

CANADIAN NOTIFIABLE DISEASE SURVEILLANCE SYSTEM NATIONAL REPORT: 2005-2008

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Table of Contents

Introduction.....	10
Data Sources.....	13
Technical Notes.....	16
General.....	16
Province/Territory and Disease-Specific Considerations.....	18
Population.....	22
Table 1: All Diseases, Number and rate per 100,000 of reported cases, National and by Province/Territories, Canada, 2005.....	23
Table 2: All Diseases, Number and rate per 100,000 of reported cases, National and by Province/Territories, Canada, 2006.....	33
Table 3: All Diseases, Number and rate per 100,000 of reported cases, National and by Province/Territories, Canada, 2007.....	43
Table 4: All Diseases, Number and rate per 100,000 of reported cases, National and by Province/Territories, Canada, 2008.....	53
ENTERIC, FOOD AND WATERBORNE DISEASES, 2005-2008.....	63
Table 5: Number and rate (per 100,000 population) of reported cases by age group and sex, 2005.....	64
Table 6: Number and rate (per 100,000 population) of reported cases by age group and sex, 2006.....	66
Table 7: Number and rate (per 100,000 population) of reported cases by age group and sex, 2007.....	68
Table 8: Number and rate (per 100,000 population) of reported cases by age group and sex, 2008.....	70
Figure 1: Rate of reported cases of Campylobacteriosis in Canada by year, 1999-2008.....	72
Figure 2: Rate of reported cases of Cryptosporidiosis in Canada by year, 2000-2008.....	73
Figure 3: Rate of reported cases of Cyclosporiasis in Canada by year, 2000-2008.....	74
Figure 4: Rate of reported cases of Giardiasis in Canada by year, 1999-2008.....	75
Figure 5: Rate of reported cases of Hepatitis A in Canada by year, 1999-2008.....	76

Figure 6: Rate of reported cases of Salmonellosis in Canada by year, 1999-2008....	77
Figure 7: Rate of reported cases of Shigellosis in Canada by year, 1999-2008.....	78
Figure 8: Rate of reported cases of Typhoid in Canada by year, 1999-2008.....	79
Figure 9: Rate of reported cases of Verotoxigenic <i>E. coli</i> Infection in Canada by year, 1999-2008.....	80
DISEASES TRANSMITTED BY RESPIRATORY ROUTES, 2005-2008.....	81
Table 9: Number and rate (per 100,000 population) of reported cases by age group and sex, 2005.....	82
Table 10: Number and rate (per 100,000 population) of reported cases by age group and sex, 2006.....	84
Table 11: Number and rate (per 100,000 population) of reported cases by age group and sex, 2007.....	86
Table 12: Number and rate (per 100,000 population) of reported cases by age group and sex, 2008.....	88
Figure 10: Rate of reported cases of Hantavirus Pulmonary Syndrome in Canada by year, 2000-2008.....	90
Figure 11: Rate of reported cases of Invasive Group A Streptococcal Disease in Canada by year, 2002-2008.....	91
Figure 12: Rate of reported cases of Invasive Meningococcal Disease in Canada by year, 1999-2008.....	92
Figure 13: Rate of reported cases of Invasive Pneumococcal Disease in Canada by year, 2000-2008.....	93
Figure 14: Rate of reported cases of Legionellosis in Canada by year, 1999-2008.....	94
Figure 15: Rate of reported cases of Leprosy, 1999-2008.....	95
Figure 16: Rate of reported cases of Tuberculosis, 1999-2008.....	96
DISEASES PREVENTABLE BY ROUTINE VACCINATION, 2005-2008.....	97
Table 13: Number and rate (per 100,000 population) of reported cases by age group and sex, 2005.....	98
Table 14: Number and rate (per 100,000 population) of reported cases by age group and sex, 2006.....	100
Table 15: Number and rate (per 100,000 population) of reported cases by age group and sex, 2007.....	102
Table 16: Number and rate (per 100,000 population) of reported cases by age group and sex, 2008.....	104

Figure 17: Rate of reported cases of Acute Flaccid Paralysis in Canada by year, 2000-2008.....	106
Figure 18: Rate of reported cases of Chickenpox in Canada by year, 1999-2008....	107
Figure 19: Rate of reported cases of Diphtheria in Canada by year, 1999-2008.....	108
Figure 20: Rate of reported cases of Hepatitis B in Canada by year, 1999-2008....	109
Figure 21: Rate of reported cases of Invasive <i>Haemophilus influenzae</i> Type B disease in Canada by year, 1999-2008.....	110
Figure 22: Rate of reported cases of Measles in Canada by year, 1999-2008.....	111
Figure 23: Rate of reported cases of Mumps in Canada by year, 1999-2008.....	112
Figure 24: Rate of reported cases of Pertussis in Canada by year, 1999-2008.....	113
Figure 25: Rate of reported cases of Rubella in Canada by year, 1999-2008.....	114
Figure 26: Rate of reported cases of Tetanus in Canada by year, 1999-2008.....	115
SEXUALLY TRANSMITTED AND BLOOD-BORNE PATHOGENS, 2005-2008.....	116
Table 17: Number and rate per 100,000 of reported cases by age and sex, Canada, 2005.....	117
Table 18: Number and rate per 100,000 of reported cases by age and sex, Canada, 2006.....	118
Table 19: Number and rate per 100,000 of reported cases by age and sex, Canada, 2007.....	119
Table 20: Number and rate per 100,000 of reported cases by age and sex, Canada, 2008.....	120
Table 21: Number and rate per 100,000 of Positive HIV test reports by age and sex, Canada, 2005-200.....	121
Table 22: Number and rate per 100,000 of AIDS cases by age and sex, Canada, 2005-2008.....	122
Figure 27: Rate of reported cases of Chlamydia in Canada by year, 1999-2008.....	123
Figure 28: Rate of reported cases of Gonorrhea in Canada by year, 1999-2008....	124
Figure 29: Rate of reported cases of Hepatitis C in Canada by year, 1999-2008....	125
Figure 30: Rate of reported cases of Syphilis in Canada by year, 1999-2008.....	126
VECTORBORNE AND OTHER ZOONOTIC DISEASES, 2005-2008.....	127
Table 23: Number and rate (per 100,000 population) of reported cases by age group and sex, 2005.....	128
Table 24: Number and rate (per 100,000 population) of reported cases by age group and sex, 2006.....	129

Table 25: Number and rate (per 100,000 population) of reported cases by age group and sex, 2007.....	130
Table 26: Number and rate (per 100,000 population) of reported cases by age group and sex, 2008.....	131
Figure 31: Rate of reported cases of Brucellosis in Canada by year, 1999-2008....	132
Figure 32: Rate of reported cases of Malaria in Canada by year, 1999-2008.....	133
Figure 33: Rate of reported cases of Tularemia in Canada by year, 2002-2008....	134
Figure 34: Rate of reported cases of West Nile Virus Infection in Canada by year, 2003-2008.....	135
References.....	136

Introduction

The Canadian Notifiable Disease Surveillance System (CNDSS) has been an important source of communicable disease surveillance data for Canada since 1924. The CNDSS is operated by PHAC's Surveillance and Epidemiology Division (SED) located in the Centre for Communicable Diseases and Infection Control (CCDIC).

In Canada, public health and communicable disease surveillance, which is undertaken within the public health system, is a shared responsibility. The primary responsibility for detecting, monitoring, controlling and reporting of communicable diseases begins mostly with surveillance activities by local public health authorities in the provinces or territories. This surveillance is governed by legislation such as a provincial or territorial Public Health Act. The legislation outlines the responsibilities of public health officials for monitoring and reporting of specific diseases within the province or territory. The lists of reportable diseases within the provinces and territories can differ from the list of nationally notifiable diseases, and are often longer as they can include diseases that may be endemic to that region but not a priority at the national level. The list of nationally notifiable diseases is revised periodically. In 2006, the most recent list of nationally notifiable diseases was published in the Canada Communicable Disease Report (CCDR)¹.

Before 1990, each jurisdiction in Canada used its own set of communicable disease case definitions. As such, comparability across jurisdictions was difficult. In March 1991, the federal government, in conjunction with provincial and territorial epidemiologists, published disease-specific case definitions for communicable diseases under national surveillance². These case definitions provided standardized criteria for the notification of cases under national surveillance. Provinces and territories are not required to use the national case definition within their jurisdictions and may choose to use a different case definition based on local needs and resources. A second edition of revised case definitions was published in 2000³. The third edition was published in 2009⁴. Criteria that were used to determine which diseases should be included on the list of notifiable diseases are included in the 2006 report containing the current list¹.

This report contains diseases that were considered notifiable during the period 2005 to 2008, and the case definitions that were in effect are those published in 2000 for the jurisdictions that follow national case definitions. The expert groups that developed the most recent case definitions have agreed that, in the future, the case definitions will exist as an 'evergreen' document, which means that it will be updated on a case-by-case, as-needed basis. Any future revisions will be posted on the PHAC website.

The data collected through CNDSS are important for identifying and monitoring national trends of notifiable communicable diseases, for assessing the effectiveness of control programs, for guiding public health policy development, and for targeting research, prevention, and control efforts. National data also allow for a description of the national picture for rare diseases in Canada, where trends may not be identifiable on a smaller

scale. These also allow Canada to meet its international reporting obligations, such as providing notifiable disease statistics to the World Health Organization (WHO).

The report is organized by groupings of diseases; however, these groupings are somewhat artificial in that a particular disease may fit in more than one category. For example, invasive meningococcal disease is vaccine preventable; however, the expert group who assembled the case definitions chose to classify it in the chapter on Diseases Transmitted by Respiratory Routes. Therefore the categories represented by any particular chapter heading may not be mutually exclusive or exhaustive.

For detailed disease-specific surveillance summaries, the reader is referred to the PHAC program reports noted below:

Brief Report on Sexually Transmitted Infections in Canada: 2006

<http://www.phac-aspc.gc.ca/publicat/2008/sti-its/index-eng.php>

Brief Report on Sexually Transmitted Infections in Canada: 2007

<http://www.phac-aspc.gc.ca/publicat/2009/sti-its/index-eng.php>

Report on Sexually Transmitted Infections in Canada: 2008

<http://www.phac-aspc.gc.ca/std-mts/report/sti-its2008/index-eng.php>

Tuberculosis in Canada 2005

<http://www.phac-aspc.gc.ca/publicat/2008/tbcan05/index-eng.php>

Tuberculosis in Canada 2006

<http://www.phac-aspc.gc.ca/publicat/2009/tbcan06/index-eng.php>

Tuberculosis in Canada 2007

<http://www.phac-aspc.gc.ca/tbpc-latb/pubs/tbcan07/index-eng.php>

Tuberculosis in Canada 2008 (Pre-release)

<http://www.phac-aspc.gc.ca/tbpc-latb/pubs/tbcan08pre/index-eng.php>

HIV/AIDS - Epi Updates November 2007

<http://www.phac-aspc.gc.ca/aids-sida/publication/epi/epi2007-eng.php>

HIV and AIDS in Canada: Surveillance Report to December 31, 2009

<http://www.phac-aspc.gc.ca/aids-sida/publication/survreport/2009/dec/index-eng.php>

Respiratory Virus Detections/Isolations in Canada

<http://www.phac-aspc.gc.ca/bid-bmi/dsd-dsm/rvdi-divr/index-eng.php>

Epidemiology of Acute Hepatitis C Infection in Canada (EHSSS)

http://www.phac-aspc.gc.ca/sti-its-surv-epi/pdf/epi_update-eng.pdf

Laboratory Surveillance Data for Enteric Pathogens in Canada-Annual Summary 2006

<http://www.nml-lnm.gc.ca/NESP-PNSME/assets/pdf/2006AnnualReport.pdf>

Creutzfeldt-Jakob Disease

<http://www.phac-aspc.gc.ca/hcai-iamss/cjd-mcj/cjdss-ssmcj/stats-eng.php>

Canadian National Report on Immunization, 2006

http://www.phac-aspc.gc.ca/publicat/ccdr-rmtc/06pdf/32s3_e.pdf

West Nile Virus monitor

<http://www.eidgis.com/wnvmonitorca>

National Enteric Surveillance Program (NESP)

<http://www.nml-lnm.gc.ca/NESP-PNSME/index-eng.htm>

The *FluWatch* program

<http://www.phac-aspc.gc.ca/fluwatch/index-eng.php>

Data Sources

All provinces and territories voluntarily provide non-nominal notifiable disease data to CNDSS under formal and informal agreements. Data originate from the provinces and territories in one of two formats, case-by-case line listing or an aggregated format, grouped by sex and age categories. The provinces and territories have the responsibility to ensure the accuracy and validity of the data reported to CNDSS.

CNDSS staff work closely with the submitting province or territory to resolve data errors and inconsistencies that are identified during data processing. All counts are verified with the provinces and territories before publishing.

Data for tuberculosis, HIV, AIDS, West Nile virus infection, Creutzfeldt-Jakob disease, acute flaccid paralysis, and influenza are currently sourced through PHAC program areas, rather than directly from the provinces and territories. Tuberculosis, HIV, AIDS, West Nile virus infection, and influenza cases are still provincially and territorially derived counts. However, Creutzfeldt-Jakob disease cases are identified through referral by physicians across Canada, followed by appropriate testing and clinical, epidemiological investigation upon consent, while acute flaccid paralysis cases are obtained from sentinel physicians in the Canadian Paediatric Surveillance System.

List of nationally notifiable diseases (2005-2008)

Acquired Immunodeficiency Syndrome (AIDS)
Acute Flaccid Paralysis (AFP)
Anthrax
Botulism
Brucellosis
Campylobacteriosis
Chlamydia
Cholera
Congenital Rubella Syndrome (CRS)
Creutzfeldt-Jakob Disease (CJD), Classic and New Variant
Cryptosporidiosis
Cyclosporiasis
Diphtheria
Giardiasis
Gonorrhea
Group B Streptococcal Disease of the Newborn
Hantavirus Pulmonary Syndrome (HPS)
Hepatitis A
Hepatitis B
Hepatitis C
Human Immunodeficiency Virus (HIV)
Influenza, laboratory-confirmed
Invasive *Haemophilus influenzae* Serotype b Disease
Invasive *Haemophilus influenzae* non-b Disease (2007)
Invasive Group A Streptococcal Disease
Invasive Listeriosis (2007)
Invasive Meningococcal Disease
Invasive Pneumococcal Disease
Legionellosis
Leprosy (Hansen's Disease)
Malaria
Measles
Mumps
Norovirus Infection (2007)
Paralytic Shellfish Poisoning (2007)
Pertussis
Plague
Poliomyelitis
Rabies
Rubella
Salmonellosis
Severe Acute Respiratory Syndrome (SARS)
Shigellosis
Smallpox

Syphilis
Tetanus
Tuberculosis
Tularaemia
Typhoid
Varicella (Chickenpox)
Verotoxigenic *Escherichia coli* (*E. coli*) Infection
Viral Hemorrhagic Fevers
West Nile Virus Infection
Yellow Fever

Technical Notes

General

The following information describes various limitations and some exceptions that should be taken into consideration while making interpretations of the data presented, and any comparisons with data available elsewhere.

The data presented in this report are for the years 2005, 2006, 2007 and 2008. The numbers presented have been validated by contributing jurisdictions. The years are based on calendar years, January 1st to December 31st. The date that is assigned to a case can vary, and will depend on available information. Dates that may be used to report the case are as follows:

- 1) Onset date (when symptoms of disease episode first occurred);
- 2) Clinical diagnosis date (when healthcare professional made diagnosis);
- 3) Specimen collection date (when the specimen, used for first laboratory confirmation of disease was taken);
- 4) Laboratory test result date (date of first confirmatory laboratory test result); and
- 5) Date reported (first time disease in this individual was reported to public health authority).

Onset date is considered the most epidemiologically relevant date for reporting while date reported is most removed from the date of onset. The date of assignment of each case is preferentially allocated using this list as a hierarchy, with date of onset the most and date of reporting the least preferred date.

It is important to note that while surveillance systems strive to capture a count of all cases of a particular disease, there are many circumstances that will result in under-reporting. For many diseases, the organism that causes disease may be present in the body without symptoms that would prompt a person to seek care. In the absence of routine widespread screening of the general population, asymptomatic cases can never be identified. Even among those who are symptomatic, not all cases will seek healthcare services and thus will not be counted. Finally, most diseases require laboratory testing to provide confirmation, and physicians may choose not to order such tests for a variety of reasons. The combination of these factors will ultimately result in underestimated national counts and will have an impact on national rates. The rates of asymptomatic cases, of seeking healthcare even in the presence of symptoms, and of performing laboratory testing on symptomatic cases will vary widely by disease, and therefore cannot be generalized to obtain an accurate overall indication of the rate of under-reporting.

In those instances where there are discrepancies between the data published in this report and the provincial/territorial reports, the numbers from the

provinces/territories should be considered more accurate since any recent updates are likely to reflect in the provincial/territorial publications much earlier than in the national publication. Differences between federal and provincial/territorial numbers may also occur for a variety of other reasons. For example, one source of discrepancy could be a difference in case definitions used by the provinces/territories and the national case definition.

Another source of potential discrepancies is related to time. Delays can occur due to time lags between identification of a case by a healthcare provider and the reporting of the case to provincial/territorial authorities (who then proceed to share data with PHAC). In that case, a data submission for a particular month or year may not include a case where the reporting was delayed. As such, there may be an update of case counts in a future submission. These discrepancies are more common for recent years, and will tend to taper as numbers are compared for years farther in the past. As a result, amended numbers are published in the subsequent reports. Numbers published in the most recent report should be considered the most accurate at the time of publication, even if they include previous years, since they supersede the older numbers.

While interpreting the time trend, it is important to remember that gross fluctuations in the trend over a short period of time may be an artefact. Changes in testing methodologies, changes and/or differences in case definitions, improved method of reporting (electronic versus paper), fluctuation in the population denominator, and recent change in the public interest in a particular disease can all affect the trends without there being an actual increase in the true rates. Similarly, calculated rates that are based on small numbers are more prone to fluctuation over time. It is also important to bear in mind that new diseases are being added to the existing notifiable disease list (for example invasive *Haemophilus influenzae* non-b disease was added in 2007). As provinces and territories implement new reporting, the number of cases may appear to increase for several years, followed by a levelling off. This is more likely to be an artefact of the new reportability than a surge in cases. Additions to the disease list will also increase the overall counts, as well as cumulative national rate for that particular group of diseases, thus giving a spurious impression of an increase when compared to past rates.

Province/Territory and Disease-Specific Considerations

Provincial/Territorial Considerations

The province of Quebec does not use a calendar year reference period. Instead, it follows the 52-week system used by the US Centers for Disease Control and Prevention. In this system, the end of week 52 may overlap with the beginning of the following calendar year. Due to this difference in the reference period between the federal and provincial levels, the data published by the province of Quebec may differ from the federal publications. However, all cases reported by Quebec are ultimately included in the national system and may simply be included in the preceding or following year when compared to Quebec provincial numbers.

As the territory of Nunavut was created on April 1, 1999, systems were not in place immediately to report its data separately from Northwest Territories data. As a result, Northwest Territories data for 1999 includes the data for Nunavut.

In some years, some provinces/territories did not report certain diseases. In all cases, the rates have been calculated excluding the populations of non-reporting jurisdictions, however, even the adjusted rates should be interpreted with added caution. The incomplete reporting may result in either an underestimation or an overestimation of the true rates based on whether the absolute numbers and incidence rates in those excluded provinces/territories are more or less than the national average. Provincially excluded diseases and years are as follows:

- Varicella (chickenpox): Not available from British Columbia, Manitoba, and Quebec for the years 1999-2008 and Saskatchewan for the years 2001-2008
- Cryptosporidiosis data were not available from Quebec for the years 2000 to 2003
- AIDS data were not available from Quebec after 2003
- Invasive pneumococcal disease data were not available from Ontario for the year 2000
- Invasive meningococcal disease data were not available from British Columbia for the year 2008

Invasive listeriosis, norovirus infection, paralytic shellfish poisoning, and invasive *Haemophilus influenzae* non-b disease were all added to the notifiable disease list in 2007. Therefore counts and rates for these diseases for the years 2007 and 2008 may be considered an under-representation of true rates as the implementation process for reporting was unlikely to be complete in the provinces and territories, and a lack of cases reported does not necessarily represent a lack of cases in these years.

Due to small numbers and confidentiality concerns, data for Prince Edward Island and Nova Scotia have been combined when reporting HIV and AIDS cases. Similarly for other sexually transmitted and blood-borne illnesses, cell counts less

than five for Prince Edward Island have been combined with those of Nova Scotia. As a result, the reported rate for Nova Scotia will be an overestimation as the data from Prince Edward Island has been combined with it.

Reported cases of sexually transmitted infections for Ontario in 2005 are underestimates due to a transition in the provincial reporting system. Decreases for 2005 are likely an artefact of reporting delay, not a true reduction in disease incidence.

For Quebec, the number of positive HIV test reports is based on the minimum number of newly diagnosed HIV-positive individuals since that province only reports those positive HIV reports that it is certain are not duplicate reports. Hence, the actual number of positive reports will be higher than the numbers presented. Quebec AIDS data have not been available since June 30, 2003; therefore, the number of cases reported here does not reflect the total number of AIDS cases in Quebec since that time.

For Saskatchewan for the years 2007 and 2008, reported cases of hepatitis B include only acute cases and total cases of syphilis include only infectious syphilis cases. For British Columbia for the years 2005 to 2008, reported cases of hepatitis B include only acute cases. As a result, the respective provincial rates, as well as the overall national rates indicated in this report, will be an underestimation of the true prevailing rates.

Enteric, Food, and Waterborne Diseases

See Provincial Considerations for invasive listeriosis and cryptosporidiosis.

Paratyphoid cases received are combined in reported salmonellosis cases, as per the national case definitions⁴.

Diseases Transmitted by Respiratory Routes

The reference period for the FluWatch system, which is the source for influenza cases, differs from that of the other diseases in CNDSS. The reference period is as follows:

- 2000: September 4, 1999 to April 22, 2000
- 2001: August 27, 2000 to April 21, 2001
- 2002: August 26, 2001 to August 24, 2002
- 2003: August 25, 2002 to August 23, 2003
- 2004: August 24, 2003 to August 21, 2004
- 2005: August 22, 2004 to August 27, 2005
- 2006: August 28, 2005 to August 26, 2006
- 2007: August 27, 2006 to August 25, 2007
- 2008: August 26, 2007 to August 23, 2008

Cases reported through this system represent laboratory confirmed cases of Influenza A and Influenza B. Influenza specimens from the Northwest Territories, Nunavut, and Yukon Territory are sent to reference laboratories in other provinces and the confirmed cases are included in those provinces.

It is important to note that these numbers are a gross underestimation of the true total number of cases in Canada since only a certain proportion of those with influenza-like illness will actually visit a healthcare provider. Among these attendees, only a certain proportion will have their specimen sent for testing.

Pneumococcal meningitis was removed from the notifiable disease list in 2000 and was replaced by the larger category of invasive pneumococcal disease, which includes pneumococcal meningitis. Cases of pneumococcal meningitis, where they are reported separately, are included in invasive pneumococcal disease from 2000 onwards. However, where cases of pneumococcal pneumonia are reported separately, they are not included as when unaccompanied by bacteremia, pneumonia alone is not sufficient to meet the case definition⁴.

See Provincial Considerations for invasive pneumococcal disease.

Diseases Transmitted by Direct Contact and Through the Provision of Health Care

For Creutzfeldt-Jakob disease, due to the small number of cases and the related confidentiality concerns, only aggregate national numbers with no provincial/territorial, sex, or age breakdowns have been published in this report. Data for this disease do not originate with the provinces and territories (see Data Sources section) and therefore the case counts may differ from those reported by the jurisdictions.

Rates of group B streptococcal disease of the newborn are calculated using live births as the denominator. See Population Information below for further details.

Diseases Preventable by Routine Vaccination

See Provincial Considerations for varicella.

As stated in the Data Sources section, cases of acute flaccid paralysis are submitted through the Canadian Paediatric Surveillance System. They are therefore not representative of the full provincial/territorial case numbers, and, as a result, these data have not been broken down by province or territory. See Population Information below for details regarding denominator used for rate calculation.

Rates of congenital rubella are calculated using live births as the denominator. See Population Information below for further details.

Hepatitis B data include both acute and chronic cases.

Sexually Transmitted and Blood-borne Pathogens

Canadian cases and rates of sexually transmitted infections for 2005 may appear lower due to under-reporting in Ontario for that year. See Provincial Considerations section for details.

Rates of congenital syphilis, perinatal chlamydia, and perinatal gonococcal infection are calculated using live births as the denominator. See Population Information below for further details.

HIV and AIDS data are reported in separate tables due to differences in age groupings used for reporting.

Hepatitis C data include both acute and chronic cases.

Vectorborne and Other Zoonotic Diseases

West Nile virus infection cases are not available by age and sex, and are reported by province and national totals only.

Worldwide Potential Bioterrorism Agents

As there were no cases of anthrax or haemorrhagic fevers reported, there is no analysis chapter for these diseases presented in the report.

Population

The population used for rate calculations are final intercensal estimates, July population, from Statistics Canada for 1999 to 2005⁵. The final postcensal estimate has been used for 2006 and updated postcensal estimates for 2007 and 2008. Rates are expressed as the total number of new cases reported in the given calendar year per 100,000 population.

Exceptions to the above are congenital rubella syndrome, congenital syphilis, group B streptococcal disease of the newborn, perinatal chlamydia and perinatal gonococcal infection where the rate is expressed as per 100,000 live births in the given year. The source for total number of live births for the years 2005 to 2008 was Statistics Canada and is available at <http://www40.statcan.ca/l01/cst01/hlth85a-eng.htm>.

Acute flaccid paralysis is reported only for children less than 15 years of age. Therefore, the denominator used for the rate calculation has been adjusted accordingly.

Table 1: All Diseases, Number and rate per 100,000 of reported cases, National and by Province/Territories, Canada, 2005

ENTERIC, FOOD AND WATERBORNE DISEASES	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Botulism	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Campylobacteriosis	9949	30.9	1188	35.8	1569	37.4	255	21.6	176	23.5	86	16.7
Cholera	8	0.0	2	0.1	0	0.0	0	0.0	3	0.4	0	0.0
Cryptosporidiosis	608	1.9	111	3.3	124	3.0	15	1.3	9	1.2	0	0.0
Cyclosporiasis	208	0.6	2	0.1	35	0.8	0	0.0	0	0.0	0	0.0
Giardiasis	4264	13.2	453	13.6	691	16.5	103	8.7	81	10.8	22	4.3
Hepatitis A	361	1.1	26	0.8	51	1.2	17	1.4	6	0.8	0	0.0
Invasive Listeriosis ¹	-	-	-	-	-	-	-	-	-	-	-	-
Norovirus Infection ²	-	-	-	-	-	-	-	-	-	-	-	-
Paralytic Shellfish Poisoning ³	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	6007	18.6	641	19.3	720	17.2	145	12.3	108	14.4	41	8.0
Shigellosis	1014	3.1	108	3.3	233	5.6	11	0.9	11	1.5	4	0.8
Typhoid	108	0.3	6	0.2	19	0.5	0	0.0	0	0.0	0	0.0
Verotoxigenic <i>E. coli</i> Infection	801	2.5	190	5.7	115	2.7	38	3.2	12	1.6	3	0.6

ENTERIC, FOOD AND WATERBORNE DISEASES	National		NT		NS		NU*		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Botulism	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0
Campylobacteriosis	9949	30.9	6	13.8	125	13.3	0	0.0	3797	30.3	27	19.6
Cholera	8	0.0	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0
Cryptosporidiosis	608	1.9	0	0.0	18	1.9	0	0.0	266	2.1	2	1.4
Cyclosporiasis	208	0.6	0	0.0	0	0.0	0	0.0	132	1.1	0	0.0
Giardiasis	4264	13.2	6	13.8	108	11.5	22	72.5	1631	13.0	9	6.5
Hepatitis A	361	1.1	0	0.0	5	0.5	1	3.3	151	1.2	0	0.0
Invasive Listeriosis ¹	-	-	-	-	-	-	-	-	-	-	-	-
Norovirus Infection ²	-	-	-	-	-	-	-	-	-	-	-	-
Paralytic Shellfish Poisoning ³	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	6007	18.6	3	6.9	121	12.9	2	6.6	3014	24.1	20	14.5
Shigellosis	1014	3.1	0	0.0	19	2.0	0	0.0	337	2.7	5	3.6
Typhoid	108	0.3	0	0.0	0	0.0	0	0.0	68	0.5	0	0.0
Verotoxigenic <i>E. coli</i> Infection	801	2.5	3	6.9	14	1.5	0	0.0	265	2.1	3	2.2

Table 1: All Diseases, Number and rate per 100,000 of reported cases, National and by Province/Territories, Canada, 2005

ENTERIC, FOOD AND WATERBORNE DISEASES	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Botulism	1	0.0	0	0.0	0	0.0	0	0.0
Campylobacteriosis	9949	30.9	2448	32.3	269	27.1	3	9.4
Cholera	8	0.0	0	0.0	2	0.2	0	0.0
Cryptosporidiosis	608	1.9	31	0.4	32	3.2	0	0.0
Cyclosporiasis	208	0.6	39	0.5	0	0.0	0	0.0
Giardiasis	4264	13.2	1006	13.3	120	12.1	12	37.6
Hepatitis A	361	1.1	91	1.2	13	1.3	0	0.0
Invasive Listeriosis ¹	-	-	-	-	-	-	-	-
Norovirus Infection ²	-	-	-	-	-	-	-	-
Paralytic Shellfish Poisoning ³	-	-	-	-	-	-	-	-
Salmonellosis	6007	18.6	1110	14.6	80	8.1	2	6.3
Shigellosis	1014	3.1	265	3.5	20	2.0	1	3.1
Typhoid	108	0.3	15	0.2	0	0.0	0	0.0
Verotoxigenic <i>E. coli</i> Infection	801	2.5	130	1.7	27	2.7	1	3.1

n = Number; R = Rate

¹⁻³Invasive Listeriosis, Norovirus Infection and Paralytic Shellfish Poisoning became notifiable from 2007

*NU data are preliminary

Table 1: All Diseases, Number and rate per 100,000 of reported cases, National and by Province/Territories, Canada, 2005

DISEASES TRANSMITTED BY RESPIRATORY ROUTES	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Hantavirus Pulmonary Syndrome	8	0.0	5	0.2	1	0.0	0	0.0	0	0.0	0	0.0
Invasive Group A Streptococcal Disease	1025	3.2	172	5.2	171	4.1	6	0.5	8	1.1	0	0.0
Invasive Meningococcal Disease	181	0.6	12	0.4	26	0.6	5	0.4	8	1.1	4	0.8
Invasive Pneumococcal Disease	2857	8.9	386	11.6	323	7.7	109	9.3	69	9.2	45	8.7
Laboratory Confirmed Influenza ¹	12879	39.9	1034	31.1	611	14.6	211	17.9	420	56.2	142	27.6
Legionellosis	114	0.4	4	0.1	5	0.1	4	0.3	1	0.1	0	0.0
Leprosy	7	0.0	2	0.1	0	0.0	0	0.0	0	0.0	0	0.0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1641	5.1	146	4.4	265	6.3	114	9.7	6	0.8	9	1.7

DISEASES TRANSMITTED BY RESPIRATORY ROUTES	National		NT		NS		NU**		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Hantavirus Pulmonary Syndrome	8	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Invasive Group A Streptococcal Disease	1025	3.2	4	9.2	26	2.8	5	16.5	392	3.1	0	0.0
Invasive Meningococcal Disease	181	0.6	1	2.3	2	0.2	1	3.3	43	0.3	0	0.0
Invasive Pneumococcal Disease	2857	8.9	10	23.0	27	2.9	3	9.9	930	7.4	0	0.0
Laboratory Confirmed Influenza ¹	12879	39.9	*	*	515	54.9	*	*	5145	41.1	25	18.1
Legionellosis	114	0.4	0	0.0	2	0.2	0	0.0	75	0.6	0	0.0
Leprosy	7	0.0	0	0.0	0	0.0	0	0.0	3	0.0	0	0.0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1641	5.1	8	18.4	7	0.7	45	148.4	643	5.1	1	0.7

DISEASES TRANSMITTED BY RESPIRATORY ROUTES	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Hantavirus Pulmonary Syndrome	8	0.0	1	0.0	1	0.1	0	0.0
Invasive Group A Streptococcal Disease	1025	3.2	193	2.5	46	4.6	2	6.3
Invasive Meningococcal Disease	181	0.6	76	1.0	3	0.3	0	0.0
Invasive Pneumococcal Disease	2857	8.9	840	11.1	110	11.1	5	15.7
Laboratory Confirmed Influenza ¹	12879	39.9	4164	54.9	612	61.6	*	*
Legionellosis	114	0.4	23	0.3	0	0.0	0	0.0
Leprosy	7	0.0	2	0.0	0	0.0	0	0.0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1641	5.1	255	3.4	139	14.0	3	9.4

n = Number; R = Rate

¹Seasonal Data

*Specimens from NT, NU and YT are sent to reference laboratories in other provinces

**NU data are preliminary

Table 1: All Diseases, Number and rate per 100,000 of reported cases, National and by Province/Territories, Canada, 2005

DISEASES TRANSMITTED BY DIRECT CONTACT AND THROUGH PROVISION OF HEALTH CARE	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Creutzfeldt-Jakob Disease ¹	44	0.1	-	-	-	-	-	-	-	-	-	-
Group B Streptococcal Disease of the Newborn ²	67	19.6	0	0.0	4	9.8	0	0.0	1	14.5	0	0.0

