

The Costs of Substance Abuse in Canada 2002

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Executive Summary

This study examined morbidity, mortality and economic costs attributable to the abuse of alcohol, illegal drugs and tobacco in Canada for the year 2002. Attributable fractions by age, gender and province for more than 80 causes of disease and death—partly or fully attributable to alcohol, illegal drugs or tobacco - were used to estimate the number of deaths, potential years of life lost, hospital days and diagnoses in acute care hospitals, psychiatric separations and hospital days in psychiatric hospitals, admissions in inpatient and outpatient centres, and days in treatment. .

Overall, it was estimated that there were 4,258 net deaths attributable to alcohol (8,103 deaths caused; 3,845 deaths prevented), 1,695 deaths attributable to illegal drugs, and 37,209 deaths attributable to tobacco in Canada in 2002. When combined, this represented 19.3% of the total mortality for that year. The number of days spent in acute care hospitals due to consumption of these substances represented 17.8% of the total days spent in these hospitals.

In 2002, 761,638 criminal offences were attributable to alcohol (corresponding to 30.4% of total of criminal offences in 2002 in Canada) and 554,131 (22.1%) criminal offences were attributable to illegal drugs. Furthermore, 206,594 criminal charges (35.8% of total of criminal charges in 2002) attributable to alcohol and 133,120 (23.1%) charges attributable to illegal drugs were brought before the courts in Canada in that year.

With regard to the economic costs due to morbidity, mortality and other problems associated with substance abuse, this study adopted a modified human capital approach, with sensitivity analyses being provided for two other approaches, which can be considered to result in lower

and upper bounds for social costs. Although this study contains more cost components than previous studies, data are lacking for some costs.

In the main scenario, it is estimated that cost of substance abuse totalled almost \$40 billion in Canada in 2002 or \$1,267 per capita. Alcohol accounted for approximately \$14.6 billion (36.6%), illegal drugs for approximately \$8.2 billion (20.7%), and tobacco for approximately \$17.0 billion (42.7%) of the total costs.

The highest contributor to total substance-attributable costs was the cost of productivity losses, which accounted for 61.0% (\$24.3 billion) of the overall costs. The second highest contributor to total substance-attributable costs was direct health care costs, accounting for 22.1% (\$8.8 billion). The third highest contributor in total substance-related costs was direct law enforcement costs at 13.6% (\$5.4 billion) of the overall costs.

The two sensitivity analyses resulted in \$54,797.3 billion as upper boundary and \$16,208.2 for the lower boundary.

Compared to the estimates of Single and colleagues for 1992, the social costs of substance abuse increased, but the exact level of increase is hard to quantify, as the overall figures are not comparable because different methodologies were used. However, the underlying epidemiological figures can be compared; when properly adjusted for general population trends, there has been an increase in morbidity and mortality attributable to illegal drugs and alcohol use, whereas the impact of tobacco use slightly decreased.

Estimates of the social costs of alcohol, illegal drugs and tobacco abuse were also calculated for each province. There was some variation with the per-capita costs of substance abuse

being highest in Nunavut and the other territories, and lowest in Quebec and Prince Edward Island.

There is a separate Highlights document entitled *The Costs of Substance Abuse in Canada 2002: Highlights* available in French and English from CCSA at www.ccsa.ca

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CHAPTER I: INTRODUCTION

Background: current state of knowledge

The burden and cost of substance abuse¹ in all established market economies is enormous, with Canada being no exception. In the World Health Report 2002, the World Health Organization undertook comparable estimates of the impact of risk factors on burden of disease. The results showed that substance-attributable burden of disease was very high, with tobacco accounting for 12.2% of all disease burden in the year 2000 in established market economies (highest burden of all 26 risk factors examined), with alcohol accounting for 9.2% (third most important risk factor) and illegal drugs accounting for 1.8% (eighth) (Ezzati et al., 2002; WHO, 2002). For Canada, the last systematic estimate of the comparable burden of substance abuse was undertaken for the year 1992 and the results are summarized in Table 1 below.

Table 1: Morbidity and mortality due to alcohol, illegal drugs and tobacco, Canada 1992 (Single et al., 1996, 1999)

	Mortality N (% of total)	Years of life lost N (% of total)	Hospitalizations N (% of total)	Hospital days N (% of total)
Alcohol	6,701 (3%)	186,257 (6%)	86,076 (2%)	1,149,106 (3%)
Illegal drugs	732 (0.4%)	31,147 (1%)	7,095 (0.2%)	58,571 (0.1%)
Tobacco	33,498 (17%)	495,640 (16%)	208,095 (6%)	3,024,265 (7%)

The burden of disease is only one cost factor and, for some substances like illegal drugs, is not necessarily the factor associated with the highest cost. Other major cost factors are associated with law enforcement or property damage, among others. Unfortunately, the most recent cost

¹ Based on the economically orientated definition of Collins and Lapsley (1991), our study defines substance abuse as any substance use that involves a net social cost additional to the resource costs of the provision of that substance. Thus, the costs include the complete set of problems associated with the use of psychoactive substances, rather than just those costs associated with physical dependence or heavy use or with substance abuse in the psychiatric definition of DSM IV.

numbers, similar to the most recent comparable burden numbers for Canada, are outdated and of limited utility in health care and social planning, despite their importance to key stakeholders, policy makers, and the media. These numbers were presented in June 1996, when the Canadian Centre on Substance Abuse (CCSA), in partnership with a number of federal and provincial organizations, released the first-ever comprehensive estimate of the social and economic costs of substance abuse in Canada (Single et al., 1996). The study featured data collected for the year 1992 and presented cost estimates for alcohol, illegal drugs and tobacco, both nationally and by province.

The overall cost of substance abuse for 1992 was estimated at \$18.5 billion, which represented \$649 per capita, or about 2.7% of the Gross Domestic Product (GDP). Legal substances accounted for most of these costs. Alcohol accounted for \$7.5 billion in economic costs (\$265 per capita), with large portions of the total attributed to lost productivity due to morbidity and premature mortality (\$4.14 billion), law enforcement (\$1.36 billion), and direct health care costs (\$1.30 billion). Tobacco-related costs totalled more than \$9.6 billion (\$336 per capita), making it the highest contributor to overall substance-attributable costs. This number included \$6.7 billion due to lost productivity from premature mortality and \$2.7 billion in direct health care costs. Finally, the costs of illegal drugs were estimated to be \$1.4 billion (\$48 per capita). Lost productivity due to morbidity and premature death accounted for \$823 million and law enforcement accounted for another substantial portion (\$400 million) of the total economic costs for illegal drugs. There are no comprehensive data on social costs of substance abuse for Canada for the time after 1992.

To fill this gap, the current study was initiated in 2003. Again, CCSA spearheaded a partnership of various provincial and federal organizations to organize the Second Canadian Study on the Social Costs of Substance Abuse. The scientific implementation was appropriated to a

multidisciplinary working group of scholars from various institutions with Dr. J. Rehm from the Centre for Addiction and Mental Health acting as Principal Investigator. This study has been based on revised International Guidelines for Estimating the Costs of Substance Abuse (Single et al., 2001).

The following objectives were set for the current study:

- Computation of social costs of alcohol, illegal drug and tobacco² for Canada for 2002;
- Estimation of deaths and hospitalizations attributable to the use of alcohol, illegal drugs and tobacco in Canada in 2002 by sex and age;
- Estimation of crime and imprisonment attributable to the use of alcohol, illegal drugs and tobacco in Canada in 2002;
- Comparison of substance-attributable social costs for Canada between 1992 and 2002;
- Comparison of costs by substance categories;
- Comparison of substance-attributable costs by province.

In terms of the wider conceptual environment of the study, the notion of avoidable costs has gained more and more attention. Parallel to this study, an international working group has been developing guidelines for avoidable cost estimation (Collins et al., 2006). We hope that this study may serve as basis to pilot some of these new developments; however, estimation of avoidable costs is not part of the current study.

² This report uses the term “tobacco” for reason of consistency with other substance use categories. Note the measurement of actual tobacco consumption was limited to the smoking of cigarettes. For example, there were no measures of consumption of cigars, chewing tobacco or pipe tobacco.

CHAPTER II: METHODS FOR ESTIMATING DIRECT AND INDIRECT COSTS ATTRIBUTABLE TO SUBSTANCE USE

Determining the main approach of the study

This study of the social costs of substance abuse in Canada in 2002 was conducted within the framework of the revised International Guidelines for Estimating the Costs of Substance Abuse (Single et al., 2001) and can be characterized as a cost-of-illness study, in which the impact of psychoactive substance abuse on the material welfare of Canadian society is examined. We utilized a modified prevalence-based **human capital approach**, which is conceptually based on opportunity costs. Costs are resources spent on an activity that could have been spent otherwise, and thus are lost to other streams. For example, consider the costs of treatment for alcohol dependence incurred by Canadian society in 2002: if there had been no cases of alcohol dependence in Canada in 2002, the resources invested in this treatment could have been used for other interventions or services.

We included only **social costs** according to the definition of Single et al. (2001), i.e., the concept often labelled as external costs or externalities in mainstream economic textbooks. This excluded so-called private costs, i.e., costs incurred by people engaged in the activity of consuming psychoactive substances (e.g., costs to buy cigarettes or beer). Thus, in this report, the term “social costs” was used to denote those costs that are imposed on the rest of society by those using psychoactive substances.

The above example of treatment for alcohol dependence makes it clear that the current situation is compared to a **counterfactual scenario**. In the example, we used the scenario of no past or current use of alcohol up to, and including, 2002. Under these circumstances there would be no cases of alcohol-attributable diseases in Canada in 2002 and thus no need to establish

treatment for these diseases. The counterfactual just described also captures the general use of the counterfactual scenario assumptions underlying this study.

As substance use can also have **benefits** relevant to society (for instance the cardio-protective effect of regular moderate drinking without heavy drinking occasions), the choice of the above-described counterfactual scenarios implies that these have to be included in cost analysis, resulting in only net costs of substance use to be reported. Thus, in calculating hospitalization costs, those hospitalizations prevented by use of psychoactive substances were subtracted from the hospitalizations caused by such use, and only the costs of the net number of hospitalizations were reported.

Following the approach of Single et al. (1996), we included so-called discretionary costs as well, such as **research**, **prevention**, and **education** in the current study. This is partially against the recommendations of the guidelines (Single et al., 2001), but again, based on the counterfactual scenario, these costs would have never occurred.

Completely excluded from this study are the so-called **intangible costs**, i.e., the costs of pain and suffering as a consequence of substance use or abuse.

The International Guidelines for Estimating Costs of Substance Abuse (Single et al., 2001) often allow several methodological alternatives in calculations. However, as a general rule, where several different approaches were possible, we always selected the more conservative approach. Given the potential impact of cost studies, this principle is very important, as different stakeholders will scrutinize the results of cost studies and the credibility and final impact will depend on the conservativeness of assumptions. In addition we conducted sensitivity analyses

on the main assumptions with different options, which will allow the reader and policy maker to determine costs for alternative assumptions that they consider more likely.

Costs included in this study

Based on the above choices, the following costs have been included in this report:

1. Direct health care costs: total
 - 1.1 morbidity - acute care hospitalization
 - psychiatric hospitalization
 - 1.2 inpatient specialized treatment
 - 1.3 outpatient specialized treatment
 - 1.4 ambulatory care: physician fees
 - 1.5 family physician visit
 - 1.6 prescription drugs
2. Direct law enforcement costs
 - 2.1 police
 - 2.2 courts
 - 2.3 corrections (including probation)
3. Direct costs for prevention and research
 - 3.1 research
 - 3.2 prevention programs
 - 3.3 salaries and operating funds
4. Other direct costs
 - 4.1 fire damage
 - 4.2 traffic accident damage
 - 4.3 losses associated with the workplace

*4.3.1 EAP and health promotion programs**4.3.2 drug testing in the workplace*

4.4 administrative costs for transfer payments

*4.4.1 social welfare and other programs**4.4.2 workers' compensation*

5. Indirect costs: productivity losses (main scenario)

5.1 due to long-term disability

5.2 due to short-term disability (days in bed)

5.3 due to short-term disability (days with reduced activity)

5.4 due to premature mortality

Methods for estimating direct health care costs

In the following, the different elements for determining substance use attributable to direct health care costs are introduced

- The epidemiological calculations of attributable fractions, i.e., determining the diseases causally linked to substance use and determining the proportion of these diseases that can be attributed to the use of a certain substance.
- Sources of data for cost categories and incurred cost.

Epidemiological derivation of attributable fractions

Four steps are necessary to derive substance-attributable use fractions (AF):

- 1) Determine the disease categories attributable to substance use;
- 2) Determine the relationship of the extent of exposure to the risk factor (substance use at particular levels) to the risk of developing a particular condition at the individual level;
- 3) Determine exposure-risk relationships in the general population;

- 4) Combine information to determine substance-attributable fractions.

Determination of disease categories attributable to substance use

To determine the beneficial and detrimental health conditions causally attributable to substance use for inclusion in the national estimates, the usual epidemiological criteria were used with specific emphasis on the following (Hill, 1965; English et al., 1995; Rothman & Greenland, 1998):

- Consistency across several studies
- Established experimental biological evidence of mediating processes or at least physiological plausibility (biological mechanisms)
- Strength of the association (effect size)
- Temporality (i.e., cause before effect).

Appendices 1-3 give an overview of all the conditions that fulfilled the criteria.

Determination of exposure

To measure alcohol consumption, we followed English et al. (1995) and used four drinking categories based on average volume of alcohol consumed (see Rehm et al., 2006). The prevalence data of different levels of current alcohol consumption were collected between 2003 and 2004 through the Canadian Addiction Survey (CAS) (Canadian Centre on Substance Abuse, 2004). This survey was selected because it contains reliable alcohol consumption exposure data for a time period closest to the mortality data. Alcohol consumption has been relatively stable in Canada over the past years (WHO, 2004), thus a difference of two to three years between mortality and exposure data is negligible.

Smoking prevalence for different levels of tobacco consumption were obtained from the Canadian Community Health Survey (cycle 2.1) (CCHS, 2003). Categories included current,

former, and never smokers by gender and age group, with current smokers categorized as those who reported occasional smoking or daily smoking. Within the category of current smokers, prevalence of different levels of smoking was determined, with the number and definition of levels being based on the disease-specific meta-analyses and the categories used therein (see Baliunas et al., submitted). The prevalence of non-smokers living inside a home where someone smokes was also available from the CCHS dataset and was extracted to calculate 2002 passive smoking deaths.

Most of the disease conditions included under illegal drugs were 100% attributable fractions by definition, so no information about exposure is necessary. Where required, prevalence information on number of injection drug users (estimated as 83,800 in Canada 2003) was taken from Popova (2006), in order to calculate a drug-attributable fraction for low birth weight related to maternal drug use.

Determining attributable fractions

The substance-attributable fraction (AF) is defined as the fraction of the disease in the population that would not have occurred if the effect associated with the substance under consideration were absent (Walter, 1976; 1980). AFs were assessed specifically for each substance for different causes of illnesses by three methods (for details see Baliunas et al., submitted, forthcoming; Popova et al., submitted a, b; Rehm et al., 2006; Taylor et al., submitted):

- For disease conditions that would not exist without the existence of the substance, an AF of 100% was attributed (e.g., alcohol dependence; drug intoxication).
- Chronic disease substance-attributable fractions were calculated by combining exposure data and relative risk estimates from meta-analyses. All relative risks for calculation of

attributable fractions were based on high quality, cohort-based incidence studies found in our literature review.

- Injury substance-attributable fractions were calculated using direct estimates of substance involvement from various statistics, e.g., police statistics on alcohol involvement in traffic accidents.

AFs based on relative risk information: Relative risks (RR) for different alcohol-attributable disease conditions were obtained from several meta-analytic studies (see Appendix 1). Since most of the disease conditions under illegal drugs were either 100% by definition or estimated directly, only one RR had to be obtained: for low birth weight (English, 1995). Drug-attributable fractions (DAF) for acute and subacute endocarditis were taken from Single et al. (1996) (see Appendix 2). To identify the malignant and non-malignant health conditions caused by smoking, our analysis was guided by the Health Consequences of Smoking: A Report from the Surgeon General (U.S. Department of Health and Human Services. (2004). A comprehensive search strategy of current meta-analyses was performed using the Pubmed and OVID (1966 – January Week 3, 2005) databases. Search criteria were: *smoking or tobacco, meta-analysis*, and each disease category is described in this paper. Meta-analyses that included measures of smoking dose were preferred over those that only used current/former/never categories. However, if RRs for dose-responses were not available from the studies, we used the current/ former/ never or ever/ never category where available. Similarly, analyses that included age- and gender-stratified estimates of relative risk were preferred over more crude estimates.

In cases where a more current meta-analysis did not exist, the analyses from English et al. were used. When a meta-analysis was published later than 1995, there was usually only one that presented data on smoking dose, so it was used as the source of relative risk. If there was more than one, all were examined, and the most comprehensive one based on age and smoking dose categories was chosen (see Appendix 3).

The causal role of passive smoking for many diseases is still controversial. Thus, this analysis adopted a conservative approach and included only two diseases for which the evidence converges: lung cancer and ischaemic heart disease. Passive smoking-attributable morbidity was derived by applying age- and sex-specific relative risk and rates of morbidity from lung cancer and ischaemic heart disease (IHD) to the population of Canadians who have never smoked, but are exposed to environmental tobacco smoke (ETS) from spouses and other sources inside the home. Relative risk estimates were obtained from the most comprehensive meta-analyses applicable to Canada (for details see Baliunas et al., submitted).

The relative risk for each condition was combined with different levels of exposure for each sex and age group and an attributable fraction was obtained using the following formula (see Walter, 1976, 1980).

$$AF = \frac{[\sum_{i=1}^k P_i(RR_i - 1)]}{[\sum_{i=0}^k P_i(RR_i - 1) + 1]}$$

Where

i: exposure category with baseline exposure or no exposure i=0

RR(i): relative risk at exposure level i compared to no consumption

P(i): prevalence of the ith category of exposure

Direct estimates of AF: For a number of conditions, mainly injury conditions, direct AFs were used. Appendices 1-3 will give an overview of the sources of these direct estimates.

For AFs on alcohol morbidity and mortality, see Appendix 4 and 5; for illegal drugs, Appendix 6 and for tobacco, Appendix 7.

Further details can be obtained in Baliunas et al. (submitted, forthcoming); Popova et al. (submitted a, b); Rehm et al. (2006) and Taylor et al. (submitted).

Sources of data for cost categories and amount or services incurred

Number of acute care hospitalizations and hospital days

Hospital diagnoses and length-of-stay data in Canada for the year 2002 for acute care hospitals were obtained from the Canadian Institute for Health Information (CIHI) on a national level and provincial level according to the International Classification of Diseases, version 10 (ICD-10). For the national level, data were provided for each disease condition as well as for each sex and age group in five-year increments from 0 to 80+, whereas provincial data were provided on an aggregated basis, i.e., no sex or age breakdown. This was a result of insufficient cell data due to suppressed cells and low numbers of counts due to stratification of groups of ICD codes by age and sex. Estimating them would either inflate or deflate the real numbers.

The national-level data represented only seven provinces and two territories (Alberta, British Columbia, Newfoundland, Northwest Territories, Nova Scotia, Ontario, Prince Edward Island, Saskatchewan, Yukon). Based on these, data for all of Canada were estimated using the total population. On a provincial level, CIHI only provided aggregated data (no sex or age breakdown) for each disease condition for the same seven provinces and two territories. To calculate each sex and age group for each province or territory, we used the distribution of the Canadian population for corresponding sex and age and calculated from the aggregated data of each condition.

Data for Quebec, Manitoba, New Brunswick, and Nunavut were not available according to ICD-10 classification. Hence, aggregated data for each condition was calculated using total

population of that province and estimated data in Canada for that condition. Sex and age group calculations were similar in process to the calculations of the available provinces and territories.

So-called hospital days, i.e., the length of stay associated with a stay in an acute care hospital, were categorized according to the condition coded as Most Responsible Diagnosis (MRD) on the patient's hospital record. In other words, the MRD accounts for the majority of a patient's length of stay in hospital. MRD is the single diagnosis that describes the most significant condition of the patient that is responsible for his/her stay in hospital. In a case where multiple diagnoses may be classified as most responsible, coders are instructed to code the diagnosis responsible for the longest length of stay (CIHI, 2004a). As the hospital days based on the MRD may overlap in cases with more than one MRD, hospital days calculated this way had to be adjusted to the overall hospital days in Canada. This adjustment implied a province-specific application of a shrinkage factor, derived by dividing the number of hospital days in a province by the number of MRD hospital days in the same province.

Number of psychiatric hospitalizations and hospital days

Psychiatric admissions and hospital days data for the 10 provinces of Canada (there were no cases identified in the three territories of Canada) for the year 2002 were obtained from the Hospital Mental Health Database (MHMD) of CIHI according to the International Classification of Diseases, version 9 (ICD - 9).³

³ Please note that CIHI suppressed cells for disease categories with fewer than five cases for either diagnoses/hospitalizations or hospital days in order to protect confidentiality of the data in both acute care and psychiatric hospitals. However, a midpoint of 2.5 was imputed on those cells. For each category with no diagnosis/hospitalization, a 0 was reported.

Number of specialized inpatient and outpatient admissions and days of treatment

Either admissions or days in specialized treatment, including inpatient and outpatient treatment of alcohol and illegal drug dependency for 2002, were obtained from provincial ministerial officials or drug addiction program coordinators from Alberta, Manitoba, Quebec, New Brunswick, Nova Scotia, and two territories (Yukon and Northwest Territories). Only New Brunswick provided comprehensive data on both inpatient and outpatient admissions and days in treatment. Quebec and Manitoba provided total number of inpatient and outpatient admissions without age and sex breakdown. Alberta, Nova Scotia, Northwest Territories and Yukon provided average number of days for both inpatient and outpatient treatment. To estimate the total number of admissions by age and sex for provinces where no data were provided, we used the per-capita average of New Brunswick. To estimate the total number of admissions by age and sex for provinces where aggregated data were provided, we used the age and sex distribution of New Brunswick and apportioned it based on population.

To estimate the total number of days in specialized treatment by age and sex, where average number of days was provided, the average was multiplied by the number of admissions by age and sex. However, to estimate the total number of days by age and sex for those provinces where average data were not available, the average number of days in specialized treatment was calculated based on those provinces who provided such data, which was then applied to those provinces with their admissions by age and sex.

Number of ambulatory care service visits

Total numbers of hospital ambulatory care service visits by province/ territory for 2001-2002 were available from CIHI (2004b; 2004c). Ambulatory care services include emergency visits, day/night care visits, and specialty/ private clinics visits. To estimate substance-attributable

visits, the following assumptions were made: first we reduced the number of visits by 14.3% (one-seventh), which represents the estimate of the Romanow Commission of visits for small, self-treatable ailments among adults, not seen as related to substance abuse (available from NDMAC, <http://www.ndmac.ca/publicat/F-posit.html>). Then we adjusted for visits of children and adolescents under age 15. To the remaining visits, we applied the proportional fractions for alcohol, tobacco and illegal drugs from the acute hospital care system: 5.8% for alcohol, 1.6% for illegal drugs and 10.3% for tobacco.

Family physicians

Total number of full-time family physicians in Canada by province was obtained from the National Physician Database (CIHI, 2004c). Total numbers for three territories were missing; therefore, estimates were based on population.

Sources of cost data and cost calculations

Cost of substance-attributable acute care hospitalizations

Hospital expenditures for 2002 for each province and territory were available from CIHI (2004b). Daily average per-capita cost for acute care hospital separations for each available province and territory was obtained from the above report. For Nunavut, average per-capita cost was not available; therefore, average per-capita cost for Northwest Territories was substituted. To obtain the total costs for each province and territory, daily average per-capita cost was applied to the total number of substance-attributable acute care hospital days.

Cost of substance-attributable psychiatric hospitalization

To estimate costs for psychiatric hospitalizations, data on average cost-per-day in psychiatric hospitals were available for Canada for fiscal year 2001 (CIHI, 2004b). This average cost was

created using data from 19 psychiatric hospitals (short- or long-term) that provided data to the Canadian MIS database (CMDB). Provincial average per-day costs were estimated based on provincial average cost of acute care hospital. For Nunavut, the national estimate was substituted. These average costs were applied to substance-attributable psychiatric hospital days to obtain total psychiatric costs for each province and territory attributable to substance use.

Cost of substance-attributable specialized treatment

To estimate the cost of outpatient specialized treatment for substance abuse, the average cost for each general hospital outpatient service for 2002 was used. This cost was available from CIHI (2004d) for all provinces except Northwest Territories and Nunavut, for which the national estimate was substituted. For inpatient costs, we used the daily cost of treatment at acute care hospitals. The corresponding average cost for each province and territory was applied to both substance-attributable specialized inpatient and outpatient days to obtain the total costs.

Cost of substance-attributable ambulatory care

Ambulatory care costs consist of physician fees. Average national and provincial cost-per-visit to physician for 2002 was available from CIHI (2004d) except for Northwest Territories and Nunavut. National estimates were substituted for these territories. To estimate the total costs for ambulatory care by province, provincial average physician fees were applied to the substance-attributable total ambulatory care services for each province and territory.

Cost of substance-attributable family physician visits

To estimate the overall costs of family physicians, the average annual fee-for-service was calculated for each province from the National Physician Database (CIHI, 2004c) and multiplied

by the number of family physicians for corresponding provinces. Average annual fee-for-service data for three territories were not available, so the national average was substituted.

To estimate substance-attributable costs, the following assumptions were made: first, we reduced the estimated overall cost of visits to family physicians by 14.3% (one-seventh). Then we adjusted for costs of visits incurred by children and adolescents under age 15. To the remaining costs, we applied the proportional fractions for alcohol, tobacco, and illegal drugs from the acute hospital care system: 5.8% for alcohol, 1.6% for drugs and 10.3% for tobacco.

Cost of substance-attributable prescription drugs

Two kinds of costs were available to calculate cost for prescription drugs: national and provincial average per-capita cost of drug expenses (CIHI, 2004d) and total drug expenditures in public and private sector in Canada for 2001-2002 (CIHI, 2004e; 2004f). For this report, we used the cost for prescribed drugs only. Thus, costs for non-prescribed drugs, i.e., “Over the Counter Drugs” (OTC) and Personal Health Supplies (PX) are not part of this report.

To estimate the provincial drug expenditures, three calculations were carried out: (1) we divided the total expenditures for prescribed drugs by the national average of per-capita expense to derive a national total number of cases that had used prescribed drugs in Canada (provincial estimates were based on provincial population relative to national population), (2) AFs were applied to the above provincial totals to estimate the cases by substance, (3) the provincial average per-unit cost of drug prescriptions was applied to the total number of cases to obtain the total prescription costs per province for each substance.

Methods for estimating direct costs of the criminal justice system attributable to substance abuse

Overview of cost categories in the criminal justice system attributable to substance abuse

Costs of the criminal justice system attributable to substance abuse include:

- Attributable fractions of the costs of the crimes, law enforcement, criminal charges, and incarcerations attributable to use of alcohol and illegal drugs;
- direct costs for liquor licensing (operating expenses of provincial liquor licensing boards);
- costs for specialized drug enforcement.

Attributable fractions⁴ for policing costs refer to the costs due to the proportion of crimes attributable to alcohol and illegal drugs. AFs for court costs are similarly based on the proportion of charges attributable to alcohol and drugs. Please note that for court costs we used the same AFs used in crimes. For corrections costs, AFs are based on the proportion of correctional (i.e., jail or prison) sentences that can be attributed to alcohol and illegal drugs.

Determination of fractions of crimes attributable to substance abuse

Crimes/charges attributable to alcohol are impaired driving, underage drinking, illegal production or importation of substances and other violations of provincial liquor regulations, plus a fraction of violent crimes (e.g., homicide, assault, robbery, etc.) attributable to alcohol. Rehm et al. (2006) examined the available statistics and estimated the AF of traffic accidents attributable to alcohol intoxication to be 24.4% of all traffic accidents in Canada for the year 2002. The proportion of non-traffic crimes attributable to alcohol and illegal drugs was based on the estimates from the workgroup of Brochu and Pernanen (Brochu et al., 2005; Pernanen et al., 2002). The former study was conducted as part of the Canadian cost study and provided sex-

⁴ An AF in this context refers to the proportion in a specific crime category that is attributable to (caused by) substance abuse; i.e., this proportion of crimes would not have happened if there had been no substance use in society at that time.

specific AFs from provincial inmates examinations in Ontario for all non-drug crimes. Please note that the Brochu study represents upper limits to the AFs, as they are ultimately determined from self-reports of incarcerated persons who have a vested interest in blaming substance abuse for their crimes.

At the base of these estimates are interviews with prison inmates, which try to solicit answers about the role of different substances before and while committing the offence. Specifically, questions relate to aspects of the psycho-pharmacological model and economic-compulsive model described above. For national estimates of the AFs for males, we relied on the work of Pernanen and colleagues (2002). Female national AFs were estimated based on the male estimates plus the provincial ratio between male and female AFs. For the category of criminal offences that was attributable to both alcohol and illegal drugs, the figures were allocated proportionally to the AFs for single substances. All numbers were weighted by sample size of the interviews. This resulted in the following AFs: 27.1% of non-substance use-specific offences by males were attributable to alcohol, and 10.3% in the same category by females. For illegal drugs, the respective figures were 19.7% and 35.4%. To derive an overall AF for both sexes, the gender ratio from the statistics of people being charged with a crime was applied to the above AFs, thereby producing an AF of 25.4% for alcohol and 21.3% for illegal drugs.

To estimate AFs for provincial prison inmate populations, we again weighted the sex-specific AFs based on their sample size to come up with an overall fraction of crimes attributable to alcohol and illegal drugs for Ontario and Quebec. The respective proportions were: alcohol male: 25.4%, female: 9.7%; illegal drugs male: 21.1%; female: 37.9% (AF of combined sex for alcohol: 23.8%; for illegal drugs: 22.8%).

The AFs for violent crimes for alcohol and illegal drugs were provided by Pernanen and colleagues (2002, table 6.8). AFs were as follows: 28% for alcohol only, 5% for illegal drugs only and 16% for combined alcohol and illegal drugs. To separate the interaction effect of alcohol and illegal drugs (16%), we used a formula⁵ that resulted in an AF of 42% for alcohol and 7% for illegal drugs.

AFs for liquor licensing and specialized drug enforcement are 100% by definition, as these costs would not have been incurred if there had not been any alcohol or illegal drugs in Canadian society in 2002. Data on costs for provincial adult sentences due to alcohol and illegal drugs were available (Canadian Centre for Justice Statistics, 2002a) for all provinces except New Brunswick; therefore, the national cost estimate for provincial adult corrections does not include New Brunswick.

Sources of data to estimate costs in law enforcement attributable to substance abuse

Crimes and charges data were obtained from the Canadian Centre for Justice Statistics (2002a, d). Sentencing data for provincial custody and federal custody were obtained from Adult Correction Services in Canada (Canadian Centre for Justice Statistics, 2002a). Sentencing data for youth offences were taken from the Canadian Centre for Justice Statistics (2002b); however, only those sentenced to secured custodies were counted. Other than Ontario and Quebec, data for youth offenders were provided in regions (Atlantic, Prairies, and Pacific), hence population data were used for estimates according to the provinces.

Costs for liquor licensing were not available for 2002, so our estimates are based on the Single et al. (1996) estimates for 1992 and inflation-corrected for 2002. Cost data for specialized drug

⁵ AF for Alcohol = $0.28 + \{0.28/(0.28+0.05)*.16\} = 0.42$

enforcement were obtained from the Treasury Board of Canada Secretariat (Royal Canadian Mounted Police [RCMP]).

National cost estimates for federal adult corrections were obtained from the Canadian Centre for Justice Statistics (2002a). National cost estimates for young offender corrections were obtained from the Canadian Centre for Justice Statistics (2002c) for the 1998/1999 fiscal year and was inflation-corrected for the 2002/2003 fiscal year. Estimates for provincial jurisdictions for the above-specified two cost categories were based on per-capita national averages. Provincial adult corrections costs were available from the Canadian Centre for Justice Statistics (2002c) for 2002.

Methods for estimating the direct costs of prevention, research and other substance-attributable matters

Costs of prevention and research

There are no systematic sources for direct costs of prevention and research. Thus, we tried to identify and ask as many different federal and provincial agencies as possible. While the largest agencies could be covered with this procedure (e.g., Health Canada or the Canadian Institutes for Health Research), we are sure that several agencies have been missed.

Canadian Institutes of Health Research provided expenditures on all awards and grants related to prevention and research on alcohol, cannabis, other illegal drugs and tobacco in Canada 2002 (personal communication with Dr. Richard Brière, December, 2005).

The second source for tobacco estimates on prevention and research expenditures was Health Canada, (personal communication with Director of the Federal Tobacco Control Programme Dawn Hachey, December 2005).

In addition, several estimates for prevention and research from the following agencies were obtained (substances relevant for the agency under consideration are in brackets):

- Canadian Cancer Society (alcohol and tobacco)
- National Native Alcohol and Drug Abuse Program (alcohol and illegal drugs)
- Canadian Council for Tobacco Control (tobacco)
- Canadian Lung Association (tobacco)
- Traffic Injury Research Foundation (alcohol)
- Ontario Addiction Research Foundation (alcohol and illegal drugs)
- Alberta Alcohol and Drug Abuse Commission (alcohol and illegal drugs)
- Addictions Foundation of Manitoba (alcohol and illegal drugs).

Fire damage

Fire damage to property totalled almost \$1.19 billion in 2000 (Council of Canadian Fire Marshals and Fire Commissioners, 2003). The proportion of all property damage from fire that can be attributed to alcohol was estimated to be the same as the proportion of non-fatal other unintentional injuries attributable to alcohol (13.2%) (Rehm et al., 2004). The proportion of fires that can be attributed to smoking materials (i.e., pipe, cigar, ashtray, match) was estimated to be 7.3% (Council of Canadian Fire Marshals and Fire Commissioners, 2003). These AFs were applied to the total fire damage in order to obtain costs for alcohol- and tobacco-attributable fire damage.

Traffic accident damage

The Road Safety and Motor Vehicle Regulations Directorate (2003) reports property damage claims arising from traffic accidents in Canada in 2000. The total amount of property damage claims in 2000 was estimated at \$3,942 million. The attributable fraction for alcohol is estimated to be 19.2% and the attributable fraction for illegal drugs is estimated to be 1.7% (Rehm et al., 2006).

Losses associated with the workplace

The category of direct losses due to substance abuse in the workplace included the costs for a portion of Employee Assistance Programs (EAPs), the cost of drug testing in the workplace, and the cost of absenteeism and poor productivity attributable to substance abuse. Unfortunately, it was not possible to obtain newer estimates for the above costs. Therefore, the data were taken from the previous cost study by Single and colleagues (1996) and were inflation-corrected for the year 2002.

Administrative costs for transfer payments

Direct administrative costs for transfer payments include administrative costs for social welfare and other programs, and administrative costs for workers' compensation. A newer estimate for alcohol-attributable social welfare and other programs was not available. Therefore, these data were taken from the Single et al. (1996) cost study and inflation-corrected for the year 2002.

The estimate for workers' compensation was calculated using the methodology from Single et al., 1996. Information from the annual report of the Workers' Compensation Boards indicated that almost \$1,255 million was spent on administration of compensation benefits. In this study, the proportion of administrative costs for workers' compensation attributable to alcohol was estimated from the AF for occupational and machine accidents (Single et al., 1996), which was 4.9%. In the same manner, the portion attributable to illegal drugs was estimated at 0.434%⁶.

⁶ This was calculated by multiplying the ratio of the illegal drug-related non-fatal motor-vehicle accident AF to the AF for alcohol-related non-fatal motor-vehicle accidents (0.017/0.192) by the portion of occupational and machine accidents attributable to alcohol (0.049).

Methods for estimating indirect costs: lost or reduced productivity

In assessing the cost of illness, an important but controversial component of the costs is the value of production that is lost due to premature mortality, long- or short-term disability, and reduced productivity while at work. Most COI studies over the past 35 years have valued lost production using the human capital (HC) approach (Hodgson, 1983). In the HC framework, the cost of premature mortality (or long-term disability) due to a disease is the discounted present value of the projected stream of production for that person—that is, the stream of production that would have occurred if they had not died prematurely.

The rationale for the HC approach involves several assumptions that are unrealistic in contemporary Canadian labour markets. The approach assumes that there is full employment in labour markets, so that production lost by premature death is a permanent societal loss because persons leaving the labour market are not replaced. However, involuntary unemployment has been a persistent feature of the Canadian labour market over several years (Fortin, Keil, & Symons, 2001; Amano & Macklem, 1998). Whether caused by sticky wages or imperfect macroeconomic policy, the result may be that the prevailing wage is higher than the level that would equate the quantity of labour demanded to the quantity supplied.

As an alternative to the full employment assumptions of the HC model, Koopmanschap proposed that the value of lost productivity due to premature death should be limited to the cost of replacing an absent worker—the so-called “friction cost” approach (Koopmanschap, Rutten, van Ineveld, & van Roijen, 1995). For practical calculations, Koopmanschap suggested that the replacement period for worker had a mean of three months (Koopmanschap & Rutten, 1996). The friction cost approach may be more realistic when the labour market is not at full employment, but it does assume that the societal opportunity cost of labour is zero—that is, the sacrifice of replacement workers’ leisure for work has no monetary value. However, lost leisure

is a cost that should be considered, if one adopts the societal perspective that encompasses all costs and benefits that matter to citizens. In this case, the value of lost work beyond the friction period is obviously not zero, but is equal to or greater than the (marginal) reservation wage unemployed workers would require to sacrifice leisure for work. Although determining the value of the marginal reservation wage for unemployed persons empirically is difficult (Shaw, 1992), its lower bound would be the marginal value of leisure. Empirical estimation of the marginal value of leisure is complicated (Alvarez-Farizo, Hanley, & Barberan, 2001), and would require primary data collection that is beyond the scope of the current research. For this reason, we estimated the marginal reservation wage using a replacement wage approach, assigning values to household jobs that replacement workers perform based on Statistics Canada estimates of the value of housekeeping services (Statistics Canada, 1995), and weighted over all household activities using time weights. The time weights were based on Statistics Canada General Social Survey 1998 Cycle 2 data. We then aggregated the marginal reservation wages for all of the replacement workers across their expected productive lives, discounted them to present value using a 5% discount rate, and inflated them by 3% to reflect the projected productivity growth over time.

Productivity costs due to premature mortality

Once the numbers of lost years of life were determined (by gender and age group), we calculated the productivity costs using the modified human capital approach described above. The cost of premature mortality due to mental disorders was calculated as the sum of the friction costs of replacing the deceased worker, plus the discounted present value of the projected future stream of the marginal reservation wage (for the worker who fills the vacant position), adjusted for sex and age-group labour force participation rates. The algebraic form of this cost equation is given in the Appendix 8. To facilitate comparisons of the current study with past COI studies and international guidelines, we performed sensitivity analyses in which we also calculated productivity costs using the traditional HC and friction cost methods.

Productivity costs due to morbidity

Reduced productivity due to substance abuse or dependence could result from long-term disability, from increased rates of absenteeism (including short-term disability spells), or from reduced productivity for workers while on the job. To estimate the productivity costs for those Canadians on long-term disability due to substance abuse or dependence, we first estimated the number of Canadians permanently disabled from working due to alcohol or illicit drug use/dependence using data from Canadian Community Health Survey, Cycle 1.2 (CCHS c1.2). We then used these estimates in conjunction with the age distribution of those permanently disabled to estimate the number of years of lost productive life. From these figures we then calculated productivity losses using the modified Human Capital method described above for premature mortality.

To estimate the productivity losses due to short-term disability, absenteeism, and reduced productivity at work, we ultimately adopted methods similar to those used in some past research. Past COI studies have assumed that these reductions in productivity are reflected by a decline in the wage rates paid to ill workers in the labour market. Based on this assumption, both Rice et al. (Rice et al., 1991) and Goeree et al. (Goeree et al., 1999) used multiple regression analysis (using personal income as the dependent variable) to assess the effect of various mental illnesses on wages. Single (Single et al., 1998) used differences in the annual mean earned income between substance abusers and the general population reported in survey data to calculate the value of productivity losses. These approaches assume that worker productivity is readily observable to the employer, that wages adjust rapidly to reflect changes in productivity, and that the ill employee bears most of the costs of reduced productivity due to illness. Even if these assumptions are reasonable, there are potential weaknesses in the empirical implementation adopted by COI studies. The economics research literature that has

examined the relationship between income and alcohol, illegal drugs, or mental disorders has uniformly acknowledged the potential for biased estimates with multivariate regression methods because of simultaneity and omitted variable biases. Potential simultaneity bias arises because empirical evidence (Blake & Nied, 1997) and theoretical considerations (Becker & Murphy, 1988) suggest reverse causation, i.e., earnings levels affect alcohol consumption, illegal drug use, and mental disorders. Omitted variable bias arises from the fact that predictors of substance use and mental disorders such as personality characteristics (Finn, Sharkansky, Brandt, & Turcotte, 2000), which may have direct importance to labour market outcomes, are generally unavailable in survey datasets. Most of the studies cited above have used selection models to control for unobserved differences between ill and comparison cohorts. However, these studies lacked plausible exclusion restrictions, and they achieved identification primarily through distributional assumptions, a procedure known to yield non-robust estimates. (Puhani, 2000). While we intended to employ Instrumental Variables estimation (Angrist, Imbens, & Rubin, 1996; Greenland, 2000) to address some of these potential limitations, our econometric specification tests revealed that multiple linear regression models for income were an adequate specification, and that IV estimation was unnecessary. Accordingly, to estimate the value of productivity losses for employed persons who remained at work attributable to substance abuse and dependence, we conducted a multivariate linear regression analysis of the personal income data recorded in the CCHS c1.2 for respondents aged 15 to 74 years who participated in the labour force in 2002. The CCHS c1.2 survey asked respondents to report personal income from all sources, and to name all separate sources of income, but it did not record the amount of income from each source. Other socio-demographic and human capital variables included in the income equations were age, marital status, race, geographical residence, categorical variables for education, birth outside of Canada, and dummy variables for several chronic medical conditions. Once the regression models were fit, we took the difference between the predicted mean income of the survey respondents with and without alcohol abuse/dependence,

and with and without illegal drug abuse, controlling for other co-occurring mental disorders, as the final estimate of the productivity losses due to morbidity. All analyses were performed on the CCHS c1.2 microdata at the Toronto Regional Data Centre (RDC) of Statistics Canada.

Methods for allocating costs to provinces

Direct substance-attributable costs were estimated provincially for health care as well as law enforcement. Policy costs (i.e., costs of prevention and research) and other direct costs (such as fire damage, traffic accident damage, losses associated with workplace and administrative costs for transfer payments) associated with substances were estimated nationally, and estimates of provincial costs were based on the per-capita national average. To calculate the substance-attributable costs of productivity losses due to disability, we applied the substance-specific provincial proportions of direct health care costs to the national estimate. Similarly, to allocate the substance-attributable costs of productivity losses due to premature mortality provincially, we applied the substance-specific proportions of provincial mortality to the national cost of productivity losses and calculated the cost to each province accordingly.

CHAPTER III: EPIDEMIOLOGICAL RESULTS

Morbidity due to alcohol

Alcohol-attributable acute care hospital diagnoses and hospital days

Overall in Canada in 2002, there were 195,970 net hospital diagnoses attributable to alcohol, which accounted for 1,246,945 net hospital days in acute care hospitals. Tables 2 and 3 provide the estimates of alcohol-attributable net diagnoses and net hospital days, respectively. Overall, in Canada, 195,970 alcohol-attributable diagnoses among hospital diagnoses from acute care facilities were estimated, accounting for 128,702 hospital diagnoses among males and 67,267 among females.⁷

The 195,970 diagnoses are a net figure, i.e., including estimates of hospital diagnoses prevented by alcohol (61,059). Most of the estimated hospital diagnoses prevented by alcohol were from Ischaemic Heart Disease (IHD) (40,150 hospital diagnoses).

Among acute care hospital diagnoses attributable to alcohol, the three biggest contributors were neuro-psychiatric conditions (36.9%), cardiovascular disease (27.5%), and unintentional injuries (26.5%). With respect to single disease categories within the larger categories, mouth and oropharyngeal cancer (1,591 hospital diagnoses, males: 1,182, females: 409), alcohol dependence syndrome (25,867 hospital diagnoses, males: 18,290, females: 7,577), hypertensive disease (52,167 hospital diagnoses, males: 37,487; females: 14,680), liver cirrhosis (12,126 hospital diagnoses, males: 8,619; females: 3,507), and other unintentional injuries (40,077 hospital diagnoses, males: 23,236; females: 16,841) constituted the largest

⁷ Please note that these numbers were derived by multiplying substance-attributable fractions by hospitalization data for each category, thereby producing numbers with decimals. As a result, there may be rounding errors after collapsing numbers over different categories.

alcohol-attributable categories (Table D-HC-A 1). For provincial estimates of alcohol-attributable acute care hospitalizations see Tables D-HC-A-2 to D-HC-A-14.

Table 3 shows the number of hospital days due to alcohol in acute care facilities in Canada in 2002. Overall, there were 1,246,945 net hospital days due to alcohol (819,065 males; 427,880 females). This constitutes 5.8% of total hospital days in acute care hospitals in Canada 2002. A total of 340,109 hospital days were prevented due to alcohol, with ischaemic heart disease contributing the greatest savings at 205,206 days prevented. The major contributors to hospital days used were identical to those of hospital diagnoses, with the three biggest contributors being neuro-psychiatric disorders (32.4%), cardiovascular diseases (30.1%), and unintentional injuries (28.3%). Individual conditions also showed similar trends to the hospital diagnoses data in terms of dominant contributors: mouth and oropharyngeal cancer (9,704, males: 7,420, females: 2,284), alcohol dependence syndrome (147,027, males: 104,144, females: 42,882), hypertensive disease (302,405, males: 209,406, females: 92,998), liver cirrhosis (84,822, males: 58,477, females: 26,344), other unintentional injuries (288,803, males: 163,488, females: 125,316). For detailed national and provincial estimates of acute care hospital days see Tables D-HC-A-15 to D-HC-A-28.

Alcohol-attributable psychiatric hospitalizations and hospital days

There were 2,058 psychiatric hospitalizations (see Table 4) in 2002 in Canada, which included only alcohol-specific diseases (AAF = 100%) plus an attributable proportion of depression cases. This accounted for 8.1% of all psychiatric hospitalizations in Canada 2002. Overall, males were found to have been admitted between two and six times as often as females for these conditions. Alcohol dependence was the largest contributor in psychiatric admissions, with almost five times as many hospitalizations (1,543, males: 1,046, females: 497) as the next condition (alcohol abuse). Males were responsible for the vast majority of psychiatric

hospitalizations, with over twice as many as females. The highest number of psychiatric hospitalizations was found in males with alcohol dependence syndrome between the ages of 30 and 44, which was the same for females.

Looking at the length-of-stay data, substance-attributable psychiatric hospitalizations accounted for 54,114 days in hospital, which was 1.5% of all psychiatric hospital days in Canada in 2002 (Table 5). Males accounted for approximately 71% of these days. Males and females aged 30–44 constituted the most days in psychiatric hospitals at 12,848 and 5,575, respectively, but these numbers were very similar to those seen in males and females 45–59 as well (12,784 and 4,887, respectively). For both genders, unipolar major depression contributed the fewest substance-attributable hospitalizations and the least number of alcohol-attributable hospital days. For detailed national and provincial estimates of alcohol-attributable psychiatric hospitalizations and hospital days see Tables D-HC-A-29 to D-HC-A-39.

Alcohol-attributable specialized inpatient and outpatient admissions and days of treatment

Specialized treatment centres are also treating a significant portion of alcohol-related diseases (See Table 6). Overall in Canada, it was estimated that there were 183,589 admissions to both inpatient (54%) and outpatient (46%) specialized treatment centres in 2002, the majority of which were among males (74%). This accounted for 3,018,688 hospital days. What is most striking about these data is that, although there were more total inpatient admissions than outpatient admissions, outpatient admissions accounted for almost four times as many hospital days.

Among inpatient admissions, males aged 30–44 accounted for the most admissions at 40% (32,291), but males 40–59 were close behind at 35%. These two age groups together accounted

for three-quarters of all male inpatient admissions and approximately 60% of total inpatient admissions. Among females, those 30–44 also accounted for the most admissions with 8,197 (44% of all females, 8.3% of total) (see Table D-HC-A-40 for Canada and provinces).

With respect to inpatient length of stay, it was estimated that there were 641,168 total alcohol-attributable inpatient hospital days for specialized treatment in Canada in 2002. The same trends are seen with the admissions data, with males accounting for the majority of the hospital days (85%), and middle-aged males 30–59 responsible for the majority of these (45% of total) (see Table D-HC-A-41 for Canada and provinces).

Among outpatients, there were 84,951 alcohol-attributable admissions in Canada in 2002. Males were responsible for the majority of outpatient admissions (66%), especially those aged 30–59, who were responsible for almost 70% of these. Males 30–44 were responsible for the most outpatient admissions (21,907, 26% of total, 39% of all males), but females 15–29 and 30–44 were responsible for a significant number as well (10,499 and 10,234, respectively) (see Table D-HC-A-42 for Canada and provinces).

In 2002, there were 2,377,520 alcohol-attributable outpatient hospital days overall, 66% of which were among males. Men aged 30–59 (collapsed age groups) accounted for the majority of these hospital days (69%) and females aged 15–44 were responsible for the majority among women at 72% (see Table D-HC-A-43 for Canada and provinces).

Mortality due to alcohol

Alcohol-attributable number of deaths

Table 7 provides the estimates of alcohol-attributable net deaths. Overall, in Canada for the year 2002, 4,258 alcohol-attributable net deaths were estimated, accounting for 3,494 deaths

among males and 764 among females. Net deaths of 4,258 constituted 1.9% of all deaths in Canada 2002; males accounted for 3.1% and females accounted for 0.7%.

A total of 8,103 alcohol-attributable deaths were estimated, accounting for 5,744 among males and 2,359 deaths among females. Deaths prevented by alcohol were estimated to be 3,845 accounting for 2,250 among males and 1,595 among females in Canada 2002 (see Table I-A-1).

Among deaths caused by alcohol, cirrhosis of the liver (1,246 deaths, males: 882; females: 364), motor vehicle accidents (909 deaths, males: 746; females: 163), suicides/self-inflicted injuries (603 deaths, males: 493; females: 109), oesophageal cancer (501 deaths, males: 407; females: 95), and cardiac arrhythmias (449 deaths, males: 243; females: 205) constituted the largest alcohol-attributable categories. Most of the estimated deaths prevented by alcohol were from IHD (2,951 deaths) and almost 80% of these prevented deaths occurred after age 70.

With respect to age, the overall average age for alcohol-attributable death was 46.4 years for males and 56.6 years for females. There were notable differences in average age among disease categories. For example, for depression, the average age for alcohol-attributable death was 78.6 years for males and 82.8 years for females. Conversely, deaths due to homicide occurred at the age of about 35.7 years for males and 37 years for females. For detailed provincial estimates of alcohol-attributable mortality see Tables I-A-2 - I-A-14.

Alcohol-attributable years of life lost

In 2002, 147,571 net life-years were lost in Canada due to alcohol, accounting for 113,380 years among males and 34,191 years among females (Table 8). This represents 4.8% of all

PYLLs in Canada 2002 (males 7.0%; females 2.3%). For detailed national and provincial estimates of alcohol-attributable PYLLs, see Table E-P-1.

Morbidity due to illegal drugs

Illegal drug-attributable acute care hospitalizations and hospital days

Table 2 provides estimates of the number of hospital diagnoses due to drug-attributable illnesses in Canada 2002. Overall, for the year 2002, 61,026 drug-attributable diagnoses at acute care hospitals were estimated, accounting for 32,547 for males and 28,479 for females. Hospital diagnoses attributable to use of illegal drugs were dominated by mental and behavioural disorders due to psychoactive substance use. There were 22,291 diagnoses for males and 16,180 for females, totalling 38,470. This constituted about 63% of all illegal drug-attributable diagnoses in acute care hospitals. With respect to single disease conditions within mental and behavioural disorders due to psychoactive substance use, multiple drug use and use of other psychoactive substances was the largest specific cause of hospital diagnoses (11,125 hospital diagnoses, 6,238 males, 4,888 females), followed by cocaine (9,152 hospital diagnoses, 5,344 males, 3,808 females), cannabinoids (9,127 hospital diagnoses, 6,015 males; 3,112 females), and opioids (6,700 hospital diagnoses, 3,270 males; 3,429 females). The second major contributor was opiate (including cannabis) and cocaine poisoning (non-fatal overdoses) (17.7%; 10,810 hospital diagnoses, 4,815 males, 5,996 females). The third and fourth largest drug-attributable category of hospital diagnoses attributable to illegal drug use were hepatitis C (HCV) (7.6%; 4,682 hospital diagnoses, 2,819 males, 1,863 females), followed by non-fatal suicide (6.7%; 4,101 hospital diagnoses, 598 males, 3,503 females).

Overall, illegal drug use affected males and females in terms of morbidity almost equally.

Females had a higher number of hospital diagnoses of illegal drug-attributable suicide and opiate and cocaine poisoning than males. The average age for illegal drug-attributable hospital

diagnosis was 38.3 years for males and 39.8 years for females, but the majority of diagnoses (40,463) occurred at ages 15 to 44, accounting for 66% of total hospital diagnoses attributable to use of illegal drugs. For detailed national and provincial estimates on illegal drug-attributable acute care hospitalizations, see Tables D-HC-D-1 to D-HC-D-14.

Table 3 shows the number of hospital days spent in acute care hospitals due to morbidity attributable to illegal drugs in Canada in 2002. Overall, there were 352,121 hospital days due to illegal drug use (189,657 males, 162,465 females). This constitutes 1.6% of total hospital days in acute care hospitals in Canada 2002.

The major contributors to hospital days used were identical to those of hospital admissions, with the four biggest contributors being: (1) mental and behavioural disorders due to psychoactive substance use, (2) opiate (including cannabis) and cocaine poisoning (non-fatal overdoses), (3) viral hepatitis C, and (4) non-fatal suicide. Individual conditions also showed similar trends to the hospital diagnoses data in terms of dominant contributors: multiple drug use and use of other psychoactive substances was the largest specific cause of hospital days (65,120 hospital days, 34,657 males, 30,463 females), followed by cannabinoids (56,189 hospital days, 39,301 males, 16,888 females), cocaine (43,561 hospital days, 26,301 males, 17,260 females), and opioids (41,694 hospital days, 19,562 males, 22,132 females).

Overall, males stayed longer in hospital than females due to illegal drug morbidity with the same exceptions as for hospital diagnoses: non-fatal suicide and overdoses. For detailed national and provincial estimates of illegal drug-attributable hospital days see Tables D-HC-D-15 to D-HC-D-28.

Illegal drug-attributable psychiatric hospitalizations and hospital days

There were 1,517 illegal drug-attributable psychiatric hospitalizations in Canada in 2002 (male: 1,022; female: 495), which was almost 6% of all hospital separations in Canada 2002 (Table 4). This indicates that twice as many males as females were hospitalized in psychiatric hospitals due to illegal drugs.

Drug psychoses were the largest contributor to psychiatric hospital admissions (352 hospitalizations, 255 males, 97 females), followed by opioid abuse (332 hospitalizations, 199 males, 133 females) and cocaine abuse (329 hospitalizations, 234 males, 95 females).

Overall, illegal drug use affected more males (67.4%) than females in terms of psychiatric morbidity. The highest number of psychiatric hospitalizations (1,237) was found between the ages of 15 and 44, accounting for 81.5% of all illegal drug-attributable psychiatric hospitalizations.

There were 31,508 psychiatric hospital days attributable to illegal drug use, which constituted 0.9% of all psychiatric hospital days in Canada in 2002 (Table 5). The major contributors to hospital days in psychiatric hospital were identical to hospitalizations: drug psychoses (7,995 days, 6,056 males, 1,939 females), opioid abuse (6,896 days, 3,958 males, 2,938 females), and cocaine abuse (6,652 days, 4,882 males, 1,770 females). Males were responsible for the vast majority of illegal drug-attributable hospital days, i.e., 21,881 compared to females at 9,627. For detailed national and provincial estimates of psychiatric hospitalizations and psychiatric hospital days attributable to illegal drugs, see Tables D-HC-D-29 to D-HC-D-39.

Illegal drug-attributable specialized inpatient and outpatient admissions and days of treatment

Overview Table 6 provides estimates of the number of admissions and days in specialized inpatient and outpatient treatment of illegal drug dependency in Canada in 2002, of which there were 47,073 inpatient admissions and 92,700 outpatient admissions. Males had more than twice as many inpatient admissions as females (males: 32,989, females: 14,085). The highest number of admissions for both genders (42,234) for the inpatient group was for the ages 15–44, accounting for 89.7% of all inpatients.

Of the 92,700 outpatient admissions for specialized treatment of illegal drug dependency in Canada, 58,239 were males and 34,461 were females. The highest number of admissions (66,530) for the outpatient group for both genders was for those between the ages of 15 and 29, accounting for 72.0% of all outpatients.

For both the inpatient and outpatient groups, males were responsible for the majority of treatment days. Total treatment days for the inpatient section was 299,694 days (210,783 males, 88,911 females). Total treatment days for the outpatient section accounted for 2,552,135 days, with 1,621,727 males and 930,408 females. For detailed national and provincial estimates of specialized treatment and days in treatment attributable to illegal drug use, see Tables D-HC-D-40 to D-HC-D-43.

Mortality due to illegal drugs

Illegal drug-attributable number of deaths

Table 7 shows the estimates of illegal drug-attributable deaths. Overall, in Canada for the year 2002, 1,695 illegal drug-attributable deaths were estimated, accounting for 1,183 deaths among males and 512 among females. Please note that some of these numbers were derived by multiplying DAFs by the number of deaths for each sex and age groups, thereby producing numbers with decimals. As a result, there may be rounding errors after collapsing numbers over different categories.

The 1,695 illegal drug-attributable deaths constituted 0.8% of all Canadian deaths. Among deaths caused by illegal drugs, the biggest contributor was drug overdose deaths. There were 733 overdoses for males and 225 for females, totalling about 958 deaths. This constituted 56.5% of all illegal drug deaths in Canada. The second major contributor was drug-attributable suicide (17.4%; 295 deaths, males: 146; females 149). The third largest drug-attributable category of death was hepatitis C infection (9.7%; 165 deaths, males: 102; females: 62), followed by HIV infection (5.1%; 87 deaths, males: 74; females: 13).

Overall, illegal drug use affected mortality among males more than among females: in males 1.0% of the deaths were drug-attributable, whereas in females, 0.5% of the deaths were due to illegal drugs (in the age group under 70, 2.4% of the deaths for the same age groups: 2.8% in males; 1.8% in females).

With respect to age, the overall average age for illegal drug-attributable death was 42.1 years for males and 44.2 years for females. There were notable differences in average age among disease categories. For example, for hepatitis C, the average age for illegal drug-attributable

death was 58.4 years for males and 64.3 years for females. Conversely, deaths due to overdoses occurred at the age of about 37 years for both males and females. For detailed national and provincial estimates of illegal drug-attributable mortality see Tables I-D-1 to I-D-14.

Illegal drug-attributable years of life lost

In 2002, Canadian residents lost an estimated 62,110 years of life as a result of premature mortality due to consumption of illegal drugs (42,306 years of life lost among males and 19,805 years lost among females) (Table 8). This represents 2.0% of all PYLLs in Canada 2002 (males: 2.6%; females: 1.3%).

The PYLL rate for deaths due to illegal drug use was 288 per 100,000 males and 135 per 100,000 females aged 0 to 80+. That is, for every 100,000 population, there was a potential loss of 288 years of life among males and 129 years of life among females as a result of premature death due to illegal drug use. The PYLL rate for males was more than twice as great as that for females. For detailed national and provincial estimates of illegal drug-attributable PYLLs, see Table E-P-2.

Morbidity due to tobacco

Tobacco-attributable acute care hospital diagnoses and hospital days

Table 2 provides estimates of tobacco-attributable hospital diagnoses. Overall, in Canada for 2002, 339,179 tobacco-attributable hospital diagnoses from acute care facilities were estimated, accounting for 218,791 hospital diagnoses among males and 120,388 among females. Among hospital diagnoses caused by tobacco, the three biggest contributors were cardiovascular disease, malignant neoplasms and respiratory disease. The single disease category of ischaemic heart disease accounted for 30.3% of the tobacco-attributable hospital diagnoses

(102,704 diagnoses; males: 75,814; females: 26,890). The next largest single categories were cardiac arrhythmias (29,623 hospital diagnoses, males: 19,222, females: 10,401), and lung cancer (28,929 hospital diagnoses, males: 18,488, females: 10,441). With respect to age, the overall average age for a tobacco-attributable hospital diagnosis was 61.9 years for males and 62.8 years for females. There were notable differences among disease categories. For fire injuries, the average age for a tobacco-attributable hospital diagnosis was 44.9 years for males and 53.9 years for females. The average age for tobacco-attributable hospital diagnoses due to the toxic effects of tobacco and nicotine occurred at the age of 29.5 years for males and 37.0 years for females. For detailed national and provincial estimates of tobacco-attributable acute care hospital diagnoses, see Tables D-HC-S-1 to D-HC-S-14.

Table 3 provides estimates of tobacco-attributable hospital days. Overall, in Canada for the year 2002, 2,210,155 hospital days were estimated to be attributable to tobacco (males: 1,359,159; females: 850,996). This constitutes 10.3% of all hospital days in acute care hospitals in Canada 2002 (males: 14.1%; females: 7.2%).

Among the hospital days caused by tobacco, the three biggest contributors were cardiovascular disease, malignant neoplasms and respiratory disease. The single disease categories that accounted for the most tobacco-attributable hospital days were ischaemic heart disease (21.0%; 463,625 hospital days; males: 327,021; females: 136,604). The next largest single categories were lung cancer (8.9%; 199,362 hospital days, males: 124,082; females: 75,280), and pneumonia and influenza (8.7%; 193,684 hospital days; males: 118,770, females: 74,914). For detailed national and provincial estimates of tobacco-attributable acute care hospital days, see Tables D-HC-S-15 to D-HC-S-28.

Mortality due to tobacco

Tobacco-attributable number of deaths

Table 7 provides the estimates of SAM by disease and PSAM for lung cancer and IHD. Results show that, overall in Canada, 37,209 tobacco-attributable deaths were estimated, accounting for 23,766 deaths among males and 13,443 among females for the year 2002, including 58 boys and 33 girls under the age of one who died as a result of tobacco-attributable causes. The 37,209 tobacco-attributable deaths constituted 16.6% of all Canadian deaths, 21.0% among males and 12.2% among females (there were 113,266 male and 110,337 female deaths in Canada in 2002).

Most of the deaths attributable to tobacco can be grouped into three broad categories. The three biggest contributors were cancers (malignant neoplasms), cardiovascular diseases (CVD) and respiratory diseases (see Table I-S-1). Cancer accounted for 46.8% of tobacco-attributable deaths (17,427 deaths, males: 11,861; females: 5,566), CVD accounted for 27.6% (10,275 deaths, males: 6,373; females: 3,902), respiratory disease accounted for 22.3% (8,282 deaths, males: 4,788; females: 3,494) and total deaths due to ETS (lung cancer and IHD) accounted for 2.2% (831 deaths, males: 507, females: 324). With respect to single disease categories within these broad categories, lung cancer (13,401 deaths, males: 9,028; females: 4,373), COPD (7,533 deaths, males: 4,378; females 3,155), and IHD (5,343 deaths, males: 3,837; females:1,506), constituted the largest tobacco-attributable categories. These three diseases, together, accounted for more than two-thirds (70.6%) of all tobacco-attributable deaths in Canada in 2002. Almost two-thirds (63.9%) of those who died from tobacco-attributable causes in Canada were males.

In addition, 2.2% of all deaths (831 deaths, males: 507; females: 324) aged 15 years and over died as a result of ETS exposure in 2002. Specifically, 252 Canadians (males: 157; females: 95)

died from lung cancer PSAM while 579 Canadians (males: 350; females: 228) died from IHD PSAM.

For some of the individual causes of death, tobacco was responsible for more than 75% of the deaths: lung cancer (78.0%), pulmonary circulatory disease (79.1%), and COPD (79.7%). In terms of absolute numbers, more males than females died of tobacco-attributable causes. This probably is a reflection of the higher rates of current smoking tobacco among males. Smoking caused 28% (55) out of 198 fire deaths. For detailed provincial estimates of tobacco-attributable mortality, see Tables I-S-2 to I-S-14.

Tobacco-attributable years of life lost

Canadian residents lost an estimated 515,607 PYLLs as a result of premature mortality resulting from tobacco smoking (316,417 years of life lost among males and 199,191 years lost among females) (Table 8). The PYLL rate for deaths due to tobacco was 2,151 per 100,000 for males and 1,302 per 100,000 for females aged 0 to 80+. That is, for every 100,000 population, there was a potential loss of 2,151 years of life among males and 1,302 years of life among females as a result of premature death due to tobacco. A high PYLL rate for males was observed, indicating a 65% higher level of premature mortality among males compared to females. Cancer was the leading cause of tobacco-attributable PYLL in Canada in 2002, responsible for 262,261 years of potential life lost (162,612 male and 99,649 female). CVD caused a loss of 151,604 years (97,824 male and 53,780 female). Respiratory disease caused 79,328 years to be lost (42,009 male and 37,319 female). This represents 16.7% of all PYLLs in Canada 2002 (males: 19.6%; females: 13.5%).

Overall, tobacco smoking affected more males than females: in males 21% of the deaths were tobacco-attributable, compared to 12.2% of the deaths among females. The overall average

age for tobacco-attributable death was 71.2 years for males and 73.4 years for females. There was no large notable difference found between disease categories except fire injury. For this category, the average age for a tobacco-attributable death was 46.7 years for males and 58.0 years for females. For detailed national and provincial estimates of tobacco-attributable PYLLs, see Table E-P-3.

CHAPTER IV: DIRECT HEALTH CARE COSTS

Costs of substance-attributable acute care hospitalizations

It was estimated that there were 1,246,945 acute care hospital days attributable to alcohol, 352,121 days attributable to illegal drugs (including cannabis: 58,575 days) and 2,210,155 days attributable to tobacco (including passive smoking: 46,700 days) in Canada in 2002. The cost of these hospital days is estimated to be \$1,458.6 million for alcohol, \$426.4 million for illegal drugs (including cannabis: \$73.0 million) and \$2,551.2 million for tobacco (including passive smoking: \$53.6 million). Thus, the total cost of substance-attributable acute care hospitalizations is estimated at more than \$4.4 billion. Details of the acute care costs are presented in Table 9.

Costs of substance-attributable psychiatric hospitalizations

It was estimated that there were 54,114 psychiatric hospital days attributable to alcohol and 31,508 days attributable to illegal drugs (including cannabis: 4,000 days) in Canada in 2002 (no psychiatric hospital days were attributable to tobacco) (Table 5). The cost of these hospital days is estimated to be \$19.6 million for alcohol and \$11.5 million for illegal drugs (including cannabis: \$1.5 million). Thus the total cost of substance-attributable psychiatric hospitalizations is estimated at approximately \$31.2 million. Details of the psychiatric cost are presented in Table 9.

Costs of substance-attributable inpatient specialized treatment

It was estimated that there were 641,168 inpatient specialized treatment days attributable to alcohol and 299,694 inpatient specialized treatment days attributable to illegal drugs in Canada in 2002 (no inpatient specialized treatment data for tobacco were available) (Table 6). The

costs of these inpatient specialized treatment days is estimated to be \$754.9 million for alcohol and \$352.1 million for illegal drugs. Thus, the total cost of substance-attributable inpatient specialized treatment days is estimated at more than \$1.1 billion. Details of the inpatient specialized treatment cost are presented in Table 9.

Costs of substance-attributable outpatient specialized treatment

It was estimated that there were 2,377,520 outpatient specialized treatment days attributable to alcohol and 2,552,135 outpatient specialized treatment days attributable to illegal drugs in Canada in 2002 (no outpatient specialized treatment data for tobacco were available) (Table 6). The costs of these outpatient specialized treatment days is estimated to be \$52.4 million for alcohol and \$56.3 million for illegal drugs. Thus, the total cost of substance-attributable outpatient specialized treatment days is estimated to be in excess of \$108.7 million. Details of the outpatient specialized treatment cost are presented in Table 9.

Costs of substance-attributable ambulatory care

In this report, ambulatory care costs are estimated based on physician fees. Ambulatory care visits include emergency visits, day/night care visits, and specialty/private clinic visits. It was estimated that there were 1,537,269 ambulatory care services attributable to alcohol, 434,104 ambulatory care services attributable to illegal drugs, and 2,724,741 ambulatory care services attributable to tobacco. For national and provincial number of ambulatory care services attributable to substance abuse, please see Table D-HC-8. The costs of these ambulatory care services were estimated to be \$80.2 million for alcohol, \$22.6 million for illegal drugs, and \$142.2 million for tobacco. Thus, the total cost of substance-attributable ambulatory care services was estimated at more than \$245.0 million. Details of the cost of ambulatory care are presented in Table 9.

Costs of substance-attributable family physicians

The family physician visit costs were estimated to be \$172.8 million for alcohol, \$48.8 million for illegal drugs, and \$306.3 million for tobacco. Thus, the total cost of substance-attributable family physician fees was estimated at more than \$527.9 million. Details of the cost relating to family physician fees are presented in Table 9.

Costs of substance-attributable prescription drugs

In Canada, \$13.2 billion was spent on prescription drugs in 2002. For the treatment of substance abuse, total cost of prescription drugs was estimated at more than \$2.3 billion. Costs of prescription drugs dispensed in retail stores for the individual treatment of alcohol, illegal drugs and tobacco was estimated to be \$767.6 million for alcohol, \$216.8 million for illegal drugs, and \$1,360.5 million for tobacco. Details of the cost of prescription drugs are presented in Table 9.

For provincial overall health care costs due to alcohol, illegal drugs and tobacco, see Table 10.

CHAPTER V: DIRECT COSTS OF LAW ENFORCEMENT ATTRIBUTABLE TO SUBSTANCE ABUSE

Substance-attributable policing costs

Given the information currently available, it was estimated that 30.4% of all recorded criminal offences are attributable to alcohol and 22.1% of such offences are attributable to illegal drugs. These fractions were translated into 761,638 incidents caused by alcohol and 554,131 incidents due to illegal drugs. Of all alcohol-attributable incidents, almost 79.5% of crimes were provincial alcohol statutes, 3.8% were due to impaired driving and 16.7% were violent crimes. Similarly, of all illegal drug-attributable incidents, 96.2% of incidents involved drug laws and 3.8% of all incidents were violent crimes. Details of the calculations and costs are presented in Table 11 and 12.

In 2002, total public policing costs in Canada were estimated at \$6,149.2 million. The cost of policing attributable to alcohol is estimated at \$1,898.76 million, and the cost of policing attributable to illegal drugs is estimated at \$1,431.96 million for 2002.

Substance-attributable court costs

It was estimated that 35.8% of all criminal charges dealt with in courts are attributable to alcohol and 23.1% are attributable to illegal drugs. These fractions were translated into 206,594 alcohol-induced and 133,120 illegal drug-induced charges. Of all alcohol-attributable incidents, almost 61% of charges were with regard to provincial alcohol statutes, 9.5% of charges were due to impaired driving and 29.5% were violent crimes. Similarly, of all illegal drug-attributable incidents, 92.4% of incidents involved drug laws and 7.6% of all incidents involved violent charges.

Court costs attributable to the processing of alcohol- and drug-attributable criminal charges are estimated to be \$513.07 million for alcohol and \$330.6 million for illegal drugs in Canada for 2002. These costs include all expenses for court staff, including judges, as well as expenditures associated with legal aid services and prosecutors. Details of the calculations and costs are presented in Table 13 and 14.

Substance-attributable correctional costs

Correctional costs include costs for penal institutions, probation and parole services for adult and young offenders at both the provincial and federal level. It was estimated that 24,236 of total adult sentences to provincial custody were due to alcohol, including violent crimes (4,271), and 19,838 were due to illegal drugs, including violent crimes (712). Of all youth offenders sentenced to provincial custody, 2,103 were sentenced for alcohol, including violent crimes (371), and 1,721 were sentenced for illegal drugs, including violent crimes (62). Of all adult sentences to federal custody, 1,823 offenders were sentenced due to alcohol and 1,746 offenders were sentenced due to illegal drugs.

It was estimated that the costs of correctional services for persons sentenced for alcohol-attributable offences were \$660.4 million (adult corrections: \$269.6 million, youth corrections: \$158.2 million, federal adult corrections: \$232.6 million) and drug-attributable offences were \$573.0 million (adult corrections: \$220.7 million, youth corrections: \$129.5 million, federal adult corrections: \$222.8 million). Details of the calculations and costs are presented in Table 15.

CHAPTER VI: DIRECT COSTS FOR PREVENTION, RESEARCH AND OTHER SUBSTANCE-ATTRIBUTABLE MATTERS

Costs for prevention and research

Prevention and research are policy costs attributable to alcohol, illegal drugs and tobacco. They represent expenditures, usually by governments, for programs that are assumed to prevent even higher costs than would be the case if these programs were not in place.

Table D-PR-1 shows estimates of direct costs for substance-attributable prevention and research in Canada 2002. The Canadian Institutes of Health Research provided expenditures on all awards and grants related to research on alcohol, illegal drugs, cannabis and tobacco in Canada 2002. Expenditures for alcohol were \$1.5 million, for illegal drugs were \$4.7 million (including cannabis \$197,408) and for tobacco were \$1.5 million.

The second source for tobacco estimates on prevention and research was the Federal Tobacco Control Program, Health Canada. In 2002, \$7.5 million was spent on tobacco research and \$48.4 million for tobacco prevention. The budget for prevention was allocated to the following tobacco control activities: Regulations (\$4.1 million); Compliance (\$7.0 million); Prevention, Cessation and Protection Activities (\$9.6 million); Policy and International Work (\$2.9 million); Mass Media Campaigns (\$14.8 million); and Mass Media Contribution Fund (\$6,874). In addition, the First Nations and Inuit Health Branch also received \$10 million to carry out prevention, cessation and protection activities for First Nation populations living on-reserve and for Inuit populations living in the three territories.

In addition, estimates for prevention and research from other agencies were obtained: \$51.4 million was spent on alcohol, \$11.8 million on illegal drugs, and \$20.8 million on smoking

tobacco prevention and research. An estimated amount of \$1.8 million was spent on salaries and operating funds (this estimate was available only for alcohol).

In total, it was estimated that \$147.6 million was spent on alcohol, illegal drugs and tobacco prevention and research in Canada 2002. Of this total, \$53.0 million was spent on alcohol, \$16.5 million on illegal drugs and \$78.1 million on tobacco prevention and research (Table 16).

Fire damage

Estimated AFs for alcohol and tobacco were applied to the total fire damage to property in Canada 2000 (\$1.19 billion) which resulted in estimates of \$156.5 million for alcohol-attributable fire damage and \$86.5 million for tobacco-attributable fire damage, resulting in total of \$243 million (Table 16).

Traffic accident damage

Estimated AFs for alcohol and illegal drugs were applied to the total property damage claims of \$3,942 million arising from traffic accidents in Canada in 2000. These resulted in estimates of \$756.9 million for alcohol-attributable and \$67.0 million for illegal drugs property damage from motor vehicle accidents (Table 16).

Losses associated with the workplace

It was estimated that in 2002, \$21.7 million was spent on EAP and health promotion programs: \$17.0 attributable to alcohol, \$4.2 million attributable to illegal drugs and \$0.5 million attributable to tobacco (Table 16). In addition, 2.4 million for illegal drugs was spent on drug testing in the workplace.

Administrative costs for transfer payments

Administrative costs for social welfare and other programs attributable to alcohol were estimated to be \$4.3 million in Canada 2002. In addition, \$66.9 million was spent on administrative costs for workers' compensation programs: \$61.5 million for alcohol and \$5.4 million for illegal drugs (Table 16).

CHAPTER VII: INDIRECT COSTS

Productivity losses due to short-term disability

Tables I-PR-1 and I-PR-3 present the number of days Canadians spent in bed and days with reduced activity due to alcohol or drugs dependence in 2002. Corresponding productivity losses as measured by forgone income are also reported.

The figures were obtained by analyzing data from the Canadian Community Health Survey, Cycle 1.2. Self-reported days in bed/days with reduced activity due to own mental health or alcohol or drug addictions were based on a 14-day recall period, adjusted for the labour force participation rate derived from the survey, and converted to annual figures. Multivariate linear regression modelling was used to apportion the number of days in bed with reduced activity to a specific condition, such as alcohol or drug dependence. To monetize the value of bed-days, respondents' daily wage was imputed from self-reported annual income adjusted for labour force participation derived from the survey.

In 2002, Canadians spent 1,079,626 days in bed due to either alcohol, tobacco or illegal drug dependence. A total of 311,293 days in bed were attributable to alcohol dependence, 216,581 days in bed were due to illegal drug dependence and 551,753 were due to tobacco dependence. These bed-days translated into \$62,041,167 in addiction-attributable income losses, \$15,884,710 of income lost due to alcohol dependence, \$21,797,508 lost to illegal drug dependence and \$24,358,948 due to tobacco dependence (see Table I-PR-2).

Table I-PR-3 reports days with reduced activity and corresponding income losses. In 2002 Canadians reported 540,715 days with reduced activity attributable to alcohol, drugs or tobacco. This translated into \$59,786,966 in lost income/productivity losses on an annual basis. The

methods to monetize the reduced activity days were the same as for total bed days, except that respondents were assumed to be only half as productive on reduced activity days as on regular days (see Table I-PR-4).

Productivity losses due to long-term disability

Tables I-PR-5 and I-PR-6 report the number of Canadians who did not participate in the labour market due to their own disability. Overall, 62,846 Canadians were not looking for work and were not part of the labour force in 2002 due to their own illness/disability. Assuming that these respondents were permanently disabled, the number of lost years of productivity was 2,322,243 overall, with 718,512 in years of productivity lost due to alcohol dependence, 564,375 due to illegal drug dependence and 1,039,356 due to tobacco dependence. These figures do not add up to the total due to overlap of alcohol- and drug-dependent conditions.) The figures were obtained as a product of the number of persons who didn't look for work due to their own disability and the number of expected productive years of life lost.

The years of productivity losses translated into \$21,109.1 million overall for alcohol, illegal drug and tobacco dependence, with \$6,163.9 million lost due to alcohol dependence, \$4,408.4 million lost due to illegal drug dependence and \$10,536.8 million lost due to tobacco dependence.

These values were derived by multiplying the number of potential years of productivity losses by average earnings in Canada, adjusted by labour force participation and productivity growth rate, and discounted to the present value using a 5% discount rate.

Productivity losses estimated using the Friction Cost Approach

Friction costs due to alcohol

Alcohol-attributable deaths translated into \$29,982,063 (2002 Canadian dollars) of productivity losses represented by the costs of replacing prematurely deceased workers. This cost was estimated by the product of the number of alcohol-attributable deaths and the three month-weighted annual average earnings (in 2002 Canadian dollars) adjusted for gender and age-specific labour force participation rates. Those permanently excluded from the labour market due to their own disability were considered separately (see Table I-PR-7).

Friction costs due to illegal drugs

Illegal drug-attributable deaths translated into \$7,175,316 in productivity losses, \$6,202,926 among males (86%) and \$972,390 among females (14%) (see Table I-PR-7).

Friction costs due to tobacco

It was estimated that tobacco-attributable deaths translated into \$68,651,729 in productivity losses related to costs of replacing the prematurely deceased workers. Eighty-one percent (81%) of tobacco-attributable productivity losses estimated using the friction cost method were attributable to males (\$55,947,747 in terms of dollar value) and 19% to females (\$12,703,981). The gap between gender distribution of deaths and the value of productivity losses by gender was due to gender differences in labour force participation rates as well as differences in average earnings.

Overall, the friction cost of replacing the prematurely deceased workers amounted to \$105,809,107 in Canada 2002. Tobacco accounted for 65% of these costs, alcohol was responsible for 28% and illegal drug-attributable deaths accounted for 7% of the total. Eighty-

three percent (83%) of the total friction costs were caused by substance-attributable deaths among males and 17% were attributable to females (see Table I-PR-7).

The computations were based on the following data sources: "Causes of deaths 1999" tables by Statistics Canada, Aetiological fraction tables, Labour Force Participation rates for Canada 2002 by age group and gender (based on Labour Force Survey for 2002 by Statistics Canada) and "Earnings of Canadians" by gender based on Census 2001 data inflated to 2002 level using the Fixed Weighted Index of Average Hourly earnings for all employees.

Hybrid approach to calculating substance-attributable productivity losses

Substance abuse was responsible for \$3,045.0 million of productivity losses measured by the Hybrid Approach. A total of \$2,013.0 million was attributable to substance consumption by males (66% of total) and \$1,032.1 million by females (34% of total) (see Table I-PR-7).

The costs estimated by the Hybrid Approach were derived as a sum of Friction Cost and Discounted Present Value of Reservation Wage Stream. This was obtained by adjusting the potential years of life lost by the labour force participation rates and productivity growth rates, multiplying these numbers by average reservation wage and discounting the reservation wage stream to the present using a 5% discount rate. The 2000 value of reservation wage was computed based on data from the General Social Survey 1998, Cycle 12: "Time Use as well as Statistics Canada's publication "Households' Unpaid Work". The Replacement Specialist Approach was used to assign value to various jobs comprising household work, which were averaged over all household activities using time weights. These values were inflated to the 2002 level using the general CPI. Both the PV of the Reservation Wage Stream for the Replacement Worker (a component of the Hybrid Approach depicted in the Summary Table)

and the PV of Annual Earnings for the Deceased Worker (Human Capital Approach) were adjusted for age and gender-specific labour force participation rates, productivity growth rates (assumed to be 3% a year), and were discounted to the present using a 5% discount rate.

Human capital approach to calculating substance-attributable productivity losses

Substance abuse-attributable productivity losses were estimated at \$5,440.0 million in Canada 2002. Eighty-one percent (81%) of this amount was attributable to males and 19% to females. Alcohol accounted for 34%, illegal drugs for 9% and tobacco for 58% of total costs. The gender distribution reflects differences in potential years of life lost for males and females, differences in labour force participation rates, and average earnings disparities by gender (see Table I-PR-7).

The Costs were estimated based on potential years of life lost adjusted for labour force participation and productivity growth rates as well as the Present Value of Annual Average Earnings Stream. The 2000 level of Discounted Present Value of future annual earnings stream (by gender) was inflated to 2002 level using a wage inflation index for Canada.

CHAPTER VIII: COMPARISON OF EPIDEMIOLOGICAL RESULTS WITH PREVIOUS COST STUDY

In 1996, Eric Single and colleagues produced a landmark publication that summarized the overall social cost of substance abuse for the year 1992, and which included a comprehensive summary of substance-attributable health-related indicators. It is important that, given the update of this information for 2002, a comparison be drawn against that original document to investigate changes to the epidemiological profile. The following summary highlights the differences and similarities between 1992 and 2002 in terms of substance-attributable mortality and morbidity indicators using a number of different measures such as deaths, potential years of life lost, and number of acute hospital days. In such a comparison, it is first necessary to account for any major differences between these two time points that may confound the interpretation.

In Canada from 1992 to 2002, there have been three major epidemiological shifts that may affect comparisons between these two time points. The first is that Canada's resident population has been growing (Statistics Canada, 2005). This results in greater numbers of deaths as a whole (increase of 13.5% from almost 197,000 deaths in 1992 to 223,600 in 2002), as well as in most substance-attributable disease categories that are accounted for in this study, so all comparisons will be drawn relative to the 2002 population. The second major epidemiological shift is that Canada's population became older on the whole, with relatively higher numbers in those age groups (65 years and older) that tend to account for the majority of the death, disability, and disease. A third shift is much harder to capture, and is related to trends in population rates of disease and subsequent changes in distributions among diseases. For example, the standardized rate of cardiovascular death has been declining for more than four decades (1960: 617 deaths per 100,000; 1999: 233 deaths; Public Health Agency of Canada,

2002) and at a higher rate than other mortality categories, and thus cardiovascular deaths have become relatively less important in the period between 1992 and 2002. To capture these effects for more than 80 substance-attributable disease categories in a relatively short time period of 10 years and relate them to risk factors is, however, an almost impossible task, so that we restrict ourselves to describing only major epidemiological shifts.

To summarize: there have been major epidemiological shifts in Canada and it is clear that in comparing trends of substance-attributable mortality and morbidity, non-substance-related epidemiological trends have to be recognized for their impact on substance-attributable outcomes over the time period examined.

Comparisons of causes of death in the elderly bring some particular methodological problems. With increasing age, causes of death as officially certified tend to be less valid than for younger aged populations because of multiple causes involved (Minder, 1984; Kesteloot & Verbeke, 2005). Second, relative risks (RR) for substance-attributable mortality and morbidity indicators tend to be applicable for mid-age deaths and there is a strong indication that relative risks tend to converge to one with increasing age (Rehm et al., 2006), thus leading to an overestimation of substance-attributable fractions in older age groups. Therefore, in this analysis, death was compared in two different ways: overall deaths and deaths for those under the age of 70.

This analysis contrasted and compared 1992 and 2002 estimates of substance-attributable deaths, potential years of life lost, and hospital days in two different ways:

- Using identical methodology (from Single et al., 1996).
- Using the new methodology as described earlier in this study: this analysis compared 2002 data based on the Single et al. (1996) method with the Rehm et al. (2006) method.

Comparison based on Single et al. (1996) methodology

Using identical methods clearly improves the 10-year comparison by incorporating “internal controls”, where similar assumptions and potential inconsistencies are accounted for, meaning that differences between the two time points can be seen more clearly and attributed to real changes in exposure and epidemiological shifts in distribution. Using the Single et al. method, the RRs for 1992 were kept the same for the 2002 calculations; theoretically the only methodological difference between the 1992 and 2002 data is exposure measurement. Any changes seen can be attributed to a combination of the true exposure change (e.g., higher volume of alcohol consumed per person) and the exposure measurement change (i.e., improvements in measuring both volume of alcohol (for more information see Rehm et al., 2001, 2004), and epidemiological shifts.

Table 17 shows the overall comparisons of substance-attributable health burden between 1992 and 2002 for three separate indicators using Single’s methodology: deaths, PYLL, and hospital days. These calculations show that, overall, similar trends can be seen across all the indicators. Both total number of deaths and PYLLs increased from 1992 to 2002, but total number of hospital days and deaths under 70 years decreased overall. It should be noted that these totals summing up the substance-specific consequences are an overestimate and give a rough estimate only because relationships among the three types of substance-attributable deaths have been shown to be multiplicative in theory and practice, thus leading to overlap in attributable mortality and morbidity among substances (Taylor & Rehm, in press). However, the overestimate may not be very problematic; Collins and Lapsley (2002) found for Australia in 1998-1999, that double counting led to an overestimate of 2.2% of the total mortality caused by addictive substances.

The relative difference over all indicators between 1992 and 2002 saw illegal drug-related indicators increase the most, followed by alcohol-related indicators, and lastly tobacco-related indicators. There are a number of reasons that contribute to this overall increase in drug-attributable morbidity and mortality. First, increases look bigger for this class of substances since illegal drugs account for the lowest raw numbers for all three measures, so small increases are proportionally much larger than for alcohol or tobacco. Second, there were simply more drug overdose deaths in 2002 compared to 1992 (958 vs. 172), in part because the current study relied on coroners' reports rather than on official Statistics Canada mortality statistics. Third, in 2002, drug-attributable hepatitis C deaths and traffic accident deaths attributable to cannabis and cocaine were also estimated in 2002, which was not accounted for in 1992. The last reason is that the regular drug-using population in 2002 was older than in 1992, thereby increasing their risk of death naturally.

Another interesting trend is that tobacco, alcohol, and illegal drugs follow the same rank order in 1992 and 2002 as high, middle, and low contributors (tobacco as a negative contributor in deaths and hospital days) for each indicator, respectively.

Looking at the mortality data only, alcohol deaths net-increased approximately 19.6%, and illegal drug-attributable deaths increased almost 75.1% in 2002 relative to the 1992 study; however, absolute differences were small. Tobacco deaths decreased relative to 1992 when adjusted to the level of overall mortality (-2.2%), even though the actual number of deaths increased by about 3,710. Among deaths under age 70, substance-specific patterns were similar compared to the overall deaths for 2002. However, the most striking difference was that the number of overall deaths in this age group decreased from 1992 to 2002, due to the finding that tobacco-attributable deaths fell by almost 2,500 deaths in this period, reflecting a 6.5% relative decrease.

In terms of PYLLs, the alcohol and drug trend is similar (relative increases of 11.9% and 89.4%, respectively), and tobacco remains almost stable with a positive increase in 2002 of 1.4%.

Total number of substance-attributable hospital days showed a similar trend to deaths. Total number of days in 2002 decreased by approximately 47,000 days compared to 1992, with tobacco responsible for the fall with an overall decrease of more than 708,000 days. However, tobacco-attributable hospital days increased by 47.8% relative to 1992 data when looking at the proportion of the overall hospital days. The largest relative increase was in drug-attributable hospital days, which increased almost 950% from 1992 to 2002, with alcohol increasing by about 160%.

Comparisons based on Single et al. (1996) versus Rehm et al. (2006) methodology

The methods developed by Rehm et al. (2006) in this report differ from those of Single et al. (1996) in a number of ways. The Rehm et al. method uses the most updated RR (mostly later than 2000). In addition, for some diseases, risk estimates were more dose-specific than the prior estimates. In addition, new diseases were added in the Rehm et al. (2006) study, and others were dropped, reflecting the best epidemiological knowledge to date.

Table 18 shows the comparison of Single et al. (1996) method and Rehm et al. (2006) method. Overall trends seen were the same for all indicators comparing 1996 to 2002. Comparing the two different methods for the 2002 data showed that using the Rehm method resulted in more conservative estimates overall than the Single method except for overall deaths under age 70. For this category, both illegal drug-attributable deaths and tobacco-attributable deaths increased by approximately 11% and 5%, respectively, accounting for the overall increase observed. In

fact, for all indicators, illegal drug-attributable outcomes increased by using the Rehm method compared to the Single method, which is mainly due to the large increase in overdose deaths (Popova et al., 2006) and to a lesser extent to the inclusion of estimates for cannabis- and cocaine-attributable traffic accidents.

Conclusions

Overall, using the Single et al. (1996) method to compare 1992 and 2002 data resulted in overall relative increases in 2002 for all attributable mortality and morbidity outcomes. However, in terms of absolute numbers, only death and potential years of life lost showed corresponding increases, whereas overall decreases were seen in numbers of deaths under age 70 and hospital days. For these two indicators, tobacco-attributable outcomes were responsible for the decreases seen. Moreover, tobacco-attributable mortality decreased, when adjusted for overall level of mortality.

Over the past 10 years, there has been a change in the exposure to both tobacco and alcohol that has seen the prevalence of tobacco use decrease, while alcohol prevalence in the higher drinking categories has increased (Baliunas et al., submitted; Rehm et al., 2006; Taylor et al., submitted). Tobacco-attributable outcomes tend to be related to both cumulative use and consequently to more chronic disease outcomes. Alcohol, on the other hand, is linked to more acute outcomes such as injury based on current exposure. Therefore, tobacco-related indicators with high chronic disease contributions like PYLL and older-age deaths relate to exposure prior to 2002, whereas hospital days and younger deaths may reflect the decreasing prevalence. For alcohol, on the other hand, relative and actual increases may reflect the increasing prevalence of heavy drinking occasions and the related impact in more acute categories.

CHAPTER IX: DISCUSSION AND CONCLUSIONS

Discussion of national results

Overall, tobacco caused more deaths than alcohol and illicit drugs together, but many of the tobacco-related deaths occurred late in life. Please note that the alcohol-attributable deaths are a net estimate, already taking into account the cardio-protective effect of regular light to moderate drinking (Rehm et al., 2003).

In total, 19.3% of all deaths in Canada and 29.9% of deaths in Canada below age 70 were caused by substance use. The total is a slight overestimate, as there is some overlap among substance-attributable deaths. For example, esophageal cancer is influenced by the interplay of alcohol and tobacco use (Taylor & Rehm, in press), so if alcohol consumption ends, these cancer deaths would disappear. Thus, they are alcohol-attributable. Likewise, the same happens if tobacco consumption were to be taken away, making these cancer deaths countable as tobacco-attributable in addition to being alcohol-attributable. However, the overall effect of this interaction is not very large: Collins and Lapsley (2002) found that double-counting as described above led to an overestimate of 2.2% of the total mortality caused by addictive substances in Australia in 1998-1999.

In terms of potential years of life lost (PYLL), 16.7% of all years of life were lost due to tobacco, whereas alcohol resulted in 4.8%, and illegal drugs totalled 2% of all years of life lost in 2002. If we translate this into number of potential years, tobacco caused Canadians to lose 515,607 years of human life and alcohol and illegal drugs caused 147,571 years and 62,110 years, respectively. Overall, 17.8% of total hospital days were spent in acute care due to substance use in Canada 2002. Alcohol caused 5.8%, tobacco caused 10.3%, and illegal drugs were

responsible for 1.6% of all hospital days. Nineteen percent (19.1%) of all hospital days were due to substance use for Canadians 70 years and younger.

In terms of psychiatric and specialized treatment, including inpatient and outpatient, due to substance use, overall, 1.5% of all psychiatric hospital days were due to alcohol and 0.9% due to illegal drugs in Canada 2002. Specialized treatment accounted for about three million days each for alcohol and illegal drugs.

The Table below gives an overview of the social costs attributable to substance abuse by cost category for 2002. The indirect costs of this table are based on a modified human capital approach and thus the numbers in this category and the overall numbers cannot be directly compared to the costs from Single et al. (1996).

	(in millions dollars)			
	Alcohol	Illegal drugs	Tobacco	TOTAL ADT
1. Direct health care costs: total	3,306.2	1,134.6	4,360.2	8,800.9
2. Direct law enforcement costs	3,072.2	2,335.5	--	5,407.8
3. Direct costs for prevention and research	53.0	16.5	78.1	147.6
4. Other direct costs	996.1	79.1	87.0	1,162.2
5. Indirect costs: productivity losses (main scenario)	7,126.4	4,678.6	12,470.9	24,275.9
5.1 due to long-term disability	6,163.9	4,408.4	10,536.8	21,109.1
5.2 due to short-term disability (days in bed)	15.9	21.8	24.4	62.0
5.3 due to short-term disability (days with reduced activity)	23.6	-0.1	36.2	59.8
5.4 due to premature mortality	923.0	248.5	1,873.5	3,045.0
Total	14,554.0	8,244.3	16,996.2	39,794.4
Total per capita (in \$)	\$463	\$262	\$541	\$1,267
Total as % of all substance-related costs	36.6%	20.7%	42.7%	100.0%

ADT - Alcohol, Illegal Drugs, and Tobacco

"--" not available

It is estimated that the cost of substance abuse in Canada was about \$39.8 billion in 2002.

- Alcohol accounted for about \$14.6 billion in costs. This represented 36.6% of the total costs of substance abuse. The largest economic costs of alcohol were \$7,126.4 billion for lost productivity due to illness and premature death, \$3.3 billion in direct health care costs, and \$3.1 billion in law enforcement costs.

- Costs of illegal drugs were estimated to be approximately \$8.2 billion. The largest economic costs were \$4.7 billion for lost productivity due to illness and premature death, \$2.3 billion for law enforcement costs, and more than \$1.1 billion in direct health care costs.
- The economic costs of tobacco abuse were estimated at \$17.0 billion. This was almost 42.7% of total substance abuse costs. The largest cost for this substance (approximately \$12.5 billion) was for lost productivity due to illness and premature death. Direct health care costs due to tobacco were estimated at about \$4.4 billion.

Overall, productivity losses constituted the largest part of the social costs (see also Figure 1). This is a common finding of all social cost studies in the field of substance abuse and, even more generally, in the field of cost-of-illness studies. As our sensitivity analyses showed, although the exact level of costs depends on the assumptions made, the general finding of high productivity losses still persists except for the friction cost approach. Figure 1 gives an overview of the relative proportion of the different cost categories.

In terms of the direct costs attributable to substance abuse, the two major categories were health care costs and costs for law enforcement (see Figure 1). Health care costs were by far the largest category, and they were mainly composed of hospital costs, not only in acute care hospitals, but also in psychiatric and other specialized treatment institutions. Although the overall number of hospital days went down markedly in the past decade, hospital days attributable to substance use did not follow this trend and stayed at about the same level as in 1992.

The costs for law enforcement attributable to substance abuse were very high for both illegal drugs and alcohol; overall, they constituted more than one-third of the total direct costs. It should be noted that the costs for law enforcement were composed of only costs attributable to alcohol and illegal drugs. Law enforcement costs included the major categories of policing,

courts, and corrections (including probation); however, there were additional costs in law enforcement that we were unable to quantify for 2002 in a reliable manner. These refer to customs and excise, as well as to all tobacco-attributable law enforcement costs (e.g., controls for illegal import or export; enforcement of tobacco by-laws). Overall, the level of costs for substance-attributable law enforcement can serve as an important marker that substance abuse is not only a health problem, but a larger public health and social problem as well. This issue consumes a huge number of resources, both economic and social, in Canadian society. Compared to the health and the law enforcement sector, all the other direct costs are of lesser importance.

