

## **National Communicable Diseases Surveillance Report**

### **Fortnight 11, 2022 Summary Notes for Selected Diseases**

**16 May 2022 to 29 May 2022**

#### **Infectious and congenital syphilis**

Increases in infectious syphilis notifications are attributed to an on-going outbreak occurring in Aboriginal and Torres Strait Islander people residing in northern and central Australia, continued increases among men who have sex with men (MSM) in urban areas, and increases in women (Aboriginal and Torres Strait Islander and non-Indigenous) predominately residing in urban areas of Australia.

#### *Outbreak in northern and central Australia*

In January 2011, an increase of infectious syphilis notifications among Aboriginal and Torres Strait Islander people was identified in the North West region of Queensland, following a steady decline at a national level in remote communities. Subsequent increases in infectious syphilis notifications were reported in the Northern Territory in 2013, Western Australia in 2014 and South Australia in 2016, following sustained periods of low notification rates. The outbreak is of significant public health concern given the: elevated rates of infectious syphilis among women of child-bearing age, increasing the risk of congenital syphilis; and the concomitant risk of HIV transmission. For the latest information on the infectious syphilis outbreak and related national activities, refer to the [Department's website](#).

#### *Increases among MSM*

Since 2010 increases in notifications of infectious syphilis have been reported in MSM, predominately 20-39 years of age, residing in urban areas of Australia.

#### *Increases among women (Aboriginal and Torres Strait Islander and non-Indigenous)*

Since 2016, increases in notifications of infectious syphilis have been reported in women (Aboriginal and Torres Strait Islander and non-Indigenous) aged predominately 20-39 years of age residing largely in urban areas in Australia. As noted in the outbreak in northern and central Australia, increases in women of childbearing age is of significant public health concern given the increased risk of congenital syphilis.

#### *Syphilis response*

On 23 March 2021, the Australian Health Protection Principal Committee (AHPPC) endorsed the [National strategic approach for responding to rising rates of syphilis in Australia 2021](#) (Strategic Approach) prepared through the Communicable Diseases Network Australia (CDNA) and BBV STI Standing Committee (BBVSS). The Strategic Approach builds on and intersects with existing national activities related to syphilis and provides specific focus for efforts towards rising rates of syphilis and adverse outcomes in Australia.

The CDNA and BBVSS are, in collaboration, developing priority public health actions, including those related to workforce and community engagement, to ensure progress is made towards reducing the incidence of syphilis and elimination of congenital syphilis in Australia.

For further information on national activities related to syphilis refer to the [Department's website](#).

### **Interpretative Notes**

*Selected diseases are chosen each fortnight based on either exceeding two standard deviations from the 90 day and/or 365 day five year rolling mean or other disease issues of significance identified during the reporting period. All diseases reported are analysed by notification receive date. Data are extracted each Monday of a CDNA week.*

*Totals comprise data from all States and Territories. Cumulative figures are subject to retrospective revision so there may be discrepancies between the number of new notifications and the increment in the cumulative figure from the previous period.*

<sup>1</sup>*The past quarter (90 day) surveillance period includes the date range (29/02/2022 to 29/05/2022).*

<sup>2</sup>*The quarterly (90 day) five year rolling mean is the average of 5 intervals of 90 days up to 29/05/2022. The ratio is the notification activity in the past quarter (90 days) compared with the five year rolling mean for the same period.*

<sup>3</sup>*The past year (365 day) surveillance period includes the date range (30/05/2021 to 29/05/2022).*

<sup>4</sup>*The yearly (365 day) five year rolling mean is the average of 5 intervals of 365 days up to 29/05/2022. The ratio is the notification activity in the past year (365 days) compared with the five year rolling mean for the same period.*