DISEASES TRANSMITTED BY DIRECT CONTACT AND THROUGH PROVISION OF HEALTH CARE	National		NT		NS		NU		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Creutzfeldt-Jakob Disease ¹	44	0.1	-	-	-	-	-	-	-	-	-	-
Group B Streptococcal Disease of the Newborn ²	67	19.6	0	0.0	0	0.0	0	0.0	52	38.9	0	0.0

DISEASES TRANSMITTED BY DIRECT CONTACT AND THROUGH PROVISION OF HEALTH CARE	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Creutzfeldt-Jakob Disease ¹	44	0.1	-	-	-	-	-	-
Group B Streptococcal Disease of the Newborn ²	67	19.6	0	0.0	10	83.6	0	0.0

n = Number; R = Rate

¹Provincial/Territorial breakdown not available

²Rate expressed as per 100,000 live births in the year

Table 1: All Diseases, Number and rate per 100,000 of reported cases, National and by Province/Territories, Canada, 2005

DISEASES PREVENTABLE BY ROUTINE VACCINATION	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Acute Flaccid Paralysis ¹	53	0.9	-	-	-	-	-	-	-	-	-	-
Chickenpox ²	1750	9.6	896	27.0	-	-	-	-	92	12.3	479	93.1
Congenital Rubella Syndrome ³	1	0.3	0	0.0	1	2.4	0	0.0	0	0.0	0	0.0
Diphtheria	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hepatitis B ⁴	1452	4.5	27	0.8	58	1.4	2	0.2	7	0.9	29	5.6
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	30	0.1	3	0.1	1	0.0	4	0.3	0	0.0	0	0.0
<i>Haemophilus influenzae</i> non-b, Invasive Disease ⁵	-	-	-	-	-	-	-	-	-	-	-	-
Measles	8	0.0	0	0.0	2	0.0	0	0.0	1	0.1	0	0.0
Mumps	79	0.2	16	0.5	7	0.2	8	0.7	0	0.0	0	0.0
Pertussis	2493	7.7	474	14.3	206	4.9	24	2.0	50	6.7	1	0.2
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rubella	319	1.0	3	0.1	1	0.0	1	0.1	0	0.0	0	0.0
Tetanus	4	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0

DISEASES PREVENTABLE BY ROUTINE VACCINATION	National		NT		NS		NU*		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Acute Flaccid Paralysis ¹	53	0.9	-	-	-	-	-	-	-	-	-	-
Chickenpox ²	1750	9.6	17	39.2	0	0.0	71	234.1	193	1.5	0	0.0
Congenital Rubella Syndrome ³	1	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Diphtheria	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hepatitis B ⁴	1452	4.5	0	0.0	15	1.6	3	9.9	155	1.2	7	5.1
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	30	0.1	0	0.0	1	0.1	1	3.3	8	0.1	0	0.0
<i>Haemophilus influenzae</i> non-b, Invasive Disease ⁵	-	-	-	-	-	-	-	-	-	-	-	-
Measles	8	0.0	0	0.0	0	0.0	0	0.0	4	0.0	0	0.0
Mumps	79	0.2	0	0.0	30	3.2	0	0.0	17	0.1	0	0.0
Pertussis	2493	7.7	5	11.5	25	2.7	0	0.0	647	5.2	1	0.7
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rubella	319	1.0	0	0.0	0	0.0	0	0.0	313	2.5	0	0.0
Tetanus	4	0.0	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0

Table 1: All Diseases, Number and rate per 100,000 of reported cases, National and by Province/Territories, Canada, 2005

DISEASES PREVENTABLE BY ROUTINE VACCINATION	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Acute Flaccid Paralysis ¹	53	0.9	-	-	-	-	-	-
Chickenpox ²	1750	9.6	-	-	-	-	2	6.3
Congenital Rubella Syndrome ³	1	0.3	0	0.0	0	0.0	0	0.0
Diphtheria	0	0.0	0	0.0	0	0.0	0	0.0
Hepatitis B ⁴	1452	4.5	1058	14.0	91	9.2	0	0.0
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	30	0.1	11	0.1	1	0.1	0	0.0
<i>Haemophilus influenzae</i> non-b, Invasive Disease ⁵	-	-	-	-	-	-	-	-
Measles	8	0.0	0	0.0	1	0.1	0	0.0
Mumps	79	0.2	0	0.0	1	0.1	0	0.0
Pertussis	2493	7.7	827	10.9	233	23.5	0	0.0
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0
Rubella	319	1.0	1	0.0	0	0.0	0	0.0
Tetanus	4	0.0	2	0.0	0	0.0	0	0.0

n = Number; R = Rate

¹Only aggregate numbers displayed. Denominator for rate calculation is population less than 15 years old

²Data from BC, MB, QC and SK not available

³Rate expressed as per 100,000 live births in the year

⁴Includes only acute cases for BC

⁵*Haemophilus influenzae* non-b, Invasive Disease became notifiable from 2007

*NU data are preliminary

Table 1: All Diseases, Number and rate per 100,000 of reported cases, National and by Province/Territories, Canada, 2005

SEXUALLY TRANSMITTED AND BLOODBORNE PATHOGENS	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Acquired Immunodeficiency Syndrome (AIDS)	380	1.2	36	1.1	114	2.7	9	0.8	6	0.8	0	0.0
Human Immunodeficiency Virus Infection (HIV)	2494	7.7	174	5.2	400	9.5	112	9.5	7	0.9	8	1.6
Chlamydia ¹	66503	206.2	8832	265.8	9147	218.0	3897	330.7	1498	200.3	650	126.4
Chlamydia Perinatal ²	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gonorrhea ¹	9202	28.5	1530	46.1	1204	28.7	1175	99.7	23	3.1	1	0.2
Gonorrhea Perinatal ²	6	1.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hepatitis C	13017	40.4	1384	41.7	2878	68.6	419	35.6	272	36.4	84	16.3
Syphilis ¹	2317	7.2	207	6.2	396	9.4	77	6.5	10	1.3	2	0.4
Congenital Syphilis ²	11	3.2	8	19.0	3	7.3	0	0.0	0	0.0	0	0.0

SEXUALLY TRANSMITTED AND BLOODBORNE PATHOGENS	National		NT		NS		NU***		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Acquired Immunodeficiency Syndrome (AIDS)	380	1.2	0	0.0	5	0.5	0	0.0	196	1.6	*	
Human Immunodeficiency Virus Infection (HIV)	2494	7.7	3	6.9	22	2.3	0	0.0	1121	8.9	*	
Chlamydia ¹	66503	206.2	728	1677.5	1745	186.0	1105	3643.5	21919	175.0	183	132.6
Chlamydia Perinatal ²	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gonorrhea ¹	9202	28.5	142	327.2	106	11.3	57	187.9	3322	26.5	*	
Gonorrhea Perinatal ²	6	1.8	0	0.0	0	0.0	0	0.0	6	4.5	0	0.0
Hepatitis C	13017	40.4	21	48.4	249	26.5	7	23.1	4576	36.5	43	31.1
Syphilis ¹	2317	7.2	0	0.0	30	3.2	0	0.0	1200	9.6	*	
Congenital Syphilis ²	11	3.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Table 1: All Diseases, Number and rate per 100,000 of reported cases, National and by Province/Territories, Canada, 2005

SEXUALLY TRANSMITTED AND BLOODBORNE PATHOGENS	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Acquired Immunodeficiency Syndrome (AIDS)	380	1.2	**		14	1.4	0	0.0
Human Immunodeficiency Virus Infection (HIV)	2494	7.7	566	7.5	80	8.1	1	3.1
Chlamydia ¹	66503	206.2	12714	167.7	3894	391.9	191	598.7
Chlamydia Perinatal ²	0	0.0	0	0.0	0	0.0	0	0.0
Gonorrhea ¹	9202	28.5	901	11.9	720	72.5	21	65.8
Gonorrhea Perinatal ²	6	1.8	0	0.0	0	0.0	0	0.0
Hepatitis C	13017	40.4	2393	31.6	654	65.8	37	116.0
Syphilis ¹	2317	7.2	379	5.0	14	1.4	2	6.3
Congenital Syphilis ²	11	3.2	0	0.0	0	0.0	0	0.0

n = Number; R = Rate

¹Includes all categories

²Rate expressed as per 100,000 live births in the year

*Cases for PE combined with those of NS

**Data not available

***NU data are preliminary (except AIDS and HIV)

Table 1: All Diseases, Number and rate per 100,000 of reported cases, National and by Province/Territories, Canada, 2005

VECTORBORNE AND OTHER ZOOTIC DISEASES	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Anthrax	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Brucellosis	11	0.0	0	0.0	2	0.0	0	0.0	0	0.0	0	0.0
Malaria	365	1.1	37	1.1	35	0.8	10	0.8	1	0.1	0	0.0
Plague	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rabies	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tularaemia	22	0.1	0	0.0	0	0.0	2	0.2	0	0.0	0	0.0
West Nile Virus Infection ¹	238	0.7	10	0.3	0	0.0	58	4.9	1	0.1	0	0.0
Yellow Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

VECTORBORNE AND OTHER ZOOTIC DISEASES	National		NT		NS		NU*		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Anthrax	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Brucellosis	11	0.0	0	0.0	0	0.0	3	9.9	6	0.0	0	0.0
Malaria	365	1.1	0	0.0	3	0.3	0	0.0	187	1.5	1	0.7
Plague	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rabies	1	0.0	0	0.0	0	0.0	1	3.3	0	0.0	0	0.0
Tularaemia	22	0.1	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0
West Nile Virus Infection ¹	238	0.7	0	0.0	1	0.1	0	0.0	101	0.8	1	0.7
Yellow Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

VECTORBORNE AND OTHER ZOOTIC DISEASES	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Anthrax	0	0.0	0	0.0	0	0.0	0	0.0
Brucellosis	11	0.0	0	0.0	0	0.0	0	0.0
Malaria	365	1.1	83	1.1	8	0.8	0	0.0
Plague	0	0.0	0	0.0	0	0.0	0	0.0
Rabies	1	0.0	0	0.0	0	0.0	0	0.0
Tularaemia	22	0.1	16	0.2	3	0.3	0	0.0
West Nile Virus Infection ¹	238	0.7	7	0.1	59	5.9	0	0.0
Yellow Fever	0	0.0	0	0.0	0	0.0	0	0.0

n = Number; R = Rate

¹Includes all categories

*NU data are preliminary

Table 1: All Diseases, Number and rate per 100,000 of reported cases, National and by Province/Territories, Canada, 2005

WORLDWIDE POTENTIAL BIOTERRORISM AGENTS	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hemorrhagic Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

WORLDWIDE POTENTIAL BIOTERRORISM AGENTS	National		NT		NS		NU		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hemorrhagic Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

WORLDWIDE POTENTIAL BIOTERRORISM AGENTS	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hemorrhagic Fever	0	0.0	0	0.0	0	0.0	0	0.0

n = Number; R = Rate

Table 2: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2006

ENTERIC, FOOD AND WATERBORNE DISEASES	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Botulism	14	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Campylobacteriosis	9981	30.6	1205	35.2	1586	37.4	215	18.2	164	22.0	43	8.4
Cholera	3	0.0	0	0.0	2	0.0	0	0.0	0	0.0	0	0.0
Cryptosporidiosis	789	2.4	151	4.4	129	3.0	25	2.1	11	1.5	2	0.4
Cyclosporiasis	157	0.5	3	0.1	53	1.2	0	0.0	0	0.0	0	0.0
Giardiasis	4144	12.7	418	12.2	674	15.9	126	10.6	95	12.7	32	6.3
Hepatitis A	478	1.5	49	1.4	55	1.3	14	1.2	7	0.9	0	0.0
Invasive Listeriosis ¹	-	-	-	-	-	-	-	-	-	-	-	-
Norovirus Infection ²	-	-	-	-	-	-	-	-	-	-	-	-
Paralytic Shellfish Poisoning ³	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	5478	16.8	669	19.6	679	16.0	132	11.1	169	22.7	36	7.1
Shigellosis	647	2.0	90	2.6	170	4.0	11	0.9	5	0.7	2	0.4
Typhoid	147	0.5	11	0.3	27	0.6	0	0.0	0	0.0	0	0.0
Verotoxigenic <i>E. coli</i> Infection	1079	3.3	201	5.9	151	3.6	158	13.3	11	1.5	0	0.0

ENTERIC, FOOD AND WATERBORNE DISEASES	National		NT		NS		NU*		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Botulism	14	0.0	0	0.0	0	0.0	0	0.0	5	0.0	0	0.0
Campylobacteriosis	9981	30.6	9	20.8	132	14.1	2	6.5	3871	30.6	29	21.0
Cholera	3	0.0	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0
Cryptosporidiosis	789	2.4	0	0.0	9	1.0	0	0.0	402	3.2	0	0.0
Cyclosporiasis	157	0.5	0	0.0	3	0.3	0	0.0	93	0.7	0	0.0
Giardiasis	4144	12.7	8	18.5	106	11.3	17	55.2	1550	12.2	8	5.8
Hepatitis A	478	1.5	0	0.0	19	2.0	3	9.7	206	1.6	0	0.0
Invasive Listeriosis ¹	-	-	-	-	-	-	-	-	-	-	-	-
Norovirus Infection ²	-	-	-	-	-	-	-	-	-	-	-	-
Paralytic Shellfish Poisoning ³	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	5478	16.8	9	20.8	105	11.2	21	68.2	2429	19.2	30	21.8
Shigellosis	647	2.0	0	0.0	6	0.6	0	0.0	204	1.6	1	0.7
Typhoid	147	0.5	0	0.0	0	0.0	0	0.0	92	0.7	0	0.0
Verotoxigenic <i>E. coli</i> Infection	1079	3.3	0	0.0	21	2.2	0	0.0	345	2.7	7	5.1

Table 2: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2006

ENTERIC, FOOD AND WATERBORNE DISEASES	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Botulism	14	0.0	8	0.1	0	0.0	0	0.0
Campylobacteriosis	9981	30.6	2443	32.0	275	27.7	7	21.7
Cholera	3	0.0	0	0.00	0	0.0	0	0.0
Cryptosporidiosis	789	2.4	21	0.3	38	3.8	1	3.1
Cyclosporiasis	157	0.5	5	0.1	0	0.0	0	0.0
Giardiasis	4144	12.7	975	12.8	124	12.5	11	34.1
Hepatitis A	478	1.5	119	1.6	5	0.5	1	3.1
Invasive Listeriosis ¹	-	-	-	-	-	-	-	-
Norovirus Infection ²	-	-	-	-	-	-	-	-
Paralytic Shellfish Poisoning ³	-	-	-	-	-	-	-	-
Salmonellosis	5478	16.8	1073	14.1	122	12.3	4	12.4
Shigellosis	647	2.0	143	1.9	15	1.5	0	0.0
Typhoid	147	0.5	16	0.2	1	0.1	0	0.0
Verotoxigenic <i>E. coli</i> Infection	1079	3.3	159	2.1	26	2.6	0	0.0

n = Number; R = Rate

¹⁻³Invasive Listeriosis, Norovirus Infection and Paralytic Shellfish Poisoning became notifiable from 2007

*NU data are preliminary

Table 2: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2006

DISEASES TRANSMITTED BY RESPIRATORY ROUTES	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Hantavirus Pulmonary Syndrome	4	0.0	1	0.0	2	0.0	0	0.0	0	0.0	0	0.0
Invasive Group A Streptococcal Disease	1194	3.7	193	5.6	194	4.6	18	1.5	7	0.9	2	0.4
Invasive Meningococcal Disease	204	0.6	14	0.4	15	0.4	1	0.1	4	0.5	4	0.8
Invasive Pneumococcal Disease	2883	8.9	539	15.8	446	10.5	111	9.4	25	3.4	22	4.3
Laboratory Confirmed Influenza ¹	7422	22.8	1351	39.5	817	19.3	90	7.6	279	37.4	78	15.3
Legionellosis	121	0.4	5	0.1	4	0.1	2	0.2	2	0.3	1	0.2
Leprosy	2	0.0	2	0.1	0	0.0	0	0.0	0	0.0	0	0.0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1654	5.1	131	3.8	320	7.5	134	11.3	2	0.3	12	2.4

DISEASES TRANSMITTED BY RESPIRATORY ROUTES	National		NT		NS		NU**		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Hantavirus Pulmonary Syndrome	4	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Invasive Group A Streptococcal Disease	1194	3.7	6	13.9	35	3.7	5	16.2	464	3.7	3	2.2
Invasive Meningococcal Disease	204	0.6	1	2.3	4	0.4	1	3.2	67	0.5	1	0.7
Invasive Pneumococcal Disease	2883	8.9	12	27.8	23	2.5	4	13.0	944	7.5	1	0.7
Laboratory Confirmed Influenza ¹	7422	22.8	*	*	116	12.4	*	*	2317	18.3	8	5.8
Legionellosis	121	0.4	0	0.0	1	0.1	0	0.0	69	0.5	0	0.0
Leprosy	2	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1654	5.1	6	13.9	10	1.1	48	155.8	673	5.3	0	0.0

DISEASES TRANSMITTED BY RESPIRATORY ROUTES	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Hantavirus Pulmonary Syndrome	4	0.0	0	0.0	1	0.1	0	0.0
Invasive Group A Streptococcal Disease	1194	3.7	188	2.5	79	8.0	0	0.0
Invasive Meningococcal Disease	204	0.6	87	1.1	5	0.5	0	0.0
Invasive Pneumococcal Disease	2883	8.9	635	8.3	113	11.4	8	24.8
Laboratory Confirmed Influenza ¹	7422	22.8	1715	22.5	651	65.6	*	*
Legionellosis	121	0.4	36	0.5	1	0.1	0	0.0
Leprosy	2	0.0	0	0.0	0	0.0	0	0.0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1654	5.1	228	3.0	87	8.8	3	9.3

n = Number; R = Rate

¹Seasonal Data

*Specimens from NT, NU and YT are sent to reference laboratories in other provinces

**NU data are preliminary

Table 2: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2006

DISEASES TRANSMITTED BY DIRECT CONTACT AND THROUGH PROVISION OF HEALTH CARE	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Creutzfeldt-Jakob Disease ¹	44	0.1	-	-	-	-	-	-	-	-	-	-
Group B Streptococcal Disease of the Newborn ²	70	19.7	0	0.0	5	12.0	0	0.0	6	85.3	1	22.0

DISEASES TRANSMITTED BY DIRECT CONTACT AND THROUGH PROVISION OF HEALTH CARE	National		NT		NS		NU*		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Creutzfeldt-Jakob Disease ¹	44	0.1	-	-	-	-	-	-	-	-	-	-
Group B Streptococcal Disease of the Newborn ²	70	19.7	0	0.0	0	0.0	0	0.0	55	40.6	0	0.0

DISEASES TRANSMITTED BY DIRECT CONTACT AND THROUGH PROVISION OF HEALTH CARE	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Creutzfeldt-Jakob Disease ¹	44	0.1	-	-	-	-	-	-
Group B Streptococcal Disease of the Newborn ²	70	19.7	0	0.0	3	24.4	0	0.0

n = Number; R = Rate

¹Provincial/Territorial breakdown not available

²Rate expressed as per 100,000 live births in the year

*NU data are preliminary

Table 2: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2006

DISEASES PREVENTABLE BY ROUTINE VACCINATION	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Acute Flaccid Paralysis ¹	39	0.7	-	-	-	-	-	-	-	-	-	-
Chickenpox ²	1041	5.6	446	13.0	-	-	-	-	35	4.7	131	25.7
Congenital Rubella Syndrome ³	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Diphtheria	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hepatitis B ⁴	1557	4.8	179	5.2	42	1.0	7	0.6	3	0.4	13	2.5
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	32	0.1	1	0.0	0	0.0	1	0.1	0	0.0	0	0.0
<i>Haemophilus influenzae</i> non-b, Invasive Disease ⁵	-	-	-	-	-	-	-	-	-	-	-	-
Measles	13	0.0	2	0.1	4	0.1	0	0.0	0	0.0	0	0.0
Mumps	42	0.1	8	0.2	3	0.1	5	0.4	1	0.1	0	0.0
Pertussis	2346	7.2	208	6.1	258	6.1	11	0.9	27	3.6	2	0.4
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rubella	9	0.0	2	0.1	0	0.0	0	0.0	0	0.0	0	0.0
Tetanus	2	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2

DISEASES PREVENTABLE BY ROUTINE VACCINATION	National		NT		NS		NU*		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Acute Flaccid Paralysis ¹	39	0.7	-	-	-	-	-	-	-	-	-	-
Chickenpox ²	1041	5.6	22	50.9	0	0.0	100	324.7	307	2.4	0	0.0
Congenital Rubella Syndrome ³	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Diphtheria	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hepatitis B ⁴	1557	4.8	0	0.0	9	1.0	5	16.2	183	1.4	3	2.2
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	32	0.1	3	6.9	0	0.0	2	6.5	11	0.1	0	0.0
<i>Haemophilus influenzae</i> non-b, Invasive Disease ⁵	-	-	-	-	-	-	-	-	-	-	-	-
Measles	13	0.0	0	0.0	0	0.0	0	0.0	5	0.0	0	0.0
Mumps	42	0.1	0	0.0	6	0.6	0	0.0	10	0.1	0	0.0
Pertussis	2346	7.2	2	4.6	47	5.0	1	3.2	1265	10.0	0	0.0
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rubella	9	0.0	0	0.0	1	0.1	0	0.0	5	0.0	0	0.0
Tetanus	2	0.0	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0

Table 2: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2006

DISEASES PREVENTABLE BY ROUTINE VACCINATION	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Acute Flaccid Paralysis ¹	39	0.7	-	-	-	-	-	-
Chickenpox ²	1041	5.6	-	-	-	-	0	0.0
Congenital Rubella Syndrome ³	0	0.0	0	0.0	0	0.0	0	0.0
Diphtheria	0	0.0	0	0.0	0	0.0	0	0.0
Hepatitis B ⁴	1557	4.8	1032	13.5	81	8.2	0	0.0
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	32	0.1	13	0.2	1	0.1	0	0.0
<i>Haemophilus influenzae</i> non-b, Invasive Disease ⁵	-	-	-	-	-	-	-	-
Measles	13	0.0	2	0.0	0	0.0	0	0.0
Mumps	42	0.1	9	0.1	0	0.0	0	0.0
Pertussis	2346	7.2	440	5.8	81	8.2	4	12.4
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0
Rubella	9	0.0	0	0.0	1	0.1	0	0.0
Tetanus	2	0.0	0	0.0	0	0.0	0	0.0

n = Number; R = Rate

¹Only aggregate numbers displayed. Denominator for rate calculation is population less than 15 years old

²Data from BC, MB, QC and SK not available

³Rate expressed as per 100,000 live birth in the year

⁴Includes only acute cases for BC

⁵*Haemophilus influenzae* non-b, Invasive Disease became notifiable from 2007

*NU data are preliminary

Table 2: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2006

SEXUALLY TRANSMITTED AND BLOODBORNE PATHOGENS	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Acquired Immunodeficiency Syndrome (AIDS)	329	1.0	59	1.7	93	2.2	14	1.2	2	0.3	0	0.0
Human Immunodeficiency Virus Infection (HIV)	2547	7.8	221	6.5	361	8.5	77	6.5	16	2.1	7	1.4
Chlamydia ¹	69291	212.7	10452	305.5	9236	217.6	4244	358.4	1326	177.8	547	107.2
Chlamydia Perinatal ²	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gonorrhea ¹	11313	34.7	2149	62.8	1078	25.4	1578	133.3	32	4.3	8	1.6
Gonorrhea Perinatal ²	3	0.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hepatitis C	12017	36.9	1361	39.8	2935	69.2	320	27.0	140	18.8	100	19.6
Syphilis ¹	3528	10.8	218	6.4	471	11.1	51	4.3	3	0.4	3	0.6
Congenital Syphilis ²	8	2.3	4	8.8	3	7.2	1	6.9	0	0.0	0	0.0

SEXUALLY TRANSMITTED AND BLOODBORNE PATHOGENS	National		NT		NS		NU***		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Acquired Immunodeficiency Syndrome (AIDS)	329	1.0	0	0.0	13	1.4	0	0.0	142	1.1	*	
Human Immunodeficiency Virus Infection (HIV)	2547	7.8	2	4.6	28	3.0	1	3.2	1147	9.1	*	
Chlamydia ¹	69291	212.7	696	1611.2	1762	187.8	1129	3665.7	22451	177.3	169	122.5
Chlamydia Perinatal ²	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gonorrhea ¹	11313	34.7	181	419.0	99	10.6	102	331.2	3846	30.4	0	0.0
Gonorrhea Perinatal ²	3	0.8	0	0.0	0	0.0	0	0.0	3	2.2	0	0.0
Hepatitis C	12017	36.9	20	46.3	251	26.8	3	9.7	3992	31.5	33	23.9
Syphilis ¹	3528	10.8	0	0.0	15	1.6	0	0.0	2124	16.8	*	
Congenital Syphilis ²	8	2.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Table 2: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2006

SEXUALLY TRANSMITTED AND BLOODBORNE PATHOGENS	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Acquired Immunodeficiency Syndrome (AIDS)	329	1.0	**		6	0.6	0	0.0
Human Immunodeficiency Virus Infection (HIV)	2547	7.8	584	7.7	101	10.2	2	6.2
Chlamydia ¹	69291	212.7	12855	168.4	4255	428.9	169	523.6
Chlamydia Perinatal ²	0	0.0	0	0.0	0	0.0	0	0.0
Gonorrhea ¹	11313	34.7	1275	16.7	954	96.2	11	34.1
Gonorrhea Perinatal ²	3	0.8	0	0.0	0	0.0	0	0.0
Hepatitis C	12017	36.9	2206	28.9	618	62.3	38	117.7
Syphilis ¹	3528	10.8	618	8.1	25	2.5	0	0.0
Congenital Syphilis ²	8	2.3	0	0.0	0	0.0	0	0.0

n = Number; R = Rate

¹Includes all categories

²Rate expressed as per 100,000 live births in the year

*Cases for PE combined with those of NS

**Data not available

***NU data are preliminary (except AIDS and HIV)

Table 2: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2006

VECTORBORNE AND OTHER ZOOTIC DISEASES	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Anthrax	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Brucellosis	5	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malaria	333	1.0	48	1.4	25	0.6	16	1.4	3	0.4	3	0.6
Plague	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rabies	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tularaemia	11	0.0	1	0.0	2	0.0	1	0.1	0	0.0	0	0.0
West Nile Virus Infection ¹	152	0.5	39	1.1	0	0.0	51	4.3	0	0.0	0	0.0
Yellow Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

VECTORBORNE AND OTHER ZOOTIC DISEASES	National		NT		NS		NU*		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Anthrax	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Brucellosis	5	0.0	0	0.0	0	0.0	2	6.5	2	0.0	0	0.0
Malaria	333	1.0	0	0.0	2	0.2	0	0.0	187	1.5	0	0.0
Plague	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rabies	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tularaemia	11	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
West Nile Virus Infection ¹	152	0.5	0	0.0	0	0.0	0	0.0	41	0.3	0	0.0
Yellow Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

VECTORBORNE AND OTHER ZOOTIC DISEASES	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Anthrax	1	0.0	0	0.0	1	0.1	0	0.0
Brucellosis	5	0.0	0	0.0	0	0.0	0	0.0
Malaria	333	1.0	43	0.6	6	0.6	0	0.0
Plague	0	0.0	0	0.0	0	0.0	0	0.0
Rabies	0	0.0	0	0.0	0	0.0	0	0.0
Tularaemia	11	0.0	6	0.1	1	0.1	0	0.0
West Nile Virus Infection ¹	152	0.5	1	0.0	20	2.0	0	0.0
Yellow Fever	0	0.0	0	0.0	0	0.0	0	0.0

n = Number; R = Rate

¹Includes all categories

*NU data are preliminary

Table 2: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2006

WORLDWIDE POTENTIAL BIOTERRORISM AGENTS	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hemorrhagic Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

WORLDWIDE POTENTIAL BIOTERRORISM AGENTS	National		NT		NS		NU		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hemorrhagic Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

WORLDWIDE POTENTIAL BIOTERRORISM AGENTS	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hemorrhagic Fever	0	0.0	0	0.0	0	0.0	0	0.0

n = Number; R = Rate

Table 3: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2007

ENTERIC, FOOD AND WATERBORNE DISEASES	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Botulism	13	0.0	2	0.1	1	0.0	0	0.0	0	0.0	0	0.0
Campylobacteriosis	9567	29.1	988	28.1	1639	38.0	209	17.5	158	21.2	48	9.5
Cholera	4	0.0	1	0.0	1	0.0	0	0.0	0	0.0	0	0.0
Cryptosporidiosis	864	2.6	213	6.1	88	2.0	61	5.1	7	0.9	1	0.2
Cyclosporiasis	174	0.5	10	0.3	58	1.3	0	0.0	0	0.0	0	0.0
Giardiasis	4213	12.8	519	14.8	649	15.1	84	7.0	91	12.2	23	4.5
Hepatitis A	299	0.9	35	1.0	41	1.0	8	0.7	3	0.4	0	0.0
Invasive Listeriosis	128	0.4	11	0.3	0	0.0	0	0.0	0	0.0	1	0.2
Norovirus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Paralytic Shellfish Poisoning	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Salmonellosis	6145	18.7	831	23.7	769	17.8	188	15.7	128	17.2	39	7.7
Shigellosis	833	2.5	92	2.6	272	6.3	13	1.1	4	0.5	0	0.0
Typhoid	143	0.4	19	0.5	23	0.5	0	0.0	0	0.0	0	0.0
Verotoxigenic <i>E. coli</i> Infection	1065	3.2	253	7.2	183	4.2	42	3.5	25	3.4	4	0.8

ENTERIC, FOOD AND WATERBORNE DISEASES	National		NT		NS		NU*		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Botulism	13	0.0	0	0.0	0	0.0	0	0.0	6	0.0	0	0.0
Campylobacteriosis	9567	29.1	8	18.4	133	14.2	1	3.2	3877	30.3	30	21.7
Cholera	4	0.0	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0
Cryptosporidiosis	864	2.6	0	0.0	13	1.4	0	0.0	406	3.2	0	0.0
Cyclosporiasis	174	0.5	0	0.0	3	0.3	0	0.0	94	0.7	0	0.0
Giardiasis	4213	12.8	5	11.5	74	7.9	9	28.8	1605	12.5	8	5.8
Hepatitis A	299	0.9	0	0.0	5	0.5	2	6.4	120	0.9	0	0.0
Invasive Listeriosis	128	0.4	0	0.0	6	0.6	0	0.0	39	0.3	0	0.0
Norovirus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Paralytic Shellfish Poisoning	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Salmonellosis	6145	18.7	14	32.2	121	12.9	5	16.0	2865	22.4	15	10.9
Shigellosis	833	2.5	0	0.0	6	0.6	0	0.0	234	1.8	0	0.0
Typhoid	143	0.4	0	0.0	0	0.0	0	0.0	86	0.7	0	0.0
Verotoxigenic <i>E. coli</i> Infection	1065	3.2	4	9.2	16	1.7	1	3.2	318	2.5	14	10.1

Table 3: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2007

ENTERIC, FOOD AND WATERBORNE DISEASES	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Botulism	13	0.0	4	0.1	0	0.0	0	0.0
Campylobacteriosis	9567	29.1	2223	28.9	250	25.0	3	9.2
Cholera	4	0.0	1	0.0	0	0.0	0	0.0
Cryptosporidiosis	864	2.6	31	0.4	40	4.0	4	12.3
Cyclosporiasis	174	0.5	8	0.1	1	0.1	0	0.0
Giardiasis	4213	12.8	962	12.5	168	16.8	16	49.1
Hepatitis A	299	0.9	84	1.1	1	0.1	0	0.0
Invasive Listeriosis	128	0.4	63	0.8	7	0.7	1	3.1
Norovirus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Paralytic Shellfish Poisoning	0	0.0	0	0.0	0	0.0	0	0.0
Salmonellosis	6145	18.7	1028	13.4	140	14.0	2	6.1
Shigellosis	833	2.5	200	2.6	10	1.0	2	6.1
Typhoid	143	0.4	15	0.2	0	0.0	0	0.0
Verotoxigenic <i>E. coli</i> Infection	1065	3.2	172	2.2	32	3.2	1	3.1

n = Number; R = Rate

*NU data are preliminary

Table 3: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2007

DISEASES TRANSMITTED BY RESPIRATORY ROUTES	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Hantavirus Pulmonary Syndrome	5	0.0	3	0.1	1	0.0	1	0.1	0	0.0	0	0.0
Invasive Group A Streptococcal Disease	1421	4.3	258	7.3	244	5.7	15	1.3	11	1.5	9	1.8
Invasive Meningococcal Disease	229	0.7	19	0.5	28	0.6	5	0.4	5	0.7	8	1.6
Invasive Pneumococcal Disease	3249	9.9	601	17.1	552	12.8	101	8.5	49	6.6	13	2.6
Laboratory Confirmed Influenza ¹	8133	24.7	1216	34.6	653	15.2	76	6.4	313	42.0	169	33.4
Legionellosis	122	0.4	3	0.1	3	0.1	1	0.1	4	0.5	0	0.0
Leprosy	2	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1578	4.8	112	3.2	277	6.4	103	8.6	5	0.7	7	1.4

