



| Promoting wettness. Ensuring care.      |     |         |         |     |     |         |    |        |        |  |                                       |  |  |  |  |
|---|-----|---------|---------|-----|-----|---------|----|--------|--------|--|---------------------------------------|--|--|--|--|
|   |     | Cases b | y Month |     |     | Cases b |    | Year T | o Date | Average monthly case count with 5-year |                                       |  |  |  |  |
| isease                                  | Apr | Mar     | Feb     | Jan | VAN | RMD     | CU | CR     | 2019   | 2018                                   | historic average, minimum and maximum |  |  |  |  |
| accine Preventable Diseases             |     |         |         |     |     |         |    |        |        |  |                                       |  |  |  |  |
| Diphtheria: Acute                       | 0   | 0       | 0       | 0   | 0   | 0       | 0  | 0      | 0      | 0                                      | 0 0.2 0.4 0.6 0.8                     |  |  |  |  |
| Haemophilus influenzae Type B, invasive | 0   | 0       | 0       | 0   | 0   | 0       | 0  | 0      | 0      | 0                                      | 0 0.2 0.4 0.6 0.8                     |  |  |  |  |
| Hepatitis B: Acute                      | 0   | 0       | 0       | 0   | 0   | 0       | 0  | 0      | 0      | 1                                      | 0 0.2 0.4 0.6 0.8 1                   |  |  |  |  |
| Hepatitis B: Chronic carrier            | 10  | 3       | 35      | 42  | 7   | 2       | 1  | 0      | 90     | 148                                    | 0 10 20 30 40 50                      |  |  |  |  |
| Hepatitis B: Undetermined status        | 0   | 20      | 2       | 0   | 0   | 0       | 0  | 0      | 22     | 9                                      | 0 0.5 1 1.5 2 2.5 3                   |  |  |  |  |
| Influenza                               | 2   | 620     | 445     | 376 | 2   | 0       | 0  | 0      | 1443   | 1538                                   | 0 50 100 150                          |  |  |  |  |
| Measles                                 | 0   | 0       | 0       | 0   | 0   | 0       | 0  | 0      | 0      | 10                                     | 0 0.5 1 1.5 2 2.5 3                   |  |  |  |  |
| Mumps                                   | 0   | 2       | 3       | 2   | 0   | 0       | 0  | 0      | 7      | 6                                      | 0 2 4 6 8                             |  |  |  |  |
| Pertussis                               | 7   | 11      | 15      | 18  | 1   | 0       | 0  | 6      | 51     | 18                                     | 0 2 4 6                               |  |  |  |  |
| Rubella                                 | 0   | 0       | 0       | 0   | 0   | 0       | 0  | 0      | 0      | 0                                      | 0 0.2 0.4 0.6 0.8                     |  |  |  |  |
| Sexually Transmitted & Bloodborne       |     |         |         |     |     |         |    |        |        |  |                                       |  |  |  |  |
| Congenital rubella syndrome             | 0   | 0       | 0       | 0   | 0   | 0       | 0  | 0      | 0      | 0                                      | 0 0.2 0.4 0.6 0.8                     |  |  |  |  |
| Chlamydia                               | -   | -       | -       | -   | -   | -       | -  | -      | -      | -                                      | 0 0.2 0.4 0.6 0.8                     |  |  |  |  |
| Gonorrhea                               | -   | -       | -       | -   | -   | -       | -  | -      | -      | -                                      | 0 0.2 0.4 0.6 0.8                     |  |  |  |  |
| Hepatitis C: Acute                      | 1   | 0       | 4       | 4   | 1   | 0       | 0  | 0      | 9      | 17                                     | 0 1 2 3 4                             |  |  |  |  |
|   |     |         |         |     |     |         |    |        |        |  |                                       |  |  |  |  |