*The five year rolling mean and the ratio of notifications compared with the five year rolling mean should be interpreted with caution. Changes in surveillance practice, diagnostic techniques and reporting may contribute to increases or decreases in the total notifications received over a five year period. Ratios are to be taken as a crude measure of current disease activity and may reflect changes in reporting rather than changes in disease activity.*

| ADT FN11/2022                     |   |                                  | Notification received date |                          |                          |                          |                          |                               |                                 |   |                          |                           |                                 |                                      |                          |                               |                                 |   |                          |                            |                              |                                      |   |
|-----------------------------------|---|----------------------------------|----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------|---------------------------------|---|--------------------------|---------------------------|---------------------------------|--------------------------------------|--------------------------|-------------------------------|---------------------------------|---|--------------------------|----------------------------|------------------------------|--------------------------------------|---|
| Disease group                     | Disease name  | Disease code                     | State or Territory         |                          |                          |                          |                          |                               |                                 |   | Totals for Australia     |                           |                                 |                                      | Historical 90 Day Period |                               |                                 |   | Historical Yearly Period |                            |                              |                                      |   |
|                                   |   |                                  | ACT                        | NSW                      | NT                       | Qld                      | SA                       | Tas                           | Vic                             | WA                                      | This reporting period    | Previous reporting Period | Same reporting period last year | Current year YTD                     | Past Quarter             | Quarterly rolling 5 year mean | Ratio past quarter/5 year mean* | Exceeds quarterly rolling mean +2 SD by | Past Year                | Yearly rolling 5 year mean | Ratio past year/5 year mean* | Exceeds yearly rolling mean +2 SD by |   |
|                                   |   |                                  | 16/05/2022<br>29/05/2022   | 02/05/2022<br>15/05/2022 | 16/05/2021<br>29/05/2021 | 01/01/2022<br>29/05/2022 | 01/03/2022<br>29/05/2022 | Quarterly rolling 5 year mean | Ratio past quarter/5 year mean* | Exceeds quarterly rolling mean +2 SD by | 30/05/2021<br>29/05/2022 | 30/05/2016<br>29/05/2021  | Ratio past year/5 year mean*    | Exceeds yearly rolling mean +2 SD by |                          |                               |                                 |   |                          |                            |                              |                                      |   |
| Bloodborne diseases               | Hepatitis B (newly acquired)                            | 039                              | -                          | -                        | -                        | 3                        | -                        | -                             | -                               | 1                                       | 4                        | -                         | 3                               | 20                                   | 14                       | 34.2                          | 0.4                             | -                                       | 70                       | 140.6                      | 0.5                          | -                                    |   |
|                                   | Hepatitis B (unspecified)                               | 052                              | 4                          | 94                       | -                        | 70                       | 2                        | 6                             | 54                              | 20                                      | 250                      | 246                       | 208                             | 2,125                                | 1,377                    | 1,376.6                       | 1.0                             | -                                       | 5,069                    | 5,570.6                    | 0.9                          | -                                    |   |
|                                   | Hepatitis C (newly acquired)                            | 040                              | -                          | 3                        | -                        | 11                       | 1                        | -                             | 1                               | 1                                       | 17                       | 31                        | 18                              | 202                                  | 129                      | 164.2                         | 0.8                             | -                                       | 647                      | 697.0                      | 0.9                          | -                                    |   |
|                                   | Hepatitis C (unspecified)                               | 053                              | 1                          | 103                      | 1                        | 53                       | 1                        | 7                             | 58                              | 29                                      | 253                      | 258                       | 281                             | 2,355                                | 1,535                    | 2,229.2                       | 0.7                             | -                                       | 6,344                    | 8,989.8                    | 0.7                          | -                                    |   |
|                                   | Hepatitis D   | 050                              | -                          | -                        | -                        | 1                        | -                        | -                             | -                               | 1                                       | 2                        | 5                         | 7                               | 32                                   | 21                       | 16.4                          | 1.3                             | -                                       | 82                       | 74.2                       | 1.1                          | -                                    |   |
| Gastrointestinal diseases         | Botulism  | 045                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | 2                                    | 1                        | -                             | -                               | 1.0                                     | 5                        | 1.2                        | 4.2                          | 2.1                                  |   |
|                                   | Campylobacteriosis                                      | 005                              | 28                         | 434                      | 15                       | 348                      | 112                      | 34                            | 154                             | 125                                     | 1,250                    | 1,349                     | 1,317                           | 14,051                               | 8,156                    | 7,227.6                       | 1.1                             | -                                       | 36,684                   | 32,407.8                   | 1.1                          | -                                    |   |
|                                   | Cholera   | 008                              | -                          | -                        | -                        | -                        | 1                        | -                             | -                               | -                                       | 1                        | -                         | -                               | 2                                    | 2                        | 0.4                           | 5.0                             | -                                       | 3                        | 1.0                        | 3.0                          | -                                    |   |
