

Number of reported communicable diseases* and incidence rates †.

Vancouver Coastal Health Authority, 2014 compared to 2009-2013 historical average

Disease		2014		2009-2013 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	1	<0.1	2	0.2
	<i>Haemophilus influenzae</i> non-Type B, invasive	2	0.2	2	0.1
	<i>Haemophilus influenzae</i> non-Typable, invasive	5	0.4	9	0.8
	Hepatitis B: Acute	7	0.6	8	0.7
	Hepatitis B: Chronic carrier	615	53.7	678	61.0
	Hepatitis B: Undetermined status ‡	1	<0.1	41	3.7
	Influenza	764	66.6	568	51.1
	Measles	14	1.2	7	0.6
	Mumps	17	1.5	29	2.6
	Pertussis	56	4.9	74	6.7
	Rubella	0	0.0	2	0.2
	Rubella congenital syndrome	0	0.0	0	0.0
Sexually Transmitted & Bloodborne	Chlamydia	4,519	394.2	3,531	318.0
	Cytomegalovirus infection, congenital	0	0.0	<1	<0.1
	Gonorrhoea	922	80.4	724	65.2
	Hepatitis C: Acute	22	1.9	35	3.1
	Hepatitis C: Chronic	397	34.6	467	42.1
	Hepatitis D	1	<0.1	3	0.3
	HIV	148	12.9	158	14.2
	Syphilis, infectious	405	35.3	220	19.8
	Syphilis, other	199	17.4	44	4.0
Direct Contact & Respiratory	Creutzfeldt-Jacob disease	2	0.2	<1	<0.1
	Legionellosis	1	<0.1	<1	<0.1
	Leprosy	0	0.0	<1	<0.1
	Meningococcal, invasive	3	0.3	5	0.5
	Meningococcal, conjunctivitis	4	0.3	<1	<0.1
	Meningococcal, other, non-invasive	0	0.0	<1	<0.1
	Streptococcal, Gp A invasive	52	4.5	44	3.9
	Streptococcal, Gp B neonatal	3	0.3	2	0.2
	Pneumococcal, invasive	92	8.0	79	7.1
Tuberculosis §	108	9.4	NA	NA	

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Disease		2014		2009-2013 average	
		Number of cases	Rate per 100,000 population	Number of cases	Rate per 100,000 population
Enteric, Food & Waterborne	Amebiasis	219	19.1	175	15.7
	Campylobacteriosis	544	47.5	571	51.4
	Cholera	0	0.0	<1	<0.1
	Cryptococcus	2	0.2	10	0.9
	Cryptosporidiosis	21	1.8	23	2.1
	Cyclosporiasis	19	1.7	12	1.1
	<i>E.coli</i> - verotoxigenic	27	2.4	33	3.0
	Giardiasis	215	18.8	205	18.5
	Haemolytic Uremic Syndrome (HUS)	0	0.0	<1	<0.1
	Hepatitis A	7	0.6	7	0.6
	Hepatitis E	1	<0.1	2	0.1
	Listeriosis	4	0.3	5	0.4
	Paratyphoid Fever	2	0.2	5	0.4
	Salmonellosis	281	24.5	271	24.4
	Shigellosis	76	6.6	77	6.9
	Typhoid Fever	2	0.2	6	0.5
	<i>Vibrio parahaemolyticus</i>	27	2.4	19	1.7
Yersiniosis	285	24.9	210	18.9	
Vectorborne & Zoonotic	Brucellosis	1	<0.1	0	0.0
	Dengue Fever	6	0.5	<1	<0.1
	Hantavirus	1	<0.1	0	0.0
	Leptospirosis	0	0.0	<1	<0.1
	Lyme Disease	1	<0.1	5	0.5
	Malaria	8	0.7	13	1.2
	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

Prepared by: Vancouver Coastal Health, Public Health Surveillance Unit, April 2015.

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 17, 2015.
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 March 30, 2015.

Population source: BC STATS, BC Ministry of Labour and Citizens' Services, Population Estimates as of January 2015.

Notes:

*Communicable diseases without reported activity from 2009 to 2014 not included in this table are: anthrax, botulism, 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.

§Tuberculosis data are not available prior to August 2009.

||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[†].

Vancouver Coastal Health Authority, 2014 compared to 2013 and 2009-2013 minimum & maximum

Disease	2014		2013	2009-2013	
	Number of cases	Rate per 100,000 population	Total cases	Minimum	Maximum
Vaccine Preventable Diseases	Diphtheria: Acute	0	0.0	0	0
	<i>Haemophilus influenzae</i> Type B, invasive	1	<0.1	2	1
	<i>Haemophilus influenzae</i> non-Type B, invasive	2	0.2	4	0
	<i>Haemophilus influenzae</i> non-Typable, invasive	5	0.4	8	5
	Hepatitis B: Acute	7	0.6	6	4
	Hepatitis B: Chronic carrier	615	53.7	674	648
	Hepatitis B: Undetermined status [‡]	1	<0.1	17	17
	Influenza	764	66.6	538	29
	Measles	14	1.2	8	0
	Mumps	17	1.5	8	4
	Pertussis	56	4.9	48	12
	Rubella	0	0.0	0	0
	Rubella congenital syndrome	0	0.0	0	0
Sexually Transmitted & Bloodborne	Chlamydia	4,519	394.2	3,861	3,125
	Cytomegalovirus infection, congenital	0	0.0	1	0
	Gonorrhea	922	80.4	881	517
	Hepatitis C: Acute	22	1.9	40	28
	Hepatitis C: Chronic	397	34.6	471	401
	Hepatitis D	1	<0.1	3	1
	HIV	148	12.9	141	141
	Syphilis, infectious	405	35.3	431	118
Syphilis, other	199	17.4	68	28	
Direct Contact & Respiratory	Creutzfeldt-Jacob disease	2	0.2	0	0
	Legionellosis	1	<0.1	1	0
	Leprosy	0	0.0	0	0
	Meningococcal, invasive	3	0.3	5	4
	Meningococcal, conjunctivitis	4	0.3	0	0
	Meningococcal, other, non-invasive	0	0.0	0	0
	Streptococcal, Gp A invasive	52	4.5	45	27
	Streptococcal, Gp B neonatal	3	0.3	2	1
	Pneumococcal, invasive	92	8.0	101	51
	Tuberculosis [§]	108	9.4	97	NA