| Disease                            | Apr | Cases by<br>Mar | / Month<br>Feb | Jan | VAN | Cases by | HSDA* | CR | Year T<br>2019 | o Date<br>2018 |     |     |        |       | with 5-y |     |
|------------------------------------|-----|-----------------|----------------|-----|-----|----------|-------|----|----------------|----------------|-----|-----|--------|-------|----------|-----|
| Hepatitis C: Chronic               | 11  | 21              | 29             | 35  | 10  | 0        | 0     | 1  | 96             | 98             | 0   | 10  | 20     | 30    | 40       | 50  |
| Hepatitis D                        | 0   | 0               | 0              | 0   | 0   | 0        | 0     | 0  | 0              | 0              | 0   | 0.2 | 0.4    | 0.6   | 0.8      | 1   |
| HIV                                | 2   | 11              | 9              | 7   | 0   | 0        | 0     | 0  | 29             | 19             | 0   | 2   | 4 6    | 8     | 10       | 12  |
| Syphilis: Infectious               | -   | -               | -              | -   | -   | -        | -     | -  | -              | -              | 0   | 0.2 | 0.4    | 0.6   | 0.8      | 1   |
| Syphilis: Other                    | -   | -               | -              | -   | -   | -        | -     | -  | -              | -              | 0   | 0.2 | 0.4    | 0.6   | 0.8      | 1   |
| Direct Contact & Respiratory       |     |                 |                |     |     |          |       |    |                |                |     |     |        |       |          |     |
| Legionellosis                      | 0   | 0               | 0              | 0   | 0   | 0        | 0     | 0  | 0              | 1              | 0 0 | .2  | 0.4 0. | 5 0.8 | 1        | 1.2 |
| Meningococcal, invasive            | 0   | 0               | 2              | 0   | 0   | 0        | 0     | 0  | 2              | 3              | 0 0 | .2  | 0.4 0. | 5 0.8 | 1        | 1.2 |
| Meningococcal, conjunctivitis      | 0   | 0               | 0              | 0   | 0   | 0        | 0     | 0  | 0              | 0              | 0   | 0.2 | 0.4    | 0.6   | 0.8      | 1   |
| Meningococcal, other, non-invasive | 0   | 0               | 0              | 0   | 0   | 0        | 0     | 0  | 0              | 0              | 0   | 0.2 | 0.4    | 0.6   | 0.8      | 1   |
| Streptococcal, Gp A invasive       | 9   | 12              | 8              | 20  | 8   | 0        | 1     | 0  | 49             | 34             | 0   | 5   | 1      | )     | 15       | 20  |
| Streptococcal, Gp B neonatal       | 0   | 0               | 0              | 0   | 0   | 0        | 0     | 0  | 0              | 0              | 0   | 0.2 | 0.4    | 0.6   | 0.8      | 1   |
| Pneumococcal, invasive             | 5   | 8               | 17             | 17  | 4   | 1        | 0     | 0  | 47             | 48             | 0 2 | 4   | 6      | 8     | 10 12    | 14  |
| Tuberculosis                       | 4   | 2               | 3              | 9   | 2   | 1        | 1     | 0  | 18             | 26             | 0 2 | 4   | 6      | 8     | 10 12    | 14  |
| Enteric, Food & Waterborne         |     |                 |                |     |     |          |       |    |                |                |     |     |        |       |          |     |
| Amebiasis                          | 2   | 4               | 7              | 2   | 2   | 0        | 0     | 0  | 15             | 37             | 0   | 5   | 10 1   | 5 20  | 25       | 30  |