DISEASES TRANSMITTED BY RESPIRATORY ROUTES	National		NT		NS		NU**		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Hantavirus Pulmonary Syndrome	5	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Invasive Group A Streptococcal Disease	1421	4.3	8	18.4	25	2.7	3	9.6	505	3.9	3	2.2
Invasive Meningococcal Disease	229	0.7		0.0	4	0.4	1	3.2	62	0.5	0	0.0
Invasive Pneumococcal Disease	3249	9.9	21	48.2	26	2.8	9	28.8	941	7.4	0	0.0
Laboratory Confirmed Influenza ¹	8133	24.7	*		125	13.4	*		2720	21.3	29	21.0
Legionellosis	122	0.4	0	0.0	0	0.0	0	0.0	59	0.5	0	0.0
Leprosy	2	0.0	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1578	4.8	15	34.4	7	0.7	31	99.1	683	5.3	0	0.0

DISEASES TRANSMITTED BY RESPIRATORY ROUTES	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Hantavirus Pulmonary Syndrome	5	0.0	0	0.0	0	0.0	0	0.0
Invasive Group A Streptococcal Disease	1421	4.3	267	3.5	72	7.2	1	3.1
Invasive Meningococcal Disease	229	0.7	90	1.2	7	0.7	0	0.0
Invasive Pneumococcal Disease	3249	9.9	786	10.2	148	14.8	2	6.1
Laboratory Confirmed Influenza ¹	8133	24.7	2514	32.7	318	31.8	*	
Legionellosis	122	0.4	52	0.7	0	0.0	0	0.0
Leprosy	2	0.0	1	0.0	0	0.0	0	0.0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1578	4.8	229	3.0	106	10.6	3	9.2

n = Number; R = Rate

¹Seasonal Data

*Specimens from NT, NU and YT are sent to reference laboratories in other provinces

**NU data are preliminary

Table 3: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2007

DISEASES TRANSMITTED BY DIRECT CONTACT AND THROUGH PROVISION OF HEALTH CARE	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Creutzfeldt-Jakob Disease ¹	38	0.1	-	-	-	-	-	-	-	-	-	-
Group B Streptococcal Disease of the Newborn ²	58	15.8	0	0.0	5	11.5	0	0.0	1	14.0	2	43.9

DISEASES TRANSMITTED BY DIRECT CONTACT AND THROUGH PROVISION OF HEALTH CARE	National		NT		NS		NU		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Creutzfeldt-Jakob Disease ¹	38	0.1	-	-	-	-	-	-	-	-	-	-
Group B Streptococcal Disease of the Newborn ²	58	15.8	0	0.0	0	0.0	0	0.0	43	31.1	0	0.0

DISEASES TRANSMITTED BY DIRECT CONTACT AND THROUGH PROVISION OF HEALTH CARE	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Creutzfeldt-Jakob Disease ¹	38	0.1	-	-	-	-	-	-
Group B Streptococcal Disease of the Newborn ²	58	15.8	0	0.0	7	52.8	0	0.0

n = Number; R = Rate

¹Provincial/Territorial breakdown not available

²Rate expressed as per 100,000 live births in the year

Table 3: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2007

DISEASES PREVENTABLE BY ROUTINE VACCINATION	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Acute Flaccid Paralysis ¹	50	0.9	-	-	-	-	-	-	-	-	-	-
Chickenpox ²	868	4.6	352	10.0	-	-	-	-	43	5.8	169	33.4
Congenital Rubella Syndrome ³	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Diphtheria	4	0.0	0	0.0	1	0.0	3	0.3	0	0.0	0	0.0
Hepatitis B ⁴	1488	4.5	224	6.4	41	1.0	4	0.3	11	1.5	26	5.1
<i>Haemophilus Influenzae</i> Serotype b, Invasive Disease	27	0.1	1	0.0	4	0.1	1	0.1	0	0.0	0	0.0
<i>Haemophilus influenzae</i> non-b, Invasive Disease	91	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Measles	102	0.3	3	0.1	2	0.0	0	0.0	0	0.0	0	0.0
Mumps	1110	3.4	266	7.6	25	0.6	9	0.8	117	15.7	10	2.0
Pertussis	1493	4.5	131	3.7	149	3.5	13	1.1	23	3.1	5	1.0
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rubella	8	0.0	0	0.0	0	0.0	4	0.3	0	0.0	0	0.0
Tetanus	6	0.0	1	0.0	4	0.1	0	0.0	0	0.0	0	0.0

DISEASES PREVENTABLE BY ROUTINE VACCINATION	National		NT		NS		NU*		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Acute Flaccid Paralysis ¹	50	0.9	-	-	-	-	-	-	-	-	-	-
Chickenpox ²	868	4.6	15	34.4	0	0.0	53	169.5	236	1.8	0	0.0
Congenital Rubella Syndrome ³	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Diphtheria	4	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hepatitis B ⁴	1488	4.5	0	0.0	12	1.3	3	9.6	169	1.3	3	2.2
<i>Haemophilus Influenzae</i> Serotype b, Invasive Disease	27	0.1	0	0.0	1	0.1	1	3.2	6	0.0	0	0.0
<i>Haemophilus influenzae</i> non-b, Invasive Disease	91	0.3	0	0.0	0	0.0	12	38.4	0	0.0	0	0.0
Measles	102	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Mumps	1110	3.4	0	0.0	595	63.6	0	0.0	53	0.4	6	4.3
Pertussis	1493	4.5	0	0.0	33	3.5	0	0.0	930	7.3	0	0.0
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rubella	8	0.0	0	0.0	0	0.0	0	0.0	2	0.0	0	0.0
Tetanus	6	0.0	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0

Table 3: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2007

DISEASES PREVENTABLE BY ROUTINE VACCINATION	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Acute Flaccid Paralysis ¹	50	0.9	-	-	-	-	-	-
Chickenpox ²	868	4.6	-	-	-	-	0	0.0
Congenital Rubella Syndrome ³	0	0.0	0	0.0	0	0.0	0	0.0
Diphtheria	4	0.0	0	0.0	0	0.0	0	0.0
Hepatitis B ⁴	1488	4.5	988	12.9	7	0.7	0	0.0
<i>Haemophilus Influenzae</i> Serotype b, Invasive Disease	27	0.1	12	0.2	1	0.1	0	0.0
<i>Haemophilus influenzae</i> non-b, Invasive Disease	91	0.3	79	1.0	0	0.0	0	0.0
Measles	102	0.3	97	1.3	0	0.0	0	0.0
Mumps	1110	3.4	27	0.4	2	0.2	0	0.0
Pertussis	1493	4.5	171	2.2	37	3.7	1	3.1
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0
Rubella	8	0.0	2	0.0	0	0.0	0	0.0
Tetanus	6	0.0	0	0.0	0	0.0	0	0.0

¹Only aggregate numbers displayed. Denominator for rate calculation is population less than 15 years old

²Data from BC, MB, QC and SK not available

³Rate expressed as per 100,000 live births in the year

⁴Includes only acute cases for BC and SK

*NU data are preliminary

Table 3: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2007

SEXUALLY TRANSMITTED AND BLOODBORNE PATHOGENS	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Acquired Immunodeficiency Syndrome (AIDS)	309	0.9	58	1.7	84	1.9	7	0.6	3	0.4	0	0.0
Human Immunodeficiency Virus Infection (HIV)	2459	7.5	226	6.4	391	9.1	75	6.3	13	1.7	0	0.0
Chlamydia ¹	73911	224.4	11194	318.6	10057	233.4	5587	467.9	1187	159.2	510	100.7
Chlamydia Perinatal ²	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gonorrhea ¹	11885	36.1	2193	62.4	1285	29.8	1484	124.3	36	4.8	18	3.6
Gonorrhea Perinatal ²	3	0.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hepatitis C	12043	36.6	1280	36.4	2898	67.2	321	26.9	107	14.4	95	18.8
Syphilis ³	2916	8.9	250	7.1	443	10.3	47	3.9	8	1.1	11	2.2
Congenital Syphilis ²	7	1.9	5	10.2	2	4.6	0	0.0	0	0.0	0	0.0

SEXUALLY TRANSMITTED AND BLOODBORNE PATHOGENS	National		NT		NS		NU***		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Acquired Immunodeficiency Syndrome (AIDS)	309	0.9	0	0.0	6	0.6	0	0.0	145	1.1	*	
Human Immunodeficiency Virus Infection (HIV)	2459	7.5	4	9.2	20	2.1	0	0.0	1068	8.3	*	
Chlamydia ¹	73911	224.4	761	1747.6	1788	191.0	1202	3843.4	23323	182.3	172	124.5
Chlamydia Perinatal ²	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gonorrhea ¹	11885	36.1	222	509.8	75	8.0	149	476.4	3964	31.0	*	
Gonorrhea Perinatal ²	3	0.8	0	0.0	0	0.0	0	0.0	3	2.2	0	0.0
Hepatitis C	12043	36.6	15	34.4	221	23.6	3	9.6	4543	35.5	50	36.2
Syphilis ³	2916	8.9	0	0.0	16	1.7	0	0.0	1732	13.5	*	
Congenital Syphilis ²	7	1.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Table 3: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2007

SEXUALLY TRANSMITTED AND BLOODBORNE PATHOGENS	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Acquired Immunodeficiency Syndrome (AIDS)	309	0.9	**		6	0.6	0	0.0
Human Immunodeficiency Virus Infection (HIV)	2459	7.5	535	7.0	127	12.7	0	0.0
Chlamydia ¹	73911	224.4	13493	175.5	4399	439.8	238	730.4
Chlamydia Perinatal ²	0	0.0	0	0.0	0	0.0	0	0.0
Gonorrhea ¹	11885	36.1	1409	18.3	1033	103.3	17	52.2
Gonorrhea Perinatal ²	3	0.8	0	0.0	0	0.0	0	0.0
Hepatitis C	12043	36.6	1859	24.2	608	60.8	43	132.0
Syphilis ³	2916	8.9	399	5.2	10	1.0	0	0.0
Congenital Syphilis ²	7	1.9	0	0.0	0	0.0	0	0.0

n = Number; R = Rate

¹Includes all categories

²Rate expressed as per 100,000 live births in the year

³Includes all categories except for SK which includes only infectious syphilis cases

*Cases for PE combined with those of NS

**Data not available

***NU data are preliminary (except AIDS and HIV)

Table 3: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2007

VECTORBORNE AND OTHER ZOOTIC DISEASES	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Anthrax	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Brucellosis	10	0.0	1	0.0	1	0.0	1	0.1	0	0.0	0	0.0
Malaria	384	1.2	59	1.7	38	0.9	16	1.3	3	0.4	1	0.2
Plague	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rabies	1	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tularaemia	13	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0
West Nile Virus Infection ¹	2401	7.3	321	9.1	19	0.4	587	49.2	0	0.0	0	0.0
Yellow Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

VECTORBORNE AND OTHER ZOOTIC DISEASES	National		NT		NS		NU*		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Anthrax	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Brucellosis	10	0.0	0	0.0	0	0.0	0	0.0	5	0.0	0	0.0
Malaria	384	1.2	0	0.0	4	0.4	0	0.0	176	1.4	0	0.0
Plague	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rabies	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tularaemia	13	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
West Nile Virus Infection ¹	2401	7.3	0	0.0	0	0.0	0	0.0	15	0.1	0	0.0
Yellow Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

VECTORBORNE AND OTHER ZOOTIC DISEASES	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Anthrax	0	0.0	0	0.0	0	0.0	0	0.0
Brucellosis	10	0.0	2	0.0	0	0.0	0	0.0
Malaria	384	1.2	82	1.1	4	0.4	1	3.1
Plague	0	0.0	0	0.0	0	0.0	0	0.0
Rabies	1	0.0	0	0.0	0	0.0	0	0.0
Tularaemia	13	0.0	6	0.1	6	0.6	0	0.0
West Nile Virus Infection ¹	2401	7.3	2	0.0	1457	145.7	0	0.0
Yellow Fever	0	0.0	0	0.0	0	0.0	0	0.0

n = Number; R = Rate

¹Includes all categories

*NU data are preliminary

Table 3: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2007

WORLDWIDE POTENTIAL BIOTERRORISM AGENTS	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hemorrhagic Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

WORLDWIDE POTENTIAL BIOTERRORISM AGENTS	National		NT		NS		NU		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hemorrhagic Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

WORLDWIDE POTENTIAL BIOTERRORISM AGENTS	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hemorrhagic Fever	0	0.0	0	0.0	0	0.0	0	0.0

n = Number; R = Rate

Table 4: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2008

ENTERIC, FOOD AND WATERBORNE DISEASES	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Botulism	11	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2
Campylobacteriosis	9458	28.4	829	23.1	1635	37.3	215	17.8	144	19.3	33	6.5
Cholera	4	0.0	0	0.0	0	0.0	0	0.0	1	0.1	0	0.0
Cryptosporidiosis	802	2.4	146	4.1	115	2.6	71	5.9	7	0.9	2	0.4
Cyclosporiasis	151	0.5	4	0.1	32	0.7	0	0.0	0	0.0	0	0.0
Giardiasis	4230	12.7	528	14.7	632	14.4	106	8.8	97	13.0	45	8.9
Hepatitis A	298	0.9	49	1.4	39	0.9	13	1.1	4	0.5	0	0.0
Invasive Listeriosis	212	0.6	14	0.4	0	0.0	0	0.0	8	1.1	2	0.4
Norovirus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Paralytic Shellfish Poisoning	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Salmonellosis	6069	18.2	752	20.9	877	20.0	225	18.7	81	10.8	58	11.5
Shigellosis	752	2.3	69	1.9	204	4.7	24	2.0	4	0.5	1	0.2
Typhoid	175	0.5	16	0.4	45	1.0	0	0.0	0	0.0	0	0.0
Verotoxigenic <i>E. coli</i> Infection	760	2.3	138	3.8	114	2.6	34	2.8	6	0.8	4	0.8

ENTERIC, FOOD AND WATERBORNE DISEASES	National		NT		NS		NU*		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Botulism	11	0.0	2	4.6	0	0.0	0	0.0	2	0.0	0	0.0
Campylobacteriosis	9458	28.4	8	18.3	159	17.0	2	6.3	3802	29.4	32	22.9
Cholera	4	0.0	0	0.0	0	0.0	0	0.0	3	0.0	0	0.0
Cryptosporidiosis	802	2.4	2	4.6	12	1.3	1	3.2	335	2.6	2	1.4
Cyclosporiasis	151	0.5	0	0.0	0	0.0	0	0.0	105	0.8	0	0.0
Giardiasis	4230	12.7	6	13.7	107	11.4	6	19.0	1606	12.4	6	4.3
Hepatitis A	298	0.9	0	0.0	4	0.4	0	0.0	115	0.9	0	0.0
Invasive Listeriosis	212	0.6	0	0.0	2	0.2	0	0.0	97	0.7	0	0.0
Norovirus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Paralytic Shellfish Poisoning	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Salmonellosis	6069	18.2	12	27.4	142	15.2	2	6.3	2449	18.9	16	11.5
Shigellosis	752	2.3	0	0.0	4	0.4	0	0.0	239	1.8	0	0.0
Typhoid	175	0.5	0	0.0	0	0.0	0	0.0	96	0.7	0	0.0
Verotoxigenic <i>E. coli</i> Infection	760	2.3	0	0.0	11	1.2	0	0.0	279	2.2	1	0.7

Table 4: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2008

ENTERIC, FOOD AND WATERBORNE DISEASES	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Botulism	11	0.0	6	0.1	0	0.0	0	0.0
Campylobacteriosis	9458	28.4	2413	31.1	184	18.2	2	6.0
Cholera	4	0.0	0	0.0	0	0.0	0	0.0
Cryptosporidiosis	802	2.4	28	0.4	81	8.0	0	0.0
Cyclosporiasis	151	0.5	10	0.1	0	0.0	0	0.0
Giardiasis	4230	12.7	923	11.9	154	15.2	14	42.2
Hepatitis A	298	0.9	72	0.9	2	0.2	0	0.0
Invasive Listeriosis	212	0.6	82	1.1	7	0.7	0	0.0
Norovirus Infection	0	0.0	0	0.0	0	0.0	0	0.0
Paralytic Shellfish Poisoning	0	0.0	0	0.0	0	0.0	0	0.0
Salmonellosis	6069	18.2	1259	16.2	191	18.8	5	15.1
Shigellosis	752	2.3	194	2.5	11	1.1	2	6.0
Typhoid	175	0.5	17	0.2	1	0.1	0	0.0
Verotoxigenic <i>E. coli</i> Infection	760	2.3	157	2.0	14	1.4	2	6.0

n = Number; R = Rate

*NU data are preliminary

Table 4: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2008

DISEASES TRANSMITTED BY RESPIRATORY ROUTES	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Hantavirus Pulmonary Syndrome	3	0.0	2	0.1	0	0.0	0	0.0	0	0.0	0	0.0
Invasive Group A Streptococcal Disease	1472	4.4	223	6.2	260	5.9	17	1.4	19	2.5	3	0.6
Invasive Meningococcal Disease ¹	176	0.6	21	0.6	-	-	3	0.2	7	0.9	9	1.8
Invasive Pneumococcal Disease	3194	9.6	454	12.6	402	9.2	145	12.0	46	6.2	35	6.9
Laboratory Confirmed Influenza ²	12256	36.8	1902	52.9	1066	24.3	128	10.6	301	40.3	218	43.0
Legionellosis	166	0.5	6	0.2	3	0.1	1	0.1	5	0.7	0	0.0
Leprosy	2	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1604	4.8	167	4.6	299	6.8	141	11.7	5	0.7	8	1.6

DISEASES TRANSMITTED BY RESPIRATORY ROUTES	National		NT		NS		NU**		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Hantavirus Pulmonary Syndrome	3	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Invasive Group A Streptococcal Disease	1472	4.4	6	13.7	27	2.9	7	22.1	515	4.0	2	1.4
Invasive Meningococcal Disease ¹	176	0.6	0	0.0	8	0.9	0	0.0	48	0.4	0	0.0
Invasive Pneumococcal Disease	3194	9.6	15	34.3	14	1.5	7	22.1	1065	8.2	0	0.0
Laboratory Confirmed Influenza ²	12256	36.8	*		227	24.2	*		4318	33.4	29	20.8
Legionellosis	166	0.5	0	0.0	0	0.0	0	0.0	81	0.6	0	0.0
Leprosy	2	0.0	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1604	4.8	13	29.7	5	0.5	58	183.4	568	4.4	0	0.0

DISEASES TRANSMITTED BY RESPIRATORY ROUTES	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Hantavirus Pulmonary Syndrome	3	0.0	0	0.0	1	0.1	0	0.0
Invasive Group A Streptococcal Disease	1472	4.4	278	3.6	113	11.1	2	6.0
Invasive Meningococcal Disease ¹	176	0.6	70	0.9	10	1.0	0	0.0
Invasive Pneumococcal Disease	3194	9.6	877	11.3	133	13.1	1	3.0
Laboratory Confirmed Influenza ²	12256	36.8	3390	43.7	677	66.8	*	
Legionellosis	166	0.5	69	0.9	1	0.1	0	0.0
Leprosy	2	0.0	0	0.0	0	0.0	0	0.0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1604	4.8	240	3.1	92	9.1	8	24.1

n = Number; R = Rate

¹BC data not available

²Seasonal Data

*Specimens from NT, NU and YT are sent to reference laboratories in other provinces

**NU data are preliminary

Table 4: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2008

DISEASES TRANSMITTED BY DIRECT CONTACT AND THROUGH PROVISION OF HEALTH CARE	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Creutzfeldt-Jakob Disease ¹	47	0.1	-	-	-	-	-	-	-	-	-	-
Group B Streptococcal Disease of the Newborn ²	74	19.6	0	0.0	7	15.8	0	0.0	4	54.0	1	20.4

DISEASES TRANSMITTED BY DIRECT CONTACT AND THROUGH PROVISION OF HEALTH CARE	National		NT		NS		NU*		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Creutzfeldt-Jakob Disease ¹	47	0.1	-	-	-	-	-	-	-	-	-	-
Group B Streptococcal Disease of the Newborn ²	74	19.6	0	0.0	4	43.5	0	0.0	55	39.1	0	0.0

DISEASES TRANSMITTED BY DIRECT CONTACT AND THROUGH PROVISION OF HEALTH CARE	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Creutzfeldt-Jakob Disease ¹	47	0.1	-	-	-	-	-	-
Group B Streptococcal Disease of the Newborn ²	74	19.6	0	0.0	3	21.8	0	0.0

n = Number; R = Rate

¹Provincial/Territorial breakdown not available

²Rate expressed as per 100,000 live births in the year

*NU data are preliminary

Table 4: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2008

DISEASES PREVENTABLE BY ROUTINE VACCINATION	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Acute Flaccid Paralysis ¹	40	0.7	-	-	-	-	-	-	-	-	-	-
Chickenpox ²	1138	6.0	737	20.5	-	-	-	-	67	9.0	90	17.8
Congenital Rubella Syndrome ³	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Diphtheria	2	0.0	0	0.0	0	0.0	1	0.1	0	0.0	0	0.0
Hepatitis B ⁴	2011	6.0	746	20.7	29	0.7	5	0.4	17	2.3	27	5.3
<i>Haemophilus Influenzae</i> Serotype b, Invasive Disease	45	0.1	0	0.0	12	0.3	2	0.2	0	0.0	1	0.2
<i>Haemophilus influenzae</i> non-b, Invasive Disease	100	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Measles	61	0.2	2	0.1	0	0.0	0	0.0	0	0.0	0	0.0
Mumps	748	2.2	286	8.0	108	2.5	2	0.2	0	0.0	0	0.0
Pertussis	1967	5.9	259	7.2	231	5.3	16	1.3	22	2.9	7	1.4
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rubella	5	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0
Tetanus	1	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0

DISEASES PREVENTABLE BY ROUTINE VACCINATION	National		NT		NS		NU*		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Acute Flaccid Paralysis ¹	40	0.7	-	-	-	-	-	-	-	-	-	-
Chickenpox ²	1138	6.0	37	84.6	0	0.0	3	9.5	204	1.6	0	0.0
Congenital Rubella Syndrome ³	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Diphtheria	2	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hepatitis B ⁴	2011	6.0	0	0.0	24	2.6	3	9.5	144	1.1	5	3.6
<i>Haemophilus Influenzae</i> Serotype b, Invasive Disease	45	0.1	0	0.0	3	0.3	2	6.3	7	0.1	0	0.0
<i>Haemophilus influenzae</i> non-b, Invasive Disease	100	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Measles	61	0.2	0	0.0	0	0.0	0	0.0	58	0.4	0	0.0
Mumps	748	2.2	0	0.0	9	1.0	0	0.0	337	2.6	0	0.0
Pertussis	1967	5.9	0	0.0	19	2.0	6	19.0	833	6.4	0	0.0
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rubella	5	0.0	0	0.0	0	0.0	0	0.0	2	0.0	0	0.0
Tetanus	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Table 4: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2008

DISEASES PREVENTABLE BY ROUTINE VACCINATION	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Acute Flaccid Paralysis ¹	40	0.7	-	-	-	-	-	-
Chickenpox ²	1138	6.0	-	-	-	-	0	0.0
Congenital Rubella Syndrome ³	0	0.0	0	0.0	0	0.0	0	0.0
Diphtheria	2	0.0	0	0.0	1	0.1	0	0.0
Hepatitis B ⁴	2011	6.0	997	12.9	14	1.4	0	0.0
<i>Haemophilus Influenzae</i> Serotype b, Invasive Disease	45	0.1	15	0.2	3	0.3	0	0.0
<i>Haemophilus influenzae</i> non-b, Invasive Disease	100	0.3	100	1.3	0	0.0	0	0.0
Measles	61	0.2	1	0.0	0	0.0	0	0.0
Mumps	748	2.2	6	0.1	0	0.0	0	0.0
Pertussis	1967	5.9	558	7.2	16	1.6	0	0.0
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0
Rubella	5	0.0	2	0.0	0	0.0	0	0.0
Tetanus	1	0.0	0	0.0	0	0.0	0	0.0

¹Only aggregate numbers displayed. Denominator for rate calculation is population less than 15 years old

²Data from BC, MB, QC and SK not available

³Rate expressed as per 100,000 live births in the year

⁴Includes only acute cases for BC and SK

*NU data are preliminary

Table 4: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2008

SEXUALLY TRANSMITTED AND BLOODBORNE PATHOGENS	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Acquired Immunodeficiency Syndrome (AIDS)	312	0.9	58	1.6	91	2.1	6	0.5	1	0.1	0	0.0
Human Immunodeficiency Virus Infection (HIV)	2636	7.9	232	6.5	348	7.9	86	7.1	11	1.5	3	0.6
Chlamydia ¹	82644	248.0	12053	335.2	10697	244.0	6921	573.8	1242	166.2	596	117.7
Chlamydia Perinatal ²	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gonorrhea ¹	12634	37.9	2127	59.2	1429	32.6	1365	113.2	28	3.7	0	0.0
Gonorrhea Perinatal ²	3	0.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hepatitis C	11914	35.7	1210	33.6	2479	56.5	352	29.2	87	11.6	99	19.5
Syphilis ³	2974	8.9	245	6.8	346	7.9	60	5.0	9	1.2	21	4.1
Congenital Syphilis ²	10	2.6	2	3.9	4	9.0	1	6.5	0	0.0	0	0.0

SEXUALLY TRANSMITTED AND BLOODBORNE PATHOGENS	National		NT		NS		NU***		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Acquired Immunodeficiency Syndrome (AIDS)	312	0.9	0	0.0	4	0.4	0	0.0	141	1.1	*	
Human Immunodeficiency Virus Infection (HIV)	2636	7.9	0	0.0	22	2.3	0	0.0	1121	8.7	*	
Chlamydia ¹	82644	248.0	870	1989.9	2032	217.0	1338	4231.1	26261	203.0	158	113.3
Chlamydia Perinatal ²	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gonorrhea ¹	12634	37.9	299	683.9	147	15.7	363	1147.9	3872	29.9	*	
Gonorrhea Perinatal ²	3	0.8	0	0.0	0	0.0	0	0.0	3	2.1	0	0.0
Hepatitis C	11914	35.7	15	34.3	281	30.0	2	6.3	4723	36.5	43	30.8
Syphilis ³	2974	8.9	52	118.9	19	2.0	0	0.0	1570	12.1	*	
Congenital Syphilis ²	10	2.6	1	138.7	2	21.8	0	0.0	0	0.0	0	0.0

Table 4: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2008

SEXUALLY TRANSMITTED AND BLOODBORNE PATHOGENS	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Acquired Immunodeficiency Syndrome (AIDS)	312	0.9	**		11	1.1	0	0.0
Human Immunodeficiency Virus Infection (HIV)	2636	7.9	638	8.2	173	17.1	2	6.0
Chlamydia ¹	82644	248.0	15037	193.9	5202	513.2	237	714.5
Chlamydia Perinatal ²	0	0.0	0	0.0	0	0.0	0	0.0
Gonorrhea ¹	12634	37.9	1653	21.3	1334	131.6	17	51.2
Gonorrhea Perinatal ²	3	0.8	0	0.0	0	0.0	0	0.0
Hepatitis C	11914	35.7	1892	24.4	704	69.5	27	81.4
Syphilis ³	2974	8.9	640	8.3	12	1.2	0	0.0
Congenital Syphilis ²	10	2.6	0	0.0	0	0.0	0	0.0

n = Number; R = Rate

¹Includes all categories

²Rate expressed as per 100,000 live births in the year

³Includes all categories except for SK which includes only infectious syphilis cases

*Cases for PE combined with those of NS

**Data not available

***NU data are preliminary (except AIDS and HIV)

Table 4: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2008

VECTORBORNE AND OTHER ZOOTIC DISEASES	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Anthrax	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Brucellosis	12	0.0	2	0.1	1	0.0	0	0.0	0	0.0	0	0.0
Malaria	372	1.1	49	1.4	35	0.8	12	1.0	2	0.3	0	0.0
Plague	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rabies	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tularaemia	6	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0
West Nile Virus Infection ¹	38	0.1	1	0.0	1	0.0	12	1.0	0	0.0	0	0.0
Yellow Fever	1	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0

VECTORBORNE AND OTHER ZOOTIC DISEASES	National		NT		NS		NU*		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Anthrax	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Brucellosis	12	0.0	0	0.0	0	0.0	0	0.0	5	0.0	0	0.0
Malaria	372	1.1	0	0.0	4	0.4	0	0.0	181	1.4	0	0.0
Plague	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rabies	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tularaemia	6	0.0	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0
West Nile Virus Infection ¹	38	0.1	0	0.0	0	0.0	0	0.0	4	0.0	0	0.0
Yellow Fever	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

VECTORBORNE AND OTHER ZOOTIC DISEASES	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Anthrax	0	0.0	0	0.0	0	0.0	0	0.0
Brucellosis	12	0.0	4	0.1	0	0.0	0	0.0
Malaria	372	1.1	84	1.1	4	0.4	1	3.0
Plague	0	0.0	0	0.0	0	0.0	0	0.0
Rabies	0	0.0	0	0.0	0	0.0	0	0.0
Tularaemia	6	0.0	4	0.1	0	0.0	0	0.0
West Nile Virus Infection ¹	38	0.1	3	0.0	17	1.7	0	0.0
Yellow Fever	1	0.0	0	0.0	0	0.0	0	0.0

n = Number; R = Rate

¹Includes all categories

*NU data are preliminary

Table 4: All Diseases, Number and rate per 100,000 of reported cases National and by Province/Territories, Canada, 2008

WORLDWIDE POTENTIAL BIOTERRORISM AGENTS	National		AB		BC		MB		NB		NL	
	n	R	n	R	n	R	n	R	n	R	n	R
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hemorrhagic Fever	2	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

WORLDWIDE POTENTIAL BIOTERRORISM AGENTS	National		NT		NS		NU		ON		PE	
	n	R	n	R	n	R	n	R	n	R	n	R
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hemorrhagic Fever	2	0.0	0	0.0	0	0.0	0	0.0	2	0.0	0	0.0

WORLDWIDE POTENTIAL BIOTERRORISM AGENTS	National		QC		SK		YT	
	n	R	n	R	n	R	n	R
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0
Viral Hemorrhagic Fever	2	0.0	0	0.0	0	0.0	0	0.0

n = Number; R = Rate

ENTERIC, FOOD AND WATERBORNE DISEASES, 2005-2008

Botulism
Campylobacteriosis
Cholera
Cryptosporidiosis
Cyclosporiasis
Giardiasis
Hepatitis A
Invasive Listeriosis (2007)
Norovirus Infection (2007)
Paralytic Shellfish Poisoning (2007)
Salmonellosis
Shigellosis
Typhoid
Verotoxigenic *Escherichia coli* (*E. coli*) Infection

Table 5: Number and rate (per 100,000 population) of reported cases by age group and sex, 2005

Disease	Age Group (years)																			
	< 1					1 to 4					5 to 9					10 to 14				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Botulism	0	0.0	1	0.6	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Campylobacteriosis	76	43.6	61	37.0	0	457	64.9	331	49.7	0	304	31.8	183	20.1	0	244	22.5	130	12.5	0
Cholera	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Cryptosporidiosis	6	3.4	10	6.1	0	68	9.7	55	8.3	0	52	5.4	42	4.6	0	31	2.9	36	3.5	0
Cyclosporiasis	0	0.0	0	0.0	0	0	0.0	2	0.3	0	0	0.0	0	0.0	0	1	0.1	0	0.0	0
Giardiasis	15	8.6	30	18.2	0	343	48.7	272	40.8	0	214	22.4	147	16.2	1	99	9.1	78	7.5	0
Hepatitis A	0	0.0	1	0.6	0	7	1.0	5	0.8	0	20	2.1	13	1.4	0	26	2.4	11	1.1	1
Invasive Listeriosis ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norovirus Infection ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paralytic Shellfish Poisoning ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	112	64.2	93	56.4	0	330	46.9	312	46.8	0	242	25.3	211	23.2	0	175	16.1	147	14.2	0
Shigellosis	4	2.3	3	1.8	0	54	7.7	47	7.1	0	35	3.7	49	5.4	1	18	1.7	26	2.5	0
Typhoid	1	0.6	0	0.0	0	4	0.6	9	1.4	0	4	0.4	4	0.4	0	7	0.6	6	0.6	0
Verotoxigenic <i>E. coli</i> Infection	4	2.3	7	4.2	0	59	8.4	56	8.4	0	47	4.9	53	5.8	0	49	4.5	20	1.9	0

Disease	Age Group (years)																			
	15 to 19					20 to 24					25 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Botulism	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Campylobacteriosis	412	36.8	255	24.1	1	458	40.1	453	41.5	0	481	44.4	413	38.7	1	765	33.5	632	28.2	1
Cholera	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	0.1	0	0.0	0	0	0.0	0	0.0	0
Cryptosporidiosis	27	2.4	19	1.8	0	23	2.0	27	2.5	0	19	1.8	20	1.9	1	40	1.8	39	1.7	0
Cyclosporiasis	7	0.6	14	1.3	0	10	0.9	11	1.0	0	5	0.5	9	0.8	0	14	0.6	16	0.7	0
Giardiasis	85	7.6	67	6.3	0	176	15.4	174	16.0	0	214	19.7	173	16.2	1	403	17.6	298	13.3	0
Hepatitis A	7	0.6	8	0.8	0	15	1.3	22	2.0	0	15	1.4	14	1.3	0	33	1.4	19	0.8	0
Invasive Listeriosis ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norovirus Infection ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paralytic Shellfish Poisoning ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Disease	Age Group (years)																			
	15 to 19					20 to 24					25 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Salmonellosis	177	15.8	174	16.5	0	276	24.2	269	24.7	0	246	22.7	254	23.8	0	386	16.9	341	15.2	1
Shigellosis	13	1.2	18	1.7	0	29	2.5	52	4.8	1	43	4.0	57	5.3	0	87	3.8	89	4.0	0
Typhoid	9	0.8	3	0.3	0	1	0.1	11	1.0	0	9	0.8	7	0.7	0	8	0.4	4	0.2	0
Verotoxigenic <i>E. coli</i> Infection	44	3.9	24	2.3	0	30	2.6	36	3.3	0	10	0.9	37	3.5	0	20	0.9	30	1.3	0