|                                   | Cryptosporidiosis                                       | 061                              | 1                          | 22                       | 1                        | 34                       | 1                        | 1                             | 25                              | 9                                       | 94                       | 117                       | 88                              | 878                                  | 588                      | 1,058.0                       | 0.6                             | -                                       | 1,887                    | 3,142.6                    | 0.6                          | -                                    |   |
|                                   | Haemolytic uraemic syndrome (HUS)                       | 055                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | 2                                    | 2                        | 4.4                           | 0.5                             | -                                       | 6                        | 15.0                       | 0.4                          | -                                    |   |
|                                   | Hepatitis A   | 038                              | -                          | 1                        | -                        | -                        | -                        | -                             | -                               | 1                                       | 1                        | 3                         | 4                               | 1                                    | 38                       | 31                            | 60.2                            | 0.5                                     | -                        | 56                         | 214.4                        | 0.3                                  | - |
|                                   | Hepatitis E   | 051                              | -                          | 1                        | -                        | 1                        | -                        | -                             | -                               | -                                       | 2                        | 1                         | -                               | 9                                    | 5                        | 14.2                          | 0.4                             | -                                       | 14                       | 40.6                       | 0.3                          | -                                    |   |
|                                   | Listeriosis   | 018                              | -                          | 1                        | -                        | -                        | -                        | -                             | -                               | 1                                       | -                        | 2                         | 4                               | 1                                    | 38                       | 25                            | 9.6                             | 2.6                                     | 6.6                      | 65                         | 59.6                         | 1.1                                  | - |
|                                   | Paratyphoid   | 080                              | -                          | 1                        | -                        | -                        | -                        | -                             | -                               | 2                                       | -                        | 3                         | 1                               | -                                    | 20                       | 17                            | 19.4                            | 0.9                                     | -                        | 24                         | 68.2                         | 0.4                                  | - |
|                                   | Salmonellosis   | 030                              | 6                          | 105                      | 19                       | 144                      | 19                       | 6                             | 79                              | 25                                      | 403                      | 421                       | 403                             | 5,350                                | 3,245                    | 3,973.8                       | 0.8                             | -                                       | 10,323                   | 14,340.6                   | 0.7                          | -                                    |   |
|                                   | Shigellosis   | 031                              | 2                          | 16                       | 2                        | 10                       | 1                        | 1                             | 12                              | 5                                       | 49                       | 35                        | 28                              | 353                                  | 247                      | 446.6                         | 0.6                             | -                                       | 611                      | 2,022.4                    | 0.3                          | -                                    |   |
|                                   | STEC  | 054                              | -                          | 9                        | -                        | 2                        | 22                       | -                             | 7                               | 6                                       | 46                       | 25                        | 29                              | 331                                  | 217                      | 147.8                         | 1.5                             | 25.2                                    | 680                      | 564.0                      | 1.2                          | -                                    |   |
|                                   | Typhoid Fever   | 035                              | -                          | 4                        | -                        | 1                        | 1                        | -                             | 6                               | -                                       | 12                       | 9                         | -                               | 67                                   | 49                       | 40.2                          | 1.2                             | -                                       | 76                       | 134.4                      | 0.6                          | -                                    |   |
| Listed Human diseases             | Avian influenza in humans (AIH)                         | 076                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            | -                                    |   |
|                                   | COVID-19  | 081                              | 11,889                     | 126,374                  | 521                      | 20,298                   | 47,453                   | 2,183                         | 149,982                         | 119,849                                 | 478,459                  | 513,571                   | 134                             | 5,668,479                            | 3,316,026                | 1,714.8                       | 1,933.8                         | 3,307,905.0                             | 6,076,916                | 6,077.8                    | 999.9                        | 6,050,883.7                          |   |
|                                   | Middle East respiratory syndrome coronavirus (MERS-CoV) | 079                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            | -                                    |   |
|                                   | Plague  | 025                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            | -                                    |   |
|                                   | Severe acute respiratory syndrome (SARS)                | 071                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            | -                                    |   |
|                                   | Smallpox  | 069                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            | -                                    |   |
|                                   | Viral haemorrhagic fever (NEC)                          | 036                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            | -                                    |   |
| Yellow fever                      | 041   | -                                | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            |                                      |   |
