

# Surveillance of notifiable conditions in Victoria

## Notes for interpreting data:

- Data presented in this publication relate to notifications received by the department and do not necessarily reflect the true incidence of the disease.
- Data are presented by residential location and do not necessarily indicate where infection was acquired.
- Data are subject to change without notice.
- Data on chlamydia data are updated two months after the end of each quarter.
- Data are typically updated on a daily basis, however, there may be a lag between receipt and recording of notification for some conditions, particularly those with large numbers of notifications.

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## Notified cases by health region (as at 13 August 2018)

Tabulated summary of cases of infectious diseases and other conditions notifiable in Victoria by Department of Health & Human Services Regions including totals for the year to date and previous year.

| Notifiable condition | Barwon South West                          |      | Eastern Metropolitan |      | Gippsland |      | Grampians |      | Hume |      | Loddon Mallee |      | Northern And Western |      | Southern Metropolitan |      | Unknown Or Non-Victorian |      | Victoria |      |      |
|----------------------|--|------|----------------------|------|-----------|------|-----------|------|------|------|---------------|------|----------------------|------|-----------------------|------|--------------------------|------|----------|------|------|
|                      | 2018                                       | 2017 | 2018                 | 2017 | 2018      | 2017 | 2018      | 2017 | 2018 | 2017 | 2018          | 2017 | 2018                 | 2017 | 2018                  | 2017 | 2018                     | 2017 | 2018     | 2017 |      |
| Blood Borne Viruses  | Hepatitis B - Newly acquired               | 0    | 3                    | 2    | 3         | 1    | 2         | 1    | 1    | 0    | 0             | 1    | 3                    | 10   | 9                     | 3    | 6                        | 1    | 0        | 19   | 27   |
|                      | Hepatitis B - Unspecified                  | 29   | 21                   | 242  | 242       | 18   | 13        | 6    | 6    | 10   | 9             | 24   | 25                   | 460  | 515                   | 188  | 223                      | 81   | 26       | 1058 | 1080 |
|                      | Hepatitis C - Newly acquired               | 3    | 8                    | 3    | 2         | 2    | 5         | 4    | 0    | 0    | 1             | 1    | 8                    | 10   | 15                    | 5    | 18                       | 5    | 1        | 33   | 58   |
|                      | Hepatitis C - Unspecified                  | 90   | 94                   | 112  | 106       | 75   | 80        | 46   | 46   | 55   | 65            | 78   | 66                   | 413  | 422                   | 240  | 242                      | 64   | 45       | 1173 | 1166 |
|                      | Hepatitis D                                | 0    | 2                    | 1    | 1         | 1    | 0         | 0    | 0    | 1    | 0             | 0    | 0                    | 3    | 3                     | 5    | 3                        | 0    | 0        | 11   | 9    |
| Enteric Diseases     | Campylobacter infection                    | 358  | 318                  | 697  | 769       | 207  | 195       | 154  | 196  | 197  | 256           | 170  | 180                  | 1153 | 1249                  | 956  | 1093                     | 25   | 37       | 3917 | 4293 |
|                      | Carbapenemase producing enterobacteriaceae | 0    | 4                    | 8    | 8         | 5    | 5         | 1    | 1    | 2    | 8             | 3    | 2                    | 38   | 36                    | 13   | 17                       | 17   | 14       | 87   | 95   |
|                      | Cryptosporidiosis                          | 37   | 61                   | 98   | 122       | 39   | 56        | 17   | 31   | 43   | 58            | 23   | 38                   | 181  | 278                   | 142  | 212                      | 3    | 6        | 583  | 862  |
|                      | Haemolytic Uraemic Syndrome                | 0    | 1                    | 0    | 0         | 1    | 0         | 0    | 0    | 0    | 0             | 0    | 0                    | 0    | 0                     | 0    | 0                        | 0    | 2        | 1    | 3    |
|                      | Hepatitis A                                | 3    | 8                    | 27   | 2         | 2    | 0         | 9    | 0    | 3    | 2             | 10   | 1                    | 90   | 19                    | 57   | 9                        | 4    | 0        | 205  | 41   |
|                      | Hepatitis E                                | 0    | 0                    | 1    | 8         | 0    | 0         | 0    | 1    | 0    | 0             | 0    | 0                    | 7    | 5                     | 5    | 0                        | 0    | 0        | 13   | 14   |
|                      | Listeriosis                                | 0    | 0                    | 2    | 2         | 2    | 0         | 2    | 0    | 0    | 0             | 0    | 1                    | 7    | 5                     | 5    | 4                        | 1    | 0        | 19   | 12   |
|                      | Paratyphoid                                | 0    | 1                    | 3    | 3         | 0    | 1         | 0    | 0    | 0    | 0             | 0    | 0                    | 10   | 8                     | 1    | 2                        | 1    | 1        | 15   | 16   |

