

## Vancouver Coastal Health Authority Notification of Infectious Disease Monthly Summary Report June 2020



Promoting wellness. Ensuring care.	June 2020																	
	Cases by Month Case						y HSDA*		Year T	o Date	Average monthly case count with 5-year							
Disease	Jun	May	Apr	Mar	VAN	RMD	CU	CR	2020	2019	historic average, minimum and maximur	n						
Vaccine Preventable Diseases																		
Diphtheria: Acute	0	0	0	0	0	0	0	0	0	0	0 0.2 0.4 0.6 0.8	1						
Haemophilus influenzae Type B, invasive	0	0	0	0	0	0	0	0	0	0	0 0.2 0.4 0.6 0.8	1						
Hepatitis B: Acute	1	0	0	0	1	0	0	0	1	3	0 0.2 0.4 0.6 0.8 1	1.2						
Hepatitis B: Chronic carrier	36	18	10	3	18	17	1	0	144	241	0 10 20 30 40 50	60						
Hepatitis B: Undetermined status <sup>†</sup>	0	0	0	20	0	0	0	0	22	13	0 0.5 1 1.5 2	2.5						
Influenza	0	0	2	620	0	0	0	0	1443	1579	0 5 10 15	20						
Measles	0	0	0	0	0	0	0	0	0	11	0 0.2 0.4 0.6 0.8 1	1.2						
Mumps	0	0	0	2	0	0	0	0	7	10	0 5 10 15 20 25	30						
Pertussis	0	0	7	11	0	0	0	0	51	24	0 5 10 15 20 25	30						
Rubella	0	0	0	0	0	0	0	0	0	0	0 0.2 0.4 0.6 0.8	1						
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	1						
Chlamydia	-	-	-	-	-	-	-	-	-	-	0 0.2 0.4 0.6 0.8	1						
Gonorrhea	-	-	-	-	-	-	-	-	-	-	0 0.2 0.4 0.6 0.8	1						
Hepatitis C: Acute	2	0	1	0	1	0	1	0	11	23	0 1 2 3 4 5 6	7						



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Disease	Jun	Cases by May	Month Apr	Mar	Cases by HSDA* VAN RMD CU CR				Year T 2020	o Date 2019	Average monthly case count with 5-year historic average, minimum and maximum							
Hepatitis C: Chronic	21	14	11	21	18	2	1	0	131	152	0 10 20 30 40 50							
Hepatitis D	0	2	0	0	0	0	0	0	2	0	0 0.2 0.4 0.6 0.8 1 1.2							
HIV	7	5	2	11	0	0	0	0	41	37	0 5 10 15 20							
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	2	0 0.2 0.4 0.6 0.8 1							
Meningococcal, invasive	0	0	0	0	0	0	0	0	2	7	0 0.2 0.4 0.6 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 1.2							
Streptococcal, Gp A invasive	9	17	9	12	8	0	1	0	75	56	0 5 10 15							
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	4	8	5	8	3	1	0	0	59	65	0 1 2 3 4 5 6 7							
Tuberculosis	6	7	5	2	4	2	0	0	32	45	0 2 4 6 8 10							
Enteric, Food & Waterborne																		
Amebiasis	0	0	2	4	0	0	0	0	15	41	0 5 10 15 20 25 30							



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Disease	Jun	Cases b	y Month Apr	Mar	VAN	Cases by RMD	HSDA*	CR	Year T 2020	o Date 2019	Average monthly case count with 5-year historic average, minimum and maximum							
Campylobacteriosis	24	29	5	22	16	1	2	5	150	235	0 20 40 60 80							
Cryptococcus	0	0	1	0	0	0	0	0	1	0	0 0.2 0.4 0.6 0.8 1 1.2							
Cryptosporidiosis	0	0	1	4	0	0	0	0	15	40	0 2 4 6 8							
Cyclosporiasis	0	0	0	0	0	0	0	0	0	3	0 2 4 6 8 10 12							
E.coli - verotoxigenic	3	0	0	1	1	2	0	0	10	12	0 1 2 3 4 5 6							
Giardiasis	8	5	5	12	6	0	1	1	62	112	0 5 10 15 20							
Hepatitis A	0	1	1	1	0	0	0	0	7	5	0 0.2 0.4 0.6 0.8 1							
Hepatitis E	0	0	0	0	0	0	0	0	0	1	0 0.2 0.4 0.6 0.8 1							
Listeriosis	0	1	0	0	0	0	0	0	1	1	0 0.5 1 1.5 2 2.5							
Paratyphoid fever	0	0	0	0	0	0	0	0	2	3	0 0.2 0.4 0.6 0.8 1							
Salmonellosis <sup>§</sup>	11	9	5	8	4	1	3	3	64	108	0 5 10 15 20 25 30							
Shigellosis	2	1	1	4	2	0	0	0	14	40	0 2 4 6 8 10							
Typhoid fever	0	0	0	1	0	0	0	0	2	2	0 0.2 0.4 0.6 0.8 1 1.2							
Vibrio parahaemolyticus	0	0	0	0	0	0	0	0	0	3	0 2 4 6 8 10							
Yersiniosis	12	12	8	15	4	2	4	2	74	128	0 5 10 15 20 25 30 35							
Vectorborne & Zoonotic																		



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		Cases by	Month		Cases by HSDA*				Year To Date		Average monthly case count with 5-year						
Disease	Jun	May	Apr	Mar	VAN	RMD	CU	CR	2020	2019	hist	oric ave	erage, mi	nimum an	d maxim	ium	
Lyme Disease	1	1	0	0	0	1	0	0	2	1	0	0.5	1	1.5	2	2.5	
Dengue Fever	0	0	0	0	0	0	0	0	0	0	0	0.5	1	1.5	2	2.5	
Malaria	0	1	0	0	0	0	0	0	2	1	0	0.5	1	1.5	2	2.5	
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	1	2	3 4	5	6	

### 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 August 10, 2020.

  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