Total cost *per capita* for substance abuse was about \$1,267 in 2002; \$463 for alcohol, \$262 for illegal drugs, and \$541 for tobacco (see Figure 2).

The social costs attributable to substance abuse increased from 1992. However, the numbers are hard to compare, as one would have to simultaneously consider the epidemiological changes (increase in population, longer average life expectancy, high number of deaths), the economic changes (inflation, differential inflation for health care sector), and social changes (changes in the health care and legal sectors). To compare changes of the impact of substance abuse, the best option is to restrict oneself to the impact on mortality and morbidity measured with the same instruments (see Tables 17 and 18).

Sensitivity analyses

Productivity losses are the most important category of social costs. In order to depict how different methodological approaches affect these estimates, three different scenarios were estimated for the core of these costs, i.e., costs due to long-term disability and premature mortality. These scenarios include the main scenario (see Table 16) as well as two sensitivity

analyses. The first sensitivity analysis was based on the human capital approach and can be seen as the upper bound for these cost categories. The second sensitivity analysis was based on the friction approach, i.e., only for mortality and disability on the costs for replacement were counted, and this can be seen as the lower bound. Table 19a and 19b gives an overview of the resulting indirect cost categories.

The resulting upper estimate for overall social costs was \$54.8 billion using the human capital approach; the lower estimate was \$16.2 billion based on the friction cost approach. This latter approach resulted in dramatically reduced estimates of productivity loss.

Provincial results

Table 20 gives an overview of provincial costs. Overall, the toll of substance abuse was relatively uniform across Canada, with the territories being the most notable exceptions with higher social costs attributable to substance abuse compared to the provinces. The estimates for the territories are still underestimates since some specialized treatment of territorial residents actually occurs in nearby provincial hospitals (for example psychiatric disease requiring hospitalization may have to be treated in another province, and are thus counted there. As well, the differences among provinces are slightly attenuated, as we used national averages in cases where no provincial data were available. However, in terms of cost per capita, differences were as large as 88%.

However, it is safe to say that alcohol, tobacco, and other drugs affect people across the whole of Canada, and measures to reduce substance-attributable costs should also be applied in the whole country.

Data gaps and limitations

Data gaps

The current study has several limitations in terms of costs not included in the study. First and foremost, we could not include the cost of prescription drug abuse. The topic of prescription drug abuse in Canada has been repeatedly mentioned as a potentially large public health problem (Haydon et al., 2005), yet the requisite minimum data are simply not available to make a comprehensive cost analyses. In order to change this, at minimum, questions on prescription drug abuse should be included in one of the large Canadian household surveys as a first step for more comprehensive analyses. Secondly, we had to exclude the costs of direct law enforcement for tobacco, as there are no data that allow the quantification of this cost category. Finally, in terms of major gaps, the indirect costs of imprisonment were not counted.

Limitations to estimating attributable fractions in law enforcement

The difficulties and limitations of the data collected in the criminal justice system must, at this point, be acknowledged. In our communication with various levels of law enforcement, our requests for quantitative data on substance-attributable issues could not be fulfilled because the data are simply not collected or organized this way. On the other hand, contrary to the health care system, there exist few systematic research studies that try to quantify the impact of risk factors like substance use on criminal activities.

As an example, the quantification of time and costs allocated to the policing of alcohol, tobacco, cannabis, and the use of other illegal drugs was requested from police forces in select cities of Canada. However, only a few agencies (the RCMP and Halifax Police Service) provided the study with a dollar figure for these policing costs. Due to these data limitations, the proportions of overall law enforcement costs attributable to policing alcohol, illegal drug and tobacco

smuggling infractions might be incorrectly specified in this study and thus do not constitute a true national estimate.

In order to get better estimates in the future, we suggest the routine implementation of record management systems, including the involvement of drugs and alcohol in crimes. Such a system could help police fight certain types of crime related to substance abuse.

Conclusions

At almost \$40 billion in 2002, the social costs of substance abuse were considerable for Canada, and they seem to have increased over the past decade, particularly for illegal drugs. Neither the current level, nor the past increases in social costs for substance abuse are inevitable, as there are cost-effective, evidence-based approaches to reducing substance-attributable costs in available literature. For alcohol, control measures have been shown to be effective and cost effective, including taxation or other means to increase price, state monopolies to prevent selling to minors, and strictly enforced laws with respect to traffic and workplace safety (Babor et al., 2003; Chisholm et al., 2004). For tobacco, control measures have also generally been shown to be effective (Shibuya et al., 2003), and some of the reduced burden of disease in Canada can probably be attributed to improved tobacco control measures since the 1980s. For illegal drugs, the evidence is much less clear, but there are other developed countries with successes in reducing the burden attributable to illegal drugs, and perhaps some of these programs could be adapted to the Canadian situation.

Estimating social costs is important, not only for assessing the status quo, but also for future programming and policy making in associated areas. However, estimating social costs can only be the first step. For concrete programming and policy making, it would be necessary to have analyses of avoidable costs. The costs given above are all costs attributable to substance

abuse, no matter if they are avoidable or not. To give one example: if all smoking of tobacco stopped today, there would still be tobacco-attributable lung cancers in the next year. There are many other examples and, in the past year, there have been efforts to systematically determine the avoidable costs attributable to substance abuse (Collins et al., 2006). Given the level of substance use-related costs in Canada, it is important to start the work on quantifying avoidable costs soon in order to have more focused input into programs and policies to reduce these costs.

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Table 2. Acute care hospital diagnoses due to morbidity attributable to alcohol, illegal drugs and tobacco by age and sex, Canada 2002

	Alcohol	Illegal Drugs*	Cannabis	Tobacco [§]	Passive smoking
Males					
0 - 14	3,671	551	126	6,772	--
15 - 29	13,767	9,879	3,454	2,587	17
30 - 44	23,639	12,109	2,041	14,241	221
45 - 59	32,686	6,510	625	62,772	1,797
60+	54,939	3,499	109	132,418	4,021
Total Males	128,702	32,547	6,356	218,791	6,056
Females					
0 - 14	2,203	671	122	5,059	--
15 - 29	6,594	8,822	1,837	2,600	8
30 - 44	12,471	9,653	1,023	8,722	63
45 - 59	16,065	4,802	292	26,848	548
60+	29,935	4,532	64	77,159	2,380
Total Females	67,267	28,479	3,337	120,388	2,999
Total All	195,970	61,026	9,693	339,179	9,054

Numbers for alcohol are net numbers i.e., taking into consideration the beneficial effects of alcohol use

* Including cannabis

§ Including active and passive smoking

Note: Calculation proportions is meaningless because a single person can have multiple diagnoses

Table 3. Acute care hospital days due to morbidity attributable to alcohol, illegal drugs and tobacco by age and sex, Canada 2002

	Alcohol	Illegal Drugs*	Cannabis	Tobacco [§]	Passive smoking
Males					
0 - 14	26,173	2,929	585	59,907	--
15 - 29	59,416	54,681	23,406	16,090	57
30 - 44	101,449	62,843	12,309	64,024	686
45 - 59	185,795	39,056	3,800	307,299	6,758
60+	446,232	30,148	796	911,838	21,734
Total Males	819,065	189,657	40,897	1,359,159	29,235
Male as % of all cause	8.48%	1.96%	0.42%	14.07%	0.30%
Females					
0 - 14	17,082	3,227	675	42,580	--
15 - 29	25,953	39,292	9,288	12,376	20
30 - 44	54,316	49,351	5,667	45,670	247
45 - 59	86,116	27,732	1,710	151,276	2,346
60+	244,414	42,861	338	599,094	14,851
Total Females	427,880	162,465	17,679	850,996	17,465
Female as % of all cause	3.63%	1.38%	0.15%	7.22%	0.15%
Total All	1,246,945	352,121	58,575	2,210,155	46,700
Total as % of all cause	5.82%	1.64%	0.27%	10.31%	0.22%

Numbers for alcohol are net numbers i.e., taking into consideration the beneficial effects of alcohol use

* Including cannabis

§ Including active and passive smoking

Table 4. Psychiatric hospitalizations due to morbidity attributable to alcohol and illegal drugs by age and sex, Canada 2002

	Alcohol	Illegal Drugs*	Cannabis
Males			
0 - 14	5	0	0
15 - 29	192	394	69
30 - 44	591	470	47
45 - 59	475	143	9
60+	152	15	0
Total Males	1,414	1,022	125
% of substance-attributable hospitalizations to all hospitalizations among males	9.94%	7.19%	0.88%
Females			
0 - 14	5	1	0
15 - 29	103	139	25
30 - 44	280	234	20
45 - 59	201	103	6
60+	55	17	0
Total Females	644	495	51
% of substance-attributable hospitalizations to all hospitalizations among females	5.78%	4.44%	0.46%
Total all	2,058	1,517	176
% of substance-attributable hospitalizations to all hospitalizations among all	8.11%	5.98%	0.69%

*Including cannabis

Table 5. Psychiatric hospital days due to morbidity attributable to alcohol and illegal drugs by age and sex, Canada 2002

	Alcohol	Illegal Drugs*	Cannabis
Males			
0 - 14	0	0	0
15 - 29	3,979	8,263	1,918
30 - 44	12,848	9,337	746
45 - 59	12,784	3,866	231
60+	8,991	415	0
Total Males	38,602	21,881	2,895
% of substance-attributable hospital days to all hospital days among males	2.69%	1.53%	0.20%
Females			
0 - 14	1	3	0
15 - 29	2,141	2,476	438
30 - 44	5,575	4,721	511
45 - 59	4,887	2,059	156
60+	2,908	369	0
Total Females	15,512	9,627	1,105
% of substance-attributable hospital days to all hospital days among females	0.74%	0.46%	0.05%
Total all	54,114	31,508	4,000
% of substance-attributable hospital days to all hospital days among all	1.53%	0.89%	0.11%

*Including cannabis

Table 6. Specialized treatment on alcohol and illegal drugs dependency by age and sex, Canada 2002

	Alcohol				Illegal Drugs			
	Inpatient		Outpatient		Inpatient		Outpatient	
	admissions	days	admissions	days	admissions	days	admissions	days
Males								
0 - 14	13	91	391	12,109	104	652	3,746	116,319
15 - 29	11,708	75,487	14,289	387,104	15,564	99,156	43,473	1,205,920
30 - 44	32,291	210,574	21,907	616,208	14,181	90,838	8,852	240,193
45 - 59	27,567	181,573	16,881	475,575	2,871	18,412	2,105	57,770
60+	8,267	54,065	3,028	89,362	270	1,725	63	1,525
Total Males	79,846	521,790	56,496	1,580,358	32,989	210,783	58,239	1,621,727
Females								
0 - 14	15	91	857	28,758	34	210	2,191	59,180
15 - 29	4,044	25,618	10,499	288,581	7,036	44,334	23,057	632,960
30 - 44	8,197	52,102	10,234	287,447	5,453	34,442	6,871	178,020
45 - 59	5,210	33,207	6,001	166,646	1,448	9,194	1,848	48,639
60+	1,326	8,360	865	25,731	114	730	495	11,608
Total Females	18,791	119,378	28,455	797,162	14,085	88,911	34,461	930,408
Total All	98,638	641,168	84,951	2,377,520	47,073	299,694	92,700	2,552,135

Table 7. Mortality attributable to alcohol, illegal drugs and tobacco by age and sex, Canada 2002

	Alcohol	Illegal Drugs*	Cannabis	Tobacco [§]	Passive smoking
Males					
0 - 14	50	24	1	58	--
15 - 29	682	238	9	40	1
30 - 44	842	379	6	522	9
45 - 59	1,045	408	5	3,708	91
60+	875	134	5	19,438	407
Total Males	3,494	1,183	26	23,766	507
Male as % of all cause total	3.08%	1.04%	0.02%	20.98%	0.45%
Females					
0 - 14	26	10	1	33	--
15 - 29	124	95	3	29	0
30 - 44	218	163	2	293	3
45 - 59	386	153	2	1,782	36
60+	9	92	4	11,305	284
Total Females	764	512	13	13,443	324
Female as % of all cause total	0.69%	0.46%	0.01%	12.18%	0.29%
Total	4,258	1,695	39	37,209	831
Total as % of all cause	1.90%	0.76%	0.02%	16.64%	0.37%

Table 7a. Substance-attributable death total as percent of ages before age 70

	Alcohol	Illegal Drugs*	Cannabis	Tobacco [§]	Passive smoking
Male < 70 yr.	3,160	1,135	23	9,699	226
Male as % of all cause total < 70 yr.	7.67%	2.75%	0.06%	23.53%	0.55%
Female < 70 yr.	955	464	10	4,550	89
Female as % of all cause total < 70 yr.	3.72%	1.81%	0.04%	17.74%	0.35%
Total <70 yr.	4,115	1,599	33	14,249	315
Total as % of all cause total < 70 yr.	6.15%	2.39%	0.05%	21.31%	0.47%

Numbers for alcohol are net numbers i.e., taking into consideration the beneficial effects of alcohol use

*Including cannabis (traffic accidents only)

§Including active and passive smoking

Table 8. Potential years of life lost due to mortality attributable to alcohol, illegal drugs and tobacco by age and sex, Canada 2002

	Alcohol	Illegal Drugs*	Cannabis	Tobacco [§]	Passive smoking
Males					
0 - 14	3,413	1,675	86	3,978	0
15 - 29	37,071	12,927	481	2,151	37
30 - 44	33,664	15,154	241	20,888	344
45 - 59	27,325	10,677	128	96,954	2,372
60+	11,907	1,873	54	192,445	4,215
Total Males	113,380	42,306	989	316,417	6,967
Male as % of all cause total	7.01%	2.61%	0.06%	19.56%	0.43%
Females					
0 - 14	1,933	703	64	2,459	0
15 - 29	7,416	5,679	199	1,750	16
30 - 44	9,787	7,312	102	13,163	156
45 - 59	11,840	4,681	76	54,633	1,109
60+	3,215	1,429	46	127,184	2,996
Total Females	34,191	19,805	488	199,191	4,277
Female as % of all cause total	2.32%	1.34%	0.03%	13.52%	0.29%
Total All	147,571	62,110	1,478	515,607	11,244
Total as % of all cause	4.77%	2.01%	0.05%	16.68%	0.36%

Numbers for alcohol are net numbers i.e., taking into consideration the beneficial effects of alcohol use

* Including cannabis (traffic accidents only)

§ Including active and passive smoking

Table 9. Costs of direct health care attributable to alcohol, illegal drugs and tobacco in Canada, 2002

Costs	(in millions dollars)			TOTAL
	Alcohol	Illegal drugs	Tobacco	
Acute care hospitalizations	1458.6	426.4	2551.2	4436.2
Psychiatric hospitalizations	19.6	11.5	--	31.2
Inpatient specialized treatment	754.9	352.1	--	1107.1
Outpatient specialized treatment	52.4	56.3	--	108.7
Ambulatory care physician fees	80.2	22.6	142.2	245.0
Family physician visits	172.8	48.8	306.3	527.9
Prescription drugs	767.6	216.8	1360.5	2344.9
TOTAL	3306.2	1134.6	4360.2	8800.9

Table 10. Overall health care costs attributable to alcohol, illegal drugs and tobacco by provinces, territories and Canada, 2002

Provinces	Alcohol	Illegal Drugs*	Cannabis	Tobacco [§]	Passive smoking	GROSS Total
British Columbia	\$550,981,434	\$241,630,876	\$20,375,651	\$605,447,226	\$7,052,339	\$1,398,059,537
Alberta	\$406,850,630	\$149,231,596	\$12,460,470	\$470,591,789	\$5,961,172	\$1,026,674,015
Saskatchewan	\$118,221,767	\$36,742,567	\$2,977,782	\$154,859,736	\$2,225,658	\$309,824,070
Manitoba	\$113,905,497	\$34,770,974	\$3,086,581	\$175,297,986	\$2,528,206	\$323,974,456
Ontario	\$1,160,104,734	\$373,786,833	\$13,328,784	\$1,553,091,863	\$17,873,434	\$3,086,983,430
Quebec	\$650,762,680	\$201,984,623	\$14,692,863	\$991,095,114	\$12,020,787	\$1,843,842,417
New Brunswick	\$120,804,282	\$43,398,473	\$1,930,521	\$120,106,346	\$1,571,450	\$284,309,101
Nova Scotia	\$97,258,752	\$26,820,891	\$2,825,711	\$161,507,074	\$2,242,568	\$285,586,718
Prince Edward Island	\$12,444,607	\$4,172,071	\$240,150	\$19,755,398	\$250,803	\$36,372,076
Newfoundland	\$62,186,245	\$18,333,968	\$550,148	\$95,217,802	\$1,712,253	\$175,738,015
Yukon	\$2,427,080	\$776,773	\$40,636	\$2,726,587	\$18,653	\$5,930,440
Northwest Territories	\$6,408,139	\$1,659,880	\$391,860	\$5,037,594	\$32,992	\$13,105,613
Nunavut	\$3,876,706	\$1,252,665	\$119,321	\$5,419,592	\$97,681	\$10,548,963
CANADA	\$3,306,232,552	\$1,134,562,190	\$73,020,478	\$4,360,154,108	\$53,587,998	\$8,800,948,850

* Including cannabis

§ Including active and passive smoking tobacco

Table 11. Alcohol-attributable crimes and costs: provinces, territories, and Canada, 2002

	Canada	BC	Alberta	Sask	Manitoba	Ontario	Quebec	New Brunswick	Nova Scotia	PEI	Nfld	Yukon	Northwest Territories	Nunavut
Population	31,414,000	4,141,272	3,113,586	1,011,808	1,150,848	12,068,301	7,455,208	756,652	944,765	139,913	531,595	29,924	41,403	28,715
Incidence data: Total crimes excluding traffic	2,384,247	478,347	289,873	135,262	129,935	732,930	424,732	50,001	71,890	10,673	31,003	7,995	13,340	8,266
Criminal code traffic accidents	117,633	15,037	16,388	10,218	3,809	35,450	28,174	2,711	2,832	651	1,335	357	544	127
Total crime incidents	2,501,880	493,384	306,261	145,480	133,744	768,380	452,906	52,712	74,722	11,324	32,338	8,352	13,884	8,393
Violent crime incidents	303,294	49,641	33,539	18,331	18,925	99,990	53,625	7,373	10,380	1,210	4,751	1,137	2,355	2,037
Alcohol-attributable crimes: provincial statutes	605,599	121,500	73,628	34,357	33,003	186,164	107,882	12,700	18,260	2,711	7,875	2,031	3,388	2,100
Criminal code impaired driving	28,655	3,663	3,992	2,489	928	8,636	6,863	660	690	159	325	87	133	31
Violent crimes due to alcohol	127,383	20,849	14,086	7,699	7,949	41,996	22,523	3,097	4,360	508	1,995	478	989	856
Alcohol-attributable total crimes	761,638	146,012	91,706	44,545	41,880	236,796	137,268	16,457	23,310	3,378	10,195	2,595	4,510	2,986
Alcohol-attributable crimes as % of all crimes	30.4%	29.6%	29.9%	30.6%	31.3%	30.8%	30.3%	31.2%	31.2%	29.8%	31.5%	31.1%	32.5%	35.6%
Total costs of policing (\$million)	\$6,149.19	\$654.99	\$530.31	\$175.47	\$211.77	\$2,596.18	\$1,616.83	\$104.54	\$130.55	\$17.07	\$66.25	\$10.51	\$19.33	\$16.21
Police costs attributable to alcohol incidents	\$1,871.97	\$193.84	\$158.79	\$53.73	\$66.31	\$800.08	\$490.03	\$32.64	\$40.72	\$5.09	\$20.89	\$3.27	\$6.28	\$5.77
Additional policing: liquor licensing	\$26.79	\$3.53	\$2.66	\$0.86	\$0.98	\$11.16	\$5.49	\$0.65	\$0.81	\$0.12	\$0.45	\$0.03	\$0.04	\$0.02
Total policing costs attributable to alcohol (\$million)	\$1,898.76	\$197.37	\$161.45	\$54.59	\$67.29	\$811.24	\$495.52	\$33.28	\$41.53	\$5.21	\$21.34	\$3.29	\$6.32	\$5.79

Source for Crime Statistics: Canadian Crime Statistics 2002. catalogue no. 85-205-XIE

Source for Crime Statistics: Canadian Crime Statistics 2002. catalogue no. 82-221-XIE

For liquor licensing Quebec and Ontario estimates of 1992 were used and inflated to 2002 (19.36%) then estimated based on per capita average in Ontario and Quebec

Table 12. Illegal drug-attributable crimes and costs: provinces, territories, and Canada, 2002

	Canada	BC	Alberta	Sask	Manitoba	Ontario	Quebec	New Brunswick	Nova Scotia	PEI	Nfld	Yukon	Northwest Territories	Nunavut
Incidence data: Total crime incidents	2,501,880	493,384	306,261	145,480	133,744	768,380	452,906	52,712	74,722	11,324	32,338	8,352	13,884	8,393
Violent crime incidents	303,294	49,641	33,539	18,331	18,925	99,990	53,625	7,373	10,380	1,210	4,751	1,137	2,355	2,037
Illegal drug-attributable crimes: violations of drug laws	532,900	105,091	65,234	30,987	28,487	163,665	96,469	11,228	15,916	2,412	6,888	1,779	2,957	1,788
Violent crime due to illegal drugs	21,231	3,475	2,348	1,283	1,325	6,999	3,754	516	727	85	333	80	165	143
Illegal drug-attributable total crimes	554,131	108,566	67,581	32,270	29,812	170,664	100,223	11,744	16,642	2,497	7,221	1,859	3,122	1,930
Illegal drug-attributable crimes as % of all crimes	22.1%	22.0%	22.1%	22.2%	22.3%	22.2%	22.1%	22.3%	22.3%	22.0%	22.3%	22.3%	22.5%	23.0%
Total costs of policing (\$million)	6,149.19	654.99	530.31	175.47	211.77	2,596.18	1,616.83	104.54	130.55	17.07	66.25	10.51	19.33	16.21
Specialised drug enforcement	70.00	9.23	6.94	2.25	2.56	26.89	16.61	1.69	2.11	0.31	1.18	0.07	0.09	0.06
Police costs attributable to illegal drugs incidents	1,361.96	144.13	117.02	38.92	47.20	576.64	357.79	23.29	29.08	3.76	14.79	2.34	4.35	3.73
Total police costs attributable to illegal drugs (\$million)	1,431.96	153.35	123.96	41.18	49.77	603.53	374.40	24.98	31.18	4.07	15.98	2.41	4.44	3.79

Source for Crime Statistics: Canadian Crime Statistics 2002. catalogue no. 85-205-XIE

Source for Crime Statistics: Canadian Crime Statistics 2002. catalogue no. 82-221-XIE

For liquor licensing, Quebec and Ontario estimates of 1992 were used and inflated to 2002 (19.36%) then estimated based on per capita average in Ontario and Quebec

Table 13. Alcohol-attributable charges and costs: provinces, territories, and Canada, 2002

	Canada	BC	Alberta	Sask	Manitoba	Ontario	Quebec	New Brunswick	Nova Scotia	PEI	Nfld	Yukon	Northwest Territories	Nunavut
Total charges excluding traffic	496,594	64,336	68,932	37,861	32,346	176,977	78,048	9,683	14,065	1,500	7,185	1,273	2,443	1,945
Criminal code traffic accidents - charges	80,830	9,336	13,219	6,254	3,189	24,073	18,285	2,216	2,179	447	978	219	372	63
Total charges	577,424	73,672	82,151	44,115	35,535	201,050	96,333	11,899	16,244	1,947	8,163	1,492	2,815	2,008
Violent crime charges	144,689	20,049	15,552	8,484	10,611	52,577	25,780	2,650	4,317	430	2,039	383	893	924
Alcohol-attributable charges: provincial statutes	126,135	16,341	17,509	9,617	8,216	44,952	19,824	2,459	3,573	381	1,825	323	621	494
Criminal code impaired driving	19,690	2,274	3,220	1,523	777	5,864	4,454	540	531	109	238	53	91	15
Violent crime charges due to alcohol	60,769	8,421	6,532	3,563	4,457	22,082	10,828	1,113	1,813	181	856	161	375	388
Alcohol-attributable total charges	206,594	27,036	27,261	14,703	13,449	72,899	35,106	4,112	5,916	670	2,920	538	1,086	897
Alcohol-attributable charges as % of all charges	35.8%	36.7%	33.2%	33.3%	37.8%	36.3%	36.4%	34.6%	36.4%	34.4%	35.8%	36.0%	38.6%	44.7%
Total court costs (\$million)	1,003.37	152.82	120.49	39.73	46.26	361.26	178.04	22.91	43.53	4.57	17.34	5.23	7.30	3.80
Legal aid & crown attorney costs for criminal cases (\$million)	430.63	32.76	43.06	14.68	8.31	193.90	76.30	6.48	15.12	1.23	2.82	10.60	14.37	11.02
Total court costs attributable to alcohol (\$million)	513.07	68.10	54.27	18.13	20.65	201.30	92.69	10.16	21.36	1.99	7.21	5.70	8.36	6.62

Source for Crime Statistics: Canadian Crime Statistics 2002. catalogue no. 85-205-XIE

Source for Crime Statistics: Canadian Crime Statistics 2002. catalogue no. 82-221-XIE

Table 14. Illegal drug-attributable charges and costs: provinces, territories, and Canada, 2002

	Canada	BC	Alberta	Sask	Manitoba	Ontario	Quebec	New Brunswick	Nova Scotia	PEI	Nfld	Yukon	Northwest Territories	Nunavut
Charges data: total charges	577,424	73,672	82,151	44,115	35,535	201,050	96,333	11,899	16,244	1,947	8,163	1,492	2,815	2,008
Violent crime charges	144,689	20,049	15,552	8,484	10,611	52,577	25,780	2,650	4,317	430	2,039	383	893	924
Illegal drug-related charges: violations of drug laws	122,991	15,692	17,498	9,396	7,569	42,824	20,519	2,534	3,460	415	1,739	318	600	428
Violent crime charges due to drugs	10,128	1,403	1,089	594	743	3,680	1,805	186	302	30	143	27	63	65
Illegal drug-attributable total charges	133,120	17,096	18,587	9,990	8,312	46,504	22,324	2,720	3,762	445	1,881	345	662	492
Illegal drug-attributable charges as % of total charges	23.1%	23.2%	22.6%	22.6%	23.4%	23.1%	23.2%	22.9%	23.2%	22.8%	23.0%	23.1%	23.5%	24.5%
Total court costs (\$million)	1,003.37	152.82	120.49	39.73	46.26	361.26	178.04	22.91	43.53	4.57	17.34	5.23	7.30	3.80
Legal aid & crown attorney costs for criminal cases (\$million)	430.63	32.76	43.06	14.68	8.31	193.90	76.30	6.48	15.12	1.23	2.82	10.60	14.37	11.02
Total court costs attributable to illegal drugs (\$million)	330.60	43.06	37.00	12.32	12.76	128.41	58.94	6.72	13.58	1.32	4.65	3.66	5.10	3.63

Source for Crime Statistics: Canadian Crime Statistics 2002. catalogue no. 85-205-XIE

Source for Crime Statistics: Canadian Crime Statistics 2002. catalogue no. 82-221-XIE

Table 15. Alcohol and illegal drug-attributable provincial and federal prison sentences and costs: provinces, territories, and Canada, 2002

	Canada	BC	Alberta	Sask	Manitoba	Ontario	Quebec	New Brunswick	Nova Scotia	PEI	Nfld	Yukon	Northwest Territories	Nunavut
Population	31,414,000	4,141,272	3,113,586	1,011,808	1,150,848	12,068,301	7,455,208	756,652	944,765	139,913	531,595	29,924	41,403	28,715
Total Sentenced to Provincial Custody	83,885	8,740	16,190	3,576	3,316	33,050	13,423	1,458	1,376	594	1,031	206	685	240
Provincial adult corrections costs(million\$)	\$933.300	\$145.890	\$71.717	\$53.007	\$48.953	\$393.887	\$150.520	\$12.401	\$12.028	\$4.331	\$18.059	\$5.855	\$12.505	\$4.147
Sentenced for alcohol offence	19,965	2,080	3,853	851	789	7,866	3,195	347	327	141	245	49	163	57
Sentenced for violent crime: alcohol	4,271	445	824	182	169	1,683	683	74	70	30	52	10	35	12
Sentenced for illegal drugs offence	19,126	1,993	3,691	815	756	7,535	3,060	332	314	135	235	47	156	55
Sentenced for violent crime: illegal drugs	712	74	137	30	28	280	114	12	12	5	9	2	6	2
Costs attributable to alcohol (\$million)	\$269.6	\$42.1	\$20.7	\$15.3	\$14.1	\$113.8	\$43.5	\$3.6	\$3.5	\$1.3	\$5.2	\$1.7	\$3.6	\$1.2
Costs attributable to illegal drugs (\$million)	\$220.7	\$34.5	\$17.0	\$12.5	\$11.6	\$93.1	\$35.6	\$2.9	\$2.8	\$1.0	\$4.3	\$1.4	\$3.0	\$1.0
Total youth offenders sentenced to provincial custody*	7,278	563	1,038	873	277	3,031	819	235	24	39	282	18	53	26
Young offender corrections costs (\$million)	\$547.434	\$72.168	\$54.259	\$17.632	\$20.055	\$210.307	\$129.918	\$13.186	\$16.464	\$2.438	\$9.264	\$0.521	\$0.722	\$0.500
Sentenced for alcohol offence	1,732	134	247	208	66	721	195	56	6	9	67	4	13	6
Sentenced for violent crime: alcohol	371	29	53	44	14	154	42	12	1	2	14	1	3	1
Sentenced for illegal drugs offence	1,659	128	237	199	63	691	187	54	5	9	64	4	12	6
Sentenced for violent crime: illegal drugs	62	5	9	7	2	26	7	2	0	0	2	0	0	0
Costs attributable to alcohol (\$million)	\$158.2	\$20.9	\$15.7	\$5.1	\$5.8	\$60.8	\$37.5	\$3.8	\$4.8	\$0.7	\$2.7	\$0.2	\$0.2	\$0.1
Costs attributable to illegal drugs (\$million)	\$129.5	\$17.1	\$12.8	\$4.2	\$4.7	\$49.7	\$30.7	\$3.1	\$3.9	\$0.6	\$2.2	\$0.1	\$0.2	\$0.1
Total sentenced to Federal Custody	7,659	896	1,305	424	482	1,904	1,758	277	346	51	194	6	9	6
Federal adult corrections costs (million\$)	\$977.229	\$128.827	\$96.858	\$31.475	\$35.801	\$375.422	\$231.917	\$23.538	\$29.390	\$4.352	\$16.537	\$0.931	\$1.288	\$0.893
Sentenced for alcohol offence	1,823	213	311	101	115	453	418	66	82	12	46	2	2	1
Sentenced for illegal drug offence	1,746	204	297	97	110	434	401	63	79	12	44	1	2	1
Costs attributable to alcohol (\$million)	\$232.6	\$30.7	\$23.1	\$7.5	\$8.5	\$89.4	\$55.2	\$5.6	\$7.0	\$1.0	\$3.9	\$0.2	\$0.3	\$0.2
Costs attributable to illegal drugs (\$million)	\$222.8	\$29.4	\$22.1	\$7.2	\$8.2	\$85.6	\$52.9	\$5.4	\$6.7	\$1.0	\$3.8	\$0.2	\$0.3	\$0.2
Total corrections costs attributable to alcohol (\$million)	\$660.4	\$93.7	\$59.4	\$27.9	\$28.5	\$263.9	\$136.2	\$13.0	\$15.2	\$3.0	\$11.8	\$2.1	\$4.1	\$1.6
Total corrections costs attributable to illegal drugs (\$million)	\$573.0	\$80.9	\$51.9	\$23.9	\$24.5	\$228.5	\$119.2	\$11.4	\$13.4	\$2.6	\$10.2	\$1.7	\$3.4	\$1.3

Provincial totals taken from catalogue 85-211, Table 6

Federals totals taken from catalogue 85-211, Table 28

Alcohol figures attained by adding impaired driving with liquor offences (pages 20 and 21 in catalogue 85-211)

Alcohol offence includes both impaired driving and "other criminal code traffic" offence (less than 5% are these other ones)

Youth offender costs were available for 1998/99 (inflated for fiscal year 2002/2003)

Youth offenders sentenced - Juristat Cat. No 85-002 vol. 24(2) table 5 (only those sentenced to secured custodies are counted)

Table 16. The social costs of alcohol, illegal drugs and tobacco abuse in Canada, 2002

	(in millions dollars)			
	Alcohol	Illegal drugs	Tobacco	TOTAL ADT
1. Direct health care costs: total	3,306.2	1,134.6	4,360.2	8,800.9
1.1 morbidity - acute care hospitalization	1,458.6	426.37	2,551.2	4,436.2
- psychiatric hospitalization	19.6	11.5	--	31.2
1.2 inpatient specialized treatment	754.9	352.1	--	1,107.1
1.3 outpatient specialized treatment	52.4	56.3	--	108.7
1.4 ambulatory care: physician fees	80.2	22.6	142.2	245.0
1.5 family physician visit	172.8	48.8	306.3	527.9
1.6 prescription drugs	767.6	216.8	1,360.5	2,344.9
2. Direct law enforcement costs	3,072.2	2,335.5		5,407.8
2.1 police	1,898.8	1,432.0	--	3,330.7
2.2 courts	513.1	330.6	--	843.7
2.3 corrections (including probation)	660.4	573.0	--	1,233.4
3. Direct costs for prevention and research	53.0	16.5	78.1	147.6
3.1 research	17.3	8.6	9.0	34.9
3.2 prevention programs	33.9	7.9	69.1	110.9
3.3 salaries and operating funds	1.8	--	--	1.8
4. Other direct costs	996.1	79.1	87.0	1,162.2
4.1 fire damage	156.5	--	86.5	243.0
4.2 traffic accident damage	756.9	67.0	--	823.9
4.3 losses associated with the workplace	17.0	6.6	0.5	24.1
4.3.1 <i>EAP & health promotion programs</i>	17.0	4.2	0.5	21.7
4.3.2 <i>drug testing in the workplace</i>	--	2.4	N/A	2.4
4.4 administrative costs for transfer payments	65.8	5.4	0.0	71.3
4.4.1 <i>social welfare and other programs</i>	4.3	--	--	4.3
4.4.2 <i>workers' compensation</i>	61.5	5.4	--	66.9
5. Indirect costs: productivity losses (main scenario)	7,126.4	4,678.6	12,470.9	24,275.9
5.1 due to long-term disability	6,163.9	4,408.4	10,536.8	21,109.1
5.2 due to short-term disability (days in bed)	15.9	21.8	24.4	62.0
5.3 due to short-term disability (days with reduced activity)	23.6	-0.1	36.2	59.8
5.4 due to premature mortality	923.0	248.5	1,873.5	3,045.0
Total	14,554.0	8,244.3	16,996.2	39,794.4
Total per capita (in \$)	\$463	\$262	\$541	\$1,267
Total as % of all substance-related costs	36.6%	20.7%	42.7%	100.0%

ADT - Alcohol, Illegal Drugs, and Tobacco

N/A - not applicable

"--" not available

EAP - Employee Assistance Programs

Categories in italics are sub-categories of immediate prior category

Table 17. Comparison of mortality and morbidity indicators using Single et al., 1996 methodology

	All deaths caused			% of all deaths		
	1992	2002	Difference	1992	2002	Relative Difference*
Alcohol	6,701	9,100	2,399	3.4%	4.1%	19.6%
Illegal drugs	732	1,455	723	0.4%	0.7%	75.1%
Tobacco	33,498	37,208	3,710	17.0%	16.6%	-2.2%
All substances combined	40,931	47,763	6,832	20.8%	21.4%	2.8%
	All deaths caused under age 70 years			% of all deaths under age 70		
Alcohol	4,913	5,500	587	6.6%	8.2%	23.9%
Illegal drugs	719	1,441	722	1.0%	2.2%	121.8%
Tobacco	16,077	13,579	-2,498	21.7%	20.3%	-6.5%
All substances combined	21,709	20,520	-1,189	29.3%	30.7%	4.6%
	PYLL			% of all PYLL		
Alcohol	186,257	209,096	22,839	6.05%	6.76%	11.9%
Illegal drugs	31,147	59,220	28,073	1.01%	1.92%	89.4%
Tobacco	495,640	504,609	8,969	16.09%	16.32%	1.4%
All substances combined	713,044	772,925	59,881	23.15%	25.00%	8.0%
	Acute care hospital days			% of all hospital days		
Alcohol	1,149,106	1,550,554	401,448	2.8%	7.2%	160.4%
Illegal drugs	58,571	318,409	259,838	0.1%	1.5%	948.9%
Tobacco	3,024,265	2,316,166	-708,099	7.3%	10.8%	47.8%
All substances combined	4,231,942	4,185,129	-46,813	10.2%	19.5%	90.8%

Please note that the numbers for alcohol are gross numbers; that is, they only account for mortality and morbidity caused by alcohol and not mortality and morbidity prevented by alcohol

* Adjusted for trends in all-cause level of respective health indicator, i.e. all-cause mortality, PYLL and acute care hospitalizations

PYLL - potential years of life lost

Table 18. Comparison of mortality and morbidity using Single et al., 1996 and Rehm et al., 2006 methodology

	1992		2002		1992 vs 2002		Relative Difference*
	Single et al., 1996	Single et al., 1996	Rehm et al., 2006	Rehm et al., 2006	1992	2002	
All deaths caused							
Alcohol	6,701	9,100	8,103	8,103	3.4%	3.6%	6.5%
Illegal drugs	732	1,455	1,695	1,695	0.4%	0.8%	104.0%
Tobacco	33,498	37,208	37,209	37,209	17.0%	16.6%	-2.2%
All substances combined	40,931	47,763	47,007	47,007	20.8%	21.0%	1.2%
All deaths caused under age 70 years							
Alcohol	4,913	5,500	5,061	5,061	6.6%	7.6%	14.0%
Illegal drugs	719	1,441	1,599	1,599	1.0%	2.4%	146.1%
Tobacco	16,077	13,579	14,249	14,249	21.7%	21.3%	-1.9%
All substances combined	21,709	20,520	20,909	20,909	29.3%	31.3%	6.6%
All PYLL							
Alcohol	186,257	209,096	191,136	191,136	6.0%	6.2%	2.2%
Illegal drugs	31,147	59,220	62,110	62,110	1.0%	2.0%	98.7%
Tobacco	495,640	504,609	515,607	515,607	16.1%	16.7%	3.7%
All substances combined	713,044	772,925	768,853	768,853	23.1%	24.9%	7.4%
Acute hospital days							
Alcohol	1,149,106	1,550,554	1,587,054	1,587,054	2.8%	7.4%	166.5%
Illegal drugs	58,571	318,409	352,121	352,121	0.1%	1.6%	1060.0%
Tobacco	3,024,265	2,316,166	2,210,155	2,210,155	7.3%	10.3%	41.0%
All substances combined	4,231,942	4,185,129	4,149,330	4,149,330	10.2%	19.4%	89.2%

Please note that the numbers for alcohol are gross numbers; that is, they only account for mortality and morbidity caused by alcohol and not mortality and morbidity prevented by alcohol

* Adjusted for trends in all-cause level of respective health indicator, i.e. all-cause mortality, PYLL and acute care hospitalizations

PYLL - potential years of life lost

Table 19a. Sensitivity analyses of substance-attributable indirect costs (in million \$)

	Main Scenario	Friction Cost Approach	Human Capital Approach
Costs of productivity losses due to long-term disability			
Alcohol	\$6,163.9	\$133.1	\$9,848.5
Illegal drugs	\$4,408.4	\$93.1	\$7,046.9
Tobacco	\$10,536.8	\$235.9	\$16,821.6
Total	\$21,109.1	\$462.1	\$33,717.0
Costs of productivity losses due to premature mortality			
Alcohol	\$923.0	\$30.0	\$1,822.7
Illegal drugs	\$248.5	\$7.2	\$468.6
Tobacco	\$1,873.5	\$68.7	\$3,148.6
Total	\$3,045.0	\$105.8	\$5,440.0
TOTAL	\$24,154.1	\$567.9	\$39,157.0

Table 19b. Sensitivity analyses of substance-attributable direct and indirect costs (in million \$)

	Main Scenario	Friction Cost Approach	Human Capital Approach
Direct health care costs			
Alcohol	\$3,306.2	\$3,306.2	\$3,306.2
Illegal drugs	\$1,134.6	\$1,134.6	\$1,134.6
Tobacco	\$4,360.2	\$4,360.2	\$4,360.2
Total	\$8,800.9	\$8,800.9	\$8,800.9
Direct law enforcement costs			
Alcohol	\$3,072.2	\$3,072.2	\$3,072.2
Illegal drugs	\$2,335.5	\$2,335.5	\$2,335.5
Tobacco			
Total	\$5,407.8	\$5,407.8	\$5,407.8
Direct costs for prevention and research			
Alcohol	\$53.0	\$53.0	\$53.0
Illegal drugs	\$16.5	\$16.5	\$16.5
Tobacco	\$78.1	\$78.1	\$78.1
Total	\$147.6	\$147.6	\$147.6
Other direct costs			
Alcohol	\$996.1	\$996.1	\$996.1
Illegal drugs	\$79.1	\$79.1	\$79.1
Tobacco	\$87.0	\$87.0	\$87.0
Total	\$1,162.2	\$1,162.2	\$1,162.2
TOTAL DIRECT COSTS	\$15,518.5	\$15,518.5	\$15,518.5
Indirect costs of productivity losses due to short-term disability			
Alcohol	\$39.5	\$39.5	\$39.5
Illegal drugs	\$21.7	\$21.7	\$21.7
Tobacco	\$60.6	\$60.6	\$60.6
Total	\$121.8	\$121.8	\$121.8
Indirect costs of productivity losses due to long-term disability			
Alcohol	\$6,163.9	\$133.1	\$9,848.5
Illegal drugs	\$4,408.4	\$93.1	\$7,046.9
Tobacco	\$10,536.8	\$235.9	\$16,821.6
Total	\$21,109.1	\$462.1	\$33,717.0
Indirect costs of productivity losses due to premature mortality			
Alcohol	\$923.0	\$30.0	\$1,822.7
Illegal drugs	\$248.5	\$7.2	\$468.6
Tobacco	\$1,873.5	\$68.7	\$3,148.6
Total	\$3,045.0	\$105.8	\$5,440.0
TOTAL INDIRECT COSTS	\$24,275.9	\$689.7	\$39,278.8
TOTAL	\$39,794.4	\$16,208.3	\$54,797.3

Table 20. Total costs of substance abuse in Canadian provinces, 2002

Province	BC	AB	SK	MB	ON	QC	NB	NS	PE	NF	YT	NW	NV
Population	4,141,272	3,113,586	1,011,808	1,150,848	12,068,301	7,455,208	756,652	944,765	139,913	531,595	29,924	41,403	28,715
GDP (\$million LCU)	149,957	112,744	36,638	41,673	436,997	269,956	27,399	34,210	5,066	19,249	1,084	1,499	1,040
Alcohol total costs (\$million)	2,219.0	1,640.6	508.7	518.4	5,318.4	3,098.8	451.7	418.9	53.9	246.5	20.6	39.5	27.6
Total as % of GDP	1.5	1.5	1.4	1.2	1.2	1.1	1.6	1.2	1.1	1.3	1.9	2.6	2.7
Total per capita (\$)	536	527	503	450	441	416	597	443	385	464	687	954	961
Total as % of all substance abuse	36.6	37.3	36.9	35.4	37.2	35.7	38.1	33.7	33.2	33.5	47.4	49.3	44.0
Illegal drugs total costs (\$million)	1,507.9	979.0	268.6	270.0	2,923.5	1,626.9	264.4	200.2	30.1	126.8	12.0	21.5	15.1
Total as % of GDP	1.0	0.9	0.7	0.6	0.7	0.6	1.0	0.6	0.6	0.7	1.1	1.4	1.5
Total per capita (\$)	364	314	265	235	242	218	349	212	215	239	400	520	526
Total as % of all substance abuse	24.9	22.2	19.5	18.4	20.4	18.7	22.3	16.1	18.5	17.2	27.6	26.9	24.1
Tobacco total costs (\$million)	2,331.2	1,782.9	599.7	676.2	6,057.2	3,963.5	468.0	625.5	78.6	363.7	10.8	19.1	20.0
Total as % of GDP	1.6	1.6	1.6	1.6	1.4	1.5	1.7	1.8	1.6	1.9	1.0	1.3	1.9
Total per capita (\$)	563	573	593	588	502	532	618	662	562	684	362	460	697
Total as % of all substance abuse	38.5	40.5	43.5	46.2	42.4	45.6	39.5	50.3	48.3	49.3	25.0	23.8	31.9
Total substance abuse costs (\$million)	6,058.1	4,402.6	1,376.9	1,464.6	14,299.1	8,689.2	1,184.1	1,244.6	162.5	737.0	43.4	80.1	62.7
Total per capita (\$)	1,463	1,414	1,361	1,273	1,185	1,166	1,565	1,317	1,162	1,386	1,449	1,934	2,184

LCU - Local Currency Unit

Figure 1. Total social costs of alcohol, illegal drugs and tobacco abuse in Canada, 2002 (in million \$)

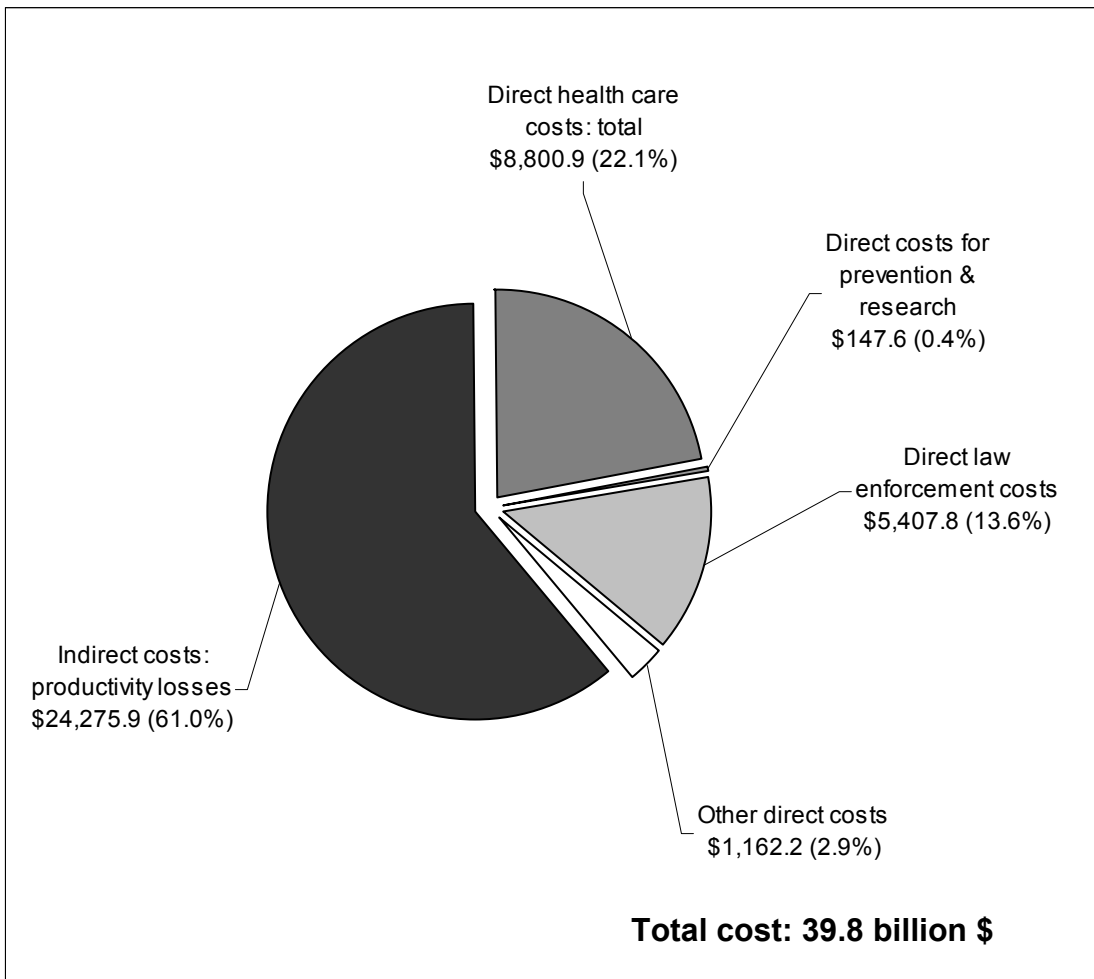
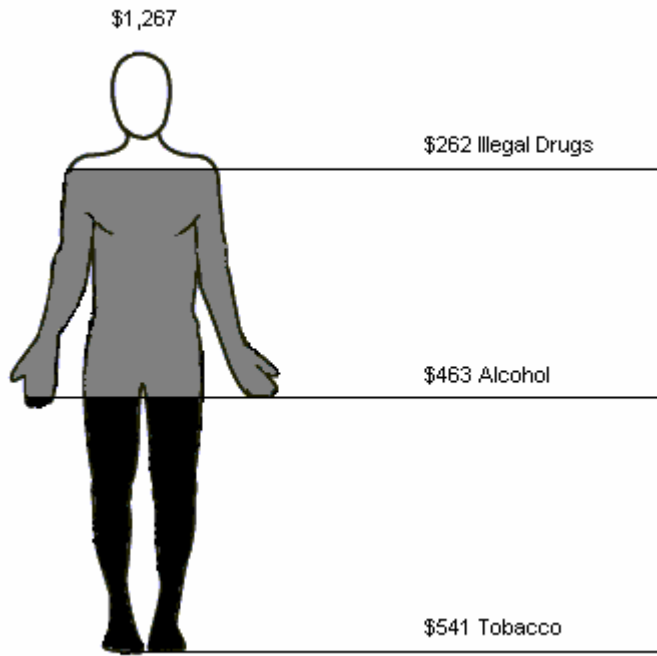


Figure 2. Total social costs of substance abuse *per capita* in Canada, 2002



Appendix 1. ICD-10 codes for disease conditions attributable to alcohol and sources for determining risk relations including alcohol-attributable fractions (AAFs)

Condition	ICD-10 Code	Source for meta-analysis or AAF
Malignant neoplasms		
Oropharyngeal cancer	C00 - C14	Gutjahr et al., 2001
Oesophageal cancer	C15	Gutjahr et al., 2001
Liver cancer	C22	Gutjahr et al., 2001
Laryngeal cancer	C32	Gutjahr et al., 2001
Breast cancer	C50	Ridolfo & Stevenson, 2001
Other neoplasms	D00-D48	Rehm et al., 2004
Diabetes		
Diabetes mellitus	E10 - E14	Gutjahr et al., 2001
Neuro-psychiatric conditions		
Alcoholic psychoses	F10.0, F10.3 - F10.9	100% AAF per definition
Alcohol dependence syndrome	F10.2	100% AAF per definition
Alcohol abuse	F10.1	100% AAF per definition
Unipolar major depression	F32 - F33	Rehm et al., 2004
Degeneration of nervous system due to alcohol	G31.2	100% AAF per definition
Epilepsy	G40 - G41	Gutjahr et al., 2001
Alcoholic polyneuropathy	G62.1	100% AAF per definition
Cardiovascular diseases		
Hypertensive disease	I10 - I15	Corrao et al., 1999
Ischaemic heart disease	I20 - I25	Corrao et al., 2000; Rehm et al., 2004
Alcoholic cardiomyopathy	I42.6	100% AAF per definition
Cardiac arrhythmias	I47 - I49	Gutjahr et al., 2001
Heart failure and ill-defined complications of heart disease	I50 - I52, I23, I25.0, I97.0, I97.1, I98.1	This is an unspecific category with no identification of underlying pathology. Therefore, the relationship between average volume of consumption cannot be determined by usual meta-analysis.
Cerebrovascular disease	I60 - I69	
Ischaemic stroke	I60 - I62	Reynolds et al., 2003
Haemorrhagic stroke	I63 - I66	Reynolds et al., 2003
Oesophageal varices	I85	Gutjahr et al., 2001
Digestive diseases		
Alcoholic gastritis	K29.2	100% AAF per definition
Cirrhosis of the liver	K70, K74	Rehm et al., 2004

Cholelithiasis	K80	Gutjahr et al., 2001
Acute and chronic pancreatitis	K85, K86.1	Corrao et al., 1999
Chronic pancreatitis (alcohol induced)	K86.0	100% AAF per definition
Skin diseases		
Psoriasis	L40	Gutjahr et al., 2001
Conditions arising during the perinatal period		
Low birth weight & short gestation (as defined by the global burden of disease study) *	P05 - P07	Gutjahr et al., 2001
Foetal alcohol syndrome (dysmorphic)	Q86.0	100% AAF per definition
Unintentional injuries		
Motor vehicle accidents	§	Traffic Injury Research Foundation of Canada, 2004; Transport Canada, 2004
Poisonings	X40 - X49	Rehm et al., 2004; adjusted to Canada by AAF for traffic accidents
Accidental poisoning & exposure to alcohol	X45	100% AAF per definition
Falls	W00 - W19	Rehm et al., 2004; adjusted to Canada by AAF for traffic accidents
Fires	X00 - X09	Council of Canadian Fire Marshals and Fire Commissioners, 2003.
Drowning	W65-W74	Rehm et al., 2004; adjusted to Canada by AAF for traffic accidents
Other unintentional injuries	† Rest of V & W20 - W64, W75 - W99, X10 -X39, X50 - X59, Y40 -Y86, Y88, Y89	Rehm et al., 2004; adjusted to Canada by AAF for traffic accidents
Intentional injuries		
Suicide, self-inflicted injuries	X60 - X84, Y87.0	Rehm et al., 2004; adjusted to Canada by AAF for traffic accidents
Intentional self-poisoning by and exposure to alcohol	X65	100% AAF per definition
Homicide	X85 -Y09, Y87.1	Rehm et al., 2004; adjusted to Canada by AAF for traffic accidents
Other intentional injuries	Y35	Rehm et al., 2004; adjusted to Canada by AAF for traffic accidents
Ethanol and methanol toxicity, undetermined intent	Y15	100% AAF per definition
Finding of alcohol in blood	R78.0	100% AAF per definition

* Relative risk refers to drinking of mothers

§ V021-V029, V031-V039, V041-V049, V092, V093, V123-V129, V133-V139, V143-V149, V194-V196, V203-V209, V213-V219, V223-V229, V233-V239, V243-V249, V253-V259, V263-V269, V273-V279, V283-V289, V294-V299, V304-V309, V314-V319, V324-V329, V334-V339, V344-V349, V354-V359, V364-V369, V374-V379, V384-V389, V394-V399, V404-V409, V414-V419, V424-V429, V434-V439, V444-V449, V454-V459, V464-V469, V474-V479, V484-V489, V494-V499, V504-V509, V514-V519, V524-V529, V534-V539, V544-V549, V554-V559, V564-V569, V574-V579, V584-V589, V594-V599, V604-V609, V614-V619, V624-V629, V634-V639, V644-V649, V654-V659, V664-V669, V674-V679, V684-V689, V694-V699, V704-V709, V714-V719, V724-V729, V734-V739, V744-V749, V754-V759, V764-V769, V774-V779, V784-V789, V794-V799, V803-V805, V811, V821, V830-V833, V840-V843, V850-V853, V860-V863, V870-V878, V892.

† Rest of V = V-series MINUS §

Appendix 2. ICD-10 codes for disease conditions attributable to illegal drugs and sources for determining risk relations including drug-attributable fractions (DAFs)

Condition	ICD-10	Source for meta-analysis or DAF
Mental & behavioural disorders due to use of		
Opioids	F11	100% DAF per definition
Cannabinoids	F12	100% DAF per definition
Cocaine	F14	100% DAF per definition
Other stimulants, including caffeine	F15	100% DAF per definition
Hallucinogens	F16	100% DAF per definition
Multiple drug use of other psychoactive substances	F19	100% DAF per definition
Drug psychoses	--	100% DAF per definition
Infectious diseases		
HIV	B20-B24	Geduld et al., 2003
Viral hepatitis C	B17.1, B18.2	Remis, 2004
Viral hepatitis B	B16, B18.0-B18.1	Single et al., 1996
Infective (acute and subacute) endocarditis	I33	Single et al., 1996
Conditions arising during the perinatal period		
Pregnancy complications	O44-O46, O67, O35.5, O36.5	Relative risk for low birth weight was taken from English et al., 1995
Foetus and newborn affected by maternal use of drugs of addiction	P04.4	Relative risk for low birth weight was taken from English et al., 1995
Neonatal conditions; low birth weight & short gestation; maternal opiate use	P02.0-P02.2, P04.8, P05-P07, P96.1	Relative risk for low birth weight was taken from English et al., 1995
Unintentional injuries		
Cannabis attributable traffic accidents	Specific codes V01-V89*	MacDonald et al., 2003
Cocaine attributable traffic accidents	Specific codes V01-V89*	MacDonald et al., 2003
Accidental poisoning by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified	X42	100% DAF per definition
Intentional injuries		
Suicide, self-inflicted injuries	X60-X84, Y87.0	see methodology section in Popova et. al., submitted a

Homicide	X85-Y09, Y87.1	100% DAF per definition
Poisonings		
Poisoning by Opium	T40.0	100% DAF per definition
Heroin	T40.1	100% DAF per definition
Other opioids	T40.2	100% DAF per definition
Methadone	T40.3	100% DAF per definition
Other synthetic narcotics	T40.4	100% DAF per definition
Cocaine	T40.5	100% DAF per definition
Cannabis	T40.7	100% DAF per definition
Local anaesthetics (cocaine)	T41.3	100% DAF per definition
Drugs, medicaments and biological substances causing adverse effects in therapeutic use		
Opioids and related analgesics causing adverse effects in therapeutic use	Y45.0	100% DAF per definition

* V021-V029, V031-V039, V041-V049, V092, V093, V123-V129, V133-V139, V143-V149, V194-V196, V203-V209, V213-V219, V223-V229, V233-V239, V243-V249, V253-V259, V263-V269, V273-V279, V283-V289, V294-V299, V304-V309, V314-V319, V324-V329, V334-V339, V344-V349, V354-V359, V364-V369, V374-V379, V384-V389, V394-V399, V404-V409, V414-V419, V424-V429, V434-V439, V444-V449, V454-V459, V464-V469, V474-V479, V484-V489, V494-V499, V504-V509, V514-V519, V524-V529, V534-V539, V544-V549, V554-V559, V564-V569, V574-V579, V584-V589, V594-V599, V604-V609, V614-V619, V624-V629, V634-V639, V644-V649, V654-V659, V664-V669, V674-V679, V684-V689, V694-V699, V704-V709, V714-V719, V724-V729, V734-V739, V744-V749, V754-V759, V764-V769, V774-V779, V784-V789, V794-V799, V803-V805, V811, V821, V830-V833, V840-V843, V850-V853, V860-V863, V870-V878, V892

Appendix 3. ICD-10 codes for disease conditions attributable to tobacco and sources for determining risk relations including smoking-attributable fractions (SAFs)

Condition	ICD-10	Source for meta-analysis or SAF
Mental and behavioural disorders due to use of tobacco	F17	100% SAF per definition
Toxic effect of tobacco and nicotine	T65.2	100% SAF per definition
Malignant neoplasms		
Oropharyngeal cancer	C00-C14, D00.0	English et al., 1995
Oesophageal cancer	C15, D00.1	English et al., 1995
Stomach cancer	C16, D00.2	Tredaniel et al., 1997
Pancreas cancer	C25, D01.9	English et al., 1995
Laryngeal cancer	C32, D02.0	English et al., 1995
Trachea, bronchus and lung cancers	C33-C34	Simonato et al., 2001
Cervical cancer	C53, D06	Plummer et al., 2003
Urinary tract cancer	C64-C68	Zeegers et al., 2000
Renal cell carcinoma	C64	Hunt, 2005
Bladder cancer	C67, D09.0	Brennan et al., 2000; 2001
Acute myeloid leukaemia	C92.0	Brownson et al., 1993
Cardiovascular diseases		
Ischaemic heart disease	I20-I25	Law, 1997 & Law, 2003
Pulmonary circulatory disease	I26-I28	English et al., 1995
Cardiac arrhythmias	I47-I49	Follow IHD
Heart failure; complications and ill-defined descriptions and of heart disease	I50-I51	Follow IHD
Cerebrovascular diseases	I60-I69	English et al., 1995
Atherosclerosis	I70-I79	English et al., 1995
Respiratory diseases		
Pneumonia & influenza	J10-J18	English et al., 1995
Chronic obstructive pulmonary disease	J40-J44	Single et al., 1996
Ulcers	K25-K28	English et al., 1995
Conditions arising during the perinatal period		
Foetus and newborn affected by maternal use of tobacco	P04.2	100% SAF per definition
Low birth weight & short gestation	P05-P07	English et al., 1995
Sudden infant death syndrome	R95	English et al., 1995
Unintentional injuries		
Fires	X00-X09	Council of Canadian Fire Marshals and Fire Commissioners, 2003

Appendix 4. Continued

CONDITION	Alcohol-attributable fractions													
	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
SKIN DISEASES														
Psoriasis	--	--	0.317	0.204	0.300	0.191	0.281	0.178	0.262	0.164	0.248	0.154	0.234	0.143
CONDITIONS ARISING DURING THE PERINATAL PERIOD														
Low birth weight	0.068	0.068	--	--	--	--	--	--	--	--	--	--	--	--
Fetal alcohol syndrome	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
UNINTENTIONAL INJURIES														
Motor vehicle accidents	0.143	0.095	0.345	0.127	0.354	0.169	0.195	0.149	0.110	0.078	0.110	0.078	0.110	0.078
Poisonings	0.000	0.000	0.188	0.151	0.096	0.090	0.105	0.105	0.073	0.069	0.039	0.035	0.039	0.035
<i>Accidental poisoning & exposure to alcohol</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>
Falls	0.000	0.000	0.145	0.091	0.135	0.084	0.149	0.149	0.078	0.043	0.056	0.017	0.056	0.017
Fires	0.155	0.155	0.241	0.114	0.207	0.103	0.172	0.083	0.138	0.062	0.117	0.052	0.097	0.041
Drownings	0.000	0.000	0.169	0.163	0.185	0.180	0.204	0.204	0.117	0.112	0.117	0.112	0.117	0.112
Other unintentional injuries	0.096	0.027	0.188	0.151	0.174	0.140	0.161	0.161	0.112	0.086	0.112	0.086	0.112	0.086
INTENTIONAL INJURIES														
Self-inflicted injuries	0.000	0.000	0.097	0.067	0.090	0.062	0.074	0.074	0.052	0.039	0.022	0.022	0.022	0.022
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>
Homicide	0.080	0.080	0.175	0.175	0.163	0.163	0.180	0.180	0.125	0.125	0.125	0.125	0.125	0.125
Other Intentional injuries	0.000	0.000	0.133	0.133	0.124	0.124	0.136	0.136	0.095	0.095	0.048	0.048	0.048	0.048
OTHER														
Ethanol and methanol toxicity, undetermined intent	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Finding of alcohol in blood	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Categories in italic are subcategories of immediate prior category

Appendix 5. Continued

CONDITION	Alcohol-attributable fractions													
	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
SKIN DISEASES														
Psoriasis	--	--	0.317	0.204	0.300	0.191	0.281	0.178	0.262	0.164	0.248	0.154	0.234	0.143
CONDITIONS ARISING DURING THE PERINATAL PERIOD														
Low birth weight & short gestation	0.068	0.068	--	--	--	--	--	--	--	--	--	--	--	--
Fetal alcohol syndrome	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
UNINTENTIONAL INJURIES														
Motor vehicle accidents	0.215	0.143	0.517	0.190	0.531	0.253	0.293	0.223	0.165	0.117	0.165	0.117	0.165	0.117
Poisonings	0.000	0.000	0.422	0.340	0.215	0.202	0.237	0.237	0.165	0.156	0.088	0.078	0.088	0.078
<i>Accidental poisoning & exposure to alcohol</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>
Falls	0.000	0.000	0.326	0.204	0.303	0.190	0.335	0.335	0.175	0.097	0.126	0.039	0.126	0.039
Fires	0.349	0.349	0.543	0.256	0.465	0.233	0.388	0.186	0.310	0.140	0.264	0.116	0.217	0.093
Drownings	0.000	0.000	0.381	0.367	0.417	0.405	0.460	0.460	0.263	0.253	0.263	0.253	0.263	0.253
Other unintentional injuries	0.215	0.060	0.422	0.340	0.392	0.316	0.363	0.363	0.253	0.194	0.253	0.194	0.253	0.194
INTENTIONAL INJURIES														
Self-inflicted injuries	0.000	0.000	0.218	0.150	0.202	0.139	0.167	0.167	0.117	0.088	0.049	0.049	0.049	0.049
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>
Homicide	0.179	0.179	0.394	0.394	0.367	0.367	0.404	0.404	0.282	0.282	0.282	0.282	0.282	0.282
Other Intentional injuries	0.000	0.000	0.299	0.299	0.278	0.278	0.307	0.307	0.214	0.214	0.107	0.107	0.107	0.107
OTHER														
Ethanol and methanol toxicity	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Finding of alcohol in blood	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Categories in italics are sub-categories of immediate prior category

Appendix 7. Smoking-attributable fractions for mortality or morbidity by sex, age and disease category in Canada, 2002

CONDITION/ CAUSE OF DEATH	Smoking-attributable fractions													
	<1 yr		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
ACTIVE SMOKERS														
MALIGNANT NEOPLASMS														
Oropharyngeal cancer	--	--	0.630	0.561	0.669	0.608	0.662	0.614	0.581	0.519	0.509	0.460	0.476	0.362
Oesophageal cancer	--	--	0.518	0.476	0.550	0.500	0.547	0.503	0.495	0.432	0.456	0.382	0.441	0.318
Stomach cancer	--	--	0.128	0.185	0.189	0.164	0.191	0.167	0.171	0.138	0.151	0.114	0.147	0.091
Pancreatic cancer	--	--	0.216	0.190	0.230	0.196	0.221	0.194	0.186	0.153	0.153	0.122	0.143	0.092
Laryngeal cancer	--	--	0.686	0.642	0.727	0.677	0.729	0.686	0.678	0.616	0.653	0.571	0.640	0.505
Trachea, bronchus and lung cancers	--	--	0.860	0.579	0.884	0.645	0.904	0.720	0.897	0.678	0.877	0.614	0.872	0.493
Cervical cancer	--	--	--	0.346	--	0.378	--	0.386	--	0.349	--	0.317	--	0.275
Urinary tract cancer	--	--	0.587	0.517	0.685	0.485	0.686	0.486	0.608	0.419	0.519	0.374	0.483	0.314
Renal cell carcinoma	--	--	0.245	0.084	0.280	0.103	0.291	0.107	0.273	0.083	0.253	0.064	0.248	0.047
Bladder cancer	--	--	0.599	0.524	0.647	0.570	0.675	0.583	0.682	0.559	0.679	0.526	0.681	0.485
Acute myeloid leukemia	--	--	0.185	0.174	0.218	0.202	0.240	0.210	0.246	0.194	0.243	0.175	0.245	0.152
TOBACCO ABUSE														
Tobacco abuse	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Toxic effect of tobacco and nicotine	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CARDIOVASCULAR DISEASES														
Ischaemic heart disease														
Age < 45 yrs	--	--	0.466	0.406	0.521	0.453	--	--	--	--	--	--	--	--
45-59 yrs	--	--	--	--	--	--	0.422	0.373	--	--	--	--	--	--
60-69 yrs	--	--	--	--	--	--	--	--	0.291	0.234	--	--	--	--
70-79 yrs	--	--	--	--	--	--	--	--	--	--	0.100	0.073	--	--
80+ yrs	--	--	--	--	--	--	--	--	--	--	--	--	0.089	0.051
Pulmonary circulatory disease	--	--	0.808	0.792	0.831	0.813	0.841	0.819	0.838	0.796	0.830	0.769	0.829	0.733
Cardiac arrhythmias														
Age < 45 yrs	--	--	0.466	0.406	0.521	0.453	--	--	--	--	--	--	--	--
45-59 yrs	--	--	--	--	--	--	0.422	0.373	--	--	--	--	--	--
60-69 yrs	--	--	--	--	--	--	--	--	0.291	0.234	--	--	--	--
70-79 yrs	--	--	--	--	--	--	--	--	--	--	0.100	0.073	--	--
80+ yrs	--	--	--	--	--	--	--	--	--	--	--	--	0.089	0.051

Appendix 7. Continued

CONDITION/ CAUSE OF DEATH	Smoking-attributable fractions													
	<1 yr		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Heart failure														
Age < 45 yrs	--	--	0.466	0.406	0.521	0.453	--	--	--	--	--	--	--	--
45-59 yrs	--	--	--	--	--	--	0.422	0.373	--	--	--	--	--	--
60-69 yrs	--	--	--	--	--	--	--	--	0.291	0.234	--	--	--	--
70-79 yrs	--	--	--	--	--	--	--	--	--	--	0.100	0.073	--	--
80+ yrs	--	--	--	--	--	--	--	--	--	--	--	--	0.089	0.051
Cerebrovascular diseases*														
Age < 65 yrs	--	--	0.388	0.391	0.428	0.376	0.412	0.373	0.347	0.299	--	--	--	--
>= 65 yrs	--	--	--	--	--	--	--	--	0.172	0.142	0.145	0.116	0.137	0.088
Atherosclerosis	--	--	0.371	0.426	0.390	0.444	0.399	0.427	0.358	0.414	0.325	0.411	0.282	0.267
RESPIRATORY DISEASES														
Pneumonia/ Influenza	--	--	0.175	0.162	0.200	0.181	0.212	0.186	0.207	0.165	0.199	0.144	0.198	0.122
Chronic obstructive pulmonary disease	--	--	0.808	0.792	0.831	0.813	0.841	0.819	0.838	0.796	0.830	0.769	0.829	0.733
INTESTINAL DISEASE														
Ulcer	--	--	0.374	0.373	0.441	0.416	0.479	0.433	0.487	0.410	0.492	0.385	0.495	0.349
CONDITIONS ARISING DURING THE PERINATAL PERIOD														
Low birthweight and short gestation	0.247	0.206	--	--	--	--	--	--	--	--	--	--	--	--
Sudden infant death syndrome	0.312	0.265	--	--	--	--	--	--	--	--	--	--	--	--
INJURY														
Fire injury	--	--	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280
PASSIVE SMOKERS														
Lung cancer	--	--	0.035	0.032	0.016	0.013	0.020	0.018	0.018	0.016	0.015	0.013	0.010	0.009
Ischaemic heart disease	--	--	0.040	0.036	0.018	0.015	0.023	0.020	0.021	0.018	0.017	0.014	0.011	0.011

Appendix 8. Productivity cost equation due to premature mortality

The algebraic form of the cost equation is as follows:

$$PC^m = \sum_i^2 \sum_j^k N_{ij}^m \left[\frac{p(E)_{ij}^m \times Y(E)_{ij} \times W_{ij}^m \times FP}{12} + \sum_{t=d}^{65} \frac{RW_{ijt}^m}{(1+r)^{t-d}} \right],$$

where for mental disorder m ,

i is the gender group

j is the age group, $j = 1, \dots, k$

t is time (in years), $t = d, d + 1, \dots, 65$

r is the discount rate

N_{ij}^m is the number of premature deaths + permanently disabled attributable to mental disorder m of the ij th population group

$p(E)_{ij}^m$ is the probability that a person with mental disorder m of the ij th population group is in paid employment

W_{ij}^m is the percentage of earnings of the general population for persons with mental disorder m in the ij th population group

RW_{ijt} is the marginal reservation wage for persons in the ij th population group at time t

FP is the friction period (in months).

Appendix 9. The costs of alcohol, illegal drugs and tobacco based on Human Capital Approach in Canada, 2002

	(in millions dollars)			
	Alcohol	Illegal drugs	Tobacco	TOTAL ADT
1. Direct health care costs: total	3,306.2	1,134.6	4,360.2	8,800.9
1.1 morbidity - acute care hospitalization	1,458.6	426.37	2,551.2	4,436.2
- psychiatric hospitalization	19.6	11.5	--	31.2
1.2 inpatient specialized treatment	754.9	352.1	--	1,107.1
1.3 outpatient specialized treatment	52.4	56.3	--	108.7
1.4 ambulatory care: physician fees	80.2	22.6	142.2	245.0
1.5 family physician visit	172.8	48.8	306.3	527.9
1.6 prescription drugs	767.6	216.8	1,360.5	2,344.9
2. Direct law enforcement costs	3,072.2	2,335.5		5,407.8
2.1 police	1,898.8	1,432.0	--	3,330.7
2.2 courts	513.1	330.6	--	843.7
2.3 corrections (including probation)	660.4	573.0	--	1,233.4
3. Direct costs for prevention and research	53.0	16.5	78.1	147.6
3.1 research	17.3	8.6	9.0	34.9
3.2 prevention programs	33.9	7.9	69.1	110.9
3.3 salaries and operating funds	1.8	--	--	1.8
4. Other direct costs	996.1	79.1	87.0	1,162.2
4.1 fire damage	156.5	--	86.5	243.0
4.2 traffic accident damage	756.9	67.0	--	823.9
4.3 losses associated with the workplace	17.0	6.6	0.5	24.1
<i>4.3.1 EAP & health promotion programs</i>	<i>17.0</i>	<i>4.2</i>	<i>0.5</i>	<i>21.7</i>
<i>4.3.2 drug testing in the workplace</i>	<i>--</i>	<i>2.4</i>	<i>N/A</i>	<i>2.4</i>
4.4 administrative costs for transfer payments	65.8	5.4	0.0	71.3
<i>4.4.1 social welfare and other programs</i>	<i>4.3</i>	<i>--</i>	<i>--</i>	<i>4.3</i>
<i>4.4.2 workers' compensation</i>	<i>61.5</i>	<i>5.4</i>	<i>--</i>	<i>66.9</i>
5. Indirect costs: productivity losses	11,710.8	7,537.2	20,030.8	39,278.8
5.1 due to long-term disability (Human Capital Method)	9,848.5	7,046.9	16,821.6	33,717.0
5.2 due to short-term disability (days in bed)	15.9	21.8	24.4	62.0
5.3 due to short-term disability (days with reduced activity)	23.6	-0.1	36.2	59.8
5.4 due to premature mortality (Human Capital Method)	1,822.7	468.6	3,148.6	5,440.0
Total	19,138.4	11,102.8	24,556.1	54,797.3
Total as % of GDP (2002 LCU)	1.68%	0.98%	2.16%	4.82%
Total per capita (in \$)	\$609	\$353	\$782	\$1,744
Total as % of all substance-related costs	34.9%	20.3%	44.8%	100.0%

ADT - Alcohol, Illegal Drugs, and Tobacco

N/A - not applicable

"--" not available

LCU - Local Currency Unit

EAP - Employee Assistance Programs

Categories in italics are sub-categories of immediate prior category

Appendix 10. List of additional tables

All these tables are available on CD ROM from the Canadian Centre on Substance Abuse. Please contact CCSA at 75 Albert St., Suite 300, Ottawa ON K1P 5E7, tel.: 613-235-4048, or e-mail: info@ccsa.ca. You can also consult CCSA's website at www.ccsa.ca for instructions on how to obtain the tables.

Table Number	Title of Table
DIRECT COSTS	
Health care cost	
D-HC-1	Costs of acute care hospitalizations due to alcohol, illegal drugs and tobacco in provinces, territories, and Canada, 2002
D-HC-2	Costs of psychiatric hospitalizations due to alcohol and illegal drugs in provinces, territories, and Canada, 2002
D-HC-3	Costs of inpatient specialized treatment due to alcohol and illegal drugs in provinces, territories, and Canada, 2002
D-HC-4	Costs of outpatient specialized treatment due to alcohol and illegal drugs in provinces, territories, and Canada, 2002
D-HC-5	Costs of ambulatory care services (physician fees) in provinces, territories, and Canada, 2002
D-HC-6	Costs of family physician visits due to alcohol, illegal drugs and tobacco by provinces, territories and Canada, 2002
D-HC-7	Costs of prescribed drugs due to alcohol, illegal drugs and tobacco in provinces, territories, and Canada, 2002
D-HC-8	Number of ambulatory care services attributable to alcohol, illegal drugs and tobacco in provinces, territories, and Canada, 2002
Cost of substance-attributable prevention and research	
D-PR-1	Costs of prevention and research attributable to alcohol, illegal drugs and tobacco in Canada, 2002
Morbidity estimates	
Alcohol acute care hospitalizations (diagnoses)	
D-HC-A-1	Alcohol-attributable fractions, mean age at hospital diagnosis, and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in Canada, 2002
D-HC-A-2	Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in BC, 2002
D-HC-A-3	Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in AB, 2002
D-HC-A-4	Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in SK, 2002
D-HC-A-5	Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in MB, 2002
D-HC-A-6	Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in ON, 2002
D-HC-A-7	Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in QC, 2002
D-HC-A-8	Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in NB, 2002
D-HC-A-9	Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in NS, 2002
D-HC-A-10	Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in PEI, 2002
D-HC-A-11	Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in NF, 2002
D-HC-A-12	Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in YT, 2002
D-HC-A-13	Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in NWT, 2002
D-HC-A-14	Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in NU, 2002
Alcohol acute care hospital days	
D-HC-A-15	Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in Canada, 2002
D-HC-A-16	Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in BC, 2002
D-HC-A-17	Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in AB, 2002
D-HC-A-18	Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in SK, 2002
D-HC-A-19	Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in MB, 2002
D-HC-A-20	Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in ON, 2002
D-HC-A-21	Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in QC, 2002
D-HC-A-22	Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in NB, 2002
D-HC-A-23	Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in NS, 2002
D-HC-A-24	Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in PEI, 2002

D-HC-S-25	Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in NF, 2002
D-HC-S-26	Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in YT, 2002
D-HC-S-27	Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in NWT, 2002
D-HC-S-28	Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in NU, 2002

INDIRECT COSTS***Productivity losses***

I-PR-1	Short-term disability: Days in bed due to alcohol, illegal drugs and tobacco in Canada, 2002
I-PR-2	Short-term disability: Income lost due to days in bed due to alcohol, illegal drugs and tobacco in Canada, 2002
I-PR-3	Short-term disability: Days with reduced activity due to alcohol, illegal drugs and tobacco in Canada, 2002
I-PR-4	Short term disability: Income losses due to days with reduced activity attributable to alcohol, illegal drugs and tobacco in Canada, 2002

Long term disability

I-PR-5	Long-term disability: Years of lost productivity due to alcohol, illegal drugs and tobacco in Canada, 2002
I-PR-6	Long-term disability: Productivity losses due to alcohol, illegal drugs and tobacco in Canada, 2002
I-PR-7	Productivity losses due to premature deaths attributable to alcohol, illegal drugs and tobacco in Canada, 2002

Mortality estimates***Alcohol***

I-A-1	Alcohol-attributable fractions, mean age at death, and number of deaths attributable to alcohol by sex, age and disease category in Canada, 2002
I-A-2	Alcohol-attributable fractions and number of deaths attributable to alcohol by sex, age and disease category in BC, 2002
I-A-3	Alcohol-attributable fractions and number of deaths attributable to alcohol by sex, age and disease category in AB, 2002
I-A-4	Alcohol-attributable fractions and number of deaths attributable to alcohol by sex, age and disease category in SK, 2002
I-A-5	Alcohol-attributable fractions and number of deaths attributable to alcohol by sex, age and disease category in MB, 2002
I-A-6	Alcohol-attributable fractions and number of deaths attributable to alcohol by sex, age and disease category in ON, 2002
I-A-7	Alcohol-attributable fractions and number of deaths attributable to alcohol by sex, age and disease category in QC, 2002
I-A-8	Alcohol-attributable fractions and number of deaths attributable to alcohol by sex, age and disease category in NB, 2002
I-A-9	Alcohol-attributable fractions and number of deaths attributable to alcohol by sex, age and disease category in NS, 2002
I-A-10	Alcohol-attributable fractions and number of deaths attributable to alcohol by sex, age and disease category in PEI, 2002
I-A-11	Alcohol-attributable fractions and number of deaths attributable to alcohol by sex, age and disease category in NF, 2002
I-A-12	Alcohol-attributable fractions and number of deaths attributable to alcohol by sex, age and disease category in YT, 2002
I-A-13	Alcohol-attributable fractions and number of deaths attributable to alcohol by sex, age and disease category in NWT, 2002
I-A-14	Alcohol-attributable fractions and number of deaths attributable to alcohol by sex, age and disease category in NU, 2002

Illegal drugs

I-D-1	Drug-attributable fractions, mean age at death, and number of deaths attributable to illegal drugs by sex, age, and disease category in Canada, 2002
I-D-2	Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in BC, 2002
I-D-3	Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in AB, 2002
I-D-4	Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in SK, 2002
I-D-5	Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in MB, 2002
I-D-6	Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in ON, 2002
I-D-7	Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in QC, 2002
I-D-8	Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in NB, 2002
I-D-9	Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in NS, 2002
I-D-10	Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in PEI, 2002
I-D-11	Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in NF, 2002
I-D-12	Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in YT, 2002
I-D-13	Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in NWT, 2002
I-D-14	Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in NU, 2002

Tobacco

I-S-1	Smoking-attributable fractions, mean age at death, and number of deaths attributable to tobacco by sex, age and disease category in Canada, 2002
I-S-2	Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in BC, 2002

I-S-3	Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in AB, 2002
I-S-4	Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in SK, 2002
I-S-5	Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in MB, 2002
I-S-6	Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in ON, 2002
I-S-7	Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in QC, 2002
I-S-8	Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in NB, 2002
I-S-9	Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in NS, 2002
I-S-10	Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in PEI, 2002
I-S-11	Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in NF, 2002
I-S-12	Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in YT, 2002
I-S-13	Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in NWT, 2002
I-S-14	Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in NU, 2002

Potential Years of Life Lost

E-P-1	Potential years of life lost due to alcohol by sex and age in provinces, territories, and Canada, 2002
E-P-2	Potential years of life lost due to illegal drugs by sex and age in provinces, territories, and Canada, 2002
E-P-3	Potential years of life lost due to tobacco by sex and age in provinces, territories, and Canada, 2002

APPENDICES

APP-1	Prevalence of alcohol consumption in Canada, by age, sex, and drinking category
APP-2	Prevalence of smoking, by age and sex, used in the calculation of SAFs for the following diseases: cerebrovascular diseases: atherosclerosis, ulcer, oropharyngeal, pancreatic, laryngeal, oesophageal cancers, and pneumonia/influenza
APP-3	Prevalence of smoking, by age and sex, used in the calculation of SAFs for the following diseases: chronic obstructive pulmonary disorder, pulmonary circulatory disease
APP-4	Prevalence of smoking, by age and sex, used in the calculation of SAFs for the following diseases: bladder cancer and acute myeloid leukaemia
APP-5	Prevalence of smoking, by age and sex, used in the calculation of SAFs for stomach cancer
APP-6	Prevalence of smoking, by age and sex, used in the calculation of SAFs for urinary tract cancer
APP-7	Prevalence of smoking, by age and sex, used in the calculation of SAFs for the following diseases: renal cell carcinoma, low birth weight and AIDS
APP-8	Prevalence of smoking, by age and sex, used in the calculation of SAFs for cervical cancer
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APP-10	Relative risks used for estimation of alcohol-attributable fractions, morbidity and mortality
APP-11	Relative risks used for estimation of smoking-attributable fractions, morbidity and mortality
APP-12	Alcohol-attributable fractions for morbidity by sex, age and disease condition in provinces, territories and Canada, 2002
APP-13	Alcohol-attributable fractions for mortality by sex, age and disease condition in provinces, territories and Canada, 2002
APP-14	Drug-attributable fractions for mortality or morbidity by sex, age and disease condition in provinces, territories and Canada, 2002
APP-15	Smoking-attributable fractions for mortality or morbidity by sex, age and disease condition in provinces, territories and Canada, 2002
APP-16	ICD-9 and ICD-10 codes for disease conditions attributable to alcohol
APP-17	ICD-9 and ICD-10 codes for disease conditions attributable to illegal drugs
APP-18	ICD-10 codes for disease conditions attributable to tobacco

Appendix 11. List of specific articles on epidemiological aspects

The following manuscripts are available upon request from the authors.

Morbidity attributable to substance abuse

Baliunas, D., Patra, J., Rehm, J., Taylor, B., Popova, S., & Kaiserman, M. (forthcoming). Smoking-attributable morbidity in Canada 2002: conclusions for prevention and policy.

Popova, S., Rehm, J., Patra, J., Baliunas, D., & Taylor, B. (submitted). Illegal drug-attributable morbidity in Canada 2002: implications for prevention and policy. *Drug and Alcohol Review*.

Rehm, J., Giesbrecht, N., Patra, J., & Roerecke, M. (accepted). Estimating chronic-disease deaths and hospitalizations due to alcohol use in Canada in 2002 – Implications for policy and prevention strategies. *Preventing Chronic Disease: Public Health Research, Practice, and Policy*.

Taylor, B., Rehm, J., Patra, J., Popova, S., Baliunas, D. (submitted). Alcohol-attributable morbidity and resulting health care costs in Canada 2002: recommendations for policy and prevention. *Journal of Alcohol Studies*.

Mortality attributable to substance abuse

Baliunas, D., Patra, J., Rehm, J., Popova, S., Kaiserman, M., & Taylor, B. (submitted). Smoking-attributable mortality and potential years of life lost in Canada 2002: conclusions for prevention and policy. *Chronic Diseases in Canada*.

Popova, S., Rehm, J., & Patra, J. (submitted). Illegal drug-attributable mortality and potential years of life lost in Canada 2002: conclusions for prevention and policy. *Contemporary Drug Problems*.

Rehm, J., Patra, J., & Popova, S. (2006). Alcohol-attributable mortality and potential years of life lost in Canada 2001: implications for prevention and policy. *Addiction*, 101(3), 373-384.

Rehm, J., Patra, J., & Popova, S. (2006). *Alcohol-attributable mortality and potential years of life lost in Canada 2002: implications for prevention and policy*. Toronto, Canada: Centre for Addiction and Mental Health.

Patra, J., Taylor, B., Rehm, J., Baliunas, D., & Popova, S. (submitted). Substance-attributable morbidity and mortality changes to Canada's epidemiological profile: measurable differences over a ten-year period. *Canadian Journal of Public Health*.

Social costs attributable to substance abuse

Rehm, J., Giesbrecht, N., Popova, S., Patra, J., Adlaf, E., & Mann, R. (in press). Overview of positive and negative effects of alcohol consumption—implications for preventive policies in Canada. Ottawa, Canada: Health Canada.

Rehm, J., Popova, S., Patra, J., Gnam, W., Sarnocinska-Hart, A., Baliunas, D., & Taylor, B. (forthcoming). The costs of alcohol, illegal drugs and tobacco in Canada 2002. *American Journal of Public Health*.