| 1 romoting wetthess. Ensuring care. |     |         |                |     |     |          |       |    |                |                |  |
|-------------------------------------|-----|---------|----------------|-----|-----|----------|-------|----|----------------|----------------|--|
| Disease                             | Apr | Cases b | y Month<br>Feb | Jan | VAN | Cases by | HSDA* | CR | Year T<br>2019 | o Date<br>2018 | Average monthly case count with 5-year historic average, minimum and maximum |
| Campylobacteriosis                  | 5   | 22      | 33             | 37  | 3   | 0        | 0     | 2  | 97             | 147            | 0 10 20 30 40 50 60  |
| Cryptococcus                        | 1   | 0       | 0              | 0   | 1   | 0        | 0     | 0  | 1              | 0              | 0 0.2 0.4 0.6 0.8 1 1.2  |
| Cryptosporidiosis                   | 1   | 4       | 3              | 7   | 0   | 1        | 0     | 0  | 15             | 25             | 0 1 2 3 4 5  |
| Cyclosporiasis                      | 0   | 0       | 0              | 0   | 0   | 0        | 0     | 0  | 0              | 0              | 0 0.2 0.4 0.6 0.8 1 1.2  |
| E.coli - verotoxigenic              | 0   | 1       | 2              | 4   | 0   | 0        | 0     | 0  | 7              | 7              | 0 1 2 3 4 5 6 7  |
| Giardiasis                          | 5   | 12      | 12             | 20  | 2   | 0        | 2     | 1  | 49             | 66             | 0 5 10 15 20 25  |
| Hepatitis A                         | 1   | 1       | 1              | 3   | 0   | 0        | 0     | 1  | 6              | 4              | 0 0.5 1 1.5 2 2.5  |
| Hepatitis E                         | 0   | 0       | 0              | 0   | 0   | 0        | 0     | 0  | 0              | 1              | 0 0.5 1 1.5 2 2.5  |
| Listeriosis                         | 0   | 0       | 0              | 0   | 0   | 0        | 0     | 0  | 0              | 0              | 0 0.2 0.4 0.6 0.8 1 1.2  |
| Paratyphoid fever                   | 0   | 0       | 0              | 2   | 0   | 0        | 0     | 0  | 2              | 3              | 0 0.2 0.4 0.6 0.8 1 1.2  |
| Salmonellosis <sup>§</sup>          | 5   | 8       | 15             | 16  | 2   | 1        | 2     | 0  | 44             | 69             | 0 5 10 15 20 25 30   |
| Shigellosis                         | 1   | 4       | 6              | 0   | 1   | 0        | 0     | 0  | 11             | 24             | 0 2 4 6 8  |
| Typhoid fever                       | 0   | 1       | 0              | 1   | 0   | 0        | 0     | 0  | 2              | 1              | 0 0.5 1 1.5 2 2.5 3 3.5  |
| Vibrio parahaemolyticus             | 0   | 0       | 0              | 0   | 0   | 0        | 0     | 0  | 0              | 0              | 0 0.5 1 1.5 2 2.5  |
| Yersiniosis                         | 8   | 15      | 14             | 13  | 5   | 0        | 3     | 0  | 50             | 80             | 0 5 10 15 20 25 30 35  |
| Vectorborne & Zoonotic              |     |         |                |     |     |          |       |    |                |                |  |





| Disease                     | Apr | Cases by<br>Mar | y Month<br>Feb | Jan | VAN | Cases by HSDA*  VAN RMD CU CR |   |   | Year To Date<br>2019 2018 |   | Average monthly case count with 5-year historic average, minimum and maximum |  |  |  |  |
|-----------------------------|-----|-----------------|----------------|-----|-----|-------------------------------|---|---|---------------------------|---|--|--|--|--|--|
| Lyme Disease                | 0   | 0               | 0              | 0   | 0   | 0                             | 0 | 0 | 0                         | 0 | 0 0.2 0.4 0.6 0.8 1 1.2  |  |  |  |  |
| Dengue Fever                | 0   | 0               | 0              | 0   | 0   | 0                             | 0 | 0 | 0                         | 0 | 0 0.5 1 1.5 2 2.5 3 3.5  |  |  |  |  |
| Malaria                     | 0   | 0               | 0              | 1   | 0   | 0                             | 0 | 0 | 1                         | 1 | 0 0.5 1 1.5 2 2.5 3 3.5  |  |  |  |  |
| West Nile virus - confirmed | 0   | 0               | 0              | 0   | 0   | 0                             | 0 | 0 | 0                         | 0 | 0 0.2 0.4 0.6 0.8 1  |  |  |  |  |
| Zika virus                  | 0   | 0               | 0              | 0   | 0   | 0                             | 0 | 0 | 0                         | 2 | 0 0.2 0.4 0.6 0.8 1  |  |  |  |  |
|                             |     |                 |                |     |     |                               |   |   |                           |   |  |  |  |  |  |

### Prepared by:

Vancouver Coastal Health, Public Health Surveillance Unit, August 10 2020.

### Data sources:

- 1. Sexually transmitted and bloodborne disease data, with the exception of Hepatitis C, are provided by the BC Centre for Disease Control (BCCDC), extracted on August 10 2020.
- 2. Other disease data are provided by Vancouver Coastal Health, Public Health Surveillance Unit from the Primary Access Regional Information System (PARIS). Data extracted on November 15, 2018.

  Notes:
- \* HSDA: VAN Vancouver; RMD Richmond; CU Coastal Urban; CR Coastal Rural
- <sup>†</sup>This category captures cases with positive HBV markers with insufficient evidence to be classified; these are most likely carriers.
- <sup>‡</sup>HIV data for Coastal Urban and Coastal Rural are not available prior to April 2011.
- §Salmonellosis case counts do not include Paratyphoid fever (Salmonella paratyphi) or Typhoid fever (Salmonella typhi).

Note: Case counts may change over time due to lag in reporting or change in episode date.

Chlamydia, gonorrhea, and syphilis counts are currently unavailable from BC CDC.

#### Current month count with 5-yr historic month average & range

