

**Number of reported communicable diseases\* and incidence rates<sup>†</sup>.**

**Vancouver Coastal Health Authority, 2015 compared to 2010-2014 historical average**

Disease		2015		2010-2014 average	
		Number of cases	Rate per 100,000 population	Number of cases	Rate per 100,000 population
Vaccine Preventable Diseases	Diphtheria: Acute	0	0.0	0	0.0
	<i>Haemophilus influenzae</i> Type B, invasive	0	0.0	2	0.2
	<i>Haemophilus influenzae</i> non-Type B, invasive	0	0.0	2	0.2
	<i>Haemophilus influenzae</i> non-Typable, invasive	10	0.9	9	0.8
	Hepatitis B: Acute	3	0.3	7	0.6
	Hepatitis B: Chronic carrier	609	52.7	663	59.1
	Hepatitis B: Undetermined status <sup>‡</sup>	1	<0.1	27	2.4
	Influenza	806	69.7	377	33.6
	Measles	8	0.7	9	0.8
	Mumps	8	0.7	31	2.8
	Pertussis	60	5.2	81	7.2
	Rubella	0	0.0	2	0.2
	Rubella congenital syndrome	0	0.0	0	0.0
Sexually Transmitted & Bloodborne	Chlamydia	4,875	421.6	3,810	339.2
	Cytomegalovirus infection, congenital	0	0.0	<1	<0.1
	Gonorrhea	1,323	114.4	806	71.8
	Hepatitis C: Acute	39	3.4	34	3.0
	Hepatitis C: Chronic	454	39.3	433	38.6
	Hepatitis D	0	0.0	3	0.3
	HIV	136	11.8	155	13.8
	Syphilis, infectious	515	44.5	274	24.4
	Syphilis, other	241	20.8	72	6.4
Direct Contact & Respiratory	Creutzfeldt-Jacob disease	0	0.0	<1	<0.1
	Legionellosis	2	0.2	<1	<0.1
	Leprosy	0	0.0	<1	<0.1
	Meningococcal, invasive	4	0.3	6	0.5
	Meningococcal, conjunctivitis	0	0.0	0	0.0
	Meningococcal, other, non-invasive	1	<0.1	<1	<0.1
	Streptococcal, Gp A invasive	64	5.5	46	4.1
	Streptococcal, Gp B neonatal	1	<0.1	2	0.2
	Pneumococcal, invasive	96	8.3	79	7.0
Tuberculosis	101	8.7	94	8.3	

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		2015		2010-2014 average	
Disease		Number of cases	Rate per 100,000 population	Number of cases	Rate per 100,000 population
Enteric, Food & Waterborne	Amebiasis	208	18.0	189	16.8
	Botulism	1	<0.1	0	0.0
	Campylobacteriosis	482	41.7	574	51.1
	Cholera	0	0.0	<1	<0.1
	Cryptococcus	5	0.4	7	0.7
	Cryptosporidiosis	26	2.2	21	1.9
	Cyclosporiasis	15	1.3	12	1.0
	<i>E.coli</i> - verotoxigenic	27	2.3	30	2.7
	Giardiasis	196	17.0	208	18.5
	Haemolytic Uremic Syndrome (HUS)	0	0.0	<1	<0.1
	Hepatitis A	8	0.7	8	0.7
	Hepatitis E	3	0.3	2	0.2
	Listeriosis	4	0.3	5	0.5
	Paratyphoid Fever	1	<0.1	4	0.3
	Salmonellosis <sup>5</sup>	297	25.7	277	24.7
	Shigellosis	71	6.1	75	6.7
	Typhoid Fever	2	0.2	4	0.4
	<i>Vibrio parahaemolyticus</i>	38	3.3	22	2.0
	Yersiniosis	264	22.8	219	19.5
Vectorborne & Zoonotic	Brucellosis	0	0.0	<1	<0.1
	Dengue Fever	10	0.9	2	0.2
	Hantavirus	0	0.0	<1	<0.1
	Leptospirosis	0	0.0	<1	<0.1
	Lyme Disease	10	0.9	4	0.4
	Malaria	10	0.9	13	1.1
	Rabies	0	0.0	0	0.0
	Rickettsial disease	0	0.0	<1	<0.1
	West Nile virus	0	0.0	<1	<0.1
	Yellow Fever	0	0.0	0	0.0
	Zika virus	2	0.2	0	0.0

Prepared by: Vancouver Coastal Health, Public Health Surveillance Unit, April 2016.