Table D-HC-1. Costs of acute care hospitalizations attributable to alcohol, illegal drugs and tobacco in provinces, territories, and Canada, 2002

PROVINCES	Alcohol	Illegal Drugs*	Cannabis	Tobacco[§]	Passive smoking	Total ADT
British Columbia	\$266,745,796	\$123,731,884	\$20,375,651	\$386,998,137	\$7,052,339	\$777,475,816
Alberta	\$195,803,618	\$62,630,351	\$12,233,203	\$290,681,896	\$5,961,172	\$549,115,865
Saskatchewan	\$58,359,896	\$13,581,393	\$2,958,451	\$104,200,223	\$2,225,658	\$176,141,512
Manitoba	\$67,512,776	\$18,718,311	\$3,079,863	\$119,055,702	\$2,528,206	\$205,286,788
Ontario	\$415,560,949	\$89,271,257	\$12,235,947	\$817,733,502	\$17,873,434	\$1,322,565,707
Quebec	\$321,002,174	\$88,999,495	\$14,645,100	\$566,070,653	\$12,020,787	\$976,072,322
New Brunswick	\$41,963,534	\$11,634,696	\$1,914,714	\$74,001,136	\$1,571,450	\$127,599,367
Nova Scotia	\$50,870,211	\$10,125,440	\$2,807,084	\$103,914,114	\$2,242,568	\$164,909,764
Prince Edward Island	\$5,081,105	\$1,415,381	\$240,150	\$11,728,880	\$250,803	\$18,225,366
Newfoundland	\$27,105,704	\$4,100,219	\$527,394	\$68,048,813	\$1,712,253	\$99,254,737
Yukon	\$1,256,262	\$309,244	\$40,636	\$1,093,030	\$18,653	\$2,658,537
Northwest Territories	\$4,756,745	\$1,127,686	\$391,860	\$3,036,611	\$32,992	\$8,921,042
Nunavut	\$2,608,612	\$722,786	\$119,321	\$4,599,908	\$97,681	\$7,931,305
CANADA	\$1,458,627,382	\$426,368,141	\$71,569,374	\$2,551,162,605	\$53,587,998	\$4,436,158,128

*Including cannabis

§Including active and passive smoking

ADT - Alcohol, Illegal drugs, and Tobacco

Table D-HC-2. Costs of psychiatric hospitalizations attributable to alcohol and illegal drugs in provinces, territories, and Canada, 2002

PROVINCES	Alcohol	Illegal Drugs*	Cannabis	Total AD
British Columbia	\$306,786	\$40,060	\$0	346,845
Alberta	\$2,652,605	\$1,978,221	\$227,266	4,630,826
Saskatchewan	\$131,115	\$283,663	\$19,331	414,778
Manitoba	\$85,541	\$137,940	\$6,718	223,481
Ontario	\$14,800,765	\$7,776,773	\$1,092,837	22,577,538
Quebec	\$705,585	\$696,691	\$47,764	1,402,277
New Brunswick	\$120,051	\$25,634	\$15,807	145,685
Nova Scotia	\$311,395	\$108,928	\$18,627	420,323
Prince Edward Island	\$55,494	\$102,756	\$0	158,250
Newfoundland	\$467,665	\$387,300	\$22,754	854,965
Yukon	\$0	\$0	\$0	0
Northwest Territories	\$0	\$0	\$0	0
Nunavut	\$0	\$0	\$0	0
CANADA	\$19,637,001	\$11,537,966	\$1,451,105	31,174,967

*Including cannabis

AD - Alcohol and Illegal drugs

Table D-HC-3. Costs of inpatient specialized treatment attributable to alcohol and illegal drugs in provinces, territories, and Canada, 2002

PROVINCES	Alcohol	Illegal Drugs*	Total AD
British Columbia	\$149,837,281	\$71,260,145	221,097,426
Alberta	\$97,657,177	\$45,956,318	143,613,495
Saskatchewan	\$31,149,222	\$14,806,469	45,955,691
Manitoba	\$14,575,908	\$6,954,237	21,530,145
Ontario	\$299,070,135	\$142,398,865	441,469,000
Quebec	\$85,983,170	\$41,022,990	127,006,160
New Brunswick	\$40,890,007	\$12,306,113	53,196,120
Nova Scotia	\$12,785,802	\$6,454,968	19,240,770
Prince Edward Island	\$2,698,053	\$1,286,450	3,984,504
Newfoundland	\$18,731,906	\$8,916,750	27,648,655
Yukon	\$249,183	\$207,272	456,455
Northwest Territories	\$520,166	\$211,141	731,307
Nunavut	\$771,490	\$362,312	1,133,801
CANADA	\$754,919,500	\$352,144,030	1,107,063,530

*Including cannabis

AD - Alcohol and Illegal drugs

Table D-HC-4. Costs of outpatient specialized treatment attributable to alcohol and illegal drugs in provinces, territories, and Canada, 2002

PROVINCES	Alcohol	Illegal Drugs*	Total AD
British Columbia	\$10,845,022	\$11,795,612	22,640,634
Alberta	\$9,234,066	\$10,003,572	19,237,638
Saskatchewan	\$0	\$0	0
Manitoba	\$0	\$0	0
Ontario	\$15,791,865	\$17,183,093	32,974,958
Quebec	\$3,277,670	\$3,550,810	6,828,480
New Brunswick	\$11,818,643	\$12,086,576	23,905,219
Nova Scotia	\$798,036	\$955,881	1,753,916
Prince Edward Island	\$81,481	\$88,703	170,185
Newfoundland	\$552,528	\$601,152	1,153,680
Yukon	\$0	\$0	0
Northwest Territories	\$2,295	\$2,258	4,553
Nunavut	\$34,148	\$36,976	71,124
CANADA	\$52,435,754	\$56,304,633	108,740,387

*Including cannabis

AD - Alcohol and Illegal drugs

Table D-HC-5. Costs of ambulatory care services (physician fees) attributable to alcohol, illegal drugs and tobacco in provinces, territories, and Canada, 2002

PROVINCES	Alcohol	Illegal drugs	Tobacco	Total ADT
British Columbia	\$7,050,308	\$1,990,912	\$12,496,360	\$21,537,580
Alberta	\$8,966,295	\$2,531,962	\$15,892,364	\$27,390,621
Saskatchewan	\$953,938	\$269,379	\$1,690,812	\$2,914,129
Manitoba	\$2,426,262	\$685,144	\$4,300,442	\$7,411,848
Ontario	\$35,614,384	\$10,057,025	\$63,124,930	\$108,796,339
Quebec	\$16,469,488	\$4,650,763	\$29,191,444	\$50,311,695
New Brunswick	\$2,879,821	\$813,223	\$5,104,355	\$8,797,399
Nova Scotia	\$3,918,288	\$1,106,472	\$6,944,994	\$11,969,754
Prince Edward Island	\$272,528	\$76,958	\$483,043	\$832,529
Newfoundland	\$1,341,063	\$378,698	\$2,376,974	\$4,096,735
Yukon	\$112,057	\$31,644	\$198,617	\$342,318
Northwest Territories	\$132,622	\$37,451	\$235,066	\$405,139
Nunavut	\$62,747	\$17,719	\$111,216	\$191,682
CANADA	\$80,199,800	\$22,647,350	\$142,150,618	\$244,997,768

ADT - Alcohol, Illegal drugs, and Tobacco

Table D-HC-6. Costs of family physician visits attributable to alcohol, illegal drugs and tobacco by provinces, territories and Canada, 2002

Provinces	Alcohol	Illegal drugs	Tobacco	Total ADT
British Columbia	\$33,601,368	\$9,488,576	\$59,556,947	\$102,646,891
Alberta	\$24,353,258	\$6,877,034	\$43,165,078	\$74,395,369
Saskatchewan	\$4,928,795	\$1,391,826	\$8,736,073	\$15,056,695
Manitoba	\$4,581,644	\$1,293,795	\$8,120,762	\$13,996,201
Ontario	\$62,153,048	\$17,551,188	\$110,163,543	\$189,867,779
Quebec	\$31,556,343	\$8,911,089	\$55,932,229	\$96,399,661
New Brunswick	\$4,009,003	\$1,132,089	\$7,105,781	\$12,246,872
Nova Scotia	\$4,888,386	\$1,380,415	\$8,664,450	\$14,933,251
Prince Edward Island	\$492,602	\$139,104	\$873,115	\$1,504,821
Newfoundland	\$1,727,421	\$487,801	\$3,061,778	\$5,276,999
Yukon	\$163,761	\$46,244	\$290,259	\$500,264
Northwest Territories	\$213,269	\$60,224	\$378,010	\$651,503
Nunavut	\$152,575	\$43,085	\$270,433	\$466,094
CANADA	\$172,821,472	\$48,802,469	\$306,318,458	\$527,942,399

ADT - Alcohol, Illegal drugs, and Tobacco

Table D-HC-7. Costs of prescribed drugs attributable to alcohol, illegal drugs and tobacco in provinces, territories, and Canada, 2002

PROVINCES	Alcohol	Illegal drugs	Tobacco	Total ADT
British Columbia	\$82,594,875	\$23,323,687	\$146,395,782	\$252,314,344
Alberta	\$68,183,611	\$19,254,139	\$120,852,452	\$208,290,202
Saskatchewan	\$22,698,801	\$6,409,837	\$40,232,627	\$69,341,265
Manitoba	\$24,723,366	\$6,981,548	\$43,821,080	\$75,525,994
Ontario	\$317,113,589	\$89,548,631	\$562,069,889	\$968,732,109
Quebec	\$191,768,250	\$54,152,786	\$339,900,788	\$585,821,823
New Brunswick	\$19,123,224	\$5,400,142	\$33,895,073	\$58,418,440
Nova Scotia	\$23,686,634	\$6,688,788	\$41,983,517	\$72,358,939
Prince Edward Island	\$3,763,343	\$1,062,718	\$6,670,360	\$11,496,421
Newfoundland	\$12,259,958	\$3,462,048	\$21,730,237	\$37,452,243
Yukon	\$645,816	\$182,370	\$1,144,680	\$1,972,866
Northwest Territories	\$783,042	\$221,121	\$1,387,907	\$2,392,070
Nunavut	\$247,134	\$69,787	\$438,035	\$754,957
CANADA	\$767,591,643	\$216,757,601	\$1,360,522,427	\$2,344,871,671

ADT - Alcohol, Illegal drugs, and Tobacco

Table D-HC-8. Number of ambulatory care services attributable to alcohol, illegal drugs and tobacco in provinces, territories, and Canada, 2002

PROVINCES	Alcohol	Illegal drugs	Tobacco	Total ADT
British Columbia	113,715	32,111	201,554	347,380
Alberta	164,188	46,364	291,016	501,568
Saskatchewan	20,113	5,680	35,649	61,441
Manitoba	46,074	13,011	81,664	140,749
Ontario	624,595	176,377	1,107,066	1,908,038
Quebec	405,353	114,466	718,470	1,238,289
New Brunswick	54,604	15,419	96,783	166,807
Nova Scotia	66,717	18,840	118,253	203,810
Prince Edward Island	6,191	1,748	10,973	18,913
Newfoundland	30,893	8,724	54,756	94,373
Yukon	1,018	288	1,805	3,110
Northwest Territories	2,586	730	4,583	7,899
Nunavut	1,223	345	2,168	3,737
CANADA	1,537,269	434,104	2,724,741	4,696,114

ADT - Alcohol, Illegal drugs, and Tobacco

Table D-HC-A-1. Alcohol-attributable fractions, mean age at hospital diagnosis, and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in Canada, 2002

CONDITION	AAF%		Mean age		Number of hospital diagnoses														TOTAL		OVERALL
	(all ages)		at diagnosis		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
MALIGNANT NEOPLASMS																					
Mouth and oropharynx cancers	33.5	19.4	59.7	61.0	0	0	19	15	121	48	437	125	304	85	220	79	80	57	1,182	409	1,591
Oesophageal cancers	37.9	24.6	66.5	70.0	0	0	3	0	30	7	259	40	286	61	314	71	140	58	1,032	237	1,270
Liver cancer	31.0	21.5	63.9	68.9	0	0	8	3	39	12	248	48	214	61	242	90	72	62	824	277	1,101
Laryngeal cancer	43.2	31.2	65.7	65.4	0	0	2	1	21	5	134	28	210	31	164	35	62	12	593	113	706
Breast cancer	--	6.5	0.0	60.7	--	0	--	9	--	195	--	564	--	336	--	298	--	169	--	1,571	1,571
Other neoplasms	9.1	5.5	66.2	55.0	0	0	1	9	4	62	9	99	16	49	17	38	8	16	55	273	328
TOTAL	33.8	8.5	63.6	61.9	0	0	34	38	216	329	1,088	904	1,030	623	957	612	363	374	3,687	2,879	6,566
DIABETES																					
TOTAL (Diabetes mellitus)	-5.1	-2.5	63.6	66.6	0	0	-229	-111	-629	-252	-1,958	-642	-1,914	-694	-2,123	-1,017	-1,022	-739	-7,875	-3,455	-11,329
NEURO-PSYCHIATRIC CONDITIONS																					
Alcoholic psychoses	100.0	100.0	47.4	44.6	0	0	1,690	950	3,249	1,634	3,717	1,369	1,439	455	939	325	239	121	11,273	4,854	16,127
Alcohol dependence syndrome	100.0	100.0	52.7	49.4	0	0	1,088	689	4,524	2,448	6,554	2,438	3,249	1,037	2,230	711	645	254	18,290	7,577	25,867
Alcohol abuse	100.0	100.0	46.8	43.8	0	0	1,954	1,416	3,384	1,989	3,194	1,440	1,343	477	1,034	455	326	207	11,235	5,985	17,219
Unipolar major depression	11.0	2.3	47.9	54.5	0	0	713	179	1,000	281	892	288	344	127	371	188	259	198	3,579	1,261	4,840
Degeneration of nervous system due to alcohol	100.0	100.0	60.9	59.5	0	0	4	0	33	28	221	62	178	74	105	34	31	7	571	204	775
Epilepsy	39.1	29.3	48.4	51.7	0	0	770	531	1,157	682	1,155	703	516	376	463	410	230	323	4,291	3,025	7,316
Alcoholic polyneuropathy	100.0	100.0	58.7	55.9	0	0	4	0	11	7	26	11	22	7	19	0	4	4	85	29	114
TOTAL	57.9	27.4	49.5	47.6	0	0	6,222	3,765	13,358	7,069	15,760	6,311	7,091	2,553	5,161	2,123	1,733	1,115	49,324	22,935	72,259
CARDIO VASCULAR DISEASE																					
Hypertensive disease	23.8	8.1	66.8	71.8	0	0	295	76	1,805	491	8,480	2,129	9,453	2,752	11,201	4,591	6,253	4,641	37,487	14,680	52,167
Ischaemic heart disease	-9.6	-5.1	66.2	72.2	0	0	-46	-13	-1,379	-238	-8,052	-1,420	-7,563	-1,916	-8,590	-3,103	-4,771	-3,060	-30,400	-9,750	-40,150
Alcoholic cardiomyopathy	100.0	100.0	59.3	59.8	0	0	4	0	77	7	262	32	222	28	131	13	22	4	717	84	801
Cardiac arrhythmias	26.1	17.5	70.4	75.2	0	0	320	178	934	416	3,768	1,190	5,386	2,051	8,968	5,031	6,645	6,703	26,021	15,569	41,589
Cerebrovascular disease	3.0	-6.7	67.8	73.1	0	0	24	-48	76	-132	281	-378	352	-489	481	-998	307	-1,291	1,520	-3,336	-1,816
<i>Ischaemic stroke</i>	-0.6	-8.5	70.4	64.9	0	0	0	-23	-2	-61	-7	-124	-8	-96	-14	-143	-11	-133	-41	-580	-621
<i>Haemorrhagic stroke</i>	9.3	-3.9	70.6	73.9	0	0	19	-14	77	-34	399	-113	615	-160	924	-333	668	-435	2,701	-1,088	1,614
Oesophageal varices	54.4	41.5	57.8	62.4	0	0	23	8	98	30	382	109	180	81	144	80	50	43	878	351	1,229
TOTAL	5.8	3.5	69.5	74.1	0	0	620	200	1,611	575	5,122	1,662	8,029	2,509	12,334	5,612	8,505	7,040	36,222	17,598	53,819
DIGESTIVE DISEASES																					
Alcoholic gastritis	100.0	100.0	48.9	46.5	0	0	136	65	485	195	523	207	213	68	128	32	31	4	1,515	572	2,087
Cirrhosis of the liver	58.9	45.0	57.5	59.6	0	0	93	51	1,108	493	3,702	1,163	2,067	841	1,334	687	314	272	8,619	3,507	12,126
Cholelithiasis	-15.0	-8.2	59.2	50.9	0	0	-157	-547	-492	-752	-843	-763	-600	-398	-655	-390	-351	-297	-3,098	-3,145	-6,243
Acute and chronic pancreatitis	24.9	12.1	52.5	55.0	0	0	239	150	688	274	939	377	416	194	340	205	169	161	2,792	1,361	4,153
Chronic pancreatitis (alcohol induced)	100.0	100.0	49.1	48.0	0	0	48	25	432	128	550	152	163	46	77	15	11	7	1,282	374	1,656
TOTAL	22.5	4.6	53.6	63.1	0	0	359	-255	2,221	339	4,872	1,136	2,260	751	1,225	550	174	148	11,110	2,668	13,778
SKIN DISEASES																					
TOTAL (Psoriasis)	26.3	16.5	58.2	58.7	0	0	17	21	70	39	142	57	98	44	74	52	41	33	442	248	690

Table D-HC-A-1. Continued

CONDITION	AAF%		Mean age		Number of hospital diagnoses																TOTAL		OVERALL
	(all ages)		at diagnosis		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
CONDITIONS ARISING DURING THE PERINATAL PERIOD																							
Low birth weight	6.8	6.8	0.0	0.0	1,862	1,668	--	--	--	--	--	--	--	--	--	--	--	--	--	1,862	1,668	3,530	
Fetal alcohol syndrome	100.0	100.0	10.8	14.6	254	178	159	159	25	45	7	11	0	0	0	0	0	0	0	445	394	838	
TOTAL	100.0	100.0	2.5	3.2	2116	1846	159	159	25	45	7	11	0	0	0	0	0	0	2,307	2,062	4,368		
UNINTENTIONAL INJURIES																							
Motor vehicle accidents	26.1	12.3	34.0	40.7	138	64	1,390	277	1,050	297	469	232	101	64	94	71	56	51	3,297	1,055	4,352		
Poisonings	8.3	7.3	40.3	44.1	0	0	134	103	94	67	85	86	28	31	17	21	11	19	370	328	698		
<i>Accidental poisoning and exposure to alcohol</i>	<i>100.00</i>	<i>100.0</i>	<i>38.6</i>	<i>33.6</i>	<i>30</i>	<i>27</i>	<i>86</i>	<i>68</i>	<i>99</i>	<i>61</i>	<i>88</i>	<i>41</i>	<i>32</i>	<i>7</i>	<i>11</i>	<i>7</i>	<i>7</i>	<i>4</i>	<i>352</i>	<i>216</i>	<i>567</i>		
Falls	8.5	3.9	52.3	58.4	0	0	692	190	805	324	1,065	1,055	408	278	416	250	555	524	3,941	2,622	6,563		
Fires	18.4	9.2	35.9	34.2	19	11	60	6	46	7	32	9	11	2	11	2	4	2	183	40	223		
Drownings	9.5	10.1	44.5	48.9	0	0	6	3	5	1	5	7	3	1	2	1	0	1	21	15	36		
Other unintentional injuries	13.7	11.0	50.5	54.8	1,365	250	3,302	1,736	3,919	3,108	5,573	4,898	3,305	2,031	3,917	2,795	1,853	2,023	23,236	16,841	40,077		
TOTAL	13.2	8.9	49.1	54.5	1,522	325	5,584	2,316	5,918	3,804	7,230	6,287	3,856	2,409	4,457	3,140	2,480	2,619	31,048	20,900	51,948		
INTENTIONAL INJURIES																							
Self-inflicted injuries	8.2	6.2	36.3	37.1	0	0	263	289	343	332	165	236	21	18	5	5	3	3	801	883	1,684		
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>39.7</i>	<i>39.0</i>	<i>7</i>	<i>10</i>	<i>150</i>	<i>188</i>	<i>269</i>	<i>300</i>	<i>154</i>	<i>214</i>	<i>39</i>	<i>38</i>	<i>18</i>	<i>7</i>	<i>4</i>	<i>4</i>	<i>641</i>	<i>761</i>	<i>1,402</i>		
Homicide	16.6	15.7	31.7	35.5	26	17	643	124	385	117	169	54	18	7	15	9	7	13	1,263	342	1,606		
Other intentional injuries	12.5	13.38	36.2	44.9	0	0	6	0	5	0	3	2	1	0	0	0	0	0	14	3	17		
TOTAL	12.7	8.0	33.6	36.8	26	17	912	413	734	449	337	293	40	26	20	14	10	16	2,079	1,228	3,307		
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	43.8	36.4	4	11	59	40	70	60	69	33	23	4	12	4	11	4	248	155	403		
Finding of alcohol in blood	100.0	100.0	38.8	43.0	4	4	30	7	46	14	18	12	7	7	4	4	4	0	112	48	160		
OVERALL			54.0	55.6	3,671	2,203	13,767	6,594	23,639	12,471	32,686	16,065	20,520	8,232	22,120	11,093	12,299	10,610	128,702	67,267	195,970		

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-2. Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in British Columbia, 2002

CONDITION	AAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.5	19.4	0	0	2	1	12	5	43	12	30	8	22	8	8	6	117	40	157	
Oesophageal cancers	37.9	24.6	0	0	0	0	4	1	35	5	39	8	42	10	19	8	140	32	172	
Liver cancer	31.0	21.5	0	0	1	0	5	2	35	7	30	8	34	13	10	9	115	39	154	
Laryngeal cancer	43.2	31.2	0	0	0	0	2	0	11	2	18	3	14	3	5	1	50	10	60	
Breast cancer	--	6.5	--	0	--	1	--	25	--	73	--	44	--	39	--	22	--	205	205	
Other neoplasms	9.1	5.5	0	0	0	1	1	10	1	16	3	8	3	6	1	3	9	44	53	
TOTAL	33.8	8.5	0	0	4	5	24	43	126	116	119	79	115	78	44	48	431	369	800	
DIABETES																				
TOTAL (Diabetes mellitus)	-5.1	-2.5	0	0	-25	-12	-69	-28	-215	-71	-210	-76	-233	-112	-112	-81	-865	-380	-1,245	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	269	151	517	260	592	218	229	72	150	52	38	19	1,795	773	2,568	
Alcohol dependence syndrome	100.0	100.0	0	0	162	103	673	364	975	363	483	154	332	106	96	38	2,722	1,128	3,849	
Alcohol abuse	100.0	100.0	0	0	310	225	537	316	507	228	213	76	164	72	52	33	1,782	949	2,732	
Unipolar major depression	11.0	2.3	0	0	83	21	117	33	104	34	40	15	43	22	30	23	417	147	564	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	0	0	4	4	29	8	23	10	13	4	4	1	74	26	100	
Epilepsy	39.1	29.3	0	0	94	65	141	83	141	86	63	46	56	50	28	39	524	369	893	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	1	1	3	1	3	1	2	0	0	0	10	4	14	
TOTAL	57.9	27.4	0	0	919	564	1,991	1,060	2,351	938	1,054	373	761	306	248	154	7,324	3,396	10,720	
CARDIO VASCULAR DISEASE																				
Hypertensive disease	23.8	8.1	0	0	28	7	172	47	807	203	900	262	1066	437	595	442	3,567	1,397	4,964	
Ischaemic heart disease	-9.6	-5.1	0	0	-4	-1	-129	-22	-756	-133	-710	-180	-806	-291	-448	-287	-2,854	-915	-3,769	
Alcoholic cardiomyopathy	100.0	100.0	0	0	1	0	11	1	37	5	31	4	18	2	3	1	101	12	113	
Cardiac arrhythmias	26.1	17.5	0	0	34	19	98	44	395	125	565	215	940	527	697	703	2,728	1,632	4,360	
Cerebrovascular disease	3.0	-6.7	0	0	3	-6	9	-15	32	-43	40	-56	55	-114	35	-147	173	-381	-207	
<i>Ischaemic stroke</i>	-0.6	-8.5	0	0	0	-3	0	-8	-1	-15	-1	-12	-2	-18	-1	-16	-5	-72	-77	
<i>Haemorrhagic stroke</i>	9.3	-3.9	0	0	2	-2	9	-4	49	-14	76	-20	114	-41	82	-53	332	-134	198	
Oesophageal varices	54.4	41.5	0	0	3	1	12	4	45	13	21	10	17	9	6	5	103	41	145	
TOTAL	5.8	3.5	0	0	63	20	171	58	560	168	847	255	1,290	570	888	715	3,819	1,786	5,605	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	25	12	88	35	95	38	39	12	23	6	6	1	275	104	379	
Cirrhosis of the liver	58.9	45.0	0	0	10	6	122	54	407	128	227	93	147	76	35	30	948	386	1,334	
Cholelithiasis	-15.0	-8.2	0	0	-19	-66	-59	-90	-101	-91	-72	-48	-79	-47	-42	-36	-372	-377	-749	
Acute and chronic pancreatitis	24.9	12.1	0	0	25	16	72	29	98	39	43	20	35	21	18	17	291	142	433	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	6	3	56	17	71	20	21	6	10	2	1	1	166	48	214	
TOTAL	22.5	4.6	0	0	47	-29	278	45	570	133	259	83	137	58	17	13	1,308	303	1,611	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.5	0	0	2	2	6	3	13	5	9	4	7	5	4	3	39	22	61	

Table D-HC-A-2. Continued

CONDITION	AAF%		Number of hospital diagnoses														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight	6.8	6.8	220	197	--	--	--	--	--	--	--	--	--	--	--	--	--	220	197	417
Fetal alcohol syndrome	100.0	100.0	52	37	33	33	5	9	2	2	0	0	0	0	0	0	0	92	81	173
TOTAL	100.0	100.0	272	234	33	33	5	9	2	2	0	0	0	0	0	0	0	312	278	590
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	26.1	12.3	21	10	213	42	161	46	72	36	15	10	14	11	9	8	506	162	667	
Poisonings	8.3	7.3	0	0	20	15	14	10	12	13	4	5	3	3	2	3	54	48	102	
<i>Accidental poisoning and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>4</i>	<i>4</i>	<i>13</i>	<i>10</i>	<i>15</i>	<i>9</i>	<i>13</i>	<i>6</i>	<i>5</i>	<i>1</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>53</i>	<i>33</i>	<i>86</i>	
Falls	8.5	3.9	0	0	97	27	113	45	149	148	57	39	58	35	78	73	552	367	918	
Fires	18.4	9.2	2	1	7	1	6	1	4	1	1	0	1	0	1	0	23	5	27	
Drownings	9.5	10.1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	2	2	4	
Other unintentional injuries	13.7	11.0	160	29	387	203	459	364	653	574	387	238	459	327	217	237	2,722	1,973	4,695	
TOTAL	13.2	8.9	183	40	724	289	753	466	891	771	466	292	536	377	306	321	3,858	2,556	6,414	
INTENTIONAL INJURIES																				
Self-inflicted injuries	8.2	6.2	0	0	40	44	52	50	25	36	3	3	1	1	0	0	121	133	254	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>1</i>	<i>2</i>	<i>28</i>	<i>36</i>	<i>51</i>	<i>57</i>	<i>29</i>	<i>40</i>	<i>7</i>	<i>7</i>	<i>3</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>121</i>	<i>144</i>	<i>265</i>	
Homicide	16.6	15.7	4	3	103	20	62	19	27	9	3	1	2	1	1	2	202	55	257	
Other intentional injuries	12.5	13.38	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0	3	
TOTAL	12.7	8.0	4	3	143	64	114	69	52	45	6	4	3	2	2	2	325	189	514	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	1	2	10	7	12	10	11	5	4	1	2	1	2	1	41	26	67	
Finding of alcohol in blood	100.0	100.0	0	0	2	0	3	1	1	1	0	0	0	0	0	0	6	3	9	
OVERALL			461	279	1,922	942	3,288	1,736	4,361	2,115	2,553	1,016	2,617	1,285	1,397	1,176	16,599	8,547	25,146	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-3. Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in Alberta, 2002

CONDITION	AAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.5	19.4	0	0	2	1	10	4	38	11	26	7	19	7	7	5	101	35	137	
Oesophageal cancers	37.9	24.6	0	0	0	0	2	0	17	3	19	4	21	5	9	4	69	16	85	
Liver cancer	31.0	21.5	0	0	1	0	4	1	22	4	19	6	22	8	7	6	75	25	100	
Laryngeal cancer	43.2	31.2	0	0	0	0	2	0	11	2	18	3	14	3	5	1	51	10	60	
Breast cancer	--	6.5	--	0	--	1	--	19	--	56	--	33	--	30	--	17	--	156	156	
Other neoplasms	9.1	5.5	0	0	0	2	1	10	2	16	3	8	3	6	1	3	9	45	54	
TOTAL	33.8	8.5	0	0	3	4	19	36	90	92	85	61	79	59	29	35	305	286	592	
DIABETES																				
TOTAL (Diabetes mellitus)	-5.1	-2.5	0	0	-25	-12	-69	-28	-215	-70	-210	-76	-233	-112	-112	-81	-864	-379	-1,242	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	234	131	450	226	514	189	199	63	130	45	33	17	1,560	672	2,231	
Alcohol dependence syndrome	100.0	100.0	0	0	146	93	609	329	882	328	437	139	300	96	87	34	2,460	1,019	3,480	
Alcohol abuse	100.0	100.0	0	0	389	282	674	396	636	287	267	95	206	91	65	41	2,236	1,191	3,428	
Unipolar major depression	11.0	2.3	0	0	109	27	153	43	136	44	53	19	57	29	40	30	547	193	740	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	0	0	3	3	21	6	17	7	10	3	3	1	54	19	73	
Epilepsy	39.1	29.3	0	0	102	70	153	90	153	93	68	50	61	54	30	43	567	400	966	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	1	1	3	1	3	1	3	0	0	0	11	4	15	
TOTAL	57.9	27.4	0	0	981	604	2,042	1,088	2,345	948	1,044	374	766	317	258	166	7,435	3,498	10,933	
CARDIO VASCULAR DISEASE																				
Hypertensive disease	23.8	8.1	0	0	43	11	264	72	1,242	312	1,384	403	1,640	672	916	680	5,489	2,149	7,638	
Ischaemic heart disease	-9.6	-5.1	0	0	-5	-1	-153	-26	-891	-157	-837	-212	-951	-343	-528	-339	-3,364	-1,079	-4,443	
Alcoholic cardiomyopathy	100.0	100.0	0	0	1	0	12	1	40	5	34	4	20	2	3	1	109	13	122	
Cardiac arrhythmias	26.1	17.5	0	0	38	21	110	49	443	140	633	241	1,055	592	781	788	3,060	1,831	4,891	
Cerebrovascular disease	3.0	-6.7	0	0	2	-5	8	-13	28	-38	35	-49	48	-99	30	-128	151	-332	-181	
<i>Ischaemic stroke</i>	-0.6	-8.5	0	0	0	-2	0	-5	-1	-11	-1	-9	-1	-13	-1	-12	-4	-51	-55	
<i>Haemorrhagic stroke</i>	9.3	-3.9	0	0	2	-1	6	-3	33	-9	50	-13	76	-27	55	-36	221	-89	132	
Oesophageal varices	54.4	41.5	0	0	2	1	9	3	36	10	17	8	14	8	5	4	83	33	116	
TOTAL	5.8	3.5	0	0	81	27	250	85	898	272	1,266	396	1,825	831	1,208	1,005	5,528	2,615	8,144	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	23	11	83	33	89	35	36	12	22	6	5	1	258	98	356	
Cirrhosis of the liver	58.9	45.0	0	0	11	6	126	56	420	132	234	95	151	78	36	31	978	398	1,376	
Cholelithiasis	-15.0	-8.2	0	0	-19	-65	-58	-89	-100	-90	-71	-47	-78	-46	-42	-35	-367	-373	-740	
Acute and chronic pancreatitis	24.9	12.1	0	0	33	21	95	38	129	52	57	27	47	28	23	22	384	187	572	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	6	3	53	16	67	19	20	6	9	2	1	1	156	46	202	
TOTAL	22.5	4.6	0	0	54	-24	298	53	606	147	277	92	152	67	24	19	1,410	355	1,765	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.5	0	0	3	4	12	7	24	10	17	7	12	9	7	6	75	42	116	

Table D-HC-A-3. Continued

CONDITION	AAF%		Number of hospital diagnoses														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birth weight	6.8	6.8	275	246	--	--	--	--	--	--	--	--	--	--	--	--	275	246	521
Fetal alcohol syndrome	100.0	100.0	73	51	45	46	7	13	2	3	0	0	0	0	0	0	127	113	240
TOTAL	100.0	100.0	348	297	45	46	7	13	2	3	0	0	0	0	0	0	402	359	761
UNINTENTIONAL INJURIES																			
Motor vehicle accidents	26.1	12.3	17	8	172	34	130	37	58	29	12	8	12	9	7	6	408	131	539
Poisonings	8.3	7.3	0	0	21	16	15	11	14	14	5	5	3	3	2	3	59	52	111
<i>Accidental poisoning and exposure to alcohol</i>	<i>100.00</i>	<i>100.0</i>	<i>4</i>	<i>4</i>	<i>12</i>	<i>10</i>	<i>14</i>	<i>9</i>	<i>13</i>	<i>6</i>	<i>5</i>	<i>1</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>51</i>	<i>31</i>	<i>82</i>
Falls	8.5	3.9	0	0	75	21	87	35	115	114	44	30	45	27	60	56	425	283	708
Fires	18.4	9.2	2	1	8	1	6	1	4	1	1	0	1	0	1	0	24	5	29
Drownings	9.5	10.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Other unintentional injuries	13.7	11.0	169	31	408	214	484	384	688	605	408	251	484	345	229	250	2,869	2,080	4,949
TOTAL	13.2	8.9	188	40	684	287	722	467	879	763	471	294	544	385	298	316	3,786	2,551	6,337
INTENTIONAL INJURIES																			
Self-inflicted injuries	8.2	6.2	0	0	29	32	38	37	18	26	2	2	1	1	0	0	90	99	188
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>1</i>	<i>1</i>	<i>23</i>	<i>28</i>	<i>41</i>	<i>45</i>	<i>23</i>	<i>32</i>	<i>6</i>	<i>6</i>	<i>3</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>97</i>	<i>115</i>	<i>212</i>
Homicide	16.6	15.7	4	3	106	20	63	19	28	9	3	1	2	1	1	2	208	56	264
Other intentional injuries	12.5	13.38	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	1	3
TOTAL	12.7	8.0	4	3	136	53	103	56	47	36	5	3	3	2	2	2	300	156	455
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	1	7	4	8	7	8	4	3	0	1	0	1	0	28	17	45
Finding of alcohol in blood	100.0	100.0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	3
OVERALL			540	342	1,969	991	3,391	1,785	4,684	2,204	2,958	1,152	3,150	1,558	1,715	1,469	18,408	9,501	27,909

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-4. Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in Saskatchewan, 2002

CONDITION	AAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.5	19.4	0	0	1	0	4	2	14	4	10	3	7	3	3	2	38	13	52	
Oesophageal cancers	37.9	24.6	0	0	0	0	1	0	10	2	11	2	13	3	6	2	41	9	51	
Liver cancer	31.0	21.5	0	0	0	0	1	0	6	1	6	2	6	2	2	2	22	7	29	
Laryngeal cancer	43.2	31.2	0	0	0	0	1	0	4	1	7	1	5	1	2	0	20	4	23	
Breast cancer	--	6.5	--	0	--	0	--	7	--	21	--	13	--	11	--	6	--	58	58	
Other neoplasms	9.1	5.5	0	0	0	0	0	2	0	4	1	2	1	1	0	1	2	10	12	
TOTAL	33.8	8.5	0	0	1	1	7	12	36	32	34	22	32	21	12	13	123	102	225	
DIABETES																				
TOTAL (Diabetes mellitus)	-5.1	-2.5	0	0	-11	-5	-30	-12	-94	-31	-92	-33	-102	-49	-49	-36	-379	-166	-546	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	81	46	157	79	179	66	69	22	45	16	12	6	543	234	777	
Alcohol dependence syndrome	100.0	100.0	0	0	50	32	209	113	303	113	150	48	103	33	30	12	846	351	1,197	
Alcohol abuse	100.0	100.0	0	0	71	52	124	73	117	53	49	17	38	17	12	8	411	219	629	
Unipolar major depression	11.0	2.3	0	0	22	6	31	9	28	9	11	4	12	6	8	6	111	39	150	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	0	0	2	1	11	3	9	4	5	2	2	0	28	10	38	
Epilepsy	39.1	29.3	0	0	36	25	54	32	53	33	24	17	21	19	11	15	199	140	339	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	1	0	2	1	2	1	1	0	0	0	6	2	8	
TOTAL	57.9	27.4	0	0	261	160	577	307	693	277	314	113	226	92	74	47	2,144	995	3,139	
CARDIO VASCULAR DISEASE																				
Hypertensive disease	23.8	8.1	0	0	15	4	92	25	432	109	482	140	571	234	319	237	1,911	748	2,660	
Ischaemic heart disease	-9.6	-5.1	0	0	-2	-1	-54	-9	-314	-55	-295	-75	-335	-121	-186	-119	-1,186	-380	-1,567	
Alcoholic cardiomyopathy	100.0	100.0	0	0	0	0	4	0	12	2	11	1	6	1	0	34	4	38		
Cardiac arrhythmias	26.1	17.5	0	0	13	7	39	17	156	49	224	85	372	209	276	278	1,081	647	1,727	
Cerebrovascular disease	3.0	-6.7	0	0	1	-2	3	-5	11	-15	14	-20	19	-40	12	-52	61	-134	-73	
Ischaemic stroke	-0.6	-8.5	0	0	0	-1	0	-2	0	-4	0	-3	0	-5	0	-5	-1	-20	-22	
Haemorrhagic stroke	9.3	-3.9	0	0	1	-1	3	-1	17	-5	26	-7	39	-14	29	-19	115	-46	69	
Oesophageal varices	54.4	41.5	0	0	1	0	3	1	12	3	6	3	5	3	2	1	28	11	39	
TOTAL	5.8	3.5	0	0	28	9	87	29	310	92	441	135	638	285	424	346	1,928	896	2,825	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	11	6	41	16	44	17	18	6	11	3	3	0	128	48	176	
Cirrhosis of the liver	58.9	45.0	0	0	3	2	39	17	131	41	73	30	47	24	11	10	306	124	430	
Cholelithiasis	-15.0	-8.2	0	0	-10	-33	-30	-46	-52	-47	-37	-24	-40	-24	-21	-18	-190	-193	-382	
Acute and chronic pancreatitis	24.9	12.1	0	0	8	5	24	10	33	13	15	7	12	7	6	6	97	48	145	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	1	1	10	3	13	4	4	1	2	0	0	0	31	9	40	
TOTAL	22.5	4.6	0	0	15	-20	85	1	170	29	73	19	32	11	-2	-2	372	37	409	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.5			1	1	2	1	5	2	3	1	2	2	1	1	15	8	23	

Table D-HC-A-4. Continued

CONDITION	AAF%		Number of hospital diagnoses														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight	6.8	6.8	50	44	--	--	--	--	--	--	--	--	--	--	--	--	--	50	44	94
Fetal alcohol syndrome	100.0	100.0	21	15	13	14	2	4	1	1	0	0	0	0	0	0	0	38	33	71
TOTAL	100.0	100.0	71	59	13	14	2	4	1	1	0	0	0	0	0	0	87	78	165	
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	26.1	12.3	6	3	63	13	47	13	21	10	5	3	4	3	3	2	149	48	197	
Poisonings	8.3	7.3	0	0	9	7	6	4	6	6	2	2	1	1	1	1	24	21	46	
<i>Accidental poisoning and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>3</i>	<i>2</i>	<i>7</i>	<i>6</i>	<i>9</i>	<i>5</i>	<i>8</i>	<i>4</i>	<i>3</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>30</i>	<i>19</i>	<i>49</i>	
Falls	8.5	3.9	0	0	32	9	37	15	49	48	19	13	19	11	25	24	180	119	299	
Fires	18.4	9.2	1	1	3	0	2	0	2	0	1	0	1	0	0	0	10	2	12	
Drownings	9.5	10.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
Other unintentional injuries	13.7	11.0	58	11	140	74	166	132	236	207	140	86	166	118	78	86	984	713	1,697	
TOTAL	13.2	8.9	65	14	246	102	259	165	313	272	166	104	191	134	107	113	1,347	904	2,251	
INTENTIONAL INJURIES																				
Self-inflicted injuries	8.2	6.2	0	0	9	10	12	11	6	8	1	1	0	0	0	0	28	30	58	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>4</i>	<i>5</i>	<i>7</i>	<i>7</i>	<i>4</i>	<i>5</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>16</i>	<i>19</i>	<i>35</i>	
Homicide	16.6	15.7	2	1	45	9	27	8	12	4	1	1	1	1	1	1	89	24	113	
Other intentional injuries	12.5	13.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	12.7	8.0	2	1	54	19	39	20	18	12	2	1	1	1	1	1	117	55	171	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	1	3	2	4	3	4	2	1	0	1	0	1	0	14	8	22	
Finding of alcohol in blood	100.0	100.0	1	1	7	2	10	3	4	3	2	2	1	1	1	0	25	11	36	
OVERALL			139	76	619	283	1,041	532	1,459	691	944	364	1,022	498	569	483	5,793	2,927	8,720	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-5. Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in Manitoba, 2002

CONDITION	AAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.5	19.4	0	0	1	1	6	2	20	6	14	4	10	4	4	3	55	19	74	
Oesophageal cancers	37.9	24.6	0	0	0	0	1	0	10	2	11	2	12	3	6	2	41	9	50	
Liver cancer	31.0	21.5	0	0	0	0	2	0	10	2	8	2	9	3	3	2	32	11	42	
Laryngeal cancer	43.2	31.2	0	0	0	0	1	0	5	1	8	1	6	1	2	0	23	4	28	
Breast cancer	--	6.5	--	0	--	0	--	7	--	22	--	13	--	11	--	6	--	60	60	
Other neoplasms	9.1	5.5	0	0	0	0	0	2	0	4	1	2	1	2	0	1	2	11	13	
TOTAL	33.8	8.5	0	0	1	2	9	13	46	36	42	25	39	24	15	15	153	114	267	
DIABETES																				
TOTAL (Diabetes mellitus)	-5.1	-2.5	0	0	-9	-4	-24	-10	-75	-25	-73	-27	-81	-39	-39	-28	-301	-132	-434	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	64	36	123	62	141	52	54	17	36	12	9	5	427	184	611	
Alcohol dependence syndrome	100.0	100.0	0	0	41	26	172	93	249	93	123	39	85	27	24	10	695	288	983	
Alcohol abuse	100.0	100.0	0	0	74	53	127	75	120	54	51	18	39	17	12	8	423	225	649	
Unipolar major depression	11.0	2.3	0	0	27	7	38	11	34	11	13	5	14	7	10	7	135	48	183	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	0	0	1	1	9	2	7	3	4	1	1	0	22	8	30	
Epilepsy	39.1	29.3	0	0	29	20	43	26	43	26	19	14	17	15	9	12	161	114	275	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	4	1	5	
TOTAL	57.9	27.4	0	0	235	142	505	267	597	239	269	97	196	80	66	42	1,868	868	2,735	
CARDIO VASCULAR DISEASE																				
Hypertensive disease	23.8	8.1	0	0	11	3	69	19	325	82	363	106	430	176	240	178	1,438	563	2,001	
Ischaemic heart disease	-9.6	-5.1	0	0	-2	-1	-53	-9	-308	-54	-289	-73	-329	-119	-182	-117	-1,163	-373	-1,536	
Alcoholic cardiomyopathy	100.0	100.0	0	0	0	0	3	0	10	1	8	1	5	0	1	0	27	3	30	
Cardiac arrhythmias	26.1	17.5	0	0	12	7	36	16	143	45	205	78	341	191	253	255	990	593	1,583	
Cerebrovascular disease	3.0	-6.7	0	0	1	-2	3	-5	11	-15	14	-19	19	-38	12	-50	59	-128	-70	
<i>Ischaemic stroke</i>	-0.6	-8.5	0	0	0	-1	0	-2	0	-5	0	-4	-1	-6	0	-5	-2	-23	-24	
<i>Haemorrhagic stroke</i>	9.3	-3.9	0	0	1	-1	3	-1	15	-4	24	-6	35	-13	26	-17	104	-42	62	
Oesophageal varices	54.4	41.5	0	0	1	0	4	1	15	4	7	3	5	3	2	2	34	13	47	
TOTAL	5.8	3.5	0	0	24	8	62	22	196	63	307	96	471	214	325	268	1,385	671	2,056	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	5	2	18	7	20	8	8	3	5	1	1	0	58	22	79	
Cirrhosis of the liver	58.9	45.0	0	0	4	2	43	19	143	45	80	33	52	27	12	11	333	136	469	
Cholelithiasis	-15.0	-8.2	0	0	-6	-21	-19	-29	-32	-29	-23	-15	-25	-15	-13	-11	-118	-120	-237	
Acute and chronic pancreatitis	24.9	12.1	0	0	9	6	26	10	36	14	16	7	13	8	6	6	106	52	158	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	2	1	16	5	21	6	6	2	3	1	0	0	49	14	63	
TOTAL	22.5	4.6	0	0	14	-10	85	13	188	44	87	29	47	21	7	6	428	104	532	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.5	0	0	1	1	3	2	6	2	4	2	3	2	2	1	18	10	28	

Table D-HC-A-5. Continued

CONDITION	AAF%		Number of hospital diagnoses														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight	6.8	6.8	66	59	--	--	--	--	--	--	--	--	--	--	--	--	--	66	59	126
Fetal alcohol syndrome	100.0	100.0	9	6	6	6	1	2	0	0	0	0	0	0	0	0	0	16	14	30
TOTAL	100.0	100.0	76	66	6	6	1	2	0	0	0	0	0	0	0	0	0	82	74	156
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	26.1	12.3	6	3	58	12	44	12	20	10	4	3	4	3	2	2	139	44	183	
Poisonings	8.3	7.3	0	0	5	4	3	2	3	3	1	1	1	1	0	1	13	11	24	
<i>Accidental poisoning and exposure to alcohol</i>	<i>100.00</i>	<i>100.0</i>	<i>1</i>	<i>1</i>	<i>3</i>	<i>3</i>	<i>4</i>	<i>2</i>	<i>3</i>	<i>2</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>13</i>	<i>8</i>	<i>21</i>	
Falls	8.5	3.9	0	0	26	7	31	12	40	40	16	11	16	10	21	20	150	100	249	
Fires	18.4	9.2	1	0	2	0	2	0	1	0	0	0	0	0	0	0	8	2	9	
Drownings	9.5	10.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
Other unintentional injuries	13.7	11.0	52	9	125	66	148	117	210	185	125	77	148	106	70	76	877	636	1,513	
TOTAL	13.2	8.9	58	13	217	88	228	145	275	239	146	91	169	119	94	99	1,188	794	1,981	
INTENTIONAL INJURIES																				
Self-inflicted injuries	8.2	6.2	0	0	10	11	13	13	6	9	1	1	0	0	0	0	30	34	64	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>6</i>	<i>7</i>	<i>10</i>	<i>11</i>	<i>6</i>	<i>8</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>24</i>	<i>28</i>	<i>52</i>	
Homicide	16.6	15.7	1	1	25	5	15	5	7	2	1	0	1	0	0	1	50	14	64	
Other intentional injuries	12.5	13.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
TOTAL	12.7	8.0	1	1	36	16	29	17	13	11	2	1	1	1	0	1	81	47	128	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	2	2	3	2	3	1	1	0	0	0	0	0	10	6	16	
Finding of alcohol in blood	100.0	100.0	0	0	1	0	2	1	1	1	0	0	0	0	0	0	5	2	7	
OVERALL			135	80	528	250	903	474	1,249	612	785	314	845	423	470	404	4,915	2,557	7,473	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-6. Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in Ontario, 2002

CONDITION	AAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	86	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.5	19.4	0	0	7	5	42	16	151	43	105	29	76	27	28	20	407	141	548	
Oesophageal cancers	37.9	24.6	0	0	1	0	11	3	96	15	107	23	117	26	52	22	384	88	473	
Liver cancer	31.0	21.5	0	0	3	1	15	5	95	18	82	23	92	34	28	24	315	106	421	
Laryngeal cancer	43.2	31.2	0	0	1	0	8	2	53	11	83	12	65	14	25	5	234	44	279	
Breast cancer	--	6.5	--	0	--	3	--	70	--	203	--	121	--	107	--	61	--	565	565	
Other neoplasms	9.1	5.5	0	0	0	2	1	16	2	25	4	12	4	10	2	4	14	70	84	
TOTAL	33.8	8.5	0	0	12	12	77	112	397	315	380	221	354	219	134	135	1,355	1,014	2,369	
DIABETES																				
TOTAL (Diabetes mellitus)	-5.1	-2.5	0	0	-83	-40	-227	-91	-707	-232	-691	-250	-766	-367	-369	-267	-2,843	-1,247	-4,090	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	495	278	952	479	1,089	401	422	133	275	95	70	36	3,302	1,422	4,724	
Alcohol dependence syndrome	100.0	100.0	0	0	335	212	1,394	754	2,019	751	1,001	319	687	219	199	78	5,636	2,335	7,970	
Alcohol abuse	100.0	100.0	0	0	511	371	886	521	836	377	351	125	271	119	85	54	2,940	1,566	4,507	
Unipolar major depression	11.0	2.3	0	0	249	63	349	98	312	101	120	44	130	66	91	69	1,251	441	1,692	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	1	0	12	10	83	23	67	28	39	13	12	3	214	77	291	
Epilepsy	39.1	29.3	0	0	257	177	386	227	385	235	172	125	154	137	77	108	1,431	1,009	2,439	
Alcoholic polyneuropathy	100.0	100.0	0	0	1	0	3	2	8	3	7	2	6	0	1	1	26	9	35	
TOTAL	57.9	27.4	0	0	1,850	1,101	3,982	2,092	4,732	1,891	2,140	777	1,562	648	534	349	14,800	6,858	21,658	
CARDIO VASCULAR DISEASE																				
Hypertensive disease	23.8	8.1	0	0	103	26	630	171	2,960	743	3,299	961	3,910	1,602	2,183	1,620	13,085	5,124	18,209	
Ischaemic heart disease	-9.6	-5.1	0	0	-18	-5	-534	-92	-3,116	-550	-2,926	-741	-3,324	-1,201	-1,846	-1,184	-11,763	-3,773	-15,536	
Alcoholic cardiomyopathy	100.0	100.0	0	0	1	0	23	2	79	10	67	8	39	4	7	1	216	25	241	
Cardiac arrhythmias	26.1	17.5	0	0	120	67	351	156	1,417	447	2,025	771	3,372	1,892	2,499	2,520	9,784	5,854	15,638	
Cerebrovascular disease	3.0	-6.7	0	0	9	-18	29	-50	107	-144	134	-186	183	-380	117	-492	579	-1,271	-692	
Ischaemic stroke	-0.6	-8.5	0	0	0	-9	-1	-24	-3	-48	-3	-38	-6	-56	-4	-52	-16	-227	-243	
Haemorrhagic stroke	9.3	-3.9	0	0	7	-5	29	-13	153	-43	236	-61	354	-128	256	-167	1,036	-417	619	
Oesophageal varices	54.4	41.5	0	0	9	3	39	12	152	43	72	32	57	32	20	17	350	140	490	
TOTAL	5.8	3.5	0	0	225	73	539	200	1,599	550	2,671	845	4,238	1,948	2,978	2,483	12,250	6,099	18,349	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	28	13	99	40	107	42	44	14	26	7	6	1	311	117	428	
Cirrhosis of the liver	58.9	45.0	0	0	36	20	429	191	1,432	450	800	325	516	266	121	105	3,335	1,357	4,691	
Cholelithiasis	-15.0	-8.2	0	0	-50	-173	-156	-238	-266	-241	-190	-126	-207	-123	-111	-94	-979	-994	-1,973	
Acute and chronic pancreatitis	24.9	12.1	0	0	84	53	243	97	331	133	147	68	120	72	60	57	985	480	1,465	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	18	9	164	49	209	58	62	17	29	6	4	3	487	142	629	
TOTAL	22.5	4.6	0	0	117	-77	779	139	1,814	442	863	300	485	227	81	72	4,138	1,102	5,240	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.5	0	0	5	6	21	12	42	17	29	13	22	15	12	10	131	74	205	

Table D-HC-A-6. Continued

CONDITION	AAF%		Number of hospital diagnoses														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birth weight	6.8	6.8	708	634	--	--	--	--	--	--	--	--	--	--	--	--	708	634	1,341
Fetal alcohol syndrome	100.0	100.0	25	18	16	16	2	5	1	1	0	0	0	0	0	0	44	39	83
TOTAL	100.0	100.0	733	651	16	16	2	5	1	1	0	0	0	0	0	0	752	673	1,424
UNINTENTIONAL INJURIES																			
Motor vehicle accidents	26.1	12.3	40	18	402	80	304	86	136	67	29	19	27	20	16	15	954	305	1,259
Poisonings	8.3	7.3	0	0	40	31	28	20	25	26	8	9	5	6	3	6	110	98	208
<i>Accidental poisoning and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>8</i>	<i>7</i>	<i>22</i>	<i>17</i>	<i>25</i>	<i>16</i>	<i>22</i>	<i>10</i>	<i>8</i>	<i>2</i>	<i>3</i>	<i>2</i>	<i>2</i>	<i>1</i>	<i>89</i>	<i>55</i>	<i>144</i>
Falls	8.5	3.9	0	0	240	66	279	112	369	365	141	96	144	87	192	181	1,365	908	2,273
Fires	18.4	9.2	6	3	18	2	14	2	10	3	3	1	3	1	1	1	55	12	68
Drownings	9.5	10.1	0	0	2	1	1	0	1	2	1	0	1	0	0	0	6	4	10
Other unintentional injuries	13.7	11.0	484	89	1,172	616	1,391	1,103	1,978	1,739	1,173	721	1,390	992	658	718	8,247	5,977	14,224
TOTAL	13.2	8.9	530	111	1,874	796	2,017	1,324	2,519	2,201	1,356	846	1,570	1,106	871	920	10,737	7,304	18,041
INTENTIONAL INJURIES																			
Self-inflicted injuries	8.2	6.2	0	0	90	98	117	113	56	81	7	6	2	2	1	1	273	301	575
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>2</i>	<i>3</i>	<i>43</i>	<i>54</i>	<i>77</i>	<i>86</i>	<i>44</i>	<i>61</i>	<i>11</i>	<i>11</i>	<i>5</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>184</i>	<i>218</i>	<i>402</i>
Homicide	16.6	15.7	6	4	152	29	91	28	40	13	4	2	3	2	2	3	299	81	380
Other intentional injuries	12.5	13.38	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	1	3
TOTAL	12.7	8.0	6	4	243	128	209	141	97	94	12	8	5	4	3	4	575	383	958
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	1	3	15	10	18	15	17	8	6	1	3	1	3	1	63	39	102
Finding of alcohol in blood	100.0	100.0	1	1	10	2	15	5	6	4	2	2	1	1	1	0	38	16	54
OVERALL			1,271	770	4,284	2,027	7,433	3,951	10,518	5,292	6,767	2,764	7,474	3,804	4,248	3,707	41,996	22,315	64,310

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-7. Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in Quebec, 2002

CONDITION	AAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	86	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.5	19.4	0	0	6	4	36	14	131	37	91	26	66	24	24	17	355	123	478	
Oesophageal cancers	37.9	24.6	0	0	1	0	8	2	66	10	73	16	80	18	36	15	263	60	323	
Liver cancer	31.0	21.5	0	0	2	1	10	3	62	12	53	15	60	22	18	15	205	69	273	
Laryngeal cancer	43.2	31.2	0	0	0	0	5	1	34	7	53	8	42	9	16	3	150	29	179	
Breast cancer	--	6.5	--	0	--	2	--	48	--	139	--	83	--	74	--	42	--	388	388	
Other neoplasms	9.1	5.5	0	0	0	2	1	16	2	25	4	12	4	10	2	4	14	70	84	
TOTAL	33.8	8.5	0	0	9	10	60	85	295	231	275	160	252	157	96	96	987	738	1,725	
DIABETES																				
TOTAL (Diabetes mellitus)	-5.1	-2.5	0	0	-57	-27	-156	-62	-485	-159	-474	-172	-525	-252	-253	-183	-1,949	-855	-2,804	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	414	232	795	400	910	335	352	111	230	80	58	30	2,759	1,188	3,948	
Alcohol dependence syndrome	100.0	100.0	0	0	267	169	1,111	601	1,610	599	798	255	548	175	158	62	4,492	1,861	6,353	
Alcohol abuse	100.0	100.0	0	0	476	345	824	484	778	351	327	116	252	111	79	51	2,736	1,457	4,193	
Unipolar major depression	11.0	2.3	0	0	174	44	244	69	218	70	84	31	91	46	63	48	874	308	1,182	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	1	0	8	7	56	16	45	19	27	9	8	2	145	52	197	
Epilepsy	39.1	29.3	0	0	187	129	281	166	281	171	125	91	112	100	56	79	1,043	735	1,778	
Alcoholic polyneuropathy	100.0	100.0	0	0	1	0	3	2	7	3	6	2	5	0	1	1	23	8	31	
TOTAL	57.9	27.4	0	0	1,520	919	3,267	1,729	3,859	1,544	1,738	625	1,264	519	424	272	12,072	5,609	17,682	
CARDIO VASCULAR DISEASE																				
Hypertensive disease	23.8	8.1	0	0	73	19	448	122	2,103	528	2,344	683	2,778	1,138	1,551	1,151	9,297	3,641	12,937	
Ischaemic heart disease	-9.6	-5.1	0	0	-11	-3	-341	-59	-1,991	-351	-1,870	-474	-2,124	-767	-1,180	-757	-7,517	-2,411	-9,927	
Alcoholic cardiomyopathy	100.0	100.0	0	0	1	0	19	2	64	8	54	7	32	3	5	1	175	20	195	
Cardiac arrhythmias	26.1	17.5	0	0	79	44	230	102	927	293	1,325	505	2,207	1,238	1,635	1,649	6,402	3,831	10,233	
Cerebrovascular disease	3.0	-6.7	0	0	6	-12	19	-33	70	-94	88	-122	120	-249	76	-321	378	-831	-452	
<i>Ischaemic stroke</i>	-0.6	-8.5	0	0	0	-6	0	-15	-2	-31	-2	-24	-4	-36	-3	-33	-10	-146	-157	
<i>Haemorrhagic stroke</i>	9.3	-3.9	0	0	5	-3	19	-8	99	-28	153	-40	229	-83	166	-108	671	-270	401	
Oesophageal varices	54.4	41.5	0	0	6	2	24	7	94	27	44	20	36	20	12	11	217	87	304	
TOTAL	5.8	3.5	0	0	153	49	398	142	1,268	410	1,986	619	3,048	1,383	2,100	1,734	8,953	4,337	13,290	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	33	16	119	48	128	51	52	17	31	8	8	1	372	140	512	
Cirrhosis of the liver	58.9	45.0	0	0	23	13	277	123	926	291	517	210	334	172	78	68	2,155	877	3,032	
Cholelithiasis	-15.0	-8.2	0	0	-39	-134	-121	-185	-207	-187	-147	-98	-161	-96	-86	-73	-761	-773	-1,534	
Acute and chronic pancreatitis	24.9	12.1	0	0	59	37	169	68	231	93	102	48	84	50	42	40	687	335	1,022	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	12	6	106	31	135	37	40	11	19	4	3	2	315	92	406	
TOTAL	22.5	4.6	0	0	89	-63	550	85	1,213	284	564	188	307	138	44	38	2,767	671	3,438	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.5	0	0	5	6	18	10	37	15	26	12	19	14	11	9	117	65	182	

Table D-HC-A-7. Continued

CONDITION	AAF%		Number of hospital diagnoses														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight	6.8	6.8	430	385	--	--	--	--	--	--	--	--	--	--	--	--	430	385	814	
Fetal alcohol syndrome	100.0	100.0	59	41	37	37	6	11	2	3	0	0	0	0	0	0	103	91	194	
TOTAL	100.0	100.0	488	426	37	37	6	11	2	3	0	0	0	0	0	0	533	476	1,009	
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	26.1	12.3	38	17	378	75	285	81	128	63	27	18	25	19	15	14	897	287	1,184	
Poisonings	8.3	7.3	0	0	30	23	21	15	19	20	6	7	4	5	2	4	84	74	158	
<i>Accidental poisoning and exposure to alcohol</i>	<i>100.00</i>	<i>100.0</i>	<i>7</i>	<i>7</i>	<i>21</i>	<i>17</i>	<i>24</i>	<i>15</i>	<i>21</i>	<i>10</i>	<i>8</i>	<i>2</i>	<i>3</i>	<i>2</i>	<i>2</i>	<i>1</i>	<i>86</i>	<i>53</i>	<i>139</i>	
Falls	8.5	3.9	0	0	170	47	198	80	262	259	100	68	102	61	136	129	969	644	1,613	
Fires	18.4	9.2	5	3	16	2	12	2	9	2	3	1	3	1	1	1	49	11	60	
Drownings	9.5	10.1	0	0	2	1	2	0	2	2	1	0	1	0	0	0	8	5	13	
Other unintentional injuries	13.7	11.0	333	61	806	424	957	758	1,360	1,195	807	496	956	682	452	494	5,671	4,110	9,781	
TOTAL	13.2	8.9	376	81	1,403	572	1,475	936	1,779	1,542	945	590	1,091	768	608	641	7,677	5,132	12,808	
INTENTIONAL INJURIES																				
Self-inflicted injuries	8.2	6.2	0	0	65	71	84	82	41	58	5	4	1	1	1	1	197	217	414	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>2</i>	<i>2</i>	<i>36</i>	<i>45</i>	<i>65</i>	<i>72</i>	<i>37</i>	<i>52</i>	<i>10</i>	<i>9</i>	<i>4</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>155</i>	<i>184</i>	<i>339</i>	
Homicide	16.6	15.7	7	4	165	32	99	30	43	14	5	2	4	2	2	3	323	88	411	
Other intentional injuries	12.5	13.38	0	0	2	0	2	0	1	1	0	0	0	0	0	0	5	1	6	
TOTAL	12.7	8.0	7	4	231	103	185	112	85	73	10	6	5	4	3	4	525	306	831	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	1	3	15	10	18	15	17	8	6	1	3	1	3	1	62	39	101	
Finding of alcohol in blood	100.0	100.0	1	1	8	2	13	4	5	3	2	2	1	1	1	0	31	14	45	
OVERALL			873	515	3,413	1,618	5,835	3,066	8,076	3,956	5,077	2,031	5,465	2,733	3,036	2,612	31,775	16,532	48,307	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-8. Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in New Brunswick, 2002

CONDITION	AAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.5	19.4	0	0	1	0	4	1	13	4	9	3	7	2	2	2	36	12	48	
Oesophageal cancers	37.9	24.6	0	0	0	0	1	0	7	1	7	2	8	2	4	1	26	6	33	
Liver cancer	31.0	21.5	0	0	0	0	1	0	6	1	5	2	6	2	2	2	21	7	28	
Laryngeal cancer	43.2	31.2	0	0	0	0	1	0	3	1	5	1	4	1	2	0	15	3	18	
Breast cancer	--	6.5	--	0	--	0	--	5	--	14	--	8	--	7	--	4	--	39	39	
Other neoplasms	9.1	5.5	0	0	0	0	0	2	0	3	0	1	0	1	0	0	1	7	9	
TOTAL	33.8	8.5	0	0	1	1	6	9	30	23	28	16	25	16	10	10	99	74	174	
DIABETES																				
TOTAL (Diabetes mellitus)	-5.1	-2.5	0	0	-6	-3	-16	-6	-49	-16	-48	-17	-53	-25	-25	-18	-196	-86	-283	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	42	23	80	40	92	34	36	11	23	8	6	3	278	120	398	
Alcohol dependence syndrome	100.0	100.0	0	0	27	17	112	61	162	60	80	26	55	18	16	6	453	188	640	
Alcohol abuse	100.0	100.0	0	0	48	35	83	49	78	35	33	12	25	11	8	5	276	147	423	
Unipolar major depression	11.0	2.3	0	0	18	4	25	7	22	7	8	3	9	5	6	5	88	31	119	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	0	0	1	1	6	2	5	2	3	1	1	0	15	5	20	
Epilepsy	39.1	29.3	0	0	19	13	28	17	28	17	13	9	11	10	6	8	105	74	179	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	2	1	3	
TOTAL	57.9	27.4	0	0	153	93	329	174	389	156	175	63	127	52	43	27	1,217	565	1,782	
CARDIO VASCULAR DISEASE																				
Hypertensive disease	23.8	8.1	0	0	7	2	45	12	212	53	236	69	280	115	156	116	937	367	1,304	
Ischaemic heart disease	-9.6	-5.1	0	0	-1	0	-34	-6	-201	-35	-188	-48	-214	-77	-119	-76	-758	-243	-1,001	
Alcoholic cardiomyopathy	100.0	100.0	0	0	0	0	2	0	6	1	5	1	3	0	1	0	18	2	20	
Cardiac arrhythmias	26.1	17.5	0	0	8	4	23	10	93	30	134	51	222	125	165	166	645	386	1,031	
Cerebrovascular disease	3.0	-6.7	0	0	1	-1	2	-3	7	-9	9	-12	12	-25	8	-32	38	-84	-46	
<i>Ischaemic stroke</i>	-0.6	-8.5	0	0	0	-1	0	-2	0	-3	0	-2	0	-4	0	-3	-1	-15	-16	
<i>Haemorrhagic stroke</i>	9.3	-3.9	0	0	0	0	2	-1	10	-3	15	-4	23	-8	17	-11	68	-27	40	
Oesophageal varices	54.4	41.5	0	0	1	0	2	1	10	3	4	2	4	2	1	1	22	9	31	
TOTAL	5.8	3.5	0	0	15	5	40	14	128	41	200	62	307	139	212	175	902	437	1,340	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	3	2	12	5	13	5	5	2	3	1	1	0	37	14	52	
Cirrhosis of the liver	58.9	45.0	0	0	2	1	28	12	93	29	52	21	34	17	8	7	217	88	306	
Cholelithiasis	-15.0	-8.2	0	0	-4	-14	-12	-19	-21	-19	-15	-10	-16	-10	-9	-7	-77	-78	-155	
Acute and chronic pancreatitis	24.9	12.1	0	0	6	4	17	7	23	9	10	5	8	5	4	4	69	34	103	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	1	1	11	3	14	4	4	1	2	0	0	0	32	9	41	
TOTAL	22.5	4.6	0	0	9	-6	55	9	122	29	57	19	31	14	4	4	279	68	347	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.5	0	0	0	1	2	1	4	2	3	1	2	1	1	1	12	7	18	

Table D-HC-A-8. Continued

CONDITION	AAF%		Number of hospital diagnoses														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight	6.8	6.8	43	39	--	--	--	--	--	--	--	--	--	--	--	--	43	39	82	
Fetal alcohol syndrome	100.0	100.0	6	4	4	4	1	1	0	0	0	0	0	0	0	0	10	9	20	
TOTAL	100.0	100.0	49	43	4	4	1	1	0	0	0	0	0	0	0	0	54	48	102	
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	26.1	12.3	4	2	38	8	29	8	13	6	3	2	3	2	2	1	90	29	119	
Poisonings	8.3	7.3	0	0	3	2	2	2	2	2	1	1	0	0	0	0	8	7	16	
<i>Accidental poisoning and exposure to alcohol</i>	<i>100.00</i>	<i>100.0</i>	<i>1</i>	<i>1</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>9</i>	<i>5</i>	<i>14</i>	
Falls	8.5	3.9	0	0	17	5	20	8	26	26	10	7	10	6	14	13	98	65	163	
Fires	18.4	9.2	1	0	2	0	1	0	1	0	0	0	0	0	0	0	5	1	6	
Drownings	9.5	10.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
Other unintentional injuries	13.7	11.0	34	6	81	43	96	76	137	120	81	50	96	69	46	50	572	414	986	
TOTAL	13.2	8.9	38	8	141	58	149	94	179	155	95	59	110	77	61	65	774	517	1,291	
INTENTIONAL INJURIES																				
Self-inflicted injuries	8.2	6.2	0	0	7	7	9	8	4	6	1	0	0	0	0	0	20	22	42	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>4</i>	<i>5</i>	<i>7</i>	<i>7</i>	<i>4</i>	<i>5</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>16</i>	<i>19</i>	<i>34</i>	
Homicide	16.6	15.7	1	0	17	3	10	3	4	1	0	0	0	0	0	0	33	9	41	
Other intentional injuries	12.5	13.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
TOTAL	12.7	8.0	1	0	23	10	19	11	9	7	1	1	1	0	0	0	53	31	84	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	1	1	2	2	2	1	1	0	0	0	0	0	6	4	10	
Finding of alcohol in blood	100.0	100.0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	1	5	
OVERALL			88	52	344	163	588	309	814	399	512	205	551	275	306	263	3,203	1,666	4,869	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-9. Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in Nova Scotia, 2002

CONDITION	AAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.5	19.4	0	0	1	1	4	2	15	4	11	3	8	3	3	2	41	14	55	
Oesophageal cancers	37.9	24.6	0	0	0	0	1	0	10	2	11	2	12	3	5	2	40	9	49	
Liver cancer	31.0	21.5	0	0	0	0	1	0	7	1	6	2	7	2	2	2	22	7	30	
Laryngeal cancer	43.2	31.2	0	0	0	0	1	0	7	1	10	2	8	2	3	1	30	6	35	
Breast cancer	--	6.5	--	0	--	0	--	8	--	22	--	13	--	12	--	7	--	61	61	
Other neoplasms	9.1	5.5	0	0	0	0	0	2	0	3	1	2	1	1	0	1	2	9	11	
TOTAL	33.8	8.5	0	0	1	1	8	12	39	34	38	23	35	23	13	14	134	107	241	
DIABETES																				
TOTAL (Diabetes mellitus)	-5.1	-2.5	0	0	-6	-3	-18	-7	-55	-18	-54	-20	-60	-29	-29	-21	-223	-98	-320	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	27	15	51	26	59	22	23	7	15	5	4	2	178	76	254	
Alcohol dependence syndrome	100.0	100.0	0	0	34	21	140	76	203	75	100	32	69	22	20	8	565	234	799	
Alcohol abuse	100.0	100.0	0	0	41	30	71	42	67	30	28	10	22	10	7	4	237	126	363	
Unipolar major depression	11.0	2.3	0	0	15	4	20	6	18	6	7	3	8	4	5	4	73	26	99	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	0	0	1	1	6	2	5	2	3	1	1	0	15	5	20	
Epilepsy	39.1	29.3	0	0	21	14	31	18	31	19	14	10	12	11	6	9	115	81	196	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	3	
TOTAL	57.9	27.4	0	0	137	84	315	168	384	154	177	64	129	52	43	27	1,184	549	1,733	
CARDIO VASCULAR DISEASE																				
Hypertensive disease	23.8	8.1	0	0	8	2	49	13	228	57	255	74	302	124	168	125	1,010	395	1,405	
Ischaemic heart disease	-9.6	-5.1	0	0	-2	0	-50	-9	-292	-51	-274	-69	-311	-113	-173	-111	-1,102	-354	-1,456	
Alcoholic cardiomyopathy	100.0	100.0	0	0	0	0	2	0	6	1	5	1	3	0	1	0	17	2	19	
Cardiac arrhythmias	26.1	17.5	0	0	10	6	29	13	118	37	168	64	280	157	207	209	812	486	1,298	
Cerebrovascular disease	3.0	-6.7	0	0	1	-1	2	-4	8	-11	10	-14	14	-29	9	-38	44	-97	-53	
<i>Ischaemic stroke</i>	-0.6	-8.5	0	0	0	-1	0	-1	0	-3	0	-2	0	-3	0	-3	-1	-14	-15	
<i>Haemorrhagic stroke</i>	9.3	-3.9	0	0	1	0	2	-1	12	-3	19	-5	28	-10	20	-13	82	-33	49	
Oesophageal varices	54.4	41.5	0	0	1	0	3	1	10	3	5	2	4	2	1	1	24	10	33	
TOTAL	5.8	3.5	0	0	18	6	34	15	79	36	169	57	291	141	214	187	804	442	1,246	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	2	1	7	3	8	3	3	1	2	0	0	0	22	8	30	
Cirrhosis of the liver	58.9	45.0	0	0	2	1	25	11	83	26	46	19	30	15	7	6	193	78	271	
Cholelithiasis	-15.0	-8.2	0	0	-6	-20	-18	-27	-31	-28	-22	-14	-24	-14	-13	-11	-113	-115	-227	
Acute and chronic pancreatitis	24.9	12.1	0	0	9	5	25	10	34	14	15	7	12	7	6	6	100	49	149	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	1	0	7	2	9	3	3	1	1	0	0	0	22	6	28	
TOTAL	22.5	4.6	0	0	8	-12	46	-2	103	17	45	13	21	9	1	1	224	27	251	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.5	0	0	1	1	3	2	6	2	4	2	3	2	2	1	19	11	30	

Table D-HC-A-9. Continued

CONDITION	AAF%		Number of hospital diagnoses														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight	6.8	6.8	41	37	--	--	--	--	--	--	--	--	--	--	--	--	--	41	37	78
Fetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	100.0	100.0	41	37	0	0	0	0	0	0	0	0	0	0	0	0	0	41	37	78
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	26.1	12.3	3	1	29	6	22	6	10	5	2	1	2	1	1	1	1	68	22	90
Poisonings	8.3	7.3	0	0	3	2	2	2	2	2	1	1	0	0	0	0	0	8	7	16
<i>Accidental poisoning and exposure to alcohol</i>	<i>100.00</i>	<i>100.0</i>	<i>1</i>	<i>1</i>	<i>3</i>	<i>2</i>	<i>3</i>	<i>2</i>	<i>3</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>12</i>	<i>7</i>	<i>19</i>
Falls	8.5	3.9	0	0	21	6	24	10	32	32	12	8	13	8	17	16	16	119	79	198
Fires	18.4	9.2	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	4	1	5
Drownings	9.5	10.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Other unintentional injuries	13.7	11.0	47	9	113	59	134	106	190	167	113	69	134	95	63	69	69	792	574	1,366
TOTAL	13.2	8.9	50	10	166	73	183	123	234	206	128	80	149	105	81	86	991	683	1,674	
INTENTIONAL INJURIES																				
Self-inflicted injuries	8.2	6.2	0	0	8	8	10	10	5	7	1	1	0	0	0	0	0	23	26	49
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>4</i>	<i>5</i>	<i>7</i>	<i>8</i>	<i>4</i>	<i>6</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>18</i>	<i>21</i>	<i>39</i>
Homicide	16.6	15.7	1	0	15	3	9	3	4	1	0	0	0	0	0	0	0	30	8	38
Other intentional injuries	12.5	13.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	12.7	8.0	1	0	23	11	19	12	9	8	1	1	1	0	0	0	54	34	87	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	2	2	3	3	3	1	1	0	1	0	0	0	0	10	7	17
Finding of alcohol in blood	100.0	100.0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	1	3
OVERALL			92	48	350	163	593	327	801	441	510	221	569	305	326	296	3,241	1,800	5,041	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-10. Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in Prince Edward Island, 2002

CONDITION	AAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.5	19.4	0	0	0	0	0	0	1	0	1	0	1	0	0	0	4	1	5	
Oesophageal cancers	37.9	24.6	0	0	0	0	0	0	1	0	1	0	2	0	1	0	5	1	6	
Liver cancer	31.0	21.5	0	0	0	0	0	0	1	0	1	0	1	0	0	0	3	1	4	
Laryngeal cancer	43.2	31.2	0	0	0	0	0	0	1	0	2	0	1	0	0	0	4	1	5	
Breast cancer	--	6.5	--	0	--	0	--	1	--	2	--	1	--	1	--	1	--	7	7	
Other neoplasms	9.1	5.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
TOTAL	33.8	8.5	0	0	0	0	1	1	5	4	5	3	4	3	2	2	17	12	29	
DIABETES																				
TOTAL (Diabetes mellitus)	-5.1	-2.5	0	0	-1	-1	-3	-1	-9	-3	-9	-3	-10	-5	-5	-4	-38	-16	-54	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	7	4	13	6	14	5	6	2	4	1	1	0	43	19	62	
Alcohol dependence syndrome	100.0	100.0	0	0	8	5	31	17	45	17	22	7	15	5	4	2	126	52	179	
Alcohol abuse	100.0	100.0	0	0	11	8	19	11	18	8	7	3	6	3	2	1	62	33	95	
Unipolar major depression	11.0	2.3	0	0	5	1	7	2	6	2	2	1	3	1	2	1	26	9	34	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	1	3	
Epilepsy	39.1	29.3	0	0	4	3	6	4	6	4	3	2	2	2	1	2	22	16	38	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	57.9	27.4	0	0	34	20	76	40	90	36	41	15	30	12	10	6	282	130	411	
CARDIO VASCULAR DISEASE																				
Hypertensive disease	23.8	8.1	0	0	1	0	7	2	35	9	39	11	46	19	26	19	153	60	213	
Ischaemic heart disease	-9.6	-5.1	0	0	0	0	-5	-1	-30	-5	-29	-7	-32	-12	-18	-12	-115	-37	-152	
Alcoholic cardiomyopathy	100.0	100.0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	3	
Cardiac arrhythmias	26.1	17.5	0	0	1	1	3	1	13	4	19	7	32	18	23	24	92	55	147	
Cerebrovascular disease	3.0	-6.7	0	0	0	0	0	-1	2	-2	2	-3	3	-6	2	-7	8	-18	-10	
<i>Ischaemic stroke</i>	-0.6	-8.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	-2	
<i>Haemorrhagic stroke</i>	9.3	-3.9	0	0	0	0	0	0	2	-1	4	-1	6	-2	4	-3	17	-7	10	
Oesophageal varices	54.4	41.5	0	0	0	0	0	0	1	0	1	0	0	0	0	0	3	1	4	
TOTAL	5.8	3.5	0	0	2	1	6	2	21	6	32	9	48	20	33	24	144	61	205	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	1	0	2	1	2	1	1	0	1	0	0	0	7	2	9	
Cirrhosis of the liver	58.9	45.0	0	0	0	0	3	1	11	4	6	3	4	2	1	1	26	11	37	
Cholelithiasis	-15.0	-8.2	0	0	-1	-4	-4	-5	-6	-5	-4	-3	-5	-3	-2	-2	-22	-22	-44	
Acute and chronic pancreatitis	24.9	12.1	0	0	1	1	4	2	6	2	3	1	2	1	1	1	17	8	25	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	1	3	
TOTAL	22.5	4.6	0	0	1	-3	7	-1	14	2	6	1	2	1	0	0	30	0	29	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	3	

Table D-HC-A-10. Continued

CONDITION	AAF%		Number of hospital diagnoses														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight	6.8	6.8	3	3	--	--	--	--	--	--	--	--	--	--	--	--	3	3	6	
Fetal alcohol syndrome	100.0	100.0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	
TOTAL	100.0	100.0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	5	4	9	
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	26.1	12.3	1	0	7	1	5	1	2	1	0	0	0	0	0	0	16	5	21	
Poisonings	8.3	7.3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	3	
<i>Accidental poisoning and exposure to alcohol</i>	<i>100.00</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2</i>	<i>1</i>	<i>3</i>	
Falls	8.5	3.9	0	0	3	1	4	2	5	5	2	1	2	1	3	2	18	12	31	
Fires	18.4	9.2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	2	
Drownings	9.5	10.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other unintentional injuries	13.7	11.0	5	1	11	6	13	10	19	16	11	7	13	9	6	7	77	56	133	
TOTAL	13.2	8.9	5	1	22	9	23	14	26	23	14	9	16	11	9	10	115	75	190	
INTENTIONAL INJURIES																				
Self-inflicted injuries	8.2	6.2	0	0	1	1	1	1	1	1	0	0	0	0	0	0	3	3	6	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>3</i>	
Homicide	16.6	15.7	0	0	2	0	1	0	1	0	0	0	0	0	0	0	4	1	5	
Other intentional injuries	12.5	13.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	12.7	8.0	0	0	3	1	2	2	1	1	0	0	0	0	0	0	7	4	11	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			10	5	63	29	113	57	150	69	89	33	91	42	49	38	564	272	836	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-11. Alcohol-attributable fractions and number of hospital diagnoses due to morbidity attributable to alcohol by sex, age and disease category in Newfoundland, 2002

CONDITION	AAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.5	19.4	0	0	0	0	2	1	9	3	6	2	4	2	2	1	24	8	32	
Oesophageal cancers	37.9	24.6	0	0	0	0	1	0	5	1	5	1	6	1	3	1	20	5	24	
Liver cancer	31.0	21.5	0	0	0	0	1	0	3	1	3	1	3	1	1	1	11	4	15	
Laryngeal cancer	43.2	31.2	0	0	0	0	1	0	3	1	5	1	4	1	1	0	14	3	17	
Breast cancer	--	6.5	--	0	--	0	--	3	--	10	--	6	--	5	--	3	--	27	27	
Other neoplasms	9.1	5.5	0	0	0	0	0	1	0	2	0	1	0	1	0	0	1	6	7	
TOTAL	33.8	8.5	0	0	1	1	4	6	21	16	20	11	18	11	7	7	70	52	122	
DIABETES																				
TOTAL (Diabetes mellitus)	-5.1	-2.5	0	0	-6	-3	-16	-6	-49	-16	-48	-17	-53	-26	-26	-19	-198	-87	-285	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	21	12	41	21	47	17	18	6	12	4	3	2	142	61	203	
Alcohol dependence syndrome	100.0	100.0	0	0	9	6	39	21	56	21	28	9	19	6	6	2	156	65	221	
Alcohol abuse	100.0	100.0	0	0	14	10	25	15	24	11	10	4	8	3	2	2	83	44	127	
Unipolar major depression	11.0	2.3	0	0	8	2	12	3	11	3	4	2	4	2	3	2	43	15	58	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	1	3	
Epilepsy	39.1	29.3	0	0	18	12	27	16	27	16	12	9	11	9	5	7	99	70	169	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	57.9	27.4	0	0	71	43	143	75	165	69	72	29	54	25	19	15	525	256	781	
CARDIO VASCULAR DISEASE																				
Hypertensive disease	23.8	8.1	0	0	4	1	26	7	121	30	135	39	160	66	89	66	536	210	746	
Ischaemic heart disease	-9.6	-5.1	0	0	-1	0	-24	-4	-140	-25	-131	-33	-149	-54	-83	-53	-528	-169	-697	
Alcoholic cardiomyopathy	100.0	100.0	0	0	0	0	1	0	3	0	2	0	1	0	0	0	7	1	8	
Cardiac arrhythmias	26.1	17.5	0	0	5	3	14	6	55	17	78	30	130	73	96	97	377	226	602	
Cerebrovascular disease	3.0	-6.7	0	0	0	-1	1	-2	4	-6	6	-8	8	-16	5	-20	24	-53	-29	
<i>Ischaemic stroke</i>	-0.6	-8.5	0	0	0	0	0	-1	0	-2	0	-1	0	-2	0	-2	-1	-9	-9	
<i>Haemorrhagic stroke</i>	9.3	-3.9	0	0	0	0	1	-1	7	-2	11	-3	17	-6	12	-8	50	-20	30	
Oesophageal varices	54.4	41.5	0	0	0	0	1	0	4	1	2	1	2	1	1	0	10	4	14	
TOTAL	5.8	3.5	0	0	9	3	18	7	47	19	92	29	151	70	108	90	426	218	644	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	1	1	5	2	5	2	2	1	1	0	0	0	15	6	21	
Cirrhosis of the liver	58.9	45.0	0	0	1	1	13	6	42	13	24	10	15	8	4	3	99	40	139	
Cholelithiasis	-15.0	-8.2	0	0	-4	-15	-14	-21	-24	-21	-17	-11	-18	-11	-10	-8	-87	-89	-176	
Acute and chronic pancreatitis	24.9	12.1	0	0	4	3	12	5	16	6	7	3	6	3	3	3	47	23	69	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	1	0	6	2	8	2	2	1	1	0	0	0	18	5	23	
TOTAL	22.5	4.6	0	0	3	-11	21	-7	47	2	18	3	5	1	-3	-2	91	-15	77	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.5	0	0	1	1	2	1	4	2	3	1	2	2	1	1	14	8	22	

Table D-HC-A-11. Continued

CONDITION	AAF%		Number of hospital diagnoses														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight	6.8	6.8	22	19	--	--	--	--	--	--	--	--	--	--	--	--	--	22	19	41
Fetal alcohol syndrome	100.0	100.0	3	2	2	2	0	0	0	0	0	0	0	0	0	0	0	5	4	9
TOTAL	100.0	100.0	24	21	2	2	0	0	0	0	0	0	0	0	0	0	0	26	24	50
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	26.1	12.3	2	1	22	4	17	5	7	4	2	1	1	1	1	1	1	52	17	69
Poisonings	8.3	7.3	0	0	2	2	1	1	1	1	0	0	0	0	0	0	0	6	5	11
<i>Accidental poisoning and exposure to alcohol</i>	<i>100.00</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2</i>	<i>1</i>	<i>3</i>
Falls	8.5	3.9	0	0	10	3	11	5	15	15	6	4	6	4	8	7	56	37	92	
Fires	18.4	9.2	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	1	4	
Drownings	9.5	10.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Other unintentional injuries	13.7	11.0	21	4	51	27	61	48	87	76	51	32	61	44	29	31	362	262	624	
TOTAL	13.2	8.9	24	5	87	36	91	59	111	96	60	37	69	49	38	40	479	322	801	
INTENTIONAL INJURIES																				
Self-inflicted injuries	8.2	6.2	0	0	4	5	5	5	3	4	0	0	0	0	0	0	13	14	27	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>2</i>	<i>2</i>	<i>3</i>	<i>1</i>	<i>2</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>5</i>	<i>7</i>	<i>12</i>	
Homicide	16.6	15.7	0	0	5	1	3	1	1	0	0	0	0	0	0	0	11	3	13	
Other intentional injuries	12.5	13.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	12.7	8.0	0	0	10	6	9	6	4	4	0	0	0	0	0	0	24	17	40	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	2	1	3	2	3	1	1	0	0	0	0	0	9	6	15	
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			48	27	178	77	277	144	353	194	218	94	247	132	146	133	1,467	800	2,267	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-12. Continued

CONDITION	AAF%		Number of hospital diagnoses														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birth weight	6.8	6.8	1	1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	2
Fetal alcohol syndrome	100.0	100.0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	4	3	7
TOTAL	100.0	100.0	3	2	1	1	0	0	0	0	0	0	0	0	0	0	5	4	9
UNINTENTIONAL INJURIES																			
Motor vehicle accidents	26.1	12.3	0	0	4	1	3	1	1	1	0	0	0	0	0	0	9	3	13
Poisonings	8.3	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
<i>Accidental poisoning and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2</i>	<i>1</i>	<i>3</i>
Falls	8.5	3.9	0	0	1	0	1	0	1	1	0	0	0	0	1	1	4	3	7
Fires	18.4	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Drownings	9.5	10.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other unintentional injuries	13.7	11.0	1	0	3	1	3	3	5	4	3	2	3	2	2	2	20	14	34
TOTAL	13.2	8.9	2	0	8	3	8	4	8	6	4	2	4	3	2	2	35	21	56
INTENTIONAL INJURIES																			
Self-inflicted injuries	8.2	6.2	0	0	1	1	1	1	0	1	0	0	0	0	0	0	2	2	4
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2</i>	<i>3</i>	<i>5</i>
Homicide	16.6	15.7	0	0	2	0	1	0	1	0	0	0	0	0	0	0	4	1	5
Other intentional injuries	12.5	13.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	12.7	8.0	0	0	3	1	2	1	1	1	0	0	0	0	0	0	6	3	9
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVERALL			5	3	30	15	55	29	72	31	37	14	31	14	13	10	244	115	359

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-13. Continued

CONDITION	AAF%		Number of hospital diagnoses														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birth weight	6.8	6.8	2	2	--	--	--	--	--	--	--	--	--	--	--	--	2	2	4
Fetal alcohol syndrome	100.0	100.0	2	2	2	2	0	0	0	0	0	0	0	0	0	0	4	4	8
TOTAL	100.0	100.0	5	4	2	2	0	0	0	0	0	0	0	0	0	0	6	6	12
UNINTENTIONAL INJURIES																			
Motor vehicle accidents	26.1	12.3	0	0	2	0	2	0	1	0	0	0	0	0	0	0	5	2	7
Poisonings	8.3	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
<i>Accidental poisoning and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>3</i>	<i>2</i>	<i>5</i>
Falls	8.5	3.9	0	0	1	0	1	0	1	1	0	0	0	0	1	1	4	3	6
Fires	18.4	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drownings	9.5	10.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other unintentional injuries	13.7	11.0	1	0	3	2	4	3	5	5	3	2	4	3	2	2	22	16	39
TOTAL	13.2	8.9	2	0	7	3	7	4	8	6	4	2	4	3	2	3	33	22	55
INTENTIONAL INJURIES																			
Self-inflicted injuries	8.2	6.2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	3
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>
Homicide	16.6	15.7	0	0	5	1	3	1	1	0	0	0	0	0	0	0	10	3	12
Other intentional injuries	12.5	13.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	12.7	8.0	0	0	5	1	3	1	2	1	0	0	0	0	0	0	11	4	15
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	1	3
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVERALL			6	4	55	28	101	50	118	48	51	18	37	15	13	9	381	173	555

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-14. Continued

CONDITION	AAF%		Number of hospital diagnoses														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birth weight	6.8	6.8	2	1	--	--	--	--	--	--	--	--	--	--	--	--	2	1	3
Fetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	100.0	100.0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4
UNINTENTIONAL INJURIES																			
Motor vehicle accidents	26.1	12.3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	3	1	4
Poisonings	8.3	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Accidental poisoning and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>
Falls	8.5	3.9	0	0	1	0	1	0	1	1	0	0	0	0	1	0	4	2	6
Fires	18.4	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drownings	9.5	10.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other unintentional injuries	13.7	11.0	1	0	3	2	4	3	5	4	3	2	4	3	2	2	21	15	36
TOTAL	13.2	8.9	1	0	5	2	5	3	7	6	3	2	4	3	2	2	28	19	47
INTENTIONAL INJURIES																			
Self-inflicted injuries	8.2	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>1</i>
Homicide	16.6	15.7	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Other intentional injuries	12.5	13.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	12.7	8.0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	1	3
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVERALL			3	2	13	6	22	11	30	15	19	8	20	10	11	10	117	61	179

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-15. Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in Canada, 2002

CONDITION	AAF%		Number of hospital days														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
MALIGNANT NEOPLASMS																			
Mouth and oropharynx cancers	19.9	11.5	0	0	52	31	527	179	2,507	607	2,182	544	1,649	578	502	345	7,420	2,284	9,704
Oesophageal cancers	22.8	14.7	0	0	16	10	124	14	1,671	268	2,105	437	2,375	703	990	529	7,280	1,962	9,242
Liver cancer	18.8	13.1	0	0	24	23	162	78	1,454	337	1,211	346	1,511	718	547	543	4,909	2,044	6,954
Laryngeal cancer	25.7	18.6	0	0	0	4	166	8	949	162	1,673	258	1,413	399	646	99	4,847	931	5,778
Breast cancer	--	3.9	--	0	--	19	--	408	--	1,396	--	991	--	1,121	--	1,044	--	4,979	4,979
Other neoplasms	5.4	3.3	0	0	0	16	8	98	33	145	46	70	51	86	37	48	175	463	638
TOTAL	21.0	6.5	0	0	93	102	986	785	6,615	2,915	7,216	2,646	6,999	3,605	2,723	2,609	24,632	12,663	37,295
DIABETES																			
Total (Diabetes Mellitus)	-3.0	-1.5	0	0	-661	-406	-3,268	-1,269	-11,004	-3,740	-12,563	-4,614	-15,351	-7,720	-8,482	-6,498	-51,328	-24,247	-75,575
NEURO-PSYCHIATRIC CONDITIONS																			
Alcoholic psychoses	100.0	100.0	0	0	3,306	1,509	8,658	4,051	13,495	4,829	8,178	2,783	7,118	2,286	2,266	1,149	43,023	16,606	59,629
Alcohol dependence syndrome	100.0	100.0	0	0	4,802	2,700	17,696	10,308	31,927	12,162	23,726	7,666	19,999	7,052	5,995	2,993	104,144	42,882	147,027
Alcohol abuse	100.0	100.0	0	0	10,279	5,901	15,385	9,247	17,186	7,416	9,467	3,593	9,908	3,859	3,790	2,681	66,015	32,697	98,712
Unipolar major depression	6.1	1.5	0	0	3,732	949	5,862	1,735	7,162	2,174	3,951	1,345	5,260	2,443	3,828	3,007	29,795	11,652	41,447
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	43	0	372	262	2,002	679	2,383	848	1,387	528	326	84	6,512	2,401	8,914
Epilepsy	25.0	19.3	0	0	3,072	2,139	5,022	2,962	6,828	4,514	4,080	3,056	4,259	4,139	2,333	3,567	25,594	20,377	45,970
Alcoholic polyneuropathy	100.0	100.0	0	0	3	0	31	33	258	280	519	153	379	0	19	33	1,209	499	1,708
TOTAL	28.7	11.9	0	0	25,236	13,199	53,027	28,599	78,858	32,053	52,304	19,444	48,310	20,307	18,557	13,513	276,292	127,115	403,407
CARDIO VASCULAR DISEASES																			
Hypertensive disease	13.8	4.8	0	0	1,907	420	7,379	2,133	36,711	9,334	48,200	14,259	67,969	29,004	47,241	37,848	209,406	92,998	302,405
Ischaemic heart disease	-5.7	-3.0	0	0	-161	-35	-4,213	-896	-29,639	-5,768	-34,495	-9,757	-47,943	-18,534	-31,447	-22,316	-147,898	-57,308	-205,206
Alcoholic cardiomyopathy	100.0	100.0	0	0	4	0	281	24	1,469	201	1,274	204	1,036	68	134	49	4,199	546	4,745
Cardiac arrhythmias	15.4	10.4	0	0	1,944	782	3,800	1,725	20,555	6,413	33,189	12,623	62,740	35,613	52,451	56,582	174,679	113,739	288,418
Cerebrovascular disease	1.8	-4.0	0	0	255	-424	631	-1,375	2,477	-3,379	3,514	-4,941	4,963	-11,085	3,379	-16,423	15,218	-37,627	-22,409
<i>Ischaemic stroke</i>	-0.4	-5.1	0	0	-4	-196	-12	-559	-73	-1,276	-91	-1,272	-152	-1,616	-105	-1,575	-436	-6,494	-6,930
<i>Haemorrhagic stroke</i>	5.6	-2.3	0	0	195	-148	653	-444	3,302	-994	6,078	-1,562	9,923	-3,962	7,821	-6,049	27,972	-13,159	14,813
Oesophageal varices	32.4	25.3	0	0	90	36	442	225	1,863	622	1,183	463	865	546	403	281	4,846	2,174	7,019
TOTAL	4.3	2.0	0	0	4,039	779	8,321	1,836	33,436	7,423	52,865	12,851	89,629	35,612	72,159	56,021	260,449	114,522	374,971
DIGESTIVE DISEASES																			
Alcoholic gastritis	100.0	100.0	0	0	195	82	1,077	414	1,323	471	929	383	746	105	297	4	4,568	1,458	6,026
Cirrhosis of the liver	34.7	26.9	0	0	939	163	5,666	3,102	22,607	7,626	15,441	6,411	10,953	6,471	2,871	2,571	58,477	26,344	84,822
Cholelithiasis	-8.6	-4.7	0	0	-349	-914	-1,155	-1,408	-2,703	-1,837	-2,447	-1,217	-3,355	-1,846	-2,412	-2,058	-12,420	-9,281	-21,701
Acute and chronic pancreatitis	14.5	7.2	0	0	895	527	2,981	1,176	5,107	1,906	2,596	1,022	2,243	1,243	1,219	1,138	15,042	7,012	22,054
Chronic pancreatitis (alcohol induced)	59.5	59.5	0	0	155	72	2,065	498	2,782	908	1,075	248	608	89	42	32	6,727	1,848	8,575
TOTAL	16.6	6.9	0	0	1,835	-70	10,635	3,782	29,117	9,074	17,595	6,847	11,195	6,063	2,018	1,686	72,393	27,382	99,775
SKIN DISEASES																			
TOTAL (Psoriasis)	15.7	9.7	0	0	152	123	443	251	1,057	306	831	269	677	421	479	473	3,638	1,842	5,480

Table D-HC-A-15. Continued

CONDITION	AAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	16,479	14,042	--	--	--	--	--	--	--	--	--	--	--	--	--	16,479	14,042	30,521
Fetal alcohol syndrome	100.0	100.0	1,490	1,052	868	733	102	154	37	48	0	0	0	0	0	0	0	2,497	1,987	4,484
TOTAL	100.0	100.0	17969	15094	868	733	102	154	37	48	0	0	0	0	0	0	0	18,976	16,029	35,004
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	15.7	7.0	392	196	8,989	1,191	4,911	1,152	2,627	1,075	582	394	744	513	369	373	18,614	4,893	23,507	
Poisonings	4.7	3.9	0	0	298	177	254	173	263	415	134	157	89	147	69	127	1,107	1,196	2,303	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0%</i>	<i>100.0%</i>	48	34	166	133	375	269	259	182	180	11	27	24	33	12	1,087	665	1,752	
Falls	4.5	1.6	0	0	1,456	383	2,308	876	4,447	4,076	2,969	1,711	4,035	2,228	6,172	5,899	21,388	15,173	36,560	
Fires	10.6	4.8	83	33	348	20	224	65	209	54	70	18	112	26	25	16	1,072	231	1,303	
Drownings	6.4	5.0	0	0	15	5	19	3	6	5	3	2	4	2	3	3	50	20	70	
Other unintentional injuries	7.8	6.1	7,638	1,699	14,139	8,080	20,550	16,006	38,539	30,777	27,308	17,028	34,694	25,883	20,620	25,842	163,488	125,316	288,803	
TOTAL	7.6	4.8	8,114	1,928	25,245	9,855	28,267	18,275	46,091	36,402	31,065	19,309	39,678	28,799	27,259	32,260	205,718	146,829	352,547	
INTENTIONAL INJURIES																				
Self-inflicted injuries	4.9	3.8	0	0	1,045	1,108	1,493	1,352	850	1,159	149	145	49	45	28	24	3,614	3,834	7,449	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>59.5</i>	<i>59.5</i>	4	37	306	383	782	784	696	562	221	185	198	24	4	30	2,211	2,005	4,216	
Homicide	9.5	9.2	84	52	1,369	490	1,142	396	506	171	178	39	141	61	108	148	3,529	1,358	4,887	
Other Intentional injuries	7.1	7.7	0	0	18	2	23	0	10	6	0	0	1	0	0	0	53	9	62	
TOTAL	6.2	4.3	84	52	2,431	1,601	2,658	1,749	1,366	1,337	328	184	191	106	136	172	7,196	5,201	12,397	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	2	7	89	29	133	89	113	271	170	15	178	11	9	4	694	426	1,120	
Finding of alcohol in blood	100.0	100.0	3	2	89	8	146	64	110	28	38	8	6	9	12	0	404	119	523	
OVERALL			26,173	17,082	59,416	25,953	101,449	54,316	185,795	86,116	149,850	56,959	181,513	87,212	114,869	100,241	819,065	427,880	1,246,945	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-16. Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in British Columbia, 2002

CONDITION	AAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.2	19.2	0	0	5	3	53	18	252	61	219	55	166	58	51	35	746	230	976	
Oesophageal cancers	37.7	24.3	0	0	2	1	17	2	224	36	282	59	318	94	133	71	976	263	1,239	
Liver cancer	31.3	21.7	0	0	3	3	23	11	206	48	172	49	215	102	78	77	697	290	987	
Laryngeal cancer	43.0	31.1	0	0	0	0	14	1	81	14	143	22	121	34	55	8	414	80	493	
Breast cancer	--	6.4	--	0	--	2	--	51	--	176	--	125	--	141	--	131	--	627	627	
Other neoplasms	8.9	5.4	0	0	0	3	1	18	6	26	8	13	9	16	7	9	32	85	117	
TOTAL	34.9	10.7	0	0	11	13	108	101	770	361	825	322	829	445	323	332	2,865	1,574	4,439	
DIABETES																				
TOTAL (Diabetes Mellitus)	-5.1	-2.5	0	0	-83	-51	-411	-160	-1,384	-470	-1,580	-580	-1,930	-971	-1,067	-817	-6,455	-3,049	-9,504	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	530	242	1,388	650	2,164	774	1,311	446	1,141	367	363	184	6,898	2,663	9,561	
Alcohol dependence syndrome	100.0	100.0	0	0	789	443	2,906	1,693	5,243	1,997	3,896	1,259	3,284	1,158	985	492	17,103	7,042	24,146	
Alcohol abuse	100.0	100.0	0	0	1,831	1,051	2,741	1,647	3,061	1,321	1,686	640	1,765	687	675	478	11,759	5,824	17,583	
Unipolar major depression	10.3	2.5	0	0	522	133	820	243	1,001	304	552	188	735	342	535	420	4,166	1,629	5,795	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	6	0	48	34	257	87	306	109	178	68	42	11	837	309	1,146	
Epilepsy	41.7	32.2	0	0	381	265	623	367	846	560	506	379	528	513	289	442	3,173	2,526	5,698	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	4	5	37	40	75	22	55	0	3	5	175	72	247	
TOTAL	48.2	20.0	0	0	4,058	2,134	8,529	4,638	12,611	5,084	8,334	3,043	7,687	3,135	2,892	2,031	44,111	20,065	64,176	
CARDIO VASCULAR DISEASES																				
Hypertensive disease	23.3	8.0	0	0	220	48	851	246	4,232	1,076	5,557	1,644	7,836	3,344	5,446	4,363	24,141	10,721	34,862	
Ischaemic heart disease	-9.5	-5.0	0	0	-16	-3	-409	-87	-2,881	-561	-3,353	-948	-4,660	-1,801	-3,057	-2,169	-14,375	-5,570	-19,945	
Alcoholic cardiomyopathy	100.0	100.0	0	0	1	0	44	4	228	31	198	32	161	11	21	8	651	85	736	
Cardiac arrhythmias	25.9	17.4	0	0	223	90	436	198	2,356	735	3,804	1,447	7,191	4,082	6,011	6,485	20,020	13,036	33,055	
Cerebrovascular disease	2.9	-6.7	0	0	39	-65	96	-210	378	-515	536	-754	757	-1,691	515	-2,505	2,321	-5,739	-3,418	
<i>Ischaemic stroke</i>	-0.6	-8.4	0	0	-1	-30	-2	-85	-11	-193	-14	-193	-23	-245	-16	-239	-66	-984	-1,050	
<i>Haemorrhagic stroke</i>	9.2	-3.8	0	0	31	-24	104	-71	528	-159	971	-250	1,586	-633	1,250	-967	4,469	-2,103	2,367	
Oesophageal varices	54.0	42.1	0	0	11	4	55	28	231	77	146	57	107	68	50	35	600	269	868	
TOTAL	7.2	3.3	0	0	478	74	1,071	178	4,543	843	6,887	1,478	11,391	4,011	8,987	6,217	33,357	12,801	46,159	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	42	18	232	89	285	101	200	82	161	23	64	1	984	314	1,298	
Cirrhosis of the liver	58.2	45.1	0	0	112	19	673	368	2,686	906	1,834	762	1,301	769	341	305	6,947	3,130	10,077	
Cholelithiasis	-14.3	-7.8	0	0	-43	-113	-142	-173	-333	-226	-302	-150	-413	-227	-297	-254	-1,531	-1,144	-2,674	
Acute and chronic pancreatitis	24.3	12.0	0	0	102	60	340	134	582	217	296	116	256	142	139	130	1,715	799	2,514	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	20	9	264	64	356	116	137	32	78	11	5	4	860	236	1,097	
TOTAL	27.8	11.5	0	0	232	-6	1,367	482	3,575	1,114	2,166	842	1,382	717	252	186	8,975	3,336	12,311	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.2	0	0	18	15	53	30	126	36	99	32	81	50	57	56	434	220	653	

Table D-HC-A-16. Continued

CONDITION	AAF%		Number of hospital days																TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birth weight & short gestation	6.8	6.8	2,185	1,862	--	--	--	--	--	--	--	--	--	--	--	--	--	2,185	1,862	4,047	
Fetal alcohol syndrome	100.0	100.0	350	247	204	172	24	36	9	11	0	0	0	0	0	0	0	586	467	1,053	
TOTAL	100.0	100.0	2,535	2,109	204	172	24	36	9	11	0	0	0	0	0	0	0	2,772	2,329	5,100	
UNINTENTIONAL INJURIES																					
Motor vehicle accidents	26.0	11.7	65	32	1,481	196	809	190	433	177	96	65	123	84	61	61	3,067	806	3,873		
Poisonings	7.8	6.6	0	0	46	27	39	27	41	64	21	24	14	23	11	20	171	184	355		
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>4</i>	<i>3</i>	<i>12</i>	<i>10</i>	<i>28</i>	<i>20</i>	<i>20</i>	<i>14</i>	<i>14</i>	<i>1</i>	<i>2</i>	<i>2</i>	<i>3</i>	<i>1</i>	<i>82</i>	<i>50</i>	<i>132</i>		
Falls	7.5	2.7	0	0	242	64	384	146	740	678	494	285	671	371	1,027	981	3,558	2,524	6,082		
Fires	17.9	8.1	10	4	40	2	26	8	24	6	8	2	13	3	3	2	124	27	151		
Drownings	10.6	8.3	0	0	2	1	3	0	1	1	0	0	1	0	0	0	7	3	10		
Other unintentional injuries	13.1	10.3	1,035	230	1,917	1,095	2,786	2,170	5,224	4,172	3,702	2,308	4,703	3,509	2,795	3,503	22,163	16,988	39,151		
TOTAL	12.7	8.0	1,110	267	3,728	1,386	4,047	2,540	6,463	5,098	4,321	2,684	5,524	3,990	3,897	4,568	29,090	20,533	49,623		
INTENTIONAL INJURIES																					
Self-inflicted injuries	7.9	6.1	0	0	156	165	222	201	127	173	22	22	7	7	4	4	538	571	1,109		
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>1</i>	<i>7</i>	<i>56</i>	<i>70</i>	<i>143</i>	<i>143</i>	<i>127</i>	<i>103</i>	<i>40</i>	<i>34</i>	<i>36</i>	<i>4</i>	<i>1</i>	<i>6</i>	<i>404</i>	<i>366</i>	<i>770</i>		
Homicide	16.0	15.4	14	9	228	82	190	66	84	29	30	6	24	10	18	25	588	226	814		
Other Intentional injuries	12.5	13.5	0	0	2	0	3	0	1	1	0	0	0	0	0	0	6	1	7		
TOTAL	10.3	7.1	14	9	385	247	415	267	212	202	52	28	31	17	22	28	1,132	798	1,930		
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	1	11	3	16	11	13	32	20	2	21	1	1	1	82	50	133		
Finding of alcohol in blood	100.0	100.0	0	0	2	0	3	1	2	1	1	0	0	0	0	0	9	3	11		
OVERALL			3,659	2,385	9,044	3,988	15,222	8,125	26,940	12,312	21,125	7,851	25,015	11,396	15,365	12,602	116,371	58,659	175,030		

