4 |
| Shigellosis | | 6 (3) | 104.2 | 4 | 26 (13) | 13.2 |
| Typhoid | | | | 0 | 0 (1) | 0.6 |
| Vibrio parahaemolyticus | | | | 0 | 0 (0) | 0.6 |
| Yersiniosis | | | | 0 | 3 (2) | 0.8 |
| Sexually transmissible infections | | | | | | |
| Chlamydia (genital) | 3 | 41 (57) | 1287.4 | 183 | 798 (919) | 397.1 |
| Gonorrhoea | 1 | 32 (28) | 796.3 | 44 | 288 (300) | 134.1 |
| Syphilis (congenital) | | | | 0 | 0 (1) | 0.0 |
| Syphilis - Infectious | 4 | 8 (4) | 215.8 | 11 | 42 (54) | 19.8 |
| Syphilis - Non-Infectious | | | 12.4 | 2 | 16 (12) | 7.3 |
| Vaccine preventable diseases | | | | | | |
| H. influenzae type b | | | | 0 | 0 (0) | 0.1 |
| Influenza | | 1 (47) | 962.5 | 42 | 188 (365) | 824.4 |
| Measles | | | | 0 | 0 (2) | 1.9 |
| Mumps | | | | 0 | 2 (0) | 1.1 |
| Pertussis | | (1) | 111.6 | 3 | 19 (84) | 17.8 |
| Pneumococcal infection | | 2 | 54.6 | 1 | 15 (14) | 8.7 |
| Rubella (non-congenital) | | | | 0 | 0 (0) | 0.0 |
| Varicella (chicken pox) | | 1 | 57.1 | 5 | 45 (50) | 21.1 |
| Varicella (shingles) | | 4 (3) | 131.5 | 12 | 139 (169) | 74.7 |
| Varicella (unspecified) | | | | 56 | 141 (122) | 50.3 |
| Vector-borne diseases | | | | | | |
| Barmah Forest virus | | | 5.0 | 0 | 2 (0) | 0.5 |
| Chikungunya | | | | 0 | 0 (0) | 0.2 |
| Dengue fever | | | 9.9 | 4 | 27 (15) | 11.4 |
| Malaria | | | | 1 | 4 (2) | 2.1 |
| Ross River virus | | | 14.9 | 3 | 12 (22) | 13.5 |
| Typhus | | | | 0 | 3 (0) | 1.0 |
| Zoonotic diseases | | | | | | |
| Leptospirosis | | | | 0 | 0 (2) | 0.1 |
| Q Fever | | | | 0 | 0 (1) | 0.2 |
| Other diseases | | | | | | |
| Acute post-streptococcal glomerulonephritis (APS) | | (1) | 17.4 | 0 | 0 (1) | 0.3 |
| Creutzfeldt-Jakob disease | | | | 0 | 0 (0) | 0.2 |
| Haemolytic Uraemic Syndrome | | | | 0 | 0 (0) | 0.0 |
| Legionellosis | | | | 0 | 6 (0) | 1.2 |
| Leprosy | | | 2.5 | 0 | 0 (0) | 0.0 |
| Melioidosis | | | 2.5 | 0 | 0 (0) | 0.1 |
| Meningococcal infection | | | | 0 | 1 (2) | 0.9 |
| Tuberculosis | | | | 4 | 18 (17) | 3.9 |
| Grand Total | 8 | 106 (158) | | 502 | 2447 (2838) | |

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

| | Week Ending | | | | | | | | Cumulative Total to end of Week 50 | | |
|--------------------------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------------------------|------|------|
| | 28/10 | 04/11 | 11/11 | 18/11 | 25/11 | 02/12 | 09/12 | 16/12 | 2019 | 2018 | |
| | | | | | | | | | | 2070 | 1995 |
| Salmonella Total | 54 | 56 | 68 | 41 | 48 | 53 | 39 | 33 | | | |
| Serotype/Phage | | | | | | | | | | | |
| Salmonella Aberdeen | | | | | | | | | 1 | 4 | |
| Salmonella Abony | | 1 | | | | | | | 1 | 0 | |
| Salmonella Adelaide | | | | 1 | | | | | 3 | 2 | |