| Sexually transmissible infections | Chlamydial infection                                    | 007                              | 71                         | 962                      | 52                       | 1,007                    | 233                      | 57                            | 683                             | 497                                     | 3,562                    | 3,676                     | 3,624                           | 35,730                               | 22,921                   | 24,577.8                      | 0.9                             | -                                       | 85,821                   | 99,695.0                   | 0.9                          | -                                    |   |
|                                   | Donovanosis   | 010                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            | -                                    |   |
|                                   | Gonococcal infection                                    | 011                              | 13                         | 415                      | 24                       | 236                      | 88                       | 7                             | 62                              | 138                                     | 983                      | 1,277                     | 1,149                           | 12,372                               | 7,707                    | 7,647.8                       | 1.0                             | -                                       | 27,365                   | 30,185.6                   | 0.9                          | -                                    |   |
|                                   | Syphilis < 2 years                                      | 066                              | 1                          | 48                       | 9                        | 38                       | 7                        | -                             | 59                              | 29                                      | 191                      | 216                       | 250                             | 2,082                                | 1,264                    | 1,381.2                       | 0.9                             | -                                       | 5,502                    | 5,328.8                    | 1.0                          | -                                    |   |
|                                   | Syphilis > 2 years or unspecified duration              | 067                              | -                          | 13                       | -                        | 5                        | 1                        | -                             | 36                              | 11                                      | 66                       | 76                        | 76                              | 797                                  | 505                      | 482.4                         | 1.0                             | -                                       | 1,800                    | 1,906.6                    | 0.9                          | -                                    |   |
|                                   | Syphilis congenital                                     | 047                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | 5                                    | 1                        | 2.2                           | 0.5                             | -                                       | 15                       | 9.0                        | 1.7                          | -                                    |   |
|                                   | Diphtheria  | 009                              | -                          | -                        | -                        | 1                        | -                        | -                             | -                               | -                                       | 1                        | 3                         | 1                               | 19                                   | 18                       | 1.6                           | 11.3                            | 14.6                                    | 23                       | 8.6                        | 2.7                          | 12.1                                 |   |
| Vaccine preventable diseases      | Haemophilus influenzae type b                           | 012                              | -                          | 1                        | -                        | -                        | -                        | -                             | -                               | -                                       | 1                        | -                         | 2                               | 2                                    | 2                        | 4.4                           | 0.5                             | -                                       | 12                       | 19.6                       | 0.6                          | -                                    |   |
|                                   | Measles   | 021                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | 34.4                          | -                               | -                                       | -                        | 108.2                      | -                            | -                                    |   |
|                                   | Meningococcal disease (invasive)                        | 022                              | 1                          | 1                        | -                        | 5                        | 1                        | -                             | -                               | 1                                       | 9                        | 2                         | 6                               | 33                                   | 20                       | 38.6                          | 0.5                             | -                                       | 73                       | 234.6                      | 0.3                          | -                                    |   |
|                                   | Mumps   | 043                              | -                          | 1                        | -                        | -                        | -                        | -                             | -                               | -                                       | 1                        | 1                         | -                               | 8                                    | 6                        | 93.6                          | 0.1                             | -                                       | 18                       | 427.0                      | 0.0                          | -                                    |   |
|                                   | Pneumococcal disease (invasive)                         | 065                              | -                          | 20                       | 8                        | 12                       | 7                        | -                             | 15                              | 4                                       | 66                       | 56                        | 80                              | 427                                  | 297                      | 328.6                         | 0.9                             | -                                       | 1,282                    | 1,819.0                    | 0.7                          | -                                    |   |
|                                   | Poliovirus infection                                    | 026                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            | -                                    |   |
|                                   | Rotavirus   | 077                              | -                          | 22                       | 2                        | 24                       | 10                       | 2                             | 4                               | 13                                      | 77                       | 83                        | 44                              | 890                                  | 474                      | 557.4                         | 0.9                             | -                                       | 2,941                    | 4,075.0                    | 0.7                          | -                                    |   |
|                                   | Rubella   | 029                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | 3.6                           | -                               | -                                       | 2                        | 10.2                       | 0.2                          | -                                    |   |