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 March 28, 2016.
2. Other disease data are provided by Vancouver Coastal Health, Public Health Surveillance Unit from the Primary Access Regional Information System (PARIS) and the integrated Public Health Information System (iPHIS) for Coastal Urban prior to January 11, 2011 and Coastal Rural prior to March 9, 2011. Data extracted on April 11, 2016.

Population source: BC STATS, BC Ministry of Labour and Citizens' Services, Population Estimates as of January 2016.

Notes:

\*Communicable diseases without reported activity from 2010 to 2015 not included in this table are: anthrax, chancroid, diffuse lamellar keratitis, hemorrhagic fevers, paralytic shellfish poisoning (PSP), plague, poliomyelitis, Q fever, reye syndrome, severe acute respiratory syndrome (SARS), smallpox, tetanus and tularemia.

†Rate per 100,000 population.

‡This category captures cases with positive HBV markers with insufficient evidence to be classified; these are most likely carriers.

<sup>5</sup>Salmonellosis case counts do not include Paratyphoid Fever (*Salmonella paratyphi*) and Typhoid Fever (*Salmonella typhi*).

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

**Number of reported communicable diseases\* and incidence rates<sup>†</sup> by HSDA.  
Vancouver Coastal Health Authority, 2015.**

Disease	Number of cases				Rate per 100,000 population				
	Coastal Rural	Coastal Urban	Richmond	Vancouver	Coastal Rural	Coastal Urban	Richmond	Vancouver	
<b>Vaccine Preventable Diseases</b>	Diphtheria: Acute	0	0	0	0	0.0	0.0	0.0	0.0
	<i>Haemophilus influenzae</i> Type B, invasive	0	0	0	0	0.0	0.0	0.0	0.0
	<i>Haemophilus influenzae</i> non-Type B, invasive	0	0	0	0	0.0	0.0	0.0	0.0
	<i>Haemophilus influenzae</i> non-Typable, invasive	2	2	2	4	2.3	1.0	1.0	0.6
	Hepatitis B: Acute	0	1	0	2	0.0	0.5	0.0	0.3
	Hepatitis B: Chronic carrier	7	54	184	364	7.9	28.0	88.6	54.6
	Hepatitis B: Undetermined status <sup>‡</sup>	0	0	1	0	0.0	0.0	0.5	0.0
	Influenza	76	67	149	514	85.9	34.7	71.7	77.1
	Measles	0	0	1	7	0.0	0.0	0.5	1.0
	Mumps	1	1	0	6	1.1	0.5	0.0	0.9
	Pertussis	11	19	9	21	12.4	9.8	4.3	3.1
	Rubella	0	0	0	0	0.0	0.0	0.0	0.0
Rubella congenital syndrome	0	0	0	0	0.0	0.0	0.0	0.0	
<b>Sexually Transmitted &amp; Bloodborne</b>	Chlamydia	369	431	533	3471	417.1	223.2	256.5	520.4
	Cytomegalovirus infection, congenital	0	0	0	0	0.0	0.0	0.0	0.0
	Gonorrhoea	56	78	44	1136	63.3	40.4	21.2	170.3
	Hepatitis C: Acute	5	2	0	32	5.7	1.0	0.0	4.8
	Hepatitis C: Chronic	53	37	25	339	59.9	19.2	12.0	50.8
	Hepatitis D	0	0	0	0	0.0	0.0	0.0	0.0
	HIV	2	6	9	119	2.3	3.1	4.3	17.8
	Syphilis, infectious	5	14	12	483	5.7	7.3	5.8	72.4
	Syphilis, other	5	11	21	204	5.7	5.7	10.1	30.6
<b>Direct Contact &amp; Respiratory</b>	Creutzfeldt-Jacob disease	0	0	0	0	0.0	0.0	0.0	0.0
	Legionellosis	0	0	1	1	0.0	0.0	0.5	0.1
	Leprosy	0	0	0	0	0.0	0.0	0.0	0.0
	Meningococcal, invasive	0	2	1	1	0.0	1.0	0.5	0.1
	Meningococcal, conjunctivitis	0	0	0	0	0.0	0.0	0.0	0.0
	Meningococcal, other, non-invasive	0	0	0	1	0.0	0.0	0.0	0.1
	Streptococcal, Gp A invasive	3	5	7	49	3.4	2.6	3.4	7.3
	Streptococcal, Gp B neonatal	0	0	0	1	0.0	0.0	0.0	0.1
	Pneumococcal, invasive	7	10	9	70	7.9	5.2	4.3	10.5
	Tuberculosis	0	4	20	77	0.0	2.1	9.6	11.5