| Salmonella Agona | | | | | | 1 | | | 10 | 19 | |
| Salmonella Albany | | | | | | | | | 1 | 3 | |
| Salmonella Anatum | | | 1 | | | | 1 | | 20 | 19 | |
| Salmonella Anatum var 15+ | | | | | | 1 | | | 3 | 4 | |
| Salmonella Ball | | | | | | | | | 1 | 1 | |
| Salmonella Bareilly | | | | | | 1 | | | 5 | 11 | |
| Salmonella Bleadon subsp II | | | | | | | | | 1 | 0 | |
| Salmonella Bootle | | | | | | | | | 1 | 0 | |
| Salmonella Bovismorbificans | 1 | | 1 | | | | 1 | | 18 | 22 | |
| Salmonella Braenderup | | | | | | | | | 4 | 7 | |
| Salmonella Bredeney | | | | | | | | | 2 | 3 | |
| Salmonella Bukavu | | | | | | | | | 1 | 1 | |
| Salmonella Cerro | | | | | 1 | | | | 2 | 9 | |
| Salmonella Chailey | | | | | | | | | 1 | 0 | |
| Salmonella Chester | | | | 2 | | | | | 21 | 27 | |
| Salmonella Choleraesuis bv Australia | 1 | | | | | | | | 11 | 12 | |
| Salmonella Choleraesuis bv Decatur | | | | | | | 1 | 1 | 6 | 5 | |
| Salmonella Coeln | | | | | | | | | 1 | 0 | |
| Salmonella Corvallis | | 1 | | | | | | | 8 | 8 | |
| Salmonella Derby | | | | | | | | | 4 | 4 | |
| Salmonella Eastbourne | | 1 | | | | | | | 5 | 4 | |
| Salmonella Emek | | | | | | | | | 1 | 0 | |
| Salmonella Enteritidis | 6 | 5 | 4 | 5 | 6 | 2 | 3 | | 203 | 171 | |
| Salmonella Fremantle subsp II | | | 1 | | | | | | 5 | 4 | |
| Salmonella Galiema | | | | | | | | | 2 | 0 | |
| Salmonella Give | | | | | | | | | 3 | 2 | |
| Salmonella Give var 15+ | | | | | | | | | 1 | 0 | |
| Salmonella Hadar | | | | | 1 | | | | 2 | 3 | |
| Salmonella Havana | | | 1 | | | | | | 9 | 12 | |
| Salmonella Heidelberg | | | | 1 | | | | | 10 | 3 | |
| Salmonella Houten subsp IV | | | | | | | | | 2 | 3 | |
| Salmonella Hvittingfoss | | | | | | | | | 5 | 32 | |
| Salmonella Infantis | 1 | 3 | | | 2 | 1 | | | 26 | 23 | |
| Salmonella Javiana | | | | | | | | | 12 | 9 | |
| Salmonella Johannesburg | 1 | | | | | 1 | | | 4 | 6 | |
| Salmonella Kentucky | | | 1 | 2 | | | | | 21 | 30 | |
| Salmonella Kiambu | | | 2 | | 1 | | | | 8 | 3 | |
| Salmonella Kottbus | | | | | | | | | 1 | 4 | |
| Salmonella Lansing | | | | | | | | | 1 | 0 | |
| Salmonella Lexington | | | | | | | | | 1 | 1 | |
| Salmonella Litchfield | | 1 | | | | | | | 4 | 2 | |
| Salmonella Livingstone | 1 | | | | | | | | 1 | 2 | |
| Salmonella London | | | | | | | | | 2 | 2 | |
| Salmonella Mbandaka | | 1 | | | | | | | 6 | 7 | |
| Salmonella Mississippi | | | | | | | | | 1 | 2 | |
| Salmonella Montevideo | | | | | | | | | 2 | 0 | |

Weekly Report for period 22-OCT-19 to 16-DEC-19

| | 28/10 | 04/11 | 11/11 | 18/11 | 25/11 | 02/12 | 09/12 | 16/12 | Cumulative Total to end of Week 50 | | |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------------------------|------|------|