| Notifiable condition              | Barwon South West                                       |                               | Eastern Metropolitan |      | Gippsland |      | Grampians |      | Hume |      | Loddon Mallee |      | Northern And Western |      | Southern Metropolitan |      | Unknown Or Non-Victorian |      | Victoria |       |       |
|-----------------------------------|---|-------------------------------|----------------------|------|-----------|------|-----------|------|------|------|---------------|------|----------------------|------|-----------------------|------|--------------------------|------|----------|-------|-------|
|                                   | 2018  | 2017                          | 2018                 | 2017 | 2018      | 2017 | 2018      | 2017 | 2018 | 2017 | 2018          | 2017 | 2018                 | 2017 | 2018                  | 2017 | 2018                     | 2017 | 2018     | 2017  |       |
| Enteric Diseases                  | Salmonellosis   | 144                           | 137                  | 327  | 381       | 83   | 110       | 86   | 96   | 105  | 122           | 127  | 113                  | 689  | 656                   | 440  | 520                      | 14   | 26       | 2015  | 2161  |
|                                   | Shiga-toxin and Vero-toxin producing Escherichia coli   | 6                             | 5                    | 2    | 1         | 0    | 1         | 0    | 1    | 6    | 1             | 1    | 1                    | 9    | 5                     | 6    | 4                        | 0    | 0        | 30    | 19    |
|                                   | Shigellosis   | 5                             | 8                    | 54   | 64        | 4    | 7         | 7    | 2    | 3    | 8             | 8    | 4                    | 112  | 123                   | 118  | 107                      | 3    | 3        | 314   | 326   |
|                                   | Typhoid   | 0                             | 0                    | 9    | 3         | 0    | 0         | 0    | 0    | 0    | 0             | 0    | 0                    | 19   | 18                    | 12   | 7                        | 1    | 1        | 41    | 29    |
| Other Conditions                  | Blood lead greater than 5 ug/dL                         | 21                            | 18                   | 8    | 8         | 7    | 2         | 9    | 8    | 6    | 8             | 13   | 12                   | 29   | 34                    | 9    | 14                       | 1    | 2        | 103   | 106   |
|                                   | Creutzfeldt-Jakob disease (CJD)                         | 0                             | 0                    | 0    | 2         | 1    | 0         | 0    | 1    | 0    | 0             | 0    | 0                    | 1    | 3                     | 0    | 1                        | 0    | 0        | 2     | 7     |
|                                   | Legionellosis   | 0                             | 0                    | 12   | 9         | 1    | 4         | 1    | 0    | 2    | 3             | 2    | 1                    | 29   | 28                    | 17   | 19                       | 2    | 0        | 66    | 64    |
|                                   | Mycobacterium infection (non-TB)                        | 1                             | 1                    | 4    | 2         | 0    | 0         | 0    | 0    | 0    | 0             | 0    | 0                    | 1    | 8                     | 4    | 2                        | 0    | 1        | 10    | 14    |
|                                   | Mycobacterium ulcerans                                  | 17                            | 12                   | 22   | 16        | 1    | 2         | 0    | 4    | 0    | 0             | 2    | 1                    | 25   | 15                    | 95   | 60                       | 1    | 2        | 163   | 112   |
|                                   | Tuberculosis  | 4                             | 5                    | 33   | 42        | 4    | 3         | 4    | 1    | 9    | 5             | 8    | 3                    | 119  | 134                   | 68   | 57                       | 0    | 3        | 249   | 253   |
| Sexually Transmissible Infections | AIDS  | 0                             | 0                    | 0    | 1         | 0    | 1         | 0    | 1    | 0    | 1             | 0    | 1                    | 0    | 4                     | 0    | 9                        | 0    | 0        | 0     | 18    |
|                                   | Chlamydia trachomatis infection                         | 830                           | 964                  | 1638 | 1970      | 459  | 524       | 373  | 430  | 486  | 516           | 551  | 771                  | 5083 | 5907                  | 3504 | 3918                     | 1194 | 1084     | 14118 | 16084 |
|                                   | Gonococcal infection                                    | 122                           | 136                  | 524  | 463       | 79   | 71        | 61   | 55   | 54   | 50            | 84   | 102                  | 2271 | 1919                  | 1292 | 1094                     | 619  | 845      | 5106  | 4735  |
|                                   | Human Immunodeficiency Virus Infection - <18m of age    | 0                             | 0                    | 0    | 0         | 0    | 0         | 0    | 0    | 0    | 0             | 0    | 0                    | 0    | 0                     | 0    | 0                        | 1    | 0        | 1     | 0     |
|                                   | Human Immunodeficiency Virus Infection - Newly acquired | 1                             | 0                    | 3    | 10        | 1    | 0         | 3    | 3    | 0    | 0             | 1    | 1                    | 26   | 31                    | 21   | 15                       | 2    | 7        | 58    | 67    |
|                                   | Human Immunodeficiency Virus Infection - Unspecified    | 5                             | 9                    | 10   | 10        | 1    | 4         | 5    | 2    | 0    | 3             | 0    | 2                    | 27   | 54                    | 28   | 41                       | 10   | 10       | 86    | 135   |
|                                   | Syphilis - Congenital                                   | 0                             | 0                    | 0    | 0         | 0    | 0         | 0    | 0    | 0    | 0             | 0    | 1                    | 0    | 0                     | 0    | 1                        | 0    | 0        | 0     | 2     |
|                                   | Syphilis - Infectious                                   | 20                            | 17                   | 67   | 72        | 8    | 7         | 9    | 8    | 13   | 19            | 26   | 19                   | 356  | 384                   | 206  | 245                      | 50   | 45       | 755   | 816   |