Disease	Age Group (years)												Total by Sex							
	40 to 59					≥ 60					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	n	n	R	n	R	n
Botulism	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	1	0.0	0		
Campylobacteriosis	1558	32.2	1183	24.3	0	778	30.1	757	23.9	1	4	9	1	5537	34.6	4407	27.1	5		
Cholera	1	0.0	3	0.1	0	0	0.0	3	0.1	0	0	0	0	2	0.0	6	0.0	0		
Cryptosporidiosis	56	1.2	26	0.5	0	6	0.2	5	0.2	0	0	0	0	328	2.1	279	1.7	1		
Cyclosporiasis	36	0.7	45	0.9	0	17	0.7	20	0.6	0	1	0	0	91	0.6	117	0.7	0		
Giardiasis	667	13.8	414	8.5	0	198	7.7	191	6.0	0	1	3	0	2415	15.1	1847	11.4	2		
Hepatitis A	48	1.0	45	0.9	0	21	0.8	30	0.9	0	0	0	0	192	1.2	168	1.0	1		
Invasive Listeriosis ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norovirus Infection ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paralytic Shellfish Poisoning ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	649	13.4	726	14.9	1	378	14.6	494	15.6	1	5	7	0	2976	18.6	3028	18.6	3		
Shigellosis	180	3.7	129	2.7	0	38	1.5	40	1.3	1	0	0	0	501	3.1	510	3.1	3		
Typhoid	7	0.1	10	0.2	0	0	0.0	3	0.1	0	1	0	0	51	0.3	57	0.4	0		
Verotoxigenic <i>E. coli</i> Infection	58	1.2	79	1.6	0	42	1.6	88	2.8	0	4	4	0	367	2.3	434	2.7	0		

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹⁻³ Invasive Listeriosis, Norovirus Infection and Paralytic Shellfish Poisoning became nationally notifiable from 2007

NU data are preliminary

Table 6: Number and rate (per 100,000 population) of reported cases by age group and sex, 2006

Disease	Age Group (years)																			
	< 1					1 to 4					5 to 9					10 to 14				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Botulism	2	1.1	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Campylobacteriosis	70	38.8	43	25.3	0	409	57.4	286	42.6	2	275	29.4	187	21.1	0	268	25.0	132	12.9	0
Cholera	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Cryptosporidiosis	16	8.9	7	4.1	0	109	15.3	90	13.4	0	67	7.2	56	6.3	0	47	4.4	31	3.0	0
Cyclosporiasis	2	1.1	0	0.0	0	3	0.4	0	0.0	0	1	0.1	1	0.1	0	0	0.0	0	0.0	0
Giardiasis	17	9.4	21	12.4	0	306	43.0	272	40.5	1	224	23.9	158	17.8	1	119	11.1	73	7.1	0
Hepatitis A	2	1.1	0	0.0	0	22	3.1	15	2.2	0	32	3.4	40	4.5	0	35	3.3	32	3.1	0
Invasive Listeriosis ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norovirus Infection ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paralytic Shellfish Poisoning ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	97	53.8	100	58.9	0	310	43.5	305	45.4	3	225	24.0	178	20.1	0	189	17.7	90	8.8	0
Shigellosis	2	1.1	2	1.2	0	46	6.5	28	4.2	0	29	3.1	24	2.7	0	16	1.5	15	1.5	0
Typhoid	2	1.1	0	0.0	0	11	1.5	11	1.6	0	5	0.5	10	1.1	1	13	1.2	6	0.6	0
Verotoxigenic <i>E. coli</i> Infection	8	4.4	6	3.5	0	91	12.8	72	10.7	0	64	6.8	47	5.3	0	63	5.9	32	3.1	0

Disease	Age Group (years)																			
	15 to 19					20 to 24					25 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Botulism	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	0.1	0	0.0	0
Campylobacteriosis	396	34.8	221	20.6	0	487	42.2	452	41.1	1	431	39.2	472	43.5	2	764	33.7	684	30.7	1
Cholera	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	0.1	0	0.0	0
Cryptosporidiosis	37	3.3	26	2.4	0	23	2.0	44	4.0	1	21	1.9	37	3.4	0	46	2.0	52	2.3	0
Cyclosporiasis	0	0.0	2	0.2	0	1	0.1	4	0.4	0	7	0.6	7	0.6	0	11	0.5	20	0.9	0
Giardiasis	74	6.5	73	6.8	0	181	15.7	155	14.1	0	203	18.5	163	15.0	0	398	17.6	292	13.1	4
Hepatitis A	13	1.1	18	1.7	0	15	1.3	23	2.1	0	19	1.7	10	0.9	0	32	1.4	30	1.3	0
Invasive Listeriosis ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norovirus Infection ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paralytic Shellfish Poisoning ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Disease	Age Group (years)																			
	15 to 19					20 to 24					25 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Salmonellosis	174	15.3	160	14.9	0	222	19.3	247	22.5	0	181	16.5	237	21.8	0	323	14.3	343	15.4	1
Shigellosis	17	1.5	16	1.5	0	19	1.6	46	4.2	1	21	1.9	36	3.3	0	43	1.9	50	2.2	0
Typhoid	3	0.3	6	0.6	0	8	0.7	7	0.6	0	6	0.5	7	0.6	0	10	0.4	12	0.5	0
Verotoxigenic <i>E. coli</i> Infection	49	4.3	49	4.6	0	45	3.9	51	4.6	0	21	1.9	33	3.0	0	38	1.7	39	1.8	0

Disease	Age Group (years)													Total by Sex					
	40 to 59					≥ 60					Age not specified								
	Males		Females		NS	Males		Females		NS	Males		Females	NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	n	R	n	R	n
Botulism	3	0.1	2	0.0	0	3	0.1	2	0.1	0	0	0	0	10	0.1	4	0.0	0	
Campylobacteriosis	1500	30.5	1255	25.4	2	800	29.9	819	25.2	2	7	13	0	5407	33.5	4564	27.8	10	
Cholera	1	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	3	0.0	0	0.0	0	
Cryptosporidiosis	35	0.7	24	0.5	0	7	0.3	12	0.4	0	1	0	0	409	2.5	379	2.3	1	
Cyclosporiasis	41	0.8	33	0.7	0	11	0.4	13	0.4	0	0	0	0	77	0.5	80	0.5	0	
Giardiasis	651	13.2	385	7.8	0	190	7.1	172	5.3	0	7	3	1	2370	14.7	1767	10.8	7	
Hepatitis A	50	1.0	44	0.9	0	21	0.8	23	0.7	0	0	2	0	241	1.5	237	1.4	0	
Invasive Listeriosis ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Norovirus Infection ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Paralytic Shellfish Poisoning ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Salmonellosis	602	12.2	683	13.8	2	362	13.5	432	13.3	0	4	7	1	2689	16.7	2782	16.9	7	
Shigellosis	79	1.6	100	2.0	0	29	1.1	28	0.9	0	0	0	0	301	1.9	345	2.1	1	
Typhoid	11	0.2	12	0.2	0	5	0.2	1	0.0	0	0	0	0	74	0.5	72	0.4	1	
Verotoxigenic <i>E. coli</i> Infection	69	1.4	113	2.3	0	66	2.5	106	3.3	0	7	10	0	521	3.2	558	3.4	0	

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹⁻³ Invasive Listeriosis, Norovirus Infection and Paralytic Shellfish Poisoning became nationally notifiable from 2007

NU data are preliminary

Table 7: Number and rate (per 100,000 population) of reported cases by age group and sex, 2007

Disease	Age Group (years)																			
	< 1					1 to 4					5 to 9					10 to 14				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Botulism	3	1.6	4	2.3	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Campylobacteriosis	70	37.9	62	35.3	1	394	54.6	285	41.9	0	261	28.2	185	21.1	0	248	23.6	135	13.5	0
Cholera	0	0.0	1	0.6	0	0	0.0	0	0.0	0	1	0.1	0	0.0	0	0	0.0	0	0.0	0
Cryptosporidiosis	8	4.3	7	4.0	0	104	14.4	90	13.2	0	84	9.1	63	7.2	0	64	6.1	42	4.2	0
Cyclosporiasis	0	0.0	0	0.0	0	2	0.3	1	0.1	0	2	0.2	0	0.0	0	0	0.0	0	0.0	0
Giardiasis	13	7.0	20	11.4	0	319	44.2	272	39.9	2	231	25.0	172	19.6	0	117	11.1	92	9.2	0
Hepatitis A	0	0.0	1	0.6	0	7	1.0	8	1.2	0	17	1.8	15	1.7	0	19	1.8	14	1.4	0
Invasive Listeriosis	4	2.2	2	1.1	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Norovirus Infection ¹	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Paralytic Shellfish Poisoning ²	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Salmonellosis	112	60.6	121	69.0	0	355	49.2	299	43.9	0	233	25.2	213	24.3	0	183	17.4	129	12.9	0
Shigellosis	6	3.2	2	1.1	0	44	6.1	29	4.3	0	33	3.6	32	3.7	0	23	2.2	11	1.1	0
Typhoid	0	0.0	2	1.1	0	5	0.7	9	1.3	0	11	1.2	7	0.8	0	5	0.5	3	0.3	0
Verotoxigenic <i>E. coli</i> Infection	16	8.7	1	0.6	0	102	14.1	83	12.2	0	60	6.5	64	7.3	0	58	5.5	26	2.6	0

Disease	Age Group (years)																			
	15 to 19					20 to 24					25 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Botulism	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Campylobacteriosis	389	33.9	204	18.7	1	444	38.1	438	39.6	0	420	37.4	424	38.3	0	729	32.2	623	27.9	1
Cholera	0	0.0	0	0.0	0	0	0.0	1	0.1	0	0	0.0	0	0.0	0	1	0.0	0	0.0	0
Cryptosporidiosis	34	3.0	28	2.6	0	27	2.3	39	3.5	0	31	2.8	45	4.1	0	42	1.9	48	2.1	0
Cyclosporiasis	2	0.2	5	0.5	0	6	0.5	11	1.0	0	8	0.7	10	0.9	0	17	0.8	14	0.6	0
Giardiasis	97	8.4	50	4.6	0	196	16.8	144	13.0	1	191	17.0	167	15.1	1	376	16.6	292	13.1	1
Hepatitis A	19	1.7	3	0.3	0	14	1.2	6	0.5	0	13	1.2	12	1.1	0	16	0.7	12	0.5	0
Invasive Listeriosis	0	0.0	0	0.0	0	0	0.0	1	0.1	0	0	0.0	2	0.2	0	2	0.1	5	0.2	0
Norovirus Infection ¹	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Paralytic Shellfish Poisoning ²	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)														
	15 to 19					20 to 24					25 to 29				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Salmonellosis	217	18.9	226	20.7	0	253	21.7	288	26.0	0	255	22.7	249	22.5	0
Shigellosis	13	1.1	27	2.5	0	26	2.2	42	3.8	1	25	2.2	36	3.2	0
Typhoid	4	0.3	9	0.8	0	7	0.6	6	0.5	0	5	0.4	8	0.7	0
Verotoxigenic <i>E. coli</i> Infection	54	4.7	27	2.5	0	52	4.5	53	4.8	0	38	3.4	34	3.1	0

Disease	Age Group (years)												Total by Sex						
	40 to 59					≥ 60					Age not specified								
	Males		Females		NS	Males		Females		NS	Males		Females	NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	R	n	R	n	
Botulism	2	0.0	1	0.0	0	1	0.0	2	0.1	0	0	0	0	6	0.0	7	0.0	0	
Campylobacteriosis	1411	28.5	1120	22.5	0	888	31.9	829	24.6	0	2	2	1	5256	32.2	4307	25.9	4	
Cholera	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	2	0.0	2	0.0	0	
Cryptosporidiosis	48	1.0	36	0.7	0	11	0.4	12	0.4	0	0	1	0	453	2.8	411	2.5	0	
Cyclosporiasis	24	0.5	33	0.7	0	21	0.8	18	0.5	0	0	0	0	82	0.5	92	0.6	0	
Giardiasis	655	13.2	390	7.9	0	217	7.8	188	5.6	0	4	3	2	2416	14.8	1790	10.8	7	
Hepatitis A	31	0.6	36	0.7	0	21	0.8	35	1.0	0	0	0	0	157	1.0	142	0.9	0	
Invasive Listeriosis	12	0.2	8	0.2	0	44	1.6	48	1.4	0	0	0	0	62	0.4	66	0.4	0	
Norovirus Infection ¹	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0	
Paralytic Shellfish Poisoning ²	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0	
Salmonellosis	633	12.8	730	14.7	1	418	15.0	520	15.5	0	4	0	0	3025	18.5	3117	18.8	3	
Shigellosis	159	3.2	86	1.7	2	46	1.7	46	1.4	0	1	0	0	449	2.8	381	2.3	3	
Typhoid	18	0.4	11	0.2	0	2	0.1	2	0.1	0	0	0	0	74	0.5	69	0.4	0	
Verotoxigenic <i>E. coli</i> Infection	48	1.0	89	1.8	0	66	2.4	122	3.6	0	0	0	0	538	3.3	527	3.2	0	

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹⁻²No reported cases of Norovirus Infection and Paralytic Shellfish Poisoning

NU data are preliminary

Table 8: Number and rate (per 100,000 population) of reported cases by age group and sex, 2008

Disease	Age Group (years)																			
	< 1					1 to 4					5 to 9					10 to 14				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Botulism	2	1.1	1	0.6	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Campylobacteriosis	82	43.2	47	26.1	0	379	51.5	245	35.2	2	192	20.8	173	19.8	1	179	17.4	118	12.0	1
Cholera	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Cryptosporidiosis	10	5.3	10	5.5	0	99	13.5	65	9.3	0	58	6.3	41	4.7	0	33	3.2	28	2.8	0
Cyclosporiasis	0	0.0	0	0.0	0	2	0.3	0	0.0	0	0	0.0	2	0.2	0	2	0.2	1	0.1	0
Giardiasis	17	9.0	16	8.9	0	357	48.5	258	37.1	0	218	23.6	151	17.3	0	116	11.2	81	8.2	0
Hepatitis A	2	1.1	1	0.6	0	9	1.2	12	1.7	0	23	2.5	15	1.7	0	13	1.3	10	1.0	0
Invasive Listeriosis	8	4.2	4	2.2	0	1	0.1	1	0.1	0	0	0.0	1	0.1	0	0	0.0	0	0.0	0
Norovirus Infection ¹	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Paralytic Shellfish Poisoning ²	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Salmonellosis	124	65.3	113	62.7	0	358	48.7	303	43.6	0	221	24.0	192	22.0	1	169	16.4	123	12.5	0
Shigellosis	2	1.1	2	1.1	0	34	4.6	29	4.2	0	39	4.2	15	1.7	0	13	1.3	14	1.4	0
Typhoid	3	1.6	1	0.6	0	16	2.2	10	1.4	0	12	1.3	8	0.9	0	10	1.0	6	0.6	0
Verotoxigenic <i>E. coli</i> Infection	5	2.6	6	3.3	0	49	6.7	42	6.0	0	32	3.5	32	3.7	0	35	3.4	25	2.5	1

Disease	Age Group (years)																			
	15 to 19					20 to 24					25 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Botulism	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	1	0.1	0	0	0.0	1	0.0	0
Campylobacteriosis	366	31.6	195	17.7	1	488	41.6	402	36.1	1	444	38.5	432	38.1	0	655	28.8	593	26.3	0
Cholera	0	0.0	1	0.1	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Cryptosporidiosis	36	3.1	42	3.8	0	29	2.5	62	5.6	1	28	2.4	44	3.9	0	60	2.6	38	1.7	0
Cyclosporiasis	4	0.3	3	0.3	0	1	0.1	5	0.4	0	8	0.7	4	0.4	0	14	0.6	10	0.4	0
Giardiasis	80	6.9	76	6.9	0	164	14.0	163	14.6	0	192	16.6	184	16.2	0	415	18.2	270	12.0	2
Hepatitis A	15	1.3	11	1.0	0	16	1.4	10	0.9	0	15	1.3	8	0.7	0	19	0.8	15	0.7	1
Invasive Listeriosis	2	0.2	0	0.0	0	0	0.0	2	0.2	0	1	0.1	5	0.4	0	1	0.0	17	0.8	0
Norovirus Infection ¹	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Paralytic Shellfish Poisoning ²	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)																			
	15 to 19					20 to 24					25 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Salmonellosis	186	16.1	168	15.3	0	252	21.5	260	23.3	0	246	21.3	266	23.4	0	341	15.0	345	15.3	0
Shigellosis	8	0.7	6	0.5	1	27	2.3	31	2.8	0	27	2.3	32	2.8	0	80	3.5	49	2.2	2
Typhoid	4	0.3	6	0.5	0	6	0.5	4	0.4	0	13	1.1	11	1.0	0	19	0.8	13	0.6	0
Verotoxigenic <i>E. coli</i> Infection	34	2.9	38	3.5	0	37	3.2	39	3.5	0	20	1.7	33	2.9	0	21	0.9	37	1.6	0

Disease	Age Group (years)												Total by Sex							
	40 to 59					≥ 60					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n		n		n	n	R	n	R	n
Botulism	1	0.0	2	0.0	0	3	0.1	0	0.0	0	0	0	0	6	0.0	5	0.0	0		
Campylobacteriosis	1380	27.6	1169	23.4	2	972	33.6	925	26.6	0	11	2	1	5148	31.2	4301	25.6	9		
Cholera	0	0.0	1	0.0	0	0	0.0	2	0.1	0	0	0	0	0	0.0	4	0.0	0		
Cryptosporidiosis	61	1.2	29	0.6	0	10	0.3	17	0.5	0	0	1	0	424	2.6	377	2.2	1		
Cyclosporiasis	40	0.8	30	0.6	0	8	0.3	17	0.5	0	0	0	0	79	0.5	72	0.4	0		
Giardiasis	682	13.7	395	7.9	2	193	6.7	193	5.6	0	1	3	1	2435	14.7	1790	10.7	5		
Hepatitis A	33	0.7	23	0.5	0	20	0.7	27	0.8	0	0	0	0	165	1.0	132	0.8	1		
Invasive Listeriosis	14	0.3	19	0.4	0	65	2.2	70	2.0	1	0	0	0	92	0.6	119	0.7	1		
Norovirus Infection ¹	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0		
Paralytic Shellfish Poisoning ²	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0		
Salmonellosis	703	14.1	743	14.9	1	436	15.1	516	14.9	0	1	1	0	3037	18.4	3030	18.0	2		
Shigellosis	175	3.5	77	1.5	0	44	1.5	45	1.3	0	0	0	0	449	2.7	300	1.8	3		
Typhoid	13	0.3	13	0.3	0	5	0.2	2	0.1	0	0	0	0	101	0.6	74	0.4	0		
Verotoxigenic <i>E. coli</i> Infection	55	1.1	84	1.7	0	45	1.6	89	2.6	0	1	0	0	334	2.0	425	2.5	1		

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹⁻²No reported cases of Norovirus Infection and Paralytic Shellfish Poisoning

NU data are preliminary

Figure 1: Rate of reported cases of Campylobacteriosis in Canada by year, 1999-2008

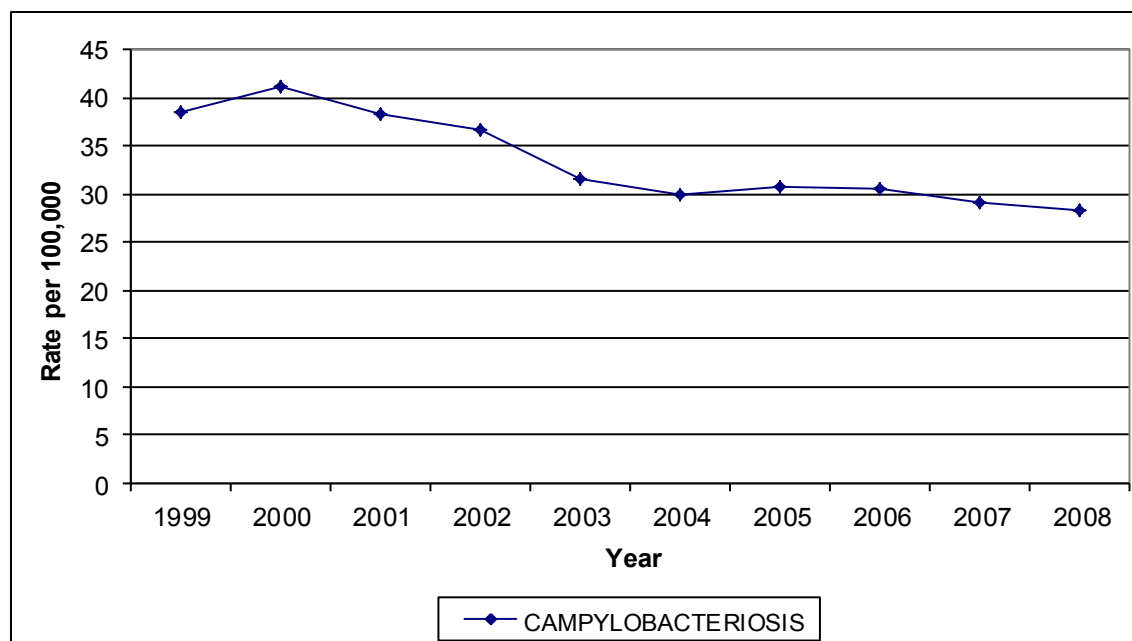
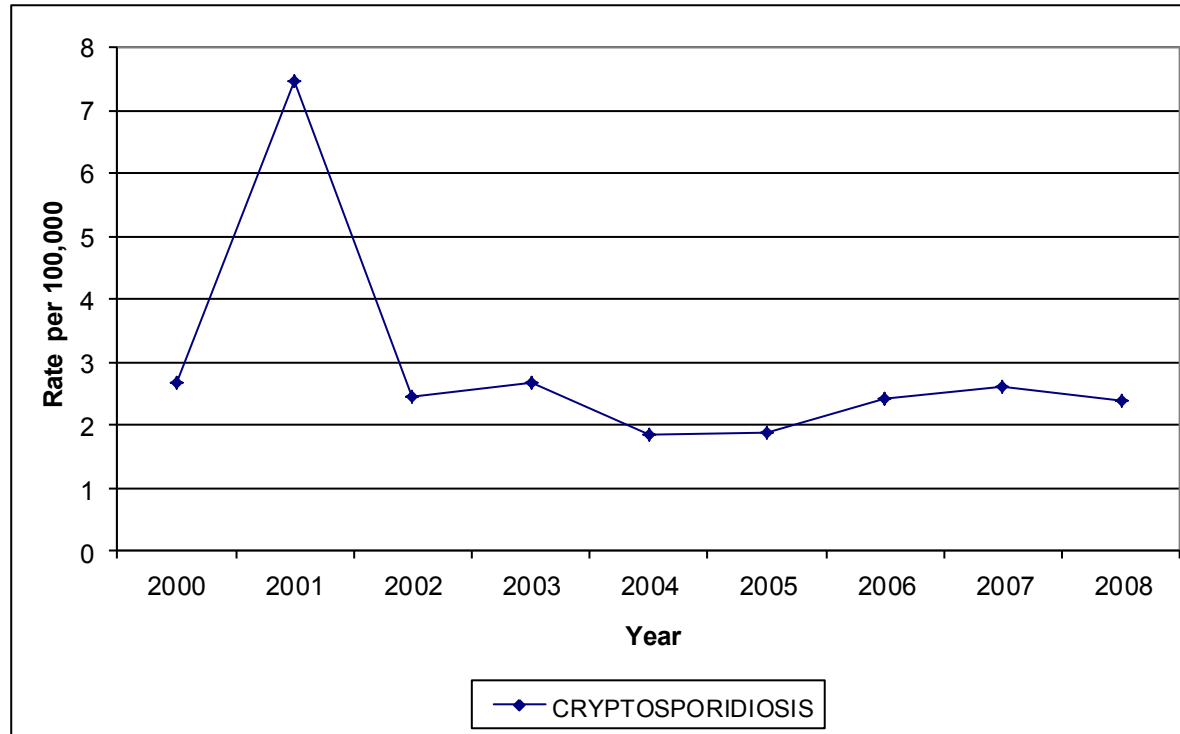
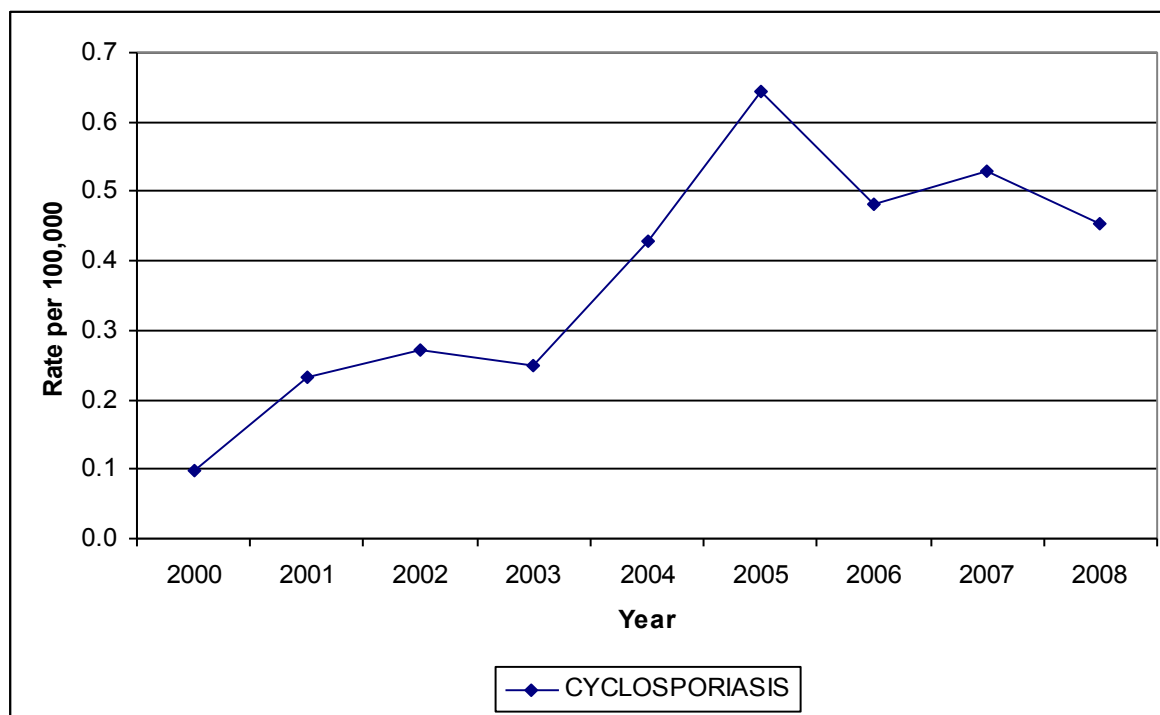


Figure 2: Rate of reported cases of Cryptosporidiosis in Canada by year, 2000-2008



Cryptosporidiosis became notifiable in the year 2000

Figure 3: Rate of reported cases of Cyclosporiasis in Canada by year, 2000-2008



*Cyclosporiasis became notifiable in the year 2000
Rate displayed with 1 decimal*

Figure 4: Rate of reported cases of Giardiasis in Canada by year, 1999-2008

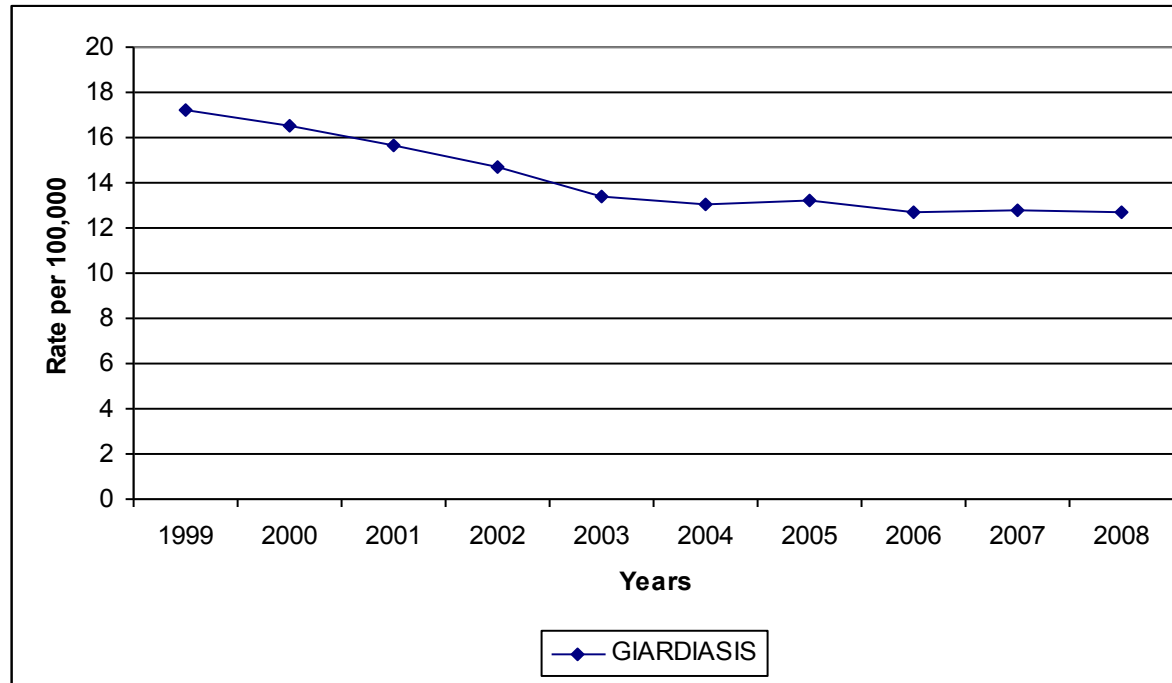
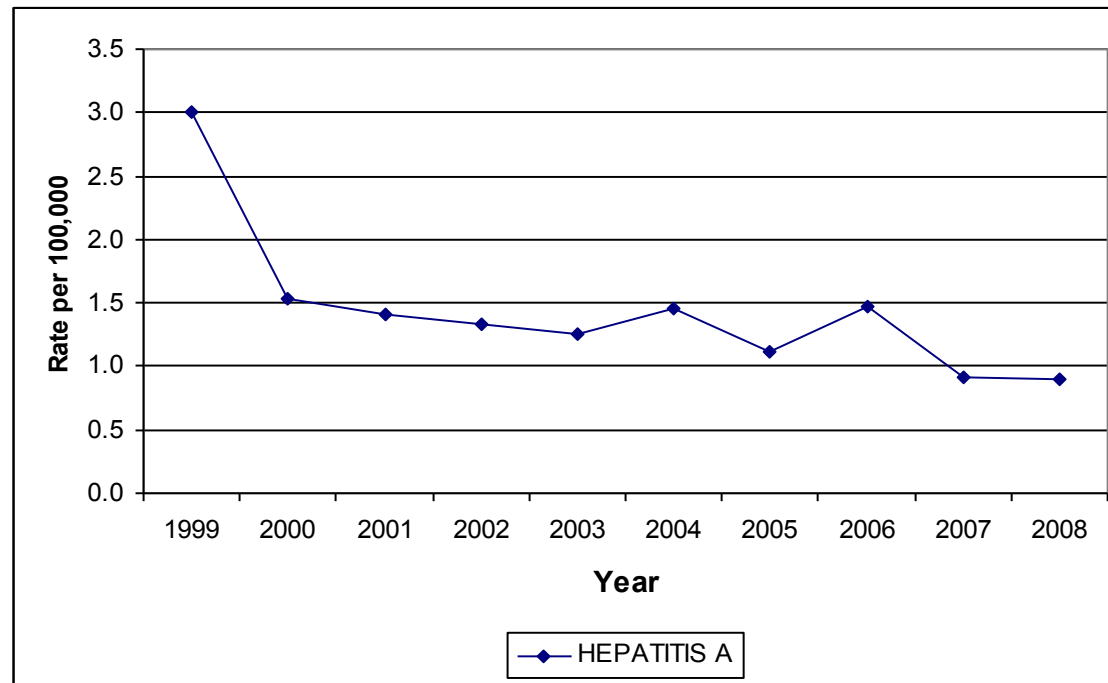