| | | | | | | | | | | 2019 | 2018 |
| | | | | | | | | | | 2070 | 1995 |
| Salmonella Total | 54 | 56 | 68 | 41 | 48 | 53 | 39 | 33 | | | |
| Serotype/Phage | | | | | | | | | | | |
| Salmonella Muenchen | | | 1 | | 1 | 1 | | | | 32 | 22 |
| Salmonella Muenster | | | | | | | | | | 1 | 5 |
| Salmonella Newport | | | 1 | | | 1 | 1 | | | 27 | 29 |
| Salmonella Ohio | | | | | | 1 | | | | 2 | 1 |
| Salmonella Oranienburg | | | | | | | | | | 7 | 8 |
| Salmonella Orientalis | | | | | 1 | | | | | 2 | 4 |
| Salmonella Orion | | | | | | | | | | 2 | 6 |
| Salmonella Oslo | | | | | | | | | | 2 | 2 |
| Salmonella Papuana | | | | | | | | | | 1 | 0 |
| Salmonella Paratyphi B bv Java | 1 | 1 | 4 | 4 | 2 | 1 | | | | 86 | 66 |
| Salmonella Poona | | | | | | | | | | 3 | 14 |
| Salmonella Potsdam | | | | | | | | | | 4 | 6 |
| Salmonella Reading | | | | | 2 | 1 | | | | 10 | 2 |
| Salmonella Rissen | | | | | | 1 | | | | 5 | 2 |
| Salmonella Rottneest | | | | | | | | | | 1 | 0 |
| Salmonella Saintpaul | 1 | 1 | | | 2 | 2 | 2 | | | 44 | 66 |
| Salmonella Schwarzengrund | | | | | | | | | | 5 | 4 |
| Salmonella Senftenberg | 1 | | | | | 1 | 1 | | | 7 | 1 |
| Salmonella Senftenberg z27 phase | | | | | | | | | | 1 | 1 |
| Salmonella Singapore | | | | | | 1 | | | | 5 | 14 |
| Salmonella Stanley | | | 3 | 1 | | | | | | 42 | 35 |
| Salmonella Tennessee | | | | | | | | | | 2 | 0 |
| Salmonella Thompson | 1 | | | | | | | | | 4 | 2 |
| Salmonella Typhimurium | 30 | 31 | 43 | 23 | 21 | 27 | 21 | 7 | | 1055 | 1036 |
| Salmonella Uganda | | | | | | | | | | 1 | 0 |
| Salmonella Urbana | | | | | | | | | | 2 | 1 |
| Salmonella Virchow | 1 | 1 | | | 2 | 1 | | | | 31 | 21 |
| Salmonella Wandsbek subsp II | | | | | | | | | | 3 | 5 |
| Salmonella Wangata | 1 | | | | | | | | | 2 | 0 |
| Salmonella Welikade | | 1 | | | | | | | | 5 | 7 |
| Salmonella Weltevreden | 4 | 2 | | | | 1 | | | | 29 | 29 |
| Salmonella Weltevreden var 15+ | | | | | | | | | | 2 | 2 |
| Salmonella species | 3 | 6 | 5 | 2 | 6 | 6 | 8 | 26 | | 156 | 101 |
| Salmonella subsp 1 ser 4,5,12:-:- | | | | | | | | | | 1 | 0 |
| Salmonella subsp 1 ser 4,5:d:- | | | | | | | | | | 13 | 0 |
| Salmonella subsp 1 ser 6,7:d:- | | | | | | | | | | 1 | 0 |
| Salmonella subsp I | | | | | | | | | | 2 | 3 |
| Salmonella subsp I ser 16:l,v:- | | | | | | | | | | 2 | 7 |
| Salmonella subsp I ser 4,5:-:- non-motile | | | | | | | | | | 2 | 0 |
| Salmonella subsp I ser 6,8:e,h:- | | | | | | | | | | 1 | 0 |
| Salmonella subsp IIIb 61:l,v:z35 | | | | | | | | | | 1 | 4 |
| Salmonella subsp IIIb 61:z52:z53 | | | | | | | | | | 2 | 3 |