|                                   | Rubella congenital                                      | 046                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            | -                                    |   |
|                                   | Tetanus   | 033                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | 0.8                           | -                               | -                                       | 2                        | 4.2                        | 0.5                          | -                                    |   |
|                                   | Varicella zoster (chickenpox)                           | 073                              | 6                          | NN                       | 1                        | 1                        | 12                       | 2                             | 16                              | 16                                      | 54                       | 26                        | 115                             | 460                                  | 286                      | 693.0                         | 0.4                             | -                                       | 1,599                    | 3,642.0                    | 0.4                          | -                                    |   |
|                                   | Varicella zoster (shingles)                             | 074                              | 23                         | NN                       | 17                       | 8                        | 79                       | 15                            | 43                              | 75                                      | 260                      | 262                       | 372                             | 3,260                                | 1,837                    | 3,118.6                       | 0.6                             | -                                       | 9,136                    | 12,992.0                   | 0.7                          | -                                    |   |
|                                   | Varicella zoster (unspecified)                          | 075                              | 2                          | NN                       | 4                        | 345                      | 38                       | 18                            | 202                             | 113                                     | 722                      | 780                       | 744                             | 8,071                                | 5,020                    | 3,592.6                       | 1.4                             | -                                       | 21,087                   | 14,216.6                   | 1.5                          | 3,470.9                              |   |
|                                   | Respiratory diseases                                    | Influenza (laboratory confirmed) | 062                        | 356                      | 14,496                   | 1,021                    | 7,889                    | 1,161                         | 132                             | 10,660                                  | 229                      | 35,944                    | 14,541                          | 39                                   | 56,292                   | 56,221                        | 15,209.2                        | 3.7                                     | -                        | 56,739                     | 145,581.6                    | 0.4                                  | - |
| Legionellosis                     |   | 015                              | -                          | 17                       | 1                        | 9                        | 4                        | -                             | 3                               | 5                                       | 39                       | 37                        | 25                              | 273                                  | 170                      | 123.6                         | 1.4                             | -                                       | 575                      | 456.2                      | 1.3                          | -                                    |   |
| Pertussis                         |   | 024                              | -                          | 5                        | -                        | 2                        | 1                        | -                             | 12                              | 1                                       | 21                       | 14                        | 29                              | 192                                  | 117                      | 1,870.6                       | 0.1                             | -                                       | 509                      | 10,527.4                   | 0.0                          | -                                    |   |
| RSV^                              |   | 083                              | 53                         | NN                       | 8                        | 3,432                    | 47                       | NN                            | NN                              | 13                                      | 3,553                    | 1,512                     | -                               | 7,773                                | 6,855                    | -                             | 6,855.0                         | 9,239                                   | -                        | -                          | 9,239.0                      |                                      |   |
| Tuberculosis                      |   | 034                              | -                          | 12                       | 3                        | 3                        | -                        | 2                             | 15                              | 2                                       | 37                       | 45                        | 57                              | 447                                  | 297                      | 352.0                         | 0.8                             | -                                       | 1,311                    | 1,496.6                    | 0.9                          | -                                    |   |
| Vectorborne diseases              | Barmah Forest virus infection                           | 048                              | -                          | 1                        | -                        | 6                        | -                        | -                             | -                               | -                                       | 7                        | 18                        | 13                              | 142                                  | 88                       | 142.0                         | 0.6                             | -                                       | 337                      | 415.6                      | 0.8                          | -                                    |   |
|                                   | Chikungunya virus infection                             | 078                              | -                          | -                        | -                        | -                        | -                        | 1                             | -                               | -                                       | 1                        | 1                         | -                               | 9                                    | 6                        | 9.4                           | 0.6                             | -                                       | 10                       | 68.8                       | 0.1                          | -                                    |   |
|                                   | Dengue virus infection                                  | 003                              | -                          | 2                        | -                        | 2                        | -                        | -                             | 1                               | 1                                       | 6                        | 11                        | -                               | 42                                   | 38                       | 199.2                         | 0.2                             | -                                       | 51                       | 964.0                      | 0.1                          | -                                    |   |
|                                   | Flavivirus infection (unspecified)                      | 001                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | 1                                    | 1                        | 1.8                           | 0.6                             | -                                       | 2                        | 21.2                       | 0.1                          | -                                    |   |