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-17. Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in Alberta, 2002

CONDITION	AAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.2	19.2	0	0	5	3	50	17	237	57	207	52	156	55	48	33	703	216	919	
Oesophageal cancers	37.7	24.3	0	0	1	1	8	1	101	16	127	26	143	42	60	32	440	118	558	
Liver cancer	31.3	21.7	0	0	2	2	13	6	114	26	95	27	118	56	43	42	384	160	544	
Laryngeal cancer	43.0	31.1	0	0	0	0	14	1	80	14	141	22	119	34	55	8	409	79	488	
Breast cancer	--	6.4	--	0	--	1	--	29	--	99	--	70	--	79	--	74	--	353	353	
Other neoplasms	8.9	5.4	0	0	0	2	1	12	4	18	6	9	6	11	5	6	22	58	79	
TOTAL	34.9	10.7	0	0	8	9	85	66	536	231	575	206	543	277	209	196	1,957	984	2,941	
DIABETES																				
TOTAL (Diabetes Mellitus)	-5.1	-2.5	0	0	-60	-37	-295	-115	-994	-338	-1,135	-417	-1,386	-697	-766	-587	-4,636	-2,190	-6,826	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	393	179	1,028	481	1,603	573	971	331	845	271	269	136	5,110	1,972	7,082	
Alcohol dependence syndrome	100.0	100.0	0	0	571	321	2,103	1,225	3,795	1,446	2,820	911	2,377	838	713	356	12,379	5,097	17,476	
Alcohol abuse	100.0	100.0	0	0	1,870	1,073	2,798	1,682	3,126	1,349	1,722	653	1,802	702	689	488	12,007	5,947	17,954	
Unipolar major depression	10.3	2.5	0	0	491	125	771	228	942	286	520	177	692	321	504	396	3,920	1,533	5,454	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	3	0	22	16	120	41	143	51	83	32	19	5	390	144	533	
Epilepsy	41.7	32.2	0	0	316	220	517	305	703	465	420	315	439	426	240	367	2,636	2,099	4,734	
Alcoholic polyneuropathy	100.0	100.0	0	0	1	0	6	6	50	54	101	30	73	0	4	6	234	97	331	
TOTAL	48.2	20.0	0	0	3,644	1,919	7,247	3,944	10,339	4,214	6,697	2,467	6,312	2,591	2,438	1,754	36,676	16,889	53,565	
CARDIO VASCULAR DISEASES																				
Hypertensive disease	23.3	8.0	0	0	238	52	919	266	4,574	1,163	6,005	1,776	8,468	3,613	5,885	4,715	26,088	11,586	37,674	
Ischaemic heart disease	-9.5	-5.0	0	0	-16	-4	-421	-89	-2,959	-576	-3,444	-974	-4,786	-1,850	-3,140	-2,228	-14,766	-5,721	-20,487	
Alcoholic cardiomyopathy	100.0	100.0	0	0	1	0	37	3	194	27	168	27	137	9	18	6	555	72	627	
Cardiac arrhythmias	25.9	17.4	0	0	208	84	407	185	2,202	687	3,555	1,352	6,721	3,815	5,619	6,061	18,712	12,184	30,896	
Cerebrovascular disease	2.9	-6.7	0	0	22	-36	54	-118	212	-290	301	-423	425	-950	289	-1,407	1,304	-3,224	-1,920	
<i>Ischaemic stroke</i>	-0.6	-8.4	0	0	0	-15	-1	-42	-5	-95	-7	-95	-11	-121	-8	-118	-33	-485	-517	
<i>Haemorrhagic stroke</i>	9.2	-3.8	0	0	14	-10	46	-31	230	-69	424	-109	692	-276	545	-422	1,950	-917	1,033	
Oesophageal varices	54.0	42.1	0	0	7	3	33	17	141	47	89	35	65	41	30	21	366	164	530	
TOTAL	7.2	3.3	0	0	459	99	1,030	263	4,363	1,058	6,675	1,793	11,029	4,678	8,702	7,169	32,259	15,061	47,319	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	23	10	125	48	153	55	108	44	86	12	34	0	529	169	698	
Cirrhosis of the liver	58.2	45.1	0	0	96	17	578	316	2,306	778	1,575	654	1,117	660	293	262	5,965	2,687	8,653	
Cholelithiasis	-14.3	-7.8	0	0	-37	-97	-123	-149	-287	-195	-260	-129	-356	-196	-256	-218	-1,318	-985	-2,303	
Acute and chronic pancreatitis	24.3	12.0	0	0	105	62	350	138	600	224	305	120	264	146	143	134	1,767	824	2,591	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	19	9	246	59	332	108	128	30	73	11	5	4	802	220	1,023	
TOTAL	27.8	11.5	0	0	205	0	1,177	413	3,105	970	1,856	719	1,184	633	220	182	7,746	2,916	10,662	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.2	0	0	19	16	56	32	134	39	106	34	86	54	61	60	463	234	697	

Table D-HC-A-17. Continued

CONDITION	AAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	1,726	1,471	--	--	--	--	--	--	--	--	--	--	--	--	--	1,726	1,471	3,197
Fetal alcohol syndrome	100.0	100.0	394	278	230	194	27	41	10	13	0	0	0	0	0	0	0	660	526	1,186
TOTAL	100.0	100.0	2,121	1,749	230	194	27	41	10	13	0	0	0	0	0	0	0	2,387	1,997	4,383
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	26.0	11.7	40	20	925	123	505	119	270	111	60	41	77	53	38	38	1,916	504	2,420	
Poisonings	7.8	6.6	0	0	39	23	33	23	34	54	17	20	12	19	9	17	145	156	301	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>4</i>	<i>3</i>	<i>14</i>	<i>11</i>	<i>31</i>	<i>22</i>	<i>22</i>	<i>15</i>	<i>15</i>	<i>1</i>	<i>2</i>	<i>2</i>	<i>3</i>	<i>1</i>	<i>90</i>	<i>55</i>	<i>145</i>	
Falls	7.5	2.7	0	0	123	32	195	74	375	344	250	144	340	188	520	497	1,803	1,279	3,082	
Fires	17.9	8.1	12	4	48	3	31	9	29	7	10	3	15	4	3	2	148	32	180	
Drownings	10.6	8.3	0	0	1	0	2	0	0	0	0	0	0	0	0	0	4	2	5	
Other unintentional injuries	13.1	10.3	784	174	1,451	829	2,109	1,642	3,954	3,158	2,802	1,747	3,560	2,656	2,116	2,652	16,775	12,859	29,634	
TOTAL	12.7	8.0	836	199	2,587	1,010	2,874	1,867	4,663	3,674	3,140	1,955	4,004	2,919	2,687	3,206	20,791	14,831	35,622	
INTENTIONAL INJURIES																				
Self-inflicted injuries	7.9	6.1	0	0	12	13	18	16	10	14	2	2	1	1	0	0	43	45	88	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>1</i>	<i>5</i>	<i>44</i>	<i>56</i>	<i>113</i>	<i>114</i>	<i>101</i>	<i>81</i>	<i>32</i>	<i>27</i>	<i>29</i>	<i>3</i>	<i>1</i>	<i>4</i>	<i>321</i>	<i>291</i>	<i>612</i>	
Homicide	16.0	15.4	12	7	197	71	164	57	73	25	26	6	20	9	16	21	508	196	704	
Other Intentional injuries	12.5	13.5	0	0	5	1	7	0	3	2	0	0	0	0	0	0	15	3	18	
TOTAL	10.3	7.1	12	7	215	84	189	73	86	40	28	7	21	9	16	22	566	244	810	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	1	14	5	21	14	18	44	27	2	29	2	1	1	112	68	180	
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
OVERALL			2,969	1,957	7,321	3,298	12,412	6,598	22,261	9,944	17,969	6,767	21,822	10,466	13,568	12,002	98,321	51,033	149,354	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-18. Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in Saskatchewan, 2002

CONDITION	AAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.2	19.2	0	0	2	1	19	6	90	22	79	20	59	21	18	12	267	82	349	
Oesophageal cancers	37.7	24.3	0	0	1	0	5	1	63	10	79	16	89	26	37	20	274	74	348	
Liver cancer	31.3	21.7	0	0	1	1	6	3	53	12	44	13	55	26	20	20	179	74	253	
Laryngeal cancer	43.0	31.1	0	0	0	0	5	0	28	5	50	8	42	12	19	3	143	28	171	
Breast cancer	--	6.4	--	0	--	1	--	15	--	50	--	36	--	40	--	38	--	180	180	
Other neoplasms	8.9	5.4	0	0	0	1	0	5	2	7	2	3	3	4	2	2	9	23	31	
TOTAL	34.9	10.7	0	0	3	4	35	30	236	107	254	96	248	130	96	95	872	461	1,333	
DIABETES																				
TOTAL (Diabetes Mellitus)	-5.1	-2.5	0	0	-27	-16	-131	-51	-443	-150	-505	-186	-617	-310	-341	-261	-2,064	-975	-3,039	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	112	51	293	137	457	163	277	94	241	77	77	39	1,456	562	2,018	
Alcohol dependence syndrome	100.0	100.0	0	0	181	102	668	389	1,205	459	896	289	755	266	226	113	3,932	1,619	5,551	
Alcohol abuse	100.0	100.0	0	0	290	167	434	261	485	209	267	101	280	109	107	76	1,863	923	2,786	
Unipolar major depression	10.3	2.5	0	0	99	25	156	46	190	58	105	36	140	65	102	80	791	309	1,100	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	1	0	12	8	65	22	77	27	45	17	11	3	210	78	288	
Epilepsy	41.7	32.2	0	0	103	72	168	99	229	151	137	102	143	138	78	119	856	682	1,538	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	2	3	20	22	41	12	30	0	1	3	96	39	135	
TOTAL	48.2	20.0	0	0	787	416	1,733	944	2,651	1,085	1,799	662	1,632	673	602	432	9,204	4,212	13,416	
CARDIO VASCULAR DISEASES																				
Hypertensive disease	23.3	8.0	0	0	82	18	317	92	1,579	401	2,073	613	2,923	1,247	2,032	1,628	9,005	3,999	13,005	
Ischaemic heart disease	-9.5	-5.0	0	0	-6	-1	-157	-33	-1,107	-215	-1,289	-364	-1,791	-692	-1,175	-834	-5,525	-2,141	-7,665	
Alcoholic cardiomyopathy	100.0	100.0	0	0	0	0	14	1	74	10	64	10	52	3	7	2	211	27	239	
Cardiac arrhythmias	25.9	17.4	0	0	68	27	133	61	721	225	1,165	443	2,202	1,250	1,841	1,986	6,130	3,991	10,121	
Cerebrovascular disease	2.9	-6.7	0	0	9	-15	22	-48	87	-119	123	-173	174	-389	119	-576	534	-1,321	-787	
Ischaemic stroke	-0.6	-8.4	0	0	0	-7	0	-19	-2	-42	-3	-42	-5	-54	-3	-52	-15	-216	-231	
Haemorrhagic stroke	9.2	-3.8	0	0	7	-6	24	-17	123	-37	227	-58	370	-148	292	-226	1,044	-491	553	
Oesophageal varices	54.0	42.1	0	0	3	1	14	7	59	20	38	15	28	17	13	9	154	69	224	
TOTAL	7.2	3.3	0	0	156	30	344	79	1,413	322	2,174	543	3,588	1,436	2,836	2,215	10,511	4,626	15,137	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	14	6	78	30	96	34	67	28	54	8	21	0	330	105	435	
Cirrhosis of the liver	58.2	45.1	0	0	33	6	197	108	786	265	537	223	381	225	100	89	2,033	916	2,949	
Cholelithiasis	-14.3	-7.8	0	0	-18	-47	-60	-73	-139	-95	-126	-63	-173	-95	-124	-106	-641	-479	-1,120	
Acute and chronic pancreatitis	24.3	12.0	0	0	36	21	119	47	204	76	104	41	90	50	49	45	601	280	881	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	4	2	55	13	74	24	29	7	16	2	1	1	179	49	228	
TOTAL	27.8	11.5	0	0	69	-13	389	125	1,020	305	610	235	367	189	47	30	2,502	872	3,373	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.2	0	0	5	4	14	8	34	10	27	9	22	14	15	15	117	59	176	

Table D-HC-A-18. Continued

CONDITION	AAF%		Number of hospital days														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	564	481	--	--	--	--	--	--	--	--	--	--	--	--	--	564	481	1,045
Fetal alcohol syndrome	100.0	100.0	111	78	65	55	8	11	3	4	0	0	0	0	0	0	0	186	148	334
TOTAL	100.0	100.0	675	559	65	55	8	11	3	4	0	0	0	0	0	0	0	750	629	1,379
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	26.0	11.7	17	8	378	50	207	48	110	45	24	17	31	22	16	16	783	206	989	
Poisonings	7.8	6.6	0	0	12	7	10	7	10	16	5	6	3	6	3	5	43	46	89	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>2</i>	<i>1</i>	<i>7</i>	<i>5</i>	<i>15</i>	<i>11</i>	<i>10</i>	<i>7</i>	<i>7</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>43</i>	<i>26</i>	<i>70</i>	
Falls	7.5	2.7	0	0	52	14	82	31	158	144	105	61	143	79	219	209	758	538	1,295	
Fires	17.9	8.1	4	1	16	1	10	3	10	2	3	1	5	1	1	1	49	11	60	
Drownings	10.6	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
Other unintentional injuries	13.1	10.3	299	67	554	317	805	627	1,510	1,206	1,070	667	1,359	1,014	808	1,012	6,405	4,909	11,314	
TOTAL	12.7	8.0	320	76	1,011	388	1,114	716	1,798	1,414	1,208	751	1,542	1,121	1,046	1,243	8,039	5,710	13,749	
INTENTIONAL INJURIES																				
Self-inflicted injuries	7.9	6.1	0	0	28	30	40	36	23	31	4	4	1	1	1	1	97	103	200	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>1</i>	<i>5</i>	<i>6</i>	<i>12</i>	<i>12</i>	<i>11</i>	<i>9</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>34</i>	<i>31</i>	<i>65</i>	
Homicide	16.0	15.4	5	3	88	31	73	25	32	11	11	2	9	4	7	9	226	87	313	
Other Intentional injuries	12.5	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
TOTAL	10.3	7.1	5	3	116	61	113	62	55	42	15	6	10	5	8	10	323	190	513	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	2	1	2	2	2	5	3	0	3	0	0	0	12	7	20	
Finding of alcohol in blood	100.0	100.0	1	1	26	2	42	18	32	8	11	2	2	3	3	0	117	34	151	
OVERALL			1,001	639	2,212	932	3,663	1,944	6,801	3,150	5,596	2,120	6,797	3,261	4,312	3,778	30,383	15,825	46,207	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-19. Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in Manitoba, 2002

CONDITION	AAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.2	19.2	0	0	2	1	21	7	101	25	88	22	67	23	20	14	300	92	392	
Oesophageal cancers	37.7	24.3	0	0	1	0	5	1	67	11	84	17	95	28	39	21	290	78	368	
Liver cancer	31.3	21.7	0	0	1	1	6	3	58	13	48	14	61	29	22	22	197	82	278	
Laryngeal cancer	43.0	31.1	0	0	0	0	7	0	38	7	67	10	57	16	26	4	194	37	232	
Breast cancer	--	6.4	--	0	--	1	--	16	--	55	--	39	--	44	--	41	--	197	197	
Other neoplasms	8.9	5.4	0	0	0	1	0	4	1	6	2	3	2	3	1	2	7	19	26	
TOTAL	34.9	10.7	0	0	4	4	40	31	265	116	289	106	280	144	109	104	988	505	1,493	
DIABETES																				
TOTAL (Diabetes Mellitus)	-5.1	-2.5	0	0	-26	-16	-131	-51	-441	-150	-504	-185	-616	-310	-340	-261	-2,058	-972	-3,031	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	132	60	345	162	538	193	326	111	284	91	90	46	1,716	662	2,378	
Alcohol dependence syndrome	100.0	100.0	0	0	192	108	709	413	1,279	487	951	307	801	283	240	120	4,173	1,718	5,891	
Alcohol abuse	100.0	100.0	0	0	415	238	621	373	693	299	382	145	400	156	153	108	2,663	1,319	3,982	
Unipolar major depression	10.3	2.5	0	0	150	38	236	70	288	88	159	54	212	98	154	121	1,200	469	1,669	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	2	0	15	11	81	27	96	34	56	21	13	3	262	97	359	
Epilepsy	41.7	32.2	0	0	122	85	199	118	271	179	162	121	169	164	93	141	1,015	808	1,823	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	1	1	11	12	21	6	16	0	1	1	50	21	70	
TOTAL	48.2	20.0	0	0	1,013	529	2,126	1,147	3,161	1,284	2,097	779	1,937	813	744	541	11,079	5,094	16,173	
CARDIO VASCULAR DISEASES																				
Hypertensive disease	23.3	8.0	0	0	77	17	299	87	1,490	379	1,956	579	2,758	1,177	1,917	1,536	8,497	3,773	12,270	
Ischaemic heart disease	-9.5	-5.0	0	0	-6	-1	-170	-36	-1,193	-232	-1,388	-393	-1,929	-746	-1,266	-898	-5,952	-2,306	-8,258	
Alcoholic cardiomyopathy	100.0	100.0	0	0	0	0	11	1	59	8	51	8	42	3	5	2	169	22	191	
Cardiac arrhythmias	25.9	17.4	0	0	78	31	153	69	826	258	1,333	507	2,521	1,431	2,107	2,273	7,018	4,570	11,588	
Cerebrovascular disease	2.9	-6.7	0	0	10	-17	25	-55	99	-135	140	-197	198	-442	135	-654	606	-1,499	-893	
<i>Ischaemic stroke</i>	-0.6	-8.4	0	0	0	-8	0	-22	-3	-51	-4	-51	-6	-65	-4	-63	-17	-259	-277	
<i>Haemorrhagic stroke</i>	9.2	-3.8	0	0	8	-6	26	-18	131	-39	241	-62	393	-157	310	-240	1,109	-522	587	
Oesophageal varices	54.0	42.1	0	0	4	1	18	9	75	25	48	19	35	22	16	11	195	87	282	
TOTAL	7.2	3.3	0	0	163	32	337	75	1,355	303	2,140	523	3,623	1,445	2,915	2,270	10,533	4,647	15,180	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	8	3	42	16	52	19	37	15	29	4	12	0	180	57	237	
Cirrhosis of the liver	58.2	45.1	0	0	38	7	230	126	917	309	626	260	444	262	116	104	2,371	1,068	3,440	
Cholelithiasis	-14.3	-7.8	0	0	-14	-37	-46	-56	-108	-73	-98	-49	-134	-74	-96	-82	-496	-371	-867	
Acute and chronic pancreatitis	24.3	12.0	0	0	36	21	120	47	206	77	105	41	90	50	49	46	606	282	888	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	6	3	83	20	112	37	43	10	25	4	2	1	272	75	346	
TOTAL	27.8	11.5	0	0	74	-3	429	153	1,179	368	713	278	454	246	83	69	2,932	1,112	4,044	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.2	0	0	6	5	18	10	43	12	33	11	27	17	19	19	147	74	221	

Table D-HC-A-19. Continued

CONDITION	AAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	621	529	--	--	--	--	--	--	--	--	--	--	--	--	--	621	529	1,150
Fetal alcohol syndrome	100.0	100.0	58	41	34	28	4	6	1	2	0	0	0	0	0	0	0	97	77	174
TOTAL	100.0	100.0	679	570	34	28	4	6	1	2	0	0	0	0	0	0	0	718	606	1,324
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	26.0	11.7	15	8	353	47	193	45	103	42	23	15	29	20	15	15	732	192	924	
Poisonings	7.8	6.6	0	0	12	7	10	7	11	17	5	6	4	6	3	5	44	48	92	
<i>Accidental poisoning & exposure to alcohol</i>	100.0	100.0	4	3	12	10	28	20	19	14	13	1	2	2	3	1	81	50	131	
Falls	7.5	2.7	0	0	58	15	92	35	178	163	119	68	161	89	246	235	854	606	1,459	
Fires	17.9	8.1	3	1	14	1	9	3	8	2	3	1	4	1	1	1	43	9	52	
Drownings	10.6	8.3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	1	3	
Other unintentional injuries	13.1	10.3	306	68	566	323	823	641	1,543	1,232	1,093	682	1,389	1,036	825	1,035	6,545	5,017	11,561	
TOTAL	12.7	8.0	325	77	1,004	394	1,128	731	1,843	1,456	1,243	772	1,587	1,152	1,090	1,290	8,219	5,873	14,092	
INTENTIONAL INJURIES																				
Self-inflicted injuries	7.9	6.1	0	0	56	60	81	73	46	63	8	8	3	2	1	1	195	207	402	
<i>Intentional self-poisoning by and exposure to alcohol</i>	100.0	100.0	0	1	12	15	31	31	28	22	9	7	8	1	0	1	88	80	168	
Homicide	16.0	15.4	3	2	54	19	45	16	20	7	7	2	6	2	4	6	139	53	192	
Other Intentional injuries	12.5	13.5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0	3	
TOTAL	10.3	7.1	3	2	111	79	126	89	66	70	15	9	8	5	6	7	336	261	597	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	4	1	5	4	5	11	7	1	7	0	0	0	28	17	45	
Finding of alcohol in blood	100.0	100.0	0	0	3	0	6	2	4	1	1	0	0	0	0	0	16	5	20	
OVERALL			1,007	649	2,389	1,054	4,088	2,197	7,481	3,473	6,035	2,294	7,310	3,514	4,626	4,041	32,937	17,222	50,158	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-20. Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in Ontario, 2002

CONDITION	AAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.2	19.2	0	0	19	11	190	64	902	218	785	196	593	208	181	124	2,670	822	3,492	
Oesophageal cancers	37.7	24.3	0	0	6	4	45	5	610	98	769	160	867	257	361	193	2,658	716	3,375	
Liver cancer	31.3	21.7	0	0	9	8	59	28	531	123	442	126	552	262	200	198	1,793	747	2,539	
Laryngeal cancer	43.0	31.1	0	0	0	2	63	3	364	62	641	99	541	153	248	38	1,857	357	2,214	
Breast cancer	--	6.4	--	0	--	7	--	143	--	490	--	348	--	393	--	367	--	1,747	1,747	
Other neoplasms	8.9	5.4	0	0	0	4	2	22	8	33	10	16	12	20	8	11	40	106	146	
TOTAL	34.9	10.7	0	0	34	35	359	267	2,415	1,025	2,647	944	2,565	1,293	998	931	9,018	4,495	13,513	
DIABETES																				
TOTAL (Diabetes Mellitus)	-5.1	-2.5	0	0	-227	-139	-1,121	-435	-3,774	-1,283	-4,309	-1,582	-5,265	-2,648	-2,909	-2,229	-17,605	-8,317	-25,921	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	1,021	466	2,673	1,251	4,166	1,491	2,525	859	2,198	706	700	355	13,282	5,127	18,409	
Alcohol dependence syndrome	100.0	100.0	0	0	1,428	803	5,264	3,066	9,497	3,618	7,057	2,280	5,949	2,098	1,783	890	30,978	12,756	43,734	
Alcohol abuse	100.0	100.0	0	0	2,494	1,432	3,732	2,243	4,169	1,799	2,297	872	2,404	936	919	650	16,015	7,932	23,946	
Unipolar major depression	10.3	2.5	0	0	1,196	304	1,879	556	2,296	697	1,266	431	1,686	783	1,227	964	9,552	3,736	13,288	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	18	0	152	107	817	277	973	346	566	216	133	34	2,659	980	3,639	
Epilepsy	41.7	32.2	0	0	1,027	715	1,679	990	2,283	1,509	1,364	1,022	1,424	1,384	780	1,192	8,556	6,812	15,368	
Alcoholic polyneuropathy	100.0	100.0	0	0	1	0	7	7	56	61	114	34	83	0	4	7	265	109	374	
TOTAL	48.2	20.0	0	0	7,184	3,720	15,386	8,221	23,285	9,452	15,596	5,844	14,309	6,122	5,547	4,093	81,306	37,452	118,758	
CARDIO VASCULAR DISEASES																				
Hypertensive disease	23.3	8.0	0	0	629	138	2,433	703	12,103	3,077	15,891	4,701	22,408	9,562	15,575	12,478	69,038	30,660	99,698	
Ischaemic heart disease	-9.5	-5.0	0	0	-59	-13	-1,545	-329	-10,867	-2,115	-12,647	-3,577	-17,578	-6,795	-11,530	-8,182	-54,225	-21,011	-75,236	
Alcoholic cardiomyopathy	100.0	100.0	0	0	1	0	77	7	403	55	350	56	284	19	37	13	1,152	150	1,302	
Cardiac arrhythmias	25.9	17.4	0	0	691	278	1,350	613	7,300	2,277	11,786	4,483	22,281	12,647	18,627	20,094	62,034	40,392	102,425	
Cerebrovascular disease	2.9	-6.7	0	0	86	-143	212	-462	832	-1,136	1,181	-1,661	1,668	-3,726	1,136	-5,520	5,115	-12,648	-7,533	
<i>Ischaemic stroke</i>	-0.6	-8.4	0	0	-1	-71	-4	-203	-26	-463	-33	-462	-55	-586	-38	-572	-158	-2,357	-2,515	
<i>Haemorrhagic stroke</i>	9.2	-3.8	0	0	66	-50	220	-149	1,110	-334	2,044	-525	3,337	-1,332	2,630	-2,034	9,406	-4,425	4,981	
Oesophageal varices	54.0	42.1	0	0	35	14	173	88	729	243	463	181	338	214	157	110	1,895	850	2,745	
TOTAL	7.2	3.3	0	0	1,382	275	2,700	620	10,500	2,402	17,023	4,183	29,402	11,920	24,001	18,993	85,009	38,392	123,401	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	41	17	223	86	274	98	193	79	155	22	62	1	947	302	1,249	
Cirrhosis of the liver	58.2	45.1	0	0	344	60	2,076	1,136	8,283	2,794	5,657	2,349	4,013	2,371	1,052	942	21,425	9,652	31,077	
Cholelithiasis	-14.3	-7.8	0	0	-109	-285	-360	-439	-843	-573	-763	-380	-1,047	-576	-752	-642	-3,875	-2,895	-6,770	
Acute and chronic pancreatitis	24.3	12.0	0	0	294	173	980	386	1,678	626	853	336	737	409	401	374	4,943	2,304	7,248	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	53	24	700	169	943	308	365	84	206	30	14	11	2,281	627	2,908	
TOTAL	27.8	11.5	0	0	622	-11	3,619	1,338	10,336	3,253	6,304	2,469	4,064	2,256	776	685	25,721	9,990	35,712	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.2	0	0	45	37	131	75	314	91	247	80	201	125	142	140	1,081	547	1,628	

Table D-HC-A-20. Continued

CONDITION	AAF%		Number of hospital days																TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birth weight & short gestation	6.8	6.8	5,857	4,991	--	--	--	--	--	--	--	--	--	--	--	--	--	5,857	4,991	10,849	
Fetal alcohol syndrome	100.0	100.0	110	78	64	54	8	11	3	4	0	0	0	0	0	0	0	185	147	332	
TOTAL	100.0	100.0	5,968	5,069	64	54	8	11	3	4	0	0	0	0	0	0	0	6,042	5,138	11,180	
UNINTENTIONAL INJURIES																					
Motor vehicle accidents	26.0	11.7	108	54	2,464	326	1,346	316	720	295	159	108	204	141	101	102		5,102	1,341	6,443	
Poisonings	7.8	6.6	0	0	88	52	75	51	78	123	40	46	26	44	21	38		329	355	684	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>7</i>	<i>5</i>	<i>24</i>	<i>19</i>	<i>55</i>	<i>39</i>	<i>38</i>	<i>27</i>	<i>26</i>	<i>2</i>	<i>4</i>	<i>4</i>	<i>5</i>	<i>2</i>		<i>159</i>	<i>97</i>	<i>257</i>	
Falls	7.5	2.7	0	0	475	125	753	286	1,450	1,329	968	558	1,316	727	2,013	1,924		6,975	4,948	11,923	
Fires	17.9	8.1	24	9	101	6	65	19	61	16	20	5	33	7	7	5		312	67	380	
Drownings	10.6	8.3	0	0	5	2	7	1	2	2	1	1	1	1	1	1		18	7	25	
Other unintentional injuries	13.1	10.3	2,536	564	4,694	2,683	6,823	5,314	12,796	10,219	9,067	5,654	11,520	8,594	6,846	8,580		54,283	41,609	95,892	
TOTAL	12.7	8.0	2,668	628	7,829	3,194	9,070	5,987	15,107	11,984	10,256	6,372	13,100	9,513	8,989	10,650		67,019	48,328	115,346	
INTENTIONAL INJURIES																					
Self-inflicted injuries	7.9	6.1	0	0	325	345	464	421	264	360	46	45	15	14	9	8		1,124	1,192	2,316	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>1</i>	<i>10</i>	<i>86</i>	<i>108</i>	<i>221</i>	<i>221</i>	<i>196</i>	<i>158</i>	<i>62</i>	<i>52</i>	<i>56</i>	<i>7</i>	<i>1</i>	<i>9</i>		<i>624</i>	<i>565</i>	<i>1,189</i>	
Homicide	16.0	15.4	22	14	359	129	300	104	133	45	47	10	37	16	28	39		927	357	1,283	
Other Intentional injuries	12.5	13.5	0	0	4	1	6	0	2	2	0	0	0	0	0	0		13	2	15	
TOTAL	10.3	7.1	22	14	689	474	770	525	400	407	93	55	53	30	37	46		2,064	1,551	3,615	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	2	20	7	31	21	26	62	39	3	41	2	2	1		160	98	258	
Finding of alcohol in blood	100.0	100.0	1	1	30	3	49	21	37	9	13	3	2	3	4	0		136	40	176	
OVERALL			8,659	5,712	17,672	7,648	31,002	16,651	58,648	27,405	47,910	18,370	58,472	28,616	37,588	33,312		259,951	137,715	397,666	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-21. Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in Quebec, 2002

CONDITION	AAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.2	19.2	0	0	14	8	138	47	655	159	570	142	431	151	131	90	1,938	596	2,535	
Oesophageal cancers	37.7	24.3	0	0	4	3	32	4	430	69	542	112	611	181	255	136	1,874	505	2,379	
Liver cancer	31.3	21.7	0	0	6	6	42	20	376	87	313	90	391	186	142	141	1,271	529	1,800	
Laryngeal cancer	43.0	31.1	0	0	0	1	43	2	246	42	433	67	366	103	167	26	1,256	241	1,497	
Breast cancer	--	6.4	--	0	--	5	--	105	--	358	--	254	--	287	--	268	--	1,275	1,275	
Other neoplasms	8.9	5.4	0	0	0	4	2	25	8	38	12	18	13	22	10	13	45	120	165	
TOTAL	34.9	10.7	0	0	24	26	256	203	1,716	752	1,870	683	1,812	931	705	673	6,384	3,267	9,651	
DIABETES																				
TOTAL (Diabetes Mellitus)	-5.1	-2.5	0	0	-171	-105	-847	-329	-2,853	-970	-3,257	-1,196	-3,979	-2,001	-2,199	-1,685	-13,306	-6,286	-19,592	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	852	389	2,232	1,044	3,479	1,245	2,108	717	1,835	589	584	296	11,091	4,281	15,372	
Alcohol dependence syndrome	100.0	100.0	0	0	1,244	699	4,584	2,670	8,270	3,150	6,145	1,986	5,180	1,827	1,553	775	26,975	11,107	38,083	
Alcohol abuse	100.0	100.0	0	0	2,680	1,539	4,012	2,411	4,481	1,934	2,469	937	2,583	1,006	988	699	17,214	8,526	25,739	
Unipolar major depression	10.3	2.5	0	0	972	247	1,526	452	1,865	566	1,029	350	1,370	636	997	783	7,758	3,034	10,792	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	11	0	97	68	521	177	620	221	361	137	85	22	1,694	625	2,319	
Epilepsy	41.7	32.2	0	0	788	549	1,288	760	1,751	1,157	1,046	783	1,092	1,061	598	915	6,562	5,225	11,787	
Alcoholic polyneuropathy	100.0	100.0	0	0	1	0	8	9	69	75	138	41	101	0	5	9	322	133	455	
TOTAL	48.2	20.0	0	0	6,548	3,423	13,747	7,414	20,435	8,303	13,555	5,035	12,522	5,257	4,810	3,499	71,617	32,931	104,548	
CARDIO VASCULAR DISEASES																				
Hypertensive disease	23.3	8.0	0	0	500	110	1,936	559	9,629	2,448	12,643	3,740	17,828	7,608	12,391	9,927	54,926	24,393	79,319	
Ischaemic heart disease	-9.5	-5.0	0	0	-42	-9	-1,096	-233	-7,710	-1,501	-8,974	-2,538	-12,472	-4,822	-8,181	-5,805	-38,475	-14,908	-53,383	
Alcoholic cardiomyopathy	100.0	100.0	0	0	1	0	73	6	383	52	332	53	270	18	35	13	1,094	142	1,236	
Cardiac arrhythmias	25.9	17.4	0	0	505	203	987	448	5,339	1,666	8,620	3,279	16,295	9,250	13,623	14,696	45,369	29,541	74,910	
Cerebrovascular disease	2.9	-6.7	0	0	66	-109	163	-354	638	-870	905	-1,273	1,278	-2,855	870	-4,230	3,920	-9,692	-5,772	
<i>Ischaemic stroke</i>	-0.6	-8.4	0	0	-1	-51	-3	-144	-19	-329	-23	-328	-39	-417	-27	-407	-113	-1,677	-1,789	
<i>Haemorrhagic stroke</i>	9.2	-3.8	0	0	50	-38	167	-114	846	-255	1,557	-400	2,543	-1,015	2,004	-1,550	7,167	-3,372	3,796	
Oesophageal varices	54.0	42.1	0	0	23	9	115	59	484	162	307	120	225	142	105	73	1,259	565	1,824	
TOTAL	7.2	3.3	0	0	1,053	204	2,177	485	8,762	1,957	13,833	3,381	23,424	9,340	18,843	14,673	68,092	30,041	98,133	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	50	21	274	105	336	120	236	97	189	27	76	1	1,161	371	1,531	
Cirrhosis of the liver	58.2	45.1	0	0	246	43	1,485	813	5,926	1,999	4,048	1,681	2,871	1,696	753	674	15,330	6,906	22,236	
Cholelithiasis	-14.3	-7.8	0	0	-90	-236	-298	-364	-698	-475	-632	-314	-867	-477	-623	-532	-3,209	-2,398	-5,607	
Acute and chronic pancreatitis	24.3	12.0	0	0	233	137	776	306	1,330	496	676	266	584	324	318	296	3,917	1,826	5,743	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	41	19	539	130	727	237	281	65	159	23	11	8	1,757	483	2,239	
TOTAL	27.8	11.5	0	0	479	-17	2,776	991	7,621	2,378	4,609	1,794	2,937	1,593	534	448	18,955	7,188	26,143	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.2	0	0	40	32	115	65	275	80	216	70	176	110	125	123	947	480	1,427	

Table D-HC-A-21. Continued

CONDITION	AAF%		Number of hospital days																TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birth weight & short gestation	6.8	6.8	4,014	3,420	--	--	--	--	--	--	--	--	--	--	--	--	--	4,014	3,420	7,435	
Fetal alcohol syndrome	100.0	100.0	374	264	218	184	26	39	9	12	0	0	0	0	0	0	0	627	499	1,126	
TOTAL	100.0	100.0	4,388	3,685	218	184	26	39	9	12	0	0	0	0	0	0	0	4,641	3,919	8,560	
UNINTENTIONAL INJURIES																					
Motor vehicle accidents	26.0	11.7	100	50	2,284	303	1,248	293	667	273	148	100	189	130	94	95	4,730	1,243	5,973		
Poisonings	7.8	6.6	0	0	77	46	66	45	68	108	35	41	23	38	18	33	287	310	598		
<i>Accidental poisoning & exposure to alcohol</i>	100.0	100.0	23	16	80	64	181	130	125	88	87	5	13	12	16	6	526	321	847		
Falls	7.5	2.7	0	0	376	99	596	226	1,148	1,052	766	441	1,041	575	1,592	1,522	5,519	3,915	9,434		
Fires	17.9	8.1	21	8	90	5	58	17	54	14	18	5	29	7	6	4	276	60	336		
Drownings	10.6	8.3	0	0	4	1	5	1	1	1	1	0	1	0	1	1	12	5	17		
Other unintentional injuries	13.1	10.3	1,977	440	3,659	2,091	5,318	4,142	9,973	7,965	7,067	4,406	8,978	6,698	5,336	6,688	42,308	32,430	74,738		
TOTAL	12.7	8.0	2,098	498	6,490	2,545	7,290	4,723	11,912	9,413	8,034	4,994	10,261	7,449	7,048	8,342	53,133	37,963	91,096		
INTENTIONAL INJURIES																					
Self-inflicted injuries	7.9	6.1	0	0	364	387	521	472	297	404	52	51	17	16	10	9	1,261	1,338	2,599		
<i>Intentional self-poisoning by and exposure to alcohol</i>	100.0	100.0	1	10	79	99	202	202	179	145	57	48	51	6	1	8	570	517	1,087		
Homicide	16.0	15.4	21	13	348	125	291	101	129	44	45	10	36	16	28	38	898	346	1,244		
Other Intentional injuries	12.5	13.5	0	0	5	1	6	0	3	2	0	0	0	0	0	0	14	2	17		
TOTAL	10.3	7.1	21	13	718	512	818	573	428	450	98	61	53	31	37	46	2,173	1,686	3,859		
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	1	2	23	7	34	23	29	70	44	4	46	3	2	1	179	110	289		
Finding of alcohol in blood	100.0	100.0	1	0	22	2	36	16	27	7	9	2	2	2	3	0	101	30	130		
OVERALL			6,509	4,198	15,442	6,814	26,429	14,203	48,362	22,451	39,013	14,828	47,254	22,714	29,907	26,121	212,916	111,328	324,245		

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-22. Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in New Brunswick, 2002

CONDITION	AAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.2	19.2	0	0	1	1	14	5	66	16	57	14	43	15	13	9	195	60	255	
Oesophageal cancers	37.7	24.3	0	0	0	0	3	0	43	7	55	11	62	18	26	14	189	51	240	
Liver cancer	31.3	21.7	0	0	1	1	4	2	38	9	32	9	39	19	14	14	128	53	181	
Laryngeal cancer	43.0	31.1	0	0	0	0	4	0	25	4	44	7	37	10	17	3	127	24	151	
Breast cancer	--	6.4	--	0	--	0	--	11	--	36	--	26	--	29	--	27	--	129	129	
Other neoplasms	8.9	5.4	0	0	0	0	0	3	1	4	1	2	1	2	1	1	5	12	17	
TOTAL	34.9	10.7	0	0	2	3	26	20	173	76	189	69	183	94	71	68	643	329	973	
DIABETES																				
TOTAL (Diabetes Mellitus)	-5.1	-2.5	0	0	-17	-11	-85	-33	-288	-98	-328	-121	-401	-202	-222	-170	-1,341	-634	-1,975	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	86	39	225	105	351	125	213	72	185	59	59	30	1,118	432	1,549	
Alcohol dependence syndrome	100.0	100.0	0	0	125	70	462	269	834	318	619	200	522	184	157	78	2,719	1,120	3,839	
Alcohol abuse	100.0	100.0	0	0	270	155	404	243	452	195	249	94	260	101	100	70	1,735	859	2,594	
Unipolar major depression	10.3	2.5	0	0	98	25	154	46	188	57	104	35	138	64	100	79	782	306	1,088	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	1	0	10	7	53	18	62	22	36	14	9	2	171	63	234	
Epilepsy	41.7	32.2	0	0	79	55	130	77	176	117	105	79	110	107	60	92	661	527	1,188	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	1	1	7	8	14	4	10	0	1	1	32	13	46	
TOTAL	48.2	20.0	0	0	660	345	1,386	747	2,060	837	1,366	508	1,262	530	485	353	7,219	3,319	10,538	
CARDIO VASCULAR DISEASES																				
Hypertensive disease	23.3	8.0	0	0	50	11	195	56	971	247	1,274	377	1,797	767	1,249	1,001	5,536	2,459	7,995	
Ischaemic heart disease	-9.5	-5.0	0	0	-4	-1	-110	-23	-777	-151	-904	-256	-1,257	-486	-825	-585	-3,878	-1,503	-5,381	
Alcoholic cardiomyopathy	100.0	100.0	0	0	0	0	7	1	39	5	33	5	27	2	4	1	110	14	125	
Cardiac arrhythmias	25.9	17.4	0	0	51	20	99	45	538	168	869	330	1,642	932	1,373	1,481	4,573	2,978	7,551	
Cerebrovascular disease	2.9	-6.7	0	0	7	-11	16	-36	64	-88	91	-128	129	-288	88	-426	395	-977	-582	
<i>Ischaemic stroke</i>	-0.6	-8.4	0	0	0	-5	0	-15	-2	-33	-2	-33	-4	-42	-3	-41	-11	-169	-180	
<i>Haemorrhagic stroke</i>	9.2	-3.8	0	0	5	-4	17	-11	85	-26	157	-40	256	-102	202	-156	722	-340	383	
Oesophageal varices	54.0	42.1	0	0	2	1	12	6	49	16	31	12	23	14	11	7	127	57	184	
TOTAL	7.2	3.3	0	0	106	21	219	49	883	197	1,394	341	2,361	941	1,899	1,479	6,863	3,028	9,891	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	5	2	28	11	34	12	24	10	19	3	8	0	117	37	154	
Cirrhosis of the liver	58.2	45.1	0	0	25	4	150	82	597	202	408	169	289	171	76	68	1,545	696	2,241	
Cholelithiasis	-14.3	-7.8	0	0	-9	-24	-30	-37	-70	-48	-64	-32	-87	-48	-63	-54	-323	-242	-565	
Acute and chronic pancreatitis	24.3	12.0	0	0	23	14	78	31	134	50	68	27	59	33	32	30	395	184	579	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	4	2	54	13	73	24	28	7	16	2	1	1	177	49	226	
TOTAL	27.8	11.5	0	0	48	-2	280	100	768	240	465	181	296	161	54	45	1,911	724	2,635	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.2	0	0	4	3	12	7	28	8	22	7	18	11	13	12	95	48	144	

Table D-HC-A-22. Continued

CONDITION	AAF%		Number of hospital days																TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birth weight & short gestation	6.8	6.8	405	345	--	--	--	--	--	--	--	--	--	--	--	--	--	405	345	749	
Fetal alcohol syndrome	100.0	100.0	38	27	22	19	3	4	1	1	0	0	0	0	0	0	0	63	50	113	
TOTAL	100.0	100.0	442	371	22	19	3	4	1	1	0	0	0	0	0	0	0	468	395	863	
UNINTENTIONAL INJURIES																					
Motor vehicle accidents	26.0	11.7	10	5	230	30	126	30	67	28	15	10	19	13	9	10		477	125	602	
Poisonings	7.8	6.6	0	0	8	5	7	5	7	11	3	4	2	4	2	3		29	31	60	
<i>Accidental poisoning & exposure to alcohol</i>	100.0	100.0	2	2	8	6	18	13	13	9	9	1	1	1	2	1		53	32	85	
Falls	7.5	2.7	0	0	38	10	60	23	116	106	77	44	105	58	161	153		556	395	951	
Fires	17.9	8.1	2	1	9	1	6	2	5	1	2	0	3	1	1	0		28	6	34	
Drownings	10.6	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1	0	2	
Other unintentional injuries	13.1	10.3	199	44	369	211	536	418	1,005	803	712	444	905	675	538	674		4,264	3,269	7,533	
TOTAL	12.7	8.0	211	50	654	256	735	476	1,201	949	810	503	1,034	751	710	841		5,356	3,827	9,182	
INTENTIONAL INJURIES																					
Self-inflicted injuries	7.9	6.1	0	0	37	39	53	48	30	41	5	5	2	2	1	1		127	135	262	
<i>Intentional self-poisoning by and exposure to alcohol</i>	100.0	100.0	0	1	8	10	20	20	18	15	6	5	5	1	0	1		57	52	110	
Homicide	16.0	15.4	2	1	35	13	29	10	13	4	5	1	4	2	3	4		91	35	125	
Other Intentional injuries	12.5	13.5	0	0	0	0	1	0	0	0	0	0	0	0	0	0		1	0	2	
TOTAL	10.3	7.1	2	1	72	52	82	58	43	45	10	6	5	3	4	5		219	170	389	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	2	1	3	2	3	7	4	0	5	0	0	0		18	11	29	
Finding of alcohol in blood	100.0	100.0	0	0	2	0	4	2	3	1	1	0	0	0	0	0		10	3	13	
OVERALL			656	423	1,556	687	2,664	1,432	4,875	2,263	3,932	1,495	4,763	2,289	3,014	2,633		21,461	11,221	32,682	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-23. Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in Nova Scotia, 2002

CONDITION	AAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.2	19.2	0	0	3	1	25	9	121	29	105	26	80	28	24	17	358	110	468	
Oesophageal cancers	37.7	24.3	0	0	1	0	5	1	72	12	91	19	103	30	43	23	315	85	400	
Liver cancer	31.3	21.7	0	0	1	1	5	3	48	11	40	11	49	23	18	18	160	67	227	
Laryngeal cancer	43.0	31.1	0	0	0	0	10	0	56	10	98	15	83	24	38	6	285	55	340	
Breast cancer	--	6.4	--	0	--	1	--	22	--	76	--	54	--	61	--	57	--	269	269	
Other neoplasms	8.9	5.4	0	0	0	1	0	3	1	5	2	2	2	3	1	2	6	16	22	
TOTAL	34.9	10.7	0	0	4	4	46	38	298	142	336	128	317	169	124	121	1,125	602	1,727	
DIABETES																				
TOTAL (Diabetes Mellitus)	-5.1	-2.5	0	0	-23	-14	-113	-44	-381	-130	-435	-160	-532	-267	-294	-225	-1,778	-840	-2,618	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	61	28	160	75	249	89	151	51	131	42	42	21	794	306	1,100	
Alcohol dependence syndrome	100.0	100.0	0	0	156	88	574	335	1,036	395	770	249	649	229	195	97	3,381	1,392	4,773	
Alcohol abuse	100.0	100.0	0	0	246	141	368	221	411	178	227	86	237	92	91	64	1,580	783	2,363	
Unipolar major depression	10.3	2.5	0	0	94	24	148	44	180	55	100	34	133	62	96	76	751	294	1,044	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	2	0	14	10	73	25	87	31	50	19	12	3	237	87	324	
Epilepsy	41.7	32.2	0	0	124	86	202	119	275	182	164	123	171	167	94	144	1,030	820	1,850	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	1	1	7	8	14	4	11	0	1	1	34	14	47	
TOTAL	48.2	20.0	0	0	682	367	1,467	804	2,232	930	1,513	578	1,383	611	530	406	7,806	3,696	11,502	
CARDIO VASCULAR DISEASES																				
Hypertensive disease	23.3	8.0	0	0	58	13	224	65	1,115	283	1,464	433	2,064	881	1,435	1,149	6,360	2,824	9,184	
Ischaemic heart disease	-9.5	-5.0	0	0	-6	-1	-164	-35	-1,151	-224	-1,339	-379	-1,862	-720	-1,221	-867	-5,743	-2,225	-7,968	
Alcoholic cardiomyopathy	100.0	100.0	0	0	0	0	8	1	40	5	35	6	28	2	4	1	114	15	129	
Cardiac arrhythmias	25.9	17.4	0	0	71	29	139	63	751	234	1,213	461	2,293	1,302	1,917	2,068	6,384	4,157	10,541	
Cerebrovascular disease	2.9	-6.7	0	0	9	-15	22	-48	86	-118	123	-172	173	-387	118	-573	531	-1,313	-782	
Ischaemic stroke	-0.6	-8.4	0	0	0	-6	0	-18	-2	-41	-3	-40	-5	-51	-3	-50	-14	-206	-220	
Haemorrhagic stroke	9.2	-3.8	0	0	7	-5	24	-16	121	-36	223	-57	364	-145	287	-222	1,025	-482	543	
Oesophageal varices	54.0	42.1	0	0	3	1	15	7	62	21	39	15	29	18	13	9	161	72	233	
TOTAL	7.2	3.3	0	0	135	26	244	53	904	202	1,534	364	2,726	1,096	2,265	1,789	7,807	3,530	11,337	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	4	1	20	8	24	9	17	7	14	2	5	0	83	26	109	
Cirrhosis of the liver	58.2	45.1	0	0	26	4	155	85	617	208	422	175	299	177	78	70	1,597	719	2,316	
Cholelithiasis	-14.3	-7.8	0	0	-13	-37	-46	-56	-108	-74	-98	-49	-134	-74	-97	-82	-497	-372	-868	
Acute and chronic pancreatitis	24.3	12.0	0	0	36	21	119	47	204	76	104	41	90	50	49	45	601	280	881	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	5	2	65	16	88	29	34	8	19	3	1	1	212	58	270	
TOTAL	27.8	11.5	0	0	57	-7	312	99	825	248	478	182	287	157	37	34	1,996	713	2,709	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.2	0	0	8	6	22	13	53	15	42	14	34	21	24	24	183	93	276	

Table D-HC-A-23. Continued

CONDITION	AAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	674	575	--	--	--	--	--	--	--	--	--	--	--	--	--	674	575	1,249
Fetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	100.0	100.0	674	575	0	0	0	0	0	0	0	0	0	0	0	0	0	674	575	1,249
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	26.0	11.7	29	14	661	88	361	85	193	79	43	29	55	38	27	27	1,369	360	1,728	
Poisonings	7.8	6.6	0	0	7	4	6	4	6	10	3	4	2	4	2	3	26	28	55	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>2</i>	<i>1</i>	<i>6</i>	<i>5</i>	<i>13</i>	<i>9</i>	<i>9</i>	<i>6</i>	<i>6</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>37</i>	<i>23</i>	<i>60</i>	
Falls	7.5	2.7	0	0	53	14	85	32	163	149	109	63	148	82	226	216	783	555	1,339	
Fires	17.9	8.1	4	2	17	1	11	3	10	3	3	1	5	1	1	1	51	11	62	
Drownings	10.6	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other unintentional injuries	13.1	10.3	317	71	587	336	854	665	1,601	1,279	1,134	707	1,441	1,075	857	1,073	6,791	5,206	11,997	
TOTAL	12.7	8.0	350	87	1,325	442	1,316	789	1,973	1,519	1,292	804	1,651	1,199	1,113	1,321	9,021	6,160	15,181	
INTENTIONAL INJURIES																				
Self-inflicted injuries	7.9	6.1	0	0	37	39	52	47	30	41	5	5	2	2	1	1	126	134	261	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>1</i>	<i>7</i>	<i>9</i>	<i>18</i>	<i>18</i>	<i>16</i>	<i>13</i>	<i>5</i>	<i>4</i>	<i>4</i>	<i>1</i>	<i>0</i>	<i>1</i>	<i>50</i>	<i>45</i>	<i>95</i>	
Homicide	16.0	15.4	2	1	34	12	28	10	13	4	4	1	4	2	3	4	88	34	121	
Other intentional injuries	12.5	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	10.3	7.1	2	1	71	51	81	57	42	45	10	6	5	3	4	5	214	168	382	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	3	1	4	3	3	8	5	0	5	0	0	0	21	13	35	
Finding of alcohol in blood	100.0	100.0	0	0	3	0	6	3	4	1	1	0	0	0	0	0	16	5	20	
OVERALL			1,027	663	2,264	877	3,384	1,814	5,953	2,982	4,776	1,916	5,876	2,990	3,804	3,474	27,086	14,715	41,800	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-24. Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in Prince Edward Island, 2002

CONDITION	AAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.2	19.2	0	0	0	0	2	1	10	2	9	2	7	2	2	1	30	9	39	
Oesophageal cancers	37.7	24.3	0	0	0	0	1	0	15	2	19	4	21	6	9	5	65	18	83	
Liver cancer	31.3	21.7	0	0	0	0	1	0	6	1	5	1	7	3	2	2	21	9	30	
Laryngeal cancer	43.0	31.1	0	0	0	0	1	0	4	1	8	1	7	2	3	0	23	4	27	
Breast cancer	--	6.4	--	0	--	0	--	3	--	10	--	7	--	8	--	8	--	37	37	
Other neoplasms	8.9	5.4	0	0	0	0	0	1	0	2	1	1	1	1	1	1	2	7	9	
TOTAL	34.9	10.7	0	0	0	1	5	6	36	19	41	17	42	23	17	17	141	83	224	
DIABETES																				
TOTAL (Diabetes Mellitus)	-5.1	-2.5	0	0	-5	-3	-26	-10	-87	-29	-99	-36	-121	-61	-67	-51	-405	-191	-596	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	18	8	47	22	73	26	44	15	39	12	12	6	233	90	323	
Alcohol dependence syndrome	100.0	100.0	0	0	36	21	134	78	243	92	180	58	152	54	46	23	791	326	1,117	
Alcohol abuse	100.0	100.0	0	0	51	29	77	46	86	37	47	18	49	19	19	13	328	163	491	
Unipolar major depression	10.3	2.5	0	0	33	8	52	15	63	19	35	12	46	22	34	27	263	103	366	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	0	0	1	1	5	2	6	2	4	1	1	0	17	6	23	
Epilepsy	41.7	32.2	0	0	20	14	33	20	45	30	27	20	28	27	15	24	169	134	303	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	48.2	20.0	0	0	159	81	344	182	515	206	340	125	318	135	127	93	1,802	822	2,623	
CARDIO VASCULAR DISEASES																				
Hypertensive disease	23.3	8.0	0	0	13	3	49	14	244	62	320	95	452	193	314	252	1,392	618	2,010	
Ischaemic heart disease	-9.5	-5.0	0	0	-1	0	-27	-6	-192	-37	-223	-63	-310	-120	-204	-144	-957	-371	-1,328	
Alcoholic cardiomyopathy	100.0	100.0	0	0	0	0	1	0	3	0	2	0	2	0	0	0	8	1	9	
Cardiac arrhythmias	25.9	17.4	0	0	9	4	18	8	100	31	161	61	304	173	254	275	848	552	1,399	
Cerebrovascular disease	2.9	-6.7	0	0	2	-4	6	-13	23	-32	33	-46	47	-104	32	-154	143	-353	-210	
Ischaemic stroke	-0.6	-8.4	0	0	0	-1	0	-2	0	-6	0	-6	-1	-7	0	-7	-2	-28	-30	
Haemorrhagic stroke	9.2	-3.8	0	0	2	-2	7	-5	36	-11	67	-17	109	-44	86	-67	308	-145	163	
Oesophageal varices	54.0	42.1	0	0	1	0	3	1	11	4	7	3	5	3	2	2	29	13	42	
TOTAL	7.2	3.3	0	0	24	3	49	5	189	28	301	50	500	145	399	229	1,462	460	1,922	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	1	1	8	3	9	3	7	3	5	1	2	0	32	10	43	
Cirrhosis of the liver	58.2	45.1	0	0	4	1	27	15	106	36	72	30	51	30	13	12	274	123	397	
Cholelithiasis	-14.3	-7.8	0	0	-3	-9	-11	-14	-26	-18	-24	-12	-32	-18	-23	-20	-120	-90	-210	
Acute and chronic pancreatitis	24.3	12.0	0	0	8	5	27	11	47	17	24	9	20	11	11	10	137	64	201	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	0	0	3	1	4	1	2	0	1	0	0	0	10	3	13	
TOTAL	27.8	11.5	0	0	11	-3	53	15	140	40	81	31	45	25	3	3	333	111	444	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.2	0	0	1	1	3	2	8	2	6	2	5	3	4	4	28	14	42	

Table D-HC-A-24. Continued

CONDITION	AAF%		Number of days														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birth weight & short gestation	6.8	6.8	49	42	--	--	--	--	--	--	--	--	--	--	--	--	49	42	90
Fetal alcohol syndrome	100.0	100.0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	3	3	6
TOTAL	100.0	100.0	51	43	1	1	0	0	0	0	0	0	0	0	0	0	52	44	96
UNINTENTIONAL INJURIES																			
Motor vehicle accidents	26.0	11.7	2	1	57	8	31	7	17	7	4	3	5	3	2	2	119	31	150
Poisonings	7.8	6.6	0	0	1	1	1	1	1	1	0	0	0	0	0	0	3	4	7
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	0	0	1	0	1	1	1	1	1	0	0	0	0	0	4	2	6
Falls	7.5	2.7	0	0	10	3	15	6	29	27	20	11	27	15	41	39	142	100	242
Fires	17.9	8.1	0	0	2	0	1	0	1	0	0	0	1	0	0	0	6	1	7
Drownings	10.6	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Other unintentional injuries	13.1	10.3	30	7	55	31	80	62	149	119	106	66	134	100	80	100	633	486	1,119
TOTAL	12.7	8.0	33	8	125	42	128	76	197	155	130	80	167	119	123	142	903	622	1,525
INTENTIONAL INJURIES																			
Self-inflicted injuries	7.9	6.1	0	0	6	6	8	7	5	6	1	1	0	0	0	0	20	21	40
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	0	0	1	1	2	2	1	1	0	0	0	0	0	0	4	4	8
Homicide	16.0	15.4	0	0	2	1	2	1	1	0	0	0	0	0	0	0	6	2	8
Other intentional injuries	12.5	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	10.3	7.1	0	0	8	7	10	8	5	7	1	1	1	0	0	0	25	23	48
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	3	1	4	3	4	9	6	1	6	0	0	0	23	14	38
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVERALL			83	51	327	130	572	287	1,008	437	806	270	962	390	607	437	4,365	2,002	6,367

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-25. Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in Newfoundland, 2002

CONDITION	AAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.2	19.2	0	0	1	1	14	5	68	16	59	15	44	16	14	9	200	62	261	
Oesophageal cancers	37.7	24.3	0	0	0	0	3	0	42	7	53	11	59	18	25	13	182	49	231	
Liver cancer	31.3	21.7	0	0	0	0	2	1	18	4	15	4	18	9	7	7	60	25	85	
Laryngeal cancer	43.0	31.1	0	0	0	0	5	0	26	5	46	7	39	11	18	3	134	26	160	
Breast cancer	--	6.4	--	0	--	1	--	11	--	37	--	26	--	30	--	28	--	133	133	
Other neoplasms	8.9	5.4	0	0	0	1	0	4	1	5	2	3	2	3	1	2	6	17	23	
TOTAL	34.9	10.7	0	0	2	3	24	21	155	74	174	66	163	86	64	61	583	311	894	
DIABETES																				
TOTAL (Diabetes Mellitus)	-5.1	-2.5	0	0	-20	-12	-98	-38	-331	-112	-378	-139	-462	-232	-255	-195	-1,544	-729	-2,273	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	44	20	114	53	178	64	108	37	94	30	30	15	568	219	787	
Alcohol dependence syndrome	100.0	100.0	0	0	51	29	187	109	338	129	251	81	212	75	63	32	1,102	454	1,556	
Alcohol abuse	100.0	100.0	0	0	87	50	130	78	145	63	80	30	84	33	32	23	557	276	833	
Unipolar major depression	10.3	2.5	0	0	65	16	102	30	124	38	69	23	91	42	66	52	517	202	719	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	0	0	2	1	9	3	11	4	6	2	1	0	29	11	40	
Epilepsy	41.7	32.2	0	0	93	65	153	90	208	137	124	93	129	126	71	108	778	620	1,398	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	48.2	20.0	0	0	340	180	687	362	1,002	433	642	268	616	308	264	230	3,551	1,781	5,333	
CARDIO VASCULAR DISEASES																				
Hypertensive disease	23.3	8.0	0	0	37	8	142	41	707	180	928	275	1,309	558	910	729	4,032	1,791	5,823	
Ischaemic heart disease	-9.5	-5.0	0	0	-4	-1	-107	-23	-754	-147	-877	-248	-1,220	-471	-800	-568	-3,762	-1,458	-5,220	
Alcoholic cardiomyopathy	100.0	100.0	0	0	0	0	4	0	19	3	17	3	13	1	2	1	55	7	62	
Cardiac arrhythmias	25.9	17.4	0	0	37	15	72	33	387	121	626	238	1,183	671	989	1,066	3,292	2,144	5,436	
Cerebrovascular disease	2.9	-6.7	0	0	5	-9	13	-28	50	-69	71	-100	101	-225	69	-333	309	-764	-455	
<i>Ischaemic stroke</i>	-0.6	-8.4	0	0	0	-3	0	-9	-1	-19	-1	-19	-2	-25	-2	-24	-7	-99	-106	
<i>Haemorrhagic stroke</i>	9.2	-3.8	0	0	5	-4	16	-11	83	-25	152	-39	248	-99	196	-151	700	-329	371	
Oesophageal varices	54.0	42.1	0	0	1	0	5	2	20	7	13	5	9	6	4	3	51	23	74	
TOTAL	7.2	3.3	0	0	75	14	128	26	429	95	777	172	1,395	540	1,173	898	3,977	1,743	5,720	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	4	2	25	10	30	11	21	9	17	2	7	0	105	34	139	
Cirrhosis of the liver	58.2	45.1	0	0	13	2	79	43	314	106	214	89	152	90	40	36	812	366	1,178	
Cholelithiasis	-14.3	-7.8	0	0	-10	-27	-34	-42	-80	-55	-73	-36	-100	-55	-72	-61	-370	-276	-646	
Acute and chronic pancreatitis	24.3	12.0	0	0	19	11	63	25	108	40	55	22	48	26	26	24	319	149	467	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	4	2	50	12	68	22	26	6	15	2	1	1	163	45	208	
TOTAL	27.8	11.5	0	0	30	-10	182	48	440	124	244	89	132	66	2	-1	1,029	316	1,345	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.2	0	0	6	5	17	10	40	12	32	10	26	16	18	18	139	70	210	

Table D-HC-A-25. Continued

CONDITION	AAF%		Number of hospital days																TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birth weight & short gestation	6.8	6.8	346	295	--	--	--	--	--	--	--	--	--	--	--	--	--	346	295	641	
Fetal alcohol syndrome	100.0	100.0	24	17	14	12	2	2	1	1	0	0	0	0	0	0	0	40	31	71	
TOTAL	100.0	100.0	370	312	14	12	2	2	1	1	0	0	0	0	0	0	0	386	327	713	
UNINTENTIONAL INJURIES																					
Motor vehicle accidents	26.0	11.7	6	3	137	18	75	18	40	16	9	6	11	8	6	6	284	75	359		
Poisonings	7.8	6.6	0	0	7	4	6	4	6	9	3	4	2	3	2	3	25	27	52		
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	3		
Falls	7.5	2.7	0	0	26	7	41	16	79	72	53	30	72	40	110	105	380	270	649		
Fires	17.9	8.1	2	1	10	1	7	2	6	2	2	1	3	1	1	0	31	7	38		
Drownings	10.6	8.3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	3	1	5		
Other unintentional injuries	13.1	10.3	140	31	260	148	377	294	708	565	502	313	637	475	379	475	3,003	2,302	5,304		
TOTAL	12.7	8.0	149	35	441	178	507	333	839	665	568	353	726	527	497	589	3,726	2,681	6,407		
INTENTIONAL INJURIES																					
Self-inflicted injuries	7.9	6.1	0	0	20	22	29	26	17	23	3	3	1	1	1	0	70	75	145		
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	0	1	5	6	13	13	12	9	4	3	3	0	0	1	37	33	70		
Homicide	16.0	15.4	1	0	12	4	10	4	5	2	2	0	1	1	1	1	32	12	44		
Other Intentional injuries	12.5	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TOTAL	10.3	7.1	1	0	33	26	39	30	21	24	5	3	2	1	2	2	102	87	189		
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	1	7	2	11	7	9	22	14	1	14	1	1	0	56	35	91		
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
OVERALL			520	348	927	397	1,499	800	2,605	1,338	2,078	824	2,613	1,313	1,765	1,603	12,007	6,622	18,629		

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-26. Continued

CONDITION	AAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	5	4	--	--	--	--	--	--	--	--	--	--	--	--	--	5	4	9
Fetal alcohol syndrome	100.0	100.0	6	5	4	3	0	1	0	0	0	0	0	0	0	0	0	11	9	20
TOTAL	100.0	100.0	11	9	4	3	0	1	0	0	0	0	0	0	0	0	0	16	13	29
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	26.0	11.7	0	0	6	1	3	1	2	1	0	0	0	0	0	0	0	12	3	15
Poisonings	7.8	6.6	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2	2	4
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Falls	7.5	2.7	0	0	1	0	2	1	4	4	3	2	4	2	6	5	20	14	34	
Fires	17.9	8.1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1	3	
Drownings	10.6	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other unintentional injuries	13.1	10.3	4	1	7	4	10	8	19	15	13	8	17	13	10	13	80	61	141	
TOTAL	12.7	8.0	4	1	15	5	16	10	26	20	17	10	22	15	16	19	116	81	197	
INTENTIONAL INJURIES																				
Self-inflicted injuries	7.9	6.1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	3	3	5	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	0	0	0	0	1	1	1	1	0	0	0	0	0	0	2	2	4	
Homicide	16.0	15.4	0	0	2	1	1	1	1	0	0	0	0	0	0	0	5	2	6	
Other Intentional injuries	12.5	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	10.3	7.1	0	0	3	1	3	1	1	1	0	0	0	0	0	0	7	4	12	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	2	
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			16	10	70	34	144	77	257	106	190	68	197	81	99	74	974	449	1,423	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-27. Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in Northwest Territories, 2002

CONDITION	AAF%		Number of hospital days														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
MALIGNANT NEOPLASMS																			
Mouth and oropharynx cancers	33.2	19.2	0	0	0	0	0	0	2	0	2	0	1	0	0	0	6	2	7
Oesophageal cancers	37.7	24.3	0	0	0	0	0	0	1	0	1	0	1	0	1	0	4	1	5
Liver cancer	31.3	21.7	0	0	0	0	0	0	4	1	3	1	4	2	2	2	14	6	19
Laryngeal cancer	43.0	31.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Breast cancer	--	6.4	--	0	--	0	--	1	--	4	--	3	--	4	--	3	--	16	16
Other neoplasms	8.9	5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL	34.9	10.7	0	0	0	0	1	2	7	6	6	5	7	6	2	5	23	25	48
DIABETES																			
TOTAL (Diabetes Mellitus)	-5.1	-2.5	0	0	-1	0	-3	-1	-11	-4	-12	-4	-15	-7	-8	-6	-50	-24	-73
NEURO-PSYCHIATRIC CONDITIONS																			
Alcoholic psychoses	100.0	100.0	0	0	48	22	126	59	196	70	119	40	104	33	33	17	626	242	867
Alcohol dependence syndrome	100.0	100.0	0	0	10	6	37	21	66	25	49	16	41	15	12	6	216	89	305
Alcohol abuse	100.0	100.0	0	0	19	11	28	17	31	14	17	7	18	7	7	5	120	60	180
Unipolar major depression	10.3	2.5	0	0	5	1	8	2	10	3	5	2	7	3	5	4	41	16	56
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Epilepsy	41.7	32.2	0	0	13	9	21	13	29	19	17	13	18	18	10	15	108	86	195
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	48.2	20.0	0	0	95	49	220	112	333	131	208	78	188	76	67	47	1,111	492	1,603
CARDIO VASCULAR DISEASES																			
Hypertensive disease	23.3	8.0	0	0	0	0	2	0	9	2	11	3	16	7	11	9	49	22	70
Ischaemic heart disease	-9.5	-5.0	0	0	0	0	-1	0	-8	-2	-9	-3	-13	-5	-8	-6	-40	-15	-55
Alcoholic cardiomyopathy	100.0	100.0	0	0	0	0	3	0	18	2	15	2	12	1	2	1	50	7	57
Cardiac arrhythmias	25.9	17.4	0	0	0	0	1	0	5	2	8	3	15	9	13	14	43	28	71
Cerebrovascular disease	2.9	-6.7	0	0	0	0	1	-1	2	-3	3	-4	4	-9	3	-13	12	-30	-18
<i>Ischaemic stroke</i>	-0.6	-8.4	0	0	0	0	0	0	0	-1	0	-1	0	-1	0	-1	0	-3	-3
<i>Haemorrhagic stroke</i>	9.2	-3.8	0	0	0	0	1	0	3	-1	5	-1	9	-3	7	-5	24	-11	13
Oesophageal varices	54.0	42.1	0	0	0	0	0	0	1	0	1	0	1	0	0	0	3	2	5
TOTAL	7.2	3.3	0	0	1	0	6	0	27	2	29	3	35	3	20	4	118	12	130
DIGESTIVE DISEASES																			
Alcoholic gastritis	100.0	100.0	0	0	3	1	19	7	23	8	16	7	13	2	5	0	80	25	105
Cirrhosis of the liver	58.2	45.1	0	0	1	0	4	2	16	6	11	5	8	5	2	2	42	19	61
Cholelithiasis	-14.3	-7.8	0	0	-1	-2	-2	-2	-4	-3	-4	-2	-6	-3	-4	-3	-21	-15	-36
Acute and chronic pancreatitis	24.3	12.0	0	0	1	0	2	1	4	1	2	1	2	1	1	1	12	5	17
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	1	3
TOTAL	27.8	11.5	0	0	4	0	24	8	40	12	26	10	17	4	4	-1	115	35	151
SKIN DISEASES																			
TOTAL (Psoriasis)	26.3	16.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1

Table D-HC-A-27. Continued

CONDITION	AAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	17	14	--	--	--	--	--	--	--	--	--	--	--	--	--	17	14	31
Fetal alcohol syndrome	100.0	100.0	22	15	13	11	1	2	1	1	0	0	0	0	0	0	0	36	29	65
TOTAL	100.0	100.0	38	29	13	11	1	2	1	1	0	0	0	0	0	0	53	43	96	
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	26.0	11.7	0	0	3	0	2	0	1	0	0	0	0	0	0	0	0	7	2	9
Poisonings	7.8	6.6	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	2	3
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>3</i>	<i>2</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>7</i>	<i>5</i>	<i>12</i>
Falls	7.5	2.7	0	0	1	0	2	1	4	4	3	2	4	2	6	6	20	14	35	
Fires	17.9	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drownings	10.6	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other unintentional injuries	13.1	10.3	4	1	7	4	10	8	19	15	13	8	17	13	10	13	80	62	142	
TOTAL	12.7	8.0	4	1	12	5	15	9	25	20	17	10	21	15	16	19	110	80	189	
INTENTIONAL INJURIES																				
Self-inflicted injuries	7.9	6.1	0	0	2	2	2	2	1	2	0	0	0	0	0	0	0	6	6	12
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>3</i>	<i>3</i>	<i>6</i>	<i>7</i>	<i>6</i>	<i>5</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>18</i>	<i>17</i>	<i>35</i>	
Homicide	16.0	15.4	0	0	7	3	6	2	3	1	1	0	1	0	1	1	19	7	27	
Other Intentional injuries	12.5	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	10.3	7.1	0	0	9	4	9	4	4	3	1	0	1	0	1	1	25	14	39	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVERALL			43	31	134	69	272	137	425	172	275	102	255	98	103	69	1,507	678	2,185	

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-28. Alcohol-attributable fractions and number of hospital days due to morbidity attributable to alcohol by sex, age and disease category in Nunavut, 2002

CONDITION	AAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
MALIGNANT NEOPLASMS																				
Mouth and oropharynx cancers	33.2	19.2	0	0	0	0	1	0	2	1	2	1	2	1	0	0	7	2	9	
Oesophageal cancers	37.7	24.3	0	0	0	0	0	0	2	0	2	0	2	1	1	1	7	2	9	
Liver cancer	31.3	21.7	0	0	0	0	0	0	1	0	1	0	1	1	1	1	5	2	7	
Laryngeal cancer	43.0	31.1	0	0	0	0	0	0	1	0	2	0	1	0	1	0	5	1	6	
Breast cancer	--	6.4	--	0	--	0	--	0	--	1	--	1	--	1	--	1	--	5	5	
Other neoplasms	8.9	5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
TOTAL	34.9	10.7	0	0	0	0	1	1	6	3	7	3	7	3	3	2	24	12	36	
DIABETES																				
TOTAL (Diabetes Mellitus)	-5.1	-2.5	0	0	-1	0	-3	-1	-11	-4	-12	-4	-15	-7	-8	-6	-49	-23	-72	
NEURO-PSYCHIATRIC CONDITIONS																				
Alcoholic psychoses	100.0	100.0	0	0	3	1	8	4	13	5	8	3	7	2	2	1	41	16	57	
Alcohol dependence syndrome	100.0	100.0	0	0	5	3	17	10	31	12	23	7	19	7	6	3	100	41	141	
Alcohol abuse	100.0	100.0	0	0	10	6	15	9	17	7	9	3	10	4	4	3	64	32	95	
Unipolar major depression	10.3	2.5	0	0	4	1	6	2	7	2	4	1	5	2	4	3	29	11	40	
Degeneration of nervous system due to alcohol	100.0	100.0	0	0	0	0	0	0	2	1	2	1	1	1	0	0	6	2	9	
Epilepsy	41.7	32.2	0	0	3	2	5	3	6	4	4	3	4	4	2	3	24	19	44	
Alcoholic polyneuropathy	100.0	100.0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2	
TOTAL	48.2	20.0	0	0	24	13	51	27	76	31	50	19	46	19	18	13	265	122	386	
CARDIO VASCULAR DISEASES																				
Hypertensive disease	23.3	8.0	0	0	2	0	7	2	36	9	47	14	66	28	46	37	203	90	293	
Ischaemic heart disease	-9.5	-5.0	0	0	0	0	-4	-1	-28	-6	-33	-9	-46	-18	-30	-21	-142	-55	-197	
Alcoholic cardiomyopathy	100.0	100.0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	4	1	5	
Cardiac arrhythmias	25.9	17.4	0	0	2	1	4	2	20	6	32	12	60	34	50	54	168	109	277	
Cerebrovascular disease	2.9	-6.7	0	0	0	0	1	-1	2	-3	3	-5	5	-11	3	-16	14	-36	-21	
<i>Ischaemic stroke</i>	-0.6	-8.4	0	0	0	0	0	-1	0	-1	0	-1	0	-2	0	-2	0	-6	-7	
<i>Haemorrhagic stroke</i>	9.2	-3.8	0	0	0	0	1	0	3	-1	6	-1	9	-4	7	-6	26	-12	14	
Oesophageal varices	54.0	42.1	0	0	0	0	0	0	2	1	1	0	1	1	0	0	5	2	7	
TOTAL	7.2	3.3	0	0	4	1	8	2	32	7	51	12	87	35	70	54	252	111	363	
DIGESTIVE DISEASES																				
Alcoholic gastritis	100.0	100.0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	4	1	6	
Cirrhosis of the liver	58.2	45.1	0	0	1	0	5	3	22	7	15	6	11	6	3	2	57	26	82	
Cholelithiasis	-14.3	-7.8	0	0	0	-1	-1	-1	-3	-2	-2	-1	-3	-2	-2	-2	-12	-9	-21	
Acute and chronic pancreatitis	24.3	12.0	0	0	1	1	3	1	5	2	2	1	2	1	1	1	14	7	21	
Chronic pancreatitis (alcohol induced)	100.0	100.0	0	0	0	0	2	0	3	1	1	0	1	0	0	0	6	2	8	
TOTAL	27.8	11.5	0	0	2	0	10	4	28	9	17	7	11	6	2	2	70	27	97	
SKIN DISEASES																				
TOTAL (Psoriasis)	26.3	16.2	0	0	0	0	0	0	1	0	1	0	1	0	0	0	4	2	5	

Table D-HC-A-28. Continued

CONDITION	AAF%		Number of hospital days																TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birth weight & short gestation	6.8	6.8	15	13	--	--	--	--	--	--	--	--	--	--	--	--	--	15	13	27	
Fetal alcohol syndrome	100.0	100.0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	2	4	
TOTAL	100.0	100.0	16	14	1	1	0	0	0	0	0	0	0	0	0	0	0	17	14	32	
UNINTENTIONAL INJURIES																					
Motor vehicle accidents	26.0	11.7	0	0	8	1	5	1	2	1	1	0	1	0	0	0	0	17	5	22	
Poisonings	7.8	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
<i>Accidental poisoning & exposure to alcohol</i>	100.0	100.0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	1	3	
Falls	7.5	2.7	0	0	1	0	2	1	4	4	3	2	4	2	6	6	0	20	14	35	
Fires	17.9	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Drownings	10.6	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other unintentional injuries	13.1	10.3	7	2	14	8	20	15	37	29	26	16	33	25	20	25	0	156	120	276	
TOTAL	12.7	8.0	8	2	24	9	27	17	44	35	30	18	38	28	26	31	196	140	337		
INTENTIONAL INJURIES																					
Self-inflicted injuries	7.9	6.1	0	0	1	1	2	2	1	1	0	0	0	0	0	0	0	5	5	10	
<i>Intentional self-poisoning by and exposure to alcohol</i>	100.0	100.0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	2	2	4	
Homicide	16.0	15.4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	3	1	5	
Other Intentional injuries	12.5	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	10.3	7.1	0	0	3	2	3	2	2	2	0	0	0	0	0	0	8	6	14		
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			24	16	57	25	98	52	179	83	144	55	175	84	111	97	787	411	1,198		

Categories in italic are sub-categories of immediate prior category

Table D-HC-A-29. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to alcohol by sex, age and disease category in Canada, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	8	3	31	6	26	6	17	8	20	3	9	3	111	28	139	
Alcohol abuse	0	0	55	34	103	46	54	26	13	3	7	1	2	0	234	110	344	
Alcohol dependence syndrome	0	0	125	65	452	227	391	168	64	27	9	10	5	0	1,046	497	1,543	
Unipolar major depression	5	5	4	1	5	1	4	1	5	0	1	0	0	0	23	9	32	
TOTAL	5	5	192	103	591	280	475	201	99	38	37	14	16	3	1,414	644	2,058	
CONDITION	Number of hospital days																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	305	35	721	60	1,688	422	2,572	1,125	3,083	705	501	264	8,870	2,611	11,481	
Alcohol abuse	0	0	874	359	1,570	646	1,067	386	288	66	151	12	369	0	4,319	1,469	5,788	
Alcohol dependence syndrome	0	0	2,716	1,702	10,456	4,832	9,923	4,029	1,353	543	195	166	454	0	25,097	11,272	36,369	
Unipolar major depression	0	1	84	45	101	37	106	50	7	13	18	10	0	4	316	160	476	
TOTAL	0	1	3,979	2,141	12,848	5,575	12,784	4,887	4,220	1,747	3,447	893	1,324	268	38,602	15,512	54,114	

Table D-HC-A-30. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to alcohol by sex, age and disease category in British Columbia, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	1	3
Alcohol abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alcohol dependence syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unipolar major depression	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	1	3	
CONDITION	Number of hospital days																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	16	2	38	3	88	22	134	59	161	37	26	14	462	136	598	
Alcohol abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alcohol dependence syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Unipolar major depression	0	0	1	1	1	1	2	1	0	0	0	0	0	0	5	2	7	
TOTAL	0	0	17	2	39	4	89	23	134	59	161	37	26	14	467	138	605	

Table D-HC-A-31. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to alcohol by sex, age and disease category in Alberta, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	2	1	8	1	6	1	4	2	5	1	2	1	27	7	34	
Alcohol abuse	0	0	6	3	10	5	5	3	1	0	1	0	0	0	24	11	35	
Alcohol dependence syndrome	0	0	3	2	11	5	9	4	1	1	0	0	0	0	24	12	36	
Unipolar major depression	1	1	1	0	1	0	1	0	1	0	0	0	0	0	4	2	6	
TOTAL	1	1	11	6	29	12	22	8	8	3	6	1	3	1	79	31	111	
CONDITION	Number of hospital days																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	87	10	205	17	480	120	731	320	877	200	142	75	2,522	743	3,265	
Alcohol abuse	0	0	213	88	383	158	260	94	70	16	37	3	90	0	1,054	359	1,413	
Alcohol dependence syndrome	0	0	99	62	379	175	360	146	49	20	7	6	16	0	911	409	1,320	
Unipolar major depression	0	0	15	8	18	7	19	9	1	2	3	2	0	1	55	28	83	
TOTAL	0	0	413	167	985	357	1,119	369	852	358	924	211	249	76	4,543	1,538	6,081	

Table D-HC-A-32. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to alcohol by sex, age and disease category in Saskatchewan, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	1	3
Alcohol abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alcohol dependence syndrome	0	0	1	1	4	2	4	2	1	0	0	0	0	0	0	9	5	14
Unipolar major depression	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1	1	5	2	4	2	1	0	0	0	0	0	12	5	17	
CONDITION	Number of hospital days																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	1	0	1	0	3	1	4	2	5	1	1	0	15	4	19	
Alcohol abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alcohol dependence syndrome	0	0	20	13	78	36	74	30	10	4	1	1	3	0	188	84	272	
Unipolar major depression	0	0	4	2	4	2	5	2	0	1	1	0	0	0	14	7	21	
TOTAL	0	0	24	15	84	38	82	33	15	7	7	3	4	1	216	96	312	

Table D-HC-A-33. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to alcohol by sex, age and disease category in Manitoba, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	1	3
Alcohol abuse	0	0	3	2	5	2	3	1	1	0	0	0	0	0	0	12	6	18
Alcohol dependence syndrome	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	2
Unipolar major depression	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	3	2	7	3	4	2	1	0	1	0	0	0	16	7	23	
CONDITION	Number of hospital days																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	1	0	3	0	7	2	11	5	13	3	2	1	38	11	49	
Alcohol abuse	0	0	15	6	27	11	18	7	5	1	3	0	6	0	73	25	98	
Alcohol dependence syndrome	0	0	3	2	11	5	10	4	1	1	0	0	0	0	26	12	38	
Unipolar major depression	0	0	1	1	1	0	1	1	0	0	0	0	0	0	4	2	6	
TOTAL	0	0	20	9	42	17	37	13	17	7	16	4	9	1	141	50	191	

Table D-HC-A-34. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to alcohol by sex, age and disease category in Ontario, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	4	1	14	3	12	3	8	4	9	1	4	1	50	13	63	
Alcohol abuse	0	0	38	24	71	32	37	18	9	2	5	1	1	0	162	76	238	
Alcohol dependence syndrome	0	0	112	58	404	203	349	150	57	24	8	9	4	0	934	444	1,378	
Unipolar major depression	3	3	2	1	3	1	2	1	3	0	0	0	0	0	13	5	18	
TOTAL	3	3	156	83	492	238	400	171	77	30	22	11	10	1	1,159	538	1,697	
CONDITION	Number of hospital days																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	138	16	326	27	763	191	1,162	508	1,393	319	226	119	4,008	1,180	5,188	
Alcohol abuse	0	0	580	238	1,041	428	708	256	191	44	100	8	245	0	2,865	974	3,839	
Alcohol dependence syndrome	0	0	2,485	1,557	9,568	4,422	9,080	3,687	1,238	497	178	152	415	0	22,966	10,315	33,281	
Unipolar major depression	0	1	46	24	55	20	58	27	4	7	10	5	0	2	172	87	259	
TOTAL	0	1	3,249	1,836	10,990	4,898	10,608	4,161	2,595	1,056	1,681	484	887	121	30,011	12,556	42,567	

Table D-HC-A-35. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to alcohol by sex, age and disease category in Quebec, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	1	0	3	1	2	1	2	1	2	0	1	0	10	3	13	
Alcohol abuse	0	0	2	1	4	2	2	1	1	0	0	0	0	0	10	4	14	
Alcohol dependence syndrome	0	0	3	2	12	6	10	4	2	1	0	0	0	0	28	13	41	
Unipolar major depression	1	1	1	0	1	0	0	0	1	0	0	0	0	0	3	1	4	
TOTAL	1	1	7	4	20	9	16	6	4	2	2	1	1	0	51	22	72	
CONDITION	Number of hospital days																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	40	5	94	8	220	55	335	147	402	92	65	34	1,157	340	1,497	
Alcohol abuse	0	0	19	8	33	14	23	8	6	1	3	0	8	0	92	31	123	
Alcohol dependence syndrome	0	0	33	21	128	59	121	49	17	7	2	2	6	0	306	138	444	
Unipolar major depression	0	0	14	7	17	6	17	8	1	2	3	2	0	1	52	26	78	
TOTAL	0	0	105	40	272	87	381	121	359	157	410	96	79	35	1,607	536	2,142	

Table D-HC-A-36. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to alcohol by sex, age and disease category in New Brunswick, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL	
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs						
	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Alcoholic psychoses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alcohol abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alcohol dependence syndrome	0	0	1	1	4	2	3	1	0	0	0	0	0	0	0	0	8	4	12
Unipolar major depression	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1	1	4	2	3	1	1	0	0	0	0	0	0	8	4	12	
	Number of hospital days																		
Alcoholic psychoses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alcohol abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alcohol dependence syndrome	0	0	21	13	80	37	76	31	10	4	1	1	3	0	193	86	279		
Unipolar major depression	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2		
TOTAL	0	0	21	13	81	37	77	31	10	4	2	1	3	0	194	87	281		

Table D-HC-A-37. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to alcohol by sex, age and disease category in Nova Scotia, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	1	3
Alcohol abuse	0	0	3	2	5	2	3	1	1	0	0	0	0	0	0	11	5	16
Alcohol dependence syndrome	0	0	1	1	4	2	3	1	1	0	0	0	0	0	0	9	4	13
Unipolar major depression	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	4	2	9	4	6	3	2	1	1	0	0	0	22	10	32	
CONDITION	Number of hospital days																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	14	2	33	3	78	20	119	52	143	33	23	12	411	121	532	
Alcohol abuse	0	0	19	8	34	14	23	8	6	1	3	0	8	0	94	32	126	
Alcohol dependence syndrome	0	0	8	5	31	14	29	12	4	2	1	0	1	0	74	33	107	
Unipolar major depression	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	2	4	
TOTAL	0	0	42	15	99	31	132	40	129	55	147	34	33	12	582	188	769	

Table D-HC-A-38. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to alcohol by sex, age and disease category in Prince Edward Island, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	0	0	1	0	1	0	1	0	1	0	0	0	4	1	5	
Alcohol abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alcohol dependence syndrome	0	0	1	0	3	1	3	1	0	0	0	0	0	0	7	3	10	
Unipolar major depression	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	0	1	1	4	2	3	1	1	0	1	0	0	11	4	15		
	Number of hospital days																	
Alcoholic psychoses	0	0	1	0	3	0	8	2	12	5	15	3	2	1	42	12	54	
Alcohol abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alcohol dependence syndrome	0	0	12	7	45	21	42	17	6	2	1	1	2	0	107	48	155	
Unipolar major depression	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	0	13	7	48	21	50	19	18	8	15	4	4	1	149	60	209	

Table D-HC-A-39. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to alcohol by sex, age and disease category in Newfoundland, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	1	0	3	1	2	1	2	1	2	0	1	0	10	3	13	
Alcohol abuse	0	0	4	2	7	3	4	2	1	0	0	0	0	0	16	7	23	
Alcohol dependence syndrome	0	0	3	2	11	5	9	4	2	1	0	0	0	0	25	12	37	
Unipolar major depression	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
TOTAL	0	0	8	4	21	9	16	6	4	2	3	1	1	0	52	22	74	
CONDITION	Number of hospital days																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Alcoholic psychoses	0	0	8	1	19	2	44	11	67	29	80	18	13	7	229	68	297	
Alcohol abuse	0	0	29	12	51	21	35	13	9	2	5	0	12	0	141	48	189	
Alcohol dependence syndrome	0	0	35	22	136	63	129	52	18	7	3	2	6	0	326	147	473	
Unipolar major depression	0	0	1	1	1	1	1	1	0	0	0	0	0	0	4	2	7	
TOTAL	0	0	73	35	207	86	209	77	94	39	87	21	31	7	701	264	966	

Table D-HC-A-40. Specialized treatment: number of inpatient admissions for alcohol by sex and age in provinces, territories, and Canada, 2002

PROVINCES/ TERRITORIES	Inpatient admissions																TOTAL	OVERALL
	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
British Columbia	2	2	1,867	592	5,149	1,200	4,396	763	1,028	176	269	16	22	2	12,732	2,751	15,483	
Alberta	1	2	1,199	633	3,307	1,282	2,824	815	660	188	173	17	14	2	8,178	2,940	11,118	
Saskatchewan	1	1	469	148	1,293	300	1,103	191	258	44	68	4	5	1	3,196	688	3,884	
Manitoba	0	0	205	66	566	134	483	85	113	20	30	2	2	0	1,398	307	1,705	
Ontario	6	6	5,425	1,737	14,963	3,520	12,774	2,237	2,986	516	782	47	63	6	36,999	8,071	45,070	
Quebec	2	2	1,645	530	4,536	1,074	3,872	683	905	158	237	14	19	2	11,215	2,462	13,677	
New Brunswick	0	0	347	111	957	225	817	143	191	33	50	3	4	0	2,366	516	2,882	
Nova Scotia	0	0	182	109	503	222	429	141	100	33	26	3	2	0	1,243	508	1,751	
Prince Edward Island	0	0	64	21	176	42	151	27	35	6	9	1	1	0	436	96	532	
Newfoundland	0	0	244	78	673	158	575	100	134	23	35	2	3	0	1,665	362	2,027	
Yukon	0	0	39	13	108	26	93	16	22	4	6	0	0	0	268	59	327	
Northwest Territories	0	0	8	3	23	6	20	4	5	1	1	0	0	0	57	14	71	
Nunavut	0	0	13	4	37	8	32	5	7	1	2	0	0	0	92	18	110	
CANADA	13	15	11,708	4,044	32,291	8,197	27,567	5,210	6,445	1,202	1,687	109	135	15	79,846	18,791	98,638	

Table D-HC-A-41. Specialized treatment: inpatient days for alcohol by sex and age in provinces, territories, and Canada, 2002

PROVINCES/ TERRITORIES	Inpatient days of treatment																TOTAL	OVERALL
	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
British Columbia	14	14	11,855	3,760	32,695	7,622	27,912	4,844	6,525	1,118	1,708	102	137	14	80,846	17,472	98,318	
Alberta	9	15	8,035	4,238	22,160	8,592	18,918	5,460	4,423	1,260	1,158	115	93	15	54,795	19,696	74,491	
Saskatchewan	3	3	2,976	940	8,207	1,905	7,007	1,211	1,638	279	429	25	34	3	20,295	4,368	24,663	
Manitoba	2	2	1,302	419	3,591	850	3,066	540	717	125	188	11	15	2	8,880	1,949	10,829	
Ontario	40	40	34,451	11,029	95,014	22,355	81,114	14,208	18,963	3,279	4,964	298	397	40	234,944	51,248	286,192	
Quebec	12	12	10,443	3,364	28,802	6,819	24,588	4,334	5,748	1,000	1,505	91	120	12	71,218	15,633	86,852	
New Brunswick	8	0	3,231	541	11,306	1,272	11,439	898	2,547	119	456	12	16	0	29,003	2,843	31,846	
Nova Scotia	1	2	1,094	656	3,016	1,330	2,575	845	602	195	158	18	13	2	7,458	3,048	10,506	
Prince Edward Island	0	0	406	131	1,120	267	956	169	224	39	59	4	5	0	2,770	611	3,381	
Newfoundland	2	2	1,550	495	4,276	1,004	3,650	638	853	147	223	13	18	2	10,573	2,302	12,874	
Yukon	0	0	34	11	94	22	80	14	19	3	5	0	0	0	231	51	282	
Northwest Territories	0	0	24	9	57	15	67	13	36	7	9	1	1	0	195	44	239	
Nunavut	0	0	85	24	235	49	201	31	47	7	12	1	1	0	582	113	696	
CANADA	91	91	75,487	25,618	210,574	52,102	181,573	33,207	42,342	7,579	10,874	690	849	91	521,790	119,378	641,168	

Table D-HC-A-42. Specialized treatment: number of outpatient admissions for alcohol by sex and age in provinces, territories, and Canada, 2002

PROVINCES/ TERRITORIES	Outpatient admissions																TOTAL	OVERALL
	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
British Columbia	65	112	2,330	1,360	3,535	1,312	2,717	768	409	91	59	16	11	2	9,125	3,662	12,786	
Alberta	35	233	1,261	2,833	1,914	2,733	1,471	1,600	221	189	32	33	6	4	4,940	7,626	12,566	
Saskatchewan	16	28	585	340	887	328	682	192	103	23	15	4	3	1	2,291	915	3,206	
Manitoba	7	13	257	153	391	148	300	86	45	10	7	2	1	0	1,008	412	1,420	
Ontario	188	329	6,770	3,990	10,272	3,849	7,896	2,253	1,188	266	172	47	31	6	26,517	10,740	37,257	
Quebec	57	101	2,064	1,226	3,131	1,183	2,407	693	362	82	52	14	10	2	8,083	3,301	11,384	
New Brunswick	12	21	433	255	657	246	505	144	76	17	11	3	2	0	1,696	686	2,382	
Nova Scotia	0	0	149	89	411	181	351	115	82	27	21	2	2	0	1,017	416	1,433	
Prince Edward Island	2	4	80	48	121	46	93	27	14	3	2	1	0	0	313	128	441	
Newfoundland	8	15	305	179	462	173	355	101	53	12	8	2	1	0	1,193	482	1,676	
Yukon	0	0	32	10	89	21	76	13	18	3	5	0	0	0	219	48	268	
Northwest Territories	0	0	7	6	11	5	8	3	1	0	0	0	0	0	29	15	43	
Nunavut	0	1	17	9	25	9	20	5	3	1	0	0	0	0	66	24	89	
CANADA	391	857	14,289	10,499	21,907	10,234	16,881	6,001	2,576	723	385	125	67	17	56,496	28,455	84,951	

Table D-HC-A-43. Specialized treatment: outpatient days for alcohol by sex and age in provinces, territories, and Canada, 2002

PROVINCES/ TERRITORIES	Outpatient days of treatment																TOTAL	OVERALL
	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
British Columbia	1,437	2,493	51,834	30,266	78,649	29,198	60,453	17,091	9,098	2,018	1,317	356	239	47	203,028	81,469	284,497	
Alberta	786	5,249	28,378	63,742	43,059	61,493	33,097	35,996	4,981	4,249	721	750	131	100	111,154	171,580	282,733	
Saskatchewan	361	623	13,012	7,567	19,743	7,300	15,176	4,273	2,284	504	331	89	60	12	50,966	20,368	71,334	
Manitoba	159	280	5,727	3,404	8,689	3,283	6,679	1,922	1,005	227	145	40	26	5	22,430	9,162	31,591	
Ontario	4,175	7,311	150,633	88,775	228,558	85,642	175,680	50,132	26,439	5,918	3,827	1,044	696	139	590,008	238,962	828,969	
Quebec	1,272	2,247	45,915	27,289	69,667	26,326	53,549	15,410	8,059	1,819	1,166	321	212	43	179,841	73,456	253,298	
New Brunswick	3,668	10,115	79,348	60,303	145,143	65,128	112,709	36,304	20,268	6,100	3,971	876	203	0	365,310	178,826	544,136	
Nova Scotia	4	7	3,281	1,968	9,048	3,989	7,725	2,535	1,806	585	473	53	38	7	22,374	9,144	31,518	
Prince Edward Island	49	87	1,776	1,058	2,695	1,021	2,071	598	312	71	45	12	8	2	6,956	2,849	9,805	
Newfoundland	188	328	6,779	3,987	10,285	3,846	7,906	2,251	1,190	266	172	47	31	6	26,551	10,732	37,283	
Yukon	0	0	28	9	77	18	65	12	15	3	4	0	0	0	189	42	231	
Northwest Territories	0	1	21	16	28	13	29	11	10	3	1	1	0	0	90	44	134	
Nunavut	10	16	373	197	566	190	435	111	66	13	9	2	2	0	1,462	529	1,991	
CANADA	12,109	28,758	387,104	288,581	616,208	287,447	475,575	166,646	75,532	21,776	12,183	3,592	1,648	363	1,580,358	797,162	2,377,520	

Table D-HC-D-2. Drug-attributable fractions and number of hospital diagnoses due to morbidity attributable to illegal drugs by sex, age and disease category in British Columbia, 2002

