



Diseases of Public Health Significance: January - June 2019

This report has been developed based on recent data collected through the integrated Public Health Information System (iPHIS) with summarized counts of confirmed cases of Diseases of Public Health Significance. Diseases where RCDHU has not investigated a confirmed case or where RCDHU rates were significantly below the provincial average were omitted from this report.

Diseases of Public Health Significance	2019 CASES						RATE per 100,000 population	
	January	February	March	April	May	June	RCD RATE	Ontario RATE
Sexually Transmitted & Bloodborne Pathogens								
Chlamydial infections (confirmed)	22	17	26	22	25	25	126.36	1708.4
Gonorrhoea (all types) (confirmed)	3	0	0	0	1	2	5.5	354.9
Hepatitis C (confirmed)	2	2	1	2	1	1	8.3	165.7
Syphilis, Infectious	0	1	0	1	0	0	1.84	71.5
Enteric Food and Waterborne Diseases								
Campylobacter Enteritis (confirmed)	2	0	1	2	1	3	8.3	92.2
Cryptosporidiosis (confirmed)	0	0	1	0	0	0	0.92	21.7
Giardiasis (confirmed)	0	2	1	0	1	0	3.69	38.6
Salmonellosis (confirmed)	2	1	2	1	0	0	5.5	83
Shigellosis (confirmed)	0	1	0	0	0	0	0.92	10.7
Vaccine Preventable Diseases								
Hepatitis A (confirmed)	0	0	0	0	0	0	0	7.5
Influenza (confirmed)	19	17	8	0	0	1	41.5	703.6
Measles	0	0	0	0	0	0	0	0.9
Pertussis (confirmed)	0	0	0	0	0	0	0	12.3
Invasive Streptococcus Pneumoniae (confirmed)	1	1	0	3	1	2	7.4	44.3
Vectorborne Diseases								
Lyme Disease (confirmed)	0	0	0	0	0	0	0	12.3
Direct Contact & Respiratory Routes								
Encephalitis/ Meningitis (confirmed)	0	0	0	0	0	0	0	4.2
Group A Strep Disease, Invasive (confirmed)	0	1	0	2	2	1	6	38
Tuberculosis	0	0	0	0	0	0	0	25.7



Diseases of Public Health Significance: - 5 Year Trend

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Diseases of Public Health Significance	CASES					RATE per 100,000 population	
	2014	2015	2016	2017	2018	RCD RATE	Ontario RATE
Sexually Transmitted & Bloodborne Pathogens							
Chlamydial infections (confirmed)	263	315	327	351	340	298.8	1446.7
Gonorrhoea (all types) (confirmed)	9	11	26	15	18	60.6	236.1
Hepatitis C (confirmed)	19	22	36	28	41	106.1	168
Syphilis	1	4	6	1	1	2.4	9.9
Enteric Food and Waterborne Diseases							
Campylobacter Enteritis (confirmed)	24	15	23	16	20	2.4	97.3
Cryptosporidiosis (confirmed)	6	9	8	4	7	26.7	10.1
Giardiasis (confirmed)	6	11	13	36	11	63.9	43.6
Salmonellosis (confirmed)	13	16	26	18	22	72.6	100.7
Shigellosis (confirmed)	0	0	2	1	1	3	9.6
Vaccine Preventable Diseases							
Hepatitis A (confirmed)	1	1	0	0	2	2.3	3.2
Influenza (confirmed)	53	72	44	53	86	224.4	789.5
Measles	0	0	0	0	0	0	0.9
Pertussis (confirmed)	2	2	6	14	2	22.83	15.9
Invasive Streptococcus Pneumoniae (confirmed)	10	5	11	9	14	35.4	47.8
Vectorborne Diseases							
Lyme Disease (confirmed)	0	0	2	7	3	9	12.5
Direct Contact & Respiratory Routes							
Encephalitis/ Meningitis (confirmed)	0	0	0	1	0	0.9	4.6
Group A Strep Disease, Invasive (confirmed)	7	3	3	4	4	16.7	33.5
Tuberculosis	0	0	0	1	1	0.4	22.2