|                                   | Japanese encephalitis virus infection**                 | 059                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            | -                                    |   |
|                                   | Malaria   | 020                              | 1                          | 3                        | 3                        | 1                        | 1                        | -                             | -                               | -                                       | 9                        | 5                         | -                               | 51                                   | 38                       | 62.2                          | 0.6                             | -                                       | 96                       | 304.0                      | 0.3                          | -                                    |   |
|                                   | Murray Valley encephalitis virus infection              | 049                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | 0.2                           | -                               | -                                       | 1                        | 0.2                        | 5.0                          | -                                    |   |
|                                   | Ross River virus infection                              | 002                              | -                          | 28                       | 1                        | 19                       | 2                        | 1                             | 5                               | 6                                       | 62                       | 100                       | 165                             | 2,195                                | 1,050                    | 2,070.6                       | 0.5                             | -                                       | 3,187                    | 4,635.6                    | 0.7                          | -                                    |   |
| West Nile/Kunjin virus infection  | 060   | -                                | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | 0.6                      | -                             | -                               | -                                       | 1.4                      | -                          | -                            |                                      |   |
| Zoonoses                          | Anthrax   | 058                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            | -                                    |   |
|                                   | Australian bat lyssavirus infection                     | 063                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            | -                                    |   |
|                                   | Brucellosis   | 004                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | 3                               | 3                                    | 1                        | 4.0                           | 0.3                             | -                                       | 12                       | 19.6                       | 0.6                          | -                                    |   |
|                                   | Leptospirosis   | 017                              | -                          | -                        | -                        | 10                       | 1                        | -                             | -                               | -                                       | 11                       | 4                         | 20                              | 72                                   | 51                       | 57.4                          | 0.9                             | -                                       | 176                      | 155.0                      | 1.1                          | -                                    |   |
|                                   | Lyssavirus infection (NEC)                              | 064                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            | -                                    |   |
|                                   | Monkeypox virus (MPXV) infection ++                     | 084                              | -                          | 1                        | -                        | -                        | -                        | -                             | 1                               | -                                       | 2                        | -                         | -                               | 2                                    | 2                        | -                             | 2.0                             | -                                       | 2                        | -                          | -                            | 2.0                                  |   |
|                                   | Ornithosis  | 023                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | 2                         | 2                               | 4                                    | 3                        | 5.8                           | 0.5                             | -                                       | 33                       | 29.6                       | 1.1                          | -                                    |   |
|                                   | Q fever   | 027                              | -                          | 5                        | -                        | 7                        | 1                        | -                             | -                               | -                                       | 13                       | 12                        | 31                              | 168                                  | 100                      | 139.6                         | 0.7                             | -                                       | 426                      | 525.8                      | 0.8                          | -                                    |   |
|                                   | Rabies  | 028                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | -                             | -                               | -                                       | -                        | -                          | -                            | -                                    |   |
|                                   | Tularaemia  | 070                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | -                                    | -                        | 0.2                           | -                               | -                                       | -                        | 0.4                        | -                            | -                                    |   |
| Other notifiable diseases         | iGAS^   | 082                              | -                          | NN                       | 6                        | 19                       | 2                        | NN                            | NN                              | 5                                       | 32                       | 22                        | -                               | 255                                  | 171                      | 0.8                           | 213.8                           | 167.6                                   | 473                      | 1.2                        | 394.2                        | 468.2                                |   |
|                                   | Leprosy   | 016                              | -                          | -                        | -                        | -                        | -                        | -                             | -                               | -                                       | -                        | -                         | -                               | 2                                    | 1                        | 1.8                           | -                               | -                                       | 10                       | 10.2                       | 1.0                          | -                                    |   |
|                                   |   |                                  | 12,458                     | 143,221                  | 1,719                    | 34,057                   | 49,310                   | 2,475                         | 162,199                         | 121,231                                 | 526,580                  | 538,859                   | 9,367                           | 5,826,432                            | 3,437                    |                               |                                 |   |                          |                            |                              |                                      |   |