CONDITION	DAF%		Number of hospital diagnoses														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	1	8	171	305	481	419	267	215	46	49	37	45	18	31	1,022	1,071	2,093	
Cannabinoids	100.0	100.0	23	22	748	394	437	220	129	58	12	5	2	0	1	0	1,352	699	2,052	
Cocaine	100.0	100.0	5	5	509	550	975	613	301	111	13	4	4	2	0	0	1,805	1,286	3,092	
Other stimulants, including caffeine	100.0	100.0	7	5	155	102	100	84	32	20	5	2	8	4	1	3	308	220	528	
Hallucinogens	100.0	100.0	1	2	45	20	17	7	6	5	1	1	2	3	2	1	75	39	114	
Multiple drug use and use of other psychoactive substances	100.0	100.0	9	13	425	287	457	342	209	166	30	41	18	41	7	17	1,155	905	2,060	
Opiate and cocaine poisoning	100.0	100.0	26	20	87	102	143	158	122	152	84	95	114	143	67	143	643	814	1,457	
Cannabis poisoning	100.0	100.0	2	3	14	11	11	4	3	2	1	1	0	0	1	0	33	21	54	
HIV	21.6	21.6	0	0	8	10	89	27	46	7	7	1	1	0	0	0	152	45	197	
Viral hepatitis C	56.0	56.0	1	2	20	41	149	123	263	107	48	29	24	30	10	10	516	341	857	
Viral hepatitis B	26.0	26.0	1	0	1	4	14	8	18	7	6	4	6	3	2	2	47	28	76	
Acute and subacute endocarditis	14.0	14.0	0	1	2	3	5	4	7	3	5	2	6	4	2	2	28	18	46	
Pregnancy complications	0.3	0.3	--	0	--	5	--	5	--	0	--	0	--	0	--	0	--	9	9	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	10	9	--	--	--	--	--	--	--	--	--	--	--	--	10	9	19	
Cannabis-attributable traffic accidents	1.4	1.4	2	1	9	5	6	4	5	3	2	2	2	2	1	1	27	18	45	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	2	1	1	1	1	1	0	0	0	0	0	0	6	4	10	
Suicide, self-inflicted injuries*	5.2	19.5	2	22	28	187	35	184	20	106	7	28					90	529	619	
Homicide	9.0	9.0	5	3	53	10	34	10	14	4	2	1	2	1	1	1	110	31	141	
OVERALL			95	118	2,277	2,036	2,953	2,212	1,443	967	270	265	226	279	114	213	7,378	6,090	13,468	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-3. Drug-attributable fractions and number of hospital diagnoses due to morbidity attributable to illegal drugs by sex, age and disease category in Alberta, 2002

CONDITION	DAF%		Number of hospital diagnoses														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Mental and behavioural disorders due to use of:																			
Opioids	100.0	100.0	0	3	69	123	193	168	107	86	18	20	15	18	7	12	411	430	841
Cannabinoids	100.0	100.0	17	17	573	302	335	169	99	45	9	4	2	0	1	0	1,036	536	1,572
Cocaine	100.0	100.0	2	2	213	231	409	257	126	47	5	2	2	1	0	0	757	539	1,296
Other stimulants, including caffeine	100.0	100.0	4	3	98	65	63	53	20	13	3	1	5	3	1	2	195	140	335
Hallucinogens	100.0	100.0	1	2	39	18	15	6	5	4	1	1	2	3	2	1	66	34	100
Multiple drug use and use of other psychoactive substances	100.0	100.0	6	10	314	212	337	252	154	122	22	30	13	30	5	12	852	668	1,520
Opiate and cocaine poisoning	100.0	100.0	28	22	92	108	151	168	129	160	89	101	121	151	71	152	680	862	1,542
Cannabis poisoning	100.0	100.0	1	1	6	5	5	2	1	1	1	1	0	0	0	0	15	9	24
HIV	21.6	21.6	0	0	2	3	23	7	12	2	2	0	0	0	0	0	39	12	51
Viral hepatitis C	56.0	56.0	1	2	18	36	131	108	231	94	43	25	21	26	9	9	453	299	752
Viral hepatitis B	26.0	26.0	0	0	1	2	7	4	10	4	3	2	3	2	1	1	26	15	41
Acute and subacute endocarditis	14.0	14.0	0	0	1	2	3	3	5	2	3	2	4	2	2	2	18	12	30
Pregnancy complications	0.3	0.3	--	0	--	4	--	4	--	0	--	0	--	0	--	0	--	9	9
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	12	11	--	--	--	--	--	--	--	--	--	--	--	--	12	11	24
Cannabis-attributable traffic accidents	1.4	1.4	2	1	7	4	5	3	4	3	2	1	1	2	1	1	22	15	37
Cocaine-attributable traffic accidents	0.3	0.3	0	0	1	1	1	1	1	1	0	0	0	0	0	0	5	3	8
Suicide, self-inflicted injuries*	5.2	19.5	1	17	21	141	26	139	15	80	5	21					68	399	468
Homicide	9.0	9.0	5	3	54	11	35	11	14	4	2	1	2	1	1	2	113	32	145
OVERALL			83	95	1,511	1,265	1,740	1,354	934	668	209	212	191	240	100	194	4,768	4,027	8,794

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-4. Drug-attributable fractions and number of hospital diagnoses due to morbidity attributable to illegal drugs by sex, age and disease category in Saskatchewan, 2002

CONDITION	DAF%		Number of hospital diagnoses														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	1	21	37	59	51	33	26	6	6	5	5	2	4	125	131	256	
Cannabinoids	100.0	100.0	4	4	131	69	76	38	23	10	2	1	0	0	0	0	236	122	358	
Cocaine	100.0	100.0	0	0	25	27	48	30	15	5	1	0	0	0	0	0	89	63	152	
Other stimulants, including caffeine	100.0	100.0	1	1	31	20	20	17	6	4	1	0	2	1	0	1	61	44	106	
Hallucinogens	100.0	100.0	0	0	8	3	3	1	1	1	0	0	0	1	0	0	13	7	20	
Multiple drug use and use of other psychoactive substances	100.0	100.0	2	3	87	59	94	70	43	34	6	8	4	8	1	3	237	186	423	
Opiate and cocaine poisoning	100.0	100.0	7	6	25	29	41	45	35	43	24	27	32	41	19	41	183	232	415	
Cannabis poisoning	100.0	100.0	1	1	4	3	4	1	1	1	0	0	0	0	0	0	10	7	17	
HIV	21.6	21.6	0	0	0	0	3	1	2	0	0	0	0	0	0	0	6	2	8	
Viral hepatitis C	56.0	56.0	0	0	3	7	24	20	42	17	8	5	4	5	2	2	83	55	138	
Viral hepatitis B	26.0	26.0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	3	2	4	
Acute and subacute endocarditis	14.0	14.0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	6	4	9	
Pregnancy complications	0.3	0.3	--	0	--	1	--	1	--	0	--	0	--	0	--	0	--	2	2	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	2	2	--	--	--	--	--	--	--	--	--	--	--	--	2	2	4	
Cannabis-attributable traffic accidents	1.4	1.4	1	0	3	1	2	1	2	1	1	1	1	1	0	0	8	5	13	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1	3	
Suicide, self-inflicted injuries*	5.2	19.5	0	5	7	44	8	44	5	25	2	7					21	125	146	
Homicide	9.0	9.0	2	1	23	5	15	5	6	2	1	0	1	0	0	1	48	14	62	
OVERALL			22	26	369	308	398	327	215	171	53	57	50	63	27	52	1,133	1,003	2,136	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-5. Drug-attributable fractions and number of hospital diagnoses due to morbidity attributable to illegal drugs by sex, age and disease category in Manitoba, 2002

CONDITION	DAF%		Number of hospital diagnoses														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	1	21	37	58	51	32	26	6	6	4	5	2	4	124	130	254	
Cannabinoids	100.0	100.0	4	4	124	65	72	36	21	10	2	1	0	0	0	0	224	116	339	
Cocaine	100.0	100.0	1	1	56	60	107	67	33	12	1	0	0	0	0	0	198	141	340	
Other stimulants, including caffeine	100.0	100.0	1	1	21	14	14	11	4	3	1	0	1	1	0	0	42	30	72	
Hallucinogens	100.0	100.0	0	0	11	5	4	2	1	1	0	0	0	1	1	0	19	10	28	
Multiple drug use and use of other psychoactive substances	100.0	100.0	2	3	87	59	93	70	43	34	6	8	4	8	1	3	236	185	420	
Opiate and cocaine poisoning	100.0	100.0	7	6	24	28	40	44	34	42	23	26	32	40	19	40	178	226	404	
Cannabis poisoning	100.0	100.0	0	1	3	2	2	1	1	0	0	0	0	0	0	0	6	4	11	
HIV	21.6	21.6	0	0	1	1	13	4	7	1	1	0	0	0	0	0	22	6	28	
Viral hepatitis C	56.0	56.0	0	0	4	8	31	26	55	22	10	6	5	6	2	2	107	71	179	
Viral hepatitis B	26.0	26.0	0	0	0	1	3	2	4	2	2	1	1	1	0	0	12	7	18	
Acute and subacute endocarditis	14.0	14.0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	6	4	11	
Pregnancy complications	0.3	0.3	--	0	--	1	--	1	--	0	--	0	--	0	--	0	--	2	2	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	3	3	--	--	--	--	--	--	--	--	--	--	--	--	3	3	6	
Cannabis-attributable traffic accidents	1.4	1.4	1	0	2	1	2	1	1	1	1	0	1	1	0	0	7	5	12	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1	3	
Suicide, self-inflicted injuries*	5.2	19.5	0	6	7	47	9	46	5	27	2	7					23	133	156	
Homicide	9.0	9.0	1	1	13	3	8	3	3	1	1	0	0	0	0	0	27	8	35	
OVERALL			21	25	375	334	458	366	247	183	56	58	51	64	27	52	1,236	1,082	2,317	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-6. Drug-attributable fractions and number of hospital diagnoses due to morbidity attributable to illegal drugs by sex, age and disease category in Ontario, 2002

CONDITION	DAF%		Number of hospital diagnoses														TOTAL		OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Mental and behavioural disorders due to use of:																					
Opioids	100.0	100.0	1	5	107	191	301	262	167	134	29	31	23	28	12	19			639	670	1,309
Cannabinoids	100.0	100.0	22	21	713	375	416	210	123	55	11	5	2	0	1	0			1,288	667	1,955
Cocaine	100.0	100.0	3	3	278	300	532	335	164	61	7	2	2	1	0	0			986	702	1,688
Other stimulants, including caffeine	100.0	100.0	2	1	46	30	30	25	10	6	2	1	2	1	0	1			91	66	157
Hallucinogens	100.0	100.0	1	2	46	21	18	7	6	5	1	1	2	4	2	1			77	40	118
Multiple drug use and use of other psychoactive substances	100.0	100.0	13	19	626	422	673	503	308	244	44	60	26	60	11	24			1,700	1,333	3,033
Opiate and cocaine poisoning	100.0	100.0	62	49	209	245	341	379	292	362	200	227	272	342	160	342			1,536	1,946	3,482
Cannabis poisoning	100.0	100.0	3	4	20	15	16	5	5	3	2	2	0	0	1	0			46	30	76
HIV	21.6	21.6	0	1	11	13	116	35	60	9	9	1	2	1	0	0			198	58	256
Viral hepatitis C	56.0	56.0	2	3	33	66	242	199	427	174	79	47	40	49	16	16			838	554	1,392
Viral hepatitis B	26.0	26.0	1	0	3	9	33	20	45	18	15	10	14	7	4	5			116	70	186
Acute and subacute endocarditis	14.0	14.0	1	1	4	5	11	9	15	6	10	5	13	7	5	5			58	38	97
Pregnancy complications	0.3	0.3	--	0	--	11	--	11	--	0	--	0	--	0	--	0			--	22	22
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	1
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	32	29	--	--	--	--	--	--	--	--	--	--	--	--			32	29	61
Cannabis-attributable traffic accidents	1.4	1.4	4	3	16	9	12	7	10	6	4	3	3	4	2	3			51	35	86
Cocaine-attributable traffic accidents	0.3	0.3	1	1	3	2	3	2	2	1	1	1	1	1	0	1			11	7	18
Suicide, self-inflicted injuries*	5.2	19.5	4	50	62	422	78	415	44	240	16	63							203	1,191	1,394
Homicide	9.0	9.0	7	5	78	15	50	15	20	6	3	1	2	2	1	2			162	46	209
OVERALL			159	197	2,255	2,152	2,871	2,438	1,697	1,331	432	460	405	506	216	420			8,035	7,503	15,538

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-7. Drug-attributable fractions and number of hospital diagnoses due to morbidity attributable to illegal drugs by sex, age and disease category in Quebec, 2002

CONDITION	DAF%		Number of hospital diagnoses														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	1	6	134	239	377	328	209	168	36	38	29	35	14	24	800	839	1,640	
Cannabinoids	100.0	100.0	24	24	800	421	467	235	138	62	13	6	3	0	1	0	1,445	747	2,192	
Cocaine	100.0	100.0	3	4	361	391	693	436	214	79	9	3	3	2	0	0	1,283	914	2,197	
Other stimulants, including caffeine	100.0	100.0	6	4	137	90	88	74	28	18	5	2	7	4	1	3	271	195	466	
Hallucinogens	100.0	100.0	2	3	72	33	28	11	10	8	2	1	3	6	3	2	121	63	184	
Multiple drug use and use of other psychoactive substances	100.0	100.0	11	17	561	378	603	450	275	219	40	54	23	54	10	22	1,523	1,194	2,717	
Opiate and cocaine poisoning	100.0	100.0	47	37	156	183	256	284	218	271	150	170	204	256	120	256	1,151	1,458	2,609	
Cannabis poisoning	100.0	100.0	3	3	18	14	14	5	4	3	2	2	0	0	1	0	42	27	69	
HIV	21.6	21.6	0	0	8	9	82	25	42	6	7	1	1	0	0	0	140	41	182	
Viral hepatitis C	56.0	56.0	2	3	27	55	200	165	354	144	65	39	33	40	13	13	695	459	1,154	
Viral hepatitis B	26.0	26.0	1	0	2	6	21	13	29	11	10	6	9	4	3	3	75	45	119	
Acute and subacute endocarditis	14.0	14.0	1	1	3	4	8	6	11	4	7	4	9	5	3	4	42	28	70	
Pregnancy complications	0.3	0.3	--	0	--	7	--	8	--	0	--	0	--	0	--	0	--	15	15	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	19	17	--	--	--	--	--	--	--	--	--	--	--	--	19	17	37	
Cannabis-attributable traffic accidents	1.4	1.4	4	3	15	8	11	7	9	6	3	3	3	3	2	2	48	33	81	
Cocaine-attributable traffic accidents	0.3	0.3	1	1	3	2	2	1	2	1	1	1	1	1	0	1	10	7	17	
Suicide, self-inflicted injuries*	5.2	19.5	3	36	45	305	56	300	32	173	11	46					147	860	1,007	
Homicide	9.0	9.0	8	5	85	16	54	17	22	7	3	1	3	2	1	2	175	50	226	
OVERALL			135	165	2,427	2,161	2,961	2,364	1,598	1,181	363	376	330	412	173	333	7,988	6,992	14,981	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-8. Drug-attributable fractions and number of hospital diagnoses due to morbidity attributable to illegal drugs by sex, age and disease category in New Brunswick, 2002

CONDITION	DAF%		Number of hospital diagnoses														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	1	14	24	38	33	21	17	4	4	3	4	1	2	81	85	165	
Cannabinoids	100.0	100.0	2	2	81	42	47	24	14	6	1	1	0	0	0	0	146	75	221	
Cocaine	100.0	100.0	0	0	36	39	70	44	22	8	1	0	0	0	0	0	129	92	221	
Other stimulants, including caffeine	100.0	100.0	1	0	14	9	9	7	3	2	0	0	1	0	0	0	27	20	47	
Hallucinogens	100.0	100.0	0	0	7	3	3	1	1	1	0	0	0	1	0	0	12	6	19	
Multiple drug use and use of other psychoactive substances	100.0	100.0	1	2	57	38	61	45	28	22	4	5	2	5	1	2	154	120	274	
Opiate and cocaine poisoning	100.0	100.0	5	4	16	18	26	29	22	27	15	17	21	26	12	26	116	147	263	
Cannabis poisoning	100.0	100.0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	4	3	7	
HIV	21.6	21.6	0	0	1	1	8	2	4	1	1	0	0	0	0	0	14	4	18	
Viral hepatitis C	56.0	56.0	0	0	3	6	20	17	36	15	7	4	3	4	1	1	70	46	116	
Viral hepatitis B	26.0	26.0	0	0	0	1	2	1	3	1	1	1	1	0	0	0	8	5	12	
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	1	1	1	0	1	0	1	1	0	0	4	3	7	
Pregnancy complications	0.3	0.3	--	0	--	1	--	1	--	0	--	0	--	0	--	0	--	2	2	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	2	2	--	--	--	--	--	--	--	--	--	--	--	--	2	2	4	
Cannabis-attributable traffic accidents	1.4	1.4	0	0	2	1	1	1	1	1	0	0	0	0	0	0	5	3	8	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
Suicide, self-inflicted injuries*	5.2	19.5	0	4	5	31	6	30	3	17	1	5	0	0	0	0	15	87	101	
Homicide	9.0	9.0	1	1	9	2	5	2	2	1	0	0					18	5	23	
OVERALL			14	17	245	218	298	238	161	119	37	38	33	41	17	33	805	704	1,510	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-9. Drug-attributable fractions and number of hospital diagnoses due to morbidity attributable to illegal drugs by sex, age and disease category in Nova Scotia, 2002

CONDITION	DAF%		Number of hospital diagnoses														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M	F
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	5	10	15	13	8	7	1	2	1	1	1	1	32	34	66	
Cannabinoids	100.0	100.0	3	3	105	55	61	31	18	8	2	1	0	0	0	0	190	98	288	
Cocaine	100.0	100.0	0	0	11	12	21	13	6	2	0	0	0	0	0	0	38	27	66	
Other stimulants, including caffeine	100.0	100.0	0	0	7	5	5	4	2	1	0	0	0	0	0	0	15	11	26	
Hallucinogens	100.0	100.0	0	0	6	3	2	1	1	1	0	0	0	0	0	0	10	5	15	
Multiple drug use and use of other psychoactive substances	100.0	100.0	2	3	89	60	96	72	44	35	6	9	4	9	2	3	243	190	433	
Opiate and cocaine poisoning	100.0	100.0	4	3	14	17	23	26	20	24	14	15	18	23	11	23	104	131	235	
Cannabis poisoning	100.0	100.0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	4	3	7	
HIV	21.6	21.6	0	0	0	0	2	1	1	0	0	0	0	0	0	0	4	1	5	
Viral hepatitis C	56.0	56.0	0	0	1	2	9	7	16	7	3	2	1	2	1	1	31	21	52	
Viral hepatitis B	26.0	26.0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	3	2	4	
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	1	1	1	0	1	0	1	1	0	0	4	3	7	
Pregnancy complications	0.3	0.3	--	0	--	1	--	1	--	0	--	0	--	0	--	0	--	2	2	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	2	2	--	--	--	--	--	--	--	--	--	--	--	--	2	2	3	
Cannabis-attributable traffic accidents	1.4	1.4	0	0	1	1	1	1	1	0	0	0	0	0	0	0	4	2	6	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
Suicide, self-inflicted injuries*	5.2	19.5	0	4	5	35	6	34	4	20	1	5	0	0	0	0	17	97	114	
Homicide	9.0	9.0	1	0	8	2	5	2	2	1	0	0	0	0	0	0	16	5	21	
OVERALL			13	17	256	203	250	206	125	107	30	35	28	37	15	29	717	634	1,350	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-10. Drug-attributable fractions and number of hospital diagnoses due to morbidity attributable to illegal drugs by sex, age and disease category in Prince Edward Island, 2002

CONDITION	DAF%		Number of hospital diagnoses														TOTAL		OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F							
Mental and behavioural disorders due to use of:																					
Opioids	100.0	100.0	0	0	2	3	5	4	3	2	0	0	0	0	0	0	0	0	10	11	21
Cannabinoids	100.0	100.0	1	1	19	10	11	6	3	1	0	0	0	0	0	0	0	0	34	18	52
Cocaine	100.0	100.0	0	0	2	2	4	2	1	0	0	0	0	0	0	0	0	0	7	5	12
Other stimulants, including caffeine	100.0	100.0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	1	3
Hallucinogens	100.0	100.0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3
Multiple drug use and use of other psychoactive substances	100.0	100.0	1	1	25	17	27	20	12	10	2	2	1	2	0	1			69	54	123
Opiate and cocaine poisoning	100.0	100.0	1	1	2	3	4	4	3	4	2	2	3	4	2	4			17	21	38
Cannabis poisoning	100.0	100.0	0	0	1	1	1	0	0	0	0	0	0	0	0	0			2	1	3
HIV	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0			1	0	1
Viral hepatitis C	56.0	56.0	0	0	0	1	2	2	4	2	1	0	0	0	0	0			8	5	13
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			1	0	1
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			1	1	2
Pregnancy complications	0.3	0.3	--	0	--	0	--	0	--	0	--	0	--	0	--	0			--	0	0
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--			0	0	0
Cannabis-attributable traffic accidents	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0			1	1	2
Cocaine-attributable traffic accidents	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0
Suicide, self-inflicted injuries*	5.2	19.5	0	1	1	5	1	5	0	3	0	1							2	13	15
Homicide	9.0	9.0	0	0	1	0	1	0	0	0	0	0	0	0	0	0			2	1	3
OVERALL			2	3	55	42	57	45	29	23	6	7	5	8	3	5			159	133	292

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-11. Drug-attributable fractions and number of hospital diagnoses due to morbidity attributable to illegal drugs by sex, age and disease category in Newfoundland, 2002

CONDITION	DAF%		Number of hospital diagnoses														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	3	5	7	6	4	3	1	1	1	1	0	0	15	16	31	
Cannabinoids	100.0	100.0	1	1	20	11	12	6	3	2	0	0	0	0	0	0	36	19	55	
Cocaine	100.0	100.0	0	0	2	2	4	3	1	0	0	0	0	0	0	0	8	5	13	
Other stimulants, including caffeine	100.0	100.0	0	0	3	2	2	2	1	0	0	0	0	0	0	0	6	4	10	
Hallucinogens	100.0	100.0	0	0	3	1	1	0	0	0	0	0	0	0	0	0	5	3	8	
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	1	20	14	22	16	10	8	1	2	1	2	0	1	55	43	98	
Opiate and cocaine poisoning	100.0	100.0	1	1	4	5	7	8	6	8	4	5	6	7	3	7	33	41	74	
Cannabis poisoning	100.0	100.0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	2	1	3	
HIV	21.6	21.6	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	2	
Viral hepatitis C	56.0	56.0	0	0	0	0	2	1	3	1	1	0	0	0	0	0	6	4	10	
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
Pregnancy complications	0.3	0.3	--	0	--	0	--	0	--	0	--	0	--	0	--	0	--	1	1	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	1	1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	2	
Cannabis-attributable traffic accidents	1.4	1.4	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	2	5	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Suicide, self-inflicted injuries*	5.2	19.5	0	2	3	19	3	18	2	11	1	3	0	0	0	0	9	53	62	
Homicide	9.0	9.0	0	0	3	1	2	1	1	0	0	0	0	0	0	0	6	2	7	
OVERALL			4	6	63	61	64	63	33	34	9	11	8	11	5	9	187	195	382	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-12. Drug-attributable fractions and number of hospital diagnoses due to morbidity attributable to illegal drugs by sex, age and disease category in Yukon, 2002

CONDITION	DAF%		Number of hospital diagnoses														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Mental and behavioural disorders due to use of:																			
Opioids	100.0	100.0	0	0	1	1	2	2	1	1	0	0	0	0	0	0	4	4	8
Cannabinoids	100.0	100.0	0	0	7	4	4	2	1	1	0	0	0	0	0	0	12	6	19
Cocaine	100.0	100.0	0	0	7	8	14	9	4	2	0	0	0	0	0	0	26	18	44
Other stimulants, including caffeine	100.0	100.0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	3
Hallucinogens	100.0	100.0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	3	2	5
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	2	1	2	1	1	1	0	0	0	0	0	0	4	3	8
Opiate and cocaine poisoning	100.0	100.0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	4	6	10
Cannabis poisoning	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIV	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Viral hepatitis C	56.0	56.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	3
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Pregnancy complications	0.3	0.3	--	0	--	0	--	0	--	0	--	0	--	0	--	0	--	0	0
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
Cannabis-attributable traffic accidents	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Cocaine-attributable traffic accidents	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suicide, self-inflicted injuries*	5.2	19.5	0	0	0	3	1	3	0	2	0	0	0	0	0	0	2	9	10
Homicide	9.0	9.0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	1	3
OVERALL			1	1	21	19	26	19	10	7	2	2	1	2	1	1	62	52	114

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-13. Drug-attributable fractions and number of hospital diagnoses due to morbidity attributable to illegal drugs by sex, age and disease category in Northwest Territories, 2002

CONDITION	DAF%		Number of hospital diagnoses														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Mental and behavioural disorders due to use of:																			
Opioids	100.0	100.0	0	0	1	2	3	2	1	1	0	0	0	0	0	0	5	6	11
Cannabinoids	100.0	100.0	0	0	6	3	4	2	1	0	0	0	0	0	0	0	11	6	17
Cocaine	100.0	100.0	0	0	4	4	8	5	2	1	0	0	0	0	0	0	14	10	24
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallucinogens	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	2	1	2	1	1	1	0	0	0	0	0	0	4	3	8
Opiate and cocaine poisoning	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3
Cannabis poisoning	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIV	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis C	56.0	56.0	0	0	0	1	2	2	4	1	1	0	0	0	0	0	7	5	12
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy complications	0.3	0.3	--	0	--	0	--	0	--	0	--	0	--	0	--	0	--	0	0
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
Cannabis-attributable traffic accidents	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cocaine-attributable traffic accidents	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suicide, self-inflicted injuries*	5.2	19.5	0	0	0	1	0	1	0	1	0	0	0	0	0	0	1	4	5
Homicide	9.0	9.0	0	0	2	0	2	0	1	0	0	0	0	0	0	0	5	1	7
OVERALL			1	1	16	13	20	14	10	6	2	1	1	1	0	1	50	37	87

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-14. Drug-attributable fractions and number of hospital diagnoses due to morbidity attributable to illegal drugs by sex, age and disease category in Nunavut, 2002

CONDITION	DAF%		Number of hospital diagnoses														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	3	3	6	
Cannabinoids	100.0	100.0	0	0	3	2	2	1	1	0	0	0	0	0	0	0	5	3	8	
Cocaine	100.0	100.0	0	0	1	1	3	2	1	0	0	0	0	0	0	0	5	3	8	
Other stimulants, including caffeine	100.0	100.0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
Hallucinogens	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	2	1	2	2	1	1	0	0	0	0	0	0	6	4	10	
Opiate and cocaine poisoning	100.0	100.0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	4	5	10	
Cannabis poisoning	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIV	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Viral hepatitis C	56.0	56.0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	3	2	4	
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pregnancy complications	0.3	0.3	--	0	--	0	--	0	--	0	--	0	--	0	--	0	--	0	0	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
Cannabis-attributable traffic accidents	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Suicide, self-inflicted injuries*	5.2	19.5	0	0	0	1	0	1	0	1	0	0	0	0	0	0	1	3	4	
Homicide	9.0	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
OVERALL			1	1	9	8	11	9	6	4	1	1	1	2	1	1	30	26	55	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-15. Drug-attributable fractions and number of hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Canada, 2002

CONDITION	DAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	25	162	2,242	4,706	8,817	8,301	5,649	4,672	1,428	1,603	816	1,538	585	1,150	19,562	22,132	41,694	
Cannabinoids	100.0	100.0	477	635	22,930	9,065	11,765	5,513	3,595	1,583	480	91	46	0	8	0	39,301	16,888	56,189	
Cocaine	100.0	100.0	36	103	7,130	6,344	13,887	8,882	5,023	1,869	142	47	83	14	0	0	26,301	17,260	43,561	
Other stimulants, including caffeine	100.0	100.0	128	131	2,685	1,476	1,430	1,452	595	270	178	20	157	76	45	98	5,219	3,523	8,741	
Hallucinogens	100.0	100.0	49	125	1,495	498	380	82	147	84	65	2	33	88	70	154	2,239	1,032	3,272	
Multiple drug use and use of other psychoactive substances	100.0	100.0	241	292	12,867	8,732	11,947	9,837	6,910	5,750	1,326	2,172	1,103	2,431	263	1,250	34,657	30,463	65,120	
Opiate and cocaine poisoning	100.0	100.0	920	498	2,357	2,361	5,027	4,650	4,498	5,742	4,680	5,018	7,457	9,356	4,816	11,500	29,756	39,125	68,881	
Cannabis poisoning	100.0	100.0	70	10	111	91	350	58	17	26	45	18	0	0	1	0	594	204	798	
HIV	21.6	21.6	1	38	265	335	2,403	783	1,467	249	222	20	61	65	2	2	4,421	1,492	5,913	
Viral hepatitis C	56.0	56.0	10	14	610	673	4,254	3,889	8,477	3,456	1,842	1,172	1,074	1,380	437	434	16,705	11,017	27,723	
Viral hepatitis B	26.0	26.0	16	1	39	73	431	330	873	331	315	142	216	147	55	86	1,944	1,110	3,054	
Acute and subacute endocarditis	14.0	14.0	30	46	155	178	345	356	683	230	472	217	518	506	163	208	2,366	1,741	4,107	
Pregnancy complications	0.3	0.3	--	0	--	76	--	102	--	0	--	0	--	0	--	0	--	179	179	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	5	6	0	0	0	0	0	0	0	0	0	0	0	0	5	6	11	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	745	635	--	--	--	--	--	--	--	--	--	--	--	--	745	635	1,380	
Cannabis-attributable traffic accidents	1.4	1.4	38	29	365	132	194	96	188	101	74	71	95	92	47	67	1,002	587	1,589	
Cocaine-attributable traffic accidents	0.3	0.3	8	6	78	28	42	20	40	22	16	15	20	20	10	14	215	126	340	
Suicide, self-inflicted injuries*	5.2	19.5	33	437	649	4,271	940	4,781	640	3,261	372	1,401					2,635	14,151	16,786	
Homicide	9.0	9.0	95	58	703	252	630	219	254	86	128	28	101	44	78	106	1,990	793	2,783	
OVERALL			2,929	3,227	54,681	39,292	62,843	49,351	39,056	27,732	11,787	12,037	11,782	15,756	6,579	15,068	189,657	162,465	352,121	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-16. Drug-attributable fractions and number of hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in British Columbia, 2002

CONDITION	DAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	8	51	710	1,489	2,790	2,627	1,788	1,479	452	507	258	487	185	364	6,191	7,004	13,194	
Cannabinoids	100.0	100.0	109	146	5,259	2,079	2,698	1,264	824	363	110	21	11	0	2	0	9,013	3,873	12,886	
Cocaine	100.0	100.0	13	38	2,643	2,352	5,149	3,293	1,862	693	53	18	31	5	0	0	9,751	6,399	16,150	
Other stimulants, including caffeine	100.0	100.0	40	41	843	464	449	456	187	85	56	6	49	24	14	31	1,639	1,106	2,746	
Hallucinogens	100.0	100.0	11	28	333	111	85	18	33	19	15	0	7	20	15	34	498	230	728	
Multiple drug use and use of other psychoactive substances	100.0	100.0	49	60	2,629	1,784	2,441	2,010	1,412	1,175	271	444	225	497	54	255	7,082	6,225	13,306	
Opiate and cocaine poisoning	100.0	100.0	124	67	318	319	679	628	607	775	632	678	1,007	1,263	650	1,553	4,018	5,283	9,301	
Cannabis poisoning	100.0	100.0	19	3	31	25	97	16	5	7	13	5	0	0	0	0	165	57	222	
HIV	21.6	21.6	0	11	80	101	726	236	443	75	67	6	19	20	1	1	1,335	450	1,785	
Viral hepatitis C	56.0	56.0	2	3	129	143	902	824	1,797	733	391	248	228	292	93	92	3,541	2,335	5,877	
Viral hepatitis B	26.0	26.0	4	0	8	16	94	72	190	72	68	31	47	32	12	19	422	241	664	
Acute and subacute endocarditis	14.0	14.0	5	8	28	33	63	65	125	42	87	40	95	93	30	38	434	319	753	
Pregnancy complications	0.3	0.3	--	0	--	12	--	16	--	0	--	0	--	0	--	0	--	28	28	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	101	86	--	--	--	--	--	--	--	--	--	--	--	--	101	86	186	
Cannabis-attributable traffic accidents	1.4	1.4	6	5	60	22	32	16	31	17	12	12	16	15	8	11	165	97	262	
Cocaine-attributable traffic accidents	0.3	0.3	1	1	13	5	7	3	7	4	3	2	3	3	2	2	35	21	56	
Suicide, self-inflicted injuries*	5.2	19.5	5	67	100	656	144	734	98	501	57	215					405	2,173	2,578	
Homicide	9.0	9.0	16	10	117	42	105	36	42	14	21	5	17	7	13	18	332	132	464	
OVERALL			517	627	13,302	9,652	16,461	12,316	9,451	6,053	2,307	2,238	2,013	2,758	1,078	2,417	45,128	36,061	81,189	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-17. Drug-attributable fractions and number of hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Alberta, 2002

CONDITION	DAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	3	20	275	577	1,082	1,019	693	573	175	197	100	189	72	141	2,400	2,716	5,116	
Cannabinoids	100.0	100.0	77	103	3,723	1,472	1,910	895	584	257	78	15	7	0	1	0	6,381	2,742	9,123	
Cocaine	100.0	100.0	5	13	927	825	1,806	1,155	653	243	19	6	11	2	0	0	3,421	2,245	5,666	
Other stimulants, including caffeine	100.0	100.0	27	28	566	311	302	306	126	57	37	4	33	16	9	21	1,100	743	1,843	
Hallucinogens	100.0	100.0	9	23	270	90	69	15	27	15	12	0	6	16	13	28	405	187	591	
Multiple drug use and use of other psychoactive substances	100.0	100.0	30	37	1,611	1,093	1,496	1,231	865	720	166	272	138	304	33	156	4,338	3,813	8,151	
Opiate and cocaine poisoning	100.0	100.0	135	73	345	346	736	681	658	841	685	735	1,092	1,370	705	1,683	4,356	5,727	10,083	
Cannabis poisoning	100.0	100.0	4	1	6	5	19	3	1	1	3	1	0	0	0	0	33	11	44	
HIV	21.6	21.6	0	2	12	16	112	36	68	12	10	1	3	3	0	0	205	69	275	
Viral hepatitis C	56.0	56.0	1	2	81	90	565	517	1,127	459	245	156	143	183	58	58	2,220	1,464	3,684	
Viral hepatitis B	26.0	26.0	1	0	2	5	27	21	55	21	20	9	14	9	3	5	121	69	191	
Acute and subacute endocarditis	14.0	14.0	3	4	14	16	31	32	61	21	42	19	47	45	15	19	213	156	369	
Pregnancy complications	0.3	0.3	--	0	--	7	--	10	--	0	--	0	--	0	--	0	--	17	17	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	78	66	--	--	--	--	--	--	--	--	--	--	--	--	78	66	144	
Cannabis-attributable traffic accidents	1.4	1.4	4	3	38	14	20	10	19	10	8	7	10	9	5	7	103	60	164	
Cocaine-attributable traffic accidents	0.3	0.3	1	1	8	3	4	2	4	2	2	2	2	2	1	1	22	13	35	
Suicide, self-inflicted injuries*	5.2	19.5	4	49	72	477	105	534	71	364	41	156					294	1,580	1,874	
Homicide	9.0	9.0	14	8	101	36	91	32	37	12	18	4	15	6	11	15	287	114	401	
OVERALL			395	432	8,053	5,382	8,374	6,498	5,049	3,609	1,561	1,584	1,619	2,155	926	2,135	25,978	21,794	47,773	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-18. Drug-attributable fractions and number of hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Saskatchewan, 2002

CONDITION	DAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	1	5	68	143	267	252	171	142	43	49	25	47	18	35	593	671	1,265	
Cannabinoids	100.0	100.0	19	25	920	364	472	221	144	63	19	4	2	0	0	0	1,576	677	2,253	
Cocaine	100.0	100.0	1	2	116	104	227	145	82	31	2	1	1	0	0	0	430	282	712	
Other stimulants, including caffeine	100.0	100.0	5	5	95	52	51	51	21	10	6	1	6	3	2	3	185	125	310	
Hallucinogens	100.0	100.0	1	3	33	11	8	2	3	2	1	0	1	2	2	3	49	23	72	
Multiple drug use and use of other psychoactive substances	100.0	100.0	8	9	406	276	377	311	218	182	42	69	35	77	8	39	1,095	962	2,057	
Opiate and cocaine poisoning	100.0	100.0	32	17	81	81	173	160	155	197	161	172	256	321	165	395	1,022	1,344	2,367	
Cannabis poisoning	100.0	100.0	2	0	3	3	10	2	0	1	1	1	0	0	0	0	17	6	22	
HIV	21.6	21.6	0	0	2	3	18	6	11	2	2	0	0	0	0	0	33	11	45	
Viral hepatitis C	56.0	56.0	0	0	14	16	99	90	197	80	43	27	25	32	10	10	389	256	645	
Viral hepatitis B	26.0	26.0	0	0	0	1	4	3	7	3	3	1	2	1	0	1	16	9	25	
Acute and subacute endocarditis	14.0	14.0	1	1	5	5	10	10	20	7	14	6	15	15	5	6	69	51	121	
Pregnancy complications	0.3	0.3	--	0	--	3	--	4	--	0	--	0	--	0	--	0	--	7	7	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	26	22	--	--	--	--	--	--	--	--	--	--	--	--	26	22	48	
Cannabis-attributable traffic accidents	1.4	1.4	2	1	15	6	8	4	8	4	3	3	4	4	2	3	42	25	67	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	3	1	2	1	2	1	1	1	1	1	0	1	9	5	14	
Suicide, self-inflicted injuries*	5.2	19.5	1	14	21	139	31	155	21	106	12	45					85	459	545	
Homicide	9.0	9.0	6	4	45	16	40	14	16	5	8	2	6	3	5	7	127	51	178	
OVERALL			104	110	1,829	1,221	1,797	1,431	1,077	835	362	381	379	506	218	503	5,766	4,988	10,754	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-19. Drug-attributable fractions and number of hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Manitoba, 2002

CONDITION	DAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	1	6	88	184	346	325	221	183	56	63	32	60	23	45	767	868	1,635	
Cannabinoids	100.0	100.0	19	25	896	354	460	215	140	62	19	4	2	0	0	0	1,536	660	2,195	
Cocaine	100.0	100.0	1	4	275	245	536	343	194	72	5	2	3	1	0	0	1,015	666	1,681	
Other stimulants, including caffeine	100.0	100.0	5	5	105	58	56	57	23	11	7	1	6	3	2	4	205	138	343	
Hallucinogens	100.0	100.0	2	5	59	20	15	3	6	3	3	0	1	3	3	6	89	41	129	
Multiple drug use and use of other psychoactive substances	100.0	100.0	9	11	506	344	470	387	272	226	52	85	43	96	10	49	1,364	1,199	2,562	
Opiate and cocaine poisoning	100.0	100.0	37	20	96	96	204	189	182	233	190	203	302	379	195	466	1,207	1,587	2,793	
Cannabis poisoning	100.0	100.0	3	0	4	3	13	2	1	1	2	1	0	0	0	0	23	8	30	
HIV	21.6	21.6	0	1	10	13	93	30	57	10	9	1	2	3	0	0	171	58	229	
Viral hepatitis C	56.0	56.0	0	1	25	27	171	157	341	139	74	47	43	56	18	17	673	444	1,116	
Viral hepatitis B	26.0	26.0	1	0	2	3	17	13	35	13	13	6	9	6	2	3	77	44	122	
Acute and subacute endocarditis	14.0	14.0	1	2	6	7	14	14	27	9	19	9	21	20	7	8	94	69	164	
Pregnancy complications	0.3	0.3	--	0	--	3	--	4	--	0	--	0	--	0	--	0	--	7	7	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	28	24	--	--	--	--	--	--	--	--	--	--	--	--	28	24	52	
Cannabis-attributable traffic accidents	1.4	1.4	2	1	14	5	8	4	7	4	3	3	4	4	2	3	39	23	62	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	3	1	2	1	2	1	1	1	1	1	0	1	8	5	13	
Suicide, self-inflicted injuries*	5.2	19.5	1	17	26	168	37	188	25	128	15	55					104	557	661	
Homicide	9.0	9.0	4	2	28	10	25	9	10	3	5	1	4	2	3	4	78	31	110	
OVERALL			115	126	2,143	1,541	2,466	1,941	1,544	1,099	471	481	474	633	265	607	7,478	6,429	13,907	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-20. Drug-attributable fractions and number of hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Ontario, 2002

CONDITION	DAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	5	31	428	897	1,681	1,583	1,077	891	272	306	156	293	112	219	3,730	4,220	7,950	
Cannabinoids	100.0	100.0	94	125	4,504	1,780	2,311	1,083	706	311	94	18	9	0	1	0	7,719	3,317	11,036	
Cocaine	100.0	100.0	6	16	1,103	981	2,148	1,374	777	289	22	7	13	2	0	0	4,067	2,669	6,737	
Other stimulants, including caffeine	100.0	100.0	11	11	233	128	124	126	52	23	15	2	14	7	4	9	454	306	760	
Hallucinogens	100.0	100.0	11	28	339	113	86	19	33	19	15	0	7	20	16	35	508	234	742	
Multiple drug use and use of other psychoactive substances	100.0	100.0	63	77	3,386	2,298	3,144	2,589	1,819	1,513	349	572	290	640	69	329	9,121	8,017	17,138	
Opiate and cocaine poisoning	100.0	100.0	289	156	739	740	1,577	1,458	1,411	1,801	1,468	1,574	2,339	2,934	1,511	3,607	9,332	12,271	21,603	
Cannabis poisoning	100.0	100.0	21	3	33	27	104	17	5	8	14	5	0	0	0	0	177	61	238	
HIV	21.6	21.6	0	12	84	106	761	248	464	79	70	6	19	21	1	1	1,400	472	1,873	
Viral hepatitis C	56.0	56.0	3	4	169	187	1,181	1,080	2,354	959	512	325	298	383	121	120	4,638	3,059	7,697	
Viral hepatitis B	26.0	26.0	6	0	14	27	160	123	325	123	117	53	81	55	20	32	725	414	1,138	
Acute and subacute endocarditis	14.0	14.0	10	15	52	60	116	120	230	77	159	73	174	170	55	70	796	586	1,382	
Pregnancy complications	0.3	0.3	--	0	--	27	--	36	--	0	--	0	--	0	--	0	--	62	62	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	264	225	--	--	--	--	--	--	--	--	--	--	--	--	264	225	489	
Cannabis-attributable traffic accidents	1.4	1.4	11	8	100	36	53	26	52	28	20	19	26	25	13	18	275	161	435	
Cocaine-attributable traffic accidents	0.3	0.3	2	2	21	8	11	6	11	6	4	4	6	5	3	4	59	34	93	
Suicide, self-inflicted injuries*	5.2	19.5	11	139	206	1,354	298	1,516	203	1,034	118	444					835	4,486	5,322	
Homicide	9.0	9.0	25	15	185	66	165	57	67	23	34	7	27	12	20	28	523	208	731	
OVERALL			832	869	11,596	8,837	13,922	11,460	9,585	7,185	3,283	3,417	3,459	4,567	1,946	4,471	44,623	40,804	85,427	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-21. Drug-attributable fractions and number of hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Quebec, 2002

CONDITION	DAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	6	41	568	1,193	2,234	2,104	1,432	1,184	362	406	207	390	148	291	4,958	5,609	10,566	
Cannabinoids	100.0	100.0	121	160	5,792	2,290	2,972	1,393	908	400	121	23	12	0	2	0	9,927	4,266	14,192	
Cocaine	100.0	100.0	9	26	1,779	1,583	3,465	2,216	1,253	466	36	12	21	4	0	0	6,562	4,306	10,868	
Other stimulants, including caffeine	100.0	100.0	32	33	682	375	363	369	151	69	45	5	40	19	11	25	1,325	895	2,220	
Hallucinogens	100.0	100.0	13	32	382	127	97	21	38	21	17	0	8	22	18	39	573	264	837	
Multiple drug use and use of other psychoactive substances	100.0	100.0	61	74	3,273	2,221	3,039	2,502	1,758	1,463	337	553	281	618	67	318	8,816	7,749	16,565	
Opiate and cocaine poisoning	100.0	100.0	241	131	618	619	1,318	1,219	1,179	1,505	1,227	1,316	1,955	2,453	1,263	3,015	7,801	10,257	18,057	
Cannabis poisoning	100.0	100.0	17	3	27	23	86	14	4	6	11	4	0	0	0	0	147	50	197	
HIV	21.6	21.6	0	9	66	84	602	196	367	62	56	5	15	16	0	1	1,107	374	1,481	
Viral hepatitis C	56.0	56.0	3	4	159	175	1,107	1,012	2,206	899	479	305	280	359	114	113	4,348	2,867	7,215	
Viral hepatitis B	26.0	26.0	4	0	10	19	111	85	225	85	81	37	56	38	14	22	501	286	787	
Acute and subacute endocarditis	14.0	14.0	8	12	40	46	89	92	176	59	122	56	133	130	42	54	610	449	1,058	
Pregnancy complications	0.3	0.3	--	0	--	19	--	25	--	0	--	0	--	0	--	0	--	44	44	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	181	155	--	--	--	--	--	--	--	--	--	--	--	--	181	155	336	
Cannabis-attributable traffic accidents	1.4	1.4	10	7	93	33	49	24	48	26	19	18	24	23	12	17	255	149	404	
Cocaine-attributable traffic accidents	0.3	0.3	2	2	20	7	11	5	10	6	4	4	5	5	3	4	55	32	86	
Suicide, self-inflicted injuries*	5.2	19.5	8	111	165	1,087	239	1,217	163	830	95	357					671	3,603	4,273	
Homicide	9.0	9.0	24	15	179	64	160	56	65	22	33	7	26	11	20	27	506	202	708	
OVERALL			743	816	13,853	9,965	15,943	12,550	9,983	7,104	3,044	3,107	3,062	4,089	1,714	3,925	48,341	41,557	89,898	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-22. Drug-attributable fractions and number of hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in New Brunswick, 2002

CONDITION	DAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	1	4	57	120	225	212	144	119	36	41	21	39	15	29	500	565	1,065	
Cannabinoids	100.0	100.0	12	16	584	231	300	140	92	40	12	2	1	0	0	0	1,001	430	1,430	
Cocaine	100.0	100.0	1	3	179	160	349	223	126	47	4	1	2	0	0	0	661	434	1,095	
Other stimulants, including caffeine	100.0	100.0	3	3	69	38	37	37	15	7	5	1	4	2	1	3	134	90	224	
Hallucinogens	100.0	100.0	1	3	39	13	10	2	4	2	2	0	1	2	2	4	58	27	84	
Multiple drug use and use of other psychoactive substances	100.0	100.0	6	7	330	224	306	252	177	147	34	56	28	62	7	32	889	781	1,670	
Opiate and cocaine poisoning	100.0	100.0	24	13	62	62	133	123	119	152	124	133	197	247	127	304	786	1,034	1,820	
Cannabis poisoning	100.0	100.0	2	0	3	2	9	1	0	1	1	0	0	0	0	0	15	5	20	
HIV	21.6	21.6	0	1	7	8	61	20	37	6	6	1	2	2	0	0	112	38	149	
Viral hepatitis C	56.0	56.0	0	0	16	18	112	102	222	91	48	31	28	36	11	11	438	289	727	
Viral hepatitis B	26.0	26.0	0	0	1	2	11	9	23	9	8	4	6	4	1	2	50	29	79	
Acute and subacute endocarditis	14.0	14.0	1	1	4	5	9	9	18	6	12	6	13	13	4	5	61	45	107	
Pregnancy complications	0.3	0.3	--	0	--	2	--	3	--	0	--	0	--	0	--	0	--	4	4	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	18	16	--	--	--	--	--	--	--	--	--	--	--	--	18	16	34	
Cannabis-attributable traffic accidents	1.4	1.4	1	1	9	3	5	2	5	3	2	2	2	2	1	2	26	15	41	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	2	1	1	1	1	1	0	0	1	1	0	0	5	3	9	
Suicide, self-inflicted injuries*	5.2	19.5	1	11	17	110	24	123	16	84	10	36					68	363	431	
Homicide	9.0	9.0	2	1	18	6	16	6	7	2	3	1	3	1	2	3	51	20	71	
OVERALL			75	82	1,396	1,004	1,607	1,265	1,006	716	307	313	309	412	173	396	4,873	4,189	9,061	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-23. Drug-attributable fractions and number of hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Nova Scotia, 2002

CONDITION	DAF%		Number of hospital days														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Mental and behavioural disorders due to use of:																			
Opioids	100.0	100.0	0	2	25	52	97	91	62	51	16	18	9	17	6	13	215	243	458
Cannabinoids	100.0	100.0	18	25	887	351	455	213	139	61	19	4	2	0	0	0	1,521	654	2,175
Cocaine	100.0	100.0	0	0	32	28	61	39	22	8	1	0	0	0	0	0	116	76	193
Other stimulants, including caffeine	100.0	100.0	3	3	52	29	28	28	12	5	3	0	3	1	1	2	102	69	171
Hallucinogens	100.0	100.0	1	2	21	7	5	1	2	1	1	0	0	1	1	2	32	15	46
Multiple drug use and use of other psychoactive substances	100.0	100.0	8	9	407	276	378	311	219	182	42	69	35	77	8	40	1,096	964	2,060
Opiate and cocaine poisoning	100.0	100.0	23	12	58	58	124	115	111	142	116	124	184	231	119	284	735	967	1,702
Cannabis poisoning	100.0	100.0	1	0	2	2	7	1	0	0	1	0	0	0	0	0	11	4	15
HIV	21.6	21.6	0	0	2	3	18	6	11	2	2	0	0	0	0	0	33	11	44
Viral hepatitis C	56.0	56.0	0	0	10	12	73	66	145	59	31	20	18	24	7	7	285	188	473
Viral hepatitis B	26.0	26.0	0	0	0	1	4	3	8	3	3	1	2	1	0	1	18	10	28
Acute and subacute endocarditis	14.0	14.0	1	1	3	4	7	7	14	5	10	5	11	11	3	4	49	36	86
Pregnancy complications	0.3	0.3	--	0	--	3	--	4	--	0	--	0	--	0	--	0	--	6	6
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	30	26	--	--	--	--	--	--	--	--	--	--	--	--	30	26	56
Cannabis-attributable traffic accidents	1.4	1.4	3	2	27	10	14	7	14	7	5	5	7	7	3	5	74	43	117
Cocaine-attributable traffic accidents	0.3	0.3	1	0	6	2	3	2	3	2	1	1	1	1	1	1	16	9	25
Suicide, self-inflicted injuries*	5.2	19.5	1	16	23	152	33	170	23	116	13	50					94	503	597
Homicide	9.0	9.0	2	1	17	6	16	5	6	2	3	1	3	1	2	3	49	20	69
OVERALL			92	100	1,574	994	1,324	1,071	791	647	267	298	276	373	153	362	4,477	3,843	8,320

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-24. Drug-attributable fractions and number of hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Prince Edward Island, 2002

CONDITION	DAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	6	12	23	22	15	12	4	4	2	4	2	3	52	59	111	
Cannabinoids	100.0	100.0	2	3	116	46	59	28	18	8	2	0	0	0	0	0	198	85	284	
Cocaine	100.0	100.0	0	0	15	13	29	19	10	4	0	0	0	0	0	0	55	36	91	
Other stimulants, including caffeine	100.0	100.0	1	1	11	6	6	6	2	1	1	0	1	0	0	0	21	14	35	
Hallucinogens	100.0	100.0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1	3	
Multiple drug use and use of other psychoactive substances	100.0	100.0	3	3	139	94	129	106	74	62	14	23	12	26	3	13	374	328	702	
Opiate and cocaine poisoning	100.0	100.0	4	2	11	11	23	22	21	27	22	23	35	44	22	54	139	182	321	
Cannabis poisoning	100.0	100.0	1	0	1	1	3	1	0	0	0	0	0	0	0	0	5	2	7	
HIV	21.6	21.6	0	0	0	1	4	1	2	0	0	0	0	0	0	0	7	2	10	
Viral hepatitis C	56.0	56.0	0	0	1	2	10	9	21	8	4	3	3	3	1	1	41	27	68	
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Acute and subacute endocarditis	14.0	14.0	0	0	1	1	2	2	4	1	3	1	3	3	1	1	13	9	22	
Pregnancy complications	0.3	0.3	--	0	--	0	--	0	--	0	--	0	--	0	--	0	--	0	0	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	2	2	--	--	--	--	--	--	--	--	--	--	--	--	2	2	4	
Cannabis-attributable traffic accidents	1.4	1.4	0	0	2	1	1	1	1	1	0	0	1	1	0	0	6	4	10	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
Suicide, self-inflicted injuries*	5.2	19.5	0	3	4	25	6	28	4	19	2	8	0	0	0	0	16	84	99	
Homicide	9.0	9.0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	3	1	5	
OVERALL			14	15	310	214	298	245	174	145	54	65	56	81	30	73	936	838	1,774	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-25. Drug-attributable fractions and number of hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Newfoundland, 2002

CONDITION	DAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	1	12	25	47	44	30	25	8	9	4	8	3	6	104	118	222	
Cannabinoids	100.0	100.0	3	4	138	54	71	33	22	9	3	1	0	0	0	0	236	101	337	
Cocaine	100.0	100.0	0	0	9	8	18	12	7	2	0	0	0	0	0	0	35	23	58	
Other stimulants, including caffeine	100.0	100.0	1	1	24	13	13	13	5	2	2	0	1	1	0	1	47	32	79	
Hallucinogens	100.0	100.0	0	1	11	4	3	1	1	1	0	0	0	1	0	1	16	7	23	
Multiple drug use and use of other psychoactive substances	100.0	100.0	3	3	151	102	140	115	81	67	16	25	13	29	3	15	406	357	764	
Opiate and cocaine poisoning	100.0	100.0	10	5	25	25	53	49	47	60	49	52	78	98	50	120	311	409	720	
Cannabis poisoning	100.0	100.0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	
HIV	21.6	21.6	0	0	1	1	5	2	3	1	1	0	0	0	0	0	10	3	13	
Viral hepatitis C	56.0	56.0	0	0	3	3	20	19	40	16	9	6	5	7	2	2	80	52	132	
Viral hepatitis B	26.0	26.0	0	0	0	0	2	1	4	1	1	1	1	1	0	0	9	5	14	
Acute and subacute endocarditis	14.0	14.0	0	0	1	2	3	3	6	2	4	2	5	4	1	2	21	15	36	
Pregnancy complications	0.3	0.3	--	0	--	1	--	2	--	0	--	0	--	0	--	0	--	3	3	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	15	13	--	--	--	--	--	--	--	--	--	--	--	--	15	13	29	
Cannabis-attributable traffic accidents	1.4	1.4	1	0	6	2	3	1	3	2	1	1	1	1	1	1	15	9	24	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	2	5	
Suicide, self-inflicted injuries*	5.2	19.5	1	9	13	85	19	95	13	65	7	28					52	281	333	
Homicide	9.0	9.0	1	1	6	2	6	2	2	1	1	0	1	0	1	1	18	7	25	
OVERALL			35	39	401	328	403	392	265	255	102	125	111	150	63	149	1,379	1,438	2,818	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-26. Drug-attributable fractions and number of hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Yukon, 2002

CONDITION	DAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	2	4	7	7	4	4	1	1	1	1	0	1	15	17	33	
Cannabinoids	100.0	100.0	0	1	18	7	9	4	3	1	0	0	0	0	0	0	32	14	45	
Cocaine	100.0	100.0	0	0	24	21	47	30	17	6	0	0	0	0	0	0	89	58	147	
Other stimulants, including caffeine	100.0	100.0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
Hallucinogens	100.0	100.0	0	0	5	2	1	0	1	0	0	0	0	0	0	1	8	4	12	
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	6	4	5	4	3	2	1	1	0	1	0	1	15	13	28	
Opiate and cocaine poisoning	100.0	100.0	1	0	2	2	3	3	3	4	3	3	5	6	3	8	20	26	46	
Cannabis poisoning	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIV	21.6	21.6	0	0	0	0	1	0	1	0	0	0	0	0	0	0	3	1	4	
Viral hepatitis C	56.0	56.0	0	0	0	0	1	1	2	1	0	0	0	0	0	0	4	3	7	
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	1	1	0	1	0	1	1	0	0	3	2	6	
Pregnancy complications	0.3	0.3	--	0	--	0	--	0	--	0	--	0	--	0	--	0	--	0	0	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
Cannabis-attributable traffic accidents	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Suicide, self-inflicted injuries*	5.2	19.5	0	0	1	4	1	4	1	3	0	1					2	12	15	
Homicide	9.0	9.0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	3	1	4	
OVERALL			2	3	60	45	78	56	36	22	8	8	8	10	5	10	197	154	350	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-27. Drug-attributable fractions and number of hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Northwest Territories, 2002

CONDITION	DAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	2	5	9	8	6	5	1	2	1	2	1	1	19	22	41	
Cannabinoids	100.0	100.0	2	2	73	29	37	18	11	5	2	0	0	0	0	0	125	54	179	
Cocaine	100.0	100.0	0	0	20	18	39	25	14	5	0	0	0	0	0	0	74	49	123	
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hallucinogens	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	11	8	10	8	6	5	1	2	1	2	0	1	30	26	56	
Opiate and cocaine poisoning	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
Cannabis poisoning	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIV	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Viral hepatitis C	56.0	56.0	0	0	1	1	8	8	17	7	4	2	2	3	1	1	33	22	54	
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	3	
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pregnancy complications	0.3	0.3	--	0	--	0	--	0	--	0	--	0	--	0	--	0	--	0	0	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	1	1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	1	
Cannabis-attributable traffic accidents	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Suicide, self-inflicted injuries*	5.2	19.5	0	1	2	11	2	12	2	8	1	4	1	0	0	1	7	37	43	
Homicide	9.0	9.0	1	0	4	1	3	1	1	0	1	0	1	0	0	1	11	4	15	
OVERALL			3	5	113	73	110	81	58	36	10	10	5	7	2	4	302	216	518	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-28. Drug-attributable fractions and number of hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Nunavut, 2002

CONDITION	DAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	2	4	8	8	5	4	1	2	1	1	1	1	18	21	39	
Cannabinoids	100.0	100.0	0	1	21	8	11	5	3	1	0	0	0	0	0	0	37	16	52	
Cocaine	100.0	100.0	0	0	7	6	13	8	5	2	0	0	0	0	0	0	24	16	40	
Other stimulants, including caffeine	100.0	100.0	0	0	3	1	1	1	1	0	0	0	0	0	0	0	5	3	8	
Hallucinogens	100.0	100.0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1	3	
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	12	8	11	9	6	5	1	2	1	2	0	1	33	29	61	
Opiate and cocaine poisoning	100.0	100.0	1	0	2	2	5	5	4	6	5	5	7	9	5	11	29	38	67	
Cannabis poisoning	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
HIV	21.6	21.6	0	0	0	0	2	1	1	0	0	0	0	0	0	0	4	1	5	
Viral hepatitis C	56.0	56.0	0	0	1	1	4	4	8	3	2	1	1	1	0	0	16	11	27	
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	3	
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	2	4	
Pregnancy complications	0.3	0.3	--	0	--	0	--	0	--	0	--	0	--	0	--	0	--	0	0	
Foetus and newborn affected by maternal use of drugs	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	1	1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	1	
Cannabis-attributable traffic accidents	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
Cocaine-attributable traffic accidents	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Suicide, self-inflicted injuries*	5.2	19.5	0	0	1	4	1	4	1	3	0	1	0	0	0	0	2	13	16	
Homicide	9.0	9.0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	1	3	
OVERALL			3	3	51	37	59	46	37	26	11	11	11	15	6	15	179	154	332	

* Values in age group 60-69 yrs represent hospital diagnoses for ages 60+

Table D-HC-D-29. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Canada, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Opioid abuse	0	0	36	31	103	71	58	27	1	2	0	2	1	0	199	133	332	
Cannabis abuse*	0	0	69	25	47	20	9	6	--	--	--	--	--	--	125	51	176	
Cocaine abuse*	0	0	61	22	145	49	28	24	--	--	--	--	--	--	234	95	329	
Amphetamine abuse	0	0	2	2	3	3	2	2	1	1	1	1	0	0	9	10	19	
Other, mixed, or unspecified drug abuse	0	1	82	28	89	53	24	22	3	3	0	1	3	1	200	109	309	
Drug psychoses	0	0	144	31	83	38	22	22	2	2	2	2	2	2	255	97	352	
TOTAL	0	1	394	139	470	234	143	103	6	8	3	6	6	3	1,022	495	1,517	
	Number of hospital days																	
Opioid abuse	0	0	632	595	1,995	1,620	1,239	638	35	79	0	6	57	0	3,958	2,938	6,896	
Cannabis abuse*	0	0	1,918	438	746	511	231	156	--	--	--	--	--	--	2,895	1,105	4,000	
Cocaine abuse*	0	0	1,437	388	2,880	1,032	565	350	--	--	--	--	--	--	4,882	1,770	6,652	
Amphetamine abuse	0	0	45	44	53	55	45	46	17	19	12	15	5	9	177	187	364	
Other, mixed, or unspecified drug abuse	0	3	1,289	290	1,770	938	714	377	85	75	0	3	55	3	3,913	1,688	5,601	
Drug psychoses	0	0	2,942	721	1,893	565	1,072	492	47	61	64	48	38	52	6,056	1,939	7,995	
TOTAL	0	3	8,263	2,476	9,337	4,721	3,866	2,059	184	234	76	72	155	64	21,881	9,627	31,508	

* For 60+ age group no cases identified

Table D-HC-D-30. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in British Columbia, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Opioid abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Cannabis abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	0	0	0	0
Cocaine abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	0	0	0	0
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other, mixed, or unspecified drug abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drug psychoses	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	1	3	3
TOTAL	0	0	1	0	1	1	0	0	0	0	0	0	0	0	3	1	4	4
	Number of hospital days																	
Opioid abuse	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	3	3
Cannabis abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	0	0	0	0
Cocaine abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	0	0	0	0
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other, mixed, or unspecified drug abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drug psychoses	0	0	28	7	18	5	10	5	0	1	1	0	0	0	58	18	76	76
TOTAL	0	0	28	7	19	6	11	5	0	1	1	0	0	0	59	19	79	79

* For 60+ age group no cases identified

Table D-HC-D-31. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Alberta, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Opioid abuse	0	0	1	1	4	3	2	1	0	0	0	0	0	0	0	8	5	13
Cannabis abuse*	0	0	5	2	4	2	1	0	--	--	--	--	--	--	10	4	14	
Cocaine abuse*	0	0	2	1	4	1	1	1	--	--	--	--	--	--	7	3	10	
Amphetamine abuse	0	0	1	1	1	1	1	1	0	0	0	0	0	0	2	3	5	
Other, mixed, or unspecified drug abuse	0	0	7	3	8	5	2	2	0	0	0	0	0	0	18	10	28	
Drug psychoses	0	0	45	10	26	12	7	7	1	1	1	1	1	1	80	30	110	
TOTAL	0	0	62	17	47	23	14	12	1	1	1	1	1	1	125	55	180	
	Number of hospital days																	
Opioid abuse	0	0	23	22	73	59	45	23	1	3	0	0	2	0	144	107	251	
Cannabis abuse*	0	0	250	57	97	67	30	20	--	--	--	--	--	--	377	144	521	
Cocaine abuse*	0	0	39	11	79	28	15	10	--	--	--	--	--	--	134	48	182	
Amphetamine abuse	0	0	14	14	17	17	14	15	6	6	4	5	2	3	56	60	116	
Other, mixed, or unspecified drug abuse	0	0	152	34	209	111	84	44	10	9	0	0	6	0	462	199	661	
Drug psychoses	0	0	1,032	253	664	198	376	173	16	21	22	17	13	18	2,124	680	2,804	
TOTAL	0	0	1,510	390	1,138	480	565	285	33	39	26	22	23	21	3,297	1,238	4,535	

* For 60+ age group no cases identified

Table D-HC-D-32. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Saskatchewan, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Opioid abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabis abuse*	0	0	1	0	1	0	0	0	--	--	--	--	--	--	2	1	3	
Cocaine abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	0	0	0	
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other, mixed, or unspecified drug abuse	0	0	2	1	2	1	0	0	0	0	0	0	0	0	4	2	6	
Drug psychoses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	0	3	1	2	1	1	1	0	0	0	0	0	0	6	3	9	
	Number of hospital days																	
Opioid abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cannabis abuse*	0	0	22	5	9	6	3	2	--	--	--	--	--	--	33	13	46	
Cocaine abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	0	0	0	
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other, mixed, or unspecified drug abuse	0	0	145	33	199	105	80	42	10	8	0	0	6	0	439	190	629	
Drug psychoses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	0	167	38	207	111	83	44	10	8	0	0	6	0	473	202	675	

* For 60+ age group no cases identified

Table D-HC-D-33. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Manitoba, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Opioid abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabis abuse*	0	0	1	0	1	0	0	0	--	--	--	--	--	--	2	1	3	
Cocaine abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	0	0	0	
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other, mixed, or unspecified drug abuse	0	0	1	0	1	1	0	0	0	0	0	0	0	0	3	2	5	
Drug psychoses	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	1	3	
TOTAL	0	0	3	1	3	1	1	1	0	0	0	0	0	0	7	3	10	
	Number of hospital days																	
Opioid abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cannabis abuse*	0	0	7	2	3	2	1	1	--	--	--	--	--	--	11	4	15	
Cocaine abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	0	0	0	
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other, mixed, or unspecified drug abuse	0	0	42	9	58	30	23	12	3	2	0	0	2	0	127	55	182	
Drug psychoses	0	0	41	10	26	8	15	7	1	1	1	1	1	1	84	27	111	
TOTAL	0	0	90	21	87	40	39	20	3	3	1	1	2	1	222	86	308	

* For 60+ age group no cases identified

Table D-HC-D-34. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Ontario, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Opioid abuse	0	0	34	29	96	67	54	25	1	2	0	2	1	0	186	125	311	
Cannabis abuse*	0	0	51	19	35	15	7	4	--	--	--	--	--	--	93	38	131	
Cocaine abuse*	0	0	55	20	130	44	25	21	--	--	--	--	--	--	209	85	294	
Amphetamine abuse	0	0	2	2	2	2	2	2	1	1	0	1	0	0	7	7	14	
Other, mixed, or unspecified drug abuse	0	1	47	16	51	31	14	13	1	2	0	1	1	1	115	63	178	
Drug psychoses	0	0	57	12	33	15	9	9	1	1	1	1	1	1	101	39	140	
TOTAL	0	1	246	97	347	173	110	74	4	5	1	4	3	2	712	356	1,068	
	Number of hospital days																	
Opioid abuse	0	0	601	566	1,898	1,541	1,178	607	33	75	0	6	54	0	3,765	2,794	6,559	
Cannabis abuse*	0	0	1,507	344	586	402	182	123	--	--	--	--	--	--	2,275	868	3,143	
Cocaine abuse*	0	0	1,320	357	2,646	948	519	322	--	--	--	--	--	--	4,486	1,626	6,112	
Amphetamine abuse	0	0	30	30	36	37	30	31	12	13	8	10	3	6	120	128	248	
Other, mixed, or unspecified drug abuse	0	1	725	163	995	527	401	212	48	42	0	1	31	1	2,200	949	3,149	
Drug psychoses	0	0	1,161	285	747	223	423	194	19	24	25	19	15	21	2,390	765	3,155	
TOTAL	0	1	5,345	1,744	6,908	3,678	2,734	1,488	112	154	33	36	103	28	15,235	7,131	22,366	

* For 60+ age group no cases identified

Table D-HC-D-35. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Quebec, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Opioid abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabis abuse*	0	0	5	2	3	1	1	0	--	--	--	--	--	--	9	3	12	
Cocaine abuse*	0	0	4	2	10	3	2	2	--	--	--	--	--	--	16	7	23	
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other, mixed, or unspecified drug abuse	0	0	3	1	3	2	1	1	0	0	0	0	0	0	7	4	11	
Drug psychoses	0	0	29	6	17	8	5	5	0	0	0	0	0	0	52	20	72	
TOTAL	0	0	41	11	33	14	8	7	0	1	0	0	0	0	84	34	118	
	Number of hospital days																	
Opioid abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cannabis abuse*	0	0	70	16	27	19	8	6	--	--	--	--	--	--	105	40	145	
Cocaine abuse*	0	0	72	19	144	52	28	18	--	--	--	--	--	--	244	89	333	
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other, mixed, or unspecified drug abuse	0	0	48	11	66	35	27	14	3	3	0	0	2	0	146	63	209	
Drug psychoses	0	0	525	129	338	101	191	88	8	11	11	9	7	9	1,082	346	1,428	
TOTAL	0	0	715	175	575	206	255	125	12	14	11	9	9	9	1,577	538	2,115	

* For 60+ age group no cases identified

Table D-HC-D-36. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in New Brunswick, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Opioid abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabis abuse*	0	0	1	0	1	0	0	0	--	--	--	--	--	--	2	1	3	
Cocaine abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	1	0	1	
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other, mixed, or unspecified drug abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Drug psychoses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	0	1	1	1	1	0	0	0	0	0	0	0	0	3	1	5	
	Number of hospital days																	
Opioid abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cannabis abuse*	0	0	18	4	7	5	2	1	--	--	--	--	--	--	27	10	37	
Cocaine abuse*	0	0	5	1	10	4	2	1	--	--	--	--	--	--	17	6	23	
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other, mixed, or unspecified drug abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Drug psychoses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	0	23	5	17	8	4	3	0	0	0	0	0	0	44	16	60	

* For 60+ age group no cases identified

Table D-HC-D-37. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Nova Scotia, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Opioid abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabis abuse*	0	0	4	1	2	1	0	0	--	--	--	--	--	--	6	3	9	
Cocaine abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	1	0	1	
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other, mixed, or unspecified drug abuse	0	0	5	2	6	3	2	1	0	0	0	0	0	0	13	7	20	
Drug psychoses	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	1	3	
TOTAL	0	0	10	3	9	5	2	2	0	0	0	0	0	0	22	11	33	
	Number of hospital days																	
Opioid abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cannabis abuse*	0	0	22	5	9	6	3	2	--	--	--	--	--	--	33	13	46	
Cocaine abuse*	0	0	1	0	1	0	0	0	--	--	--	--	--	--	2	1	3	
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other, mixed, or unspecified drug abuse	0	0	26	6	35	19	14	7	2	1	0	0	1	0	78	33	111	
Drug psychoses	0	0	40	10	26	8	15	7	1	1	1	1	1	1	83	26	109	
TOTAL	0	0	88	21	71	33	32	16	2	2	1	1	2	1	195	73	269	

* For 60+ age group no cases identified

Table D-HC-D-38. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Prince Edward Island, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Opioid abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabis abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	0	0	0	0
Cocaine abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	0	0	0	0
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other, mixed, or unspecified drug abuse	0	0	7	2	7	4	2	2	0	0	0	0	0	0	17	9	26	26
Drug psychoses	0	0	2	0	1	1	0	0	0	0	0	0	0	0	4	1	5	5
TOTAL	0	0	9	3	9	5	2	2	0	0	0	0	0	0	20	11	31	31
	Number of hospital days																	
Opioid abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabis abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	0	0	0	0
Cocaine abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	0	0	0	0
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other, mixed, or unspecified drug abuse	0	0	66	15	91	48	37	19	4	4	0	0	3	0	201	86	287	287
Drug psychoses	0	0	37	9	24	7	13	6	1	1	1	1	0	1	76	24	100	100
TOTAL	0	0	103	24	114	55	50	25	5	5	1	1	3	1	276	111	387	387

* For 60+ age group no cases identified

Table D-HC-D-39. Number of psychiatric hospitalizations and hospital days due to morbidity attributable to illegal drugs by sex, age and disease category in Newfoundland, 2002

CONDITION	Number of psychiatric hospitalizations																TOTAL	OVERALL
	5-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Opioid abuse	0	0	1	1	2	1	1	1	0	0	0	0	0	0	4	3	7	
Cannabis abuse*	0	0	1	0	1	0	0	0	--	--	--	--	--	--	2	1	3	
Cocaine abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	0	0	0	
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other, mixed, or unspecified drug abuse	0	0	9	3	10	6	3	2	0	0	0	0	0	0	22	12	34	
Drug psychoses	0	0	7	1	4	2	1	1	0	0	0	0	0	0	12	5	17	
TOTAL	0	0	18	6	17	9	5	4	0	0	0	0	0	40	20	61		
	Number of hospital days																	
Opioid abuse	0	0	7	6	21	17	13	7	0	1	0	0	1	0	42	32	74	
Cannabis abuse*	0	0	23	5	9	6	3	2	--	--	--	--	--	--	34	13	47	
Cocaine abuse*	0	0	0	0	0	0	0	0	--	--	--	--	--	--	0	0	0	
Amphetamine abuse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other, mixed, or unspecified drug abuse	0	0	107	24	148	78	60	31	7	6	0	0	5	0	326	141	467	
Drug psychoses	0	0	78	19	50	15	28	13	1	2	2	1	1	1	161	51	212	
TOTAL	0	0	215	55	228	117	104	53	9	9	2	2	6	2	563	237	800	

* For 60+ age group no cases identified

Table D-HC-D-40. Specialized treatment: number of inpatient admissions for illegal drugs by sex and age in provinces, territories, and Canada, 2002

PROVINCES/ TERRITORIES	Inpatient admissions																TOTAL	OVERALL
	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
British Columbia	16	5	2,421	1,115	2,206	864	447	229	38	11	2	5	2	2	5,132	2,232	7,364	
Alberta	12	3	1,816	691	1,654	536	335	142	28	7	2	3	2	1	3,849	1,383	5,232	
Saskatchewan	4	1	608	279	554	216	112	57	9	3	1	1	1	1	1,288	558	1,846	
Manitoba	2	1	269	122	245	95	50	25	4	1	0	1	0	0	570	244	814	
Ontario	47	16	7,036	3,270	6,410	2,535	1,298	673	109	31	6	16	6	6	14,913	6,547	21,459	
Quebec	14	5	2,155	978	1,964	758	398	201	34	9	2	5	2	2	4,568	1,958	6,526	
New Brunswick	3	1	450	209	410	162	83	43	7	2	0	1	0	0	954	418	1,372	
Nova Scotia	2	1	292	132	266	103	54	27	5	1	0	1	0	0	619	265	884	
Prince Edward Island	1	0	83	39	76	30	15	8	1	0	0	0	0	0	176	78	254	
Newfoundland	2	1	317	147	288	114	58	30	5	1	0	1	0	0	671	294	965	
Northwest Territories	0	0	11	6	10	4	2	1	0	0	0	0	0	0	23	11	34	
Yukon	1	0	90	41	82	32	17	8	1	0	0	0	0	0	190	82	272	
Nunavut	0	0	17	7	16	6	3	1	0	0	0	0	0	0	37	14	51	
CANADA	104	34	15,564	7,036	14,181	5,453	2,871	1,448	242	67	14	34	14	13	32,989	14,085	47,073	

Table D-HC-D-41. Specialized treatment: inpatient days for illegal drugs by sex and age in provinces, territories, and Canada, 2002

PROVINCES/ TERRITORIES	Inpatient days of treatment																TOTAL	OVERALL
	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
British Columbia	102	34	15,374	7,080	14,007	5,488	2,836	1,457	239	68	14	34	14	14	32,586	14,173	46,759	
Alberta	81	22	12,166	4,630	11,084	3,589	2,244	953	189	44	11	22	11	9	25,786	9,269	35,054	
Saskatchewan	26	8	3,859	1,770	3,516	1,372	712	364	60	17	3	8	3	3	8,180	3,543	11,723	
Manitoba	11	4	1,706	774	1,555	600	315	159	27	7	2	4	2	1	3,617	1,550	5,167	
Ontario	298	99	44,677	20,765	40,706	16,096	8,241	4,272	695	199	40	99	40	40	94,696	41,571	136,267	
Quebec	91	30	13,685	6,210	12,469	4,813	2,524	1,278	213	59	12	30	12	12	29,006	12,431	41,437	
New Brunswick	12	3	3,179	1,033	3,397	880	709	285	60	17	0	8	0	0	7,358	2,226	9,584	
Nova Scotia	12	4	1,752	795	1,596	616	323	164	27	8	2	4	2	2	3,713	1,591	5,304	
Prince Edward Island	4	1	527	248	480	192	97	51	8	2	0	1	0	0	1,116	496	1,612	
Newfoundland	13	4	2,011	933	1,832	723	371	192	31	9	2	4	2	2	4,261	1,867	6,128	
Northwest Territories	0	0	32	16	25	11	7	4	1	0	0	0	0	0	65	32	97	
Yukon	1	0	78	35	71	27	14	7	1	0	0	0	0	0	164	70	235	
Nunavut	1	0	111	46	101	36	20	9	2	0	0	0	0	0	235	92	327	
CANADA	652	210	99,156	44,334	90,838	34,442	18,412	9,194	1,554	432	86	215	86	83	210,783	88,911	299,694	

Table D-HC-D-42. Specialized treatment: number of outpatient admissions for illegal drugs by sex and age in provinces, territories, and Canada, 2002

PROVINCES/ TERRITORIES	Outpatient admissions																TOTAL	OVERALL
	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
British Columbia	603	293	6,967	3,078	1,399	912	334	245	5	48	2	16	2	2	9,312	4,595	13,907	
Alberta	346	527	4,004	5,534	804	1,640	192	441	3	86	1	29	1	4	5,352	8,261	13,613	
Saskatchewan	151	73	1,749	770	351	228	84	61	1	12	1	4	1	1	2,338	1,149	3,486	
Manitoba	67	32	771	340	155	101	37	27	1	5	0	2	0	0	1,031	508	1,538	
Ontario	1,751	861	20,248	9,028	4,065	2,676	969	720	16	141	6	47	6	6	27,061	13,478	40,539	
Quebec	535	260	6,182	2,726	1,241	808	296	217	5	43	2	14	2	2	8,263	4,070	12,333	
New Brunswick	112	55	1,295	577	260	171	62	46	1	9	0	3	0	0	1,731	861	2,592	
Nova Scotia	74	36	860	379	173	112	41	30	1	6	0	2	0	0	1,150	566	1,716	
Prince Edward Island	21	10	239	108	48	32	11	9	0	2	0	1	0	0	319	161	480	
Newfoundland	79	39	911	405	183	120	44	32	1	6	0	2	0	0	1,218	605	1,823	
Northwest Territories	2	1	21	13	4	4	1	1	0	0	0	0	0	0	29	19	48	
Yukon	1	0	174	79	159	61	32	16	3	1	0	0	0	0	370	158	528	
Nunavut	4	2	50	20	10	6	2	2	0	0	0	0	0	0	67	30	97	
CANADA	3,746	2,191	43,473	23,057	8,852	6,871	2,105	1,848	36	359	14	120	14	16	58,239	34,461	92,700	

Table D-HC-D-43. Specialized treatment: outpatient days for illegal drugs by sex and age in provinces, territories, and Canada, 2002

PROVINCES/ TERRITORIES	Outpatient days of treatment																TOTAL	OVERALL
	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
British Columbia	13,407	6,528	155,024	68,485	31,125	20,296	7,422	5,460	120	1,068	48	356	48	47	207,193	102,240	309,434	
Alberta	7,792	11,868	90,097	124,508	18,089	36,899	4,314	9,926	70	1,942	28	647	28	86	120,416	185,878	306,294	
Saskatchewan	3,366	1,632	38,916	17,121	7,813	5,074	1,863	1,365	30	267	12	89	12	12	52,012	25,561	77,572	
Manitoba	1,484	721	17,157	7,565	3,445	2,242	821	603	13	118	5	39	5	5	22,930	11,294	34,224	
Ontario	38,963	19,148	450,507	200,875	90,449	59,532	21,569	16,014	348	3,133	139	1,044	139	139	602,114	299,886	902,000	
Quebec	11,897	5,782	137,560	60,657	27,618	17,976	6,586	4,836	106	946	42	315	42	42	183,852	90,554	274,406	
New Brunswick	35,461	11,574	270,822	133,437	52,346	29,950	12,980	8,807	222	606	0	266	0	0	371,832	184,640	556,472	
Nova Scotia	1,637	795	18,925	8,345	3,800	2,473	906	665	15	130	6	43	6	6	25,294	12,458	37,752	
Prince Edward Island	459	228	5,312	2,395	1,066	710	254	191	4	37	2	12	2	2	7,099	3,575	10,674	
Newfoundland	1,753	860	20,273	9,022	4,070	2,674	971	719	16	141	6	47	6	6	27,095	13,468	40,564	
Northwest Territories	2	1	62	37	11	9	3	3	0	2	0	1	0	0	78	53	132	
Yukon	1	0	150	68	137	53	28	14	2	1	0	0	0	0	319	137	456	
Nunavut	97	42	1,116	445	224	132	53	35	1	7	0	2	0	0	1,492	664	2,156	
CANADA	116,319	59,180	1,205,920	632,960	240,193	178,020	57,770	48,639	946	8,398	289	2,863	289	347	1,621,727	930,408	2,552,135	

Table D-HC-S-1. Smoking-attributable fractions, mean age at hospital diagnosis, and number of hospital diagnoses due to morbidity attributable to tobacco by sex, age and disease category in Canada, 2002

CONDITION	SAF%		Mean age		Number of hospital diagnoses																TOTAL		OVERALL
	(all ages)		at diagnosis		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
ACTIVE SMOKERS																							
MALIGNANT NEOPLASMS																							
Oropharyngeal cancer	58.7	51.3	59.6	60.1	--	--	31	37	210	131	819	374	553	238	377	208	138	127	2,128	1,116	3,244		
Oesophageal cancer	48.8	40.0	66.4	68.8	--	--	4	0	37	12	347	76	373	105	396	113	181	81	1,338	387	1,725		
Stomach cancer	16.4	12.5	67.0	66.1	--	--	3	3	25	17	118	57	148	47	159	67	93	44	546	233	780		
Pancreatic cancer	17.7	13.4	65.6	67.5	--	--	2	4	25	18	177	109	159	115	172	141	87	91	623	478	1,101		
Laryngeal cancer	67.7	60.8	65.8	64.2	--	--	2	5	32	12	219	62	333	66	260	66	103	26	950	236	1,187		
Trachea, bronchus and lung cancers	88.6	63.8	68.6	66.2	--	--	32	19	302	317	3,291	2,521	5,507	3,257	6,725	3,120	2,631	1,207	18,488	10,441	28,929		
Cervical cancer	--	36.4	--	48.5	--	--	--	89	--	553	--	440	--	136	--	100	--	63	--	1,381	1,381		
Urinary tract cancer	55.6	38.3	68.7	68.2	--	--	42	40	281	111	1,630	447	2,071	541	2,579	712	1,732	541	8,336	2,392	10,728		
Renal cell carcinoma	26.0	7.5	63.7	62.0	--	--	9	6	66	15	284	52	273	42	246	42	114	19	993	176	1,169		
Bladder cancer	67.7	52.4	72.5	72.6	--	--	15	6	106	45	884	223	1,603	384	2,649	589	2,079	585	7,336	1,832	9,169		
Acute myeloid leukemia	21.9	17.7	59.2	56.4	--	--	24	31	59	42	134	88	110	73	99	54	38	23	465	310	775		
TOTAL	48.9	39.5	67.6	64.5	--	--	141	225	971	1,214	6,736	4,174	9,255	4,577	10,768	4,580	5,003	2,203	32,875	16,974	49,849		
TOBACCO ABUSE																							
Tobacco abuse	100.0	100.0	55.6	52.9	--	--	222	451	630	694	1,558	965	822	669	619	476	190	226	4,042	3,481	7,522		
Toxic effect of tobacco and nicotine	100.0	100.0	29.5	37.0	--	--	4	0	4	7	0	0	0	0	0	0	0	0	7	7	14		
TOTAL	100.0	100.0	55.6	52.8	--	--	226	451	634	701	1,558	965	822	669	619	476	190	226	4,049	3,488	7,536		
CARDIOVASCULAR DISEASES																							
Ischaemic heart disease																							
Age < 45 yrs	51.4	44.3	36.6	36.3	--	--	177	78	6,357	1,681	--	--	--	--	--	--	--	--	6,534	1,758	8,293		
45-59 yrs	42.2	37.3	52.0	52.0	--	--	--	--	--	--	32,360	8,979	--	--	--	--	--	--	32,360	8,979	41,339		
60-69 yrs	29.1	23.4	64.5	64.5	--	--	--	--	--	--	--	--	22,681	8,294	--	--	--	--	22,681	8,294	30,975		
70-79 yrs	10.0	7.3	74.5	74.5	--	--	--	--	--	--	--	--	--	--	9,346	4,518	--	--	9,346	4,518	13,865		
80+ yrs	8.9	5.1	87.0	87.0	--	--	--	--	--	--	--	--	--	--	--	--	4,891	3,340	4,891	3,340	8,232		
Pulmonary circulatory disease	81.0	76.4	65.2	65.8	--	--	271	371	772	1,046	1,894	1,953	2,020	1,990	2,673	2,847	1,621	2,394	9,251	10,601	19,852		
Cardiac arrhythmias																							
Age < 45 yrs	43.6	37.5	33.6	32.9	--	--	456	357	1,569	965	--	--	--	--	--	--	--	--	2,025	1,323	3,348		
45-59 yrs	42.2	37.3	52.0	52.0	--	--	--	--	--	--	5,483	2,348	--	--	--	--	--	--	5,483	2,348	7,832		
60-69 yrs	29.1	23.4	64.5	64.5	--	--	--	--	--	--	--	--	5,782	2,650	--	--	--	--	5,782	2,650	8,432		
70-79 yrs	10.0	7.3	74.5	74.5	--	--	--	--	--	--	--	--	--	--	3,493	2,069	--	--	3,493	2,069	5,562		
80+ yrs	8.9	5.1	87.0	87.0	--	--	--	--	--	--	--	--	--	--	--	--	2,439	2,011	2,439	2,011	4,450		
Heart Failure																							
Age < 45 yrs	41.0	31.7	34.1	34.2	--	--	195	118	809	513	--	--	--	--	--	--	--	--	1,005	631	1,635		
45-59 yrs	42.2	37.3	52.0	52.0	--	--	--	--	--	--	3,841	1,904	--	--	--	--	--	--	3,841	1,904	5,745		
60-69 yrs	29.1	23.4	64.5	64.5	--	--	--	--	--	--	--	--	4,553	2,517	--	--	--	--	4,553	2,517	7,070		
70-79 yrs	10.0	7.3	74.5	74.5	--	--	--	--	--	--	--	--	--	--	3,008	1,911	--	--	3,008	1,911	4,918		
80+ yrs	8.9	5.1	87.0	87.0	--	--	--	--	--	--	--	--	--	--	--	--	2,748	2,319	2,748	2,319	5,066		

Table D-HC-S-1. Continued

CONDITION	SAF%		Mean age		Number of hospital diagnoses																TOTAL		OVERALL
	(all ages)		at diagnosis		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Cerebrovascular diseases*																							
Age < 65 yrs	39.1	35.4	52.8	50.5	--	--	160	212	635	596	2,753	1,830	1,486	812	--	--	--	--	5,033	3,449	8,482		
>= 65 yrs	14.7	10.5	76.9	78.4	--	--	--	--	--	--	--	--	1,039	607	2,581	1,723	1,914	1,783	5,535	4,113	9,647		
Atherosclerosis	33.5	36.9	68.9	69.4	--	--	100	128	338	457	2,369	1,418	3,757	2,137	5,094	3,599	2,380	2,157	14,036	9,896	23,933		
TOTAL	23.7	16.3	62.2	65.2	--	--	1,358	1,264	10,480	5,258	48,700	18,432	41,317	19,006	26,195	16,666	15,994	14,004	144,044	74,631	218,675		
RESPIRATORY DISEASES																							
Pneumonia/ Influenza	17.3	12.8	69.4	68.3	--	--	394	356	939	726	1,825	1,330	2,180	1,313	3,848	2,117	4,060	2,807	13,246	8,648	21,894		
Chronic obstructive pulmonary disease	82.6	76.9	67.0	66.8	--	--	216	178	356	413	823	675	1,037	835	1,707	1,250	1,129	1,113	5,268	4,463	9,731		
TOTAL	22.3	17.9	68.7	67.8	--	--	610	534	1,295	1,139	2,648	2,005	3,217	2,148	5,555	3,367	5,188	3,920	18,514	13,111	31,625		
INTESTINAL DISEASE																							
TOTAL (Ulcers)	47.7	38.3	65.4	68.3	--	--	166	103	578	328	1,280	695	1,277	637	1,723	1,086	1,212	1,177	6,237	4,026	10,263		
CONDITIONS ARISING DURING THE PERINATAL PERIOD																							
Low birthweight and short gestation	24.7	20.6	0.0	0.0	6,770	5,057	--	--	--	--	--	--	--	--	--	--	--	--	6,770	5,057	11,827		
Sudden infant death syndrome	31.2	26.5	0.0	0.0	2	1	--	--	--	--	--	--	--	--	--	--	--	--	2	1	3		
TOTAL	24.7	20.6	0.0	0.0	6,772	5,058	--	--	--	--	--	--	--	--	--	--	--	--	6,772	5,058	11,831		
INJURY																							
TOTAL (Fire Injury)	24.6	24.6	44.9	53.9	--	--	70	15	62	20	52	29	22	11	26	11	12	15	244	101	346		
TOTAL ACTIVE SMOKERS	26.5	19.1	61.8	62.6	6,772	5,058	2,571	2,592	14,020	8,660	60,975	26,300	55,911	27,049	44,887	26,186	27,599	21,545	212,735	117,389	330,125		
PASSIVE SMOKERS																							
Lung cancer	1.6	1.4	66.5	65.2	--	--	1	1	5	7	72	62	111	74	111	64	30	23	330	231	561		
Ischaemic heart disease	1.8	1.5	64.7	70.5	--	--	15	7	216	56	1,725	486	1,614	628	1,541	894	614	697	5,725	2,768	8,493		
TOTAL PASSIVE SMOKERS	1.8	1.4	64.8	70.1	--	--	17	8	221	63	1,797	548	1,725	702	1,652	958	644	720	6,056	2,999	9,054		
OVERALL			61.9	62.8	6,772	5,058	2,587	2,600	14,241	8,722	62,772	26,848	57,636	27,751	46,539	27,144	28,243	22,265	218,791	120,388	339,179		

* hospital diagnoses in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-2. Smoking-attributable fractions and number of hospital diagnoses due to morbidity attributable to tobacco by sex, age and disease category in British Columbia, 2002

CONDITION	SAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.7	51.3	--	--	3	4	21	13	81	37	55	24	37	21	14	13	211	111	322	
Oesophageal cancer	48.8	40.0	--	--	0	0	5	2	47	10	50	14	54	15	25	11	181	52	233	
Stomach cancer	16.4	12.5	--	--	0	0	3	2	13	6	16	5	17	7	10	5	60	26	86	
Pancreatic cancer	17.7	13.4	--	--	0	1	3	2	22	14	20	14	22	18	11	11	79	60	139	
Laryngeal cancer	67.7	60.8	--	--	0	0	3	1	18	5	28	5	22	5	9	2	79	20	99	
Trachea, bronchus and lung cancers	88.6	63.8	--	--	4	2	35	36	378	290	633	375	773	359	303	139	2,126	1,201	3,326	
Cervical cancer	--	36.4	--	--	--	12	--	74	--	59	--	18	--	13	--	8	--	185	185	
Urinary tract cancer	55.6	38.3	--	--	4	4	30	12	171	47	218	57	271	75	182	57	875	251	1,126	
Renal cell carcinoma	26.0	7.5	--	--	1	1	7	2	31	6	30	5	27	5	13	2	109	19	129	
Bladder cancer	67.7	52.4	--	--	2	1	11	5	90	23	163	39	269	60	211	59	745	186	931	
Acute myeloid leukemia	21.9	17.7	--	--	2	3	6	4	14	9	11	8	10	6	4	2	48	32	80	
TOTAL	48.9	39.5	--	--	15	26	105	146	745	477	1,032	520	1,206	519	556	248	3,659	1,937	5,596	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	17	34	48	53	119	74	63	51	47	36	14	17	308	265	573	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	1	0	0	0	0	0	0	0	0	1	1	2	
TOTAL	100.0	100.0	--	--	17	34	48	54	119	74	63	51	47	36	14	17	309	266	575	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.4	44.3	--	--	17	7	597	158	--	--	--	--	--	--	--	--	613	165	779	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	3,038	843	--	--	--	--	--	--	3,038	843	3,881	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	2,129	779	--	--	--	--	2,129	779	2,908	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	877	424	--	--	877	424	1,302	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	459	314	459	314	773	
Pulmonary circulatory disease	81.0	76.4	--	--	26	35	73	99	180	185	192	189	254	270	154	227	878	1,006	1,883	
Cardiac arrhythmias																				
Age < 45 yrs	43.6	37.5	--	--	48	37	164	101	--	--	--	--	--	--	--	--	212	139	351	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	575	246	--	--	--	--	--	--	575	246	821	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	606	278	--	--	--	--	606	278	884	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	366	217	--	--	366	217	583	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	256	211	256	211	466	
Heart Failure																				
Age < 45 yrs	41.0	31.7	--	--	19	11	78	50	--	--	--	--	--	--	--	--	97	61	158	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	371	184	--	--	--	--	--	--	371	184	554	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	439	243	--	--	--	--	439	243	682	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	290	184	--	--	290	184	475	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	265	224	265	224	489	

Table D-HC-S-2. Continued

CONDITION	SAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Cerebrovascular diseases*																				
Age < 65 yrs	39.1	35.4	--	--	19	25	75	70	326	216	176	96	--	--	--	--	595	408	1,003	
>= 65 yrs	14.7	10.5	--	--	--	--	--	--	--	--	123	72	305	204	226	211	655	487	1,141	
Atherosclerosis	33.5	36.9	--	--	10	14	36	48	250	150	396	225	537	379	251	227	1,480	1,043	2,523	
TOTAL	23.7	16.3	--	--	138	130	1,023	526	4,738	1,824	4,061	1,881	2,630	1,679	1,611	1,414	14,202	7,454	21,656	
RESPIRATORY DISEASES																				
Pneumonia/ Influenza	17.3	12.8	--	--	43	39	103	80	200	146	239	144	423	232	446	308	1,455	950	2,404	
Chronic obstructive pulmonary disease	82.6	76.9	--	--	19	16	31	36	72	59	91	73	150	110	99	98	463	392	856	
TOTAL	22.3	17.9	--	--	62	55	134	116	273	205	331	218	573	342	545	406	1,918	1,342	3,260	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	47.7	38.3	--	--	18	11	63	36	139	75	138	69	187	118	131	128	676	436	1,112	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	799	597	--	--	--	--	--	--	--	--	--	--	--	--	799	597	1,396	
Sudden infant death syndrome	31.2	26.5	1	0	--	--	--	--	--	--	--	--	--	--	--	--	1	0	1	
TOTAL	24.7	20.6	800	597	--	--	--	--	--	--	--	--	--	--	--	--	800	597	1,397	
INJURY																				
TOTAL (Fire Injury)	24.6	24.6	--	--	9	2	8	2	6	4	3	1	3	1	2	2	30	13	43	
TOTAL ACTIVE SMOKERS	26.5	19.1	800	597	260	258	1,381	880	6,020	2,659	5,627	2,740	4,646	2,695	2,860	2,215	21,594	12,045	33,639	
PASSIVE SMOKERS																				
Lung cancer	1.6	1.4	--	--	0	0	1	1	8	7	13	9	13	7	3	3	38	27	65	
Ischaemic heart disease	1.8	1.5	--	--	1	1	20	5	162	46	152	59	145	84	58	65	537	260	797	
TOTAL PASSIVE SMOKERS	1.8	1.4	--	--	2	1	21	6	170	53	164	68	157	91	61	68	575	286	862	
OVERALL			800	597	261	259	1,402	886	6,191	2,712	5,791	2,808	4,803	2,787	2,921	2,283	22,169	12,331	34,501	

* hospital diagnoses in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-3. Smoking-attributable fractions and number of hospital diagnoses due to morbidity attributable to tobacco by sex, age and disease category in Alberta, 2002

CONDITION	SAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.7	51.3	--	--	3	3	18	11	70	32	47	20	32	18	12	11	183	96	278	
Oesophageal cancer	48.8	40.0	--	--	0	0	2	1	23	5	25	7	27	8	12	5	90	26	117	
Stomach cancer	16.4	12.5	--	--	0	0	2	1	10	5	12	4	13	5	8	4	44	19	63	
Pancreatic cancer	17.7	13.4	--	--	0	0	3	2	18	11	16	11	17	14	9	9	62	47	109	
Laryngeal cancer	67.7	60.8	--	--	0	0	3	1	19	5	29	6	23	6	9	2	82	20	103	
Trachea, bronchus and lung cancers	88.6	63.8	--	--	3	2	25	27	276	211	461	273	563	261	220	101	1,548	874	2,423	
Cervical cancer	--	36.4	--	--	--	11	--	68	--	54	--	17	--	12	--	8	--	170	170	
Urinary tract cancer	55.6	38.3	--	--	3	3	23	9	132	36	168	44	209	58	140	44	675	194	869	
Renal cell carcinoma	26.0	7.5	--	--	1	1	6	1	26	5	25	4	23	4	10	2	91	16	107	
Bladder cancer	67.7	52.4	--	--	1	0	8	3	68	17	123	29	203	45	159	45	562	140	703	
Acute myeloid leukemia	21.9	17.7	--	--	2	3	6	4	14	9	11	8	10	6	4	2	48	32	80	
TOTAL	48.9	39.5	--	--	12	23	82	124	561	369	770	389	894	387	414	186	2,733	1,478	4,212	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	60	123	171	189	424	263	224	182	168	129	52	61	1,099	947	2,046	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	1	0	0	0	0	0	0	0	0	1	1	2	
TOTAL	100.0	100.0	--	--	61	123	172	190	424	263	224	182	168	129	52	61	1,100	947	2,047	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.4	44.3	--	--	20	9	703	186	--	--	--	--	--	--	--	--	723	195	918	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	3,581	994	--	--	--	--	--	--	3,581	994	4,574	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	2,510	918	--	--	--	--	2,510	918	3,428	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	1,034	500	--	--	1,034	500	1,534	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	541	370	541	370	911	
Pulmonary circulatory disease	81.0	76.4	--	--	40	54	113	153	278	286	296	292	392	418	238	351	1,357	1,555	2,911	
Cardiac arrhythmias																				
Age < 45 yrs	43.6	37.5	--	--	54	42	185	114	--	--	--	--	--	--	--	--	238	156	394	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	645	276	--	--	--	--	--	--	645	276	921	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	680	312	--	--	--	--	680	312	991	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	411	243	--	--	411	243	654	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	287	236	287	236	523	
Heart Failure																				
Age < 45 yrs	41.0	31.7	--	--	23	14	94	60	--	--	--	--	--	--	--	--	117	73	190	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	446	221	--	--	--	--	--	--	446	221	667	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	529	292	--	--	--	--	529	292	821	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	349	222	--	--	349	222	571	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	319	269	319	269	588	