Figure 5: Rate of reported cases of Hepatitis A in Canada by year, 1999-2008



Rate displayed with 1 decimal

Figure 6: Rate of reported cases of Salmonellosis in Canada by year, 1999-2008

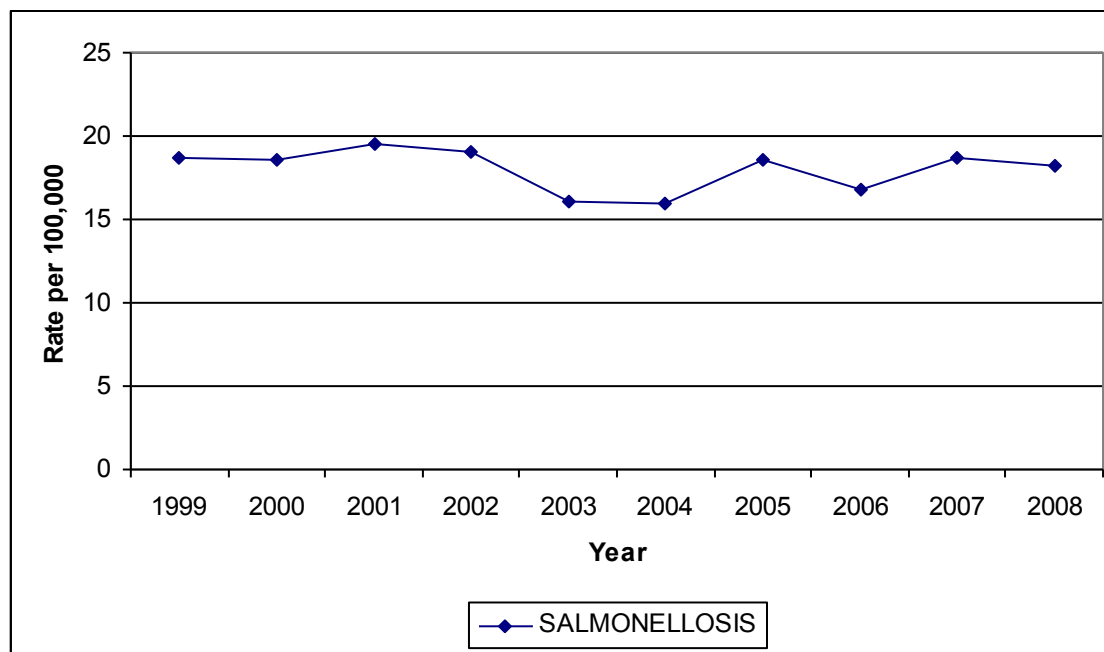
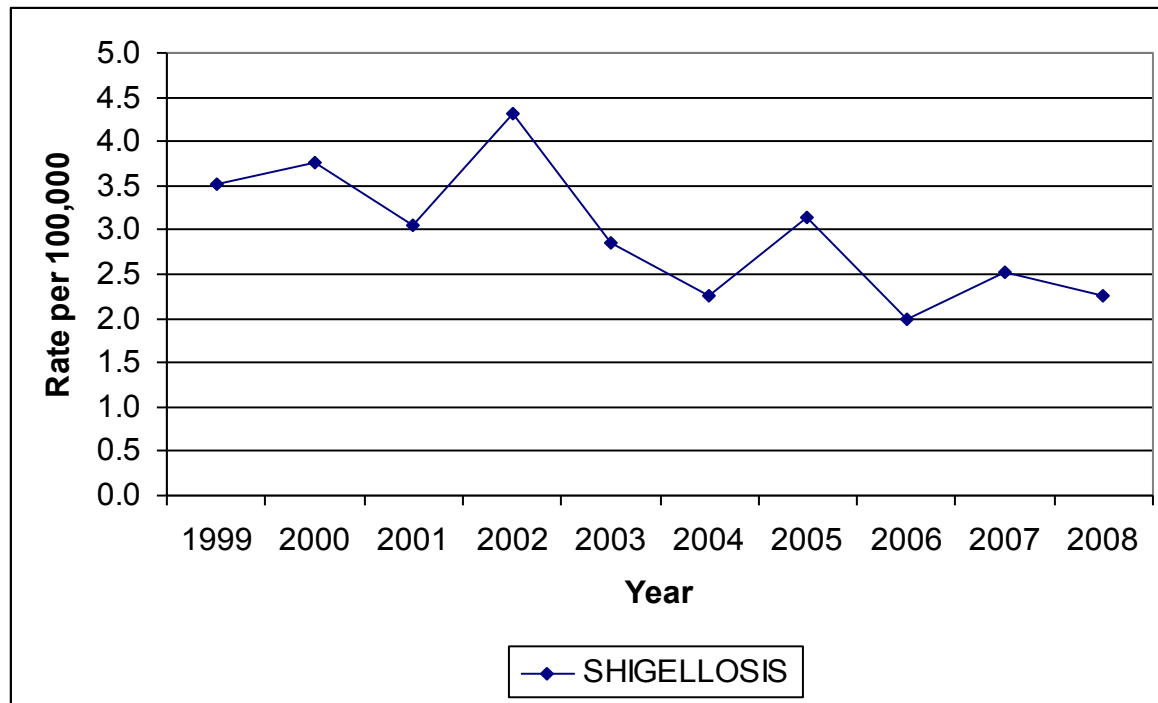
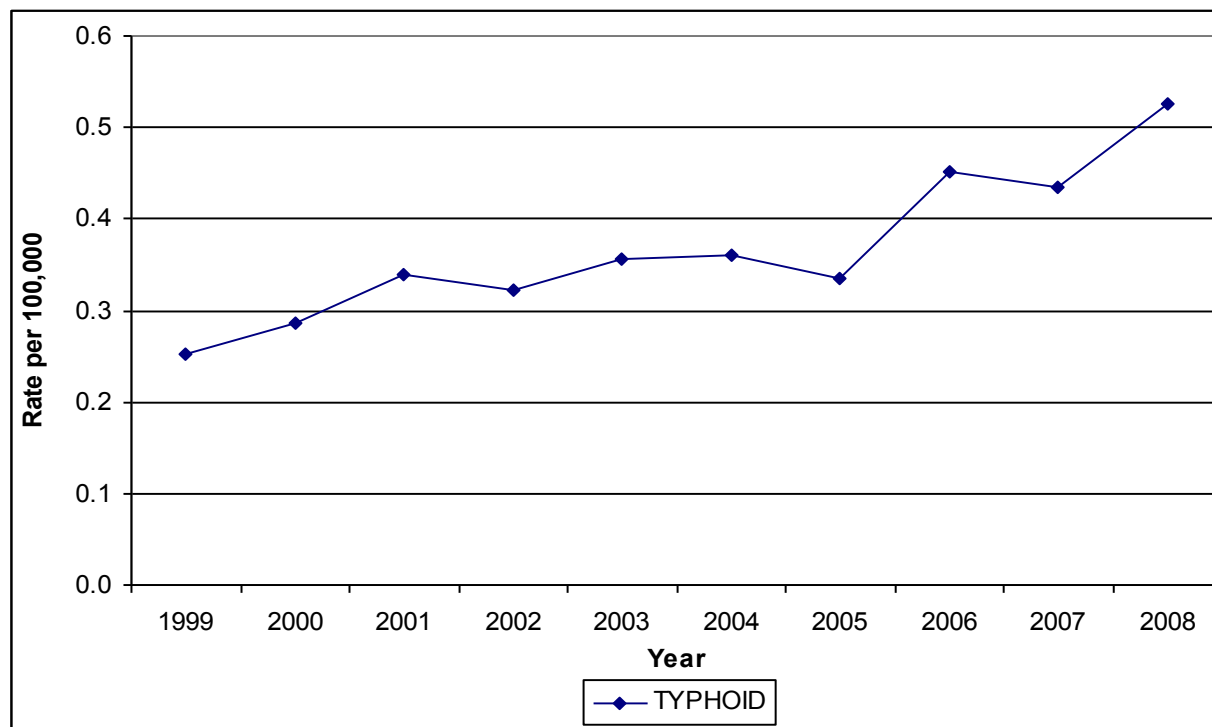


Figure 7: Rate of reported cases of Shigellosis in Canada by year, 1999-2008



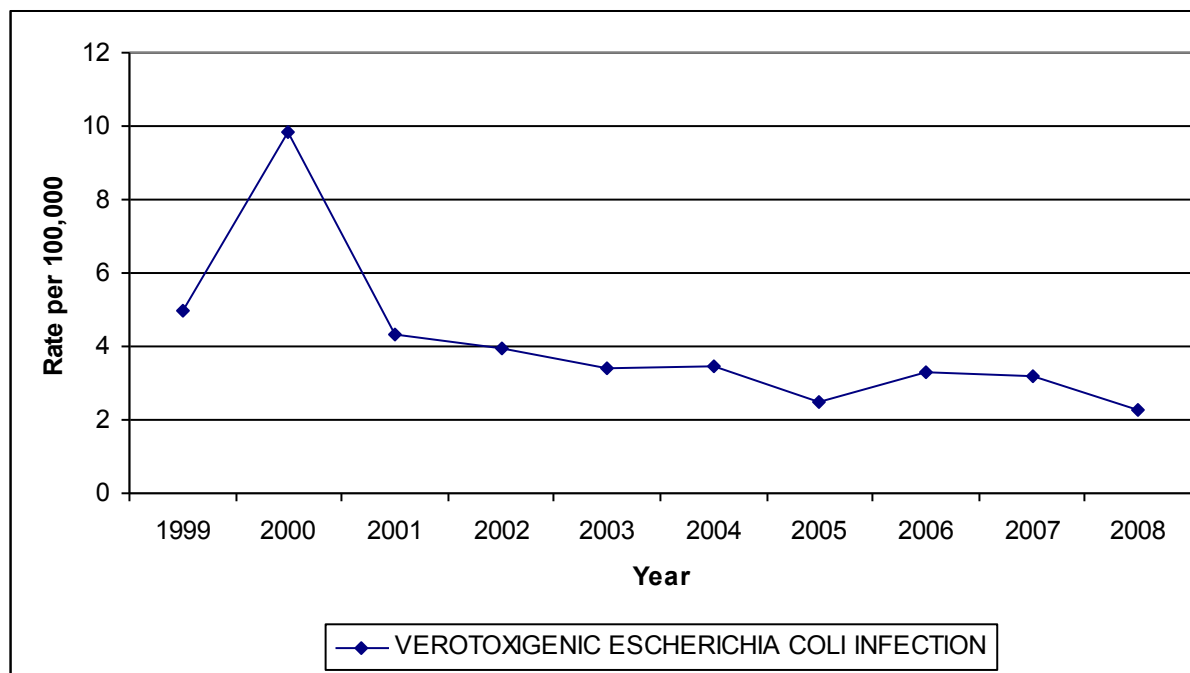
Rate displayed with 1 decimal

Figure 8: Rate of reported cases of Typhoid in Canada by year, 1999-2008



Rate displayed with 1 decimal

Figure 9: Rate of reported cases of Verotoxigenic *E. coli* Infection in Canada by year, 1999-2008



Tables 5-8 show the number and rate of reported cases of diseases in the enteric, food and waterborne disease chapter in Canada, 2005 to 2008, by age group and sex.

Norovirus Infection and Paralytic Shellfish Poisoning became notifiable in 2007. There were no reported cases during the time period 2007-2008.

DISEASES TRANSMITTED BY RESPIRATORY ROUTES, 2005-2008

Hantavirus Pulmonary Syndrome
Invasive Group A Streptococcal Disease
Invasive Meningococcal Disease
Invasive Pneumococcal Disease
Laboratory Confirmed Influenza
Legionellosis
Leprosy
Severe Acute Respiratory Syndrome (SARS)
Tuberculosis

Table 9: Number and rate (per 100,000 population) of reported cases by age group and sex, 2005

Disease	Age Group (years)														
	< 1					1 to 4					5 to 9				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Hantavirus Pulmonary Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	0.1	0	0.0	0
Invasive Group A Streptococcal Disease	14	8.0	8	4.9	0	29	4.1	12	1.8	0	35	3.7	20	2.2	1
Invasive Meningococcal Disease	8	4.6	9	5.5	0	15	2.1	8	1.2	0	7	0.7	7	0.8	0
Invasive Pneumococcal Disease	50	28.7	38	23.1	0	161	22.9	133	20.0	0	56	5.9	41	4.5	0
Laboratory-Confirmed Influenza ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legionellosis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Leprosy	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tuberculosis	3	1.7	6	3.6	0	20	2.8	17	2.6	0	17	1.8	15	1.6	0

Disease	Age Group (years)														
	15 to 19					20 to 24					25 to 29				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Hantavirus Pulmonary Syndrome	0	0.0	0	0.0	0	0	0.0	1	0.1	0	1	0.1	1	0.1	0
Invasive Group A Streptococcal Disease	14	1.3	7	0.7	0	5	0.4	17	1.6	0	19	1.8	44	4.1	0
Invasive Meningococcal Disease	13	1.2	14	1.3	0	14	1.2	11	1.0	0	4	0.4	3	0.3	0
Invasive Pneumococcal Disease	21	1.9	7	0.7	0	38	3.3	20	1.8	0	40	3.7	29	2.7	0
Laboratory-Confirmed Influenza ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legionellosis	1	0.1	1	0.1	0	0	0.0	0	0.0	0	3	0.3	0	0.0	0
Leprosy	0	0.0	1	0.1	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tuberculosis	40	3.6	50	4.7	0	83	7.3	69	6.3	0	76	7.0	70	6.6	0

Disease	Age Group (years)												Total by Sex					
	40 to 59					≥ 60					Age not specified							
	Males		Females		NS	Males		Females		NS	Males	Females	NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	R	n	R	n
Hantavirus Pulmonary Syndrome	1	0.0	1	0.0	0	1	0.0	0	0.0	0	0	0	0	5	0.0	3	0.0	0
Invasive Group A Streptococcal Disease	179	3.7	115	2.4	0	153	5.9	141	4.5	0	0	1	0	555	3.5	468	2.9	2
Invasive Meningococcal Disease	9	0.2	13	0.3	0	13	0.5	12	0.4	0	0	0	0	95	0.6	86	0.5	0
Invasive Pneumococcal Disease	462	9.5	323	6.6	1	581	22.5	589	18.6	3	0	0	1	1552	9.7	1298	8.0	7
Laboratory-Confirmed Influenza ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legionellosis	23	0.5	12	0.2	0	30	1.2	43	1.4	0	0	0	0	58	0.4	56	0.3	0
Leprosy	2	0.0	1	0.0	0	1	0.0	0	0.0	0	0	0	0	4	0.0	3	0.0	0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0
Tuberculosis	244	5.0	172	3.5	0	260	10.1	172	5.4	0	0	0	0	906	5.7	735	4.5	0

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹Only seasonal data available for Influenza - age group and sex breakdown not available

NU data are preliminary

Table 10: Number and rate (per 100,000 population) of reported cases by age group and sex, 2006

Disease	Age Group (years)																			
	< 1					1 to 4					5 to 9					10 to 14				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Hantavirus Pulmonary Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	0.2	0	0.0	0
Invasive Group A Streptococcal Disease	14	7.8	8	4.7	0	35	4.9	18	2.7	0	34	3.6	24	2.7	0	12	1.1	11	1.1	0
Invasive Meningococcal Disease	13	7.2	13	7.7	0	7	1.0	15	2.2	0	6	0.6	2	0.2	0	4	0.4	6	0.6	0
Invasive Pneumococcal Disease	37	20.5	33	19.4	0	105	14.7	84	12.5	1	51	5.4	32	3.6	0	20	1.9	17	1.7	1
Laboratory-Confirmed Influenza ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legionellosis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Leprosy	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tuberculosis	6	3.3	3	1.8	0	24	3.4	23	3.4	0	13	1.4	11	1.2	0	10	0.9	16	1.6	0

Disease	Age Group (years)																			
	15 to 19					20 to 24					25 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Hantavirus Pulmonary Syndrome	0	0.0	1	0.1	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Invasive Group A Streptococcal Disease	6	0.5	14	1.3	0	18	1.6	27	2.5	1	27	2.5	35	3.2	0	124	5.5	104	4.7	1
Invasive Meningococcal Disease	15	1.3	15	1.4	0	15	1.3	13	1.2	0	3	0.3	3	0.3	0	8	0.4	10	0.4	0
Invasive Pneumococcal Disease	19	1.7	21	2.0	0	24	2.1	20	1.8	0	48	4.4	34	3.1	0	169	7.5	135	6.1	0
Laboratory-Confirmed Influenza ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legionellosis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	0.2	0	0.0	0	9	0.4	1	0.0	0
Leprosy	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	1	0.0	0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tuberculosis	53	4.7	48	4.5	0	81	7.0	74	6.7	0	58	5.3	69	6.4	0	142	6.3	143	6.4	0

Disease	Age Group (years)												Total by Sex					
	40 to 59					≥ 60					Age not specified							
	Males		Females		NS	Males		Females		NS	Males	Females	NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	R	n	R	n
Hantavirus Pulmonary Syndrome	1	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	3	0.0	1	0.0	0
Invasive Group A Streptococcal Disease	198	4.0	147	3.0	0	188	7.0	147	4.5	1	0	0	0	656	4.1	535	3.3	3
Invasive Meningococcal Disease	9	0.2	17	0.3	0	12	0.4	17	0.5	0	0	1	0	92	0.6	112	0.7	0
Invasive Pneumococcal Disease	528	10.7	362	7.3	1	555	20.8	575	17.7	2	5	3	1	1561	9.7	1316	8.0	6
Laboratory-Confirmed Influenza ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legionellosis	45	0.9	11	0.2	0	33	1.2	20	0.6	0	0	0	0	89	0.6	32	0.2	0
Leprosy	0	0.0	1	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	2	0.0	0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0
Tuberculosis	236	4.8	190	3.9	0	259	9.7	195	6.0	0	0	0	0	882	5.5	772	4.7	0

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹Only seasonal data available for Influenza - age group and sex breakdown not available

NU data are preliminary

Table 11: Number and rate (per 100,000 population) of reported cases by age group and sex, 2007

Disease	Age Group (years)														
	< 1					1 to 4					5 to 9				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Hantavirus Pulmonary Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Invasive Group A Streptococcal Disease	16	8.7	14	8.0	0	27	3.7	26	3.8	0	25	2.7	31	3.5	0
Invasive Meningococcal Disease	14	7.6	10	5.7	0	16	2.2	12	1.8	0	8	0.9	5	0.6	0
Invasive Pneumococcal Disease	63	34.1	45	25.7	0	129	17.9	92	13.5	0	42	4.5	21	2.4	0
Laboratory-Confirmed Influenza ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legionellosis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Leprosy	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tuberculosis	7	3.8	1	0.6	0	18	2.5	18	2.6	0	17	1.8	11	1.3	0

Disease	Age Group (years)														
	15 to 19					20 to 24					25 to 29				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Hantavirus Pulmonary Syndrome	1	0.1	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Invasive Group A Streptococcal Disease	14	1.2	15	1.4	0	18	1.5	22	2.0	0	28	2.5	45	4.1	1
Invasive Meningococcal Disease	15	1.3	14	1.3	0	14	1.2	10	0.9	0	7	0.6	4	0.4	0
Invasive Pneumococcal Disease	29	2.5	18	1.7	0	51	4.4	26	2.3	0	60	5.3	41	3.7	0
Laboratory-Confirmed Influenza ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legionellosis	1	0.1	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Leprosy	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tuberculosis	39	3.4	36	3.3	0	58	5.0	61	5.5	0	63	5.6	80	7.2	0

Disease	Age Group (years)												Total by Sex					
	40 to 59					≥ 60					Age not specified							
	Males		Females		NS	Males		Females		NS	Males	Females	NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	R	n	R	n
Hantavirus Pulmonary Syndrome	2	0.0	1	0.0	0	0	0.0	0	0.0	0	0	0	0	4	0.0	1	0.0	0
Invasive Group A Streptococcal Disease	254	5.1	175	3.5	0	233	8.4	170	5.1	0	0	0	0	766	4.7	654	3.9	1
Invasive Meningococcal Disease	20	0.4	25	0.5	0	13	0.5	23	0.7	0	0	1	0	121	0.7	108	0.7	0
Invasive Pneumococcal Disease	647	13.1	367	7.4	0	595	21.4	660	19.6	2	1	0	0	1826	11.2	1421	8.6	2
Laboratory-Confirmed Influenza ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legionellosis	36	0.7	23	0.5	0	42	1.5	13	0.4	0	0	0	0	85	0.5	37	0.2	0
Leprosy	1	0.0	1	0.0	0	0	0.0	0	0.0	0	0	0	0	1	0.0	1	0.0	0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0
Tuberculosis	243	4.9	186	3.7	0	256	9.2	185	5.5	0	0	0	0	865	5.3	713	4.3	0

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹Only seasonal data available for Influenza - age group and sex breakdown not available

NU data are preliminary

Table 12: Number and rate (per 100,000 population) of reported cases by age group and sex, 2008

Disease	Age Group (years)																			
	< 1					1 to 4					5 to 9					10 to 14				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Hantavirus Pulmonary Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Invasive Group A Streptococcal Disease	12	6.3	13	7.2	0	30	4.1	34	4.9	0	28	3.0	21	2.4	0	11	1.1	16	1.6	0
Invasive Meningococcal Disease ¹	15	9.0	10	6.3	0	12	1.9	8	1.3	0	2	0.2	1	0.1	0	4	0.4	4	0.5	0
Invasive Pneumococcal Disease	65	34.2	46	25.5	1	129	17.5	108	15.5	0	41	4.4	41	4.7	0	16	1.6	13	1.3	0
Laboratory-Confirmed Influenza ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legionellosis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Leprosy	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tuberculosis	5	2.6	3	1.7	0	18	2.4	12	1.7	0	4	0.4	14	1.6	0	16	1.6	16	1.6	0

Disease	Age Group (years)																			
	15 to 19					20 to 24					25 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Hantavirus Pulmonary Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	1	0.0	0
Invasive Group A Streptococcal Disease	18	1.6	16	1.5	0	24	2.0	41	3.7	0	30	2.6	46	4.1	0	114	5.0	134	6.0	0
Invasive Meningococcal Disease ¹	14	1.4	12	1.2	0	10	1.0	3	0.3	0	3	0.3	5	0.5	0	6	0.3	3	0.2	0
Invasive Pneumococcal Disease	20	1.7	11	1.0	0	36	3.1	25	2.2	0	50	4.3	29	2.6	0	137	6.0	97	4.3	0
Laboratory-Confirmed Influenza ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legionellosis	0	0.0	0	0.0	0	0	0.0	1	0.1	0	3	0.3	0	0.0	0	3	0.1	3	0.1	0
Leprosy	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	0.1	0	0.0	0	0	0.0	0	0.0	0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tuberculosis	35	3.0	39	3.5	0	62	5.3	59	5.3	0	59	5.1	77	6.8	0	151	6.6	153	6.8	0

Disease	Age Group (years)												Total by Sex					
	40 to 59					≥ 60					Age not specified							
	Males		Females		NS	Males		Females		NS	Males	Females	NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	R	n	R	n
Hantavirus Pulmonary Syndrome	2	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	2	0.0	1	0.0	0
Invasive Group A Streptococcal Disease	297	5.9	169	3.4	0	215	7.4	203	5.8	0	0	0	0	779	4.7	693	4.1	0
Invasive Meningococcal Disease ¹	17	0.4	21	0.5	0	12	0.5	14	0.5	0	0	0	0	95	0.7	81	0.6	0
Invasive Pneumococcal Disease	555	11.1	405	8.1	0	672	23.2	695	20.0	2	0	0	0	1721	10.4	1470	8.7	3
Laboratory-Confirmed Influenza ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Legionellosis	48	1.0	28	0.6	0	48	1.7	31	0.9	0	1	0	0	103	0.6	63	0.4	0
Leprosy	1	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	2	0.0	0	0.0	0
Severe Acute Respiratory Syndrome	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0
Tuberculosis	266	5.3	177	3.5	0	258	8.9	180	5.2	0	0	0	0	874	5.3	730	4.3	0

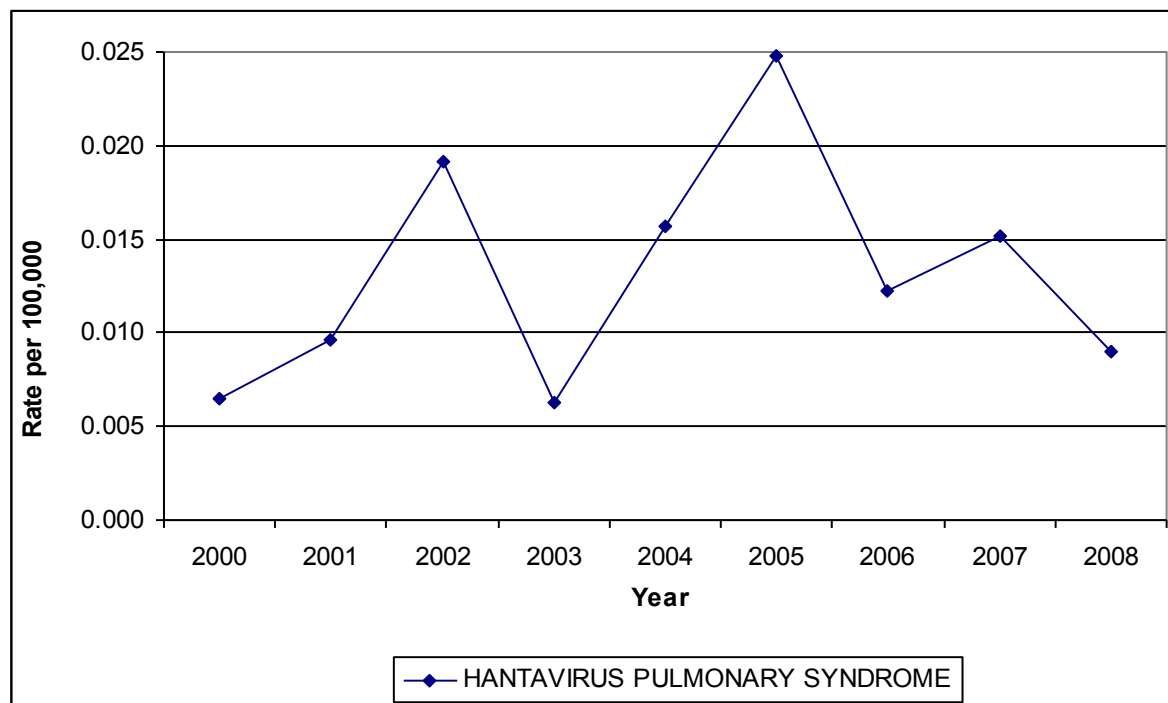
n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹BC data not available

²Only seasonal data available for Influenza - age group and sex breakdown not available

NU data are preliminary

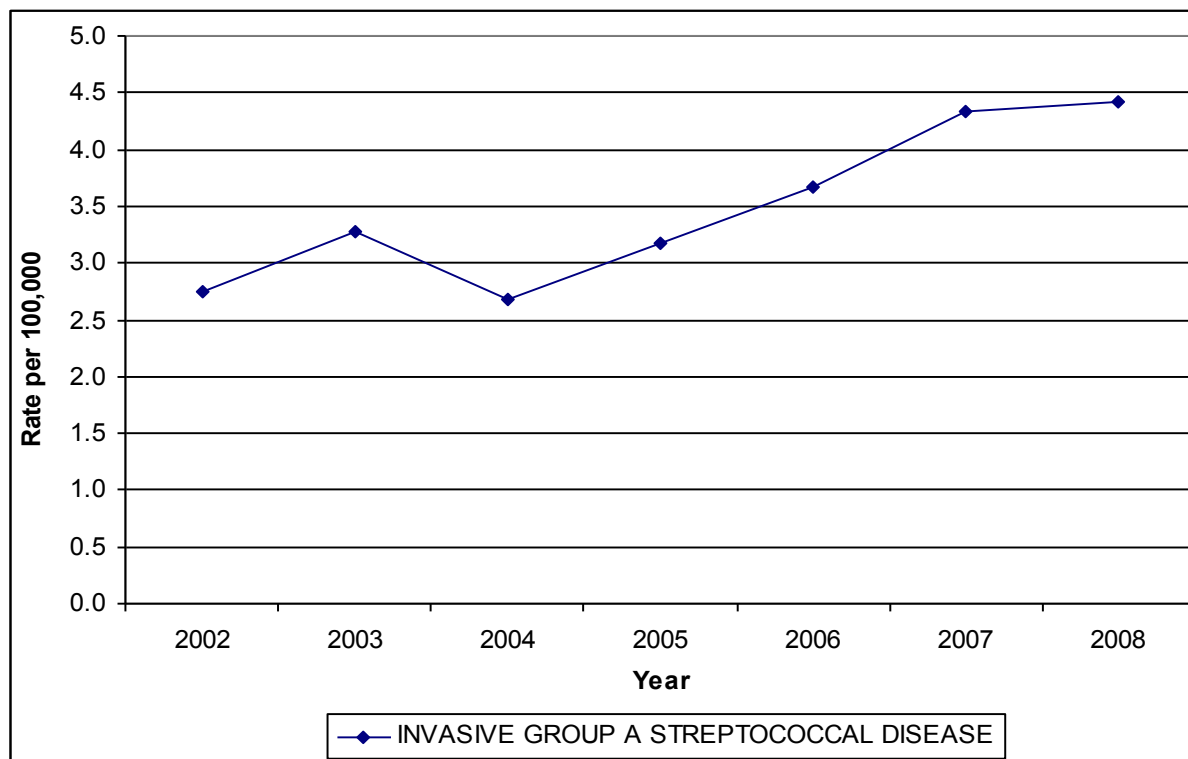
Figure 10: Rate of reported cases of Hantavirus Pulmonary Syndrome in Canada by year, 2000-2008



Rate displayed with 3 decimals

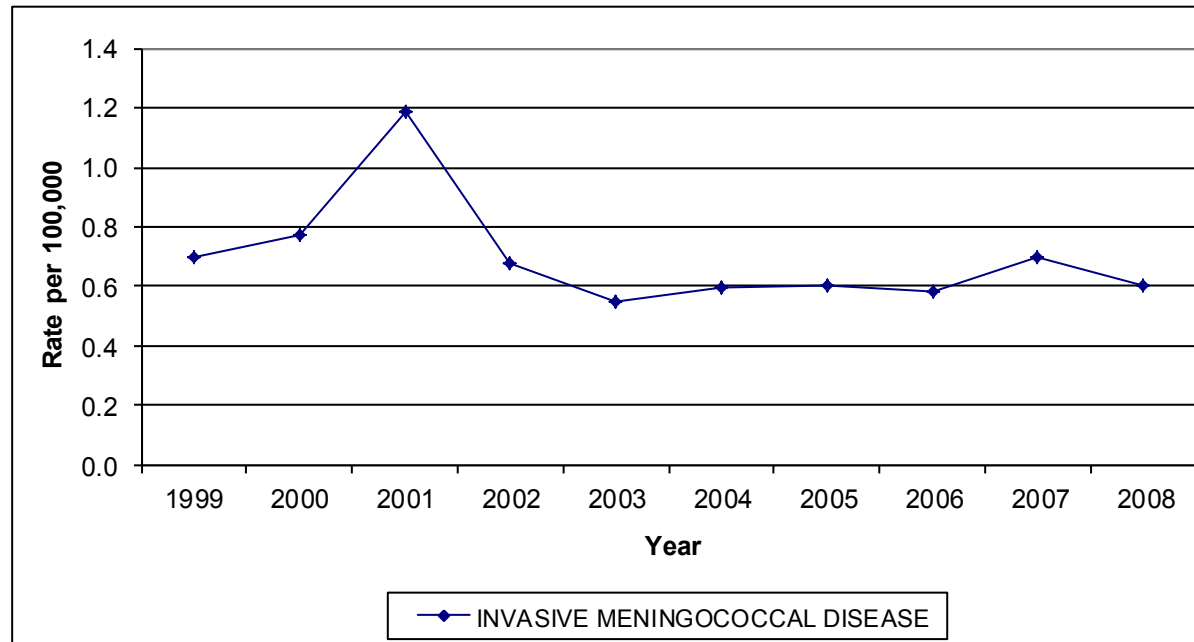
Hantavirus Pulmonary Syndrome became notifiable in the year 2000

Figure 11: Rate of reported cases of Invasive Group A Streptococcal Disease in Canada by year, 2002-2008



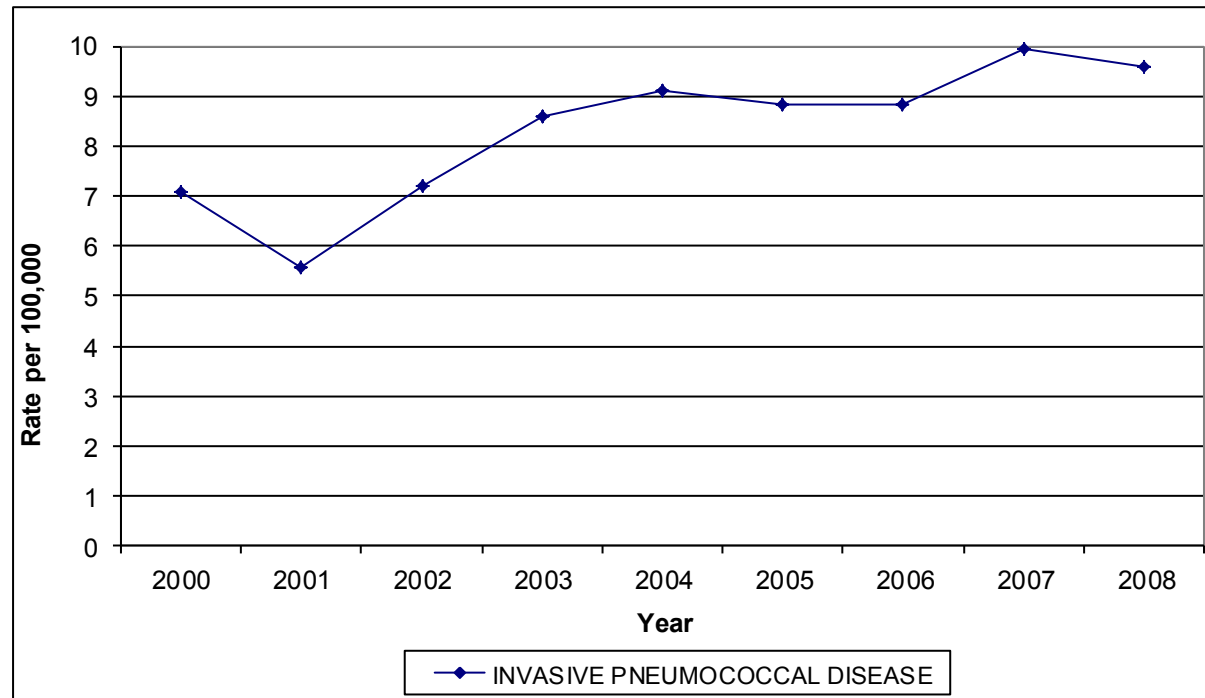
Invasive Group A Streptococcal Disease became notifiable in the year 2002
Rate displayed with 1 decimal