| Syphilis - Late                   | 21  | 4                             | 47                   | 48   | 10        | 9    | 6         | 9    | 18   | 9    | 12            | 13   | 229                  | 206  | 129                   | 99   | 58                       | 66   | 530      | 463   |       |
| Vaccine Preventable Diseases      | Diphtheria  | 0                             | 0                    | 0    | 1         | 0    | 0         | 0    | 0    | 0    | 0             | 0    | 0                    | 0    | 1                     | 0    | 0                        | 0    | 0        | 0     | 2     |
|                                   | Haemophilus influenzae type B infection                 | 0                             | 1                    | 0    | 0         | 0    | 0         | 0    | 0    | 0    | 0             | 0    | 0                    | 0    | 0                     | 0    | 0                        | 0    | 0        | 0     | 1     |
|                                   | Influenza   | 176                           | 828                  | 734  | 2903      | 112  | 905       | 99   | 374  | 120  | 326           | 95   | 431                  | 966  | 4002                  | 942  | 4022                     | 32   | 98       | 3276  | 13889 |
|                                   | Measles   | 0                             | 0                    | 3    | 2         | 0    | 0         | 0    | 0    | 0    | 0             | 1    | 0                    | 10   | 5                     | 4    | 1                        | 3    | 0        | 21    | 8     |
|                                   | Meningococcal infection                                 | 0                             | 6                    | 8    | 4         | 0    | 4         | 0    | 3    | 5    | 2             | 1    | 2                    | 8    | 14                    | 8    | 13                       | 0    | 0        | 30    | 48    |
|                                   | Mumps   | 4                             | 1                    | 2    | 2         | 0    | 1         | 0    | 0    | 0    | 1             | 0    | 1                    | 3    | 15                    | 1    | 8                        | 0    | 0        | 10    | 29    |
|                                   | Pertussis   | 111                           | 81                   | 143  | 218       | 59   | 87        | 36   | 39   | 36   | 52            | 76   | 67                   | 375  | 334                   | 203  | 331                      | 4    | 4        | 1043  | 1213  |
|                                   | Pneumococcal infection (IPD)                            | 24                            | 31                   | 37   | 38        | 15   | 13        | 14   | 13   | 17   | 7             | 19   | 14                   | 92   | 86                    | 58   | 51                       | 9    | 14       | 285   | 267   |
|                                   | Rubella   | 0                             | 0                    | 1    | 0         | 0    | 0         | 0    | 0    | 0    | 0             | 0    | 0                    | 0    | 0                     | 0    | 0                        | 0    | 0        | 1     | 0     |
|                                   | Varicella zoster infection (Chickenpox)                 | 44                            | 32                   | 128  | 183       | 32   | 20        | 25   | 23   | 27   | 18            | 41   | 42                   | 305  | 257                   | 186  | 180                      | 4    | 6        | 792   | 761   |
|                                   | Varicella zoster infection (Shingles)                   | 68                            | 94                   | 396  | 374       | 96   | 93        | 83   | 75   | 69   | 87            | 76   | 68                   | 494  | 505                   | 498  | 415                      | 12   | 8        | 1792  | 1719  |
|                                   | Varicella zoster infection (Unspecified)                | 259                           | 215                  | 883  | 781       | 177  | 173       | 123  | 86   | 158  | 179           | 133  | 170                  | 1359 | 1246                  | 1203 | 1042                     | 35   | 23       | 4330  | 3915  |
|                                   | Vector Borne Diseases                                   | Barmah Forest virus infection | 0                    | 0    | 0         | 1    | 2         | 1    | 0    | 1    | 1             | 5    | 0                    | 4    | 0                     | 1    | 0                        | 0    | 0        | 0     | 3     |
| Chikungunya virus infection       |   | 1                             | 0                    | 1    | 4         | 0    | 0         | 0    | 0    | 0    | 1             | 0    | 1                    | 2    | 8                     | 2    | 2                        | 1    | 0        | 7     | 16    |
| Dengue virus infection            |   | 1                             | 3                    | 15   | 36        | 1    | 2         | 1    | 5    | 1    | 9             | 1    | 6                    | 33   | 62                    | 36   | 60                       | 5    | 2        | 94    | 185   |
| Flavivirus                        |   | 0                             | 0                    | 0    | 1         | 0    | 0         | 0    | 0    | 0    | 0             | 0    | 0                    | 0    | 0                     | 0    | 0                        | 0    | 0        | 0     | 1     |
| Japanese encephalitis             |   | 0                             | 0                    | 0    | 0         | 0    | 0         | 0    | 0    | 0    | 1             | 0    | 0                    | 0    | 0                     | 0    | 0                        | 0    | 0        | 0     | 1     |
| Kunjin virus infection            |   | 0                             | 0                    | 0    | 0         | 0    | 0         | 0    | 0    | 0    | 0             | 0    | 0                    | 0    | 0                     | 0    | 0                        | 0    | 0        | 0     | 0     |
| Malaria                           |   | 0                             | 4                    | 1    | 4         | 2    | 1         | 0    | 0    | 6    | 0             | 1    | 0                    | 30   | 22                    | 14   | 6                        | 2    | 1        | 56    | 38    |
| Ross River virus infection        |   | 7                             | 186                  | 4    | 144       | 14   | 72        | 6    | 232  | 14   | 507           | 27   | 388                  | 12   | 200                   | 12   | 188                      | 0    | 0        | 96    | 1917  |
| Zoonotic                          | Brucellosis   | 0                             | 0                    | 0    | 0         | 0    | 0         | 0    | 0    | 0    | 0             | 0    | 0                    | 2    | 0                     | 0    | 0                        | 0    | 1        | 2     | 1     |
|                                   | Leptospirosis   | 2                             | 1                    | 3    | 0         | 1    | 1         | 0    | 0    | 1    | 0             | 1    | 1                    | 1    | 0                     | 1    | 1                        | 0    | 0        | 10    | 4     |