Table D-HC-S-3. Continued

CONDITION	SAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebrovascular diseases*																				
Age < 65 yrs	39.1	35.4	--	--	16	22	65	61	281	187	152	83	--	--	--	--	515	353	867	
>= 65 yrs	14.7	10.5	--	--	--	--	--	--	--	106	62	264	176	196	182	566	420	986		
Atherosclerosis	33.5	36.9	--	--	13	16	43	58	300	180	476	271	645	456	301	273	1,777	1,253	3,030	
TOTAL	23.7	16.3	--	--	165	157	1,203	631	5,531	2,144	4,748	2,229	3,095	2,014	1,882	1,682	16,622	8,856	25,479	
RESPIRATORY DISEASES																				
Pneumonia/ Influenza	17.3	12.8	--	--	40	36	94	73	183	133	219	132	386	212	407	282	1,329	868	2,196	
Chronic obstructive pulmonary disease	82.6	76.9	--	--	30	24	49	57	113	93	142	115	234	172	155	153	723	613	1,335	
TOTAL	22.3	17.9	--	--	69	60	143	129	296	226	361	246	620	384	562	434	2,052	1,480	3,532	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	47.7	38.3	--	--	24	15	83	47	183	99	182	91	246	155	173	168	890	575	1,465	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	1,000	747	--	--	--	--	--	--	--	--	--	--	--	--	1,000	747	1,747	
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
TOTAL	24.7	20.6	1,000	747	--	--	--	--	--	--	--	--	--	--	--	--	1,000	747	1,747	
INJURY																				
TOTAL (Fire Injury)	24.6	24.6	--	--	9	2	8	3	7	4	3	1	3	1	2	2	32	13	45	
TOTAL ACTIVE SMOKERS	26.5	19.1	1,000	747	339	379	1,690	1,124	7,001	3,104	6,288	3,139	5,027	3,071	3,084	2,534	24,429	14,097	38,527	
PASSIVE SMOKERS																				
Lung cancer	1.6	1.4	--	--	0	0	0	1	6	5	9	6	9	5	2	2	28	19	47	
Ischaemic heart disease	1.8	1.5	--	--	2	1	24	6	191	54	179	69	170	99	68	77	634	306	940	
TOTAL PASSIVE SMOKERS	1.8	1.4	--	--	2	1	24	7	197	59	188	76	180	104	70	79	661	326	987	
OVERALL			1,000	747	341	380	1,715	1,131	7,198	3,163	6,476	3,214	5,207	3,176	3,154	2,613	25,091	14,423	39,514	

* hospital diagnoses in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-4. Smoking-attributable fractions and number of hospital diagnoses due to morbidity attributable to tobacco by sex, age and disease category in Saskatchewan, 2002

CONDITION	SAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.7	51.3	--	--	1	1	7	4	27	12	18	8	12	7	4	4	69	36	105	
Oesophageal cancer	48.8	40.0	--	--	0	0	1	1	14	3	15	4	16	5	7	3	54	16	69	
Stomach cancer	16.4	12.5	--	--	0	0	1	1	5	2	6	2	6	3	4	2	22	9	31	
Pancreatic cancer	17.7	13.4	--	--	0	0	1	1	7	4	6	4	7	5	3	3	24	18	42	
Laryngeal cancer	67.7	60.8	--	--	0	0	1	0	7	2	11	2	8	2	3	1	30	8	38	
Trachea, bronchus and lung cancers	88.6	63.8	--	--	1	1	13	13	140	107	234	138	285	132	112	51	784	443	1,227	
Cervical cancer	--	36.4	--	--	--	3	--	21	--	16	--	5	--	4	--	2	--	52	52	
Urinary tract cancer	55.6	38.3	--	--	2	2	12	5	69	19	87	23	109	30	73	23	351	101	451	
Renal cell carcinoma	26.0	7.5	--	--	0	0	3	1	12	2	11	2	10	2	5	1	41	7	49	
Bladder cancer	67.7	52.4	--	--	1	0	4	2	37	9	67	16	110	25	87	24	306	76	382	
Acute myeloid leukemia	21.9	17.7	--	--	1	1	1	1	3	2	2	2	2	1	1	1	10	7	17	
TOTAL	48.9	39.5	--	--	5	8	37	46	270	168	379	188	445	189	207	90	1,344	689	2,033	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	4	8	11	12	26	16	14	11	10	8	3	4	68	59	127	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	100.0	100.0	--	--	4	8	11	12	26	16	14	11	10	8	3	4	68	59	127	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.4	44.3	--	--	7	3	248	66	--	--	--	--	--	--	--	--	255	69	324	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1,263	350	--	--	--	--	--	--	1,263	350	1,613	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	885	324	--	--	--	--	885	324	1,209	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	365	176	--	--	365	176	541	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	191	130	191	130	321	
Pulmonary circulatory disease	81.0	76.4	--	--	10	14	28	39	70	72	75	73	99	105	60	88	341	391	732	
Cardiac arrhythmias																				
Age < 45 yrs	43.6	37.5	--	--	19	15	65	40	--	--	--	--	--	--	--	--	84	55	139	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	228	98	--	--	--	--	--	--	228	98	325	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	240	110	--	--	--	--	240	110	350	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	145	86	--	--	145	86	231	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	101	84	101	84	185	
Heart Failure																				
Age < 45 yrs	41.0	31.7	--	--	9	5	37	23	--	--	--	--	--	--	--	--	46	29	74	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	174	86	--	--	--	--	--	--	174	86	261	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	206	114	--	--	--	--	206	114	321	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	136	87	--	--	136	87	223	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	125	105	125	105	230	

Table D-HC-S-4. Continued

CONDITION	SAF%		Number of hospital diagnoses																TOTAL	OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Cerebrovascular diseases*																					
Age < 65 yrs	39.1	35.4	--	--	7	9	26	25	113	75	61	33							207	142	349
>= 65 yrs	14.7	10.5	--	--							43	25	106	71	79	73			228	169	397
Atherosclerosis	33.5	36.9	--	--	4	5	13	17	90	54	142	81	193	136	90	82			532	375	907
TOTAL	23.7	16.3			55	50	417	209	1,937	735	1,652	761	1,044	661	645	562			5,751	2,979	8,731
RESPIRATORY DISEASES																					
Pneumonia/ Influenza	17.3	12.8	--	--	19	17	46	36	89	65	107	64	189	104	199	138			649	424	1,073
Chronic obstructive pulmonary disease	82.6	76.9	--	--	13	11	22	25	51	42	64	51	105	77	70	69			325	275	600
TOTAL	22.3	17.9	--	--	33	28	68	61	140	107	171	116	294	181	268	206			974	699	1,672
INTESTINAL DISEASE																					
Peptic ulcer	47.7	38.3	--	--	9	5	31	17	68	37	67	34	91	57	64	62			329	213	542
TOTAL (Ulcers)	47.7	38.3	--	--	9	5	31	17	68	37	67	34	91	57	64	62			329	213	542
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birthweight and short gestation	24.7	20.6	180	135	--	--	--	--	--	--	--	--	--	--	--	--			180	135	315
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--			0	0	0
TOTAL	24.7	20.6	180	135	--	--	--	--	--	--	--	--	--	--	--	--			180	135	315
INJURY																					
TOTAL (Fire Injury)	24.6	24.6	--	--	4	1	3	1	3	2	1	1	1	1	1	1			13	5	18
TOTAL ACTIVE SMOKERS	26.5	19.1	180	135	109	101	567	347	2,444	1,064	2,284	1,110	1,886	1,096	1,189	926			8,660	4,778	13,438
<u>PASSIVE SMOKERS</u>																					
Lung cancer	1.6	1.4	--	--	0	0	0	0	3	3	5	3	5	3	1	1			14	10	24
Ischaemic heart disease	1.8	1.5	--	--	1	0	8	2	67	19	63	25	60	35	24	27			223	108	331
TOTAL PASSIVE SMOKERS	1.8	1.4	--	--	1	0	9	2	70	22	68	28	65	38	25	28			237	118	355
			180	135	110	101	576	349	2,515	1,086	2,352	1,137	1,951	1,134	1,214	954			8,897	4,896	13,793

* hospital diagnoses in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-5. Smoking-attributable fractions and number of hospital diagnoses due to morbidity attributable to tobacco by sex, age and disease category in Manitoba, 2002

	SAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.7	51.3	--	--	1	2	10	6	38	17	26	11	18	10	6	6	99	52	151	
Oesophageal cancer	48.8	40.0	--	--	0	0	1	0	14	3	15	4	16	4	7	3	52	15	68	
Stomach cancer	16.4	12.5	--	--	0	0	1	1	5	2	6	2	6	3	4	2	21	9	30	
Pancreatic cancer	17.7	13.4	--	--	0	0	1	1	7	4	6	4	7	5	3	4	24	19	43	
Laryngeal cancer	67.7	60.8	--	--	0	0	1	0	9	2	13	3	10	3	4	1	38	9	47	
Trachea, bronchus and lung cancers	88.6	63.8	--	--	1	1	12	12	126	97	212	125	258	120	101	46	710	401	1,112	
Cervical cancer	--	36.4	--	--	--	3	--	21	--	17	--	5	--	4	--	2	--	53	53	
Urinary tract cancer	55.6	38.3	--	--	2	2	11	4	62	17	79	21	98	27	66	21	318	91	409	
Renal cell carcinoma	26.0	7.5	--	--	0	0	3	1	11	2	10	2	9	2	4	1	38	7	45	
Bladder cancer	67.7	52.4	--	--	1	0	4	2	34	8	61	15	101	22	79	22	278	70	348	
Acute myeloid leukemia	21.9	17.7	--	--	1	1	2	2	5	3	4	3	4	2	1	1	18	12	29	
TOTAL	48.9	39.5	--	--	6	9	39	48	266	163	360	178	417	178	193	86	1,281	661	1,942	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	17	34	48	53	118	73	62	51	47	36	14	17	307	264	572	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	
TOTAL	100.0	100.0	--	--	17	34	48	53	118	73	62	51	47	36	14	17	308	265	573	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.4	44.3	--	--	7	3	243	64	--	--	--	--	--	--	--	--	250	67	317	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1,238	343	--	--	--	--	--	--	1,238	343	1,581	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	868	317	--	--	--	--	868	317	1,185	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	357	173	--	--	357	173	530	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	187	128	187	128	315	
Pulmonary circulatory disease	81.0	76.4	--	--	10	14	30	40	73	75	78	77	103	110	63	92	357	409	767	
Cardiac arrhythmias																				
Age < 45 yrs	43.6	37.5	--	--	17	14	60	37	--	--	--	--	--	--	--	--	77	50	127	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	209	89	--	--	--	--	--	--	209	89	298	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	220	101	--	--	--	--	220	101	321	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	133	79	--	--	133	79	212	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	93	77	93	77	169	
Heart Failure																				
Age < 45 yrs	41.0	31.7	--	--	7	4	31	20	--	--	--	--	--	--	--	--	38	24	62	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	146	72	--	--	--	--	--	--	146	72	219	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	173	96	--	--	--	--	173	96	269	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	114	73	--	--	114	73	187	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	105	88	105	88	193	

Table D-HC-S-5. Continued

CONDITION	SAF%		Number of hospital diagnoses																TOTAL	OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Cerebrovascular diseases*																					
Age < 65 yrs	39.1	35.4	--	--	6	8	23	21	99	66	54	29							181	124	306
>= 65 yrs	14.7	10.5	--	--							37	22	93	62	69	64			199	148	348
Atherosclerosis	33.5	36.9	--	--	4	5	13	18	91	55	144	82	196	138	91	83			540	380	920
TOTAL	23.7	16.3	--	--	52	48	399	200	1,856	701	1,574	724	997	635	608	532			5,485	2,840	8,325
RESPIRATORY DISEASES																					
Pneumonia/ Influenza	17.3	12.8	--	--	15	13	35	27	69	50	82	50	145	80	153	106			500	326	826
Chronic obstructive pulmonary disease	82.6	76.9	--	--	8	7	14	16	32	26	40	32	66	48	43	43			202	171	374
TOTAL	22.3	17.9	--	--	23	20	49	43	100	76	122	82	211	128	196	149			702	498	1,200
INTESTINAL DISEASE																					
TOTAL (Ulcers)	47.7	38.3	--	--	6	4	23	13	50	27	50	25	67	42	47	46			244	157	401
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birthweight and short gestation	24.7	20.6	24,155	18,043	--	--	--	--	--	--	--	--	--	--	--	--			24,155	18,043	42,198
Sudden infant death syndrome	31.2	26.5	8	3	--	--	--	--	--	--	--	--	--	--	--	--			8	3	11
TOTAL	24.7	20.6	24,163	18,046	--	--	--	--	--	--	--	--	--	--	--	--			24,163	18,046	42,209
INJURY																					
TOTAL (Fire Injury)	24.6	24.6	--	--	3	1	3	1	2	1	1	0	1	0	1	1			10	4	14
TOTAL ACTIVE SMOKERS	26.5	19.1	24,163	18,046	107	116	561	358	2,393	1,042	2,170	1,060	1,740	1,019	1,060	830			32,192	22,471	54,664
PASSIVE SMOKERS																					
Lung cancer	1.6	1.4	--	--	0	0	0	0	3	2	4	3	4	2	1	1			13	9	22
Ischaemic heart disease	1.8	1.5	--	--	1	0	8	2	66	19	62	24	59	34	23	27			219	106	325
TOTAL PASSIVE SMOKERS	1.8	1.4	--	--	1	0	8	2	69	21	66	27	63	37	25	28			232	115	346
OVERALL			24,163	18,046	108	116	569	360	2,461	1,063	2,236	1,086	1,803	1,056	1,084	858			32,424	22,586	55,010

* hospital diagnoses in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-6. Smoking-attributable fractions and number of hospital diagnoses due to morbidity attributable to tobacco by sex, age and disease category in Ontario, 2002

CONDITION	SAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.7	51.3	--	--	11	13	72	45	281	128	190	82	129	72	48	44	731	383	1,115	
Oesophageal cancer	48.8	40.0	--	--	1	0	14	5	129	28	139	39	148	42	68	30	499	144	644	
Stomach cancer	16.4	12.5	--	--	1	1	10	6	45	22	57	18	61	26	36	17	210	90	300	
Pancreatic cancer	17.7	13.4	--	--	1	1	9	7	65	40	58	42	63	52	32	33	229	176	404	
Laryngeal cancer	67.7	60.8	--	--	1	2	12	5	85	24	130	26	101	26	40	10	370	92	462	
Trachea, bronchus and lung cancers	88.6	63.8	--	--	12	7	114	120	1,245	954	2,084	1,232	2,545	1,181	995	457	6,996	3,951	10,946	
Cervical cancer	--	36.4	--	--	--	28	--	175	--	139	--	43	--	32	--	20	--	437	437	
Urinary tract cancer	55.6	38.3	--	--	17	16	112	44	651	179	827	216	1,030	284	692	216	3,330	955	4,285	
Renal cell carcinoma	26.0	7.5	--	--	4	2	25	6	107	20	102	16	92	16	43	7	372	66	438	
Bladder cancer	67.7	52.4	--	--	6	2	44	18	365	92	662	159	1,094	243	859	242	3,031	757	3,788	
Acute myeloid leukemia	21.9	17.7	--	--	10	13	25	17	56	36	46	30	41	22	16	9	193	129	321	
TOTAL	48.9	39.5	--	--	54	80	368	425	2,559	1,551	3,531	1,728	4,119	1,736	1,926	837	12,558	6,357	18,914	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	100.0	100.0	--	--	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.4	44.3	--	--	69	30	2,460	650	--	--	--	--	--	--	--	--	2,528	680	3,209	
45-59 yrs	42.2	37.3	--	--	--	--	--	12,522	3,474	--	--	--	--	--	--	--	12,522	3,474	15,996	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	8,776	3,209	--	--	--	--	--	8,776	3,209	11,986	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	3,617	1,748	--	--	--	3,617	1,748	5,365	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	1,893	1,293	--	1,893	1,293	3,185	
Pulmonary circulatory disease	81.0	76.4	--	--	99	136	282	382	691	713	737	726	975	1,039	592	873	3,375	3,868	7,243	
Cardiac arrhythmias																				
Age < 45 yrs	43.6	37.5	--	--	171	134	590	363	--	--	--	--	--	--	--	--	761	497	1,259	
45-59 yrs	42.2	37.3	--	--	--	--	--	2,062	883	--	--	--	--	--	--	--	2,062	883	2,945	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	2,174	996	--	--	--	--	--	2,174	996	3,170	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	1,313	778	--	--	--	1,313	778	2,091	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	917	756	--	917	756	1,673	
Heart Failure																				
Age < 45 yrs	41.0	31.7	--	--	74	45	307	195	--	--	--	--	--	--	--	--	381	239	621	
45-59 yrs	42.2	37.3	--	--	--	--	--	1,458	723	--	--	--	--	--	--	--	1,458	723	2,181	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	1,728	955	--	--	--	--	--	1,728	955	2,684	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	1,142	725	--	--	--	1,142	725	1,867	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	1,043	880	--	1,043	880	1,923	

Table D-HC-S-6. Continued

CONDITION	SAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Cerebrovascular diseases*																				
Age < 65 yrs	39.1	35.4	--	--	63	83	249	234	1,081	718	583	319	--	--	--	--	1,976	1,354	3,330	
>= 65 yrs	14.7	10.5	--	--	--	--	--	--	--	408	238	1,013	676	751	700	2,173	1,614	3,787		
Atherosclerosis	33.5	36.9	--	--	35	46	120	163	843	505	1,337	761	1,813	1,281	847	768	4,996	3,522	8,518	
TOTAL	23.7	16.3	--	--	511	473	4,008	1,986	18,656	7,016	15,744	7,205	9,873	6,247	6,043	5,270	54,836	28,198	83,033	
RESPIRATORY DISEASES																				
Pneumonia/ Influenza	17.3	12.8	--	--	148	134	353	273	685	499	819	493	1,445	795	1,524	1,054	4,973	3,247	8,221	
Chronic obstructive pulmonary disease	82.6	76.9	--	--	74	61	122	141	281	231	355	286	584	428	386	381	1,802	1,527	3,329	
TOTAL	22.3	17.9	--	--	222	194	474	414	967	730	1,173	779	2,029	1,222	1,910	1,435	6,776	4,774	11,550	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	47.7	38.3	--	--	55	34	192	109	424	230	423	211	571	360	402	390	2,068	1,335	3,403	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	2,573	1,922	--	--	--	--	--	--	--	--	--	--	--	--	2,573	1,922	4,494	
Sudden infant death syndrome	31.2	26.5	1	0	--	--	--	--	--	--	--	--	--	--	--	--	1	0	1	
TOTAL	24.7	20.6	2,573	1,922	--	--	--	--	--	--	--	--	--	--	--	--	2,573	1,922	4,495	
INJURY																				
TOTAL (Fire Injury)	24.6	24.6	--	--	21	5	19	6	16	9	7	3	8	3	4	5	74	31	105	
TOTAL ACTIVE SMOKERS	26.5	19.1	2,573	1,922	863	787	5,061	2,940	22,623	9,537	20,879	9,927	16,601	9,569	10,285	7,936	78,885	42,617	121,502	
PASSIVE SMOKERS																				
Lung cancer	1.6	1.4	--	--	0	0	2	2	27	23	42	28	42	24	11	9	125	87	212	
Ischaemic heart disease	1.8	1.5	--	--	6	3	84	22	668	188	625	243	596	346	238	270	2,215	1,071	3,286	
TOTAL PASSIVE SMOKERS	1.8	1.4	--	--	6	3	86	24	695	212	667	271	638	370	249	278	2,340	1,158	3,499	
OVERALL			2,573	1,922	870	790	5,147	2,964	23,318	9,748	21,545	10,198	17,239	9,939	10,534	8,215	81,226	43,775	125,001	

* hospital diagnoses in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-7. Smoking-attributable fractions and number of hospital diagnoses due to morbidity attributable to tobacco by sex, age and disease category in Quebec, 2002

	SAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.7	51.3	--	--	9	11	63	40	247	113	167	72	114	63	42	38	641	336	977	
Oesophageal cancer	48.8	40.0	--	--	1	0	9	3	88	19	94	27	100	29	46	20	339	98	437	
Stomach cancer	16.4	12.5	--	--	1	1	6	4	30	14	37	12	40	17	23	11	138	59	196	
Pancreatic cancer	17.7	13.4	--	--	1	1	6	5	44	27	40	29	43	35	22	23	156	120	276	
Laryngeal cancer	67.7	60.8	--	--	1	1	8	3	57	16	86	17	67	17	27	7	246	61	307	
Trachea, bronchus and lung cancers	88.6	63.8	--	--	8	5	75	79	818	626	1,368	809	1,671	775	654	300	4,593	2,594	7,187	
Cervical cancer	--	36.4	--	--	--	22	--	137	--	109	--	34	--	25	--	16	--	341	341	
Urinary tract cancer	55.6	38.3	--	--	10	10	69	27	402	110	511	133	636	175	427	134	2,056	590	2,645	
Renal cell carcinoma	26.0	7.5	--	--	2	1	16	4	70	13	67	10	61	10	28	5	245	43	288	
Bladder cancer	67.7	52.4	--	--	4	1	26	11	217	55	393	94	650	144	510	144	1,799	449	2,249	
Acute myeloid leukemia	21.9	17.7	--	--	6	8	15	10	33	22	27	18	24	13	9	6	114	76	190	
TOTAL	48.9	39.5	--	--	36	58	252	308	1,718	1,056	2,330	1,150	2,695	1,149	1,249	554	8,282	4,275	12,557	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	109	222	310	341	765	474	404	329	304	234	93	111	1,985	1,710	3,695	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	2	0	2	4	0	0	0	0	0	0	0	0	4	4	7	
TOTAL	100.0	100.0	--	--	111	222	311	344	765	474	404	329	304	234	93	111	1,989	1,713	3,702	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.4	44.3	--	--	44	19	1,572	416	--	--	--	--	--	--	--	--	1,616	435	2,050	
45-59 yrs	42.2	37.3	--	--	--	--	--	8,001	2,220	--	--	--	--	--	--	--	8,001	2,220	10,221	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	5,608	2,051	--	--	--	--	--	5,608	2,051	7,659	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	2,311	1,117	--	--	--	2,311	1,117	3,428	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	1,209	826	1,209	826	2,035	
Pulmonary circulatory disease	81.0	76.4	--	--	68	93	193	261	473	487	504	497	667	711	405	598	2,309	2,646	4,955	
Cardiac arrhythmias																				
Age < 45 yrs	43.6	37.5	--	--	112	88	386	238	--	--	--	--	--	--	--	--	498	325	824	
45-59 yrs	42.2	37.3	--	--	--	--	--	1,349	578	--	--	--	--	--	--	--	1,349	578	1,927	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	1,423	652	--	--	--	--	--	1,423	652	2,075	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	859	509	--	--	859	509	1,369	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	600	495	600	495	1,095	
Heart failure																				
Age < 45 yrs	41.0	31.7	--	--	48	29	199	126	--	--	--	--	--	--	--	--	247	155	402	
45-59 yrs	42.2	37.3	--	--	--	--	--	945	468	--	--	--	--	--	--	--	945	468	1,413	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	1,120	619	--	--	--	--	--	1,120	619	1,739	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	740	470	--	--	--	740	470	1,210	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	676	570	--	676	570	1,246	

Table D-HC-S-7. Continued

CONDITION	SAF%		Number of hospital diagnoses																TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Stroke																					
Age < 65 yrs	39.1	35.4	--	--	37	49	148	139	641	426	346	189	--	--	--	--			1,172	803	1,976
>= 65 yrs	14.7	10.5	--	--	--	--	--	--	--	--	242	141	601	401	446	415			1,289	958	2,247
Atherosclerosis	33.5	36.9	--	--	25	32	84	114	589	353	934	531	1,266	894	591	536			3,488	2,460	5,948
TOTAL	23.7	16.3	--	--	334	310	2,581	1,293	11,998	4,532	10,176	4,680	6,444	4,102	3,927	3,440			35,460	18,357	53,818
RESPIRATORY DISEASES																					
Pneumonia/ Influenza	17.3	12.8	--	--	96	87	229	177	445	324	532	320	938	516	990	684			3,230	2,108	5,338
Chronic obstructive pulmonary disease	82.6	76.9	--	--	54	44	88	103	204	168	257	207	424	310	280	276			1,308	1,108	2,416
TOTAL	22.3	17.9	--	--	150	131	317	279	649	492	789	527	1,362	826	1,270	961			4,538	3,217	7,754
INTESTINAL DISEASE																					
TOTAL (Ulcers)	47.7	38.3	--	--	42	26	146	83	323	175	322	161	435	274	306	297			1,575	1,016	2,591
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birthweight and short gestation	24.7	20.6	1,561	1,166	--	--	--	--	--	--	--	--	--	--	--	--			1,561	1,166	2,728
Sudden infant death syndrome	31.2	26.5	51	22	--	--	--	--	--	--	--	--	--	--	--	--			51	22	72
TOTAL	24.7	20.6	1,612	1,188	--	--	--	--	--	--	--	--	--	--	--	--			1,612	1,188	2,800
INJURY																					
TOTAL (Fire Injury)	24.6	24.6	--	--	19	4	17	5	14	8	6	3	7	3	3	4			66	27	93
TOTAL ACTIVE SMOKERS	26.5	19.1	1,612	1,188	691	750	3,625	2,313	15,468	6,738	14,028	6,850	11,248	6,589	6,849	5,367			53,521	29,794	83,315
PASSIVE SMOKERS																					
Lung cancer	1.6	1.4	--	--	0	0	1	2	18	15	28	18	28	16	7	6			82	57	139
Ischaemic heart disease	1.8	1.5	--	--	4	2	53	14	427	120	399	155	381	221	152	172			1,416	684	2,100
TOTAL PASSIVE SMOKERS	1.8	1.4	--	--	4	2	55	15	444	136	427	174	409	237	159	178			1,498	742	2,239
OVERALL			1,612	1,188	695	752	3,680	2,328	15,912	6,874	14,454	7,023	11,657	6,825	7,008	5,545			55,019	30,535	85,554

* hospital diagnoses in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-8. Smoking-attributable fractions and number of hospital diagnoses due to morbidity attributable to tobacco by sex, age and disease category in New Brunswick, 2002

	SAF%		Number of hospital diagnoses														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M	F
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.7	51.3	--	--	1	1	6	4	25	11	17	7	11	6	4	4	65	34	98	
Oesophageal cancer	48.8	40.0	--	--	0	0	1	0	9	2	10	3	10	3	5	2	34	10	44	
Stomach cancer	16.4	12.5	--	--	0	0	1	0	3	1	4	1	4	2	2	1	14	6	20	
Pancreatic cancer	17.7	13.4	--	--	0	0	1	0	4	3	4	3	4	4	2	2	16	12	28	
Laryngeal cancer	67.7	60.8	--	--	0	0	1	0	6	2	9	2	7	2	3	1	25	6	31	
Trachea, bronchus and lung cancers	88.6	63.8	--	--	1	0	8	8	82	63	138	82	168	78	66	30	463	261	724	
Cervical cancer	--	36.4	--	--	--	2	--	14	--	11	--	3	--	2	--	2	--	34	34	
Urinary tract cancer	55.6	38.3	--	--	1	1	7	3	41	11	51	13	64	18	43	13	207	59	267	
Renal cell carcinoma	26.0	7.5	--	--	0	0	2	0	7	1	7	1	6	1	3	0	25	4	29	
Bladder cancer	67.7	52.4	--	--	0	0	3	1	22	6	40	10	65	15	51	14	181	45	227	
Acute myeloid leukemia	21.9	17.7	--	--	1	1	1	1	3	2	3	2	2	1	1	1	12	8	19	
TOTAL	48.9	39.5	--	--	4	6	25	31	173	106	235	116	272	116	126	56	835	431	1,266	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	11	22	31	34	77	48	41	33	31	24	9	11	200	172	372	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	100.0	100.0	--	--	11	22	31	35	77	48	41	33	31	24	9	11	200	173	373	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.4	44.3	--	--	4	2	158	42	--	--	--	--	--	--	--	--	163	44	207	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	806	224	--	--	--	--	--	--	806	224	1,030	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	565	207	--	--	--	--	565	207	772	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	233	113	--	--	233	113	346	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	122	83	122	83	205	
Pulmonary circulatory disease	81.0	76.4	--	--	7	9	19	26	48	49	51	50	67	72	41	60	233	267	499	
Cardiac arrhythmias																				
Age < 45 yrs	43.6	37.5	--	--	11	9	39	24	--	--	--	--	--	--	--	--	50	33	83	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	136	58	--	--	--	--	--	--	136	58	194	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	143	66	--	--	--	--	143	66	209	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	87	51	--	--	87	51	138	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	60	50	60	50	110	
Heart Failure																				
Age < 45 yrs	41.0	31.7	--	--	5	3	20	13	--	--	--	--	--	--	--	--	25	16	41	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	95	47	--	--	--	--	--	--	95	47	142	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	113	62	--	--	--	--	113	62	175	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	75	47	--	--	75	47	122	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	68	57	68	57	126	

Table D-HC-S-8. Continued

CONDITION	SAF%		Number of hospital diagnoses																TOTAL	OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Cerebrovascular diseases*																					
Age < 65 yrs	39.1	35.4	--	--	4	5	15	14	65	43	35	19	--	--	--	--			118	81	199
>= 65 yrs	14.7	10.5	--	--	--	--	--	--	--	--	24	14	61	40	45	42			130	97	226
Atherosclerosis	33.5	36.9	--	--	2	3	8	11	59	36	94	54	128	90	60	54			352	248	600
TOTAL	23.7	16.3	--	--	34	31	260	130	1,209	457	1,026	472	650	413	396	347			3,574	1,850	5,425
RESPIRATORY DISEASES																					
Pneumonia/ Influenza	17.3	12.8	--	--	10	9	23	18	45	33	54	32	95	52	100	69			326	213	538
Chronic obstructive pulmonary disease	82.6	76.9	--	--	5	4	9	10	21	17	26	21	43	31	28	28			132	112	244
TOTAL	22.3	17.9	--	--	15	13	32	28	65	50	80	53	137	83	128	97			457	324	782
INTESTINAL DISEASE																					
TOTAL (Ulcers)	47.7	38.3	--	--	4	3	15	8	33	18	32	16	44	28	31	30			159	102	261
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birthweight and short gestation	24.7	20.6	157	118	--	--	--	--	--	--	--	--	--	--	--	--			157	118	275
Sudden infant death syndrome	31.2	26.5	5	2	--	--	--	--	--	--	--	--	--	--	--	--			5	2	7
TOTAL	24.7	20.6	162	120	--	--	--	--	--	--	--	--	--	--	--	--			162	120	282
INJURY																					
TOTAL (Fire Injury)	24.6	24.6	--	--	2	0	2	1	1	1	1	1	0	1	0	0			7	3	9
TOTAL ACTIVE SMOKERS	26.5	19.1	162	120	70	76	365	233	1,559	679	1,414	690	1,134	664	690	541			5,395	3,003	8,398
PASSIVE SMOKERS																					
Lung cancer	1.6	1.4	--	--	0	0	0	0	2	2	3	2	3	2	1	1			8	6	14
Ischaemic heart disease	1.8	1.5	--	--	0	0	5	1	43	12	40	16	38	22	15	17			143	69	212
TOTAL PASSIVE SMOKERS	1.8	1.4	--	--	0	0	6	2	45	14	43	18	41	24	16	18			151	75	226
OVERALL			162	120	70	76	371	235	1,604	693	1,457	708	1,175	688	706	559			5,546	3,078	8,623

* hospital days in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-9. Smoking-attributable fractions and number of hospital diagnoses due to morbidity attributable to tobacco by sex, age and disease category in Nova Scotia, 2002

CONDITION	SAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.7	51.3	--	--	1	1	7	4	28	13	19	8	13	7	5	4	73	38	111	
Oesophageal cancer	48.8	40.0	--	--	0	0	1	0	13	3	14	4	15	4	7	3	51	15	66	
Stomach cancer	16.4	12.5	--	--	0	0	1	1	4	2	5	2	5	2	3	1	18	8	26	
Pancreatic cancer	17.7	13.4	--	--	0	0	1	1	6	3	5	4	5	4	3	3	20	15	35	
Laryngeal cancer	67.7	60.8	--	--	0	0	2	1	11	3	17	3	13	3	5	1	49	12	61	
Trachea, bronchus and lung cancers	88.6	63.8	--	--	1	1	13	13	137	105	229	135	280	130	109	50	768	434	1,202	
Cervical cancer	--	36.4	--	--	--	4	--	25	--	20	--	6	--	5	--	3	--	64	64	
Urinary tract cancer	55.6	38.3	--	--	2	1	11	4	61	17	78	20	97	27	65	20	312	90	402	
Renal cell carcinoma	26.0	7.5	--	--	0	0	3	1	13	2	12	2	11	2	5	1	44	8	52	
Bladder cancer	67.7	52.4	--	--	1	0	3	1	29	7	53	13	87	19	69	19	242	60	303	
Acute myeloid leukemia	21.9	17.7	--	--	1	1	2	1	4	3	3	2	3	2	1	1	13	9	22	
TOTAL	48.9	39.5	--	--	5	9	37	51	264	169	370	185	431	184	198	87	1,305	684	1,989	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	3	5	7	8	18	11	9	8	7	5	2	3	46	40	86	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	1	0	0	0	0	0	0	0	0	1	1	2	
TOTAL	100.0	100.0	--	--	3	5	8	9	18	11	9	8	7	5	2	3	47	41	88	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.4	44.3	--	--	6	3	231	61	--	--	--	--	--	--	--	--	237	64	301	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1,173	326	--	--	--	--	--	--	1,173	326	1,499	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	822	301	--	--	--	--	822	301	1,123	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	339	164	--	--	339	164	503	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	177	121	177	121	298	
Pulmonary circulatory disease	81.0	76.4	--	--	8	10	22	29	53	55	56	56	75	79	45	67	258	296	554	
Cardiac arrhythmias																				
Age < 45 yrs	43.6	37.5	--	--	14	11	49	30	--	--	--	--	--	--	--	--	63	41	104	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	171	73	--	--	--	--	--	--	171	73	244	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	180	83	--	--	--	--	180	83	263	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	109	65	--	--	109	65	174	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	76	63	76	63	139	
Heart Failure																				
Age < 45 yrs	41.0	31.7	--	--	6	4	24	15	--	--	--	--	--	--	--	--	30	19	49	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	115	57	--	--	--	--	--	--	115	57	172	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	136	75	--	--	--	--	136	75	212	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	90	57	--	--	90	57	147	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	82	69	82	69	152	

Table D-HC-S-9. Continued

CONDITION	SAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebrovascular diseases*																				
Age < 65 yrs	39.1	35.4	--	--	5	6	19	18	82	54	44	24	--	--	--	--	150	103	252	
>= 65 yrs	14.7	10.5	--	--	--	--	--	--	--	--	31	18	77	51	57	53	165	122	287	
Atherosclerosis	33.5	36.9	--	--	4	5	12	16	84	50	133	76	180	127	84	76	496	350	846	
TOTAL	23.7	16.3	--	--	42	39	356	170	1,678	615	1,403	632	869	543	522	449	4,871	2,448	7,319	
RESPIRATORY DISEASES																				
Pneumonia/ Influenza	17.3	12.8	--	--	13	12	32	24	61	45	73	44	130	71	137	94	446	291	737	
Chronic obstructive pulmonary disease	82.6	76.9	--	--	7	6	12	14	28	23	36	29	59	43	39	38	181	153	334	
TOTAL	22.3	17.9	--	--	21	18	44	39	90	68	109	73	188	114	175	133	627	444	1,071	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	47.7	38.3	--	--	4	3	14	8	32	17	32	16	43	27	30	29	156	101	256	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	150	112	--	--	--	--	--	--	--	--	--	--	--	--	150	112	262	
Sudden infant death syndrome	31.2	26.5	1	0	--	--	--	--	--	--	--	--	--	--	--	--	1	0	1	
TOTAL	24.7	20.6	150	112	--	--	--	--	--	--	--	--	--	--	--	--	150	112	263	
INJURY																				
TOTAL (Fire Injury)	24.6	24.6	--	--	1	0	1	0	1	1	0	0	1	0	0	0	5	2	7	
TOTAL ACTIVE SMOKERS	26.5	19.1	150	112	77	74	460	276	2,082	880	1,924	913	1,539	874	928	701	7,161	3,832	10,993	
PASSIVE SMOKERS																				
Lung cancer	1.6	1.4	--	--	0	0	0	0	3	3	5	3	5	3	1	1	14	10	23	
Ischaemic heart disease	1.8	1.5	--	--	1	0	8	2	63	18	59	23	56	32	22	25	208	100	308	
TOTAL PASSIVE SMOKERS	1.8	1.4	--	--	1	0	8	2	66	20	63	26	60	35	23	26	221	110	331	
OVERALL			150	112	77	74	468	279	2,148	901	1,987	939	1,600	909	952	728	7,382	3,942	11,324	

* hospital diagnoses in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-10. Smoking-attributable fractions and number of hospital diagnoses due to morbidity attributable to tobacco by sex, age and disease category in Prince Edward Island, 2002

CONDITION	SAF%		Number of hospital diagnoses														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M	F
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.7	51.3	--	--	0	0	1	0	2	1	2	1	1	1	1	0	0	6	3	10
Oesophageal cancer	48.8	40.0	--	--	0	0	0	0	2	0	2	1	2	1	1	0	0	7	2	9
Stomach cancer	16.4	12.5	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Pancreatic cancer	17.7	13.4	--	--	0	0	0	0	1	1	1	1	1	1	0	1	0	3	3	6
Laryngeal cancer	67.7	60.8	--	--	0	0	0	0	2	0	2	0	2	0	1	0	0	7	2	8
Trachea, bronchus and lung cancers	88.6	63.8	--	--	0	0	2	2	17	13	29	17	35	16	14	6	0	96	54	150
Cervical cancer	--	36.4	--	--	--	0	--	1	--	1	--	0	--	0	--	0	--	3	3	3
Urinary tract cancer	55.6	38.3	--	--	0	0	1	0	7	2	9	2	11	3	8	2	0	37	10	47
Renal cell carcinoma	26.0	7.5	--	--	0	0	0	0	1	0	1	0	1	0	0	0	0	4	1	5
Bladder cancer	67.7	52.4	--	--	0	0	0	0	4	1	7	2	12	3	9	3	0	33	8	41
Acute myeloid leukemia	21.9	17.7	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
TOTAL	48.9	39.5	--	--	1	1	4	4	32	19	45	22	53	22	24	10	0	158	78	236
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	1	1	2	2	5	3	3	2	2	2	1	1	0	13	12	25
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	100.0	100.0	--	--	1	1	2	2	5	3	3	2	2	2	1	1	0	13	12	25
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.4	44.3	--	--	1	0	24	6	--	--	--	--	--	--	--	--	--	25	7	31
45-59 yrs	42.2	37.3	--	--	--	--	--	--	122	34	--	--	--	--	--	--	--	122	34	156
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	86	31	--	--	--	--	--	86	31	117
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	35	17	--	--	--	35	17	52
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	19	13	--	19	13	31
Pulmonary circulatory disease	81.0	76.4	--	--	1	1	2	3	5	5	5	5	7	7	4	6	0	24	27	51
Cardiac arrhythmias																				
Age < 45 yrs	43.6	37.5	--	--	2	1	6	3	--	--	--	--	--	--	--	--	--	7	5	12
45-59 yrs	42.2	37.3	--	--	--	--	--	--	19	8	--	--	--	--	--	--	--	19	8	28
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	20	9	--	--	--	--	--	20	9	30
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	12	7	--	--	--	12	7	20
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	9	7	--	9	7	16
Heart Failure																				
Age < 45 yrs	41.0	31.7	--	--	1	1	4	2	--	--	--	--	--	--	--	--	--	5	3	7
45-59 yrs	42.2	37.3	--	--	--	--	--	--	17	9	--	--	--	--	--	--	--	17	9	26
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	20	11	--	--	--	--	--	20	11	32
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	13	9	--	--	--	13	9	22
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	12	10	--	12	10	23

Table D-HC-S-10. Continued

CONDITION	SAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebrovascular diseases*																				
Age < 65 yrs	39.1	35.4	--	--	1	1	4	3	15	10	8	5	--	--	--	--	28	19	47	
>= 65 yrs	14.7	10.5	--	--	--	--	--	--	--	--	6	3	14	10	11	10	31	23	54	
Atherosclerosis	33.5	36.9	--	--	0	1	2	2	11	7	17	10	24	17	11	10	65	46	111	
TOTAL	23.7	16.3	--	--	5	5	40	20	190	73	163	75	106	67	65	56	570	296	866	
RESPIRATORY DISEASES																				
Pneumonia/ Influenza	17.3	12.8	--	--	2	2	6	4	11	8	13	8	23	13	24	17	79	52	131	
Chronic obstructive pulmonary disease	82.6	76.9	--	--	2	2	3	4	7	6	9	7	15	11	10	10	45	38	84	
TOTAL	22.3	17.9	--	--	4	4	9	8	18	14	22	15	38	23	34	26	125	90	215	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	47.7	38.3	--	--	1	0	2	1	4	2	4	2	5	3	4	4	20	13	33	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	12	9	--	--	--	--	--	--	--	--	--	--	--	--	12	9	21	
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
TOTAL	24.7	20.6	12	9	--	--	--	--	--	--	--	--	--	--	--	--	12	9	21	
INJURY																				
TOTAL (Fire Injury)	24.6	24.6	--	--	1	0	1	0	0	0	0	0	0	0	0	0	2	1	3	
TOTAL ACTIVE SMOKERS	26.5	19.1	12	9	12	11	58	36	249	111	237	117	204	117	128	98	901	498	1,399	
PASSIVE SMOKERS																				
Lung cancer	1.6	1.4	--	--	0	0	0	0	0	0	1	0	1	0	0	0	2	1	3	
Ischaemic heart disease	1.8	1.5	--	--	0	0	1	0	7	2	6	2	6	3	2	3	22	10	32	
TOTAL PASSIVE SMOKERS	1.8	1.4	--	--	0	0	1	0	7	2	7	3	6	4	2	3	23	12	35	
OVERALL			12	9	12	11	58	36	256	113	244	119	211	121	130	100	924	510	1,434	

* hospital diagnoses in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-11. Smoking-attributable fractions and number of hospital diagnoses due to morbidity attributable to tobacco by sex, age and disease category in Newfoundland, 2002

CONDITION	SAF%		Number of hospital diagnoses														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M	F
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.7	51.3	--	--	1	1	4	3	17	8	11	5	8	4	3	3	43	23	66	
Oesophageal cancer	48.8	40.0	--	--	0	0	1	0	7	1	7	2	8	2	4	2	26	8	34	
Stomach cancer	16.4	12.5	--	--	0	0	1	0	3	2	4	1	4	2	3	1	15	6	22	
Pancreatic cancer	17.7	13.4	--	--	0	0	0	0	3	2	3	2	3	2	1	2	11	8	19	
Laryngeal cancer	67.7	60.8	--	--	0	0	1	0	5	1	8	2	6	2	2	1	22	5	27	
Trachea, bronchus and lung cancers	88.6	63.8	--	--	1	0	6	6	64	49	106	63	130	60	51	23	357	202	559	
Cervical cancer	--	36.4	--	--	--	2	--	15	--	12	--	4	--	3	--	2	--	36	36	
Urinary tract cancer	55.6	38.3	--	--	1	1	5	2	31	9	40	10	50	14	33	10	161	46	207	
Renal cell carcinoma	26.0	7.5	--	--	0	0	1	0	6	1	6	1	5	1	2	0	20	4	24	
Bladder cancer	67.7	52.4	--	--	0	0	2	1	18	5	33	8	54	12	42	12	149	37	186	
Acute myeloid leukemia	21.9	17.7	--	--	0	0	1	1	2	1	2	1	1	1	1	0	7	5	12	
TOTAL	48.9	39.5	--	--	3	5	19	27	132	84	181	90	210	90	98	43	642	339	982	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	100.0	100.0	--	--	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.4	44.3	--	--	3	1	110	29	0	0	0	0	0	0	0	0	114	31	144	
45-59 yrs	42.2	37.3	--	--	0	0	0	0	562	156	0	0	0	0	0	0	562	156	718	
60-69 yrs	29.1	23.4	--	--	0	0	0	0	0	0	394	144	0	0	0	0	394	144	538	
70-79 yrs	10.0	7.3	--	--	0	0	0	0	0	0	0	0	162	78	0	0	162	78	241	
80+ yrs	8.9	5.1	--	--	0	0	0	0	0	0	0	0	0	0	85	58	85	58	143	
Pulmonary circulatory disease	81.0	76.4	--	--	3	4	9	12	21	22	22	22	30	31	18	26	102	117	219	
Cardiac arrhythmias																				
Age < 45 yrs	43.6	37.5	--	--	7	5	23	14	0	0	0	0	0	0	0	0	29	19	48	
45-59 yrs	42.2	37.3	--	--	0	0	0	0	79	34	0	0	0	0	0	0	79	34	113	
60-69 yrs	29.1	23.4	--	--	0	0	0	0	0	0	84	38	0	0	0	0	84	38	122	
70-79 yrs	10.0	7.3	--	--	0	0	0	0	0	0	0	0	51	30	0	0	51	30	81	
80+ yrs	8.9	5.1	--	--	0	0	0	0	0	0	0	0	0	0	35	29	35	29	64	
Heart Failure																				
Age < 45 yrs	41.0	31.7	--	--	3	2	14	9	0	0	0	0	0	0	0	0	17	11	28	
45-59 yrs	42.2	37.3	--	--	0	0	0	0	67	33	0	0	0	0	0	0	67	33	99	
60-69 yrs	29.1	23.4	--	--	0	0	0	0	0	0	79	44	0	0	0	0	79	44	122	
70-79 yrs	10.0	7.3	--	--	0	0	0	0	0	0	0	0	52	33	0	0	52	33	85	
80+ yrs	8.9	5.1	--	--	0	0	0	0	0	0	0	0	0	0	48	40	48	40	88	

Table D-HC-S-11. Continued

CONDITION	SAF%		Number of hospital diagnoses																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Cerebrovascular diseases*																				
Age < 65 yrs	39.1	35.4	--	--	3	3	10	9	43	29	23	13	--	--	--	--	79	54	134	
>= 65 yrs	14.7	10.5	--	--	--	--	--	--	--	--	16	10	41	27	30	28	87	65	152	
Atherosclerosis	33.5	36.9	--	--	2	3	7	9	49	29	77	44	104	74	49	44	288	203	490	
TOTAL	23.7	16.3	--	--	21	19	173	82	821	303	696	314	440	274	265	226	2,415	1,218	3,632	
RESPIRATORY DISEASES																				
Pneumonia/ Influenza	17.3	12.8	--	--	6	6	15	11	28	21	34	20	60	33	63	43	205	134	339	
Chronic obstructive pulmonary disease	82.6	76.9	--	--	3	3	5	6	12	10	15	12	25	18	17	16	77	66	143	
TOTAL	22.3	17.9	--	--	9	8	20	17	40	30	49	33	85	51	79	60	282	199	482	
INTESTINAL DISEASE																				
Peptic ulcer	47.7	38.3	--	--	3	2	9	5	20	11	20	10	27	17	19	18	96	62	158	
TOTAL (Ulcers)	47.7	38.3	--	--	3	2	9	5	20	11	20	10	27	17	19	18	96	62	158	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	78	58	--	--	--	--	--	--	--	--	--	--	--	--	78	58	137	
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
TOTAL	24.7	20.6	78	58	--	--	--	--	--	--	--	--	--	--	--	--	78	58	137	
INJURY																				
TOTAL (Fire Injury)	24.6	24.6	--	--	1	0	1	0	1	1	0	0	0	0	0	0	4	2	6	
TOTAL ACTIVE SMOKERS	26.5	19.1	78	58	36	34	222	133	1,014	429	946	447	762	432	461	348	3,519	1,880	5,399	
PASSIVE SMOKERS																				
Lung cancer	1.6	1.4	--	--	0	0	0	0	1	1	2	1	2	1	1	0	6	4	11	
Ischaemic heart disease	1.8	1.5	--	--	0	0	4	1	30	8	28	11	27	16	11	12	99	48	148	
TOTAL PASSIVE SMOKERS	1.8	1.4	--	--	0	0	4	1	31	10	30	12	29	17	11	13	106	53	158	
OVERALL			78	58	37	34	225	134	1,046	438	976	459	791	449	472	360	3,625	1,932	5,558	

* hospital diagnoses in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-12. Smoking-attributable fractions and number of hospital diagnoses due to morbidity attributable to tobacco by sex, age and disease category in Yukon, 2002

CONDITION	SAF%		Number of hospital diagnoses														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M	F
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.7	51.3	--	--	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1	3
Oesophageal cancer	48.8	40.0	--	--	0	0	0	0	0	0	1	0	1	0	0	0	0	2	1	2
Stomach cancer	16.4	12.5	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Pancreatic cancer	17.7	13.4	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laryngeal cancer	67.7	60.8	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Trachea, bronchus and lung cancers	88.6	63.8	--	--	0	0	0	0	3	2	5	3	7	3	3	1	18	10	28	
Cervical cancer	--	36.4	--	--	--	0	--	1	--	1	--	0	--	0	--	0	--	4	4	
Urinary tract cancer	55.6	38.3	--	--	0	0	0	0	1	0	1	0	1	0	1	0	3	1	4	
Renal cell carcinoma	26.0	7.5	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Bladder cancer	67.7	52.4	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	
Acute myeloid leukemia	21.9	17.7	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	48.9	39.5	--	--	0	0	1	2	6	4	8	4	9	4	4	2	27	17	45	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	0	0	0	0	1	1	1	0	0	0	0	0	3	2	5	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	100.0	100.0	--	--	0	0	0	0	1	1	1	0	0	0	0	0	3	2	5	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.4	44.3	--	--	0	0	3	1	--	--	--	--	--	--	--	--	3	1	3	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	13	4	--	--	--	--	--	--	13	4	17	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	9	3	--	--	--	--	9	3	13	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	4	2	--	--	4	2	6	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	2	1	2	1	3	
Pulmonary circulatory disease	81.0	76.4	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
Cardiac arrhythmias																				
Age < 45 yrs	43.6	37.5	--	--	0	0	1	1	--	--	--	--	--	--	--	--	1	1	2	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	3	1	--	--	--	--	--	--	3	1	5	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	3	2	--	--	--	--	3	2	5	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	2	1	--	--	2	1	3	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	1	1	3	
Heart Failure																				
Age < 45 yrs	41.0	31.7	--	--	0	0	0	0	--	--	--	--	--	--	--	--	1	0	1	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	2	1	--	--	--	--	--	--	2	1	3	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	2	1	--	--	--	--	2	1	4	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	2	1	--	--	2	1	3	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	1	1	3	

Table D-HC-S-12. Continued

CONDITION	SAF%		Number of hospital diagnoses														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Cerebrovascular diseases*																			
Age < 65 yrs	39.1	35.4	--	--	0	0	0	0	2	1	1	1	--	--	--	--	4	2	6
>= 65 yrs	14.7	10.5	--	--	--	--	--	--	--	--	1	0	2	1	1	1	4	3	7
Atherosclerosis	33.5	36.9	--	--	0	0	0	0	1	1	2	1	3	2	1	1	9	6	15
TOTAL	23.7	16.3	--	--	1	1	5	2	22	9	20	9	13	8	8	7	68	35	103
RESPIRATORY DISEASES																			
Pneumonia/ Influenza	17.3	12.8	--	--	0	0	1	1	2	1	2	1	4	2	4	3	12	8	20
Chronic obstructive pulmonary disease	82.6	76.9	--	--	0	0	0	0	0	0	0	0	1	1	0	0	2	2	4
TOTAL	22.3	17.9	--	--	0	0	1	1	2	2	2	2	4	2	4	3	14	10	24
INTESTINAL DISEASE																			
TOTAL (Ulcers)	47.7	38.3	--	--	0	0	1	0	2	1	2	1	2	1	2	2	8	5	13
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birthweight and short gestation	24.7	20.6	4	3	--	--	--	--	--	--	--	--	--	--	--	--	4	3	7
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
TOTAL	24.7	20.6	4	3	--	--	--	--	--	--	--	--	--	--	--	--	4	3	7
INJURY																			
TOTAL (Fire Injury)	24.6	24.6	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL ACTIVE SMOKERS	26.5	19.1	4	3	2	2	8	6	33	16	32	16	29	16	18	13	126	73	199
PASSIVE SMOKERS																			
Lung cancer	1.6	1.4	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Ischaemic heart disease	1.8	1.5	--	--	0	0	0	0	1	0	1	0	1	0	0	0	2	1	4
TOTAL PASSIVE SMOKERS	1.8	1.4	--	--	0	0	0	0	1	0	1	0	1	0	0	0	3	1	4
OVERALL			4	3	2	2	8	6	34	16	33	16	30	17	18	14	129	74	203

* hospital diagnoses in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-13. Smoking-attributable fractions and number of hospital diagnoses due to morbidity attributable to tobacco by sex, age and disease category in Northwest Territories, 2002

CONDITION	SAF%		Number of hospital diagnoses														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.7	51.3	--	--	0	0	0	0	1	0	1	0	0	0	0	0	3	1	4	
Oesophageal cancer	48.8	40.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Stomach cancer	16.4	12.5	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Pancreatic cancer	17.7	13.4	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Laryngeal cancer	67.7	60.8	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trachea, bronchus and lung cancers	88.6	63.8	--	--	0	0	0	0	2	2	3	2	4	2	2	1	11	6	17	
Cervical cancer	--	36.4	--	--	--	0	--	1	--	1	--	0	--	0	--	0	--	2	2	
Urinary tract cancer	55.6	38.3	--	--	0	0	0	0	1	0	1	0	1	0	1	0	4	1	5	
Renal cell carcinoma	26.0	7.5	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	
Bladder cancer	67.7	52.4	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	
Acute myeloid leukemia	21.9	17.7	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
TOTAL	48.9	39.5	--	--	0	0	1	1	4	3	6	3	6	3	3	1	20	11	31	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	100.0	100.0	--	--	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.4	44.3	--	--	0	0	2	1	--	--	--	--	--	--	--	--	2	1	3	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	11	3	--	--	--	--	--	--	11	3	14	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	8	3	--	--	--	--	8	3	10	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	3	2	--	--	3	2	5	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	2	1	2	1	3	
Pulmonary circulatory disease	81.0	76.4	--	--	0	0	1	1	1	1	2	1	2	2	1	2	7	8	15	
Cardiac arrhythmias																				
Age < 45 yrs	43.6	37.5	--	--	0	0	1	0	--	--	--	--	--	--	--	--	1	1	1	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	2	1	--	--	--	--	--	--	2	1	3	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	2	1	--	--	--	--	2	1	3	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	1	1	--	--	1	1	2	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	1	1	2	
Heart Failure																				
Age < 45 yrs	41.0	31.7	--	--	0	0	0	0	--	--	--	--	--	--	--	--	1	0	1	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	2	1	--	--	--	--	--	--	2	1	3	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	2	1	--	--	--	--	2	1	4	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	2	1	--	--	2	1	3	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	1	1	3	

Table D-HC-S-13. Continued

CONDITION	SAF%		Number of hospital diagnoses																TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F							
Cerebrovascular diseases*																					
Age < 65 yrs	39.1	35.4	--	--	0	0	0	0	2	1	1	1	--	--	--	--	4	2	6		
>= 65 yrs	14.7	10.5	--	--	--	--	--	--	--	--	1	0	2	1	1	1	4	3	7		
Atherosclerosis	33.5	36.9	--	--	0	0	0	0	0	0	1	0	1	1	0	0	2	1	3		
TOTAL	23.7	16.3	--	--	1	1	4	2	19	8	16	8	11	7	7	6	57	33	90		
RESPIRATORY DISEASES																					
Pneumonia/ Influenza	17.3	12.8	--	--	1	1	2	2	4	3	5	3	9	5	10	7	31	20	52		
Chronic obstructive pulmonary disease	82.6	76.9	--	--	0	0	0	0	0	0	0	0	1	1	0	0	2	2	4		
TOTAL	22.3	17.9	--	--	1	1	2	2	5	3	6	3	10	6	10	7	34	22	56		
INTESTINAL DISEASE																					
TOTAL (Ulcers)	47.7	38.3	--	--	0	0	1	1	2	1	2	1	3	2	2	2	10	7	17		
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birthweight and short gestation	24.7	20.6	8	6	--	--	--	--	--	--	--	--	--	--	--	--	8	6	14		
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0		
TOTAL	24.7	20.6	8	6	--	--	--	--	--	--	--	--	--	--	--	--	8	6	14		
INJURY																					
TOTAL (Fire Injury)	24.6	24.6	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
TOTAL ACTIVE SMOKERS	26.5	19.1	8	6	2	2	9	6	30	16	30	16	30	18	22	17	131	80	211		
PASSIVE SMOKERS																					
Lung cancer	1.6	1.4	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Ischaemic heart disease	1.8	1.5	--	--	0	0	0	0	1	0	1	0	1	0	0	0	2	1	3		
TOTAL PASSIVE SMOKERS	1.8	1.4	--	--	0	0	0	0	1	0	1	0	1	0	0	0	2	1	3		
OVERALL			8	6	2	2	9	6	31	16	30	16	30	18	22	17	133	81	214		

* hospital diagnoses in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-14. Smoking-attributable fractions and number of hospital diagnoses due to morbidity attributable to tobacco by sex, age and disease category in Nunavut, 2002

	SAF%		Number of hospital diagnoses														TOTAL	OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M
ACTIVE SMOKERS																			
MALIGNANT NEOPLASMS																			
Oropharyngeal cancer	58.7	51.3	--	--	0	0	0	0	1	0	1	0	0	0	0	0	2	1	4
Oesophageal cancer	48.8	40.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Stomach cancer	16.4	12.5	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Pancreatic cancer	17.7	13.4	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Laryngeal cancer	67.7	60.8	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Trachea, bronchus and lung cancers	88.6	63.8	--	--	0	0	0	0	3	2	5	3	6	3	2	1	17	10	27
Cervical cancer	--	36.4	--	--	--	0	--	1	--	0	--	0	--	0	--	0	--	1	1
Urinary tract cancer	55.6	38.3	--	--	0	0	0	0	1	0	2	0	2	1	2	0	8	2	10
Renal cell carcinoma	26.0	7.5	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Bladder cancer	67.7	52.4	--	--	0	0	0	0	1	0	1	0	2	1	2	1	7	2	8
Acute myeloid leukemia	21.9	17.7	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	48.9	39.5	--	--	0	0	1	1	6	4	9	4	10	4	5	2	31	16	46
TOBACCO ABUSE																			
Tobacco abuse	100.0	100.0	--	--	0	1	1	1	3	2	1	1	1	1	0	0	7	6	14
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	100.0	100.0	--	--	0	1	1	1	3	2	1	1	1	1	0	0	7	6	14
CARDIOVASCULAR DISEASES																			
Ischaemic heart disease																			
Age < 45 yrs	51.4	44.3	--	--	0	0	6	2	--	--	--	--	--	--	--	--	6	2	8
45-59 yrs	42.2	37.3	--	--	--	--	--	--	30	8	--	--	--	--	--	--	30	8	38
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	21	8	--	--	--	--	21	8	28
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	9	4	--	--	9	4	13
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	4	3	4	3	8
Pulmonary circulatory disease	81.0	76.4	--	--	0	0	1	1	2	2	2	2	2	3	1	2	9	10	18
Cardiac arrhythmias																			
Age < 45 yrs	43.6	37.5	--	--	0	0	1	1	--	--	--	--	--	--	--	--	2	1	3
45-59 yrs	42.2	37.3	--	--	--	--	--	--	5	2	--	--	--	--	--	--	5	2	7
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	5	2	--	--	--	--	5	2	8
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	3	2	--	--	3	2	5
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	2	2	2	2	4
Heart failure																			
Age < 45 yrs	41.0	31.7	--	--	0	0	1	0	--	--	--	--	--	--	--	--	1	1	1
45-59 yrs	42.2	37.3	--	--	--	--	--	--	3	2	--	--	--	--	--	--	3	2	5
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	4	2	--	--	--	--	4	2	6
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	3	2	--	--	3	2	4
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	2	2	2	2	5

Table D-HC-S-14. Continued

CONDITION	SAF%		Number of hospital diagnoses																TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F							
Cerebrovascular diseases*																					
Age < 65 yrs	39.1	35.4	--	--	0	0	1	1	2	2	1	1	--	--	--	--		4	3	7	
>= 65 yrs	14.7	10.5	--	--	--	--	--	--	--	--	1	1	2	1	2	2		5	4	8	
Atherosclerosis	33.5	36.9	--	--	0	0	0	0	2	1	3	2	5	3	2	2		13	9	22	
TOTAL	23.7	16.3	--	--	1	1	10	5	44	17	38	17	24	15	15	13		131	68	199	
RESPIRATORY DISEASES																					
Pneumonia/ Influenza	17.3	12.8	--	--	0	0	1	1	2	1	2	1	3	2	4	3		12	8	20	
Chronic obstructive pulmonary disease	82.6	76.9	--	--	0	0	0	0	1	1	1	1	2	1	1	1		5	4	9	
TOTAL	22.3	17.9	--	--	1	0	1	1	2	2	3	2	5	3	5	4		17	12	29	
INTESTINAL DISEASE																					
TOTAL (Ulcers)	47.7	38.3	--	--	0	0	1	0	1	1	1	1	2	1	1	1		6	4	10	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birthweight and short gestation	24.7	20.6	6	4	--	--	--	--	--	--	--	--	--	--	--	--		6	4	10	
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--		0	0	0	
TOTAL	24.7	20.6	6	4	--	--	--	--	--	--	--	--	--	--	--	--		6	4	10	
INJURY																					
TOTAL (Fire Injury)	24.6	24.6	--	--	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	
TOTAL ACTIVE SMOKERS	26.5	19.1	6	4	3	3	13	9	57	25	52	25	42	24	25	20		198	110	308	
PASSIVE SMOKERS																					
Lung cancer	1.6	1.4	--	--	0	0	0	0	0	0	0	0	0	0	0	0		0	0	1	
Ischaemic heart disease	1.8	1.5	--	--	0	0	0	0	2	0	1	1	1	1	1	1		5	3	8	
TOTAL PASSIVE SMOKERS	1.8	1.4	--	--	0	0	0	0	2	1	2	1	2	1	1	1		6	3	8	
OVERALL			6	4	3	3	14	9	59	25	53	26	43	25	26	20		203	113	316	

* hospital diagnoses in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-15. Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in Canada, 2002

CONDITION	SAF%		Number of hospital days														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ACTIVE SMOKERS																			
MALIGNANT NEOPLASMS																			
Oropharyngeal cancer	34.8	30.2	--	--	80	73	900	485	4,678	1,799	3,910	1,509	2,860	1,494	873	765	13,302	6,125	19,427
Oesophageal cancer	29.4	23.6	--	--	18	0	157	25	2,240	503	2,751	749	3,006	1,125	1,282	737	9,453	3,140	12,593
Stomach cancer	9.8	7.4	--	--	13	33	184	144	848	424	1,095	389	1,307	640	861	438	4,308	2,068	6,376
Pancreatic cancer	10.4	8.0	--	--	2	31	142	117	1,019	856	1,062	927	1,295	1,122	668	778	4,189	3,831	8,021
Laryngeal cancer	40.4	35.6	--	--	1	8	246	18	1,500	348	2,608	513	2,235	740	1,048	188	7,637	1,815	9,452
Trachea, bronchus and lung cancers	53.4	37.9	--	--	76	34	1,510	1,739	18,631	15,089	34,156	22,261	47,799	24,922	21,910	11,235	124,082	75,280	199,362
Cervical cancer	--	21.4	--	--	--	225	--	1,532	--	1,462	--	590	--	593	--	405	--	4,807	4,807
Urinary tract cancer	33.2	22.6	--	--	179	136	1,494	362	6,402	2,008	8,482	2,850	12,206	4,142	9,253	3,651	38,017	13,149	51,165
Renal cell carcinoma	15.7	4.2	--	--	57	22	397	51	1,353	266	1,467	281	1,703	305	1,019	191	5,996	1,116	7,112
Bladder cancer	40.9	31.3	--	--	34	2	423	121	2,929	737	5,482	1,633	10,541	2,857	9,880	3,253	29,288	8,604	37,892
Acute myeloid leukemia	12.8	10.7	--	--	259	335	712	535	1,472	1,004	1,062	797	744	405	212	239	4,461	3,316	7,777
TOTAL	30.9	23.7	--	--	629	874	5,345	4,958	36,791	23,493	55,125	30,585	71,453	35,184	36,106	18,436	205,449	113,530	318,979
TOBACCO ABUSE																			
Tobacco abuse	100.0	100.0	--	--	625	910	2,075	2,028	6,091	3,968	3,914	3,595	4,249	3,110	1,249	2,165	18,204	15,776	33,979
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	1	0	8	30	0	0	0	0	0	0	0	0	9	30	39
TOTAL	100.0	100.0	--	--	625	910	2,083	2,057	6,091	3,968	3,914	3,595	4,249	3,110	1,249	2,165	18,213	15,805	34,018
CARDIOVASCULAR DISEASES																			
Ischaemic heart disease																			
Age < 45 yrs	30.4	26.5	--	--	621	208	19,423	6,341	--	--	--	--	--	--	--	--	20,044	6,548	26,593
45-59 yrs	25.2	22.3	--	--	--	--	--	--	119,120	36,466	--	--	--	--	--	--	119,120	36,466	155,586
60-69 yrs	17.4	14.0	--	--	--	--	--	--	--	103,449	42,245	--	--	--	--	--	103,449	42,245	145,694
70-79 yrs	6.0	4.3	--	--	--	--	--	--	--	--	--	52,164	26,986	--	--	--	52,164	26,986	79,150
80+ yrs	5.3	3.1	--	--	--	--	--	--	--	--	--	--	--	32,243	24,358	--	32,243	24,358	56,601
Pulmonary circulatory disease	47.9	44.9	--	--	2,153	2,262	5,830	6,718	15,613	13,917	17,214	15,863	25,068	26,664	16,074	25,311	81,952	90,735	172,687
Cardiac arrhythmias																			
Age < 45 yrs	24.7	20.5	--	--	2,771	1,571	6,387	4,006	--	--	--	--	--	--	--	--	9,158	5,577	14,735
45-59 yrs	25.2	22.2	--	--	--	--	--	--	29,911	12,656	--	--	--	--	--	--	29,911	12,656	42,568
60-69 yrs	17.3	13.9	--	--	--	--	--	--	--	35,626	16,305	--	--	--	--	--	35,626	16,305	51,931
70-79 yrs	6.0	4.3	--	--	--	--	--	--	--	--	--	24,437	14,648	--	--	--	24,437	14,648	39,084
80+ yrs	5.3	3.1	--	--	--	--	--	--	--	--	--	--	--	19,254	16,975	--	19,254	16,975	36,228
Heart Failure																			
Age < 45 yrs	23.5	18.0	--	--	1,748	1,101	5,015	3,670	--	--	--	--	--	--	--	--	6,764	4,771	11,535
45-59 yrs	25.2	22.3	--	--	--	--	--	--	24,850	13,435	--	--	--	--	--	--	24,850	13,435	38,285
60-69 yrs	17.4	14.0	--	--	--	--	--	--	--	31,466	18,134	--	--	--	--	--	31,466	18,134	49,600
70-79 yrs	6.0	4.3	--	--	--	--	--	--	--	--	--	22,437	15,173	--	--	--	22,437	15,173	37,610
80+ yrs	5.3	3.1	--	--	--	--	--	--	--	--	--	--	--	22,183	20,520	--	22,183	20,520	42,703

Table D-HC-S-15. Continued

CONDITION	SAF%		Number of hospital days																TOTAL	OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Cerebrovascular diseases*																					
Age < 65 yrs	23.5	21.3	--	--	1,675	1,861	5,293	6,228	24,282	16,361	14,220	7,876	--	--	--	--			45,470	32,326	77,796
>= 65 yrs	8.8	6.2	--	--	--	--	--	--	--	--	10,733	6,295	26,651	19,126	21,101	22,684			58,485	48,105	106,589
Atherosclerosis	19.8	21.7	--	--	767	627	2,160	2,991	16,149	10,369	27,226	16,194	41,247	30,953	22,053	19,707			109,603	80,842	190,445
TOTAL	13.2	9.2	--	--	9,736	7,630	44,109	29,954	229,927	103,204	239,934	122,914	192,005	133,550	132,907	129,554			848,617	526,806	1,375,423
RESPIRATORY DISEASES																					
Pneumonia/ Influenza	11.5	8.3	--	--	3,261	2,008	7,348	5,060	15,690	10,643	20,343	11,309	34,823	19,281	37,306	26,612			118,770	74,914	193,684
Chronic obstructive pulmonary disease	49.3	45.5	--	--	871	476	1,529	1,774	4,772	3,208	6,457	5,268	10,365	7,587	8,029	9,294			32,022	27,608	59,630
TOTAL	13.8	10.6	--	--	4,132	2,484	8,877	6,834	20,462	13,852	26,799	16,578	45,188	26,869	45,334	35,905			150,793	102,522	253,315
INTESTINAL DISEASE																					
TOTAL (Ulcers)	28.8	22.6	--	--	507	408	2,620	1,443	6,930	4,231	8,574	5,027	15,173	9,076	11,612	11,366			45,416	31,551	76,967
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birthweight and short gestation	14.8	12.3	59,906	42,580	--	--	--	--	--	--	--	--	--	--	--	--			59,906	42,580	102,485
Sudden infant death syndrome	19.6	16.7	2	0	--	--	--	--	--	--	--	--	--	--	--	--			2	0	2
TOTAL	14.8	12.3	59,907	42,580	--	--	--	--	--	--	--	--	--	--	--	--			59,907	42,580	102,487
INJURY																					
TOTAL (Fire Injury)	24.6	24.6	--	--	404	49	304	177	340	182	142	83	267	139	73	107			1,529	737	2,266
TOTAL ACTIVE SMOKERS	15.1	10.8	59,907	42,580	16,033	12,356	63,338	45,423	300,541	148,930	334,489	178,781	328,334	207,928	227,281	197,534			1,329,923	833,531	2,163,455
PASSIVE SMOKERS																					
Lung cancer	0.9	0.8	--	--	3	2	26	36	407	371	689	509	791	511	246	214			2,163	1,643	3,806
Ischaemic heart disease	1.0	0.8	--	--	53	18	660	211	6,351	1,975	7,361	3,198	8,599	5,338	4,048	5,081			27,073	15,821	42,894
TOTAL PASSIVE SMOKERS	1.0	0.8	--	--	57	20	686	247	6,758	2,346	8,050	3,707	9,389	5,849	4,295	5,295			29,235	17,465	46,700
OVERALL			59,907	42,580	16,090	12,376	64,024	45,670	307,299	151,276	342,539	182,488	337,724	213,777	231,576	202,829			1,359,159	850,996	2,210,155

* hospital days in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-16. Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in British Columbia, 2002

CONDITION	SAF%		Number of hospital days														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M	F
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.2	50.4	--	--	8	7	91	49	472	181	394	152	288	151	88	77	1,341	618	1,959	
Oesophageal cancer	48.5	39.0	--	--	2	0	21	3	300	68	369	100	403	151	172	99	1,267	421	1,688	
Stomach cancer	16.3	12.3	--	--	2	4	21	17	97	49	126	45	150	73	99	50	495	237	732	
Pancreatic cancer	17.4	13.3	--	--	0	4	18	15	132	111	137	120	168	145	86	101	542	496	1,038	
Laryngeal cancer	67.5	59.6	--	--	0	1	21	2	128	30	222	44	190	63	89	16	649	154	803	
Trachea, bronchus and lung cancers	88.5	62.8	--	--	9	4	182	209	2,244	1,817	4,114	2,681	5,757	3,002	2,639	1,353	14,945	9,067	24,012	
Cervical cancer	--	35.6	--	--	--	29	--	196	--	187	--	75	--	76	--	52	--	614	614	
Urinary tract cancer	55.1	37.5	--	--	23	17	191	46	818	257	1,084	364	1,560	529	1,183	467	4,860	1,681	6,540	
Renal cell carcinoma	26.0	7.0	--	--	7	3	48	6	163	32	176	34	205	37	122	23	721	134	855	
Bladder cancer	67.8	51.9	--	--	4	0	57	16	393	99	735	219	1,413	383	1,324	436	3,926	1,153	5,079	
Acute myeloid leukemia	21.4	17.8	--	--	27	35	74	56	153	104	110	83	77	42	22	25	464	345	808	
TOTAL	51.3	39.3	--	--	71	101	619	593	4,344	2,803	6,556	3,665	8,594	4,232	4,378	2,239	24,563	13,633	38,196	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	52	76	174	170	512	333	329	302	357	261	105	182	1,529	1,325	2,854	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL	100.0	100.0	--	--	52	76	175	171	512	333	329	302	357	261	105	182	1,529	1,326	2,855	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.0	44.5	--	--	60	20	1,888	616	--	--	--	--	--	--	--	--	1,948	636	2,585	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	11,578	3,544	--	--	--	--	--	--	11,578	3,544	15,122	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	10,055	4,106	--	--	--	--	10,055	4,106	14,161	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	5,070	2,623	--	--	5,070	2,623	7,693	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	3,134	2,368	3,134	2,368	5,501	
Pulmonary circulatory disease	80.9	75.8	--	--	224	235	606	698	1,622	1,446	1,789	1,648	2,605	2,771	1,670	2,630	8,516	9,429	17,945	
Cardiac arrhythmias																				
Age < 45 yrs	41.5	34.3	--	--	318	180	732	459	--	--	--	--	--	--	--	--	1,050	639	1,689	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	3,428	1,451	--	--	--	--	--	--	3,428	1,451	4,879	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	4,083	1,869	--	--	--	--	4,083	1,869	5,952	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	2,801	1,679	--	--	2,801	1,679	4,479	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	2,207	1,945	2,207	1,945	4,152	
Heart Failure																				
Age < 45 yrs	39.3	30.1	--	--	191	120	548	401	--	--	--	--	--	--	--	--	739	521	1,260	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	2,715	1,468	--	--	--	--	--	--	2,715	1,468	4,182	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	3,437	1,981	--	--	--	--	3,437	1,981	5,418	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	2,451	1,657	--	--	2,451	1,657	4,108	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	2,423	2,241	2,423	2,241	4,665	

Table D-HC-S-16. Continued

CONDITION	SAF%		Number of hospital days																TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Cerebrovascular diseases*																					
Age < 65 yrs	39.0	35.3	--	--	255	284	807	950	3,703	2,495	2,169	1,201	--	--	--	--			6,935	4,930	11,865
>= 65 yrs	14.6	10.3	--	--	--	--	--	--	--	--	1,637	960	4,065	2,917	3,218	3,460			8,920	7,337	16,256
Atherosclerosis	33.1	36.3	--	--	89	73	250	346	1,869	1,200	3,150	1,874	4,773	3,582	2,552	2,280			12,682	9,354	22,036
TOTAL	22.1	15.4	--	--	1,137	912	4,831	3,470	24,915	11,604	26,320	13,639	21,764	15,228	15,204	14,924			94,170	59,778	153,948
RESPIRATORY DISEASES																					
Pneumonia/ Influenza	19.2	13.8	--	--	409	252	921	634	1,967	1,334	2,550	1,418	4,365	2,417	4,676	3,336			14,887	9,390	24,277
Chronic obstructive pulmonary disease	82.8	76.5	--	--	88	48	155	179	483	325	653	533	1,049	768	812	940			3,240	2,793	6,033
TOTAL	22.9	17.8	--	--	497	300	1,076	814	2,449	1,659	3,203	1,951	5,414	3,184	5,488	4,276			18,127	12,183	30,310
INTESTINAL DISEASE																					
TOTAL (Ulcers)	48.4	38.0	--	--	67	54	345	190	913	558	1,130	663	2,000	1,196	1,531	1,498			5,986	4,159	10,145
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birthweight and short gestation	24.7	20.6	7,944	5,647	--	--	--	--	--	--	--	--	--	--	--	--			7,944	5,647	13,591
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--			0	0	0
TOTAL	24.7	20.6	7,944	5,647	--	--	--	--	--	--	--	--	--	--	--	--			7,944	5,647	13,591
INJURY																					
TOTAL (Fire Injury)	24.6	24.6	--	--	47	6	35	21	39	21	16	10	31	16	8	12			177	85	263
TOTAL ACTIVE SMOKERS	25.3	18.1	7,944	5,647	1,871	1,449	7,081	5,259	33,173	16,977	37,555	20,229	38,159	24,119	26,714	23,132			152,497	96,811	249,308
PASSIVE SMOKERS																					
Lung cancer	1.5	1.4	--	--	0	0	3	4	49	45	83	61	95	62	30	26			260	198	458
Ischaemic heart disease	1.7	1.4	--	--	5	2	64	21	617	192	715	311	836	519	393	494			2,631	1,538	4,169
TOTAL PASSIVE SMOKERS	1.7	1.4	--	--	6	2	67	25	666	237	798	372	931	580	423	520			2,892	1,736	4,628
OVERALL			7,944	5,647	1,877	1,451	7,148	5,284	33,839	17,214	38,353	20,601	39,090	24,699	27,137	23,652			155,389	98,547	253,936

* hospital days in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-17. Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in Alberta, 2002

CONDITION	SAF%		Number of hospital days														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ACTIVE SMOKERS																			
MALIGNANT NEOPLASMS																			
Oropharyngeal cancer	58.2	50.4	--	--	8	7	85	46	441	170	368	142	269	141	82	72	1,253	577	1,830
Oesophageal cancer	48.5	39.0	--	--	1	0	9	2	136	31	167	45	182	68	78	45	573	190	763
Stomach cancer	16.3	12.3	--	--	1	2	13	10	58	29	75	27	90	44	59	30	296	142	438
Pancreatic cancer	17.4	13.3	--	--	0	3	12	10	88	74	91	80	111	97	58	67	360	330	690
Laryngeal cancer	67.5	59.6	--	--	0	1	21	2	129	30	225	44	193	64	90	16	658	156	815
Trachea, bronchus and lung cancers	88.5	62.8	--	--	5	2	105	121	1,296	1,049	2,375	1,548	3,324	1,733	1,524	781	8,629	5,235	13,864
Cervical cancer	--	35.6	--	--	--	21	--	141	--	135	--	54	--	55	--	37	--	442	442
Urinary tract cancer	55.1	37.5	--	--	13	10	112	27	479	150	635	213	914	310	693	273	2,846	984	3,830
Renal cell carcinoma	26.0	7.0	--	--	5	2	33	4	111	22	121	23	140	25	84	16	494	92	586
Bladder cancer	67.8	51.9	--	--	2	0	31	9	212	53	397	118	763	207	715	235	2,119	623	2,742
Acute myeloid leukemia	21.4	17.8	--	--	22	28	60	45	125	85	90	68	63	34	18	20	378	281	659
TOTAL	51.3	39.3	--	--	50	74	418	403	2,751	1,752	4,027	2,222	5,146	2,545	2,601	1,342	14,994	8,338	23,332
TOBACCO ABUSE																			
Tobacco abuse	100.0	100.0	--	--	153	223	509	497	1,493	972	959	881	1,041	762	306	531	4,461	3,866	8,327
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	5	17	0	0	0	0	0	0	0	0	5	17	22
TOTAL	100.0	100.0	--	--	154	223	513	514	1,493	972	959	881	1,041	762	306	531	4,467	3,883	8,350
CARDIOVASCULAR DISEASES																			
Ischaemic heart disease																			
Age < 45 yrs	51.0	44.5	--	--	62	21	1,939	633	--	--	--	--	--	--	--	--	2,001	654	2,655
45-59 yrs	42.2	37.3	--	--	--	--	--	--	11,893	3,641	--	--	--	--	--	--	11,893	3,641	15,533
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	10,328	4,218	--	--	--	--	10,328	4,218	14,546
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	5,208	2,694	--	--	5,208	2,694	7,902
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	3,219	2,432	3,219	2,432	5,651
Pulmonary circulatory disease	80.9	75.8	--	--	281	295	760	876	2,035	1,814	2,243	2,067	3,267	3,475	2,095	3,298	10,680	11,824	22,504
Cardiac arrhythmias																			
Age < 45 yrs	41.5	34.3	--	--	297	168	684	429	--	--	--	--	--	--	--	--	981	597	1,578
45-59 yrs	42.2	37.3	--	--	--	--	--	--	3,204	1,356	--	--	--	--	--	--	3,204	1,356	4,560
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	3,816	1,747	--	--	--	--	3,816	1,747	5,563
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	2,618	1,569	--	--	2,618	1,569	4,187
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	2,062	1,818	2,062	1,818	3,881
Heart Failure																			
Age < 45 yrs	39.3	30.1	--	--	177	112	508	372	--	--	--	--	--	--	--	--	686	484	1,169
45-59 yrs	42.2	37.3	--	--	--	--	--	--	2,519	1,362	--	--	--	--	--	--	2,519	1,362	3,881
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	3,190	1,838	--	--	--	--	3,190	1,838	5,028
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	2,275	1,538	--	--	2,275	1,538	3,813
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	2,249	2,080	2,249	2,080	4,329

Table D-HC-S-17. Continued

CONDITION	SAF%		Number of hospital days																TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F							
Cerebrovascular diseases*																					
Age < 65 yrs	39.0	35.3	--	--	143	159	454	534	2,080	1,402	1,218	675							3,896	2,770	6,665
>= 65 yrs	14.6	10.3	--	--							920	539	2,283	1,639	1,808	1,943			5,011	4,122	9,132
Atherosclerosis	33.1	36.3	--	--	83	68	234	324	1,751	1,124	2,951	1,756	4,471	3,355	2,391	2,136			11,881	8,763	20,645
TOTAL	22.1	15.4	--	--	1,043	823	4,579	3,168	23,482	10,698	24,667	12,840	20,122	14,270	13,824	13,709			87,716	55,507	143,223
RESPIRATORY DISEASES																					
Pneumonia/ Influenza	19.2	13.8	--	--	258	159	582	401	1,242	842	1,610	895	2,756	1,526	2,953	2,107			9,401	5,930	15,331
Chronic obstructive pulmonary disease	82.8	76.5	--	--	102	56	179	208	558	375	755	616	1,213	888	939	1,087			3,747	3,230	6,977
TOTAL	22.9	17.8	--	--	360	215	761	608	1,800	1,218	2,366	1,512	3,969	2,414	3,892	3,194			13,148	9,160	22,309
INTESTINAL DISEASE																					
TOTAL (Ulcers)	48.4	38.0	--	--	59	47	303	167	803	490	993	582	1,757	1,051	1,345	1,317			5,260	3,654	8,915
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birthweight and short gestation	24.7	20.6	6,276	4,461	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,276	4,461	10,736
Sudden infant death syndrome	31.2	26.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	24.7	20.6	6,276	4,461															6,276	4,461	10,736
INJURY																					
TOTAL (Fire Injury)	24.6	24.6	--	--	56	7	42	24	47	25	20	11	37	19	10	15			211	102	313
TOTAL ACTIVE SMOKERS	25.3	18.1	6,276	4,461	1,722	1,389	6,616	4,884	30,376	15,155	33,031	18,047	32,073	21,063	21,978	20,107			132,072	85,106	217,178
PASSIVE SMOKERS																					
Lung cancer	1.5	1.4	--	--	0	0	2	2	28	26	48	35	55	36	17	15			150	114	265
Ischaemic heart disease	1.7	1.4	--	--	5	2	66	21	634	197	735	319	858	533	404	507			2,703	1,580	4,282
TOTAL PASSIVE SMOKERS	1.7	1.4	--	--	6	2	68	24	662	223	783	355	913	568	421	522			2,853	1,694	4,547
OVERALL			6,276	4,461	1,728	1,391	6,684	4,908	31,038	15,378	33,814	18,402	32,987	21,631	22,400	20,629			134,926	86,800	221,725

* hospital days in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-18. Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in Saskatchewan, 2002

CONDITION	SAF%		Number of hospital days														TOTAL	OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M
ACTIVE SMOKERS																			
MALIGNANT NEOPLASMS																			
Oropharyngeal cancer	58.2	50.4	--	--	3	3	33	18	169	65	141	55	103	54	32	28	481	221	702
Oesophageal cancer	48.5	39.0	--	--	1	0	6	1	84	19	103	28	113	42	48	28	354	118	472
Stomach cancer	16.3	12.3	--	--	1	1	7	6	34	17	44	16	52	26	35	18	173	83	256
Pancreatic cancer	17.4	13.3	--	--	0	1	6	5	42	35	44	38	54	46	28	32	173	159	332
Laryngeal cancer	67.5	59.6	--	--	0	0	7	1	44	10	77	15	66	22	31	6	225	53	278
Trachea, bronchus and lung cancers	88.5	62.8	--	--	3	1	63	73	783	634	1,435	935	2,008	1,047	921	472	5,214	3,163	8,377
Cervical cancer	--	35.6	--	--	--	11	--	77	--	73	--	30	--	30	--	20	--	241	241
Urinary tract cancer	55.1	37.5	--	--	8	6	64	15	273	85	361	121	520	176	394	155	1,618	560	2,178
Renal cell carcinoma	26.0	7.0	--	--	2	1	16	2	55	11	60	11	69	12	41	8	244	45	289
Bladder cancer	67.8	51.9	--	--	1	0	17	5	118	30	221	66	425	115	398	131	1,180	347	1,526
Acute myeloid leukemia	21.4	17.8	--	--	9	11	24	18	50	34	36	27	25	14	7	8	153	113	266
TOTAL	51.3	39.3	--	--	24	35	210	213	1,479	974	2,242	1,265	2,941	1,457	1,494	767	8,391	4,711	13,102
TOBACCO ABUSE																			
Tobacco abuse	100.0	100.0	--	--	10	15	34	33	100	65	64	59	70	51	21	36	299	259	559
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	100.0	100.0	--	--	10	15	34	33	100	65	64	59	70	51	21	36	299	259	559
CARDIOVASCULAR DISEASES																			
Ischaemic heart disease																			
Age < 45 yrs	51.0	44.5	--	--	23	8	726	237	--	--	--	--	--	--	--	--	749	245	993
45-59 yrs	42.2	37.3	--	--	--	--	--	--	4,450	1,362	--	--	--	--	--	--	4,450	1,362	5,812
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	3,864	1,578	--	--	--	--	3,864	1,578	5,442
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	1,949	1,008	--	--	1,949	1,008	2,957
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	1,204	910	1,204	910	2,114
Pulmonary circulatory disease	80.9	75.8	--	--	82	87	223	257	597	533	659	607	959	1,020	615	969	3,136	3,472	6,608
Cardiac arrhythmias																			
Age < 45 yrs	41.5	34.3	--	--	97	55	224	141	--	--	--	--	--	--	--	--	321	196	517
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1,050	444	--	--	--	--	--	--	1,050	444	1,494
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	1,250	572	--	--	--	--	1,250	572	1,822
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	858	514	--	--	858	514	1,372
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	676	596	676	596	1,271
Heart Failure																			
Age < 45 yrs	39.3	30.1	--	--	67	42	193	141	--	--	--	--	--	--	--	--	260	184	444
45-59 yrs	42.2	37.3	--	--	--	--	--	--	957	517	--	--	--	--	--	--	957	517	1,474
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	1,212	698	--	--	--	--	1,212	698	1,910
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	864	584	--	--	864	584	1,448
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	854	790	854	790	1,644

Table D-HC-S-18. Continued

CONDITION	SAF%		Number of hospital days																TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Cerebrovascular diseases*																					
Age < 65 yrs	39.0	35.3	--	--	59	65	186	219	852	574	499	276							1,596	1,135	2,731
>= 65 yrs	14.6	10.3	--	--							377	221	936	671	741	796			2,053	1,689	3,741
Atherosclerosis	33.1	36.3	--	--	25	21	71	99	534	343	901	536	1,364	1,024	729	652			3,625	2,674	6,299
TOTAL	22.1	15.4	--	--	354	278	1,623	1,093	8,440	3,773	8,761	4,489	6,929	4,822	4,819	4,712			30,927	19,167	50,094
RESPIRATORY DISEASES																					
Pneumonia/ Influenza	19.2	13.8	--	--	120	74	270	186	577	391	748	416	1,280	709	1,371	978			4,365	2,753	7,117
Chronic obstructive pulmonary disease	82.8	76.5	--	--	37	20	64	75	201	135	271	221	436	319	337	391			1,346	1,160	2,506
TOTAL	22.9	17.8	--	--	156	94	334	260	777	526	1,019	637	1,715	1,027	1,708	1,368			5,710	3,913	9,623
INTESTINAL DISEASE																					
TOTAL (Ulcers)	48.4	38.0	--	--	25	20	128	70	338	206	418	245	739	442	566	554			2,212	1,537	3,749
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birthweight and short gestation	24.7	20.6	2,051	1,458	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,051	1,458	3,509
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
TOTAL	24.7	20.6	2,051	1,458	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,051	1,458	3,509
INJURY																					
TOTAL (Fire Injury)	24.6	24.6	--	--	18	2	14	8	16	8	6	4	12	6	3	5			70	34	104
TOTAL ACTIVE SMOKERS	25.3	18.1	2,051	1,458	588	444	2,343	1,679	11,150	5,553	12,510	6,699	12,407	7,806	8,611	7,441			49,661	31,079	80,740
PASSIVE SMOKERS																					
Lung cancer	1.5	1.4	--	--	0	0	1	2	17	16	29	21	33	21	10	9			91	69	160
Ischaemic heart disease	1.7	1.4	--	--	2	1	25	8	237	74	275	119	321	199	151	190			1,011	591	1,602
TOTAL PASSIVE SMOKERS	1.7	1.4	--	--	2	1	26	9	254	89	304	141	354	221	162	199			1,102	660	1,762
OVERALL			2,051	1,458	590	445	2,369	1,688	11,404	5,642	12,814	6,839	12,761	8,027	8,773	7,640			50,763	31,739	82,502

* hospital days in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-19. Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in Manitoba, 2002

CONDITION	SAF%		Number of hospital days														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.2	50.4	--	--	3	3	36	20	189	73	158	61	116	60	35	31	537	247	785	
Oesophageal cancer	48.5	39.0	--	--	1	0	6	1	89	20	109	30	119	45	51	29	375	125	500	
Stomach cancer	16.3	12.3	--	--	1	1	7	6	34	17	44	15	52	25	34	17	171	82	254	
Pancreatic cancer	17.4	13.3	--	--	0	1	6	5	41	34	43	37	52	45	27	31	169	154	323	
Laryngeal cancer	67.5	59.6	--	--	0	0	10	1	60	14	105	21	90	30	42	8	306	73	379	
Trachea, bronchus and lung cancers	88.5	62.8	--	--	3	1	60	70	745	603	1,365	890	1,911	996	876	449	4,961	3,010	7,970	
Cervical cancer	--	35.6	--	--	--	9	--	61	--	59	--	24	--	24	--	16	--	193	193	
Urinary tract cancer	55.1	37.5	--	--	7	5	59	14	253	79	335	113	482	164	366	144	1,502	520	2,022	
Renal cell carcinoma	26.0	7.0	--	--	2	1	16	2	54	11	58	11	68	12	41	8	239	44	283	
Bladder cancer	67.8	51.9	--	--	1	0	17	5	115	29	215	64	414	112	388	128	1,150	338	1,488	
Acute myeloid leukemia	21.4	17.8	--	--	10	13	29	21	59	40	43	32	30	16	9	10	179	133	312	
TOTAL	51.3	39.3	--	--	25	35	213	198	1,470	939	2,201	1,222	2,852	1,405	1,439	736	8,201	4,536	12,737	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	26	38	87	85	256	167	165	151	179	131	53	91	765	663	1,429	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2
TOTAL	100.0	100.0	--	--	26	38	88	87	256	167	165	151	179	131	53	91	766	665	1,430	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.0	44.5	--	--	25	8	782	255	--	--	--	--	--	--	--	--	807	264	1,070	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	4,794	1,467	--	--	--	--	--	--	4,794	1,467	6,261	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	4,163	1,700	--	--	--	--	4,163	1,700	5,863	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	2,099	1,086	--	--	2,099	1,086	3,185	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	1,298	980	1,298	980	2,278	
Pulmonary circulatory disease	80.9	75.8	--	--	87	92	237	273	634	565	699	645	1,018	1,083	653	1,028	3,330	3,686	7,016	
Cardiac arrhythmias																				
Age < 45 yrs	41.5	34.3	--	--	111	63	257	161	--	--	--	--	--	--	--	--	368	224	592	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1,202	509	--	--	--	--	--	--	1,202	509	1,710	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	1,431	655	--	--	--	--	1,431	655	2,086	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	982	589	--	--	982	589	1,570	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	774	682	774	682	1,456	
Heart Failure																				
Age < 45 yrs	39.3	30.1	--	--	70	44	201	147	--	--	--	--	--	--	--	--	271	191	462	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	996	539	--	--	--	--	--	--	996	539	1,535	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	1,262	727	--	--	--	--	1,262	727	1,989	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	900	608	--	--	900	608	1,508	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	889	823	889	823	1,712	

Table D-HC-S-19. Continued

CONDITION	SAF%		Number of hospital days														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Cerebrovascular diseases*																			
Age < 65 yrs	39.0	35.3	--	--	67	74	211	248	968	652	567	314	--	--	--	--	1,812	1,288	3,100
>= 65 yrs	14.6	10.3	--	--	--	--	--	--	--	--	428	251	1,062	762	841	904	2,330	1,917	4,247
Atherosclerosis	33.1	36.3	--	--	31	25	87	120	648	416	1,092	650	1,655	1,242	885	791	4,397	3,243	7,640
TOTAL	22.1	15.4	--	--	391	307	1,774	1,204	9,241	4,148	9,642	4,941	7,716	5,370	5,339	5,208	34,103	21,178	55,281
RESPIRATORY DISEASES																			
Pneumonia/ Influenza	19.2	13.8	--	--	129	80	291	200	622	422	806	448	1,380	764	1,478	1,054	4,706	2,968	7,674
Chronic obstructive pulmonary disease	82.8	76.5	--	--	35	19	62	72	192	129	260	212	418	306	324	375	1,291	1,113	2,404
TOTAL	22.9	17.8	--	--	164	99	353	272	814	551	1,066	660	1,798	1,070	1,802	1,429	5,997	4,081	10,078
INTESTINAL DISEASE																			
Peptic ulcer	48.4	38.0	--	--	20	16	105	58	279	170	345	202	610	365	467	457	1,826	1,269	3,095
TOTAL (Uicers)	48.4	38.0	--	--	20	16	105	58	279	170	345	202	610	365	467	457	1,826	1,269	3,095
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birthweight and short gestation	24.7	20.6	2,257	1,604	--	--	--	--	--	--	--	--	--	--	--	--	2,257	1,604	3,862
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
TOTAL	24.7	20.6	2,258	1,605	--	--	--	--	--	--	--	--	--	--	--	--	2,258	1,605	3,862
INJURY																			
TOTAL (Fire Injury)	24.6	24.6	--	--	16	2	12	7	14	7	6	3	11	6	3	4	61	29	90
TOTAL ACTIVE SMOKERS	25.3	18.1	2,258	1,605	644	497	2,545	1,826	12,074	5,983	13,424	7,180	13,164	8,346	9,102	7,925	53,211	33,362	86,573
PASSIVE SMOKERS																			
Lung cancer	1.5	1.4	--	--	0	0	1	1	16	15	28	20	32	20	10	9	86	66	152
Ischaemic heart disease	1.7	1.4	--	--	2	1	27	9	256	79	296	129	346	215	163	204	1,089	637	1,726
TOTAL PASSIVE SMOKERS	1.7	1.4	--	--	2	1	28	10	272	94	324	149	378	235	173	213	1,176	702	1,878
OVERALL			2,258	1,605	646	498	2,573	1,836	12,345	6,077	13,748	7,329	13,542	8,582	9,275	8,138	54,387	34,064	88,451

* hospital days in the 60-69 yrs age category were apporti

Table D-HC-S-20. Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in Ontario, 2002