Figure 12: Rate of reported cases of Invasive Meningococcal Disease in Canada by year, 1999-2008



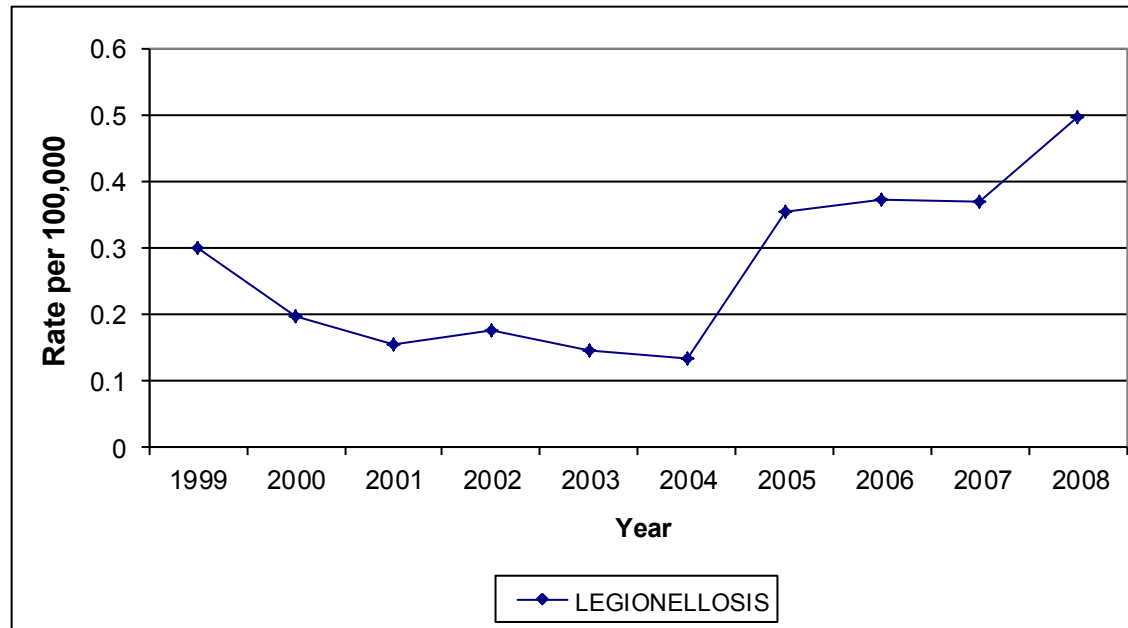
*BC data not available for the year 2008
Rate displayed with 1 decimal*

Figure 13: Rate of reported cases of Invasive Pneumococcal Disease in Canada by year, 2000-2008



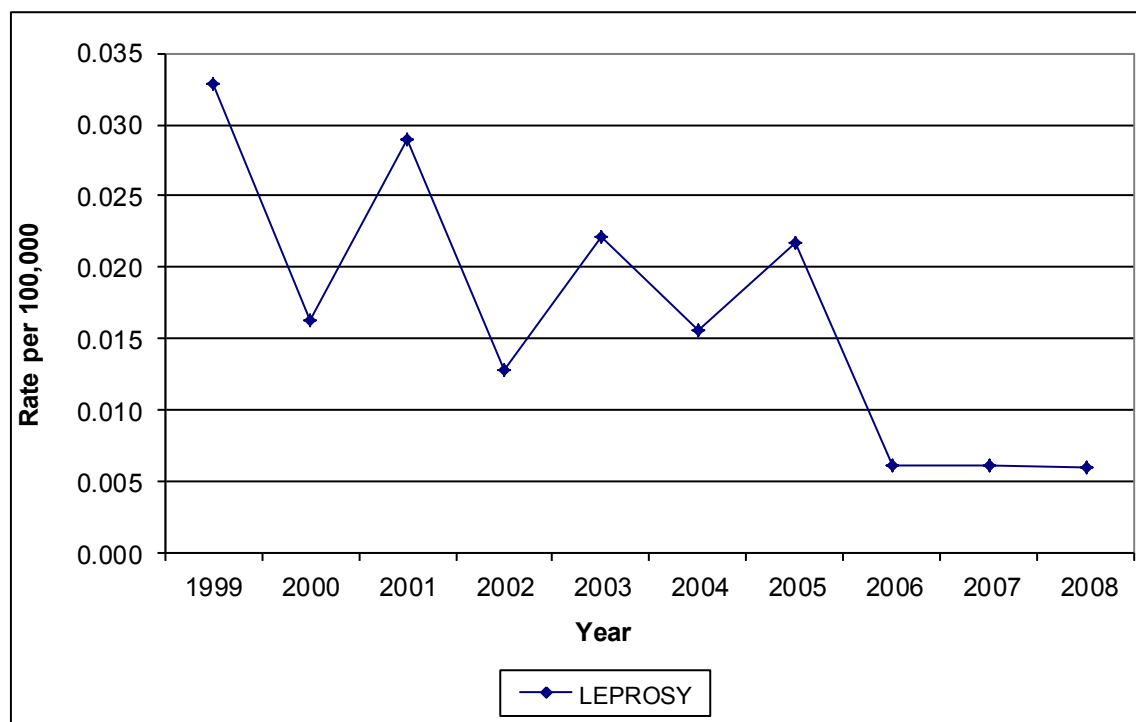
Invasive Pneumococcal Disease became notifiable in the year 2000. Prior to 2000 only Pneumococcal Meningitis was notifiable

Figure 14: Rate of reported cases of Legionellosis in Canada by year, 1999-2008



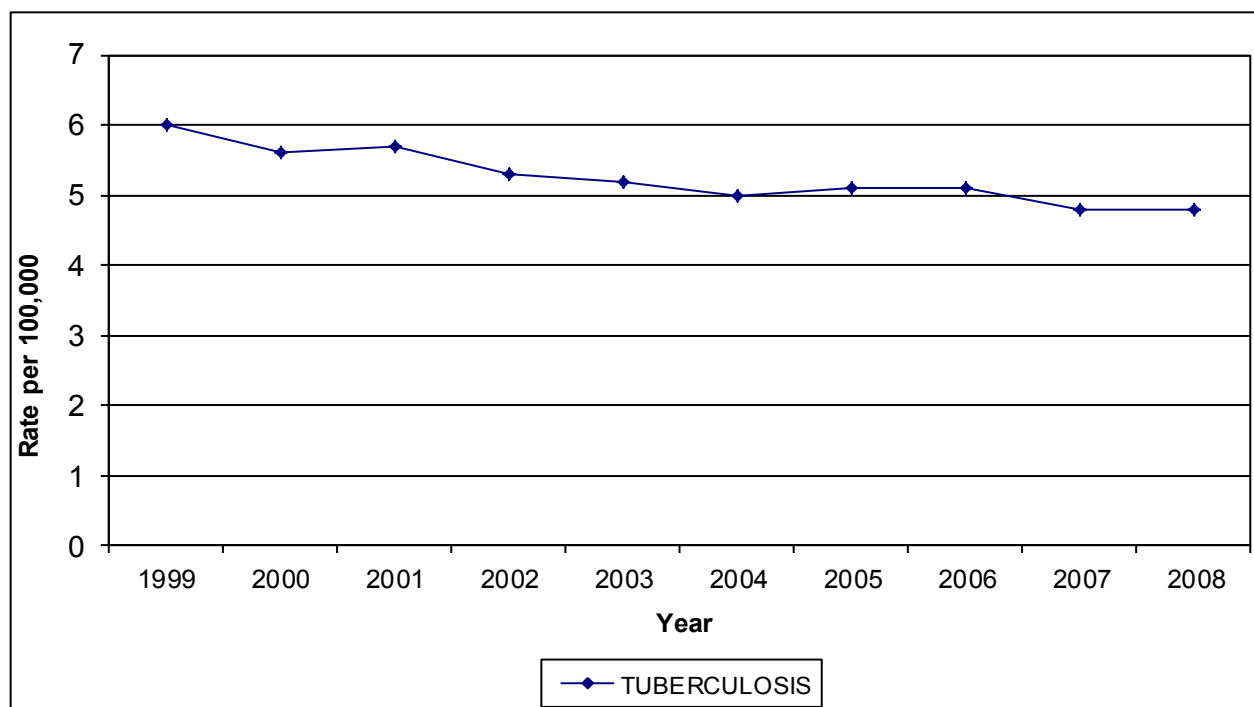
Rate displayed with 1 decimal

Figure 15: Rate of reported cases of Leprosy, 1999-2008



Rate displayed with 3 decimals

Figure 16: Rate of reported cases of Tuberculosis, 1999-2008



Tables 9-12 show the number and rate of reported cases of diseases transmitted by respiratory routes in Canada, 2005 to 2008, by age group and sex. Influenza data are reported seasonally and therefore age group and sex breakdown are unavailable. There were no reported cases of Severe Acute Respiratory Syndrome (SARS) during the period 2005-2008.

DISEASES PREVENTABLE BY ROUTINE VACCINATION, 2005-2008

Acute Flaccid Paralysis (AFP)

Poliomyelitis

Varicella (Chickenpox)

Diphtheria

Haemophilus influenzae Serotype b, Invasive Disease

Haemophilus influenzae non-b, Invasive Disease (2007)

Hepatitis B

Measles

Mumps

Pertussis

Rubella

Congenital Rubella Syndrome (CRS)

Tetanus

Table 13: Number and rate (per 100,000 population) of reported cases by age group and sex, Canada, 2005

Disease	Age Group (years)																			
	< 1					1 to 4					5 to 9					10 to 14				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Acute Flaccid Paralysis ¹	1	0.6	1	0.6	0	13	1.8	10	1.5	0	11	1.2	2	0.2	0	11	1.0	4	0.4	0
Chickenpox ²	45	44.2	50	51.8	4	191	46.2	214	54.7	14	371	66.6	309	58.0	47	91	14.6	93	15.6	4
Diphtheria	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Hepatitis B ³	2	1.1	3	1.8	0	3	0.4	5	0.8	0	7	0.7	1	0.1	0	5	0.5	4	0.4	0
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	3	1.7	3	1.8	0	0	0.0	2	0.3	0	1	0.1	1	0.1	0	0	0.0	1	0.1	0
<i>Haemophilus influenzae</i> non- b, Invasive Disease ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	0	0.0	1	0.6	0	1	0.1	2	0.3	0	0	0.0	0	0.0	0	0	0.0	2	0.2	0
Mumps	1	0.6	0	0.0	0	1	0.1	0	0.0	0	2	0.2	4	0.4	0	4	0.4	8	0.8	0
Pertussis	160	91.8	115	69.8	0	168	23.9	237	35.6	1	144	15.1	177	19.5	0	352	32.4	385	37.1	2
Poliomyelitis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Rubella	0	0.0	0	0.0	0	12	1.7	8	1.2	0	54	5.7	55	6.0	0	67	6.2	46	4.4	1
Tetanus	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)																			
	15 to 19					20 to 24					25 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Acute Flaccid Paralysis ¹	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Chickenpox ²	23	3.5	24	3.9	0	6	0.9	9	1.4	0	8	1.3	11	1.8	1	25	1.9	20	1.5	0
Diphtheria	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Hepatitis B ³	18	1.6	17	1.6	0	60	5.3	68	6.2	1	79	7.3	96	9.0	0	246	10.8	166	7.4	0
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	0	0.0	1	0.1	0	0	0.0	0	0.0	0	1	0.1	0	0.0	0	4	0.2	0	0.0	0
<i>Haemophilus influenzae</i> non- b, Invasive Disease ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	0	0.0	1	0.1	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	1	0.0	0
Mumps	3	0.3	2	0.2	0	14	1.2	5	0.5	0	7	0.6	3	0.3	0	5	0.2	5	0.2	0
Pertussis	91	8.1	108	10.2	0	20	1.8	38	3.5	0	16	1.5	33	3.1	0	51	2.2	116	5.2	0
Poliomyelitis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Rubella	15	1.3	15	1.4	0	2	0.2	7	0.6	0	3	0.3	6	0.6	0	4	0.2	13	0.6	1
Tetanus	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	0.1	0	0.0	0

Disease	Age Group (years)												Total by Sex							
	40 to 59					≥ 60					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	n	n	R	n	R	n
Acute Flaccid Paralysis ¹	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	36	1.2	17	0.6	0		
Chickenpox ²	16	0.6	26	1.0	1	18	1.3	25	1.5	1	5	6	92	799	8.8	787	8.5	164		
Diphtheria	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0		
Hepatitis B ³	377	7.8	139	2.9	1	88	3.4	59	1.9	0	2	2	3	887	5.6	560	3.4	5		
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	6	0.1	2	0.0	0	2	0.1	3	0.1	0	0	0	0	17	0.1	13	0.1	0		
<i>Haemophilus influenzae</i> non- b, Invasive Disease ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Measles	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	1	0.0	7	0.0	0		
Mumps	10	0.2	4	0.1	0	0	0.0	1	0.0	0	0	0	0	47	0.3	32	0.2	0		
Pertussis	96	2.0	139	2.9	0	12	0.5	30	0.9	0	2	0	0	1112	7.0	1378	8.5	3		
Poliomyelitis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0		
Rubella	2	0.0	5	0.1	0	0	0.0	0	0.0	0	1	1	1	160	1.0	156	1.0	3		
Tetanus	1	0.0	0	0.0	0	1	0.0	0	0.0	0	0	0	0	4	0.0	0	0.0	0		

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹Denominator for rate calculation is population less than 15 years old

²Chickenpox data from BC, MB, QC and SK not available

³Includes only acute cases for BC

⁴Invasive *Haemophilus influenzae* non-b disease became notifiable from 2007

NU data are preliminary

Table 14: Number and rate (per 100,000 population) of reported cases by age group and sex, 2006

Disease	Age Group (years)														
	< 1					1 to 4					5 to 9				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Acute Flaccid Paralysis ¹	1	0.6	1	0.6	0	9	1.3	4	0.6	0	5	0.5	6	0.7	0
Chickenpox ²	38	36.0	32	32.3	1	117	27.9	101	25.5	6	186	34.0	160	30.7	4
Diphtheria	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Hepatitis B ³	2	1.1	2	1.2	0	3	0.4	1	0.1	0	5	0.5	3	0.3	0
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	7	3.9	3	1.8	0	2	0.3	1	0.1	0	1	0.1	0	0.0	0
<i>Haemophilus influenzae</i> non- b, Invasive Disease ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	3	1.7	1	0.6	0	1	0.1	2	0.3	0	0	0.0	1	0.1	0
Mumps	0	0.0	1	0.6	0	0	0.0	1	0.1	0	1	0.1	1	0.1	0
Pertussis	194	107.6	162	95.4	3	330	46.3	320	47.6	0	151	16.1	172	19.4	1
Poliomyelitis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Rubella	0	0.0	0	0.0	0	1	0.1	0	0.0	0	0	0.0	0	0.0	0
Tetanus	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)														
	15 to 19					20 to 24					25 to 29				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Acute Flaccid Paralysis ¹	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Chickenpox ²	22	3.3	15	2.4	0	13	1.9	12	1.9	0	14	2.2	22	3.6	0
Diphtheria	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Hepatitis B ³	20	1.8	20	1.9	0	40	3.5	57	5.2	1	94	8.6	135	12.4	0
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	0	0.0	0	0.0	0	1	0.1	0	0.0	0	1	0.1	0	0.0	0
<i>Haemophilus influenzae</i> non- b, Invasive Disease ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	1	0.1	1	0.1	0	1	0.1	0	0.0	0	0	0.0	0	0.0	0
Mumps	2	0.2	3	0.3	0	3	0.3	2	0.2	0	2	0.2	3	0.3	0
Pertussis	59	5.2	65	6.0	1	17	1.5	38	3.5	0	15	1.4	37	3.4	0
Poliomyelitis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Rubella	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	0.1	4	0.4	0
Tetanus	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)												Total by Sex							
	40 to 59					≥ 60					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	n	n	R	n	R	n
Acute Flaccid Paralysis ¹	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	25	0.9	14	0.5	0		
Chickenpox ²	18	0.6	24	0.9	0	22	1.5	24	1.4	0	4	5	38	515	5.6	476	5.1	50		
Diphtheria	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0		
Hepatitis B ³	361	7.3	149	3.0	0	105	3.9	69	2.1	0	0	2	10	862	5.3	684	4.2	11		
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	2	0.0	0	0.0	0	4	0.1	3	0.1	0	0	0	0	21	0.1	11	0.1	0		
<i>Haemophilus influenzae</i> non- b, Invasive Disease ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Measles	1	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	7	0.0	6	0.0	0		
Mumps	3	0.1	3	0.1	0	3	0.1	2	0.1	0	0	0	0	20	0.1	22	0.1	0		
Pertussis	93	1.9	118	2.4	1	23	0.9	20	0.6	0	2	3	0	1138	7.0	1202	7.3	6		
Poliomyelitis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0		
Rubella	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	5	0.0	4	0.0	0		
Tetanus	1	0.0	0	0.0	0	1	0.0	0	0.0	0	0	0	0	2	0.0	0	0.0	0		

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹Denominator for rate calculation is population less than 15 years old

²Chickenpox data from BC, MB, QC and SK not available

³Includes only acute cases for BC

⁴Invasive *Haemophilus influenzae* non-b disease became notifiable from 2007

NU data are preliminary

Table 15: Number and rate (per 100,000 population) of reported cases by age group and sex, 2007

Disease	Age Group (years)														
	< 1					1 to 4					5 to 9				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Acute Flaccid Paralysis ¹	1	0.5	2	1.1	0	11	1.5	8	1.2	0	8	0.9	5	0.6	0
Chickenpox ²	28	26.4	29	28.6	0	98	23.1	72	18.0	0	161	29.7	142	27.6	1
Diphtheria	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Hepatitis B ³	2	1.1	2	1.1	0	3	0.4	1	0.1	0	3	0.3	2	0.2	0
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	3	1.6	3	1.7	0	0	0.0	2	0.3	0	0	0.0	0	0.0	0
<i>Haemophilus influenzae</i> non-b, Invasive Disease	5	2.7	4	2.3	0	4	0.6	4	0.6	0	3	0.3	1	0.1	0
Measles	1	0.5	0	0.0	0	6	0.8	7	1.0	0	16	1.7	20	2.3	0
Mumps	0	0.0	3	1.7	0	3	0.4	5	0.7	0	9	1.0	7	0.8	0
Pertussis	146	79.0	144	82.1	2	203	28.1	177	26.0	0	101	10.9	90	10.3	0
Poliomyelitis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Rubella	0	0.0	0	0.0	0	3	0.4	0	0.0	0	0	0.0	0	0.0	0
Tetanus	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	0.1	0	0.0	0

Disease	Age Group (years)														
	15 to 19					20 to 24					25 to 29				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Acute Flaccid Paralysis ¹	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Chickenpox ²	18	2.7	12	1.9	0	12	1.8	15	2.3	0	7	1.1	11	1.7	0
Diphtheria	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Hepatitis B ³	16	1.4	16	1.5	0	42	3.6	76	6.9	0	64	5.7	114	10.3	0
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	0	0.0	1	0.1	0	0	0.0	1	0.1	0	0	0.0	0	0.0	0
<i>Haemophilus influenzae</i> non-b, Invasive Disease	1	0.1	1	0.1	0	0	0.0	3	0.3	0	1	0.1	4	0.4	0
Measles	2	0.2	3	0.3	0	1	0.1	3	0.3	0	1	0.1	2	0.2	0
Mumps	59	5.1	59	5.4	0	287	24.7	222	20.1	0	105	9.3	72	6.5	0
Pertussis	25	2.2	37	3.4	0	10	0.9	25	2.3	0	7	0.6	28	2.5	0
Poliomyelitis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Rubella	0	0.0	0	0.0	0	1	0.1	0	0.0	0	0	0.0	2	0.2	0
Tetanus	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)												Total by Sex							
	40 to 59					≥ 60					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	n	n	R	n	R	n
Acute Flaccid Paralysis ¹	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	26	0.9	24	0.9	0		
Chickenpox ²	16	0.6	12	0.4	0	20	1.3	24	1.3	0	4	0	49	420	4.5	398	4.2	50		
Diphtheria	1	0.0	1	0.0	0	1	0.0	0	0.0	0	0	0	0	2	0.0	2	0.0	0		
Hepatitis B ³	308	6.2	147	3.0	1	87	3.1	66	2.0	4	0	0	5	782	4.8	694	4.2	12		
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	2	0.0	3	0.1	0	2	0.1	6	0.2	0	0	0	0	9	0.1	18	0.1	0		
<i>Haemophilus influenzae</i> non-b, Invasive Disease	10	0.2	7	0.1	0	14	0.5	18	0.5	0	1	0	0	44	0.3	47	0.3	0		
Measles	2	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	49	0.3	53	0.3	0		
Mumps	26	0.5	52	1.0	0	10	0.4	11	0.3	0	0	0	1	606	3.7	503	3.0	1		
Pertussis	47	0.9	65	1.3	0	8	0.3	20	0.6	0	2	1	0	712	4.4	778	4.7	3		
Poliomyelitis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0		
Rubella	1	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	5	0.0	3	0.0	0		
Tetanus	1	0.0	0	0.0	0	1	0.0	1	0.0	0	0	0	0	4	0.0	2	0.0	0		

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹Denominator for rate calculation is population less than 15 years old

²Chickenpox data from BC, MB, QC and SK not available

³Includes only acute cases for BC and SK

NU data are preliminary

Table 16: Number and rate (per 100,000 population) of reported cases by age group and sex, 2008

Disease	Age Group (years)														
	< 1					1 to 4					5 to 9				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Acute Flaccid Paralysis ¹	0	0.0	1	0.6	0	10	1.4	3	0.4	0	5	0.5	4	0.5	0
Chickenpox ²	46	42.4	28	27.1	0	122	28.4	128	31.5	2	232	42.9	217	42.4	2
Diphtheria	1	0.5	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Hepatitis B ³	2	1.1	2	1.1	0	6	0.8	1	0.1	0	7	0.8	3	0.3	0
<i>Haemophilus influenzae</i>															
Serotype b, Invasive Disease	5	2.6	6	3.3	0	6	0.8	1	0.1	0	1	0.1	1	0.1	0
<i>Haemophilus influenzae</i> non-b, Invasive Disease	4	2.1	4	2.2	0	2	0.3	2	0.3	0	2	0.2	2	0.2	0
Measles	1	0.5	0	0.0	0	4	0.5	3	0.4	0	4	0.4	3	0.3	0
Mumps	0	0.0	2	1.1	0	27	3.7	19	2.7	0	47	5.1	66	7.6	0
Pertussis	173	91.1	175	97.0	0	204	27.7	249	35.8	1	154	16.7	149	17.1	0
Rubella	0	0.0	0	0.0	0	1	0.1	0	0.0	0	0	0.0	0	0.0	0
Poliomyelitis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tetanus	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)														
	15 to 19					20 to 24					25 to 29				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Acute Flaccid Paralysis ¹	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Chickenpox ²	15	2.3	28	4.4	0	8	1.2	8	1.2	0	15	2.3	18	2.8	0
Diphtheria	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Hepatitis B ³	21	1.8	26	2.4	0	66	5.6	95	8.5	0	108	9.4	155	13.7	0
<i>Haemophilus influenzae</i>															
Serotype b, Invasive Disease	0	0.0	0	0.0	0	1	0.1	2	0.2	0	0	0.0	2	0.2	0
<i>Haemophilus influenzae</i> non-b, Invasive Disease	0	0.0	0	0.0	0	1	0.1	0	0.0	0	0	0.0	4	0.4	0
Measles	3	0.3	2	0.2	0	1	0.1	0	0.0	0	1	0.1	4	0.4	0
Mumps	71	6.1	72	6.5	0	49	4.2	47	4.2	0	40	3.5	31	2.7	0
Pertussis	48	4.1	39	3.5	0	15	1.3	35	3.1	0	14	1.2	20	1.8	0
Rubella	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	2	0.2	0
Poliomyelitis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tetanus	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)												Total by Sex							
	40 to 59					≥ 60					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	n	n	R	n	R	n
Acute Flaccid Paralysis ¹	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	23	0.8	17	0.6	0		
Chickenpox ²	31	1.1	24	0.8	0	14	0.9	19	1.0	0	0	2	0	585	6.2	548	5.7	5		
Diphtheria	0	0.0	0	0.0	0	0	0.0	1	0.0	0	0	0	0	1	0.0	1	0.0	0		
Hepatitis B ³	467	9.4	220	4.4	1	136	4.7	65	1.9	0	3	1	5	1121	6.8	884	5.3	6		
<i>Haemophilus influenzae</i> Serotype b, Invasive Disease	5	0.1	4	0.1	0	7	0.2	2	0.1	0	0	0	0	26	0.2	19	0.1	0		
<i>Haemophilus influenzae</i> non-b, Invasive Disease	10	0.2	11	0.2	0	26	0.9	24	0.7	0	0	0	0	49	0.3	51	0.3	0		
Measles	4	0.1	4	0.1	0	0	0.0	0	0.0	0	0	0	0	36	0.2	25	0.1	0		
Mumps	24	0.5	26	0.5	0	5	0.2	2	0.1	0	1	0	0	387	2.3	361	2.1	0		
Pertussis	65	1.3	96	1.9	0	20	0.7	16	0.5	0	1	1	0	918	5.6	1046	6.2	3		
Rubella	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	2	0.0	3	0.0	0		
Poliomyelitis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0		
Tetanus	0	0.0	1	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	1	0.0	0		

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

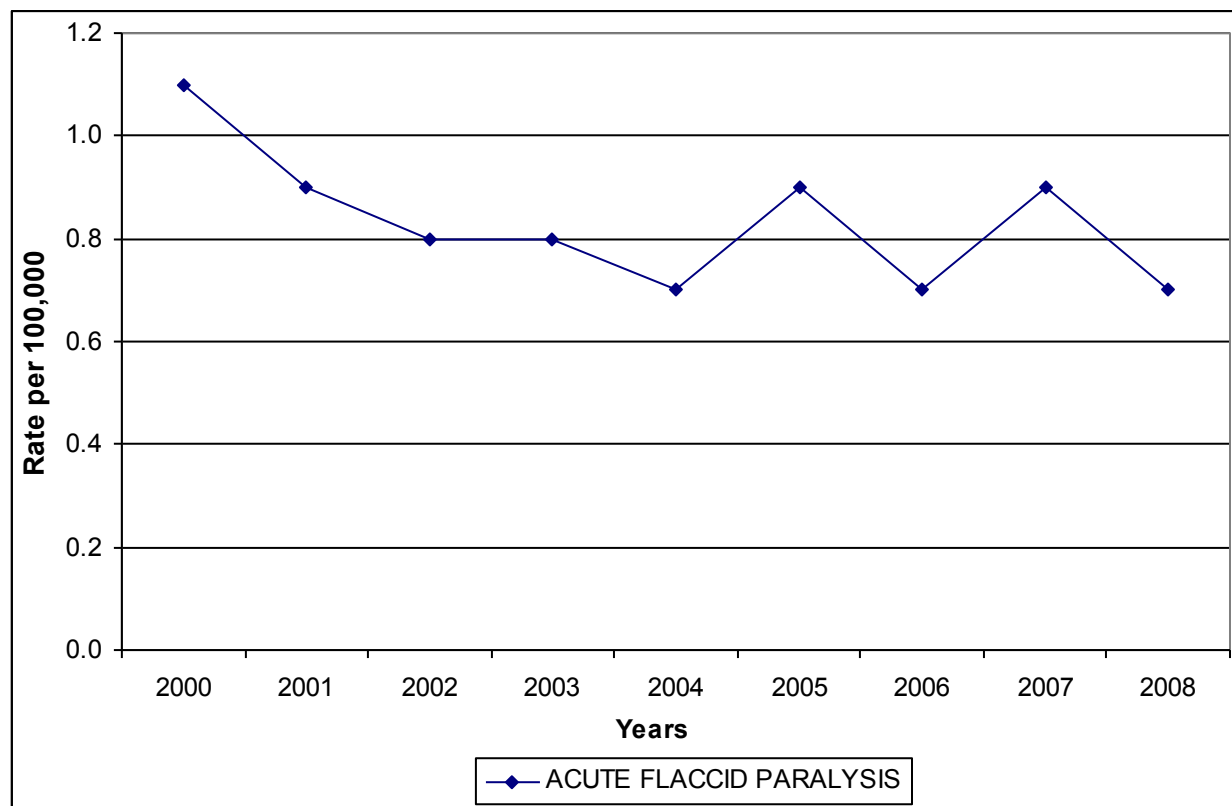
¹Denominator for rate calculation is population less than 15 years old

²Chickenpox data from BC, MB, QC and SK not available

³Includes only acute cases for BC and SK

NU data are preliminary

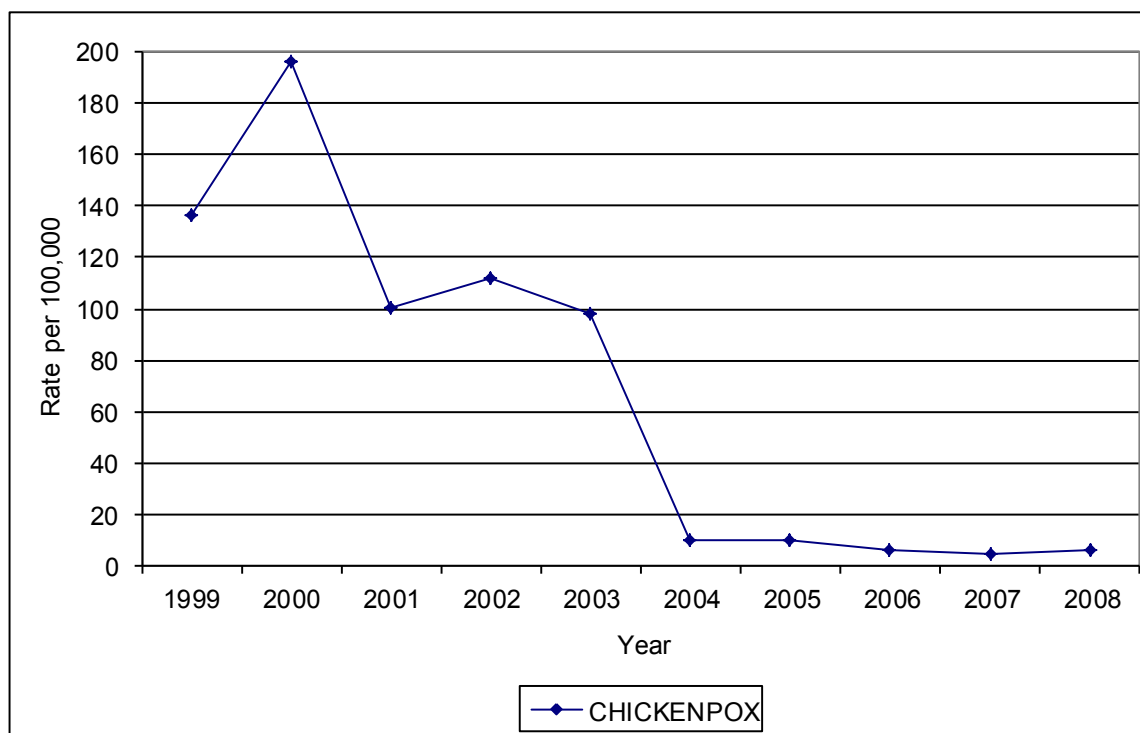
Figure 17: Rate of reported cases of Acute Flaccid Paralysis in Canada by year, 2000-2008