| Notifiable condition | Barwon South West |      | Eastern Metropolitan |      | Gippsland |      | Grampians |      | Hume |      | Loddon Mallee |      | Northern And Western |      | Southern Metropolitan |      | Unknown Or Non-Victorian |      | Victoria |      |   |
|----------------------|-------------------|------|----------------------|------|-----------|------|-----------|------|------|------|---------------|------|----------------------|------|-----------------------|------|--------------------------|------|----------|------|---|
|                      | 2018              | 2017 | 2018                 | 2017 | 2018      | 2017 | 2018      | 2017 | 2018 | 2017 | 2018          | 2017 | 2018                 | 2017 | 2018                  | 2017 | 2018                     | 2017 | 2018     | 2017 |   |
| Zoonotic             | Psittacosis       | 0    | 0                    | 1    | 0         | 0    | 0         | 1    | 0    | 0    | 0             | 0    | 0                    | 5    | 0                     | 0    | 0                        | 0    | 1        | 6    |   |
|                      | Q Fever           | 1    | 1                    | 0    | 0         | 3    | 2         | 2    | 0    | 4    | 1             | 2    | 0                    | 0    | 2                     | 1    | 1                        | 0    | 0        | 13   | 7 |

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Please contact Communicable Disease Epidemiology and Surveillance, Health Protection, on 1300 651 160 for further information.

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