CONDITION	SAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.2	50.4	--	--	29	26	324	175	1,685	648	1,408	543	1,030	538	314	276	4,790	2,205	6,995	
Oesophageal cancer	48.5	39.0	--	--	7	0	57	9	821	184	1,008	274	1,101	412	470	270	3,463	1,150	4,614	
Stomach cancer	16.3	12.3	--	--	5	13	70	55	321	161	415	147	495	242	326	166	1,631	783	2,414	
Pancreatic cancer	17.4	13.3	--	--	1	11	50	41	358	301	373	326	455	395	235	274	1,473	1,347	2,820	
Laryngeal cancer	67.5	59.6	--	--	0	3	94	7	573	133	996	196	854	283	400	72	2,917	693	3,611	
Trachea, bronchus and lung cancers	88.5	62.8	--	--	28	12	546	629	6,742	5,460	12,360	8,056	17,297	9,019	7,928	4,065	44,901	27,241	72,142	
Cervical cancer	--	35.6	--	--	--	71	--	480	--	458	--	185	--	186	--	127	--	1,506	1,506	
Urinary tract cancer	55.1	37.5	--	--	63	48	525	127	2,252	706	2,983	1,003	4,293	1,457	3,254	1,284	13,371	4,625	17,995	
Renal cell carcinoma	26.0	7.0	--	--	19	7	136	18	462	91	501	96	582	104	348	65	2,048	381	2,430	
Bladder cancer	67.8	51.9	--	--	12	1	150	43	1,043	262	1,952	582	3,753	1,017	3,518	1,158	10,427	3,063	13,491	
Acute myeloid leukemia	21.4	17.8	--	--	102	132	281	211	581	396	419	314	293	160	84	94	1,759	1,308	3,067	
TOTAL	51.3	39.3	--	--	234	315	1,948	1,734	13,332	8,447	19,962	11,044	25,819	12,691	13,011	6,627	74,305	40,859	115,164	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	181	264	602	588	1,768	1,151	1,136	1,043	1,233	902	363	628	5,282	4,578	9,860	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	
TOTAL	100.0	100.0	--	--	181	264	602	589	1,768	1,151	1,136	1,043	1,233	902	363	628	5,283	4,579	9,861	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.0	44.5	--	--	228	76	7,121	2,325	--	--	--	--	--	--	--	--	7,349	2,401	9,750	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	43,674	13,370	--	--	--	--	--	--	43,674	13,370	57,044	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	37,928	15,489	--	--	--	--	37,928	15,489	53,417	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	19,125	9,894	--	--	19,125	9,894	29,019	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	11,821	8,931	11,821	8,931	20,752	
Pulmonary circulatory disease	80.9	75.8	--	--	737	775	1,997	2,301	5,348	4,767	5,896	5,434	8,586	9,133	5,506	8,670	28,071	31,079	59,150	
Cardiac arrhythmias																				
Age < 45 yrs	41.5	34.3	--	--	984	558	2,268	1,423	--	--	--	--	--	--	--	--	3,252	1,981	5,233	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	10,622	4,495	--	--	--	--	--	--	10,622	4,495	15,117	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	12,652	5,790	--	--	--	--	12,652	5,790	18,442	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	8,678	5,202	--	--	8,678	5,202	13,880	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	6,838	6,028	6,838	6,028	12,866	
Heart Failure																				
Age < 45 yrs	39.3	30.1	--	--	628	396	1,802	1,318	--	--	--	--	--	--	--	--	2,430	1,714	4,144	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	8,927	4,826	--	--	--	--	--	--	8,927	4,826	13,753	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	11,303	6,514	--	--	--	--	11,303	6,514	17,817	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	8,060	5,451	--	--	8,060	5,451	13,510	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	7,969	7,371	7,969	7,371	15,340	

Table D-HC-S-20. Continued

CONDITION	SAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebrovascular diseases*																				
Age < 65 yrs	39.0	35.3	--	--	563	626	1,779	2,093	8,162	5,500	4,780	2,648	--	--	--	--	--	15,285	10,866	26,151
>= 65 yrs	14.6	10.3	--	--	--	--	--	--	--	--	3,608	2,116	8,959	6,429	7,093	7,625	--	19,659	16,170	35,829
Atherosclerosis	33.1	36.3	--	--	262	214	738	1,022	5,518	3,543	9,302	5,533	14,093	10,576	7,535	6,733	--	37,448	27,621	65,070
TOTAL	22.1	15.4	--	--	3,402	2,644	15,705	10,482	82,251	36,500	85,470	43,524	67,502	46,685	46,761	45,358	--	301,091	185,193	486,284
RESPIRATORY DISEASES																				
Pneumonia/ Influenza	19.2	13.8	--	--	1,199	739	2,703	1,861	5,771	3,915	7,483	4,160	12,809	7,092	13,722	9,789	--	43,687	27,555	71,242
Chronic obstructive pulmonary disease	82.8	76.5	--	--	304	166	535	620	1,668	1,121	2,257	1,841	3,623	2,652	2,806	3,248	--	11,193	9,650	20,843
TOTAL	22.9	17.8	--	--	1,504	905	3,237	2,481	7,439	5,036	9,739	6,001	16,432	9,744	16,528	13,037	--	54,880	37,205	92,085
INTESTINAL DISEASE																				
TOTAL (Ulcers)	48.4	38.0	--	--	164	132	849	467	2,245	1,371	2,778	1,628	4,915	2,940	3,762	3,682	--	14,713	10,221	24,934
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	21,294	15,135	--	--	--	--	--	--	--	--	--	--	--	--	--	21,294	15,135	36,429
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
TOTAL	24.7	20.6	21,294	15,135	--	--	--	--	--	--	--	--	--	--	--	--	--	21,294	15,135	36,429
INJURY																				
TOTAL (Fire Injury)	25.5	25.9	--	--	118	14	88	52	99	53	41	24	78	41	21	31	--	445	215	660
TOTAL (Fire Injury)	24.6	24.6	--	--	118	14	88	52	99	53	41	24	78	41	21	31	--	445	215	660
TOTAL ACTIVE SMOKERS	25.3	18.1	21,294	15,135	5,604	4,275	22,430	15,806	107,134	52,558	119,125	63,265	115,978	73,003	80,446	69,364	--	472,011	293,406	765,416
PASSIVE SMOKERS																				
Lung cancer	1.5	1.4	--	--	1	1	10	13	147	134	249	184	286	185	89	78	--	783	595	1,377
Ischaemic heart disease	1.7	1.4	--	--	20	7	242	78	2,329	724	2,699	1,173	3,153	1,957	1,484	1,863	--	9,926	5,801	15,727
TOTAL PASSIVE SMOKERS	1.7	1.4	--	--	21	7	252	91	2,476	858	2,948	1,357	3,439	2,142	1,573	1,940	--	10,708	6,395	17,104
OVERALL			21,294	15,135	5,625	4,283	22,681	15,896	109,610	53,417	122,074	64,621	119,417	75,145	82,019	71,304	--	482,719	299,801	782,520

* hospital days in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-21. Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in Quebec, 2002

CONDITION	SAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.2	50.4	--	--	21	19	235	127	1,222	470	1,021	394	747	390	228	200	3,474	1,600	5,073	
Oesophageal cancer	48.5	39.0	--	--	5	0	40	6	575	129	706	192	772	289	329	189	2,427	806	3,233	
Stomach cancer	16.3	12.3	--	--	3	9	47	37	218	109	282	100	336	165	221	113	1,108	532	1,640	
Pancreatic cancer	17.4	13.3	--	--	1	8	37	31	265	223	276	241	337	292	174	203	1,091	997	2,088	
Laryngeal cancer	67.5	59.6	--	--	0	2	64	5	389	90	676	133	579	192	272	49	1,979	470	2,450	
Trachea, bronchus and lung cancers	88.5	62.8	--	--	20	9	390	450	4,815	3,899	8,827	5,753	12,353	6,441	5,662	2,903	32,067	19,455	51,522	
Cervical cancer	--	35.6	--	--	--	58	--	397	--	378	--	153	--	154	--	105	--	1,245	1,245	
Urinary tract cancer	55.1	37.5	--	--	46	35	382	93	1,635	513	2,166	728	3,118	1,058	2,363	932	9,710	3,358	13,068	
Renal cell carcinoma	26.0	7.0	--	--	15	6	102	13	348	69	378	72	439	78	262	49	1,544	288	1,832	
Bladder cancer	67.8	51.9	--	--	9	0	107	31	744	187	1,392	415	2,676	725	2,508	826	7,435	2,184	9,619	
Acute myeloid leukemia	21.4	17.8	--	--	67	87	185	139	382	260	275	207	193	105	55	62	1,157	860	2,017	
TOTAL	51.3	39.3	--	--	162	226	1,380	1,283	9,501	6,072	14,230	7,901	18,435	9,085	9,304	4,756	53,013	29,323	82,336	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	170	247	564	551	1,656	1,079	1,064	977	1,155	845	340	589	4,948	4,288	9,236	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	2	8	0	0	0	0	0	0	0	0	2	8	11	
TOTAL	100.0	100.0	--	--	170	247	566	559	1,656	1,079	1,064	977	1,155	845	340	589	4,951	4,296	9,247	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.0	44.5	--	--	162	54	5,053	1,649	--	--	--	--	--	--	--	--	5,214	1,704	6,918	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	30,989	9,486	--	--	--	--	--	--	30,989	9,486	40,475	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	26,912	10,990	--	--	--	--	26,912	10,990	37,902	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	13,570	7,020	--	--	13,570	7,020	20,591	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	8,388	6,337	8,388	6,337	14,724	
Pulmonary circulatory disease	80.9	75.8	--	--	565	594	1,531	1,765	4,101	3,655	4,521	4,166	6,584	7,003	4,222	6,648	21,524	23,831	45,355	
Cardiac arrhythmias																				
Age < 45 yrs	41.5	34.3	--	--	720	408	1,659	1,040	--	--	--	--	--	--	--	--	2,378	1,449	3,827	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	7,769	3,287	--	--	--	--	--	--	7,769	3,287	11,056	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	9,253	4,235	--	--	--	--	9,253	4,235	13,488	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	6,347	3,804	--	--	6,347	3,804	10,151	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	5,001	4,409	5,001	4,409	9,409	
Heart Failure																				
Age < 45 yrs	39.3	30.1	--	--	453	285	1,300	951	--	--	--	--	--	--	--	--	1,753	1,237	2,990	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	6,441	3,482	--	--	--	--	--	--	6,441	3,482	9,923	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	8,155	4,700	--	--	--	--	8,155	4,700	12,855	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	5,815	3,932	--	--	5,815	3,932	9,748	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	5,749	5,318	5,749	5,318	11,068	

Table D-HC-S-21. Continued

CONDITION	SAF%		Number of hospital days																TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F							
Cerebrovascular diseases*																					
Age < 65 yrs	39.0	35.3	--	--	431	479	1,363	1,604	6,255	4,214	3,663	2,029	--	--	--	--			11,712	8,326	20,038
>= 65 yrs	14.6	10.3	--	--	--	--	--	--	--	--	2,765	1,621	6,865	4,926	5,435	5,843			15,064	12,391	27,455
Atherosclerosis	33.1	36.3	--	--	199	163	560	776	4,188	2,689	7,060	4,200	10,696	8,027	5,719	5,111			28,423	20,964	49,387
TOTAL	22.1	15.4	--	--	2,530	1,984	11,466	7,785	59,741	26,814	62,329	31,941	49,877	34,713	34,513	33,665			220,456	136,902	357,358
RESPIRATORY DISEASES																					
Pneumonia/ Influenza	19.2	13.8	--	--	835	514	1,882	1,296	4,019	2,726	5,210	2,897	8,919	4,938	9,555	6,816			30,419	19,187	49,606
Chronic obstructive pulmonary disease	82.8	76.5	--	--	227	124	399	462	1,244	836	1,683	1,373	2,701	1,977	2,092	2,422			8,345	7,195	15,540
TOTAL	22.9	17.8	--	--	1,062	638	2,280	1,758	5,262	3,562	6,893	4,270	11,620	6,916	11,647	9,238			38,765	26,382	65,146
INTESTINAL DISEASE																					
TOTAL (Ulcers)	48.4	38.0	--	--	132	106	681	375	1,802	1,100	2,229	1,307	3,944	2,360	3,019	2,955			11,807	8,203	20,009
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birthweight and short gestation	24.7	20.6	14,593	10,372	--	--	--	--	--	--	--	--	--	--	--	--			14,593	10,372	24,965
Sudden infant death syndrome	31.2	26.5	2	0	--	--	--	--	--	--	--	--	--	--	--	--			2	0	2
TOTAL	24.7	20.6	14,594	10,372	--	--	--	--	--	--	--	--	--	--	--	--			14,594	10,372	24,966
INJURY																					
TOTAL (Fire Injury)	24.6	24.6	--	--	104	13	78	46	88	47	36	21	69	36	19	28			394	190	584
TOTAL ACTIVE SMOKERS	25.3	18.1	14,594	10,372	4,161	3,214	16,452	11,806	78,049	38,674	86,781	46,417	85,100	53,955	58,842	51,229			343,979	215,667	559,646
PASSIVE SMOKERS																					
Lung cancer	1.5	1.4	--	--	1	0	7	9	105	96	178	131	204	132	64	55			559	425	984
Ischaemic heart disease	1.7	1.4	--	--	14	5	172	55	1,652	514	1,915	832	2,237	1,389	1,053	1,322			7,043	4,116	11,159
TOTAL PASSIVE SMOKERS	1.7	1.4	--	--	15	5	179	64	1,757	610	2,093	963	2,441	1,521	1,117	1,377			7,602	4,540	12,142
OVERALL			14,594	10,372	4,176	3,219	16,631	11,871	79,806	39,283	88,874	47,380	87,542	55,476	59,959	52,606			351,581	220,208	571,789

* hospital days in the 60-69 yrs age category were apporti

Table D-HC-S-22. Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in New Brunswick, 2002

CONDITION	SAF%		Number of hospital days														TOTAL	OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M
ACTIVE SMOKERS																			
MALIGNANT NEOPLASMS																			
Oropharyngeal cancer	58.2	50.4	--	--	2	2	24	13	123	47	103	40	75	39	23	20	350	161	511
Oesophageal cancer	48.5	39.0	--	--	0	0	4	1	58	13	71	19	78	29	33	19	245	81	326
Stomach cancer	16.3	12.3	--	--	0	1	5	4	22	11	28	10	34	17	22	11	112	54	165
Pancreatic cancer	17.4	13.3	--	--	0	1	4	3	27	22	28	24	34	29	18	20	110	101	210
Laryngeal cancer	67.5	59.6	--	--	0	0	6	0	39	9	68	13	58	19	27	5	200	47	247
Trachea, bronchus and lung cancers	88.5	62.8	--	--	2	1	39	45	485	393	890	580	1,245	649	571	293	3,232	1,961	5,193
Cervical cancer	--	35.6	--	--	--	6	--	40	--	38	--	15	--	15	--	11	--	125	125
Urinary tract cancer	55.1	37.5	--	--	5	3	38	9	165	52	218	73	314	107	238	94	979	339	1,317
Renal cell carcinoma	26.0	7.0	--	--	1	1	10	1	35	7	38	7	44	8	26	5	156	29	185
Bladder cancer	67.8	51.9	--	--	1	0	11	3	75	19	140	42	270	73	253	83	749	220	970
Acute myeloid leukemia	21.4	17.8	--	--	7	9	19	14	38	26	28	21	19	11	6	6	117	87	203
TOTAL	51.3	39.3	--	--	16	23	139	129	958	612	1,434	796	1,858	916	938	479	5,343	2,956	8,299
TOBACCO ABUSE																			
Tobacco abuse	100.0	100.0	--	--	17	25	57	56	167	109	107	98	116	85	34	59	499	432	931
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
TOTAL	100.0	100.0	--	--	17	25	57	56	167	109	107	98	116	85	34	59	499	433	932
CARDIOVASCULAR DISEASES																			
Ischaemic heart disease																			
Age < 45 yrs	51.0	44.5	--	--	16	5	509	166	--	--	--	--	--	--	--	--	526	172	697
45-59 yrs	42.2	37.3	--	--	--	--	--	--	3,123	956	--	--	--	--	--	--	3,123	956	4,080
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	2,713	1,108	--	--	--	--	2,713	1,108	3,820
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	1,368	708	--	--	1,368	708	2,075
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	845	639	845	639	1,484
Pulmonary circulatory disease	80.9	75.8	--	--	57	60	154	178	413	368	456	420	664	706	426	670	2,169	2,402	4,572
Cardiac arrhythmias																			
Age < 45 yrs	41.5	34.3	--	--	73	41	167	105	--	--	--	--	--	--	--	--	240	146	386
45-59 yrs	42.2	37.3	--	--	--	--	--	--	783	331	--	--	--	--	--	--	783	331	1,114
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	933	427	--	--	--	--	933	427	1,360
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	640	383	--	--	640	383	1,023
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	504	444	504	444	948
Heart Failure																			
Age < 45 yrs	39.3	30.1	--	--	46	29	131	96	--	--	--	--	--	--	--	--	177	125	301
45-59 yrs	42.2	37.3	--	--	--	--	--	--	649	351	--	--	--	--	--	--	649	351	1,000
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	822	474	--	--	--	--	822	474	1,296
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	586	396	--	--	586	396	983
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	579	536	579	536	1,116

Table D-HC-S-22. Continued

CONDITION	SAF%		Number of hospital days														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Cerebrovascular diseases*																			
Age < 65 yrs	39.0	35.3	--	--	43	48	137	162	630	425	369	204	--	--	--	--	1,181	839	2,020
>= 65 yrs	14.6	10.3	--	--	--	--	--	--	--	--	279	163	692	497	548	589	1,518	1,249	2,767
Atherosclerosis	33.1	36.3	--	--	20	16	56	78	422	271	712	423	1,078	809	576	515	2,865	2,113	4,978
TOTAL	22.1	15.4	--	--	255	200	1,156	785	6,022	2,703	6,282	3,219	5,027	3,499	3,479	3,393	22,221	13,799	36,020
RESPIRATORY DISEASES																			
Pneumonia/ Influenza	19.2	13.8	--	--	84	52	190	131	405	275	525	292	899	498	963	687	3,066	1,934	5,000
Chronic obstructive pulmonary disease	82.8	76.5	--	--	23	13	40	47	125	84	170	138	272	199	211	244	841	725	1,566
TOTAL	22.9	17.8	--	--	107	64	230	177	530	359	695	430	1,171	697	1,174	931	3,907	2,659	6,566
INTESTINAL DISEASE																			
TOTAL (Ulcers)	48.4	38.0	--	--	13	11	69	38	182	111	225	132	398	238	304	298	1,190	827	2,017
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birthweight and short gestation	24.7	20.6	1,471	1,045	--	--	--	--	--	--	--	--	--	--	--	--	1,471	1,045	2,516
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
TOTAL	24.7	20.6	1,471	1,045	--	--	--	--	--	--	--	--	--	--	--	--	1,471	1,045	2,516
INJURY																			
TOTAL (Fire Injury)	24.6	24.6	--	--	10	1	8	5	9	5	4	2	7	4	2	3	40	19	59
TOTAL ACTIVE SMOKERS	25.3	18.1	1,471	1,045	419	324	1,658	1,190	7,867	3,898	8,747	4,679	8,578	5,438	5,931	5,164	34,671	21,738	56,409
PASSIVE SMOKERS																			
Lung cancer	1.5	1.4	--	--	0	0	1	1	11	10	18	13	21	13	6	6	56	43	99
Ischaemic heart disease	1.7	1.4	--	--	1	0	17	6	167	52	193	84	225	140	106	133	710	415	1,125
TOTAL PASSIVE SMOKERS	1.7	1.4	--	--	1	1	18	6	177	61	211	97	246	153	113	139	766	458	1,224
OVERALL			1,471	1,045	421	325	1,676	1,196	8,044	3,960	8,958	4,776	8,824	5,592	6,044	5,302	35,438	22,196	57,633

* hospital days in the 60-69 yrs age category were apporti

Table D-HC-S-23. Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in Nova Scotia, 2002

CONDITION	SAF%		Number of hospital days														TOTAL	OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M
ACTIVE SMOKERS																			
MALIGNANT NEOPLASMS																			
Oropharyngeal cancer	58.2	50.4	--	--	4	3	43	23	222	85	185	71	135	71	41	36	630	290	920
Oesophageal cancer	48.5	39.0	--	--	1	0	7	1	96	22	118	32	129	48	55	32	407	135	542
Stomach cancer	16.3	12.3	--	--	0	1	6	5	29	14	37	13	44	22	29	15	146	70	216
Pancreatic cancer	17.4	13.3	--	--	0	1	5	4	35	30	37	32	45	39	23	27	146	133	279
Laryngeal cancer	67.5	59.6	--	--	0	0	14	1	88	20	153	30	131	44	62	11	449	107	556
Trachea, bronchus and lung cancers	88.5	62.8	--	--	4	2	70	81	867	702	1,590	1,036	2,225	1,160	1,020	523	5,775	3,503	9,278
Cervical cancer	--	35.6	--	--	--	13	--	85	--	81	--	33	--	33	--	23	--	268	268
Urinary tract cancer	55.1	37.5	--	--	8	6	68	16	289	91	383	129	552	187	418	165	1,718	594	2,312
Renal cell carcinoma	26.0	7.0	--	--	3	1	19	2	64	13	69	13	80	14	48	9	282	53	335
Bladder cancer	67.8	51.9	--	--	1	0	19	5	130	33	243	72	467	127	438	144	1,299	381	1,680
Acute myeloid leukemia	21.4	17.8	--	--	10	12	27	20	55	37	40	30	28	15	8	9	167	124	290
TOTAL	51.3	39.3	--	--	26	39	239	237	1,682	1,083	2,543	1,407	3,289	1,619	1,656	840	9,437	5,224	14,661
TOBACCO ABUSE																			
Tobacco abuse	100.0	100.0	--	--	12	17	39	38	113	74	73	67	79	58	23	40	339	294	633
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	100.0	100.0	--	--	12	17	39	38	113	74	73	67	79	58	23	40	339	294	633
CARDIOVASCULAR DISEASES																			
Ischaemic heart disease																			
Age < 45 yrs	51.0	44.5	--	--	24	8	754	246	--	--	--	--	--	--	--	--	778	254	1,033
45-59 yrs	42.2	37.3	--	--	--	--	--	--	4,625	1,416	--	--	--	--	--	--	4,625	1,416	6,041
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	4,017	1,640	--	--	--	--	4,017	1,640	5,657
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	2,026	1,048	--	--	2,026	1,048	3,073
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	1,252	946	1,252	946	2,198
Pulmonary circulatory disease	80.9	75.8	--	--	75	79	204	235	546	487	602	555	877	933	562	885	2,867	3,174	6,041
Cardiac arrhythmias																			
Age < 45 yrs	41.5	34.3	--	--	101	57	233	146	--	--	--	--	--	--	--	--	335	204	539
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1,093	463	--	--	--	--	--	--	1,093	463	1,556
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	1,302	596	--	--	--	--	1,302	596	1,898
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	893	535	--	--	893	535	1,429
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	704	620	704	620	1,324
Heart Failure																			
Age < 45 yrs	39.3	30.1	--	--	62	39	178	130	--	--	--	--	--	--	--	--	240	170	410
45-59 yrs	42.2	37.3	--	--	--	--	--	--	883	477	--	--	--	--	--	--	883	477	1,361
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	1,118	644	--	--	--	--	1,118	644	1,763
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	797	539	--	--	797	539	1,337
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	788	729	788	729	1,518

Table D-HC-S-23. Continued

CONDITION	SAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebrovascular diseases*																				
Age < 65 yrs	39.0	35.3	--	--	58	65	185	217	847	571	496	275	--	--	--	--	1,586	1,128	2,714	
>= 65 yrs	14.6	10.3	--	--	--	--	--	--	--	--	374	220	930	667	736	791	2,040	1,678	3,719	
Atherosclerosis	33.1	36.3	--	--	32	27	91	126	683	438	1,151	685	1,744	1,309	932	833	4,634	3,418	8,053	
TOTAL	22.1	15.4	--	--	354	275	1,646	1,102	8,678	3,852	9,061	4,615	7,267	5,031	4,975	4,806	31,981	19,681	51,661	
RESPIRATORY DISEASES																				
Pneumonia/ Influenza	19.2	13.8	--	--	131	81	295	203	631	428	818	455	1,400	775	1,500	1,070	4,776	3,012	7,788	
Chronic obstructive pulmonary disease	82.8	76.5	--	--	32	17	56	65	174	117	235	192	377	276	292	338	1,165	1,004	2,169	
TOTAL	22.9	17.8	--	--	163	98	351	268	804	545	1,053	646	1,777	1,051	1,792	1,408	5,940	4,016	9,957	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	48.4	38.0	--	--	15	12	79	44	210	128	259	152	459	275	351	344	1,374	955	2,329	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	2,451	1,742	--	--	--	--	--	--	--	--	--	--	--	--	2,451	1,742	4,194	
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
TOTAL	24.7	20.6	2,451	1,742	--	--	--	--	--	--	--	--	--	--	--	--	2,451	1,742	4,194	
INJURY																				
TOTAL (Fire Injury)	24.6	24.6	--	--	19	2	14	8	16	9	7	4	13	7	3	5	73	35	108	
TOTAL ACTIVE SMOKERS	25.3	18.1	2,451	1,742	589	444	2,369	1,697	11,503	5,691	12,997	6,891	12,884	8,040	8,801	7,443	51,595	31,948	83,543	
PASSIVE SMOKERS																				
Lung cancer	1.5	1.4	--	--	0	0	1	2	19	17	32	24	37	24	11	10	101	76	177	
Ischaemic heart disease	1.7	1.4	--	--	2	1	26	8	247	77	286	124	334	207	157	197	1,051	614	1,666	
TOTAL PASSIVE SMOKERS	1.7	1.4	--	--	2	1	27	10	266	94	318	148	371	231	169	207	1,152	691	1,843	
OVERALL			2,451	1,742	591	445	2,396	1,707	11,769	5,785	13,314	7,039	13,255	8,271	8,970	7,650	52,747	32,639	85,385	

* hospital days in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-24. Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in Prince Edward Island, 2002

CONDITION	SAF%		Number of hospital days														TOTAL	OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M
ACTIVE SMOKERS																			
MALIGNANT NEOPLASMS																			
Oropharyngeal cancer	58.2	50.4	--	--	0	0	4	2	18	7	15	6	11	6	3	3	52	24	76
Oesophageal cancer	48.5	39.0	--	--	0	0	1	0	20	4	24	7	27	10	11	7	84	28	112
Stomach cancer	16.3	12.3	--	--	0	0	1	1	6	3	8	3	9	4	6	3	30	14	44
Pancreatic cancer	17.4	13.3	--	--	0	0	1	1	9	8	10	8	12	10	6	7	38	35	73
Laryngeal cancer	67.5	59.6	--	--	0	0	1	0	7	2	12	2	10	3	5	1	35	8	44
Trachea, bronchus and lung cancers	88.5	62.8	--	--	1	0	15	17	180	145	329	215	461	240	211	108	1,196	725	1,921
Cervical cancer	--	35.6	--	--	--	0	--	3	--	3	--	1	--	1	--	1	--	9	9
Urinary tract cancer	55.1	37.5	--	--	2	1	13	3	54	17	72	24	103	35	78	31	322	111	433
Renal cell carcinoma	26.0	7.0	--	--	1	0	4	1	14	3	15	3	18	3	10	2	62	11	73
Bladder cancer	67.8	51.9	--	--	0	0	3	1	23	6	43	13	82	22	77	25	229	67	296
Acute myeloid leukemia	21.4	17.8	--	--	0	1	1	1	3	2	2	1	1	1	0	0	8	6	14
TOTAL	51.3	39.3	--	--	3	3	37	28	297	191	472	267	634	311	322	161	1,765	961	2,727
TOBACCO ABUSE																			
Tobacco abuse	100.0	100.0	--	--	1	2	5	5	14	9	9	8	10	7	3	5	42	37	79
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	100.0	100.0	--	--	1	2	5	5	14	9	9	8	10	7	3	5	42	37	79
CARDIOVASCULAR DISEASES																			
Ischaemic heart disease																			
Age < 45 yrs	51.0	44.5	--	--	4	1	126	41	--	--	--	--	--	--	--	--	130	42	172
45-59 yrs	42.2	37.3	--	--	--	--	--	--	771	236	--	--	--	--	--	--	771	236	1,007
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	670	273	--	--	--	--	670	273	943
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	338	175	--	--	338	175	512
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	209	158	209	158	366
Pulmonary circulatory disease	80.9	75.8	--	--	10	11	28	32	75	67	82	76	120	128	77	121	393	435	827
Cardiac arrhythmias																			
Age < 45 yrs	41.5	34.3	--	--	13	8	31	19	--	--	--	--	--	--	--	--	44	27	71
45-59 yrs	42.2	37.3	--	--	--	--	--	--	145	61	--	--	--	--	--	--	145	61	207
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	173	79	--	--	--	--	173	79	252
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	119	71	--	--	119	71	190
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	93	82	93	82	176
Heart Failure																			
Age < 45 yrs	39.3	30.1	--	--	12	8	34	25	--	--	--	--	--	--	--	--	46	33	79
45-59 yrs	42.2	37.3	--	--	--	--	--	--	170	92	--	--	--	--	--	--	170	92	262
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	215	124	--	--	--	--	215	124	339
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	154	104	--	--	154	104	257
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	152	140	152	140	292

Table D-HC-S-24. Continued

CONDITION	SAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebrovascular diseases*																				
Age < 65 yrs	39.0	35.3	--	--	16	17	50	58	228	154	134	74	--	--	--	--	427	304	731	
>= 65 yrs	14.6	10.3	--	--	--	--	--	--	--	--	101	59	250	180	198	213	549	452	1,001	
Atherosclerosis	33.1	36.3	--	--	5	4	14	20	105	68	178	106	269	202	144	129	715	527	1,242	
TOTAL	22.1	15.4	--	--	60	49	283	196	1,494	677	1,552	791	1,249	859	873	843	5,512	3,416	8,927	
RESPIRATORY DISEASES																				
Pneumonia/ Influenza	19.2	13.8	--	--	25	16	57	39	121	82	157	88	270	149	289	206	919	580	1,499	
Chronic obstructive pulmonary disease	82.8	76.5	--	--	8	4	14	17	44	30	60	49	97	71	75	87	298	257	555	
TOTAL	22.9	17.8	--	--	33	20	71	56	166	112	218	137	366	220	364	293	1,218	837	2,055	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	48.4	38.0	--	--	2	1	10	5	25	15	31	18	55	33	42	41	166	115	281	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	178	126	--	--	--	--	--	--	--	--	--	--	--	--	178	126	304	
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
TOTAL	24.7	20.6	178	126	--	--	--	--	--	--	--	--	--	--	--	--	178	126	304	
INJURY																				
TOTAL (Fire Injury)	24.6	24.6	--	--	2	0	2	1	2	1	1	0	1	1	0	1	8	4	12	
TOTAL ACTIVE SMOKERS	25.3	18.1	178	126	103	76	407	290	1,998	1,006	2,283	1,222	2,316	1,431	1,604	1,344	8,888	5,496	14,384	
PASSIVE SMOKERS																				
Lung cancer	1.5	1.4	--	--	0	0	0	0	4	4	7	5	8	5	2	2	21	16	37	
Ischaemic heart disease	1.7	1.4	--	--	0	0	4	1	41	13	48	21	56	35	26	33	175	102	278	
TOTAL PASSIVE SMOKERS	1.7	1.4	--	--	0	0	5	2	45	16	54	26	63	39	29	35	196	118	314	
OVERALL			178	126	103	76	411	292	2,043	1,022	2,337	1,248	2,380	1,470	1,632	1,379	9,084	5,614	14,698	

* hospital days in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-25. Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in Newfoundland, 2002

CONDITION	SAF%		Number of hospital days														TOTAL	OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M
ACTIVE SMOKERS																			
MALIGNANT NEOPLASMS																			
Oropharyngeal cancer	58.2	50.4	--	--	2	2	25	13	130	50	109	42	79	41	24	21	369	170	539
Oesophageal cancer	48.5	39.0	--	--	0	0	4	1	56	13	69	19	75	28	32	18	236	78	314
Stomach cancer	16.3	12.3	--	--	0	1	6	5	27	13	34	12	41	20	27	14	135	65	200
Pancreatic cancer	17.4	13.3	--	--	0	1	3	2	20	17	21	18	26	22	13	15	83	76	159
Laryngeal cancer	67.5	59.6	--	--	0	0	7	0	41	10	72	14	62	20	29	5	211	50	261
Trachea, bronchus and lung cancers	88.5	62.8	--	--	2	1	34	39	420	340	769	501	1,077	561	493	253	2,795	1,695	4,490
Cervical cancer	--	35.6	--	--	--	7	--	48	--	46	--	18	--	19	--	13	--	150	150
Urinary tract cancer	55.1	37.5	--	--	5	4	39	9	167	52	222	75	319	108	242	95	994	344	1,337
Renal cell carcinoma	26.0	7.0	--	--	2	1	12	2	41	8	45	9	52	9	31	6	183	34	217
Bladder cancer	67.8	51.9	--	--	1	0	10	3	72	18	134	40	258	70	242	80	717	210	927
Acute myeloid leukemia	21.4	17.8	--	--	4	6	12	9	25	17	18	13	13	7	4	4	75	56	131
TOTAL	51.3	39.3	--	--	14	21	129	127	886	557	1,313	713	1,691	827	864	439	4,897	2,685	7,582
TOBACCO ABUSE																			
Tobacco abuse	100.0	100.0	--	--	0	0	1	1	2	1	1	1	1	1	0	1	5	5	10
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	100.0	100.0	--	--	0	0	1	1	2	1	1	1	1	1	0	1	5	5	10
CARDIOVASCULAR DISEASES																			
Ischaemic heart disease																			
Age < 45 yrs	51.0	44.5	--	--	16	5	494	161	--	--	--	--	--	--	--	--	510	167	676
45-59 yrs	42.2	37.3	--	--	--	--	--	--	3,030	928	--	--	--	--	--	--	3,030	928	3,958
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	2,631	1,075	--	--	--	--	2,631	1,075	3,706
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	1,327	686	--	--	1,327	686	2,013
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	820	620	820	620	1,440
Pulmonary circulatory disease	80.9	75.8	--	--	30	32	81	94	218	195	241	222	350	373	225	354	1,145	1,268	2,414
Cardiac arrhythmias																			
Age < 45 yrs	41.5	34.3	--	--	52	30	120	76	--	--	--	--	--	--	--	--	173	105	278
45-59 yrs	42.2	37.3	--	--	--	--	--	--	564	239	--	--	--	--	--	--	564	239	802
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	671	307	--	--	--	--	671	307	979
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	461	276	--	--	461	276	737
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	363	320	363	320	683
Heart Failure																			
Age < 45 yrs	39.3	30.1	--	--	38	24	109	80	--	--	--	--	--	--	--	--	148	104	252
45-59 yrs	42.2	37.3	--	--	--	--	--	--	542	293	--	--	--	--	--	--	542	293	835
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	686	396	--	--	--	--	686	396	1,082
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	489	331	--	--	489	331	820
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	484	448	484	448	931

Table D-HC-S-25. Continued

CONDITION	SAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebrovascular diseases*																				
Age < 65 yrs	39.0	35.3	--	--	34	38	107	126	493	332	289	160	--	--	--	--	923	656	1,579	
>= 65 yrs	14.6	10.3	--	--	--	--	--	--	--	--	218	128	541	388	428	460	1,187	976	2,163	
Atherosclerosis	33.1	36.3	--	--	19	16	54	75	404	259	681	405	1,032	775	552	493	2,743	2,023	4,766	
TOTAL	22.1	15.4	--	--	189	144	967	612	5,251	2,245	5,418	2,692	4,200	2,829	2,872	2,694	18,897	11,217	30,114	
RESPIRATORY DISEASES																				
Pneumonia/ Influenza	19.2	13.8	--	--	58	36	131	90	280	190	363	202	621	344	665	475	2,118	1,336	3,454	
Chronic obstructive pulmonary disease	82.8	76.5	--	--	13	7	23	27	73	49	99	81	159	116	123	143	492	424	915	
TOTAL	22.9	17.8	--	--	72	43	155	117	353	239	462	283	780	460	789	617	2,610	1,760	4,370	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	48.4	38.0	--	--	9	7	44	24	117	71	144	85	256	153	196	192	765	532	1,297	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	1,259	895	--	--	--	--	--	--	--	--	--	--	--	--	1,259	895	2,154	
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
TOTAL	24.7	20.6	1,259	895	--	--	--	--	--	--	--	--	--	--	--	--	1,259	895	2,154	
INJURY																				
TOTAL (Fire Injury)	24.6	24.6	--	--	12	1	9	5	10	5	4	2	8	4	2	3	45	21	66	
TOTAL ACTIVE SMOKERS	25.3	18.1	1,259	895	295	217	1,304	887	6,618	3,119	7,343	3,776	6,936	4,274	4,723	3,946	28,478	17,114	45,592	
PASSIVE SMOKERS																				
Lung cancer	1.5	1.4	--	--	0	0	1	1	9	8	16	11	18	12	6	5	49	37	86	
Ischaemic heart disease	1.7	1.4	--	--	1	0	17	5	162	50	187	81	219	136	103	129	689	402	1,091	
TOTAL PASSIVE SMOKERS	1.7	1.4	--	--	1	1	17	6	171	59	203	93	237	147	109	134	737	439	1,177	
OVERALL			1,259	895	297	217	1,322	893	6,789	3,178	7,545	3,869	7,173	4,422	4,831	4,080	29,216	17,553	46,769	

* hospital days in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-26. Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in Yukon, 2002

CONDITION	SAF%		Number of hospital days														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.2	50.4	--	--	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	
Oesophageal cancer	48.5	39.0	--	--	0	0	0	0	2	0	2	1	2	1	1	1	7	2	9	
Stomach cancer	16.3	12.3	--	--	0	0	0	0	1	0	1	0	2	1	1	1	5	2	7	
Pancreatic cancer	17.4	13.3	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Laryngeal cancer	67.5	59.6	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Trachea, bronchus and lung cancers	88.5	62.8	--	--	0	0	2	2	20	16	36	24	51	27	23	12	132	80	212	
Cervical cancer	--	35.6	--	--	--	0	--	1	--	1	--	0	--	0	--	0	--	2	2	
Urinary tract cancer	55.1	37.5	--	--	0	0	1	0	4	1	6	2	8	3	6	2	25	9	34	
Renal cell carcinoma	26.0	7.0	--	--	0	0	1	0	2	0	2	0	3	0	2	0	9	2	11	
Bladder cancer	67.8	51.9	--	--	0	0	0	0	0	0	1	0	1	0	1	0	3	1	4	
Acute myeloid leukemia	21.4	17.8	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	51.3	39.3	--	--	0	0	3	3	27	19	46	27	63	31	32	16	171	97	268	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	0	1	1	1	4	3	3	2	3	2	1	1	13	11	23	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	100.0	100.0	--	--	0	1	1	1	4	3	3	2	3	2	1	1	13	11	23	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.0	44.5	--	--	0	0	8	3	--	--	--	--	--	--	--	--	8	3	11	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	47	15	--	--	--	--	--	--	47	15	62	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	41	17	--	--	--	--	41	17	58	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	21	11	--	--	21	11	32	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	13	10	13	10	23	
Pulmonary circulatory disease	80.9	75.8	--	--	0	0	0	0	1	1	1	1	2	2	1	2	6	7	13	
Cardiac arrhythmias																				
Age < 45 yrs	41.5	34.3	--	--	1	1	3	2	--	--	--	--	--	--	--	--	5	3	8	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	15	6	--	--	--	--	--	--	15	6	22	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	18	8	--	--	--	--	18	8	27	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	12	7	--	--	12	7	20	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	10	9	10	9	18	
Heart Failure																				
Age < 45 yrs	39.3	30.1	--	--	1	1	3	2	--	--	--	--	--	--	--	--	4	3	7	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	15	8	--	--	--	--	--	--	15	8	22	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	18	11	--	--	--	--	18	11	29	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	13	9	--	--	13	9	22	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	13	12	13	12	25	

Table D-HC-S-26. Continued

CONDITION	SAF%		Number of hospital days														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Cerebrovascular diseases*																			
Age < 65 yrs	39.0	35.3	--	--	1	2	5	5	21	14	12	7	--	--	--	--	39	28	66
>= 65 yrs	14.6	10.3	--	--	--	--	--	--	--	--	9	5	23	16	18	19	50	41	91
Atherosclerosis	33.1	36.3	--	--	1	0	1	2	11	7	18	11	27	21	15	13	73	54	127
TOTAL	22.1	15.4	--	--	5	4	20	15	110	51	119	60	98	66	70	65	421	260	681
RESPIRATORY DISEASES																			
Pneumonia/ Influenza	19.2	13.8	--	--	2	1	5	3	10	7	13	7	23	13	25	18	79	50	128
Chronic obstructive pulmonary disease	82.8	76.5	--	--	0	0	1	1	2	2	3	3	5	4	4	5	16	14	30
TOTAL	22.9	17.8	--	--	3	2	6	4	13	9	17	10	28	17	29	22	95	63	158
INTESTINAL DISEASE																			
TOTAL (Ulcers)	48.4	38.0	--	--	0	0	2	1	5	3	6	3	10	6	8	7	30	21	51
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birthweight and short gestation	24.7	20.6	18	13	--	--	--	--	--	--	--	--	--	--	--	--	18	13	30
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
TOTAL	24.7	20.6	18	13	--	--	--	--	--	--	--	--	--	--	--	--	18	13	30
INJURY																			
TOTAL (Fire Injury)	24.6	24.6	--	--	1	0	1	0	1	0	0	0	1	0	0	0	3	2	5
TOTAL ACTIVE SMOKERS	25.3	18.1	18	13	9	7	33	25	160	85	190	103	203	122	138	112	751	466	1,217
PASSIVE SMOKERS																			
Lung cancer	1.5	1.4	--	--	0	0	0	0	0	0	1	1	1	1	0	0	2	2	4
Ischaemic heart disease	1.7	1.4	--	--	0	0	0	0	3	1	3	1	3	2	2	2	11	6	17
TOTAL PASSIVE SMOKERS	1.7	1.4	--	--	0	0	0	0	3	1	4	2	4	3	2	2	13	8	21
OVERALL			18	13	9	7	33	25	162	86	193	105	208	125	140	114	764	474	1,238

* hospital days in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-27. Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in Northwest Territories, 2002

CONDITION	SAF%		Number of hospital days														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.2	50.4	--	--	0	0	1	0	3	1	3	1	2	1	1	1	10	5	14	
Oesophageal cancer	48.5	39.0	--	--	0	0	0	0	1	0	1	0	2	1	1	0	5	2	6	
Stomach cancer	16.3	12.3	--	--	0	0	0	0	1	0	1	0	1	0	1	0	3	1	4	
Pancreatic cancer	17.4	13.3	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Laryngeal cancer	67.5	59.6	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trachea, bronchus and lung cancers	88.5	62.8	--	--	0	0	1	2	18	14	32	21	45	24	21	11	118	71	189	
Cervical cancer	--	35.6	--	--	--	0	--	2	--	2	--	1	--	1	--	1	--	7	7	
Urinary tract cancer	55.1	37.5	--	--	0	0	1	0	6	2	8	3	12	4	9	4	37	13	50	
Renal cell carcinoma	26.0	7.0	--	--	0	0	0	0	2	0	2	0	2	0	1	0	7	1	9	
Bladder cancer	67.8	51.9	--	--	0	0	0	0	3	1	5	1	10	3	9	3	26	8	34	
Acute myeloid leukemia	21.4	17.8	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
TOTAL	51.3	39.3	--	--	0	1	4	5	29	21	46	27	62	31	32	16	173	100	273	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	0	0	0	0	1	0	0	0	1	0	0	0	2	2	4	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	100.0	100.0	--	--	0	0	0	0	1	0	0	0	1	0	0	0	2	2	4	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.0	44.5	--	--	0	0	5	2	--	--	--	--	--	--	--	--	5	2	7	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	32	10	--	--	--	--	--	--	32	10	42	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	28	11	--	--	--	--	28	11	39	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	14	7	--	--	14	7	21	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	9	7	9	7	15	
Pulmonary circulatory disease	80.9	75.8	--	--	1	1	3	3	7	6	8	7	11	12	7	11	36	40	76	
Cardiac arrhythmias																				
Age < 45 yrs	41.5	34.3	--	--	1	0	2	1	--	--	--	--	--	--	--	--	2	1	4	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	7	3	--	--	--	--	--	--	7	3	10	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	9	4	--	--	--	--	9	4	13	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	6	4	--	--	6	4	10	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	5	4	5	4	9	
Heart Failure																				
Age < 45 yrs	39.3	30.1	--	--	1	1	3	2	--	--	--	--	--	--	--	--	4	3	6	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	13	7	--	--	--	--	--	--	13	7	20	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	17	10	--	--	--	--	17	10	27	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	12	8	--	--	12	8	20	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	12	11	12	11	23	

Table D-HC-S-27. Continued

CONDITION	SAF%		Number of hospital days																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebrovascular diseases*																				
Age < 65 yrs	39.0	35.3	--	--	1	1	4	5	20	13	11	6	--	--	--	--	37	26	63	
>= 65 yrs	14.6	10.3	--	--	--	--	--	--	--	--	9	5	21	15	17	18	47	39	86	
Atherosclerosis	33.1	36.3	--	--	0	0	0	0	2	1	3	2	4	3	2	2	11	8	20	
TOTAL	22.1	15.4	--	--	4	4	17	13	81	40	84	45	69	49	52	53	306	204	510	
RESPIRATORY DISEASES																				
Pneumonia/ Influenza	19.2	13.8	--	--	6	4	15	10	31	21	40	22	69	38	74	53	235	148	383	
Chronic obstructive pulmonary disease	82.8	76.5	--	--	1	0	1	1	3	2	4	3	6	4	5	5	18	16	34	
TOTAL	22.9	17.8	--	--	7	4	15	11	34	23	44	25	75	42	78	58	253	164	417	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	48.4	38.0	--	--	0	0	2	1	7	4	8	5	14	9	11	11	43	30	72	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	60	43	--	--	--	--	--	--	--	--	--	--	--	--	60	43	103	
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
TOTAL	24.7	20.6	60	43	--	--	--	--	--	--	--	--	--	--	--	--	60	43	103	
INJURY																				
TOTAL (Fire Injury)	24.6	24.6	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL ACTIVE SMOKERS	25.3	18.1	60	43	12	9	39	30	151	88	182	102	220	131	173	138	837	542	1,380	
PASSIVE SMOKERS																				
Lung cancer	1.5	1.4	--	--	0	0	0	0	0	0	1	0	1	0	0	0	2	2	4	
Ischaemic heart disease	1.7	1.4	--	--	0	0	0	0	2	1	2	1	2	1	1	1	7	4	12	
TOTAL PASSIVE SMOKERS	1.7	1.4	--	--	0	0	0	0	2	1	3	1	3	2	1	2	9	6	15	
OVERALL			60	43	12	9	39	30	153	89	185	104	223	133	174	140	847	548	1,395	

* hospital days in the 60-69 yrs age category were apportioned to <64 or >=65.

Table D-HC-S-28. Smoking-attributable fractions and number of hospital days due to morbidity attributable to tobacco by sex, age and disease category in Nunavut, 2002

CONDITION	SAF%		Number of hospital days														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	58.2	50.4	--	--	0	0	1	0	5	2	4	1	3	1	1	1	13	6	19	
Oesophageal cancer	48.5	39.0	--	--	0	0	0	0	2	0	3	1	3	1	1	1	9	3	12	
Stomach cancer	16.3	12.3	--	--	0	0	0	0	1	0	1	0	1	1	1	0	4	2	6	
Pancreatic cancer	17.4	13.3	--	--	0	0	0	0	1	1	1	1	1	1	1	1	4	4	8	
Laryngeal cancer	67.5	59.6	--	--	0	0	0	0	1	0	2	0	2	1	1	0	7	2	9	
Trachea, bronchus and lung cancers	88.5	62.8	--	--	0	0	1	2	18	14	33	21	46	24	21	11	118	72	190	
Cervical cancer	--	35.6	--	--	--	0	--	1	--	1	--	1	--	1	--	0	--	5	5	
Urinary tract cancer	55.1	37.5	--	--	0	0	1	0	6	2	8	3	12	4	9	3	36	12	48	
Renal cell carcinoma	26.0	7.0	--	--	0	0	0	0	1	0	1	0	2	0	1	0	6	1	7	
Bladder cancer	67.8	51.9	--	--	0	0	0	0	3	1	5	2	10	3	9	3	27	8	36	
Acute myeloid leukemia	21.4	17.8	--	--	0	0	1	1	1	1	1	1	1	0	0	0	4	3	7	
TOTAL	51.3	39.3	--	--	1	1	5	5	35	22	53	29	68	34	34	18	196	108	304	
TOBACCO ABUSE																				
Tobacco abuse	100.0	100.0	--	--	1	1	2	2	6	4	4	4	4	3	1	2	18	16	34	
Toxic effect of tobacco and nicotine	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	100.0	100.0	--	--	1	1	2	2	6	4	4	4	4	3	1	2	18	16	34	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.0	44.5	--	--	1	0	19	6	--	--	--	--	--	--	--	--	19	6	26	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	115	35	--	--	--	--	--	--	115	35	150	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	99	41	--	--	--	--	99	41	140	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	50	26	--	--	50	26	76	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	31	23	31	23	54	
Pulmonary circulatory disease	80.9	75.8	--	--	2	2	6	7	15	14	17	15	24	26	16	25	80	88	168	
Cardiac arrhythmias																				
Age < 45 yrs	41.5	34.3	--	--	3	2	6	4	--	--	--	--	--	--	--	--	9	5	14	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	29	12	--	--	--	--	--	--	29	12	41	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	34	16	--	--	--	--	34	16	50	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	23	14	--	--	23	14	38	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	18	16	18	16	35	
Heart Failure																				
Age < 45 yrs	39.3	30.1	--	--	2	1	5	4	--	--	--	--	--	--	--	--	6	5	11	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	24	13	--	--	--	--	--	--	24	13	37	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	30	17	--	--	--	--	30	17	48	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	21	15	--	--	21	15	36	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	21	20	21	20	41	

Table D-HC-S-28. Continued

CONDITION	SAF%		Number of hospital days														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Cerebrovascular diseases*																			
Age < 65 yrs	39.0	35.3	--	--	2	2	5	6	23	16	14	7	--	--	--	--	43	31	74
>= 65 yrs	14.6	10.3	--	--	--	--	--	--	--	--	10	6	25	18	20	22	56	46	101
Atherosclerosis	33.1	36.3	--	--	1	1	2	3	15	10	26	16	40	30	21	19	105	77	183
TOTAL	22.1	15.4	--	--	9	7	42	29	221	99	230	118	184	128	128	124	815	506	1,321
RESPIRATORY DISEASES																			
Pneumonia/ Influenza	19.2	13.8	--	--	3	2	7	5	15	10	19	11	33	18	35	25	112	71	183
Chronic obstructive pulmonary disease	82.8	76.5	--	--	1	0	1	2	5	3	6	5	10	7	8	9	31	27	57
TOTAL	22.9	17.8	--	--	4	2	8	6	19	13	25	16	43	26	43	34	143	97	241
INTESTINAL DISEASE																			
TOTAL (Ulcers)	48.4	38.0	--	--	0	0	3	1	7	4	8	5	15	9	11	11	44	30	74
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birthweight and short gestation	24.7	20.6	54	38	--	--	--	--	--	--	--	--	--	--	--	--	54	38	92
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
TOTAL	24.7	20.6	54	38	--	--	--	--	--	--	--	--	--	--	--	--	54	38	92
INJURY																			
TOTAL (Fire Injury)	24.6	24.6	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
TOTAL ACTIVE SMOKERS	25.3	18.1	54	38	15	12	61	44	288	143	321	172	314	199	217	189	1,271	797	2,068
PASSIVE SMOKERS																			
Lung cancer	1.5	1.4	--	--	0	0	0	0	0	0	1	0	1	0	0	0	2	2	4
Ischaemic heart disease	1.7	1.4	--	--	0	0	1	0	6	2	7	3	8	5	4	5	26	15	41
TOTAL PASSIVE SMOKERS	1.7	1.4	--	--	0	0	1	0	6	2	8	4	9	6	4	5	28	17	45
OVERALL			54	38	15	12	61	44	295	145	328	175	323	205	222	194	1,299	814	2,113

* hospital days in the 60-69 yrs age category were apporti

Table I-PR-1. Short-term disability: Days in bed due to alcohol, illegal drugs and tobacco in Canada, 2002

Substance	Days in bed
Alcohol	311,293
Illegal drugs	216,581
Tobacco	551,753
TOTAL	1,079,626

Table I-PR-2. Short-term disability: Income lost due to days in bed due to alcohol, illegal drugs and tobacco in Canada, 2002

Substance	Income lost due to days in bed based on 14 days period	Income lost due to days in bed
Alcohol	\$610,950	\$15,884,710
Illegal drugs	\$838,366	\$21,797,508
Tobacco	\$936,883	\$24,358,948
TOTAL	\$2,386,199	\$62,041,167

Table I-PR-3. Short-term disability: Days with reduced activity due to alcohol, illegal drugs and tobacco in Canada, 2002

Substance	Days with reduced activity
Alcohol	227,650
Illegal Drugs	-90,433
Tobacco	403,499
TOTAL	540,715

Table I-PR-4. Short-term disability: Income losses due to days with reduced activity attributable to alcohol, illegal drugs and tobacco in Canada, 2002

Substance	Income lost due to days with reduced activity using 0.5 weight
Alcohol	\$23,632,929
Illegal drugs	-\$86,681
Tobacco	\$36,240,718
TOTAL	\$59,786,966

Table I-PR-5. Long-term disability: Years of lost productivity due to alcohol, illegal drugs and tobacco in Canada, 2002

Substance	Number of persons with permanent disability	Mean age	Years of lost productivity
Alcohol	18,099	34	718,512
Illegal drugs	12,668	29	564,375
Tobacco	32,079	38	1,039,356
TOTAL	62,846	33	2,322,243

Table I-PR-6. Long-term disability: Productivity losses due to alcohol, illegal drugs and tobacco in Canada, 2002

Substance	Number of persons with permanent disability	Mean age	Productivity losses Hybrid Approach	Productivity Losses Human Capital Approach
Alcohol	18,099	34	\$6,163,938,907	\$9,848,527,143
Illegal drugs	12,668	29	\$4,408,392,652	\$7,046,885,236
Tobacco	32,079	38	\$10,536,762,274	\$16,821,573,550
TOTAL	62,846		\$21,109,093,833	\$33,716,985,929

Table I-PR-7. Productivity losses due to premature deaths attributable to alcohol, illegal drugs and tobacco in Canada, 2002

Methodology Type	Gender	Tobacco	Alcohol	Illegal drugs	TOTAL
Friction Cost Approach (Cost of Replacing Deceased Worker)	M	\$55,947,747	\$25,729,043	\$6,202,926	\$87,879,716
	F	\$12,703,981	\$4,253,020	\$972,390	\$17,929,392
	OVERALL	\$68,651,729	\$29,982,063	\$7,175,316	\$105,809,107
Hybrid Approach (Sum of Friction Cost and Discounted PV of Reservation Wage Stream)	M	\$1,162,304,100	\$670,794,111	\$179,828,820	\$2,012,927,031
	F	\$711,196,652	\$252,156,777	\$68,710,367	\$1,032,063,796
	OVERALL	\$1,873,500,753	\$922,950,888	\$248,539,187	\$3,044,990,827
Human Capital Approach (Discounted PV of Average Annual Earnings Stream)	M	\$2,459,891,296	\$1,557,327,625	\$401,547,051	\$4,418,765,971
	F	\$688,739,278	\$265,418,804	\$67,045,228	\$1,021,203,310
	OVERALL	\$3,148,630,574	\$1,822,746,428	\$468,592,279	\$5,439,969,281

PV - Present Value

Table I-A-1. Alcohol-attributable fractions, mean age at death, and number of deaths attributable to alcohol by sex, age and disease category in Canada, 2002

CONDITION	AAF%		Mean age		Number of deaths																TOTAL	OVERALL
	(all ages)		at death		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
MALIGNANT NEOPLASMS																						
Oropharyngeal cancer	32.7	18.6	65.0	69.7	--	--	1	1	11	2	68	11	75	14	61	17	31	17	247	61	308	
Oesophageal cancer	37.6	24.1	67.8	74.0	--	--	1	0	11	2	91	9	105	17	134	35	66	31	407	95	501	
Liver cancer	31.7	22.0	67.5	72.3	--	--	1	1	9	2	65	15	70	22	97	42	43	35	285	117	402	
Laryngeal cancer	42.5	31.0	69.8	69.6	--	--	0	0	1	0	31	5	46	8	62	8	32	6	172	27	199	
Breast cancer	--	6.4	--	67.3	--	--	--	1	--	23	--	81	--	61	--	72	--	80	--	318	318	
Other neoplasms	8.7	5.0	71.2	76.5	--	--	2	0	3	1	7	3	11	3	19	11	20	19	62	38	100	
TOTAL	30.5	9.3	67.6	70.0	--	--	4	3	35	30	261	124	308	126	372	184	192	189	1,172	657	1,828	
DIABETES																						
TOTAL (Diabetes mellitus)	-5.1	-2.5	71.7	78.0	--	--	-1	0	-7	-1	-27	-6	-38	-10	-62	-27	-58	-52	-191	-96	-288	
NEURO-PSYCHIATRIC CONDITIONS																						
Alcoholic psychoses	100.0	100.0	62.1	67.9	--	--	3	0	23	3	41	12	33	8	35	15	24	11	159	49	208	
Alcohol dependence syndrome	100.0	100.0	62.1	61.0	--	--	2	0	26	6	92	32	78	21	82	11	18	8	298	78	376	
Alcohol abuse	100.0	100.0	60.5	58.3	--	--	0	0	15	9	36	14	24	6	21	8	10	4	106	41	147	
Unipolar major depression	8.4	2.8	78.6	82.8	--	--	0	0	0	0	0	0	0	0	1	0	2	2	3	2	6	
Degeneration of nervous system due to alcohol	100.0	100.0	69.0	75.3	--	--	0	0	0	0	3	1	4	0	6	0	2	2	15	3	18	
Epilepsy	49.7	37.5	49.3	65.0	--	--	11	3	22	7	16	10	6	5	8	7	7	18	69	50	119	
Alcoholic polyneuropathy	100.0	100.0	87.0		--	--	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	
TOTAL	85.9	57.8	60.7	63.3	--	--	16	3	86	25	188	69	145	40	152	42	64	44	651	223	875	
CARDIO VASCULAR DISEASES																						
Hypertensive disease	22.6	7.8	75.2	82.8	--	--	0	0	4	0	20	2	23	5	41	16	79	70	168	93	261	
Ishaemic heart disease	-9.3	-4.9	73.5	80.7	--	--	-2	0	-44	-6	-281	-37	-352	-67	-611	-206	-762	-584	-2,051	-900	-2,951	
Alcoholic cardiomyopathy	100.0	100.0	60.0	63.5	0	0	0	0	5	1	22	3	8	4	12	3	3	1	50	12	62	
Cardiac arrhythmias	25.7	17.3	74.5	82.5	--	--	3	1	10	2	26	6	27	7	67	32	110	157	243	205	449	
Cerebrovascular disease	2.6	-6.6	75.0	81.0	--	--	1	-1	5	-8	16	-23	23	-34	51	-121	73	-407	169	-594	-425	
Ischaemic stroke	-0.6	-8.2	73.7	71.6	--	--	0	-1	0	-9	-1	-21	-1	-18	-3	-39	-3	-50	-9	-137	-146	
Haemorrhagic stroke	8.9	-3.6	78.8	82.8	--	--	0	0	3	-1	16	-4	35	-9	108	-42	185	-159	347	-214	133	
Oesophageal varices	53.9	44.5	65.6	74.9	--	--	0	0	0	3	1	3	1	2	0	1	3	10	5	15		
TOTAL	-4.7	-3.9	73.5	80.6	0	0	2	0	-20	-12	-193	-48	-268	-83	-437	-275	-496	-760	-1,411	-1,178	-2,589	
DIGESTIVE DISEASES																						
Alcoholic gastritis	100.0	100.0	63.7	64.5	--	--	0	0	0	0	1	0	1	1	1	0	0	0	3	1	4	
Cirrhosis of the liver	58.1	45.7	61.9	65.0	--	--	2	1	62	32	305	93	259	84	192	96	62	58	882	364	1,246	
Cholethiasis	-13.1	-7.1	77.1	81.8	--	--	0	0	0	0	-1	0	-1	0	-2	-1	-4	-4	-7	-6	-13	
Acute and chronic pancreatitis	23.2	11.7	64.9	74.9	--	--	1	0	3	1	9	2	10	3	10	4	7	8	40	18	57	
Chronic pancreatitis (alcohol induced)	100.0	100.0	63.0	59.5	--	--	0	0	3	0	5	2	2	0	5	1	3	0	18	3	21	
TOTAL	52.9	37.0	61.9	65.2	--	--	3	1	68	32	319	97	270	87	206	101	68	62	935	380	1,316	
SKIN DISEASES																						
TOTAL (Psoriasis)	27.5	15.4	56.0	74.5	--	--	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	

Table I-A-1. Continued

CONDITION	AAF% (all ages)		Mean age at death		Number of deaths																TOTAL	OVERALL
	M	F	M	F	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
					M	F	M	F	M	F	M	F	M	F	M	F	M	F				
CONDITIONS ARISING DURING THE PERINATAL PERIOD																						
Low birth weight & short gestation	6.8	6.8	0.0	0.0	10	7	--	--	--	--	--	--	--	--	--	--	--	--	10	7	17	
Foetal alcohol syndrome	100.0	100.0	0.0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
TOTAL	1.0	1.0	0.0	0.0	10	8	0	0	0	0	0	0	0	0	0	0	0	0	10	8	18	
UNINTENTIONAL INJURIES																						
Motor vehicle accidents	39.4	18.2	34.6	41.8	19	9	329	45	230	40	105	38	21	9	21	12	19	10	746	163	909	
Poisonings	24.0	21.5	39.4	41.3	0	0	40	16	70	25	49	22	4	4	2	1	1	1	167	69	236	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>44.6</i>	<i>46.2</i>	<i>0</i>	<i>0</i>	<i>3</i>	<i>2</i>	<i>25</i>	<i>7</i>	<i>16</i>	<i>5</i>	<i>4</i>	<i>3</i>	<i>2</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>50</i>	<i>18</i>	<i>68</i>	
Falls	17.9	5.9	63.4	69.8	0	0	12	1	19	5	43	10	19	5	22	5	51	23	165	50	215	
Fires	40.8	18.5	39.3	41.1	5	3	11	2	20	3	13	3	3	1	3	2	1	1	56	15	71	
Drownings	33.8	28.7	43.1	45.9	0	0	23	4	21	6	29	5	5	1	4	1	3	2	84	19	103	
Other unintentional injuries	30.6	20.4	56.7	76.7	13	3	65	8	96	13	89	24	40	12	60	37	129	194	492	292	783	
TOTAL	30.8	16.6	44.8	60.9	37	14	480	77	457	92	328	102	92	32	113	58	204	233	1,710	608	2,318	
INTENTIONAL INJURIES																						
Suicide, self-inflicted injuries	17.3	13.7	39.9	41.7	0	0	131	24	183	37	141	40	26	6	8	1	4	1	493	109	603	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>48.5</i>	<i>50.8</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>0</i>	<i>1</i>	<i>2</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>5</i>	<i>4</i>	<i>9</i>	
Homicide	36.7	34.0	35.7	37.0	3	4	45	17	34	13	25	9	5	2	3	3	1	2	116	50	165	
Other Intentional injuries	29.7		28.4		0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	2	
TOTAL	19.2	16.7	39.0	40.2	3	4	178	41	217	50	166	49	31	8	11	4	5	3	611	159	770	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	40.0	54.5	0	0	0	0	4	1	1	1	0	0	0	1	0	0	5	3	8	
Finding of alcohol in blood	100.0	100.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			46.4	56.6	50	26	682	124	842	218	1,045	386	541	200	355	88	-21	-280	3,494	764	4,258	

Categories in italic are sub-categories of immediate prior category

Table I-A-2. Continued

CONDITION	AAF%		Number of deaths														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1	1	2
Foetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.0	1.0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	39.4	18.2	2	1	59	6	36	5	16	4	4	2	4	2	2	1	124	22	146	
Poisonings	24.0	21.5	0	0	5	2	9	3	7	3	1	0	0	0	0	0	22	9	31	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>3</i>	<i>1</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>7</i>	<i>2</i>	<i>9</i>	
Falls	17.9	5.9	0	0	1	0	2	1	6	1	3	1	3	1	8	3	23	7	30	
Fires	40.8	18.5	1	0	1	0	3	0	2	0	0	0	0	0	0	0	7	2	9	
Drownings	33.8	28.7	0	0	3	1	3	1	4	1	1	0	1	0	0	0	11	2	14	
Other unintentional injuries	30.6	20.4	2	0	8	1	12	2	12	3	6	2	9	5	20	27	68	40	108	
TOTAL	30.8	16.6	5	2	78	11	65	12	46	13	13	4	17	8	31	32	255	82	337	
INTENTIONAL INJURIES																				
Suicide, self-inflicted injuries	17.3	13.7	0	0	14	3	24	5	18	6	5	1	1	0	1	0	63	15	78	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>1</i>	
Homicide	36.7	34.0	0	0	6	2	4	2	3	1	1	0	0	0	0	0	15	6	22	
Other intentional injuries	29.7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	19.2	16.7	0	0	20	5	29	7	22	7	5	1	2	1	1	1	78	22	100	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			6	3	101	17	115	28	150	57	79	30	58	12	4	-30	513	118	631	

Categories in italic are sub-categories of immediate prior category

Table I-A-3. Continued

CONDITION	AAF%		Number of deaths														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1	1	2
Foetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.0	1.0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	39.4	18.2	3	1	43	5	34	7	14	6	3	1	3	1	2	1	103	21	124	
Poisonings	24.0	21.5	0	0	4	2	7	2	5	2	0	0	0	0	0	0	17	7	24	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>3</i>	<i>1</i>	<i>2</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>5</i>	<i>2</i>	<i>7</i>	
Falls	17.9	5.9	0	0	1	0	2	0	4	1	2	0	2	0	4	2	15	4	19	
Fires	40.8	18.5	0	0	1	0	2	0	1	0	0	0	0	0	0	0	6	1	7	
Drownings	33.8	28.7	0	0	3	0	2	1	3	0	0	0	0	0	0	0	8	2	10	
Other unintentional injuries	30.6	20.4	1	0	7	1	10	1	8	2	3	1	5	3	11	15	46	23	69	
TOTAL	30.8	16.6	5	2	60	8	58	12	35	12	9	3	11	5	17	18	195	59	253	
INTENTIONAL INJURIES																				
Suicide, self-inflicted injuries	17.3	13.7	0	0	18	4	22	5	19	4	3	1	1	0	1	0	63	13	76	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	
Homicide	36.7	34.0	0	0	5	2	4	1	2	1	0	0	0	0	0	0	12	5	17	
Other intentional injuries	29.7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	19.2	16.7	0	0	23	6	26	6	21	5	3	1	1	0	1	0	75	18	93	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			6	3	86	15	98	26	111	40	35	14	20	4	-5	-32	352	70	421	

Categories in italic are sub-categories of immediate prior category

Table I-A-4. Continued

CONDITION	AAF%		Number of deaths														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	1
Foetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	39.4	18.2	0	0	17	2	10	2	3	2	1	0	0	0	0	1	31	8	39	
Poisonings	24.0	21.5	0	0	1	1	2	1	1	1	0	0	0	0	0	0	5	2	7	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2</i>	<i>1</i>	<i>2</i>	
Falls	17.9	5.9	0	0	0	0	1	0	1	0	1	0	1	0	3	1	6	2	8	
Fires	40.8	18.5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	
Drownings	33.8	28.7	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	1	3	
Other unintentional injuries	30.6	20.4	0	0	2	0	3	0	3	1	1	0	2	1	6	9	18	12	30	
TOTAL	30.8	16.6	1	1	22	3	16	4	10	4	3	1	4	2	10	11	65	25	90	
INTENTIONAL INJURIES																				
Suicide, self-inflicted injuries	17.3	13.7	0	0	4	1	6	1	5	0	0	0	0	0	0	0	15	2	17	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	
Homicide	36.7	34.0	0	0	2	1	1	0	1	0	0	0	0	0	0	0	4	2	5	
Other Intentional injuries	29.7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	19.2	16.7	0	0	6	2	7	1	5	0	0	0	0	0	0	0	19	4	23	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			2	1	28	5	31	9	35	14	18	5	13	5	-1	-7	127	32	158	

Categories in italic are sub-categories of immediate prior category

Table I-A-5. Continued

CONDITION	AAF%		Number of deaths														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	1	
Foetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	39.4	18.2	0	0	17	2	10	2	3	2	1	0	0	0	0	1	31	8	39	
Poisonings	24.0	21.5	0	0	2	1	2	1	2	1	0	0	0	0	0	0	6	2	8	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2</i>	<i>1</i>	<i>2</i>	
Falls	17.9	5.9	0	0	0	0	1	0	1	0	1	0	1	0	2	1	7	2	9	
Fires	40.8	18.5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	3	
Drownings	33.8	28.7	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	1	4	
Other unintentional injuries	30.6	20.4	1	0	2	0	3	0	3	1	1	0	2	1	6	9	19	13	32	
TOTAL	30.8	16.6	1	1	22	3	18	4	11	5	4	1	4	2	9	11	69	26	95	
INTENTIONAL INJURIES																				
Suicide, self-inflicted injuries	17.3	13.7	0	0	6	2	5	2	3	1	1	1	0	0	0	0	15	5	20	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	
Homicide	36.7	34.0	0	0	2	1	1	0	1	0	0	0	0	0	0	0	4	2	6	
Other intentional injuries	29.7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	19.2	16.7	0	0	8	2	6	3	4	1	1	1	0	0	0	0	20	7	26	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			2	1	32	5	29	11	35	15	17	8	13	8	0	-10	128	38	166	

Categories in italic are sub-categories of immediate prior category

Table I-A-6. Continued

CONDITION	AAF%		Number of deaths														TOTAL		OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	4	3	--	--	--	--	--	--	--	--	--	--	--	--	--	4	3	7
Foetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.0	1.0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	7
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	39.4	18.2	6	3	85	13	63	13	30	11	6	3	6	4	7	4	202	51	253	
Poisonings	24.0	21.5	0	0	15	6	27	10	18	8	2	1	1	1	1	0	63	26	89	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>10</i>	<i>3</i>	<i>6</i>	<i>2</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>19</i>	<i>7</i>	<i>26</i>	
Falls	17.9	5.9	0	0	4	1	7	2	16	4	7	2	9	2	19	8	62	18	80	
Fires	40.8	18.5	2	1	4	1	8	1	5	1	1	0	1	1	0	1	21	6	27	
Drownings	33.8	28.7	0	0	9	2	8	3	10	2	2	0	2	0	1	1	32	7	39	
Other unintentional injuries	30.6	20.4	5	1	24	3	37	5	32	9	15	5	23	14	47	71	184	108	292	
TOTAL	30.8	16.6	13	5	142	26	150	33	111	35	33	12	41	21	75	85	564	216	781	
INTENTIONAL INJURIES																				
Suicide, self-inflicted injuries	17.3	13.7	0	0	31	5	45	10	35	11	7	2	3	0	1	0	122	29	151	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2</i>	<i>2</i>	<i>3</i>	
Homicide	36.7	34.0	1	1	17	7	13	5	9	3	2	1	1	1	0	1	44	19	62	
Other intentional injuries	29.7		0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
TOTAL	19.2	16.7	1	1	48	11	58	15	44	14	9	3	4	1	2	1	166	48	214	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	1	3	
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			18	9	199	39	278	78	360	136	211	79	123	27	-28	-134	1,160	235	1,394	

Categories in italic are sub-categories of immediate prior category

Table I-A-7. Continued

CONDITION	AAF%		Number of deaths														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M	F
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	2	2	--	--	--	--	--	--	--	--	--	--	--	--	2	2	4	
Foetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	1.0	1.0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4	
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	39.4	18.2	5	2	83	13	55	7	29	8	5	2	6	4	5	2	188	38	226	
Poisonings	24.0	21.5	0	0	9	4	17	6	13	6	1	1	0	0	0	0	41	17	58	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>6</i>	<i>2</i>	<i>4</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>12</i>	<i>4</i>	<i>17</i>	
Falls	17.9	5.9	0	0	3	0	5	1	11	3	5	1	5	1	11	6	39	12	51	
Fires	40.8	18.5	1	1	3	0	5	1	3	1	1	0	1	0	0	0	14	4	17	
Drownings	33.8	28.7	0	0	5	1	5	2	7	1	1	0	1	0	1	1	21	5	25	
Other unintentional injuries	30.6	20.4	3	1	15	2	23	3	23	6	10	3	14	10	27	47	116	71	187	
TOTAL	30.8	16.6	9	3	118	20	110	19	86	25	23	8	28	15	44	55	419	147	565	
INTENTIONAL INJURIES																				
Suicide, self-inflicted injuries	17.3	13.7	0	0	46	8	66	13	51	16	8	1	2	0	1	0	174	39	213	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>2</i>	
Homicide	36.7	34.0	1	1	11	4	8	3	6	2	1	0	1	1	0	1	28	12	40	
Other intentional injuries	29.7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	19.2	16.7	1	1	57	12	74	16	58	18	10	2	3	1	1	1	203	51	254	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2	
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			12	6	182	34	218	50	278	96	143	51	109	26	14	-46	954	216	1,170	

Categories in italic are sub-categories of immediate prior category

Table I-A-8. Continued

CONDITION	AAF%		Number of deaths														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
Foetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	39.4	18.2	1	1	9	2	9	2	5	1	0	0	0	0	1	0	25	6	31	
Poisonings	24.0	21.5	0	0	1	0	2	1	1	1	0	0	0	0	0	0	4	2	6	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>2</i>	
Falls	17.9	5.9	0	0	0	0	0	0	1	0	0	0	1	0	1	1	4	1	6	
Fires	40.8	18.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	
Drownings	33.8	28.7	0	0	1	0	1	0	1	0	0	0	0	0	0	0	2	0	3	
Other unintentional injuries	30.6	20.4	0	0	2	0	2	0	2	1	1	0	1	1	4	5	12	8	20	
TOTAL	30.8	16.6	1	1	12	3	14	3	10	3	2	1	2	1	6	6	49	18	67	
INTENTIONAL INJURIES																				
Suicide, self-inflicted injuries	17.3	13.7	0	0	4	0	5	1	5	1	1	0	0	0	0	0	14	2	17	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	
Homicide	36.7	34.0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	1	4	
Other intentional injuries	29.7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	19.2	16.7	0	0	5	1	6	1	5	1	1	0	0	0	0	0	17	4	21	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			2	1	18	4	23	6	28	10	10	4	7	1	-1	-7	86	18	104	

Categories in italic are sub-categories of immediate prior category

Table I-A-9. Continued

CONDITION	AAF%		Number of deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	1
Foetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	39.4	18.2	1	0	10	1	8	2	2	1	1	0	0	0	0	1	23	5	29	
Poisonings	24.0	21.5	0	0	1	0	2	1	2	1	0	0	0	0	0	0	5	2	7	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2</i>	<i>1</i>	<i>2</i>	
Falls	17.9	5.9	0	0	0	0	1	0	1	0	1	0	1	0	2	1	5	2	7	
Fires	40.8	18.5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	2	
Drownings	33.8	28.7	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	1	3	
Other unintentional injuries	30.6	20.4	0	0	2	0	3	0	3	1	1	0	2	1	5	7	16	10	26	
TOTAL	30.8	16.6	1	0	15	2	15	3	9	3	3	1	3	2	7	9	53	20	74	
INTENTIONAL INJURIES																				
Suicide, self-inflicted injuries	17.3	13.7	0	0	2	1	6	0	4	1	2	0	0	0	0	0	13	2	15	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	
Homicide	36.7	34.0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	3	2	5	
Other intentional injuries	29.7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	19.2	16.7	0	0	3	1	7	1	4	1	2	0	0	0	0	0	16	4	20	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			2	1	18	3	25	5	28	11	19	7	13	7	1	-4	106	30	136	

Categories in italic are sub-categories of immediate prior category

Table I-A-10. Continued

CONDITION	AAF%		Number of deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
Foetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	39.4	18.2	0	0	3	0	2	0	1	0	0	0	0	0	0	0	0	6	1	7
Poisonings	24.0	21.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Falls	17.9	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Fires	40.8	18.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drownings	33.8	28.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other unintentional injuries	30.6	20.4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	4	
TOTAL	30.8	16.6	0	0	4	1	3	0	2	0	0	0	1	0	1	1	11	3	13	
INTENTIONAL INJURIES																				
Suicide, self-inflicted injuries	17.3	13.7	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2	1	2
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Homicide	36.7	34.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Other intentional injuries	29.7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	19.2	16.7	0	0	1	0	1	0	0	1	0	0	0	0	0	0	2	1	3	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVERALL			0	0	5	1	4	1	5	2	1	1	0	0	-2	-3	14	1	15	

Categories in italic are sub-categories of immediate prior category

Table I-A-11. Continued

CONDITION	AAF%		Number of deaths														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birth weight & short gestation	6.8	6.8	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
Foetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UNINTENTIONAL INJURIES																			
Motor vehicle accidents	39.4	18.2	0	0	3	1	4	0	2	1	0	0	0	0	0	0	9	3	12
Poisonings	24.0	21.5	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	1	4
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>1</i>
Falls	17.9	5.9	0	0	0	0	0	0	1	0	0	0	0	0	1	0	3	1	4
Fires	40.8	18.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Drownings	33.8	28.7	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	2
Other unintentional injuries	30.6	20.4	0	0	1	0	2	0	2	0	1	0	1	1	2	3	8	5	13
TOTAL	30.8	16.6	1	0	5	1	7	1	6	3	1	0	2	1	3	4	26	10	36
INTENTIONAL INJURIES																			
Suicide, self-inflicted injuries	17.3	13.7	0	0	2	0	2	0	1	0	0	0	0	0	0	0	5	1	6
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Homicide	36.7	34.0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	1	3
Other Intentional injuries	29.7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	19.2	16.7	0	0	3	1	2	0	1	1	0	0	0	0	0	0	7	2	9
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVERALL			1	0	8	2	16	3	13	5	5	1	0	-1	-3	-8	40	3	44

Categories in italic are sub-categories of immediate prior category

Table I-A-12. Continued

CONDITION	AAF%		Number of deaths														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M	F
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
Foetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	39.4	18.2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0	2	
Poisonings	24.0	21.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	
Falls	17.9	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fires	40.8	18.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Drownings	33.8	28.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other unintentional injuries	30.6	20.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
TOTAL	30.8	16.6	0	0	1	0	1	0	0	0	0	0	0	0	0	0	3	1	3	
INTENTIONAL INJURIES																				
Suicide, self-inflicted injuries	17.3	13.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	
Homicide	36.7	34.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other intentional injuries	29.7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	19.2	16.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			0	0	1	0	1	0	1	1	2	0	0	0	0	0	5	1	7	

Categories in italic are sub-categories of immediate prior category

Table I-A-13. Continued

CONDITION	AAF%		Number of deaths														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birth weight & short gestation	6.8	6.8	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
Foetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UNINTENTIONAL INJURIES																				
Motor vehicle accidents	39.4	18.2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1
Poisonings	24.0	21.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Falls	17.9	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fires	40.8	18.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drownings	33.8	28.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other unintentional injuries	30.6	20.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	30.8	16.6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2
INTENTIONAL INJURIES																				
Suicide, self-inflicted injuries	17.3	13.7	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Homicide	36.7	34.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other intentional injuries	29.7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	19.2	16.7	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVERALL			0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	3	2	4

Categories in italic are sub-categories of immediate prior category

Table I-A-14. Continued

CONDITION	AAF%		Number of deaths														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birth weight & short gestation	6.8	6.8	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
Foetal alcohol syndrome	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UNINTENTIONAL INJURIES																			
Motor vehicle accidents	39.4	18.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poisonings	24.0	21.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Accidental poisoning & exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Falls	17.9	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fires	40.8	18.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drownings	33.8	28.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other unintentional injuries	30.6	20.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	30.8	16.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
INTENTIONAL INJURIES																			
Suicide, self-inflicted injuries	17.3	13.7	0	0	4	0	1	0	0	0	0	0	0	0	0	0	5	0	5
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>100.0</i>	<i>100.0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
Homicide	36.7	34.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other intentional injuries	29.7		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	19.2	16.7	0	0	4	0	1	0	0	0	0	0	0	0	0	0	5	0	5
Ethanol and methanol toxicity, undetermined intent	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Finding of alcohol in blood	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVERALL			0	0	4	0	1	0	1	0	0	0	0	0	0	0	6	1	7

Categories in italic are sub-categories of immediate prior category

Table I-D-1. Drug-attributable fractions, mean age at death, and number of deaths attributable to illegal drugs by sex, age, and disease category in Canada, 2002

CONDITION	DAF (%)		Mean age		Number of deaths																TOTAL		OVERALL
	(all ages)		at death		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Mental and behavioural disorders due to use of:																							
Opioids	100.0	100.0	52.0	--	0	0	0	0	0	0	1	0	0	0	0	0	0	0			1	0	1
Cannabinoids	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			--	--	--
Cocaine	100.0	100.0	34.7	37.0	0	0	4	0	7	1	2										13	1	14
Other stimulants, including caffeine	100.0	100.0			0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0
Hallucinogens	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			--	--	--
Multiple drug use and use of other psychoactive substances	100.0	100.0	42.0	43.5	0	0	9	3	13	13	20	5	0	3	0	0	1	1			43	25	68
Opiate and cocaine poisoning	100.0	100.0	36.6	36.6	21	6	171	53	246	76	244	75	47	15	2	0					733	225	958
HIV	21.6	21.6	44.7	41.0	0	0	2	1	39	8	27	3	5	0	1	0	0	0			74	13	87
Viral hepatitis C	56.0	56.0	58.4	64.3	0	0	0	1	9	7	55	17	17	8	15	20	7	10			102	62	165
Viral hepatitis B	26.0	26.0	58.0	66.3	0	0	0	0	2	1	4	1	2	2	2	3	1	1			11	8	18
Acute and subacute endocarditis	14.0	14.0	37.0	37.0	0	0	0	0	0	0											0	0	1
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0.5	--	1	0	--	--	--	--	--	--	--	--	--	--	--	--			1	0	1
Cannabis-attributable traffic accidents (Fatal)	1.4	1.4	40.7	45.2	1	1	9	3	6	2	5	2	2	1	2	1	2	1			26	13	39
Cocaine-attributable traffic accidents (Fatal)	0.3	0.3	40.4	44.8	0	0	2	1	1	0	1	1	0	0	0	0	0	0			6	3	8
Suicide, self-inflicted injuries*	5.2	19.5	44.0	43.5	0	0	31	30	47	51	44	46	25	22							146	149	295
Homicide	9.0	9.0	35.6	35.9	1	2	10	4	8	3	6	2	2	1	1	1	0	1			28	13	42
OVERALL			42.1	44.2	24	10	238	95	379	163	408	153	100	52	24	26	11	14			1,183	512	1,695

*Values in age group 60-69 represent deaths for ages 60+

Table I-D-2. Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in British Columbia, 2002

CONDITION	DAF (%)		Number of Deaths														TOTAL	OVERALL		
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs				M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabinoids	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cocaine	100.0	100.0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallucinogens	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	1	0	2	2	3	1	0	0	0	0	0	0	6	3	9	
Opiate and cocaine poisoning	100.0	100.0	3	1	22	7	32	10	33	10	6	2	0	0	0	0	96	29	125	
HIV	21.6	21.6	0	0	0	0	5	1	4	0	1	0	0	0	0	0	10	2	12	
Viral hepatitis C	56.0	56.0	0	0	0	0	1	1	7	2	2	1	2	3	1	1	14	8	22	
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0
Cannabis-attributable traffic accidents (Fatal)	1.4	1.4	0	0	2	0	1	0	1	0	0	0	0	0	0	0	4	2	6	
Cocaine-attributable traffic accidents (Fatal)	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Suicide, self-inflicted injuries*	5.2	19.5	0	0	4	4	6	7	6	6	3	3	0	0	0	0	19	19	39	
Homicide	9.0	9.0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	4	2	5	
OVERALL			3	1	31	12	49	21	55	20	14	7	4	3	2	2	157	67	224	

*Values in age group 60-69 represent deaths for ages 60+

Table I-D-3. Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in Alberta, 2002

CONDITION	DAF (%)		Number of Deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabinoids	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cocaine	100.0	100.0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallucinogens	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	1	0	1	1	2	0	0	0	0	0	0	0	4	2	7	7
Opiate and cocaine poisoning	100.0	100.0	2	1	19	6	26	8	23	7	4	1	0	0	0	0	74	22	96	96
HIV	21.6	21.6	0	0	0	0	4	1	3	0	0	0	0	0	0	0	7	1	9	9
Viral hepatitis C	56.0	56.0	0	0	0	0	1	1	5	2	1	1	1	2	1	1	9	5	15	15
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0
Cannabis-attributable traffic accidents (Fatal)	1.4	1.4	0	0	1	0	1	0	1	0	0	0	0	0	0	0	4	2	5	5
Cocaine-attributable traffic accidents (Fatal)	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Suicide, self-inflicted injuries*	5.2	19.5	0	0	3	3	5	5	4	4	2	2	0	0	0	0	15	14	29	29
Homicide	9.0	9.0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	1	4	4
OVERALL			3	1	27	10	40	17	39	14	9	4	2	2	1	1	120	49	169	169

*Values in age group 60-69 represent deaths for ages 60+

Table I-D-4. Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in Saskatchewan, 2002

CONDITION	DAF (%)		Number of Deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabinoids	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cocaine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallucinogens	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
Opiate and cocaine poisoning	100.0	100.0	1	0	6	2	7	2	7	2	2	2	0	0	0	0	0	0	23	7
HIV	21.6	21.6	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0
Viral hepatitis C	56.0	56.0	0	0	0	0	0	0	2	0	1	0	1	1	0	0	0	0	3	2
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
Cannabis-attributable traffic accidents (Fatal)	1.4	1.4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Cocaine-attributable traffic accidents (Fatal)	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suicide, self-inflicted injuries*	5.2	19.5	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	5	4
Homicide	9.0	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OVERALL			1	0	8	3	11	5	12	4	3	2	1	1	1	1	37	16	54	

*Values in age group 60-69 represent deaths for ages 60+

Table I-D-5. Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in Manitoba, 2002

CONDITION	DAF (%)		Number of Deaths																TOTAL	OVERALL	
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Mental and behavioural disorders due to use of:																					
Opioids	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabinoids	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cocaine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallucinogens	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	2
Opiate and cocaine poisoning	100.0	100.0	1	0	6	2	9	3	9	3	2	1	0	0	0	0	0	0	26	8	34
HIV	21.6	21.6	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	3	0	3
Viral hepatitis C	56.0	56.0	0	0	0	0	0	0	2	1	1	0	1	1	0	0	0	0	4	2	6
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
Cannabis-attributable traffic accidents (Fatal)	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Cocaine-attributable traffic accidents (Fatal)	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suicide, self-inflicted injuries*	5.2	19.5	0	0	1	1	2	2	2	2	1	1	0	0	0	0	0	0	5	5	11
Homicide	9.0	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
OVERALL			1	0	9	4	13	6	14	5	4	2	1	1	0	1	43	19	61		

*Values in age group 60-69 represent deaths for ages 60+

Table I-D-6. Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in Ontario, 2002

CONDITION	DAF (%)		Number of Deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabinoids	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cocaine	100.0	100.0	0	0	1	0	3	0	1	0	0	0	0	0	0	0	0	0	5	0
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallucinogens	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	3	1	5	5	7	2	0	1	0	0	0	0	0	0	16	10
Opiate and cocaine poisoning	100.0	100.0	8	2	64	20	95	30	89	28	18	6	1	0	0	0	0	0	275	85
HIV	21.6	21.6	0	0	1	0	15	3	10	1	2	0	0	0	0	0	0	0	28	5
Viral hepatitis C	56.0	56.0	0	0	0	0	3	3	20	6	6	3	6	8	2	3	0	0	38	23
Viral hepatitis B	26.0	26.0	0	0	0	0	1	0	2	0	1	1	1	1	0	0	0	0	4	3
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
Cannabis-attributable traffic accidents (Fatal)	1.4	1.4	0	0	2	1	2	1	1	1	1	0	1	0	1	0	0	0	7	4
Cocaine-attributable traffic accidents (Fatal)	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Suicide, self-inflicted injuries*	5.2	19.5	0	0	12	11	18	20	16	17	9	8	0	0	0	0	0	0	55	56
Homicide	9.0	9.0	1	1	4	1	3	1	2	1	1	0	0	0	0	0	0	0	11	5
OVERALL			9	4	88	36	145	63	149	56	37	20	9	10	4	5	442	193	635	

*Values in age group 60-69 represent deaths for ages 60+

Table I-D-7. Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in Quebec, 2002

CONDITION	DAF		Number of Deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabinoids	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cocaine	100.0	100.0	0	0	1	0	2	0	1	0	0	0	0	0	0	0	0	3	0	3
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallucinogens	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	2	1	3	3	5	1	0	1	0	0	0	0	11	6	17	
Opiate and cocaine poisoning	100.0	100.0	5	1	40	12	59	18	62	19	12	4	1	0	0	179	55	234		
HIV	21.6	21.6	0	0	0	0	9	2	7	1	1	0	0	0	0	18	3	22		
Viral hepatitis C	56.0	56.0	0	0	0	0	2	2	14	4	4	2	4	5	1	25	16	41		
Viral hepatitis B	26.0	26.0	0	0	0	0	1	0	1	0	0	0	0	1	0	3	2	5		
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	0	0	0		
Cannabis-attributable traffic accidents (Fatal)	1.4	1.4	0	0	2	1	1	0	1	1	0	0	0	0	0	6	3	9		
Cocaine-attributable traffic accidents (Fatal)	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2		
Suicide, self-inflicted injuries*	5.2	19.5	0	0	7	7	11	12	11	12	6	6	0	0	0	36	37	73		
Homicide	9.0	9.0	0	0	2	1	2	1	1	1	0	0	0	0	0	7	3	10		
OVERALL			5	2	56	22	91	39	104	39	25	14	6	7	2	3	290	126	416	

*Values in age group 60-69 represent deaths for ages 60+

Table I-D-8. Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in New Brunswick, 2002

CONDITION	DAF (%)		Number of Deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabinoids	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cocaine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallucinogens	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	2
Opiate and cocaine poisoning	100.0	100.0	0	0	4	1	6	2	6	2	1	0	0	0	0	0	0	18	6	23
HIV	21.6	21.6	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	0	2
Viral hepatitis C	56.0	56.0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	3	2	4
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
Cannabis-attributable traffic accidents (Fatal)	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Cocaine-attributable traffic accidents (Fatal)	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suicide, self-inflicted injuries*	5.2	19.5	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	4	4	7
Homicide	9.0	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
OVERALL			1	0	6	2	9	4	11	4	2	1	1	1	0	0	29	13	42	

*Values in age group 60-69 represent deaths for ages 60+

Table I-D-9. Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in Nova Scotia, 2002

CONDITION	DAF (%)		Number of Deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabinoids	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cocaine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallucinogens	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	2
Opiate and cocaine poisoning	100.0	100.0	1	0	5	2	7	2	8	2	2	0	0	0	0	0	0	22	7	29
HIV	21.6	21.6	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	0	3
Viral hepatitis C	56.0	56.0	0	0	0	0	0	0	2	1	1	0	0	1	0	0	3	2	5	
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
Cannabis-attributable traffic accidents (Fatal)	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Cocaine-attributable traffic accidents (Fatal)	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suicide, self-inflicted injuries*	5.2	19.5	0	0	1	1	1	2	1	1	1	1	0	0	0	0	4	5	9	
Homicide	9.0	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
OVERALL			1	0	7	3	11	5	13	5	3	2	1	1	0	1	36	16	52	

*Values in age group 60-69 represent deaths for ages 60+

Table I-D-10. Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in Prince Edward Island, 2002

CONDITION	DAF (%)		Number of Deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabinoids	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cocaine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallucinogens	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opiate and cocaine poisoning	100.0	100.0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	3	1
HIV	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis C	56.0	56.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
Cannabis-attributable traffic accidents (Fatal)	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cocaine-attributable traffic accidents (Fatal)	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suicide, self-inflicted injuries*	5.2	19.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Homicide	9.0	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVERALL			0	0	1	0	2	1	2	1	0	0	0	0	0	0	0	0	5	2

*Values in age group 60-69 represent deaths for ages 60+

Table I-D-11. Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in Newfoundland, 2002

CONDITION	DAF (%)		Number of Deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabinoids	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cocaine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallucinogens	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Opiate and cocaine poisoning	100.0	100.0	0	0	3	1	4	1	5	1	1	0	0	0	0	0	0	13	4	17
HIV	21.6	21.6	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	2
Viral hepatitis C	56.0	56.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1	3
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
Cannabis-attributable traffic accidents (Fatal)	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Cocaine-attributable traffic accidents (Fatal)	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suicide, self-inflicted injuries*	5.2	19.5	0	0	1	1	1	1	1	1	0	0	0	0	0	0	3	3	5	5
Homicide	9.0	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OVERALL			0	0	4	2	6	3	8	3	2	1	0	0	0	0	21	9	30	30

*Values in age group 60-69 represent deaths for ages 60+

Table I-D-12. Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in Yukon, 2002

CONDITION	DAF (%)		Number of Deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabinoids	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cocaine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallucinogens	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opiate and cocaine poisoning	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
HIV	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis C	56.0	56.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
Cannabis-attributable traffic accidents (Fatal)	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cocaine-attributable traffic accidents (Fatal)	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suicide, self-inflicted injuries*	5.2	19.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Homicide	9.0	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVERALL			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2

*Values in age group 60-69 represent deaths for ages 60+

Table I-D-13. Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in Northwest Territories, 2002

CONDITION	DAF (%)		Number of Deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabinoids	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cocaine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallucinogens	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opiate and cocaine poisoning	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
HIV	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis C	56.0	56.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
Cannabis-attributable traffic accidents (Fatal)	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cocaine-attributable traffic accidents (Fatal)	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suicide, self-inflicted injuries*	5.2	19.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Homicide	9.0	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVERALL			0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1

*Values in age group 60-69 represent deaths for ages 60+

Table I-D-14. Drug-attributable fractions and number of deaths attributable to illegal drugs by sex, age, and disease category in Nunavut, 2002

CONDITION	DAF (%)		Number of Deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Mental and behavioural disorders due to use of:																				
Opioids	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cannabinoids	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cocaine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other stimulants, including caffeine	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hallucinogens	100.0	100.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Multiple drug use and use of other psychoactive substances	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opiate and cocaine poisoning	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
HIV	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis C	56.0	56.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis B	26.0	26.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute and subacute endocarditis	14.0	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neonatal conditions; low birthweight & short gestation; maternal opiate use	0.3	0.3	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
Cannabis-attributable traffic accidents (Fatal)	1.4	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cocaine-attributable traffic accidents (Fatal)	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suicide, self-inflicted injuries*	5.2	19.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Homicide	9.0	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OVERALL			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1

*Values in age group 60-69 represent deaths for ages 60+

Table I-S-1. Smoking-attributable fractions, mean age at death, and number of deaths attributable to tobacco by sex, age and disease category in Canada, 2002

CONDITION	SAF %		Mean age		Number of deaths																TOTAL		OVERALL
	(all ages)		at death		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
ACTIVE SMOKERS																							
MALIGNANT NEOPLASMS																							
Oropharyngeal cancer	57.0	47.2	64.7	68.4	--	--	1	2	18	6	124	31	132	38	101	42	52	37	430	156	586		
Oesophageal cancer	48.4	38.0	67.6	72.9	--	--	1	0	14	3	121	17	135	29	168	56	84	44	523	149	672		
Stomach cancer	16.1	11.7	70.0	70.6	--	--	0	1	6	4	33	15	44	16	56	28	46	27	184	90	273		
Pancreatic cancer	17.1	12.7	68.6	70.2	--	--	0	0	6	9	58	37	67	43	82	64	52	56	266	209	475		
Laryngeal cancer	67.0	59.1	69.9	68.6	--	--	0	0	2	1	48	11	72	16	97	14	52	10	271	52	323		
Trachea, bronchus and lung cancers	88.6	62.5	70.2	68.1	--	--	2	2	102	96	1,398	959	2,507	1,168	3,272	1,426	1,749	722	9,028	4,373	13,401		
Cervical cancer	--	34.7	--	58.3	--	--	--	4	--	24	--	43	--	19	--	19	--	17	--	126	126		
Urinary tract cancer	55.1	36.9	71.1	73.2	--	--	1	0	23	10	182	48	242	62	341	112	300	131	1,089	364	1,452		
Renal cell carcinoma	26.5	6.8	67.9	69.0	--	--	0	0	6	2	52	7	60	8	60	10	43	8	221	35	256		
Bladder cancer	67.9	51.3	75.9	77.0	--	--	0	0	8	3	53	17	117	28	269	68	293	107	740	223	964		
Acute myeloid leukemia	15.7	13.1	69.9	66.9	--	--	0	1	3	4	11	9	16	12	27	12	14	11	70	48	118		
TOTAL	60.9	43.2	69.9	68.5	--	--	5	9	173	156	1,975	1,171	3,215	1,404	4,144	1,772	2,349	1,054	11,861	5,566	17,427		
TOBACCO ABUSE																							
TOTAL	100.0	100.0	64.2	73.4	--	--	0	0	1	0	12	2	11	4	10	9	3	5	37	20	57		
CARDIOVASCULAR DISEASES																							
Ischaemic heart disease																							
Age < 45 yrs	51.9	45.1	36.5	36.4	--	--	7	2	201	45	--	--	--	--	--	--	--	--	208	47	254		
45-59 yrs	42.2	37.3	52.0	52.0	--	--	--	--	--	--	1,128	232	--	--	--	--	--	--	1,128	232	1,360		
60-69 yrs	29.1	23.4	64.5	64.5	--	--	--	--	--	--	--	--	1,055	290	--	--	--	--	1,055	290	1,345		
70-79 yrs	10.0	7.3	74.5	74.5	--	--	--	--	--	--	--	--	--	664	300	--	--	--	664	300	965		
80+ yrs	8.9	5.1	87.0	87.0	--	--	--	--	--	--	--	--	--	--	--	782	637	782	637	1,419			
Pulmonary circulatory disease	83.3	76.5	70.2	72.9	--	--	2	7	18	21	53	53	50	64	85	119	96	182	305	446	751		
Cardiac arrhythmias																							
Age < 45 yrs	50.9	43.8	33.9	32.7	--	--	4	2	16	4	--	--	--	--	--	--	--	--	20	6	26		
45-59 yrs	42.2	37.3	52.0	52.0	--	--	--	--	--	--	38	12	--	--	--	--	--	--	38	12	50		
60-69 yrs	29.1	10.5	64.5	64.5	--	--	--	--	--	--	--	--	29	10	--	--	--	--	29	10	39		
70-79 yrs	10.0	7.3	74.5	74.5	--	--	--	--	--	--	--	--	--	--	26	13	--	--	26	13	39		
80+ yrs	8.9	5.1	87.0	87.0	--	--	--	--	--	--	--	--	--	--	--	--	40	47	40	47	88		
Heart Failure																							
Age < 45 yrs	50.8	44.2	33.7	33.8	--	--	4	2	15	6	--	--	--	--	--	--	--	--	19	8	26		
45-59 yrs	42.2	37.3	52.0	52.0	--	--	--	--	--	--	38	19	--	--	--	--	--	--	38	19	57		
60-69 yrs	29.1	23.4	64.5	64.5	--	--	--	--	--	--	--	--	60	26	--	--	--	--	60	26	86		
70-79 yrs	10.0	7.3	74.5	74.5	--	--	--	--	--	--	--	--	--	--	54	36	--	--	54	36	89		
80+ yrs	8.9	5.1	87.0	87.0	--	--	--	--	--	--	--	--	--	--	--	--	115	126	115	126	241		

Table I-S-1. Continued

CONDITION	SAF %		Mean age at death		Number of deaths																TOTAL		OVERALL
	(all ages)				0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Cerebrovascular diseases*																							
Age < 65 yrs	39.2	35.2	53.1	52.0	--	--	5	3	41	38	158	113	88	52	--	--	--	--	292	207	499		
>= 65 yrs	14.3	9.6	80.7	82.6	--	--	--	--	--	--	--	--	73	43	276	208	454	562	803	814	1,617		
Atherosclerosis	31.6	31.3	75.4	79.7	--	--	2	0	13	7	46	21	120	60	239	173	276	367	697	628	1,325		
TOTAL	18.7	11.3	68.5	75.3	--	--	25	16	304	121	1,462	450	1,475	545	1,344	850	1,763	1,921	6,373	3,902	10,275		
RESPIRATORY DISEASE																							
Pneumonia/ Influenza	19.9	12.9	79.8	82.1	--	--	2	1	6	5	22	10	32	16	86	50	263	257	410	340	750		
Chronic obstructive pulmonary disease	83.1	75.4	79.1	79.0	--	--	1	1	12	4	127	105	494	384	1,481	1,013	2,263	1,648	4,378	3,155	7,533		
TOTAL	65.4	51.2	79.1	79.3	--	--	2	2	19	9	149	115	526	400	1,567	1,064	2,525	1,905	4,788	3,494	8,282		
INTESTINAL DISEASE																							
TOTAL (Ulcers)	48.8	36.7	74.6	79.9	--	--	1	0	4	0	10	4	16	9	29	20	47	50	107	83	190		
CONDITIONS ARISING DURING THE PERINATAL PERIOD																							
Low birthweight and short gestation	24.7	20.6	0.0	0.0	37	22	--	--	--	--	--	--	--	--	--	--	--	--	37	22	59		
Sudden infant death syndrome	31.2	26.5	0.0	0.0	21	12	--	--	--	--	--	--	--	--	--	--	--	--	21	12	33		
TOTAL	26.7	22.4	0.0	0.0	58	33	--	--	--	--	--	--	--	--	--	--	--	--	58	33	92		
INJURY																							
TOTAL (Fire injury)	28.0	28.0	46.7	58.0			6	2	12	4	10	4	3	2	3	4	2	4	35	20	55		
TOTAL ACTIVE SMOKERS	37.8	24.0	71.2	73.3	58	33	39	29	514	290	3,617	1,746	5,246	2,364	7,097	3,719	6,689	4,939	23,259	13,119	36,378		
PASSIVE SMOKERS																							
Lung cancer	1.5	1.4	68.0	67.1	--	--	0	0	2	2	31	24	51	27	54	29	20	14	157	95	252		
Ischaemic heart disease	1.6	1.2	71.2	79.3	--	--	1	0	7	1	60	13	75	22	110	59	98	133	350	228	579		
TOTAL PASSIVE SMOKERS	1.6	1.3	70.2	75.7	--	--	1	0	9	3	91	36	126	49	164	89	118	147	507	324	831		
OVERALL			71.2	73.4	58	33	40	29	522	293	3,708	1,782	5,371	2,412	7,260	3,807	6,807	5,085	23,766	13,443	37,209		

* deaths in the 60-69 yrs age category were apportioned to <64 or >=65.

