Monthly Incidence of Selected Communicable Diseases

Selected Communicable Diseases Monthly Report April 2009 Avg. Avg. Count Rate Decrease Increase Count Rate Measles: Rubeola (Red) 0 0.7 0.00 0.02 Mumps 3 1.8 0.07 0.04 25 59.7 0.56 1.45 Pertussis 0 0.1 0.00 0.00 Rubella (German Measles) 14 8.3 0.31 0.20 E.coli, Verotoxigenic 137.1 Campylobacteriosis 121 2.69 3.28 Salmonellosis 82 55.3 1.82 1.32 Shigellosis 19 19.2 0.42 0.46 Typhoid Fever 5 3.8 0.11 0.09 Hepatitis A 2 10.7 0.04 0.26 Hepatitis B: Acute 6.0 0.02 1 0.15 186 312.2 4.13 7.49 Hepatitis C Lyme Disease 1 0.2 0.02 0.00 Streptococcus Group A: Invasive 16.9 0.39 19 0.42 Meningococcal Disease: Invasive 1 2.4 0.02 0.06 23 38.6 0.51 0.90 Pneumococcal Disease: Invasive 1 2.7 0.02 0.07 Malaria 662.8 15.69 Genital Chlamydia 883 19.6 Gonorrhea 99 72.9 2.20 1.72 Infectious Syphilis 16 19.7 0.36 0.46 33 33.0 HIV 0.73 0.79 П -2 0 2 3 -3 -2.5 -1.5 -0.5 0.5 1 1.5 2.5 -1 Log_e (rate / average rate)

Measure:	The ratio (in natural log scale) of the monthly incidence rate to the average of the 30
	months (from previous, same, and subsequent months for the past 10 years ¹) for
	selected communicable diseases ² across British Columbia based on reportable disease
	notifications to BCCDC from Health Authorities.
Limitations:	These reports are based on passively notified case reports made to local public health
	authorities. There may be incomplete reporting or delayed reporting. The ratio cannot
	be established for diseases with no cases in either the current month or the historical
	comparable months. The log ratio does not offer direct interpretation for the magnitude
	of increase or decrease in incidence rate.
Source:	iPHIS (integrated Public Health Information System, Communicable Disease
	module) and weekly PARIS data uploads for Vancouver and Richmond
	 Enhanced Invasive Meningococcal Disease database
	 Enhanced Invasive Group A Streptococcus database
	 STI Division for genital Chlamydia, gonorrhea, infectious syphilis and HIV
	 TB Division for tuberculosis

¹ For Streptococcus Group A; Invasive and Pneumococcal Disease: Invasive, only data since 2002 were used to calculate the historical rate.

² Tuberculosis is shown in this report only for the months of March, June, September, and December.