Rate displayed with 1 decimal

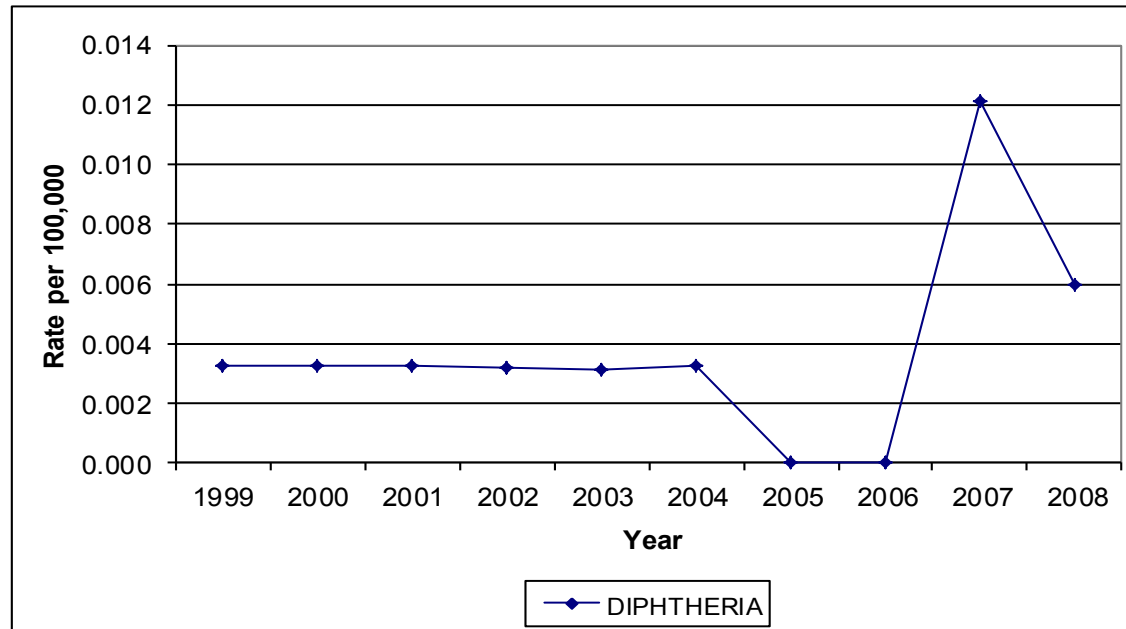
Denominator for rate calculation is population <15 years old

Figure 18: Rate of reported cases of Chickenpox in Canada by year, 1999-2008



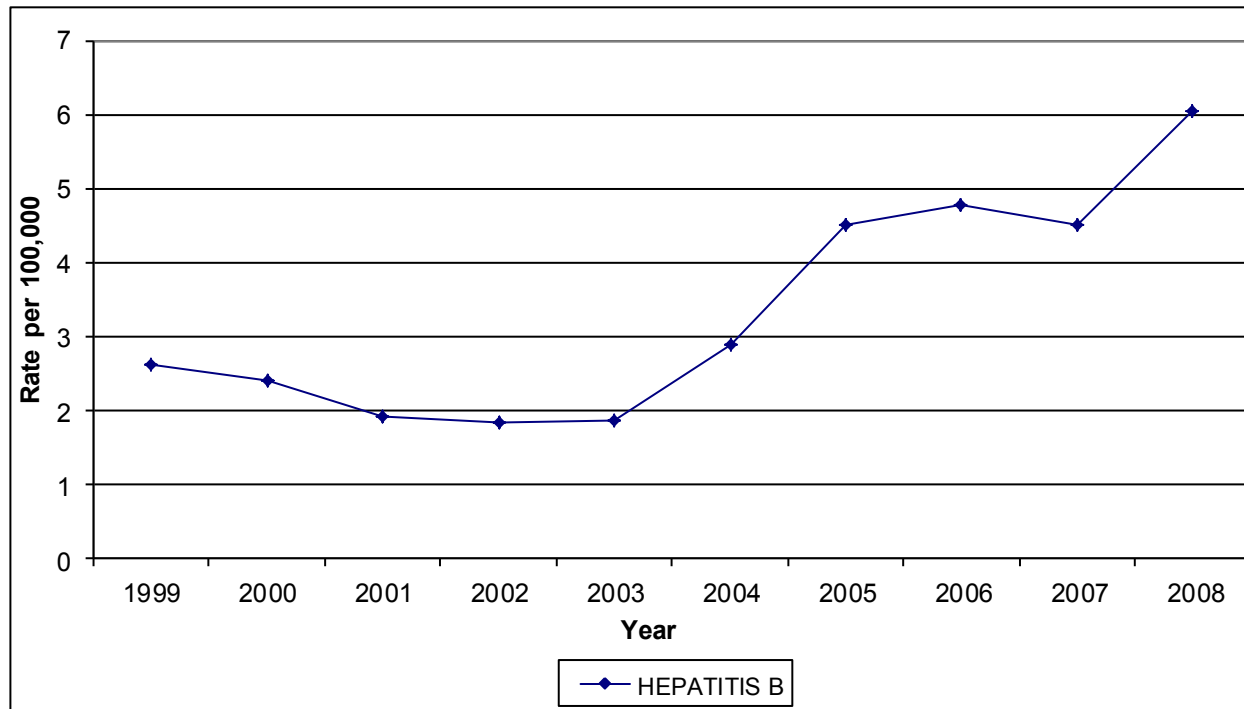
BC, MB, QC and SK data not available

Figure 19: Rate of reported cases of Diphtheria in Canada by year, 1999-2008



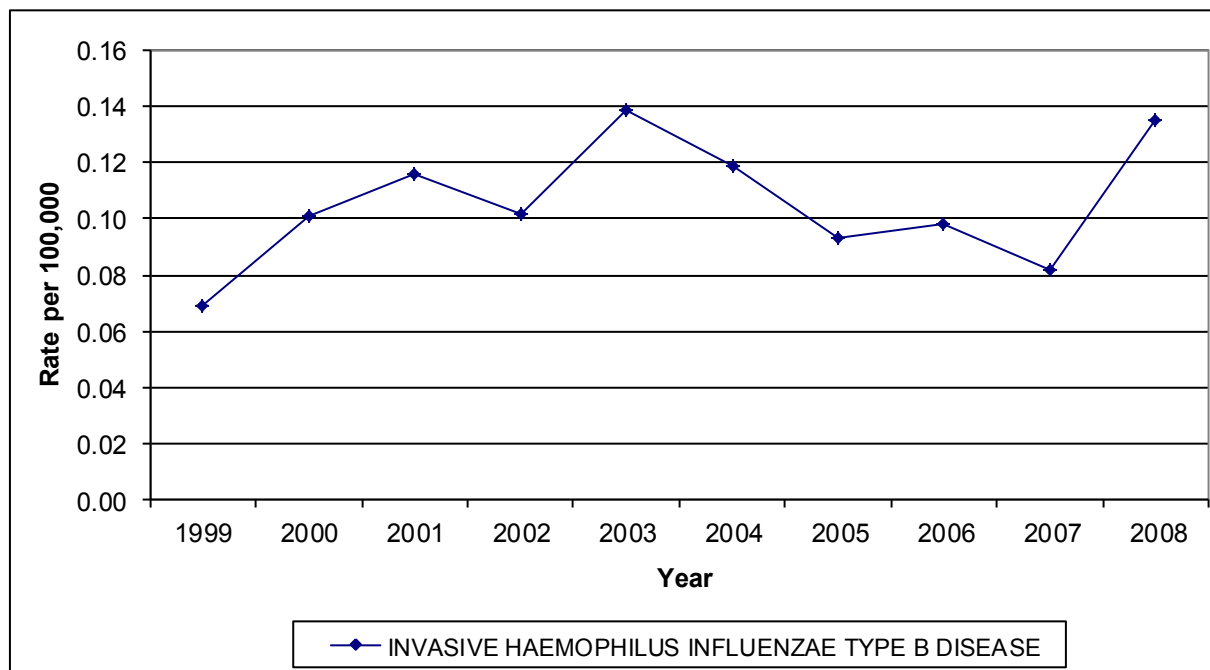
Rate displayed with 3 decimals

Figure 20: Rate of reported cases of Hepatitis B in Canada by year, 1999-2008



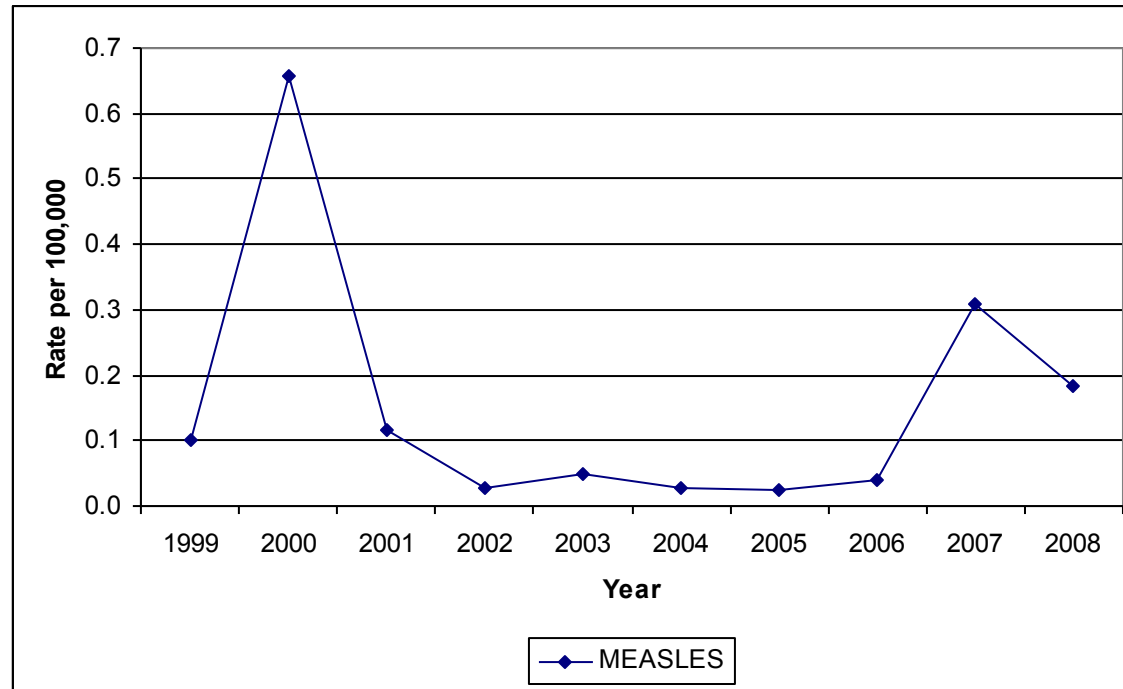
Only acute cases for BC (2005 to 2008) and SK (2007 to 2008) included

Figure 21: Rate of reported cases of Invasive *Haemophilus influenzae* Type B disease in Canada by year, 1999-2008



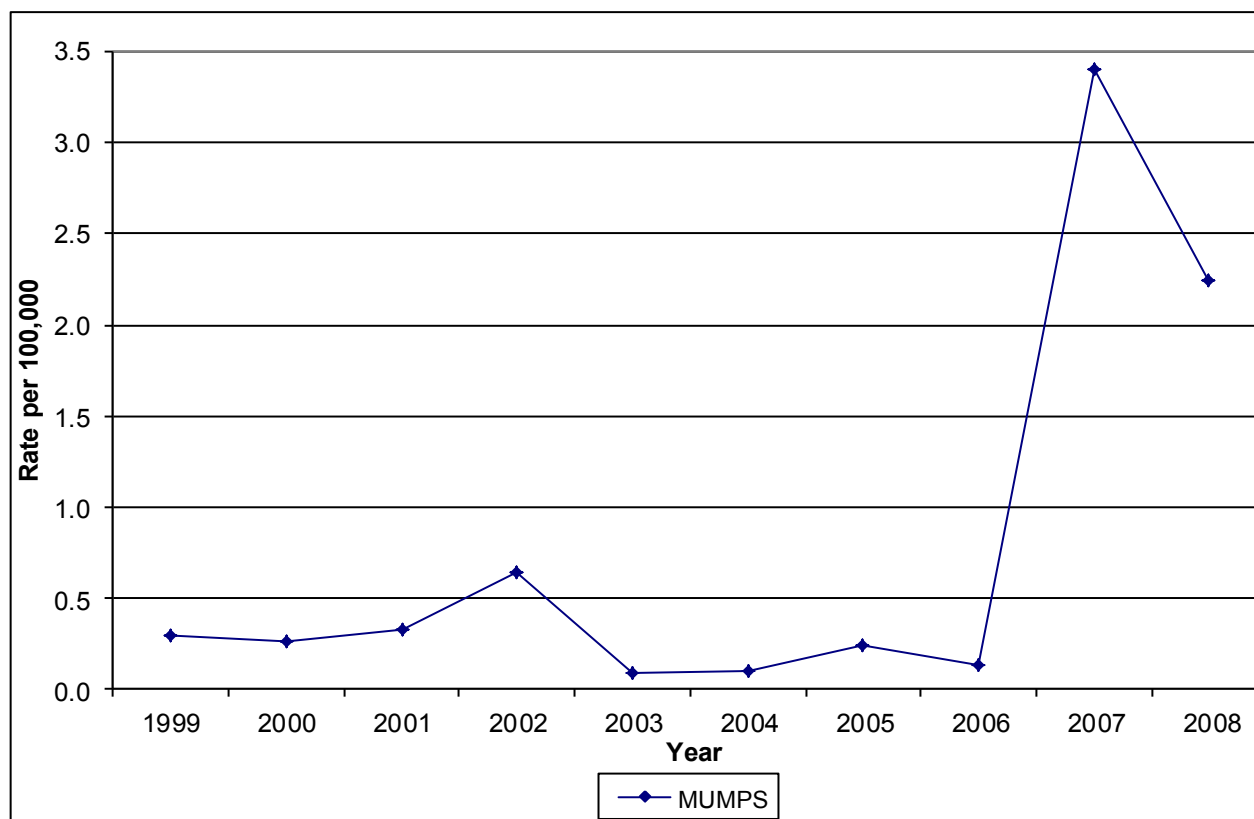
Rate displayed with 2 decimals

Figure 22: Rate of reported cases of Measles in Canada by year, 1999-2008



Rate displayed with 1 decimal

Figure 23: Rate of reported cases of Mumps in Canada by year, 1999-2008



Rate displayed with 1 decimal

Figure 24: Rate of reported cases of Pertussis in Canada by year, 1999-2008

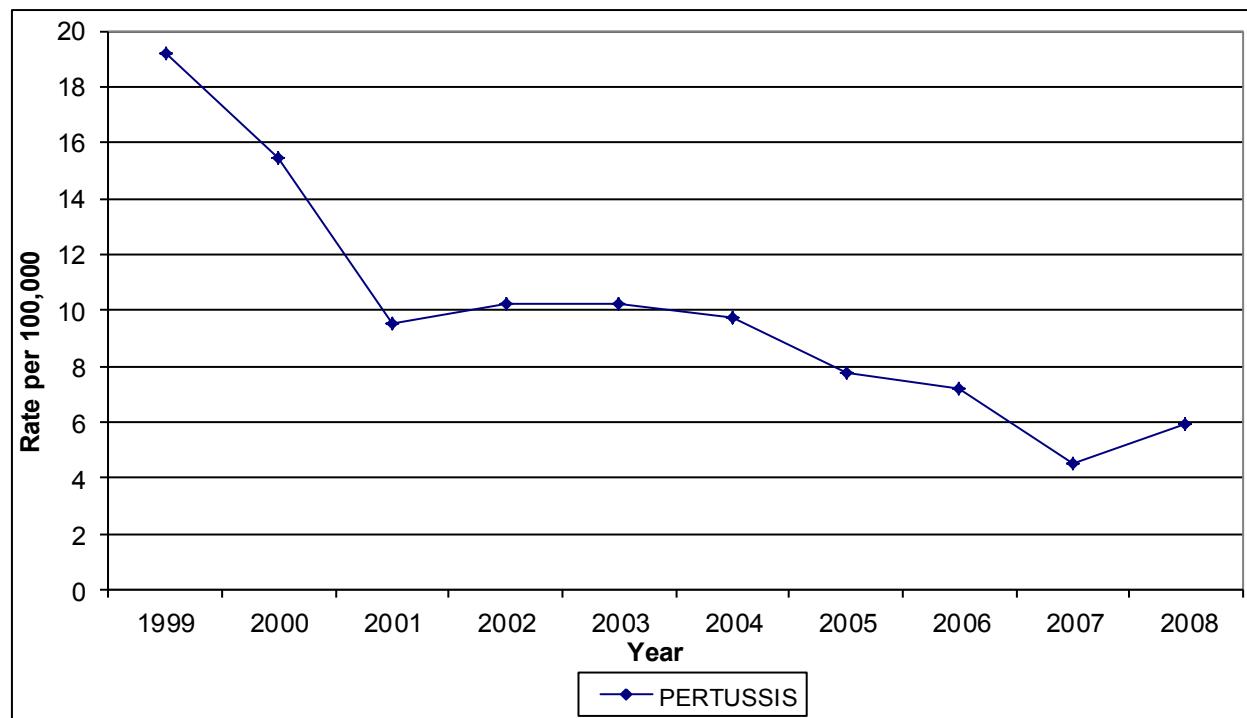
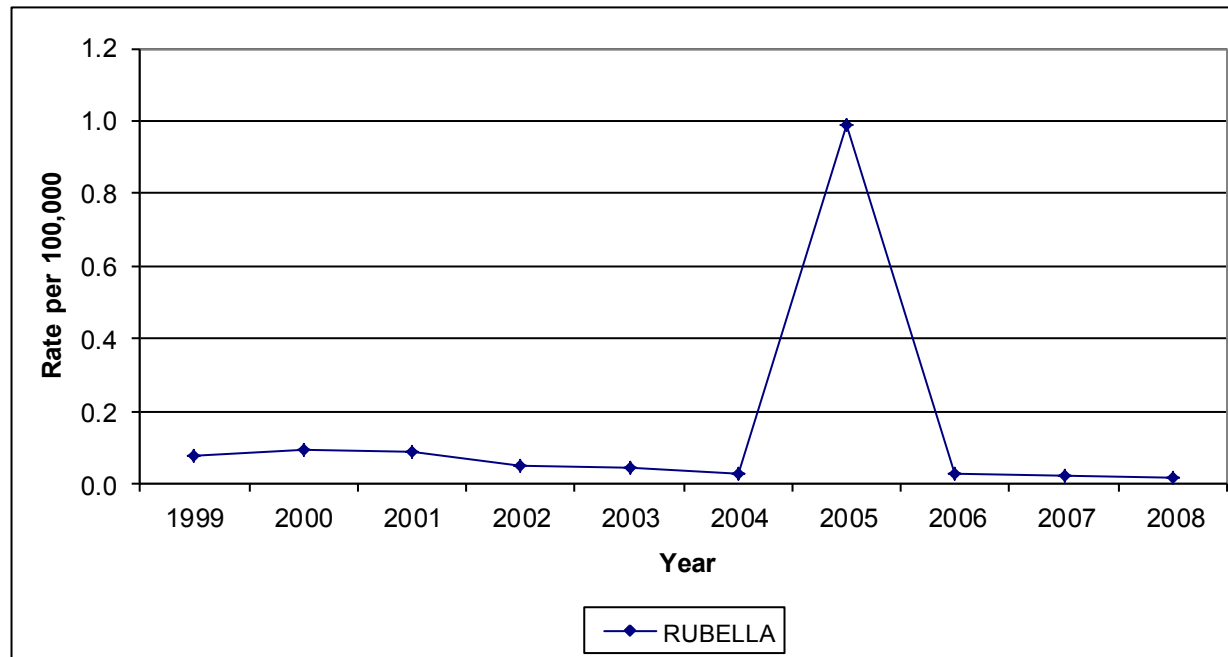
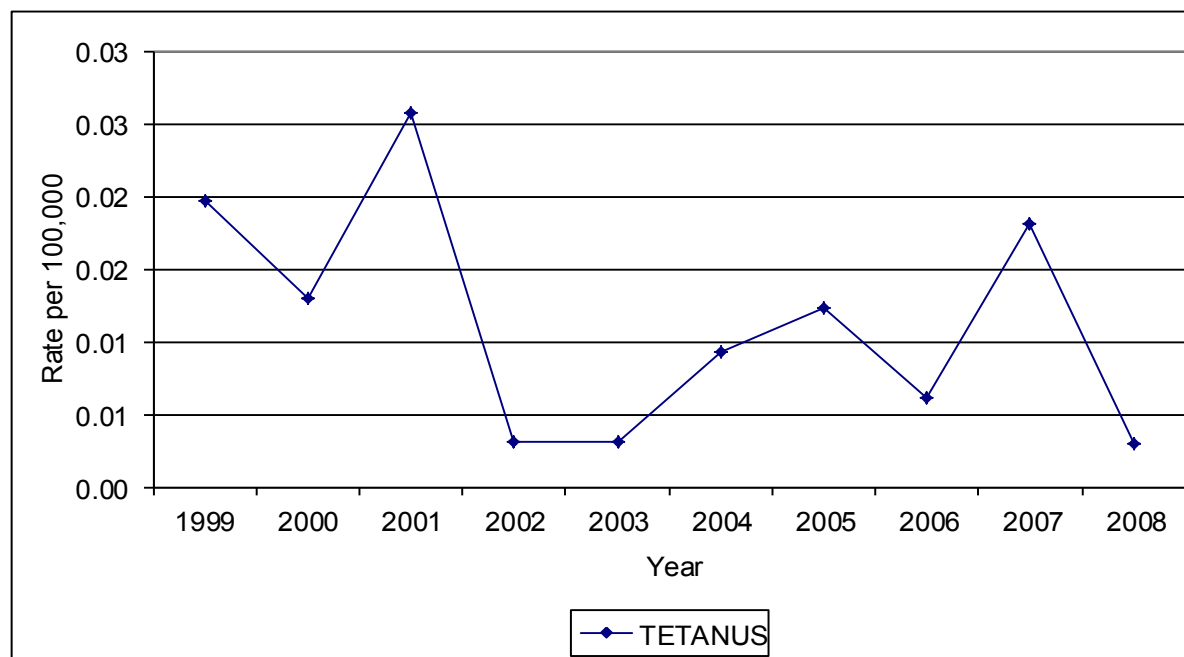


Figure 25: Rate of reported cases of Rubella in Canada by year, 1999-2008



Rate displayed with 1 decimal

Figure 26: Rate of reported cases of Tetanus in Canada by year, 1999-2008



Rate displayed with 2 decimals

Tables 13-16 show the number and rate of reported cases of diseases included in the chapter on diseases preventable by routine vaccination in Canada, 2005 to 2008, by age group and sex. *Haemophilus influenzae* non-b, invasive disease became notifiable only in 2007. Since this disease has been a new addition to the list of notifiable diseases, there may be under-reporting by various jurisdictions. Therefore, the rate depicted could be an underestimation of the true rate.

There have been no reported cases of poliomyelitis during the years 2005-2008.

SEXUALLY TRANSMITTED AND BLOOD-BORNE PATHOGENS, 2005-2008

Acquired Immunodeficiency Syndrome (AIDS)
Human Immunodeficiency Virus Infection (HIV)
Chlamydia
Gonorrhea
Hepatitis C
Syphilis, All Categories

Table 17: Number and rate per 100,000 of reported cases by age and sex, Canada, 2005

Disease	Age Group (years)																			
	< 1					1 to 4					5 to 9					10 to 14				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Chlamydia ¹	9	5.2	14	8.5	0	0	0.0	2	0.3	0	1	0.1	5	0.5	0	24	2.2	528	50.9	0
Gonorrhea ²	0	0.0	2	1.2	0	0	0.0	1	0.2	0	0	0.0	2	0.2	0	7	0.6	91	8.8	0
Hepatitis C	20	11.5	18	10.9	0	2	0.3	7	1.1	0	4	0.4	2	0.2	0	7	0.6	12	1.2	0
Syphilis ³	4	2.3	2	1.2	0	0	0.0	1	0.2	0	0	0.0	0	0.0	0	1	0.1	0	0.0	0

Disease	Age Group (years)																			
	15 to 19					20 to 24					25 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Chlamydia ¹	3200	285.9	15110	1429.7	6	8476	742.4	16858	1546.1	8	4964	457.9	6428	603.1	8	3843	168.2	3850	171.6	2
Gonorrhea ²	613	54.8	1232	116.6	1	1399	122.5	1171	107.4	3	1083	99.9	459	43.1	2	1438	62.9	342	15.2	2
Hepatitis C	76	6.8	141	13.3	1	379	33.2	399	36.6	1	617	56.9	380	35.7	2	1917	83.9	1023	45.6	5
Syphilis ³	15	1.3	24	2.3	0	100	8.8	58	5.3	1	136	12.5	80	7.5	0	417	18.2	148	6.6	0

Disease	Age Group (years)															Total by Sex				
	40 to 59					≥ 60					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	n	n	R	n	R	n
Chlamydia ¹	1752	36.2	1148	23.6	1	103	4.0	48	1.5	0	29		54	32	22401	140.2	44045	270.8	57	
Gonorrhea ²	1113	23.0	127	2.6	1	93	3.6	10	0.3	0	5		4	1	5751	36.0	3441	21.2	10	
Hepatitis C	4895	101.1	1980	40.7	8	567	21.9	503	15.9	4	13		11	23	8497	53.2	4476	27.5	44	
Syphilis ³	736	15.2	204	4.2	0	199	7.7	191	6.0	0	0		0	0	1608	10.1	708	4.4	1	

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹Includes all categories except Perinatal Chlamydia

²Includes all categories except Perinatal Gonococcal Infection

³Includes all categories except Congenital Syphilis

NU data are preliminary

Table 18: Number and rate per 100,000 of reported cases by age and sex, Canada, 2006

Disease	Age Group (years)																			
	< 1					1 to 4					5 to 9					10 to 14				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Chlamydia ¹	10	5.5	19	11.2	0	0	0.0	6	0.9	0	2	0.2	10	1.1	0	27	2.5	448	43.7	0
Gonorrhea ²	2	1.1	2	1.2	0	1	0.1	3	0.4	0	0	0.0	6	0.7	0	5	0.5	86	8.4	0
Hepatitis C	13	7.2	21	12.4	0	1	0.1	9	1.3	0	2	0.2	1	0.1	0	7	0.7	6	0.6	0
Syphilis ³	7	3.9	2	1.2	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	0.1	0	0.0	0

Disease	Age Group (years)																			
	15 to 19					20 to 24					25 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Chlamydia ¹	3383	297.6	15103	1405.0	9	8792	762.4	17413	1585.1	11	5110	464.8	7050	649.6	10	4141	182.8	4229	189.8	3
Gonorrhea ²	758	66.7	1515	140.9	0	1631	141.4	1426	129.8	3	1263	114.9	662	61.0	1	1612	71.2	507	22.8	1
Hepatitis C	66	5.8	130	12.1	0	331	28.7	334	30.4	1	560	50.9	442	40.7	1	1647	72.7	879	39.4	6
Syphilis ³	11	1.0	20	1.9	0	114	9.9	57	5.2	0	145	13.2	86	7.9	0	578	25.5	234	10.5	1

Disease	Age Group (years)													Total by Sex						
	40 to 59					≥ 60					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n		n		n	n	R	n	R	n
Chlamydia ¹	1929	39.2	1306	26.5	2	126	4.7	57	1.8	0	21		47		27	23541	145.8	45688	278.1	62
Gonorrhea ²	1403	28.5	233	4.7	1	137	5.1	14	0.4	0	26		15		0	6838	42.3	4469	27.2	6
Hepatitis C	4582	93.1	1881	38.1	10	556	20.8	478	14.7	0	10		6		37	7775	48.1	4187	25.5	55
Syphilis ³	1217	24.7	375	7.6	1	382	14.3	291	8.9	1	1		0		4	2456	15.2	1065	6.5	7

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹Includes all categories except Perinatal Chlamydia

²Includes all categories except Perinatal Gonococcal Infection

³Includes all categories except Congenital Syphilis

NU data are preliminary

Table 19: Number and rate per 100,000 of reported cases by age and sex, Canada, 2007

Disease	Age Group (years)																			
	< 1					1 to 4					5 to 9					10 to 14				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Chlamydia ¹	19	10.3	10	5.7	0	0	0.0	1	0.1	0	1	0.1	8	0.9	0	36	3.4	475	47.3	1
Gonorrhea ²	0	0.0	0	0.0	0	0	0.0	5	0.7	0	0	0.0	9	1.0	0	12	1.1	83	8.3	0
Hepatitis C	16	8.7	17	9.7	0	4	0.6	8	1.2	0	4	0.4	4	0.5	0	3	0.3	5	0.5	0
Syphilis ³	2	1.1	5	2.9	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	0.1	2	0.2	0

Disease	Age Group (years)																			
	15 to 19					20 to 24					25 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Chlamydia ¹	3648	317.6	15911	1460.2	8	9334	801.7	18203	1644.5	12	5602	498.7	7491	675.9	7	4274	188.7	4589	205.4	7
Gonorrhea ²	825	71.8	1642	150.7	0	1793	154.0	1680	151.8	1	1329	118.3	750	67.7	0	1483	65.5	585	26.2	3
Hepatitis C	77	6.7	128	11.7	0	335	28.8	349	31.5	0	570	50.7	440	39.7	1	1535	67.8	895	40.1	8
Syphilis ³	18	1.6	17	1.6	0	98	8.4	57	5.1	0	163	14.5	87	7.8	0	516	22.8	194	8.7	1

Disease	Age Group (years)													Total by Sex						
	40 to 59					≥ 60					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n		n		n	n	R	n	R	n
Chlamydia ¹	2062	41.6	1400	28.2	3	145	5.2	63	1.9	1	19		32		549	25140	154.0	48183	290.0	588
Gonorrhea ²	1347	27.2	196	3.9	0	117	4.2	13	0.4	0	9		2		1	6915	42.4	4965	29.9	5
Hepatitis C	4376	88.3	2023	40.7	20	616	22.1	477	14.2	2	6		2		122	7542	46.2	4348	26.2	153
Syphilis ³	995	20.1	259	5.2	2	296	10.6	198	5.9	2	2		1		0	2091	12.8	820	4.9	5

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹Includes all categories except Perinatal Chlamydia

²Includes all categories except Perinatal Gonococcal Infection

³Includes all categories except Congenital Syphilis. Includes only infectious syphilis cases for SK

NU data are preliminary

Table 20: Number and rate per 100,000 of reported cases by age and sex, Canada, 2008

Disease	Age Group (years)																			
	< 1					1 to 4					5 to 9					10 to 14				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Chlamydia ¹	15	7.9	10	5.5	0	0	0.0	2	0.3	0	1	0.1	5	0.6	0	51	4.9	504	51.3	0
Gonorrhea ²	0	0.0	0	0.0	0	0	0.0	4	0.6	0	4	0.4	5	0.6	0	16	1.6	77	7.8	0
Hepatitis C	15	7.9	15	8.3	1	4	0.5	7	1.0	0	4	0.4	4	0.5	0	7	0.7	9	0.9	0
Syphilis ³	3	1.6	1	0.6	1	0	0.0	0	0.0	0	2	0.2	0	0.0	0	0	0.0	1	0.1	0

Disease	Age Group (years)																			
	15 to 19					20 to 24					25 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Chlamydia ¹	4188	362.0	18230	1657.1	15	10332	880.5	20127	1807.0	23	6127	531.3	8642	761.5	12	4653	204.3	5435	241.4	5
Gonorrhea ²	810	70.0	1825	165.9	1	1929	164.4	1840	165.2	2	1390	120.5	914	80.5	1	1528	67.1	670	29.8	1
Hepatitis C	68	5.9	142	12.9	0	355	30.3	376	33.8	2	587	50.9	430	37.9	6	1404	61.6	909	40.4	7
Syphilis ³	19	1.6	34	3.1	0	134	11.4	62	5.6	0	196	17.0	82	7.2	0	479	21.0	167	7.4	1

Disease	Age Group (years)														Total by Sex					
	40 to 59					≥ 60					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	n	n	R	n	R	n
Chlamydia ¹	2277	45.6	1723	34.4	5	119	4.1	50	1.4	0	19		55		19	27782	168.1	54783	326.0	79
Gonorrhea ²	1222	24.5	261	5.2	1	116	4.0	13	0.4	0	1		2		1	7016	42.5	5611	33.4	7
Hepatitis C	4447	89.1	1882	37.6	16	645	22.3	506	14.6	2	7		4		53	7543	45.6	4284	25.5	87
Syphilis ³	1015	20.3	252	5.0	1	304	10.5	209	6.0	0	1		0		10	2153	13.0	808	4.8	13

n = Number; R = Rate; NS = sex not specified (includes transgender & others)

¹Includes all categories except Perinatal Chlamydia

²Includes all categories except Perinatal Gonococcal Infection

³Includes all categories except Congenital Syphilis. Includes only infectious syphilis cases for SK

NU data are preliminary

Table 21: Number and rate per 100,000 of Positive HIV test reports by age and sex, Canada, 2005-2008

Year	Age Group (years)																			
	< 15					15 to 19					20 to 29					30 to 39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
2005	13	0.4	16	0.6	0	18	1.6	18	1.7	0	324	14.6	167	7.7	3	643	28.1	215	9.6	4
2006	5	0.2	14	0.5	0	17	1.5	29	2.7	1	320	14.2	205	9.4	1	597	26.4	260	11.7	7
2007	10	0.3	8	0.3	0	17	1.5	24	2.2	0	319	13.9	172	7.8	2	572	25.2	225	10.1	6
2008	17	0.6	9	0.3	0	25	2.2	33	3.0	0	375	16.1	169	7.5	4	550	24.1	237	10.5	2

Year	Age Group (years)												Total by Sex							
	40-49					50+					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	n	n	R	n	R	n
2005	564	20.9	157	5.9	3	269	5.7	62	1.2	0	6		2	10		1837	11.5	637	3.9	20
2006	581	21.5	138	5.2	6	287	5.9	60	1.1	2	12		0	5		1819	11.3	706	4.3	22
2007	569	21.1	121	4.5	8	321	6.4	60	1.1	2	10		3	10		1818	11.1	613	3.7	28
2008	631	23.6	168	6.4	3	338	6.5	61	1.0	1	2		3	8		1938	11.7	680	4	18

n = Number; R = Rate; NS = sex not specified

Table 22: Number and rate per 100,000 of AIDS cases by age and sex, Canada, 2005-2008