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Disease		Number of cases				Rate per 100,000 population			
		Coastal Rural	Coastal Urban	Richmond	Vancouver	Coastal Rural	Coastal Urban	Richmond	Vancouver
Enteric, Food & Waterborne	Amebiasis	11	20	7	170	12.4	10.4	3.4	25.5
	Botulism	0	0	0	1	0.0	0.0	0.0	0.1
	Campylobacteriosis	36	118	78	250	40.7	61.1	37.5	37.5
	Cholera	0	0	0	0	0.0	0.0	0.0	0.0
	Cryptococcus	4	0	0	1	4.5	0.0	0.0	0.1
	Cryptosporidiosis	5	3	0	18	5.7	1.6	0.0	2.7
	Cyclosporiasis	0	4	1	10	0.0	2.1	0.5	1.5
	<i>E.coli</i> - verotoxigenic	1	3	4	19	1.1	1.6	1.9	2.8
	Giardiasis	21	30	10	135	23.7	15.5	4.8	20.2
	Haemolytic Uremic Syndrome (HUS)	0	0	0	0	0.0	0.0	0.0	0.0
	Hepatitis A	1	1	1	5	1.1	0.5	0.5	0.7
	Hepatitis E	0	0	1	2	0.0	0.0	0.5	0.3
	Listeriosis	0	0	1	3	0.0	0.0	0.5	0.4
	Paratyphoid Fever	0	0	0	1	0.0	0.0	0.0	0.1
	Salmonellosis <sup>§</sup>	24	56	62	155	27.1	29.0	29.8	23.2
	Shigellosis	2	7	1	61	2.3	3.6	0.5	9.1
	Typhoid Fever	0	0	0	2	0.0	0.0	0.0	0.3
	<i>Vibrio parahaemolyticus</i>	7	8	1	22	7.9	4.1	0.5	3.3
Yersiniosis	13	64	34	153	14.7	33.1	16.4	22.9	
Vectorborne & Zoonotic	Brucellosis	0	0	0	0	0.0	0.0	0.0	0.0
	Dengue Fever	0	3	2	5	0.0	1.6	1.0	0.7
	Hantavirus	0	0	0	0	0.0	0.0	0.0	0.0
	Leptospirosis	0	0	0	0	0.0	0.0	0.0	0.0
	Lyme Disease	0	1	1	8	0.0	0.5	0.5	1.2
	Malaria	1	0	1	8	1.1	0.0	0.5	1.2
	Rabies	0	0	0	0	0.0	0.0	0.0	0.0
	Rickettsial disease	0	0	0	0	0.0	0.0	0.0	0.0
	West Nile virus	0	0	0	0	0.0	0.0	0.0	0.0
	Yellow Fever	0	0	0	0	0.0	0.0	0.0	0.0
	Zika virus	0	0	0	2	0.0	0.0	0.0	0.3

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