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Disease		2014		2013	2009-2013	
		Number of cases	Rate per 100,000 population	Total cases	Minimum	Maximum
Enteric, Food & Waterborne	Amebiasis	219	19.1	206	148	206
	Campylobacteriosis	544	47.5	584	507	623
	Cholera	0	0.0	0	0	1
	Cryptococcus	2	0.2	4	4	13
	Cryptosporidiosis	21	1.8	29	17	31
	Cyclosporiasis	19	1.7	12	8	21
	<i>E.coli</i> - verotoxigenic	27	2.4	38	24	41
	Giardiasis	215	18.8	223	188	223
	Haemolytic Uremic Syndrome (HUS)	0	0.0	0	0	1
	Hepatitis A	7	0.6	6	4	11
	Hepatitis E	1	<0.1	1	0	6
	Listeriosis	4	0.3	5	2	6
	Paratyphoid Fever	2	0.2	5	2	6
	Salmonellosis	281	24.5	251	233	313
	Shigellosis	76	6.6	68	63	87
	Typhoid Fever	2	0.2	3	2	9
	<i>Vibrio parahaemolyticus</i>	27	2.4	26	13	26
Yersiniosis	285	24.9	235	183	237	
Vectorborne & Zoonotic	Brucellosis	1	<0.1	0	0	0
	Dengue Fever	6	0.5	3	0	3
	Hantavirus	1	<0.1	0	0	0
	Leptospirosis	0	0.0	1	0	2
	Lyme Disease	1	<0.1	3	1	10
	Malaria	8	0.7	15	9	18
	Rabies	0	0.0	0	0	0
	Rickettsial disease	0	0.0	0	0	1
	West Nile virus	0	0.0	0	0	1
	Yellow Fever	0	0.0	0	0	0

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[†]Rate per 100,000 population.

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

[§]Tuberculosis data are not available prior to August 2009.

^{||}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.

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Disease		2014		2013	2009-2013	
		Number of cases	Rate per 100,000 population	Total cases	Minimum	Maximum
Vaccine Preventable Diseases	Diphtheria: Acute	0	0.0	0	0	0
	<i>Haemophilus influenzae</i> Type B, invasive	1	<0.1	2	1	4
	<i>Haemophilus influenzae</i> non-Type B, invasive	2	0.2	4	0	4
	<i>Haemophilus influenzae</i> non-Typable, invasive	5	0.4	8	5	13
	Hepatitis B: Acute	7	0.6	6	4	12
	Hepatitis B: Chronic carrier	615	53.7	674	648	725
	Hepatitis B: Undetermined status [‡]	1	<0.1	17	17	67
	Influenza	764	66.6	538	29	1,716
	Measles	14	1.2	8	0	23
	Mumps	17	1.5	8	4	121
	Pertussis	56	4.9	48	12	264
	Rubella	0	0.0	0	0	8
	Rubella congenital syndrome	0	0.0	0	0	0
Sexually Transmitted & Bloodborne	Chlamydia	4,519	394.2	3,861	3,125	3,861
	Cytomegalovirus infection, congenital	0	0.0	1	0	1
	Gonorrhea	922	80.4	881	517	881
	Hepatitis C: Acute	22	1.9	40	28	40
	Hepatitis C: Chronic	397	34.6	471	401	575
	Hepatitis D	1	<0.1	3	1	7
	HIV	148	12.9	141	141	178
	Syphilis, infectious	405	35.3	431	118	431
Syphilis, other	199	17.4	68	28	68	
Direct Contact & Respiratory	Creutzfeldt-Jacob disease	2	0.2	0	0	2
	Legionellosis	1	<0.1	1	0	1
	Leprosy	0	0.0	0	0	1
	Meningococcal, invasive	3	0.3	5	4	6
	Meningococcal, conjunctivitis	4	0.3	0	0	1
	Meningococcal, other, non-invasive	0	0.0	0	0	2
	Streptococcal, Gp A invasive	52	4.5	45	27	57
	Streptococcal, Gp B neonatal	3	0.3	2	1	4
	Pneumococcal, invasive	92	8.0	101	51	101
	Tuberculosis [§]	108	9.4	97	NA	NA

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	Haemolytic Uremic Syndrome (HUS)	0	0.0	0	0	1
	Hepatitis A	7	0.6	6	4	11
	Hepatitis E	1	<0.1	1	0	6
	Listeriosis	4	0.3	5	2	6
	Paratyphoid Fever	2	0.2	5	2	6
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Vectorborne & Zoonotic	Brucellosis	1	<0.1	0	0	0
	Dengue Fever	6	0.5	3	0	3
	Hantavirus	1	<0.1	0	0	0
	Leptospirosis	0	0.0	1	0	2
	Lyme Disease	1	<0.1	3	1	10
	Malaria	8	0.7	15	9	18
	Rabies	0	0.0	0	0	0
	Rickettsial disease	0	0.0	0	0	1
	West Nile virus	0	0.0	0	0	1
	Yellow Fever	0	0.0	0	0	0

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