Year	Age Group (years)																			
	<1					1-4					5-9					10-14				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
2005	1	0.6	1	0.6	0	1	0.1	0	0.0	0	2	0.2	0	0.0	0	0	0.0	0	0.0	0
2006	0	0.0	1	0.6	0	1	0.1	0	0.0	0	0	0.0	0	0.0	0	1	0.1	1	0.1	0
2007	0	0.0	0	0.0	0	2	0.3	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
2008	0	0.0	1	0.6	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	1	0.1	0

Year	Age Group (years)																			
	15-19					20-24					25-29					30-39				
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
2005	1	0.1	2	0.2	0	11	1.0	3	0.3	0	28	2.6	8	0.8	0	84	3.7	30	1.3	0
2006	1	0.1	1	0.1	0	8	0.7	3	0.3	0	21	1.9	7	0.6	0	76	3.4	30	1.3	0
2007	1	0.1	2	0.2	0	3	0.3	4	0.4	0	11	1.0	8	0.7	0	71	3.1	21	0.9	0
2008	0	0.0	1	0.1	0	7	0.6	4	0.4	0	17	1.5	6	0.5	0	61	2.7	30	1.3	0

Year	Age Group (years)												Total by Sex							
	40-59					60+					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n		n	n	n	n	R	n	R	n
2005	154	3.2	34	0.7	0	18	0.7	2	0.1	0	0		0	0	0	300	1.88	80	0.5	0
2006	139	2.8	24	0.5	0	11	0.4	4	0.1	0	0		0	0	0	258	1.6	71	0.4	0
2007	154	3.1	12	0.2	0	17	0.6	3	0.1	0	0		0	0	0	259	1.59	50	0.3	0
2008	135	2.7	29	0.6	0	18	0.6	2	0.1	0	0		0	0	0	238	1.44	74	0.4	0

n = Number; R = Rate; NS = sex not specified

Figure 27: Rate of reported cases of Chlamydia in Canada by year, 1999-2008

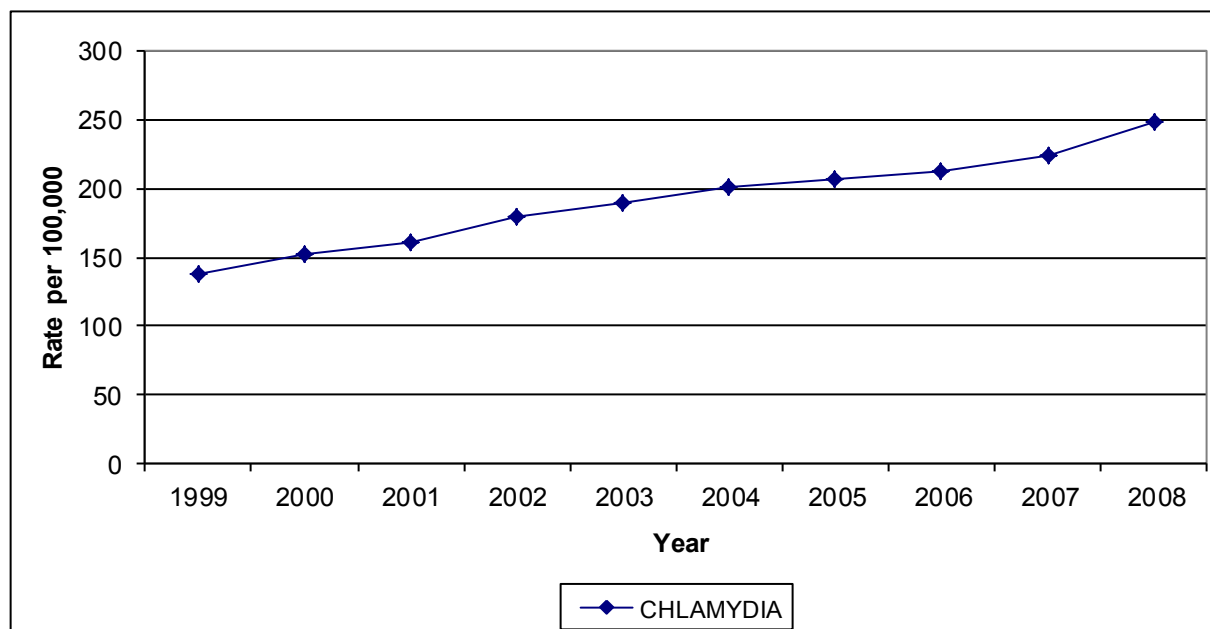


Figure 28: Rate of reported cases of Gonorrhea in Canada by year, 1999-2008

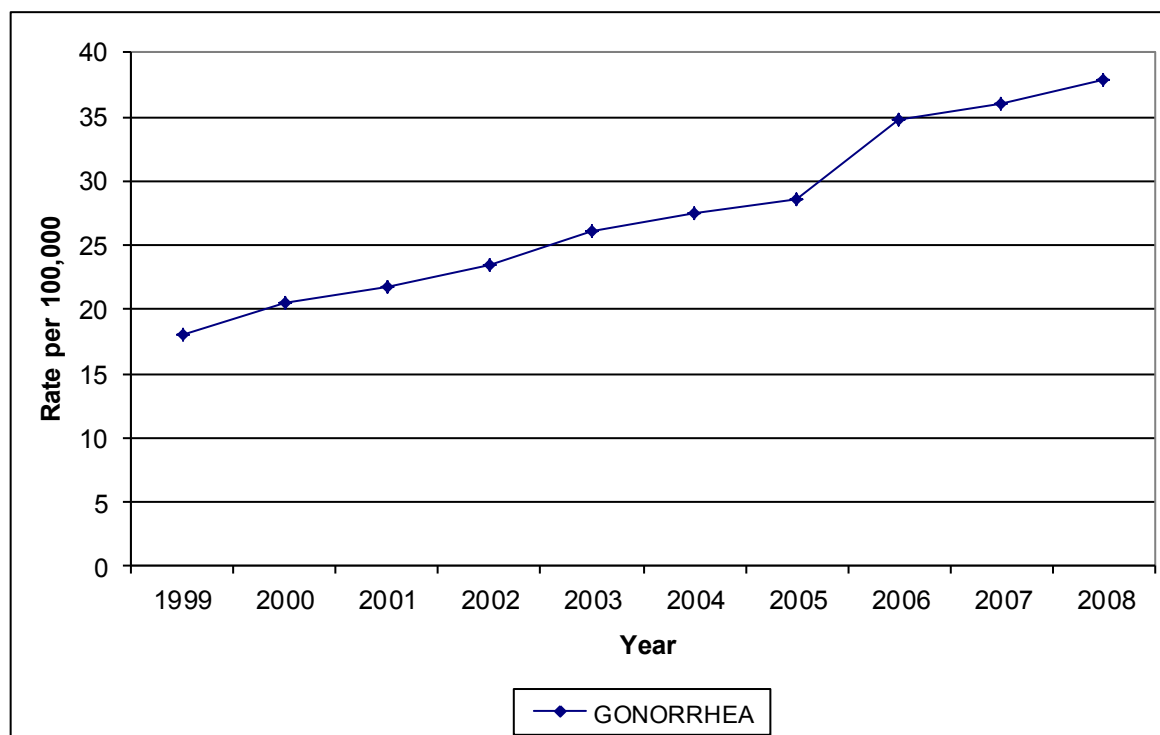


Figure 29: Rate of reported cases of Hepatitis C in Canada by year, 1999-2008

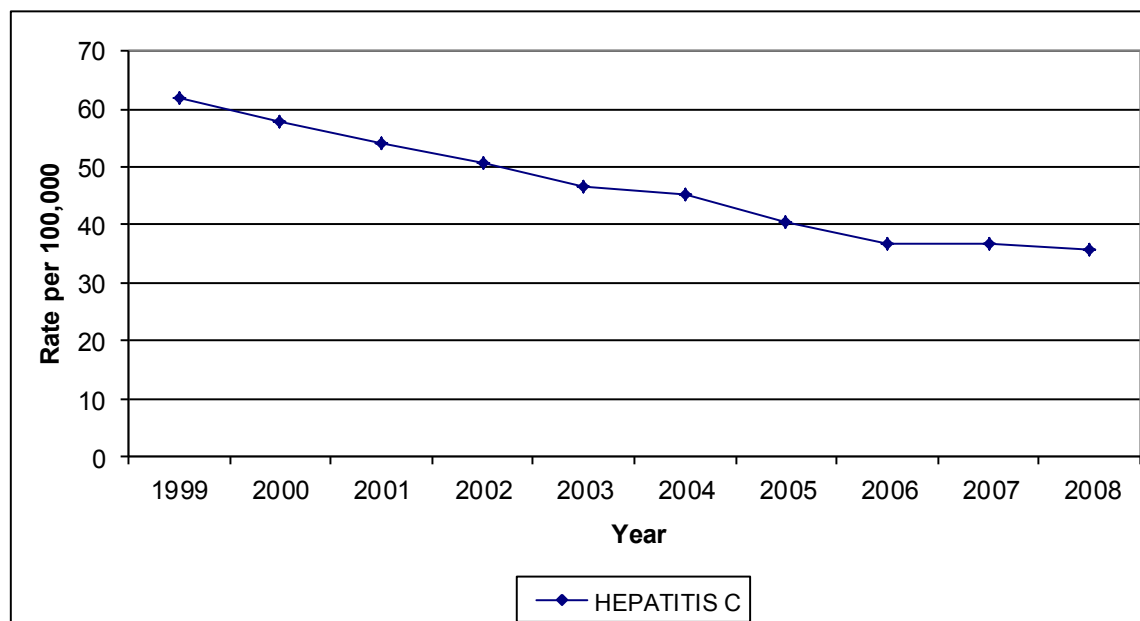
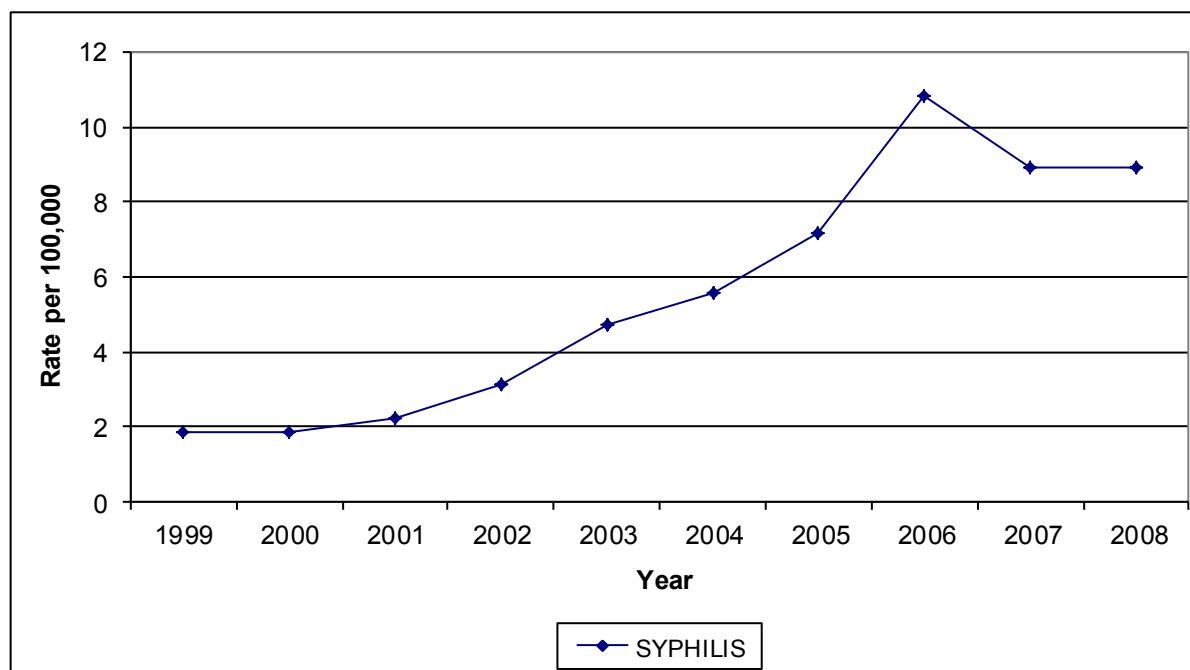


Figure 30: Rate of reported cases of Syphilis in Canada by year, 1999-2008



Includes only infectious syphilis cases for SK for the years 2007 and 2008

Tables 17-22 show the number and rate of reported cases in Canada of diseases that are grouped under the sexually transmitted and blood-borne pathogens chapter for 2005 to 2008, by age group and sex. Chlamydia, gonorrhea, hepatitis C and syphilis are included in these tables. Table 5 and 6 show the number and rate per 100,000 of positive HIV test reports and reported AIDS cases respectively by age and sex for 2005-2008.

VECTORBORNE AND OTHER ZOO NOTIC DISEASES, 2005-2008

Anthrax
Brucellosis
Malaria
Plague
Rabies
Tularaemia
West Nile Virus Infection
Yellow Fever

Table 23: Number and rate (per 100,000 population) of reported cases by age group and sex, 2005

Disease	Age Group (years)														
	< 1					1 to 4					5 to 9				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Anthrax	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Brucellosis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	0.1	0	0.0	0
Malaria	0	0.0	0	0.0	0	11	1.6	5	0.8	0	13	1.4	10	1.1	0
Plague	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Rabies	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tularaemia	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	0.1	0	0.0	0
Yellow Fever	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)														
	15 to 19					20 to 24					25 to 29				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Anthrax	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Brucellosis	0	0.0	0	0.0	0	0	0.0	1	0.1	0	0	0.0	0	0.0	0
Malaria	11	1.0	9	0.9	0	26	2.3	15	1.4	0	15	1.4	20	1.9	0
Plague	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Rabies	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tularaemia	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Yellow Fever	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)												Total by Sex							
	40 to 59					≥ 60					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	n	n	R	n	R	n
Anthrax	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0	0	0
Brucellosis	2	0.0	1	0.0	0	2	0.1	2	0.1	0	0	0	0	6	0.0	5	0.0	0	0	0
Malaria	90	1.9	28	0.6	0	12	0.5	7	0.2	0	0	0	0	249	1.6	116	0.7	0	0	0
Plague	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0	0	0
Rabies	1	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	1	0.0	0	0.0	0	0	0
Tularaemia	6	0.1	3	0.1	0	6	0.2	2	0.1	0	0	0	0	16	0.1	6	0.0	0	0	0
Yellow Fever	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0	0	0

n = Number; R = Rate; NS = sex not specified

Age/Sex breakdown for West Nile Virus not available

No cases of Anthrax, Plague or Yellow Fever were reported

NU data are preliminary

Table 24: Number and rate (per 100,000 population) of reported cases by age group and sex, 2006

Disease	Age Group (years)														
	< 1					1 to 4					5 to 9				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Anthrax	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Brucellosis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	1	0.1	0
Malaria	1	0.6	1	0.6	0	14	2.0	8	1.2	0	13	1.4	12	1.4	0
Plague	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Rabies	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tularaemia	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Yellow Fever	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)														
	15 to 19					20 to 24					25 to 29				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Anthrax	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Brucellosis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Malaria	15	1.3	5	0.5	0	25	2.2	13	1.2	0	20	1.8	13	1.2	0
Plague	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Rabies	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tularaemia	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Yellow Fever	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)												Total by Sex					
	40 to 59					≥ 60					Age not specified							
	Males		Females		NS	Males		Females		NS	Males		Females		NS			
	n	R	n	R	n	n	R	n	R	n	n	n	n	R	n	R	n	
Anthrax	1	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	1	0.0	0	0.0	0
Brucellosis	2	0.0	0	0.0	0	1	0.0	0	0.0	0	0	0	0	3	0.0	2	0.0	0
Malaria	78	1.6	26	0.5	0	13	0.5	6	0.2	0	3	1	0	227	1.4	106	0.6	0
Plague	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0
Rabies	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0
Tularaemia	5	0.1	2	0.0	0	2	0.1	2	0.1	0	0	0	0	7	0.0	4	0.0	0
Yellow Fever	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0

n = Number; R = Rate; NS = sex not specified

Age/Sex breakdown for West Nile Virus not available

No cases of Plague, Rabies or Yellow Fever were reported

NU data are preliminary

Table 25: Number and rate (per 100,000 population) of reported cases by age group and sex, 2007

Disease	Age Group (years)														
	< 1					1 to 4					5 to 9				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Anthrax	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Brucellosis	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	0.1	0	0.0	0
Malaria	2	1.1	0	0.0	0	9	1.2	6	0.9	0	14	1.5	11	1.3	0
Plague	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Rabies	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tularaemia	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Yellow Fever	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)														
	15 to 19					20 to 24					25 to 29				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Anthrax	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Brucellosis	1	0.1	0	0.0	0	0	0.0	1	0.1	0	0	0.0	1	0.1	0
Malaria	18	1.6	11	1.0	0	28	2.4	19	1.7	0	19	1.7	16	1.4	0
Plague	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Rabies	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tularaemia	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	0.1	0	0.0	0
Yellow Fever	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)												Total by Sex							
	40 to 59					≥ 60					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	n	n	R	n	R	n
Anthrax	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0	0.0	0
Brucellosis	3	0.1	0	0.0	0	0	0.0	1	0.0	0	0	0	0	6	0.0	4	0.0	0	0.0	0
Malaria	71	1.4	37	0.7	0	24	0.9	7	0.2	0	1	0	0	238	1.5	145	0.9	1	0.0	1
Plague	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0	0.0	0
Rabies	0	0.0	0	0.0	0	1	0.0	0	0.0	0	0	0	0	1	0.0	0	0.0	0	0.0	0
Tularaemia	7	0.1	0	0.0	0	4	0.1	1	0.0	0	0	0	0	12	0.1	1	0.0	0	0.0	0
Yellow Fever	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0	0.0	0

n = Number; R = Rate; NS = sex not specified

Age/Sex breakdown for West Nile Virus not available

No cases of Anthrax, Plague or Yellow Fever were reported

NU data are preliminary

Table 26: Number and rate (per 100,000 population) of reported cases by age group and sex, 2008

Disease	Age Group (years)														
	< 1					1 to 4					5 to 9				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Anthrax	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Brucellosis	0	0.0	0	0.0	0	1	0.1	0	0.0	0	1	0.1	0	0.0	0
Malaria	0	0.0	1	0.6	0	8	1.1	1	0.1	0	9	1.0	3	0.3	0
Plague	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Rabies	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tularaemia	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Yellow Fever	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)														
	15 to 19					20 to 24					25 to 29				
	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	R	n	R	n
Anthrax	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Brucellosis	0	0.0	0	0.0	0	1	0.1	1	0.1	0	1	0.1	0	0.0	0
Malaria	15	1.3	11	1.0	0	25	2.1	15	1.3	0	22	1.9	18	1.6	0
Plague	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Rabies	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Tularaemia	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Yellow Fever	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Disease	Age Group (years)												Total by Sex							
	40 to 59					≥ 60					Age not specified									
	Males		Females		NS	Males		Females		NS	Males		Females		NS	Males		Females		NS
	n	R	n	R	n	n	R	n	R	n	n	n	n	n	n	n	R	n	R	n
Anthrax	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0	0	0
Brucellosis	2	0.0	3	0.1	0	1	0.0	1	0.0	0	0	0	0	7	0.0	5	0.0	0	0	0
Malaria	92	1.8	22	0.4	0	21	0.7	7	0.2	0	0	0	0	251	1.5	121	0.7	0	0	0
Plague	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0	0	0
Rabies	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0	0	0.0	0	0.0	0	0	0
Tularaemia	3	0.1	1	0.0	0	0	0.0	2	0.1	0	0	0	0	3	0.0	3	0.0	0	0	0
Yellow Fever	0	0.0	0	0.0	0	1	0.0	0	0.0	0	0	0	0	1	0.0	0	0.0	0	0	0

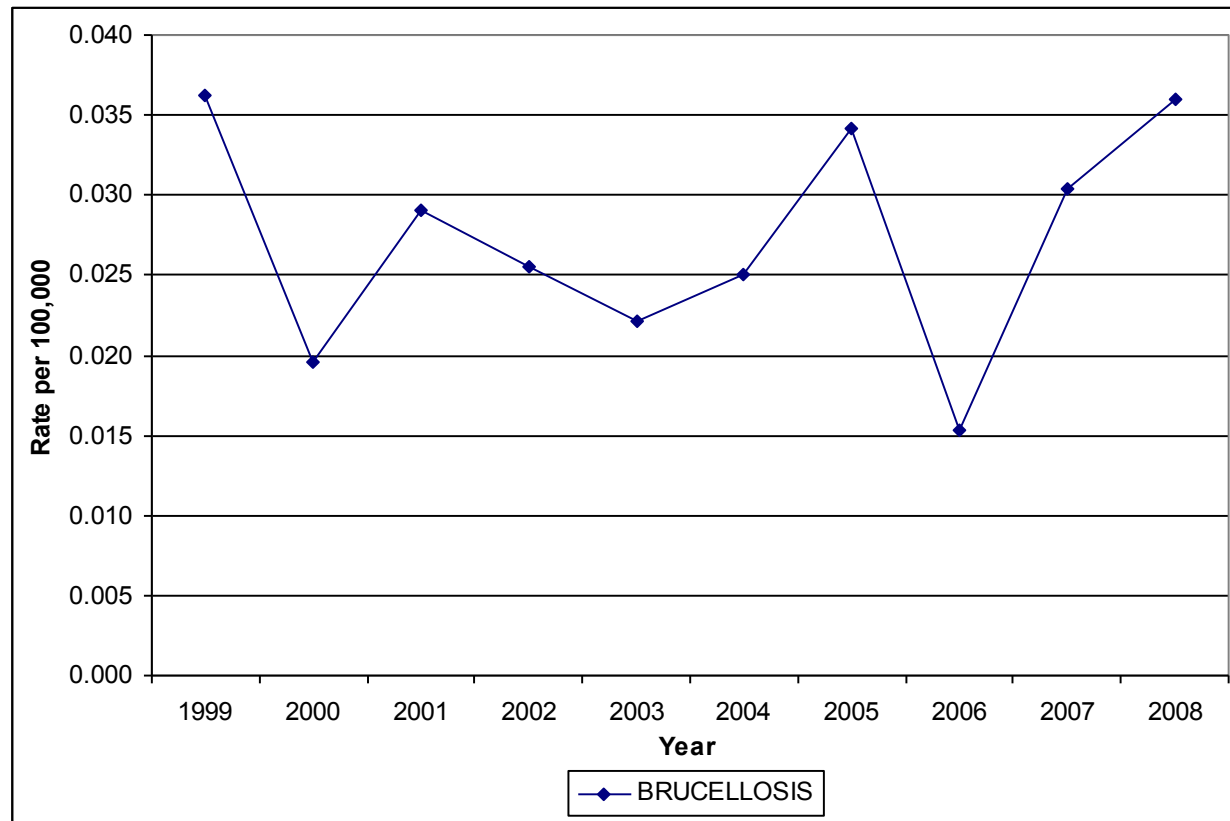
n = Number; R = Rate; NS = sex not specified

Age/Sex breakdown for West Nile Virus not available

No cases of Anthrax, Plague or Rabies were reported

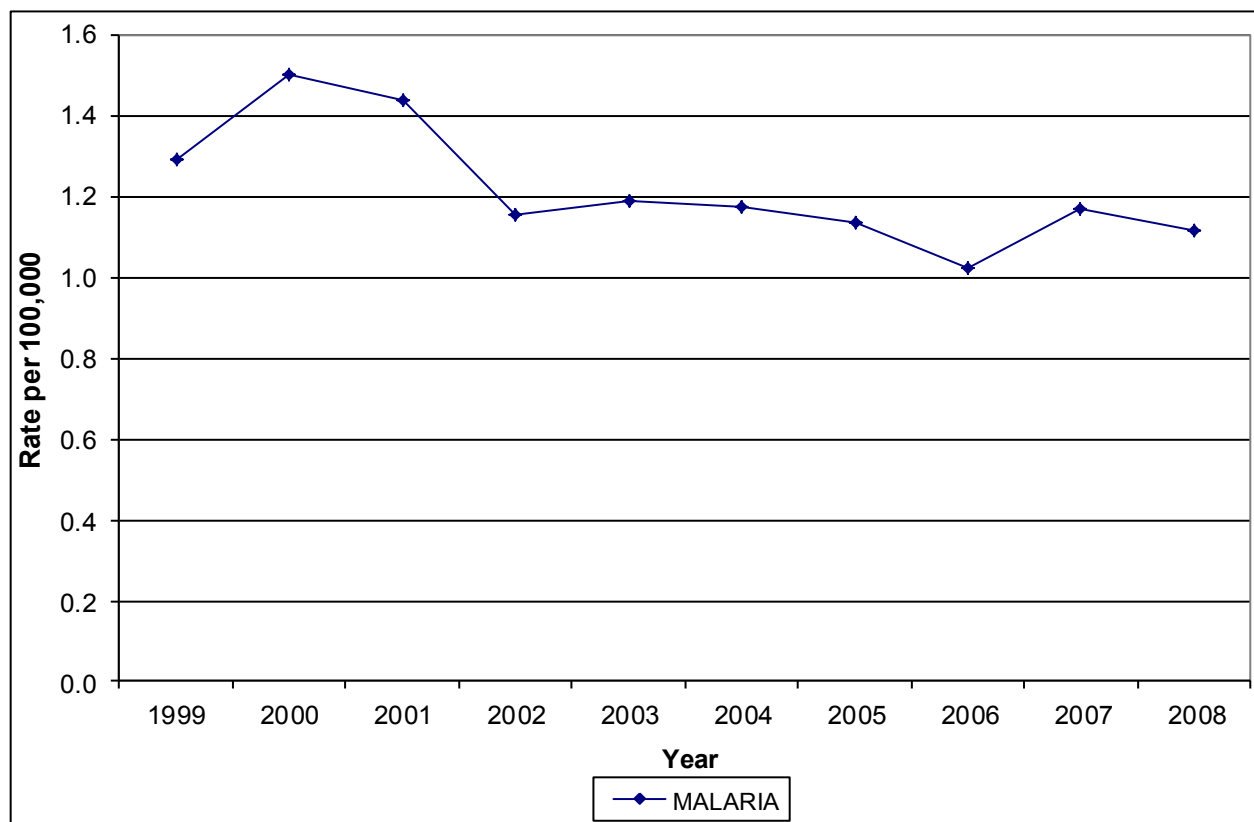
NU data are preliminary

Figure 31: Rate of reported cases of Brucellosis in Canada by year, 1999-2008



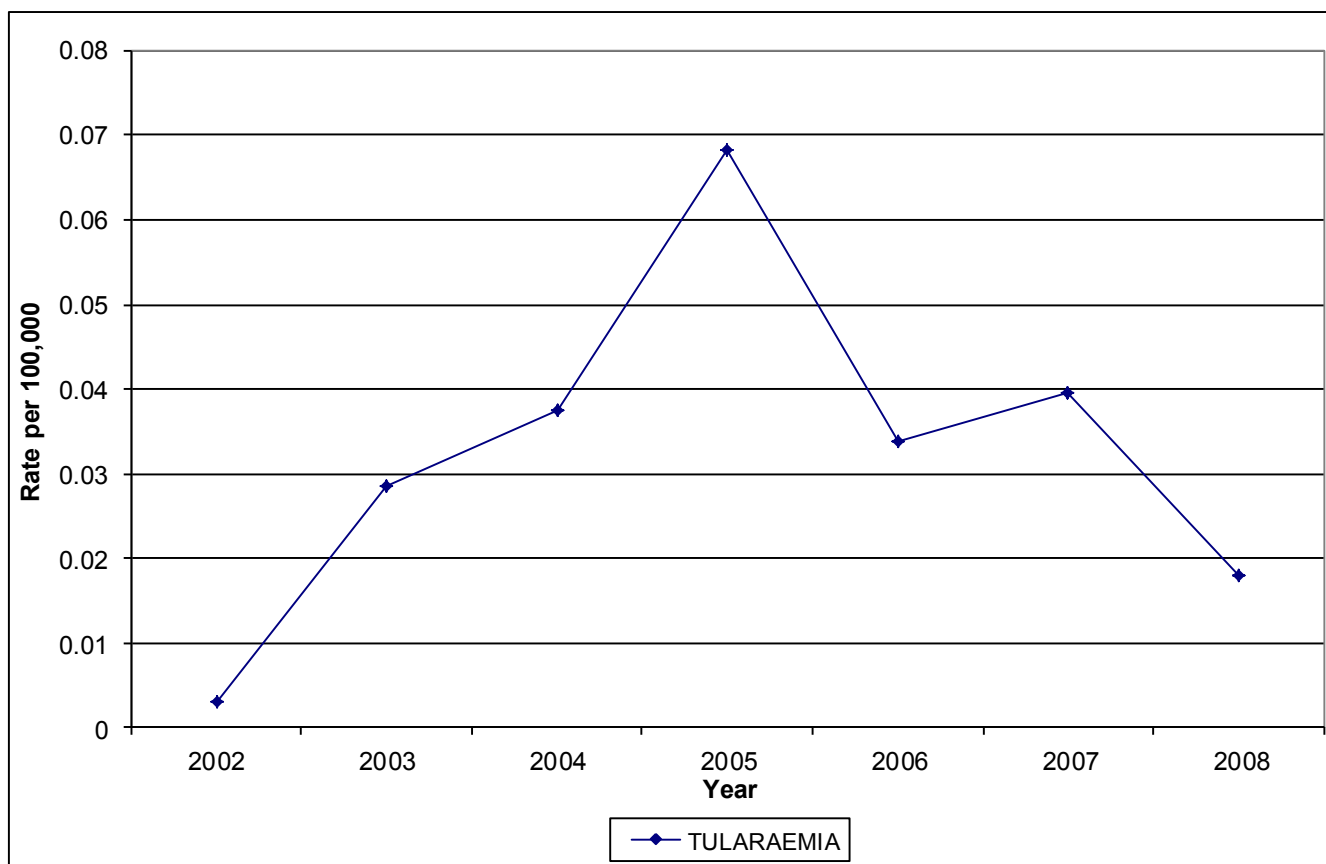
Rate displayed with 3 decimals

Figure 32: Rate of reported cases of Malaria in Canada by year, 1999-2008



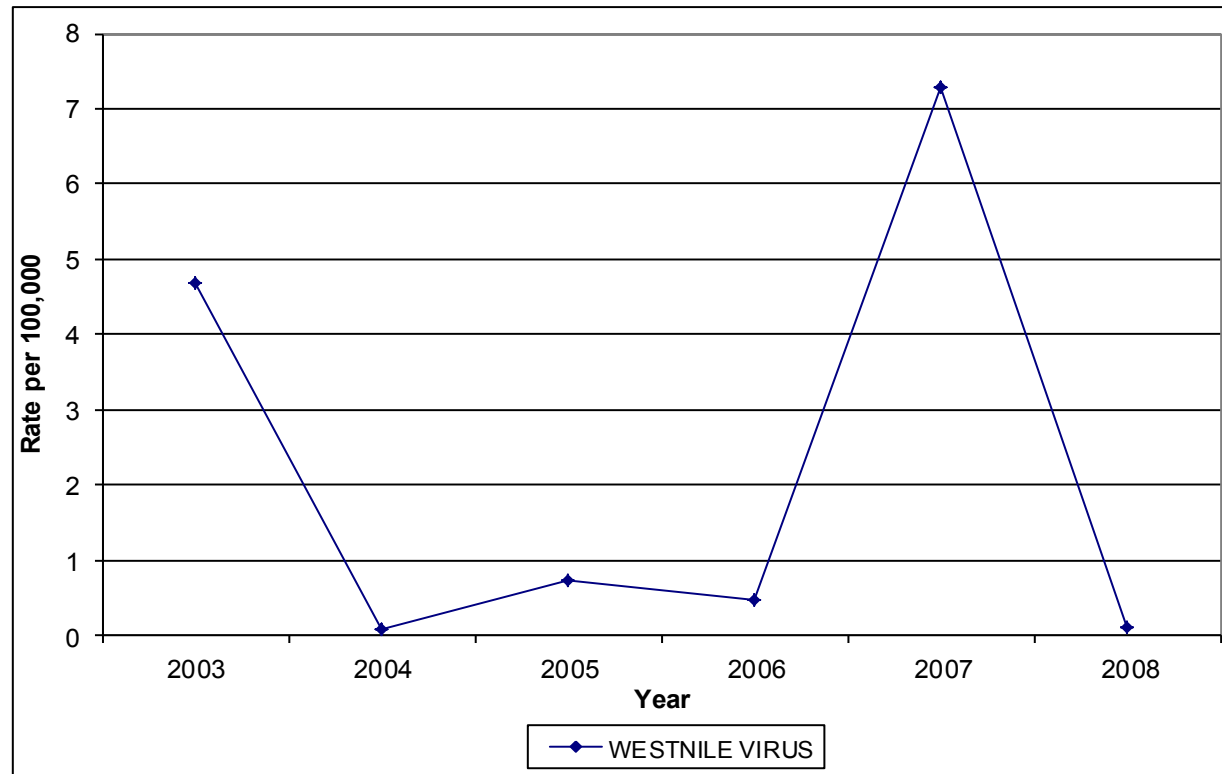
Rate displayed with 1 decimal

Figure 33: Rate of reported cases of Tularaemia in Canada by year, 2002-2008



*Rate displayed with 2 decimals
Tularaemia became notifiable in the year 2002*

Figure 34: Rate of reported cases of West Nile Virus Infection in Canada by year, 2003-2008



West Nile Virus Infection became notifiable in the year 2003

Tables 23-26 show the number and rate of reported cases of vectorborne and other zoonotic diseases in Canada, 2005 to 2008, by age group and sex.

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