Table I-S-2. Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in British Columbia, 2002

CONDITION	SAF %		Number of deaths																TOTAL	OVERALL
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	57.0	47.2	--	--	0	0	2	1	16	4	18	5	14	6	7	5	58	21	78	
Oesophageal cancer	48.4	38.0	--	--	0	0	2	0	16	2	18	4	23	7	12	6	70	20	90	
Stomach cancer	16.1	11.7	--	--	0	0	1	0	4	2	6	2	8	4	6	4	25	12	37	
Pancreatic cancer	17.1	12.7	--	--	0	0	1	1	7	5	9	6	11	8	7	7	36	27	63	
Laryngeal cancer	67.0	59.1	--	--	0	0	0	0	6	1	10	2	13	2	7	1	37	7	44	
Trachea, bronchus and lung cancers	88.6	62.5	--	--	0	0	6	9	140	109	250	141	372	195	210	102	979	555	1,534	
Cervical cancer	--	34.7	--	--	--	0	--	3	--	6	--	3	--	2	--	2	--	16	16	
Urinary tract cancer	55.1	36.9	--	--	0	0	3	1	23	6	33	8	47	15	42	17	148	48	196	
Renal cell carcinoma	26.5	6.8	--	--	0	0	1	0	7	1	8	1	8	1	6	1	30	5	34	
Bladder cancer	67.9	51.3	--	--	0	0	1	0	7	2	16	4	37	9	41	14	102	29	131	
Acute myeloid leukemia	15.7	13.1	--	--	0	0	0	1	1	1	2	2	4	1	2	1	9	6	16	
TOTAL	60.9	43.2	--	--	0	1	15	17	214	136	346	173	491	240	295	145	1,362	712	2,073	
TOBACCO ABUSE																				
TOTAL	100.0	100.0	--	--	0	0	0	0	2	0	1	1	1	1	0	1	5	3	8	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.9	45.1	--	--	0	0	19	1	--	--	--	--	--	--	--	--	19	1	21	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	127	21	--	--	--	--	--	--	127	21	148	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	115	27	--	--	--	--	115	27	142	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	77	32	--	--	77	32	109	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	110	78	110	78	188	
Pulmonary circulatory disease	83.3	76.5	--	--	0	1	2	3	7	7	7	9	12	16	14	24	41	59	100	
Cardiac arrhythmias																				
Age < 45 yrs	50.9	43.8	--	--	1	0	2	1	--	--	--	--	--	--	--	--	3	1	3	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	5	2	--	--	--	--	--	--	5	2	6	
60-69 yrs	29.1	10.5	--	--	--	--	--	--	--	--	4	1	--	--	--	--	4	1	5	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	4	2	--	--	4	2	5	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	6	6	6	6	12	
Heart Failure																				
Age < 45 yrs	50.8	44.2	--	--	1	0	2	1	--	--	--	--	--	--	--	--	2	1	3	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	5	2	--	--	--	--	--	--	5	2	7	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	8	3	--	--	--	--	8	3	12	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	7	5	--	--	7	5	12	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	16	17	16	17	33	

Table I-S-2. Continued

CONDITION	SAF %		Number of deaths																TOTAL	OVERALL
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebrovascular diseases*																				
Age < 65 yrs	39.2	35.2	--	--	1	0	5	5	20	15	12	7	--	--	--	--	38	27	65	
>= 65 yrs	14.3	9.6	--	--	--	--	--	--	--	--	10	6	38	27	64	74	112	107	219	
Atherosclerosis	31.6	31.3	--	--	0	0	2	1	6	3	16	8	33	23	39	48	96	83	178	
TOTAL	18.7	11.3	--	--	3	2	32	11	170	49	172	62	170	103	249	247	795	474	1,269	
RESPIRATORY DISEASE																				
Pneumonia/ Influenza	19.9	12.9	--	--	0	0	1	1	3	1	4	2	12	7	37	34	57	45	102	
Chronic obstructive pulmonary disease	83.1	75.4	--	--	1	0	0	0	24	12	65	45	182	138	302	248	573	443	1,016	
TOTAL	65.4	51.2	--	--	1	0	1	1	26	14	70	48	194	144	339	282	630	488	1,118	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	48.8	36.7	--	--	0	0	1	0	1	1	2	1	4	3	7	7	15	11	26	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	5	3	--	--	--	--	--	--	--	--	--	--	--	--	5	3	7	
Sudden infant death syndrome	31.2	26.5	3	1	--	--	--	--	--	--	--	--	--	--	--	--	3	1	4	
TOTAL	26.7	22.4	7	4	--	--	--	--	--	--	--	--	--	--	--	--	7	4	11	
INJURY																				
TOTAL (Fire injury)	28.0	28.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL ACTIVE SMOKERS	37.8	24.0	7	4	4	3	49	28	413	200	591	284	859	491	890	681	2,813	1,691	4,504	
PASSIVE SMOKERS																				
Lung cancer	1.5	1.4	--	--	0	0	0	0	4	3	7	4	7	4	3	2	21	13	34	
Ischaemic heart disease	1.6	1.2	--	--	0	0	1	0	8	2	10	3	15	8	14	18	48	30	78	
TOTAL PASSIVE SMOKERS	1.6	1.3	--	--	0	0	1	0	12	5	17	7	22	12	17	19	69	43	111	
OVERALL			7	4	4	3	50	28	425	205	608	290	881	503	907	700	2,882	1,734	4,616	

* deaths in the 60-69 yrs age category were apportioned to <64 or >=65.

Table I-S-3. Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in Alberta, 2002

CONDITION	SAF %		Number of deaths																TOTAL	OVERALL
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	57.0	47.2	--	--	0	0	2	1	13	3	13	3	9	3	4	3	40	14	54	
Oesophageal cancer	48.4	38.0	--	--	0	0	2	0	13	2	13	3	14	5	7	3	48	13	61	
Stomach cancer	16.1	11.7	--	--	0	0	1	0	3	2	4	1	5	2	4	2	17	8	24	
Pancreatic cancer	17.1	12.7	--	--	0	0	1	1	6	4	6	4	7	5	4	4	24	18	42	
Laryngeal cancer	67.0	59.1	--	--	0	0	0	0	5	1	7	1	8	1	4	1	24	5	29	
Trachea, bronchus and lung cancers	88.6	62.5	--	--	0	1	8	8	100	68	159	101	214	107	122	56	603	341	944	
Cervical cancer	--	34.7	--	--	--	0	--	3	--	4	--	2	--	2	--	1	--	12	12	
Urinary tract cancer	55.1	36.9	--	--	0	0	3	1	19	5	23	6	29	9	24	10	98	31	128	
Renal cell carcinoma	26.5	6.8	--	--	0	0	1	0	5	1	6	1	5	1	3	1	20	3	23	
Bladder cancer	67.9	51.3	--	--	0	0	1	0	6	2	11	3	23	5	24	8	64	18	82	
Acute myeloid leukemia	15.7	13.1	--	--	0	0	0	0	1	1	1	1	2	1	1	1	6	4	11	
TOTAL	60.9	43.2	--	--	0	1	16	14	160	89	226	122	288	135	171	81	861	444	1,305	
TOBACCO ABUSE																				
TOTAL	100.0	100.0	--	--	0	0	0	0	1	0	1	0	1	1	0	0	3	2	5	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.9	45.1	--	--	1	0	26	6	--	--	--	--	--	--	--	--	27	6	33	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	107	26	--	--	--	--	--	--	107	26	133	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	101	26	--	--	--	--	101	26	127	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	60	26	--	--	60	26	85	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	70	58	70	58	128	
Pulmonary circulatory disease	83.3	76.5	--	--	0	1	2	2	6	5	5	6	7	10	8	14	28	38	65	
Cardiac arrhythmias																				
Age < 45 yrs	50.9	43.8	--	--	0	0	2	0	--	--	--	--	--	--	--	--	2	1	3	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	4	1	--	--	--	--	--	--	4	1	5	
60-69 yrs	29.1	10.5	--	--	--	--	--	--	--	--	3	1	--	--	--	--	3	1	4	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	2	1	--	--	2	1	3	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	3	4	3	4	7	
Heart Failure																				
Age < 45 yrs	50.8	44.2	--	--	0	0	2	1	--	--	--	--	--	--	--	--	2	1	3	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	4	2	--	--	--	--	--	--	4	2	6	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	6	2	--	--	--	--	6	2	8	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	5	3	--	--	5	3	7	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	9	10	9	10	19	

Table I-S-3. Continued

CONDITION	SAF %		Number of deaths														TOTAL		OVERALL		
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		M	F			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Cerebrovascular diseases*																					
Age < 65 yrs	39.2	35.2	--	--	1	0	5	4	16	11	8	5	--	--	--	--			30	21	51
>= 65 yrs	14.3	9.6	--	--	--	--	--	--	--	--	7	4	23	17	37	43			67	63	130
Atherosclerosis	31.6	31.3	--	--	0	0	1	1	5	2	11	5	20	14	22	28			60	50	111
TOTAL	18.7	11.3	--	--	3	2	38	14	141	48	141	49	117	70	150	155			590	338	928
RESPIRATORY DISEASE																					
Pneumonia/ Influenza	19.9	12.9	--	--	0	0	1	1	2	1	3	1	7	4	21	19			35	27	61
Chronic obstructive pulmonary disease	83.1	75.4	--	--	0	0	0	0	13	7	44	28	119	84	192	134			368	252	620
TOTAL	65.4	51.2	--	--	0	0	1	1	15	8	47	29	126	88	214	154			403	279	682
INTESTINAL DISEASE																					
TOTAL (Ulcers)	48.8	36.7	--	--	0	0	0	0	1	0	2	1	2	2	4	4			9	7	16
CONDITIONS ARISING DURING THE PERINATAL PERIOD																					
Low birthweight and short gestation	24.7	20.6	4	2	--	--	--	--	--	--	--	--	--	--	--	--			4	2	6
Sudden infant death syndrome	31.2	26.5	2	1	--	--	--	--	--	--	--	--	--	--	--	--			2	1	4
TOTAL	26.7	22.4	6	4	--	--	--	--	--	--	--	--	--	--	--	--			6	4	10
INJURY																					
TOTAL (Fire injury)	28.0	28.0	--	--	1	0	1	0	1	0	0	0	0	0	0	0			4	2	6
TOTAL ACTIVE SMOKERS	37.8	24.0	6	4	4	3	56	29	320	145	417	203	534	296	538	395			1,876	1,075	2,951
PASSIVE SMOKERS																					
Lung cancer	1.5	1.4	--	--	0	0	0	0	3	2	5	2	5	2	2	1			14	8	23
Ischaemic heart disease	1.6	1.2	--	--	0	0	1	0	6	1	7	2	9	5	8	10			31	18	50
TOTAL PASSIVE SMOKERS	1.6	1.3	--	--	0	0	1	0	9	4	12	4	14	7	10	11			46	27	72
OVERALL			6	4	4	3	57	30	329	149	429	207	548	303	548	406			1,921	1,102	3,023

* deaths in the 60-69 yrs age category were apportioned to <64 or >=65.

Table I-S-4. Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in Saskatchewan, 2002

CONDITION	SAF %		Number of deaths																TOTAL	OVERALL
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	57.0	47.2	--	--	0	0	1	0	4	1	4	1	3	1	2	1	13	5	18	
Oesophageal cancer	48.4	38.0	--	--	0	0	0	0	3	0	4	1	5	2	3	2	17	5	21	
Stomach cancer	16.1	11.7	--	--	0	0	0	0	1	0	1	0	2	1	2	1	6	3	9	
Pancreatic cancer	17.1	12.7	--	--	0	0	0	0	2	1	2	1	3	2	2	2	8	7	15	
Laryngeal cancer	67.0	59.1	--	--	0	0	0	0	1	0	2	0	3	0	2	0	9	2	10	
Trachea, bronchus and lung cancers	88.6	62.5	--	--	0	0	1	0	25	37	68	40	92	47	94	26	281	150	430	
Cervical cancer	--	34.7	--	--	--	0	--	1	--	1	--	1	--	1	--	1	--	4	4	
Urinary tract cancer	55.1	36.9	--	--	0	0	1	0	5	1	7	2	11	4	11	5	35	12	47	
Renal cell carcinoma	26.5	6.8	--	--	0	0	0	0	2	0	2	0	2	0	2	0	7	1	8	
Bladder cancer	67.9	51.3	--	--	0	0	0	0	2	1	3	1	9	2	11	4	25	7	32	
Acute myeloid leukemia	15.7	13.1	--	--	0	0	0	0	0	0	0	0	1	0	1	0	2	1	4	
TOTAL	60.9	43.2	--	--	0	0	3	2	42	43	89	47	120	58	117	37	371	188	559	
TOBACCO ABUSE																				
TOTAL	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.9	45.1	--	--	1	0	5	2	--	--	--	--	--	--	--	--	6	2	8	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	35	8	--	--	--	--	--	--	35	8	42	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	36	8	--	--	--	--	36	8	44	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	26	9	--	--	26	9	35	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	36	22	36	22	58	
Pulmonary circulatory disease	83.3	76.5	--	--	0	0	1	1	2	2	1	2	3	4	4	6	10	15	25	
Cardiac arrhythmias																				
Age < 45 yrs	50.9	43.8	--	--	0	0	1	0	--	--	--	--	--	--	--	--	1	0	1	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1	0	--	--	--	--	--	--	1	0	1	
60-69 yrs	29.1	10.5	--	--	--	--	--	--	--	--	1	0	--	--	--	--	1	0	1	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	1	0	--	--	1	0	1	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	2	2	2	2	3	
Heart Failure																				
Age < 45 yrs	50.8	44.2	--	--	0	0	1	0	--	--	--	--	--	--	--	--	1	0	1	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1	1	--	--	--	--	--	--	1	1	2	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	2	1	--	--	--	--	2	1	3	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	2	1	--	--	2	1	3	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	4	4	4	4	9	

Table I-S-4. Continued

CONDITION	SAF %		Number of deaths																OVERALL
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		TOTAL		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Cerebrovascular diseases*																			
Age < 65 yrs	39.2	35.2	--	--	0	0	1	1	5	3	3	2	--	--	--	--	9	6	15
>= 65 yrs	14.3	9.6	--	--	--	--	--	--	--	--	2	1	9	7	17	20	28	28	56
Atherosclerosis	31.6	31.3	--	--	0	0	0	0	1	1	4	2	8	5	10	13	23	21	44
TOTAL	18.7	11.3	--	--	2	1	9	5	44	14	48	16	48	26	73	68	224	128	352
RESPIRATORY DISEASE																			
Pneumonia/ Influenza	19.9	12.9	--	--	0	0	0	0	1	0	1	0	3	2	10	9	14	12	26
Chronic obstructive pulmonary disease	83.1	75.4	--	--	0	0	1	0	1	2	15	12	62	22	102	58	181	95	276
TOTAL	65.4	51.2	--	--	0	0	1	0	1	3	16	12	65	24	112	67	195	106	302
INTESTINAL DISEASE																			
TOTAL (Ulcers)	48.8	36.7	--	--	0	0	0	0	0	0	0	0	1	1	2	2	4	3	6
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birthweight and short gestation	24.7	20.6	1	1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	2
Sudden infant death syndrome	31.2	26.5	1	0	--	--	--	--	--	--	--	--	--	--	--	--	1	0	1
TOTAL	26.7	22.4	2	1	--	--	--	--	--	--	--	--	--	--	--	--	2	1	3
INJURY																			
TOTAL (Fire injury)	28.0	28.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
TOTAL ACTIVE SMOKERS	37.8	24.0	2	1	2	1	14	7	88	60	154	75	234	109	304	174	798	427	1,226
PASSIVE SMOKERS																			
Lung cancer	1.5	1.4	--	--	0	0	0	0	1	1	2	1	2	1	1	0	5	3	8
Ischaemic heart disease	1.6	1.2	--	--	0	0	0	0	2	0	2	1	4	2	4	5	11	8	19
TOTAL PASSIVE SMOKERS	1.6	1.3	--	--	0	0	0	0	3	1	4	1	5	3	4	5	16	11	27
OVERALL			2	1	2	1	14	7	91	61	158	77	239	112	308	179	815	438	1,253

* deaths in the 60-69 yrs age category were apportioned to <64 or >=65.

Table I-S-5. Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in Manitoba, 2002

CONDITION	SAF %		Number of deaths																TOTAL	OVERALL
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	57.0	47.2	--	--	0	0	1	0	4	1	5	1	4	1	2	1	15	6	21	
Oesophageal cancer	48.4	38.0	--	--	0	0	1	0	4	1	5	1	6	2	3	2	19	5	24	
Stomach cancer	16.1	11.7	--	--	0	0	0	0	1	1	2	1	2	1	2	1	7	3	10	
Pancreatic cancer	17.1	12.7	--	--	0	0	0	0	2	1	2	2	3	2	2	2	10	8	17	
Laryngeal cancer	67.0	59.1	--	--	0	0	0	0	2	0	3	1	3	1	2	0	10	2	12	
Trachea, bronchus and lung cancers	88.6	62.5	--	--	0	0	4	3	42	25	67	50	93	53	77	41	284	172	456	
Cervical cancer	--	34.7	--	--	--	0	--	1	--	1	--	1	--	1	--	1	--	5	5	
Urinary tract cancer	55.1	36.9	--	--	0	0	1	0	6	2	9	2	12	4	12	5	40	13	53	
Renal cell carcinoma	26.5	6.8	--	--	0	0	0	0	2	0	2	0	2	0	2	0	8	1	9	
Bladder cancer	67.9	51.3	--	--	0	0	0	0	2	1	4	1	10	2	11	4	27	8	36	
Acute myeloid leukemia	15.7	13.1	--	--	0	0	0	0	0	0	1	0	1	0	1	0	3	2	4	
TOTAL	60.9	43.2	--	--	0	0	7	5	63	32	92	58	124	65	100	54	386	216	602	
TOBACCO ABUSE																				
TOTAL	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.9	45.1	--	--	0	0	6	1	--	--	--	--	--	--	--	--	6	1	7	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	42	9	--	--	--	--	--	--	42	9	52	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	46	16	--	--	--	--	46	16	62	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	24	11	--	--	24	11	35	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	36	28	36	28	64	
Pulmonary circulatory disease	83.3	76.5	--	--	0	0	1	1	2	2	2	2	3	4	4	7	11	17	28	
Cardiac arrhythmias																				
Age < 45 yrs	50.9	43.8	--	--	0	0	1	0	--	--	--	--	--	--	--	--	1	0	1	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1	0	--	--	--	--	--	--	1	0	2	
60-69 yrs	29.1	10.5	--	--	--	--	--	--	--	--	1	0	--	--	--	--	1	0	1	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	1	0	--	--	1	0	1	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	2	2	2	2	3	
Heart Failure																				
Age < 45 yrs	50.8	44.2	--	--	0	0	1	0	--	--	--	--	--	--	--	--	1	0	1	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1	1	--	--	--	--	--	--	1	1	2	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	2	1	--	--	--	--	2	1	3	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	2	1	--	--	2	1	3	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	4	5	4	5	9	

Table I-S-5. Continued

CONDITION	SAF %		Number of deaths																TOTAL	OVERALL
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebrovascular diseases*																				
Age < 65 yrs	39.2	35.2	--	--	0	0	2	1	6	4	3	2	--	--	--	--	10	7	18	
>= 65 yrs	14.3	9.6	--	--	--	--	--	--	--	--	3	2	10	7	18	22	30	31	61	
Atherosclerosis	31.6	31.3	--	--	0	0	1	0	2	1	4	2	9	6	11	14	26	24	49	
TOTAL	18.7	11.3	--	--	1	1	10	4	54	17	61	25	48	30	75	79	249	155	403	
RESPIRATORY DISEASE																				
Pneumonia/ Influenza	19.9	12.9	--	--	0	0	0	0	1	0	1	1	3	2	10	10	15	13	29	
Chronic obstructive pulmonary disease	83.1	75.4	--	--	0	1	1	0	3	2	21	9	53	32	100	64	179	108	287	
TOTAL	65.4	51.2	--	--	0	1	1	0	4	2	22	9	56	34	111	75	194	121	315	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	48.8	36.7	--	--	0	0	0	0	0	0	1	0	1	1	2	2	4	3	7	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	2	1	--	--	--	--	--	--	--	--	--	--	--	--	2	1	2	
Sudden infant death syndrome	31.2	26.5	1	0	--	--	--	--	--	--	--	--	--	--	--	--	1	0	1	
TOTAL	26.7	22.4	2	1	--	--	--	--	--	--	--	--	--	--	--	--	2	1	4	
INJURY																				
TOTAL (Fire injury)	28.0	28.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
TOTAL ACTIVE SMOKERS	37.8	24.0	2	1	2	2	19	9	122	52	176	93	230	130	287	210	838	497	1,335	
PASSIVE SMOKERS																				
Lung cancer	1.5	1.4	--	--	0	0	0	0	1	1	2	1	2	1	1	1	6	3	9	
Ischaemic heart disease	1.6	1.2	--	--	0	0	0	0	2	0	3	1	4	2	4	5	13	9	21	
TOTAL PASSIVE SMOKERS	1.6	1.3	--	--	0	0	0	0	3	1	4	2	6	3	5	6	18	12	30	
OVERALL			2	1	2	2	19	9	125	53	181	95	236	134	292	216	856	509	1,366	

* deaths in the 60-69 yrs age category were apportioned to <64 or >=65.

Table I-S-6. Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in Ontario, 2002

CONDITION	SAF %		Number of deaths																TOTAL	OVERALL
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	57.0	47.2	--	--	0	1	7	2	48	12	49	14	38	16	20	14	162	60	222	
Oesophageal cancer	48.4	38.0	--	--	0	0	5	1	47	7	50	11	63	21	32	17	197	57	254	
Stomach cancer	16.1	11.7	--	--	0	0	2	1	13	6	16	6	21	10	18	10	69	34	104	
Pancreatic cancer	17.1	12.7	--	--	0	0	2	3	22	15	25	16	31	24	20	21	100	80	180	
Laryngeal cancer	67.0	59.1	--	--	0	0	1	0	19	4	26	6	37	5	20	4	102	20	122	
Trachea, bronchus and lung cancers	88.6	62.5	--	--	0	1	42	32	470	286	854	414	1,141	528	544	268	3,051	1,528	4,579	
Cervical cancer	--	34.7	--	--	--	1	--	9	--	17	--	7	--	7	--	7	--	48	48	
Urinary tract cancer	55.1	36.9	--	--	0	0	8	4	70	19	89	23	128	43	115	50	412	139	550	
Renal cell carcinoma	26.5	6.8	--	--	0	0	2	1	20	3	22	3	23	4	17	3	84	13	97	
Bladder cancer	67.9	51.3	--	--	0	0	3	1	21	7	43	10	101	26	113	41	280	85	366	
Acute myeloid leukemia	15.7	13.1	--	--	0	0	1	2	4	3	6	4	10	4	5	4	26	18	45	
TOTAL	60.9	43.2	--	--	1	3	68	54	693	369	1,114	502	1,469	659	775	396	4,120	1,983	6,103	
TOBACCO ABUSE																				
TOTAL	100.0	100.0	--	--	0	0	0	0	5	1	4	1	4	3	1	2	14	8	22	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.9	45.1	--	--	2	0	81	19	--	--	--	--	--	--	--	--	83	19	102	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	427	88	--	--	--	--	--	--	427	88	516	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	401	110	--	--	--	--	401	110	511	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	264	124	--	--	264	124	388	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	305	260	305	260	566	
Pulmonary circulatory disease	83.3	76.5	--	--	1	3	7	8	20	21	18	24	32	45	37	70	116	170	286	
Cardiac arrhythmias																				
Age < 45 yrs	50.9	43.8	--	--	2	1	6	2	--	--	--	--	--	--	--	--	8	2	10	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	15	5	--	--	--	--	--	--	15	5	19	
60-69 yrs	29.1	10.5	--	--	--	--	--	--	--	--	11	4	--	--	--	--	11	4	14	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	10	5	--	--	10	5	15	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	16	18	16	18	34	
Heart Failure																				
Age < 45 yrs	50.8	44.2	--	--	2	1	5	2	--	--	--	--	--	--	--	--	7	3	10	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	15	7	--	--	--	--	--	--	15	7	22	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	22	10	--	--	--	--	22	10	32	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	20	14	--	--	20	14	34	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	44	48	44	48	93	

Table I-S-6. Continued

CONDITION	SAF %		Number of deaths														TOTAL		OVERALL
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Cerebrovascular diseases*																			
Age < 65 yrs	39.2	35.2	--	--	2	1	15	14	61	44	32	19	--	--	--	--	111	79	190
>= 65 yrs	14.3	9.6	--	--	--	--	--	--	--	--	27	16	104	79	175	216	305	311	617
Atherosclerosis	31.6	31.3	--	--	1	0	5	3	18	8	44	22	90	66	106	141	264	240	504
TOTAL	18.7	11.3	--	--	9	6	119	48	556	173	555	205	520	333	683	754	2,443	1,518	3,961
RESPIRATORY DISEASE																			
Pneumonia/ Influenza	19.9	12.9	--	--	1	1	2	2	8	4	12	6	32	19	101	99	156	130	287
Chronic obstructive pulmonary disease	83.1	75.4	--	--	0	0	4	2	41	38	148	120	476	365	664	549	1,334	1,074	2,409
TOTAL	65.4	51.2	--	--	1	1	6	4	50	42	160	126	509	384	765	647	1,491	1,205	2,695
INTESTINAL DISEASE																			
TOTAL (Ulcers)	48.8	36.7	--	--	0	0	2	0	4	2	6	3	11	8	18	19	41	32	72
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birthweight and short gestation	24.7	20.6	15	8	--	--	--	--	--	--	--	--	--	--	--	--	15	8	23
Sudden infant death syndrome	31.2	26.5	8	5	--	--	--	--	--	--	--	--	--	--	--	--	8	5	13
TOTAL	26.7	22.4	23	13	--	--	--	--	--	--	--	--	--	--	--	--	23	13	36
INJURY																			
TOTAL (Fire injury)	28.0	28.0	--	--	2	1	5	2	4	2	1	1	1	1	1	2	13	8	21
TOTAL ACTIVE SMOKERS	37.8	24.0	23	13	13	11	201	108	1,311	588	1,839	838	2,513	1,389	2,244	1,819	8,144	4,765	12,909
PASSIVE SMOKERS																			
Lung cancer	1.5	1.4	--	--	0	0	1	1	12	9	19	10	20	11	8	5	59	36	95
Ischaemic heart disease	1.6	1.2	--	--	0	0	3	1	23	5	28	8	41	23	38	51	132	87	220
TOTAL PASSIVE SMOKERS	1.6	1.3	--	--	0	0	3	1	35	14	46	18	62	34	45	56	191	124	315
OVERALL			23	13	14	11	204	109	1,346	602	1,885	856	2,575	1,422	2,289	1,876	8,335	4,889	13,224

* deaths in the 60-69 yrs age category were apportioned to <64 or >=65.

Table I-S-7. Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in Quebec, 2002

CONDITION	SAF %		Number of deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	57.0	47.2	--	--	0	0	4	1	30	7	34	10	26	11	13	9	107	40	146	
Oesophageal cancer	48.4	38.0	--	--	0	0	3	1	29	4	35	8	43	15	20	11	130	38	168	
Stomach cancer	16.1	11.7	--	--	0	0	1	1	8	4	11	4	14	7	11	7	46	23	68	
Pancreatic cancer	17.1	12.7	--	--	0	0	2	2	14	9	17	11	21	17	12	14	66	53	119	
Laryngeal cancer	67.0	59.1	--	--	0	0	1	0	12	3	18	4	25	4	12	3	68	13	81	
Trachea, bronchus and lung cancers	88.6	62.5	--	--	2	0	32	39	496	360	869	319	1,070	374	521	177	2,990	1,270	4,259	
Cervical cancer	--	34.7	--	--	--	1	--	6	--	10	--	5	--	5	--	4	--	31	31	
Urinary tract cancer	55.1	36.9	--	--	0	0	5	2	44	11	62	16	87	29	72	33	270	93	362	
Renal cell carcinoma	26.5	6.8	--	--	0	0	1	0	13	2	15	2	15	3	10	2	55	9	64	
Bladder cancer	67.9	51.3	--	--	0	0	2	1	13	4	30	7	68	18	70	27	183	57	240	
Acute myeloid leukemia	15.7	13.1	--	--	0	0	1	1	3	2	4	3	7	3	3	3	17	12	29	
TOTAL	60.9	43.2			2	2	49	53	636	410	1,050	380	1,291	465	664	262	3,692	1,572	5,265	
TOBACCO ABUSE																				
TOTAL	100.0	100.0	--	--	0	0	0	0	3	0	3	1	3	2	1	1	9	5	14	
CARDIOVASCULAR DISEASE																				
Ischaemic heart disease																				
Age < 45 yrs	51.9	45.1	--	--	1	1	45	10	--	--	--	--	--	--	--	--	47	11	58	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	284	56	--	--	--	--	--	--	284	56	340	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	258	71	--	--	--	--	258	71	329	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	154	74	--	--	154	74	227	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	154	137	154	137	291	
Pulmonary circulatory disease	83.3	76.5	--	--	1	2	4	5	13	13	13	16	21	31	23	47	75	113	188	
Cardiac arrhythmias																				
Age < 45 yrs	50.9	43.8	--	--	1	0	4	1	--	--	--	--	--	--	--	--	5	1	6	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	9	3	--	--	--	--	--	--	9	3	12	
60-69 yrs	29.1	10.5	--	--	--	--	--	--	--	--	8	2	--	--	--	--	8	2	10	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	7	3	--	--	7	3	10	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	10	12	10	12	22	
Heart failure																				
Age < 45 yrs	50.8	44.2	--	--	1	0	3	1	--	--	--	--	--	--	--	--	4	2	6	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	9	4	--	--	--	--	--	--	9	4	14	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	15	7	--	--	--	--	15	7	22	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	14	9	--	--	14	9	23	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	27	32	27	32	60	

Table I-S-7. Continued

CONDITION	SAF %		Number of deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Stroke																				
Age < 65 yrs	39.2	35.2	--	--	1	1	10	9	38	27	22	13	--	--	--	--	72	50	122	
>= 65 yrs	14.3	9.6	--	--	--	--	--	--	--	--	19	11	70	55	109	144	197	210	407	
Atherosclerosis	31.6	31.3	--	--	1	0	3	2	11	5	31	15	61	45	66	94	172	161	334	
TOTAL					6	4	70	28	364	108	365	137	326	218	388	466	1,519	960	2,479	
RESPIRATORY DISEASE																				
Pneumonia/ Influenza	19.9	12.9	--	--	0	0	1	1	5	2	8	4	22	13	63	66	100	87	187	
Chronic obstructive pulmonary disease	83.1	75.4	--	--	0	0	5	2	34	29	151	130	426	280	668	447	1,284	888	2,172	
TOTAL	65.4	51.2	--	--	0	0	6	3	40	32	159	134	448	293	731	513	1,384	975	2,359	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	48.8	36.7	--	--	0	0	1	0	2	1	4	2	7	5	11	13	26	21	48	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	8	5	--	--	--	--	--	--	--	--	--	--	--	--	8	5	13	
Sudden infant death syndrome	31.2	26.5	5	3	--	--	--	--	--	--	--	--	--	--	--	--	5	3	7	
TOTAL	26.7	22.4	13	8	--	--	--	--	--	--	--	--	--	--	--	--	13	8	21	
INJURY																				
TOTAL (Fire injury)	28.0	28.0	--	--	2	1	4	2	4	2	1	1	1	1	1	2	13	8	21	
TOTAL ACTIVE SMOKERS	37.8	24.0	13	8	10	7	131	85	1,048	553	1,582	655	2,076	985	1,796	1,257	6,657	3,549	10,205	
PASSIVE SMOKERS																				
Lung cancer	1.5	1.4	--	--	0	0	0	0	7	6	13	7	14	8	5	4	39	24	63	
Ischaemic heart disease	1.6	1.2	--	--	0	0	2	0	15	3	19	6	28	16	23	34	87	59	145	
TOTAL PASSIVE SMOKERS	1.6	1.3	--	--	0	0	2	1	22	9	32	13	42	23	28	38	126	83	209	
OVERALL			13	8	11	7	133	86	1,070	561	1,614	667	2,117	1,008	1,824	1,294	6,783	3,632	10,414	

* deaths in the 60-69 yrs age category were apportioned to <64 or >=65.

Table I-S-8. Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in New Brunswick, 2002

CONDITION	SAF %		Number of deaths																
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		TOTAL		OVERAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ACTIVE SMOKERS																			
MALIGNANT NEOPLASMS																			
Oropharyngeal cancer	57.0	47.2	--	--	0	0	0	0	3	1	3	1	3	1	1	1	11	4	15
Oesophageal cancer	48.4	38.0	--	--	0	0	0	0	3	0	3	1	4	1	2	1	13	4	17
Stomach cancer	16.1	11.7	--	--	0	0	0	0	1	0	1	0	1	1	1	1	5	2	7
Pancreatic cancer	17.1	12.7	--	--	0	0	0	0	1	1	2	1	2	2	1	1	7	5	12
Laryngeal cancer	67.0	59.1	--	--	0	0	0	0	1	0	2	0	2	0	1	0	7	1	8
Trachea, bronchus and lung cancers	88.6	62.5	--	--	0	0	4	1	38	18	74	26	88	39	63	16	266	101	367
Cervical cancer	--	34.7	--	--	0	--	1	--	1	--	0	--	0	--	0	--	3	3	3
Urinary tract cancer	55.1	36.9	--	--	0	0	1	0	4	1	6	2	9	3	7	3	27	9	36
Renal cell carcinoma	26.5	6.8	--	--	0	0	0	0	1	0	2	0	2	0	1	0	5	1	6
Bladder cancer	67.9	51.3	--	--	0	0	0	0	1	0	3	1	7	2	7	3	18	6	24
Acute myeloid leukemia	15.7	13.1	--	--	0	0	0	0	0	0	0	0	1	0	0	0	2	1	3
TOTAL	60.9	43.2	--	--	0	0	6	3	52	23	92	32	110	48	77	24	337	130	467
TOBACCO ABUSE																			
TOTAL	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
CARDIOVASCULAR DISEASES																			
Ischaemic heart disease																			
Age < 45 yrs	51.9	45.1	--	--	0	0	7	2	--	--	--	--	--	--	--	--	7	2	9
45-59 yrs	42.2	37.3	--	--	--	--	--	--	28	5	--	--	--	--	--	--	28	5	33
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	24	11	--	--	--	--	24	11	35
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	17	7	--	--	17	7	24
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	22	17	22	17	38
Pulmonary circulatory disease	83.3	76.5	--	--	0	0	0	1	1	1	1	2	2	3	2	5	8	11	19
Cardiac arrhythmias																			
Age < 45 yrs	50.9	43.8	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	1
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1	0	--	--	--	--	--	--	1	0	1
60-69 yrs	29.1	10.5	--	--	--	--	--	--	--	--	1	0	--	--	--	--	1	0	1
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	1	0	--	--	1	0	1
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	1	1	2
Heart Failure																			
Age < 45 yrs	50.8	44.2	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	1
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1	0	--	--	--	--	--	--	1	0	1
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	2	1	--	--	--	--	2	1	2
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	1	1	--	--	1	1	2
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	3	3	3	3	6

Table I-S-8. Continued

CONDITION	SAF %		Number of deaths																	
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		TOTAL		OVERAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebrovascular diseases*																				
Age < 65 yrs	39.2	35.2	--	--	0	0	1	1	4	3	2	1	--	--	--	--	7	5	12	
>= 65 yrs	14.3	9.6	--	--	--	--	--	--	--	--	2	1	7	5	11	14	20	20	40	
Atherosclerosis	31.6	31.3	--	--	0	0	0	0	1	0	3	2	6	4	7	9	17	16	33	
TOTAL	18.7	11.3	--	--	0	0	9	4	36	10	35	17	34	20	46	49	160	101	261	
RESPIRATORY DISEASE																				
Pneumonia/ Influenza	19.9	12.9	--	--	0	0	0	0	1	0	1	0	2	1	6	6	10	8	19	
Chronic obstructive pulmonary disease	83.1	75.4	--	--	0	0	1	0	4	4	14	11	56	35	80	49	156	99	255	
TOTAL	65.4	51.2	--	--	0	0	1	0	5	4	15	12	59	36	87	55	166	107	274	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	48.8	36.7	--	--	0	0	0	0	0	0	0	0	1	1	1	1	3	2	5	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	1	0	--	--	--	--	--	--	--	--	--	--	--	--	1	0	1	
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	1	
TOTAL	26.7	22.4	1	1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	2	
INJURY																				
TOTAL (Fire injury)	28.0	28.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
TOTAL ACTIVE SMOKERS	37.8	24.0	1	1	1	1	17	7	93	38	143	61	203	105	211	130	669	342	1,011	
PASSIVE SMOKERS																				
Lung cancer	1.5	1.4	--	--	0	0	0	0	1	1	1	1	1	1	0	0	4	2	6	
Ischaemic heart disease	1.6	1.2	--	--	0	0	0	0	1	0	2	1	3	1	2	3	9	6	14	
TOTAL PASSIVE SMOKERS	1.6	1.3	--	--	0	0	0	0	2	1	3	1	4	2	3	4	13	8	21	
OVERALL			1	1	1	1	17	7	95	39	146	63	208	107	214	133	682	350	1,032	

* deaths in the 60-69 yrs age category were apportioned to <64 or >=65.

Table I-S-9. Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in Nova Scotia, 2002

CONDITION	SAF %		Number of deaths																TOTAL	OVERAL
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	57.0	47.2	--	--	0	0	1	0	4	1	4	1	3	1	2	1	13	5	18	
Oesophageal cancer	48.4	38.0	--	--	0	0	0	0	4	1	4	1	5	2	3	1	16	5	21	
Stomach cancer	16.1	11.7	--	--	0	0	0	0	1	0	1	1	2	1	1	1	6	3	8	
Pancreatic cancer	17.1	12.7	--	--	0	0	0	0	2	1	2	1	3	2	2	2	8	7	15	
Laryngeal cancer	67.0	59.1	--	--	0	0	0	0	1	0	2	1	3	0	2	0	8	2	10	
Trachea, bronchus and lung cancers	88.6	62.5	--	--	0	1	4	1	45	39	85	41	121	54	71	27	326	163	489	
Cervical cancer	--	34.7	--	--	0	--	1	--	1	--	1	--	1	--	1	--	--	4	4	
Urinary tract cancer	55.1	36.9	--	--	0	0	1	0	5	1	8	2	11	4	9	4	34	11	45	
Renal cell carcinoma	26.5	6.8	--	--	0	0	0	0	2	0	2	0	2	0	1	0	7	1	8	
Bladder cancer	67.9	51.3	--	--	0	0	0	0	2	1	4	1	9	2	9	3	23	7	30	
Acute myeloid leukemia	15.7	13.1	--	--	0	0	0	0	0	0	0	0	1	0	0	0	2	1	4	
TOTAL	60.9	43.2	--	--	0	1	6	3	62	45	107	49	149	65	89	37	413	201	614	
TOBACCO ABUSE																				
TOTAL	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.9	45.1	--	--	0	0	6	1	0	0	0	0	0	0	0	0	7	1	8	
45-59 yrs	42.2	37.3	--	--	0	0	0	0	39	9	0	0	0	0	0	0	39	9	48	
60-69 yrs	29.1	23.4	--	--	0	0	0	0	0	0	37	10	0	0	0	0	37	10	47	
70-79 yrs	10.0	7.3	--	--	0	0	0	0	0	0	0	0	23	9	0	0	23	9	32	
80+ yrs	8.9	5.1	--	--	0	0	0	0	0	0	0	0	0	0	27	20	27	20	47	
Pulmonary circulatory disease	83.3	76.5	--	--	0	0	1	1	2	2	2	2	3	4	3	6	9	14	23	
Cardiac arrhythmias																				
Age < 45 yrs	50.9	43.8	--	--	0	0	0	0	--	--	--	--	--	--	--	--	1	0	1	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1	0	--	--	--	--	--	--	1	0	1	
60-69 yrs	29.1	10.5	--	--	--	--	--	--	--	--	1	0	--	--	--	--	1	0	1	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	1	0	--	--	1	0	1	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	1	1	3	
Heart Failure																				
Age < 45 yrs	50.8	44.2	--	--	0	0	0	0	--	--	--	--	--	--	--	--	1	0	1	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1	1	--	--	--	--	--	--	1	1	2	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	2	1	--	--	--	--	2	1	3	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	2	1	--	--	2	1	3	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	3	4	3	4	7	

Table I-S-9. Continued

CONDITION	SAF %		Number of deaths																	
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		TOTAL		OVERAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebrovascular diseases*																				
Age < 65 yrs	39.2	35.2	--	--	0	0	1	1	5	3	3	2	--	--	--	--	9	6	15	
>= 65 yrs	14.3	9.6	--	--	--	--	--	--	--	--	2	1	9	7	14	18	25	26	51	
Atherosclerosis	31.6	31.3	--	--	0	0	0	0	1	1	4	2	8	6	8	11	22	20	41	
TOTAL	18.7	11.3	--	--	1	0	9	4	49	16	50	18	44	27	57	60	211	125	335	
RESPIRATORY DISEASE																				
Pneumonia/ Influenza	19.9	12.9	--	--	0	0	0	0	1	0	1	1	3	2	8	8	13	11	23	
Chronic obstructive pulmonary disease	83.1	75.4	--	--	0	0	0	0	4	9	24	19	71	36	82	64	182	128	310	
TOTAL	65.4	51.2	--	--	0	0	0	0	5	9	25	20	74	38	90	72	195	139	333	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	48.8	36.7	--	--	0	0	0	0	0	0	1	0	1	1	1	2	3	3	6	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	1	1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	2	
Sudden infant death syndrome	31.2	26.5	1	0	--	--	--	--	--	--	--	--	--	--	--	--	1	0	1	
TOTAL	26.7	22.4	2	1	--	--	--	--	--	--	--	--	--	--	--	--	2	1	3	
INJURY																				
TOTAL (Fire injury)	28.0	28.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
TOTAL ACTIVE SMOKERS	37.8	24.0	2	1	1	1	15	7	116	71	184	87	269	131	238	171	826	469	1,294	
PASSIVE SMOKERS																				
Lung cancer	1.5	1.4	--	--	0	0	0	0	1	1	2	1	2	1	1	0	5	3	8	
Ischaemic heart disease	1.6	1.2	--	--	0	0	0	0	2	0	2	1	4	2	3	4	11	7	18	
TOTAL PASSIVE SMOKERS	1.6	1.3	--	--	0	0	0	0	3	1	4	2	5	3	4	5	16	10	26	
OVERALL			2	1	1	1	16	7	119	72	188	88	274	134	242	175	841	479	1,320	

* deaths in the 60-69 yrs age category were apportioned to <64 or >=65.

Table I-S-10. Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in Prince Edward Island, 2002

CONDITION	SAF %		Number of deaths																TOTAL	OVERAL
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	57.0	47.2	--	--	0	0	0	0	1	0	1	0	0	0	0	0	0	2	1	3
Oesophageal cancer	48.4	38.0	--	--	0	0	0	0	0	0	1	0	1	0	0	0	0	2	1	3
Stomach cancer	16.1	11.7	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Pancreatic cancer	17.1	12.7	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Laryngeal cancer	67.0	59.1	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Trachea, bronchus and lung cancers	88.6	62.5	--	--	0	0	0	0	10	6	13	9	17	7	11	3	51	24	76	
Cervical cancer	--	34.7	--	--	0	--	0	--	0	--	0	--	0	--	0	--	--	1	1	
Urinary tract cancer	55.1	36.9	--	--	0	0	0	0	1	0	1	0	2	1	1	1	5	2	7	
Renal cell carcinoma	26.5	6.8	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Bladder cancer	67.9	51.3	--	--	0	0	0	0	0	0	1	0	1	0	1	0	3	1	4	
Acute myeloid leukemia	15.7	13.1	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	60.9	43.2	--	--	0	0	0	0	12	7	17	10	21	8	14	4	64	30	94	
TOBACCO ABUSE																				
TOTAL	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.9	45.1	--	--	0	0	2	0	--	--	--	--	--	--	--	--	2	0	2	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	6	0	--	--	--	--	--	--	6	0	6	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	6	2	--	--	--	--	6	2	8	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	4	2	--	--	4	2	6	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	6	5	6	5	10	
Pulmonary circulatory disease	83.3	76.5	--	--	0	0	0	0	0	0	0	0	0	1	0	1	1	2	3	
Cardiac arrhythmias																				
Age < 45 yrs	50.9	43.8	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	0	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	0	0	--	--	--	--	--	--	0	0	0	
60-69 yrs	29.1	10.5	--	--	--	--	--	--	--	--	0	0	--	--	--	--	0	0	0	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	0	0	--	--	0	0	0	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0	0	
Heart Failure																				
Age < 45 yrs	50.8	44.2	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	0	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	0	0	--	--	--	--	--	--	0	0	0	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	0	0	--	--	--	--	0	0	0	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	0	0	--	--	0	0	0	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	1	1	1	

Table I-S-10. Continued

CONDITION	SAF %		Number of deaths																	
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		TOTAL		OVERAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebrovascular diseases*																				
Age < 65 yrs	39.2	35.2	--	--	0	0	0	0	1	0	0	0	--	--	--	--	1	1	2	
>= 65 yrs	14.3	9.6	--	--	--	--	--	--	--	--	0	0	1	1	2	2	4	4	7	
Atherosclerosis	31.6	31.3	--	--	0	0	0	0	0	0	1	0	1	1	1	2	3	3	6	
TOTAL	18.7	11.3	--	--	0	0	2	1	7	1	8	3	7	5	10	10	35	20	55	
RESPIRATORY DISEASE																				
Pneumonia/ Influenza	19.9	12.9	--	--	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	
Chronic obstructive pulmonary disease	83.1	75.4	--	--	0	0	0	0	0	0	3	1	7	5	16	11	26	16	42	
TOTAL	65.4	51.2	--	--	0	0	0	0	0	0	3	1	8	5	17	12	28	18	46	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	48.8	36.7	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
TOTAL	26.7	22.4	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
INJURY																				
TOTAL (Fire injury)	28.0	28.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ACTIVE SMOKERS	37.8	24.0	0	0	0	0	2	1	20	8	28	14	36	18	41	27	128	68	196	
PASSIVE SMOKERS																				
Lung cancer	1.5	1.4	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Ischaemic heart disease	1.6	1.2	--	--	0	0	0	0	0	0	0	0	1	0	0	1	2	1	3	
TOTAL PASSIVE SMOKERS	1.6	1.3	--	--	0	0	0	0	0	0	1	0	1	0	1	1	2	1	4	
OVERALL			0	0	0	0	2	1	20	8	28	14	37	18	42	28	130	70	200	

* deaths in the 60-69 yrs age category were apportioned to <64 or >=65.

Table I-S-11. Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in Newfoundland, 2002

CONDITION	SAF %		Number of deaths																TOTAL	OVERALL
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	57.0	47.2	--	--	0	0	0	0	2	1	3	1	2	1	1	1	8	3	10	
Oesophageal cancer	48.4	38.0	--	--	0	0	0	0	2	0	3	1	3	1	1	1	9	3	12	
Stomach cancer	16.1	11.7	--	--	0	0	0	0	1	0	1	0	1	0	1	0	3	2	5	
Pancreatic cancer	17.1	12.7	--	--	0	0	0	0	1	1	1	1	1	1	1	1	5	4	8	
Laryngeal cancer	67.0	59.1	--	--	0	0	0	0	1	0	1	0	2	0	1	0	5	1	6	
Trachea, bronchus and lung cancers	88.6	62.5	--	--	0	0	1	3	25	11	60	20	57	19	32	5	176	57	233	
Cervical cancer	--	34.7	--	--	--	0	--	0	--	1	--	0	--	0	--	0	--	2	2	
Urinary tract cancer	55.1	36.9	--	--	0	0	0	0	3	1	5	1	6	2	5	2	19	6	25	
Renal cell carcinoma	26.5	6.8	--	--	0	0	0	0	1	0	1	0	1	0	1	0	4	1	4	
Bladder cancer	67.9	51.3	--	--	0	0	0	0	1	0	2	1	5	1	5	2	13	4	17	
Acute myeloid leukemia	15.7	13.1	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
TOTAL	60.9	43.2	--	--	0	0	2	4	35	14	73	24	73	25	42	10	225	77	303	
TOBACCO ABUSE																				
TOTAL	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.9	45.1	--	--	0	0	4	2	--	--	--	--	--	--	--	--	5	2	6	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	31	9	--	--	--	--	--	--	31	9	40	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	28	9	--	--	--	--	28	9	37	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	15	7	--	--	15	7	22	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	14	12	14	12	27	
Pulmonary circulatory disease	83.3	76.5	--	--	0	0	0	0	1	1	1	1	2	2	2	3	5	7	13	
Cardiac arrhythmias																				
Age < 45 yrs	50.9	43.8	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	0	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1	0	--	--	--	--	--	--	1	0	1	
60-69 yrs	29.1	10.5	--	--	--	--	--	--	--	--	1	0	--	--	--	--	1	0	1	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	0	0	--	--	0	0	1	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	1	1	1	
Heart Failure																				
Age < 45 yrs	50.8	44.2	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	0	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1	0	--	--	--	--	--	--	1	0	1	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	1	0	--	--	--	--	1	0	2	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	1	1	--	--	1	1	2	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	2	2	2	2	4	

Table I-S-11. Continued

CONDITION	SAF %		Number of deaths																
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		TOTAL		OVERALL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Cerebrovascular diseases*																			
Age < 65 yrs	39.2	35.2	--	--	0	0	1	1	3	2	2	1	--	--	--	--	5	4	9
>= 65 yrs	14.3	9.6	--	--	--	--	--	--	--	--	1	1	5	4	7	9	14	13	27
Atherosclerosis	31.6	31.3	--	--	0	0	0	0	1	0	2	1	4	3	5	6	12	10	22
TOTAL	18.7	11.3	--	--	1	0	6	3	37	13	36	13	27	17	30	32	137	78	215
RESPIRATORY DISEASE																			
Pneumonia/ Influenza	19.9	12.9	--	--	0	0	0	0	0	0	1	0	2	1	4	4	7	5	12
Chronic obstructive pulmonary disease	83.1	75.4	--	--	0	0	0	0	3	0	8	7	24	14	51	22	86	43	129
TOTAL	65.4	51.2	--	--	0	0	0	0	3	0	9	7	26	15	55	26	93	48	141
INTESTINAL DISEASE																			
TOTAL (Ulcers)	48.8	36.7	--	--	0	0	0	0	0	0	0	0	1	0	1	1	2	1	3
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birthweight and short gestation	24.7	20.6	1	0	--	--	--	--	--	--	--	--	--	--	--	--	1	0	1
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	1
TOTAL	26.7	22.4	1	1	--	--	--	--	--	--	--	--	--	--	--	--	1	1	1
INJURY																			
TOTAL (Fire injury)	28.0	28.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL ACTIVE SMOKERS	37.8	24.0	1	1	1	0	8	7	75	27	119	45	126	57	128	69	459	206	665
PASSIVE SMOKERS																			
Lung cancer	1.5	1.4	--	--	0	0	0	0	1	0	1	1	1	0	0	0	3	2	4
Ischaemic heart disease	1.6	1.2	--	--	0	0	0	0	1	0	1	0	2	1	2	2	6	4	10
TOTAL PASSIVE SMOKERS	1.6	1.3	--	--	0	0	0	0	1	1	2	1	3	2	2	2	9	5	14
OVERALL			1	1	1	0	9	7	76	28	122	46	129	58	130	71	468	212	680

* deaths in the 60-69 yrs age category were apportioned to <64 or >=65.

Table I-S-12. Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in Yukon, 2002

CONDITION	SAF %		Number of deaths														TOTAL	OVERALL		
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs				TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M	F
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	57.0	47.2	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Oesophageal cancer	48.4	38.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Stomach cancer	16.1	11.7	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pancreatic cancer	17.1	12.7	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laryngeal cancer	67.0	59.1	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trachea, bronchus and lung cancers	88.6	62.5	--	--	0	0	0	0	2	1	3	2	4	1	0	0	8	4	12	
Cervical cancer	--	34.7	--	--	--	0	--	0	--	0	--	0	--	0	--	0	--	0	0	0
Urinary tract cancer	55.1	36.9	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Renal cell carcinoma	26.5	6.8	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bladder cancer	67.9	51.3	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Acute myeloid leukemia	15.7	13.1	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	60.9	43.2	--	--	0	0	0	0	2	1	4	2	4	1	0	1	10	5	15	
TOBACCO ABUSE																				
TOTAL	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.9	45.1	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	0	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1	0	--	--	--	--	--	--	1	0	1	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	0	0	--	--	--	--	0	0	1	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	1	0	--	--	1	0	1	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0	0	
Pulmonary circulatory disease	83.3	76.5	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Cardiac arrhythmias																				
Age < 45 yrs	50.9	43.8	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	0	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	0	0	--	--	--	--	--	--	0	0	0	
60-69 yrs	29.1	10.5	--	--	--	--	--	--	--	--	0	0	--	--	--	--	0	0	0	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	0	0	--	--	0	0	0	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0	0	
Heart Failure																				
Age < 45 yrs	50.8	44.2	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	0	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	0	0	--	--	--	--	--	--	0	0	0	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	0	0	--	--	--	--	0	0	0	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	0	0	--	--	0	0	0	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0	0	

Table I-S-12. Continued

CONDITION	SAF %		Number of deaths																OVERALL
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		TOTAL		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Cerebrovascular diseases*																			
Age < 65 yrs	39.2	35.2	--	--	0	0	0	0	0	0	0	0	--	--	--	--	0	0	1
>= 65 yrs	14.3	9.6	--	--	--	--	--	--	--	--	0	0	0	0	0	0	1	0	1
Atherosclerosis	31.6	31.3	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL	18.7	11.3	--	--	0	0	0	1	2	0	1	0	1	0	1	1	4	2	7
RESPIRATORY DISEASE																			
Pneumonia/ Influenza	19.9	12.9	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic obstructive pulmonary disease	83.1	75.4	--	--	0	0	0	0	0	0	0	0	1	2	1	0	2	2	3
TOTAL	65.4	51.2	--	--	0	0	0	0	0	0	0	0	1	2	1	0	2	2	4
INTESTINAL DISEASE																			
TOTAL (Ulcers)	48.8	36.7	--	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birthweight and short gestation	24.7	20.6	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
TOTAL	26.7	22.4	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
INJURY																			
TOTAL (Fire injury)	28.0	28.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ACTIVE SMOKERS	37.8	24.0	0	0	0	0	0	1	4	1	4	3	6	3	2	1	17	9	26
PASSIVE SMOKERS																			
Lung cancer	1.5	1.4	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ischaemic heart disease	1.6	1.2	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL PASSIVE SMOKERS	1.6	1.3	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OVERALL			0	0	0	0	0	1	4	1	5	3	6	3	2	1	17	9	26

* deaths in the 60-69 yrs age category were apportioned to <64 or >=65.

Table I-S-13. Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in Northwest Territories, 2002

CONDITION	SAF %		Number of deaths														TOTAL	OVERALL		
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs				TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			M	F
ACTIVE SMOKERS																				
MALIGNANT NEOPLASMS																				
Oropharyngeal cancer	57.0	47.2	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Oesophageal cancer	48.4	38.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Stomach cancer	16.1	11.7	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pancreatic cancer	17.1	12.7	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Laryngeal cancer	67.0	59.1	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trachea, bronchus and lung cancers	88.6	62.5	--	--	0	0	0	1	1	1	1	1	0	1	3	0	4	4	8	
Cervical cancer	--	34.7	--	--	--	0	--	0	--	0	--	0	--	0	--	0	--	0	0	
Urinary tract cancer	55.1	36.9	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Renal cell carcinoma	26.5	6.8	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bladder cancer	67.9	51.3	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Acute myeloid leukemia	15.7	13.1	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	60.9	43.2	--	--	0	0	0	1	2	1	2	2	1	1	3	1	7	5	12	
TOBACCO ABUSE																				
TOTAL	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CARDIOVASCULAR DISEASES																				
Ischaemic heart disease																				
Age < 45 yrs	51.9	45.1	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	0	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	1	0	--	--	--	--	--	--	1	0	1	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	2	0	--	--	--	--	2	0	3	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	1	0	--	--	1	0	1	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0	0	
Pulmonary circulatory disease	83.3	76.5	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Cardiac arrhythmias																				
Age < 45 yrs	50.9	43.8	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	0	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	0	0	--	--	--	--	--	--	0	0	0	
60-69 yrs	29.1	10.5	--	--	--	--	--	--	--	--	0	0	--	--	--	--	0	0	0	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	0	0	--	--	0	0	0	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0	0	
Heart Failure																				
Age < 45 yrs	50.8	44.2	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	0	
45-59 yrs	42.2	37.3	--	--	--	--	--	--	0	0	--	--	--	--	--	--	0	0	0	
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	0	0	--	--	--	--	0	0	0	
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	0	0	--	--	0	0	0	
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0	0	

Table I-S-13. Continued

CONDITION	SAF %		Number of deaths																OVERALL
	(all ages)		0-14 Yrs		15-29 Yrs		30-44 Yrs		45-59 Yrs		60-69 Yrs		70-79 Yrs		80+ Yrs		TOTAL		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Cerebrovascular diseases*																			
Age < 65 yrs	39.2	35.2	--	--	0	0	0	0	0	0	0	0	--	--	--	--	0	0	1
>= 65 yrs	14.3	9.6	--	--	--	--	--	--	--	--	0	0	0	0	0	0	0	0	1
Atherosclerosis	31.6	31.3	--	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL	18.7	11.3	--	--	0	0	0	0	1	0	3	0	1	0	1	1	6	2	8
RESPIRATORY DISEASE																			
Pneumonia/ Influenza	19.9	12.9	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic obstructive pulmonary disease	83.1	75.4	--	--	0	0	0	0	0	0	0	2	2	1	4	1	7	3	10
TOTAL	65.4	51.2	--	--	0	0	0	0	0	0	0	2	3	1	4	1	7	3	10
INTESTINAL DISEASE																			
TOTAL (Ulcers)	48.8	36.7	--	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONDITIONS ARISING DURING THE PERINATAL PERIOD																			
Low birthweight and short gestation	24.7	20.6	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
TOTAL	26.7	22.4	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
INJURY																			
TOTAL (Fire injury)	28.0	28.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ACTIVE SMOKERS	37.8	24.0	0	0	0	0	0	1	3	1	5	4	4	2	8	2	20	10	30
PASSIVE SMOKERS																			
Lung cancer	1.5	1.4	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ischaemic heart disease	1.6	1.2	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL PASSIVE SMOKERS	1.6	1.3	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OVERALL			0	0	0	0	0	1	3	1	5	4	4	2	8	2	21	10	31

* deaths in the 60-69 yrs age category were apportioned to <64 or >=65.

Table I-S-14 Smoking-attributable fractions and number of deaths attributable to tobacco by sex, age and disease category in Nunavut, 2002

CONDITION	SAF %		Number of deaths														TOTAL		OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
ACTIVE SMOKERS																			
MALIGNANT NEOPLASMS																			
Oropharyngeal cancer	57.0	47.2	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oesophageal cancer	48.4	38.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stomach cancer	16.1	11.7	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pancreatic cancer	17.1	12.7	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laryngeal cancer	67.0	59.1	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trachea, bronchus and lung cancers	88.6	62.5	--	--	0	0	0	0	2	0	3	3	5	1	1	0	11	4	15
Cervical cancer	--	34.7	--	--	--	0	--	0	--	0	--	0	--	0	--	0	--	0	0
Urinary tract cancer	55.1	36.9	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Renal cell carcinoma	26.5	6.8	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bladder cancer	67.9	51.3	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute myeloid leukemia	15.7	13.1	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	60.9	43.2	--	--	0	0	0	0	2	0	3	3	6	1	1	1	12	5	17
TOBACCO ABUSE																			
TOTAL	100.0	100.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARDIOVASCULAR DISEASE																			
Ischaemic heart disease																			
Age < 45 yrs	51.9	45.1	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	0
45-59 yrs	42.2	37.3	--	--	--	--	--	--	0	0	--	--	--	--	--	--	0	0	0
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	0	0	--	--	--	--	0	0	0
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	0	0	--	--	0	0	0
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0	0
Pulmonary circulatory disease	83.3	76.5	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cardiac arrhythmias																			
Age < 45 yrs	50.9	43.8	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	0
45-59 yrs	42.2	37.3	--	--	--	--	--	--	0	0	--	--	--	--	--	--	0	0	0
60-69 yrs	29.1	10.5	--	--	--	--	--	--	--	--	0	0	--	--	--	--	0	0	0
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	0	0	--	--	0	0	0
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0	0
Heart failure																			
Age < 45 yrs	50.8	44.2	--	--	0	0	0	0	--	--	--	--	--	--	--	--	0	0	0
45-59 yrs	42.2	37.3	--	--	--	--	--	--	0	0	--	--	--	--	--	--	0	0	0
60-69 yrs	29.1	23.4	--	--	--	--	--	--	--	--	0	0	--	--	--	--	0	0	0
70-79 yrs	10.0	7.3	--	--	--	--	--	--	--	--	--	--	0	0	--	--	0	0	0
80+ yrs	8.9	5.1	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0	0

Table I-S-14. Continued

CONDITION	SAF %		Number of deaths																TOTAL	OVERALL
	(all ages)		0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		M	F		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebrovascular diseases*																				
Age < 65 yrs	39.2	35.2	--	--	0	0	0	0	0	0	0	0	--	--	--	--	0	0	0	
>= 65 yrs	14.3	9.6	--	--	--	--	--	--	--	0	0	0	0	0	0	0	0	0	0	
Atherosclerosis	31.6	31.3	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL					0	0	0	0	1	0	0	0	0	0	0	0	2	1	3	
RESPIRATORY DISEASE																				
Pneumonia/ Influenza	19.9	12.9	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chronic obstructive pulmonary disease	83.1	75.4	--	--	0	0	1	0	0	1	0	0	0	1	0	2	1	4	5	
TOTAL	65.4	51.2	--	--	0	0	1	0	0	1	0	0	0	1	0	2	1	4	5	
INTESTINAL DISEASE																				
TOTAL (Ulcers)	48.8	36.7	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CONDITIONS ARISING DURING THE PERINATAL PERIOD																				
Low birthweight and short gestation	24.7	20.6	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
Sudden infant death syndrome	31.2	26.5	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
TOTAL	26.7	22.4	0	0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	
INJURY																				
TOTAL (Fire injury)	28.0	28.0	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL ACTIVE SMOKERS	37.8	24.0	0	0	0	0	1	0	3	1	3	3	6	3	1	3	15	10	25	
PASSIVE SMOKERS																				
Lung cancer	1.5	1.4	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ischaemic heart disease	1.6	1.2	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL PASSIVE SMOKERS	1.6	1.3	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OVERALL			0	0	0	0	1	0	3	1	3	3	6	3	1	3	15	10	25	

* deaths in the 60-69 yrs age category were apportioned to <64 or >=65.

Table E-P-1. Potential years of life lost due to alcohol by sex and age in provinces, territories, and Canada, 2002

	M	F	TOTAL
CANADA			
0-14 yrs	3,413	1,933	5,345
15-29 yrs	37,071	7,416	44,487
30-44 yrs	33,664	9,787	43,451
45-59 yrs	27,325	11,840	39,165
60-69 yrs	8,630	3,954	12,584
70-79 yrs	3,391	1,080	4,471
80+ yrs	-114	-1,819	-1,933
TOTAL	113,380	34,191	147,571
PROVINCES			
British Columbia	16,269	4,810	21,079
Alberta	12,636	3,601	16,237
Saskatchewan	4,207	1,281	5,487
Manitoba	4,322	1,540	5,862
Ontario	36,907	11,721	48,628
Quebec	30,040	8,628	38,668
New Brunswick	2,939	893	3,832
Nova Scotia	3,283	1,026	4,309
Prince Edward Island	599	126	725
Newfoundland	1,566	410	1,976
Yukon	182	53	235
Northwest Territories	131	63	193
Nunavut	301	40	340
TOTAL	113,380	34,191	147,571

Table E-P-2. Potential years of life lost due to illegal drugs by sex and age in provinces, territories, and Canada, 2002

	M	F	TOTAL
CANADA			
0-14 yrs	1,675	703	2,378
15-29 yrs	12,927	5,679	18,606
30-44 yrs	15,154	7,312	22,466
45-59 yrs	10,677	4,681	15,358
60-69 yrs	1,588	1,025	2,613
70-79 yrs	228	312	540
80+ yrs	58	91	149
TOTAL	42,306	19,805	62,110
PROVINCES			
British Columbia	5,548	2,590	8,138
Alberta	4,404	1,982	6,386
Saskatchewan	1,346	623	1,969
Manitoba	1,542	715	2,257
Ontario	15,827	7,497	23,324
Quebec	10,283	4,803	15,086
New Brunswick	1,043	496	1,539
Nova Scotia	1,258	603	1,861
Prince Edward Island	190	88	278
Newfoundland	728	348	1,076
Yukon	45	20	65
Northwest Territories	56	24	79
Nunavut	37	16	53
TOTAL	42,306	19,805	62,110

Table E-P-3. Potential years of life lost due to tobacco by sex and age in provinces, territories, and Canada, 2002

	M	F	TOTAL
CANADA			
0-14 yrs	3,978	2,459	6,438
15-29 yrs	2,151	1,750	3,902
30-44 yrs	20,888	13,163	34,051
45-59 yrs	96,954	54,633	151,587
60-69 yrs	85,672	47,643	133,315
70-79 yrs	69,335	46,486	115,821
80+ yrs	37,438	33,056	70,493
TOTAL	316,417	199,191	515,607
PROVINCES			
British Columbia	36,929	3,326	40,255
Alberta	26,637	1,000	27,637
Saskatchewan	9,700	7,187	16,887
Manitoba	11,020	4,998	16,017
Ontario	112,891	71,413	184,304
Quebec	90,772	7,145	97,917
New Brunswick	8,783	6,382	15,165
Nova Scotia	10,869	16,788	27,656
Prince Edward Island	1,687	24,468	26,155
Newfoundland	6,343	170	6,513
Yukon	266	200	465
Northwest Territories	267	159	427
Nunavut	254	55,956	56,210
TOTAL	316,417	199,191	515,607

Table APP-1. Prevalence of alcohol consumption in Canada, by age, sex, and drinking category

DRINKING CATEGORIES	15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Abstention and very light drinking*	0.302	0.590	0.351	0.621	0.400	0.653	0.450	0.684	0.483	0.705	0.515	0.726	0.404	0.669
Drinking Category I*	0.516	0.348	0.486	0.310	0.455	0.271	0.424	0.232	0.404	0.207	0.383	0.181	0.468	0.249
Drinking Category II*	0.087	0.032	0.082	0.043	0.076	0.055	0.071	0.066	0.067	0.074	0.064	0.082	0.065	0.063
Drinking Category III*	0.094	0.030	0.081	0.026	0.068	0.022	0.055	0.018	0.046	0.015	0.038	0.011	0.063	0.019
TOTAL	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

* The drinking categories were based on the following definitions

DRINKING CATEGORIES	M	F
Abstainer or very light drinker	0 - < 0.25 g/day	0 - < 0.25g/day
Drinking Category I	0.25 - < 40g/day	0.25- < 20g/day
Drinking Category II	40 - < 60g/day	20 - < 40g/day
Drinking Category III	60+ g/day	40+ g/day

Table APP-10. Relative risks used for estimation of alcohol-attributable fractions, morbidity and mortality

CONDITION	Alcohol exposure					
	Low		Hazardous		Harmful	
	M	F	M	F	M	F
MALIGNANT NEOPLASMS						
Mouth and oropharynx cancers	1.45	1.45	1.85	1.85	5.39	5.39
Stomach cancer	1.07	1.04	1.15	1.08	1.32	1.16
Oesophageal cancers	1.80	1.80	2.38	2.38	4.36	4.36
Liver cancer	1.45	1.45	3.03	3.03	3.60	3.60
Laryngeal cancer	1.83	1.83	3.90	3.90	4.93	4.93
Breast cancer						
< 45 yrs	--	1.15	--	1.41	--	1.46
>= 45 yrs	--	1.14	--	1.38	--	1.62
Other neoplasms	1.10	1.10	1.30	1.30	1.70	1.70
DIABETES						
Diabetes mellitus	0.99	0.92	0.57	0.87	0.73	1.13
NEURO-PSYCHIATRIC CONDITIONS						
Epilepsy	1.23	1.34	7.52	7.22	6.83	7.52
CARDIOVASCULAR DISEASES						
Hypertensive disease	1.15	1.33	1.53	2.04	2.19	2.91
Ischaemic heart disease	0.82	0.82	0.83	0.83	1.00	1.12
Cardiac arrhythmias	1.51	1.51	2.23	2.23	2.23	2.23
Cerebrovascular diseases	0.97	0.70	1.08	0.80	1.76	1.96
<i>Ischaemic stroke</i>	<i>0.94</i>	<i>0.66</i>	<i>1.13</i>	<i>0.84</i>	<i>1.19</i>	<i>1.53</i>
<i>Haemorrhagic stroke</i>	<i>1.12</i>	<i>0.74</i>	<i>1.40</i>	<i>1.04</i>	<i>1.54</i>	<i>1.94</i>
Oesophageal varices	1.26	1.26	9.54	9.54	9.54	9.54
DIGESTIVE DISEASES						
Cirrhosis of the liver	1.30	1.30	9.05	9.50	13.00	13.00
Cholethiasis	0.82	0.82	0.68	0.68	0.50	0.50
Acute and chronic pancreatitis	1.30	1.30	1.80	1.80	3.20	1.80
SKIN DISEASES						
Psoriasis	1.58	1.58	1.60	1.60	2.20	2.20
CONDITIONS ARISING DURING THE PERINATAL PERIOD						
Low birth weight	--	1.00	--	1.40	--	1.40

Categories in italic are sub-categories of immediate prior category

Table APP-11. Relative risks used for estimation of smoking-attributable fractions, morbidity and mortality

CONDITION	SEX	EVER	NEVER	CURRENT	FORMER	DAILY SMOKER			
						1-14 cig/d	15-24 cig/d	25+ cig/d	
Oropharyngeal cancer	M/F	--	1.00	4.55	1.76	3.41	12.50	5.97	
Oesophageal cancer	M/F	--	1.00	4.01	1.79	3.20	4.00	4.90	
Pancreatic cancer	M/F	--	1.00	1.86	1.15	1.65	1.69	1.98	
Laryngeal cancer	M/F	--	1.00	7.48	2.86	4.27	5.87	12.60	
Atherosclerosis	M/F	--	1.00	2.54	1.82	1.96	2.54	2.58	
Pneumonia/ Influenza	M/F	--	1.00	1.47	1.29	1.45	1.32	1.56	
Ulcer	M/F	--	1.00	2.07	2.24	1.69	2.38	1.90	
Ischaemic heart disease									
Cardiac arrhythmias									
Heart failure									
Age < 45 yrs	M/F	--	1.00	2.50	1.45	2.76	4.50	6.04	
45-59 yrs	M/F	--	1.00	1.90	1.45	2.06	3.10	3.96	
60-69 yrs	M/F	--	1.00	1.50	1.45	1.55	1.80	1.97	
70-79 yrs	M/F	--	1.00	1.20	1.12	1.22	1.30	1.35	
80+ yrs	M/F	--	1.00	1.10	1.12	1.11	1.15	1.18	
Cerebrovascular diseases									
Age < 65 yrs	M/F	--	1.00	3.12	1.30	2.72	2.76	3.75	
>= 65 yrs	M/F	--	1.00	1.65	1.15	--	--	--	
Chronic obstructive pulmonary disease	M/F	--	1.00	9.80	6.70	--	--	--	
Pulmonary circulatory disease	M/F	--	1.00	9.80	6.70	--	--	--	
						<20 cig/d	>=20 cig/d		
Urinary tract cancer	M	--	1.00	3.18	2.90	2.66	3.51		
	F	--	1.00	2.90	1.34	1.66	2.48		
						<=20 cig/d	>20 cig/d		
Stomach cancer	M/F	--	1.00	1.47	1.18	1.49	1.67		
						<=5 cig/d	>5 cig/d		
Cervical cancer	F	--	1.00	2.30	1.80	1.89	2.23		
						1-9 cig/d	10-20cigs/d	>20 cig/d	
Renal cell carcinoma	M	--	1.00	1.59	1.37	1.60	1.83	2.03	
	F	--	1.00	1.27	1.09	0.98	1.38	1.58	
Low birthweight and short gestation (maternal use)	F	--	--	2.04	--	1.78	2.24	2.78	
Sudden infant death syndrome (maternal use)	F	--	--	2.76	--	2.21	2.58	3.28	
Bladder cancer	M	3.63	1.00						
	F	3.10	1.00						
Acute myeloid leukemia	M/F	1.40	1.00						
						<20 py	20-29 py	30-39 py	40+ py
Lung cancer (active smoker)	M	--	1.00	23.90	7.50	11.04	18.17	27.91	37.08
	F	--	1.00	8.70	2.00	3.45	8.81	18.09	19.61
Lung cancer (passive smoker)	M	1.21	1.00						
	F	1.21	1.00						
Ischaemic heart disease (passive smoker)	M/F	1.24	1.00						

Table APP-12. Alcohol-attributable fractions for morbidity attributable to alcohol by cause, age and gender in provinces, territories and Canada, 2002

CONDITION	Alcohol-attributable fractions													
	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
MALIGNANT NEOPLASMS														
Mouth and oropharynx cancers	--	--	0.418	0.240	0.392	0.225	0.362	0.210	0.330	0.193	0.306	0.182	0.282	0.166
Oesophageal cancers	--	--	0.459	0.297	0.436	0.283	0.411	0.268	0.383	0.252	0.363	0.241	0.343	0.228
Liver cancer	--	--	0.395	0.231	0.373	0.227	0.349	0.225	0.323	0.222	0.304	0.220	0.286	0.217
Laryngeal cancer	--	--	0.512	0.333	0.490	0.326	0.464	0.320	0.436	0.313	0.415	0.308	0.395	0.301
Breast cancer	--	--		0.073		0.071		0.068		0.064		0.062		0.060
Other neoplasms	--	--	0.125	0.061	0.115	0.058	0.104	0.056	0.093	0.053	0.085	0.051	0.078	0.048
DIABETES														
Diabetes Mellitus	--	--	-0.073	-0.029	-0.066	-0.028	-0.059	-0.027	-0.052	-0.025	-0.047	-0.025	-0.043	-0.024
NEURO-PSYCHIATRIC CONDITIONS														
Alcoholic psychoses	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Alcohol dependence syndrome	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Alcohol abuse	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Unipolar major depression	--	--	0.140	0.019	0.126	0.021	0.111	0.024	0.097	0.026	0.087	0.027	0.079	0.029
Degeneration of nervous system due to alcohol	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Epilepsy	--	--	0.552	0.339	0.528	0.352	0.499	0.366	0.468	0.378	0.444	0.386	0.421	0.391
Alcoholic polyneuropathy	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CARDIO VASCULAR DISEASES														
Hypertensive disease	--	--	0.306	0.095	0.286	0.091	0.264	0.088	0.247	0.084	0.225	0.081	0.210	0.077
Ischaemic heart disease	--	--	-0.121	-0.069	-0.113	-0.064	-0.105	-0.059	-0.097	-0.054	-0.092	-0.050	-0.087	-0.047
Alcoholic cardiomyopathy	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Cardiac arrhythmias	--	--	0.327	0.202	0.310	0.195	0.290	0.189	0.271	0.181	0.257	0.177	0.243	0.171
Cerebrovascular disease	--	--	0.059	-0.089	0.051	-0.083	0.042	-0.077	0.034	-0.070	0.027	-0.067	0.022	-0.064
<i>Ischaemic stroke</i>	--	--	<i>-0.002</i>	<i>-0.120</i>	<i>-0.003</i>	<i>-0.109</i>	<i>-0.005</i>	<i>-0.098</i>	<i>-0.006</i>	<i>-0.087</i>	<i>-0.007</i>	<i>-0.080</i>	<i>-0.007</i>	<i>-0.074</i>
<i>Haemorrhagic stroke</i>	--	--	<i>0.129</i>	<i>-0.065</i>	<i>0.119</i>	<i>-0.058</i>	<i>0.109</i>	<i>-0.050</i>	<i>0.098</i>	<i>-0.042</i>	<i>0.091</i>	<i>-0.038</i>	<i>0.084</i>	<i>-0.035</i>
Oesophageal varices	--	--	0.627	0.383	0.603	0.401	0.574	0.421	0.543	0.437	0.517	0.449	0.493	0.457
DIGESTIVE DISEASES														
Alcoholic gastritis	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Cirrhosis of the liver	--	--	0.665	0.424	0.640	0.435	0.610	0.448	0.576	0.458	0.548	0.466	0.521	0.469
Cholethiasis	--	--	-0.202	-0.096	-0.182	-0.090	-0.163	-0.084	-0.145	-0.077	-0.133	-0.073	-0.122	-0.069
Acute and chronic pancreatitis	--	--	0.301	0.133	0.280	0.129	0.258	0.125	0.234	0.120	0.216	0.118	0.200	0.114
Chronic pancreatitis (alcohol induced)	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKIN DISEASES														
Psoriasis	--	--	0.317	0.204	0.300	0.191	0.281	0.178	0.262	0.164	0.248	0.154	0.234	0.143

Table APP-12. Continued

CONDITION	Alcohol-attributable fractions													
	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
CONDITIONS ARISING DURING THE PERINATAL PERIOD														
Low birth weight	0.068	0.068	--	--	--	--	--	--	--	--	--	--	--	--
Fetal alcohol syndrome	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Excess blood alcohol	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
UNINTENTIONAL INJURIES														
Motor vehicle accidents	0.143	0.095	0.345	0.127	0.354	0.169	0.195	0.149	0.110	0.078	0.110	0.078	0.110	0.078
Poisonings	0.000	0.000	0.188	0.151	0.096	0.090	0.105	0.105	0.073	0.069	0.039	0.035	0.039	0.035
<i>Accidental poisoning & exposure to alcohol</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>
Falls	0.000	0.000	0.145	0.091	0.135	0.084	0.149	0.149	0.078	0.043	0.056	0.017	0.056	0.017
Fires	0.155	0.155	0.241	0.114	0.207	0.103	0.172	0.083	0.138	0.062	0.117	0.052	0.097	0.041
Drownings	0.000	0.000	0.169	0.163	0.185	0.180	0.204	0.204	0.117	0.112	0.117	0.112	0.117	0.112
Other unintentional injuries	0.096	0.027	0.188	0.151	0.174	0.140	0.161	0.161	0.112	0.086	0.112	0.086	0.112	0.086
INTENTIONAL INJURIES														
Self-inflicted injuries	0.000	0.000	0.097	0.067	0.090	0.062	0.074	0.074	0.052	0.039	0.022	0.022	0.022	0.022
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>
Homicide	0.080	0.080	0.175	0.175	0.163	0.163	0.180	0.180	0.125	0.125	0.125	0.125	0.125	0.125
Other Intentional injuries	0.000	0.000	0.133	0.133	0.124	0.124	0.136	0.136	0.095	0.095	0.048	0.048	0.048	0.048
Ethanol and methanol toxicity, undetermined intent	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Categories in italic are subcategories of immediate prior category

Table APP-13. Alcohol-attributable fractions for mortality attributable to alcohol by cause, age and gender in provinces, territories and Canada, 2002

CONDITION	Alcohol-attributable fractions													
	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
MALIGNANT NEOPLASMS														
Mouth and oropharynx cancers	--	--	0.418	0.240	0.392	0.225	0.362	0.210	0.330	0.193	0.306	0.182	0.282	0.166
Oesophageal cancers	--	--	0.459	0.297	0.436	0.283	0.411	0.268	0.383	0.252	0.363	0.241	0.343	0.228
Liver cancer	--	--	0.395	0.231	0.373	0.227	0.349	0.225	0.323	0.222	0.304	0.220	0.286	0.217
Laryngeal cancer	--	--	0.512	0.333	0.490	0.326	0.464	0.320	0.436	0.313	0.415	0.308	0.395	0.301
Breast cancer	--	--	--	0.073	--	0.071	--	0.068	--	0.064	--	0.062	--	0.060
Other neoplasms	--	--	0.125	0.061	0.115	0.058	0.104	0.056	0.093	0.053	0.085	0.051	0.078	0.048
DIABETES														
Diabetes Mellitus	--	--	-0.073	-0.029	-0.066	-0.028	-0.059	-0.027	-0.052	-0.025	-0.047	-0.025	-0.043	-0.024
NEURO-PSYCHIATRIC CONDITIONS														
Alcoholic psychoses	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Alcohol dependence syndrome	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Alcohol abuse	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Unipolar major depression	--	--	0.140	0.019	0.126	0.021	0.111	0.024	0.097	0.026	0.087	0.027	0.079	0.029
Degeneration of nervous system due to alcohol	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Epilepsy	--	--	0.552	0.339	0.528	0.352	0.499	0.366	0.468	0.378	0.444	0.386	0.421	0.391
Alcoholic polyneuropathy	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CARDIO VASCULAR DISEASES														
Hypertensive disease	--	--	0.306	0.095	0.286	0.091	0.264	0.088	0.247	0.084	0.225	0.081	0.210	0.077
Ischaemic heart disease	--	--	-0.121	-0.069	-0.113	-0.064	-0.105	-0.059	-0.097	-0.054	-0.092	-0.050	-0.087	-0.047
Alcoholic cardiomyopathy	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Cardiac arrhythmias	--	--	0.327	0.202	0.310	0.195	0.290	0.189	0.271	0.181	0.257	0.177	0.243	0.171
Cerebrovascular disease	--	--	0.059	-0.089	0.051	-0.083	0.042	-0.077	0.034	-0.070	0.027	-0.067	0.022	-0.064
Ischaemic stroke	--	--	-0.002	-0.120	-0.003	-0.109	-0.005	-0.098	-0.006	-0.087	-0.007	-0.080	-0.007	-0.074
Haemorrhagic stroke	--	--	0.129	-0.065	0.119	-0.058	0.109	-0.050	0.098	-0.042	0.091	-0.038	0.084	-0.035
Oesophageal varices	--	--	0.627	0.383	0.603	0.401	0.574	0.421	0.543	0.437	0.517	0.449	0.493	0.457
DIGESTIVE DISEASES														
Alcoholic gastritis	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Cirrhosis of the liver	--	--	0.665	0.424	0.640	0.435	0.610	0.448	0.576	0.458	0.548	0.466	0.521	0.469
Cholelithiasis	--	--	-0.202	-0.096	-0.182	-0.090	-0.163	-0.084	-0.145	-0.077	-0.133	-0.073	-0.122	-0.069
Acute and chronic pancreatitis	--	--	0.301	0.133	0.280	0.129	0.258	0.125	0.234	0.120	0.216	0.118	0.200	0.114
Chronic pancreatitis (alcohol induced)	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
SKIN DISEASES														
Psoriasis	--	--	0.317	0.204	0.300	0.191	0.281	0.178	0.262	0.164	0.248	0.154	0.234	0.143

Table APP-13. Continued

CONDITION	Alcohol-attributable fractions													
	0-14 yrs		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
CONDITIONS ARISING DURING THE PERINATAL PERIOD (MATERNAL USE)														
Low birth weight & short gestation	0.068	0.068	--	--	--	--	--	--	--	--	--	--	--	--
Fetal alcohol syndrome	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Excess blood alcohol level	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
UNINTENTIONAL INJURIES														
Motor vehicle accidents	0.215	0.143	0.517	0.190	0.531	0.253	0.293	0.223	0.165	0.117	0.165	0.117	0.165	0.117
Poisonings	0.000	0.000	0.422	0.340	0.215	0.202	0.237	0.237	0.165	0.156	0.088	0.078	0.088	0.078
<i>Accidental poisoning & exposure to alcohol</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>
Falls	0.000	0.000	0.326	0.204	0.303	0.190	0.335	0.335	0.175	0.097	0.126	0.039	0.126	0.039
Fires	0.349	0.349	0.543	0.256	0.465	0.233	0.388	0.186	0.310	0.140	0.264	0.116	0.217	0.093
Drownings	0.000	0.000	0.381	0.367	0.417	0.405	0.460	0.460	0.263	0.253	0.263	0.253	0.263	0.253
Other unintentional injuries	0.215	0.060	0.422	0.340	0.392	0.316	0.363	0.363	0.253	0.194	0.253	0.194	0.253	0.194
INTENTIONAL INJURIES														
Self-inflicted injuries	0.000	0.000	0.218	0.150	0.202	0.139	0.167	0.167	0.117	0.088	0.049	0.049	0.049	0.049
<i>Intentional self-poisoning by and exposure to alcohol</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>	<i>1.000</i>
Homicide	0.179	0.179	0.394	0.394	0.367	0.367	0.404	0.404	0.282	0.282	0.282	0.282	0.282	0.282
Other Intentional injuries	0.000	0.000	0.299	0.299	0.278	0.278	0.307	0.307	0.214	0.214	0.107	0.107	0.107	0.107
Ethanol and methanol toxicity	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Categories in italics are sub-categories of immediate prior category

Table APP-15. Smoking-attributable fractions for mortality or morbidity by sex, age and disease category in provinces, territories and Canada, 2002

CONDITION/ CAUSE OF DEATH	Smoking-attributable fractions													
	<1 yr		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
ACTIVE SMOKERS														
MALIGNANT NEOPLASMS														
Oropharyngeal cancer	--	--	0.630	0.561	0.669	0.608	0.662	0.614	0.581	0.519	0.509	0.460	0.476	0.362
Oesophageal cancer	--	--	0.518	0.476	0.550	0.500	0.547	0.503	0.495	0.432	0.456	0.382	0.441	0.318
Stomach cancer	--	--	0.128	0.185	0.189	0.164	0.191	0.167	0.171	0.138	0.151	0.114	0.147	0.091
Pancreatic cancer	--	--	0.216	0.190	0.230	0.196	0.221	0.194	0.186	0.153	0.153	0.122	0.143	0.092
Laryngeal cancer	--	--	0.686	0.642	0.727	0.677	0.729	0.686	0.678	0.616	0.653	0.571	0.640	0.505
Trachea, bronchus and lung cancers	--	--	0.860	0.579	0.884	0.645	0.904	0.720	0.897	0.678	0.877	0.614	0.872	0.493
Cervical cancer	--	--	--	0.346	--	0.378	--	0.386	--	0.349	--	0.317	--	0.275
Urinary tract cancer	--	--	0.587	0.517	0.685	0.485	0.686	0.486	0.608	0.419	0.519	0.374	0.483	0.314
Renal cell carcinoma	--	--	0.245	0.084	0.280	0.103	0.291	0.107	0.273	0.083	0.253	0.064	0.248	0.047
Bladder cancer	--	--	0.599	0.524	0.647	0.570	0.675	0.583	0.682	0.559	0.679	0.526	0.681	0.485
Acute myeloid leukemia	--	--	0.185	0.174	0.218	0.202	0.240	0.210	0.246	0.194	0.243	0.175	0.245	0.152
TOBACCO ABUSE														
Tobacco abuse	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Toxic effect of tobacco and nicotine	--	--	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
CARDIOVASCULAR DISEASES														
Ischaemic heart disease														
Age < 45 yrs	--	--	0.466	0.406	0.521	0.453	--	--	--	--	--	--	--	--
45-59 yrs	--	--	--	--	--	--	0.422	0.373	--	--	--	--	--	--
60-69 yrs	--	--	--	--	--	--	--	--	0.291	0.234	--	--	--	--
70-79 yrs	--	--	--	--	--	--	--	--	--	--	0.100	0.073	--	--
80+ yrs	--	--	--	--	--	--	--	--	--	--	--	--	0.089	0.051
Pulmonary circulatory disease														
Age < 45 yrs	--	--	0.808	0.792	0.831	0.813	0.841	0.819	0.838	0.796	0.830	0.769	0.829	0.733
Cardiac arrhythmias														
Age < 45 yrs	--	--	0.466	0.406	0.521	0.453	--	--	--	--	--	--	--	--
45-59 yrs	--	--	--	--	--	--	0.422	0.373	--	--	--	--	--	--
60-69 yrs	--	--	--	--	--	--	--	--	0.291	0.234	--	--	--	--
70-79 yrs	--	--	--	--	--	--	--	--	--	--	0.100	0.073	--	--
80+ yrs	--	--	--	--	--	--	--	--	--	--	--	--	0.089	0.051
Heart failure														
Age < 45 yrs	--	--	0.466	0.406	0.521	0.453	--	--	--	--	--	--	--	--
45-59 yrs	--	--	--	--	--	--	0.422	0.373	--	--	--	--	--	--
60-69 yrs	--	--	--	--	--	--	--	--	0.291	0.234	--	--	--	--
70-79 yrs	--	--	--	--	--	--	--	--	--	--	0.100	0.073	--	--
80+ yrs	--	--	--	--	--	--	--	--	--	--	--	--	0.089	0.051

Table APP-15. Continued

CONDITION/ CAUSE OF DEATH	Smoking-attributable fractions													
	<1 yr		15-29 yrs		30-44 yrs		45-59 yrs		60-69 yrs		70-79 yrs		80+ yrs	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Cerebrovascular diseases*														
Age < 65 yrs	--	--	0.388	0.391	0.428	0.376	0.412	0.373	0.347	0.299	--	--	--	--
>= 65 yrs	--	--	--	--	--	--	--	--	0.172	0.142	0.145	0.116	0.137	0.088
Atherosclerosis	--	--	0.371	0.426	0.390	0.444	0.399	0.427	0.358	0.414	0.325	0.411	0.282	0.267
RESPIRATORY DISEASES														
Pneumonia/ Influenza	--	--	0.175	0.162	0.200	0.181	0.212	0.186	0.207	0.165	0.199	0.144	0.198	0.122
Chronic obstructive pulmonary disease	--	--	0.808	0.792	0.831	0.813	0.841	0.819	0.838	0.796	0.830	0.769	0.829	0.733
INTESTINAL DISEASE														
Ulcer	--	--	0.374	0.373	0.441	0.416	0.479	0.433	0.487	0.410	0.492	0.385	0.495	0.349
CONDITIONS ARISING DURING THE PERINATAL PERIOD														
Low birthweight and short gestation	0.247	0.206	--	--	--	--	--	--	--	--	--	--	--	--
Sudden infant death syndrome	0.312	0.265	--	--	--	--	--	--	--	--	--	--	--	--
INJURY														
Fire injury	--	--	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280
PASSIVE SMOKERS														
Lung cancer	--	--	0.035	0.032	0.016	0.013	0.020	0.018	0.018	0.016	0.015	0.013	0.010	0.009
Ischaemic heart disease	--	--	0.040	0.036	0.018	0.015	0.023	0.020	0.021	0.018	0.017	0.014	0.011	0.011

Table APP-16. ICD-9 and ICD-10 codes for disease conditions related to alcohol

Condition	ICD-9 Code	ICD-10 Code
Malignant neoplasms	--	
Oropharyngeal cancer	--	C00 - C14
Oesophageal cancer	--	C15
Liver cancer	--	C22
Laryngeal cancer	--	C32
Breast cancer	--	C50
Other neoplasms	--	D00-D48
Diabetes	--	
Diabetes mellitus	--	E10 - E14
Neuro-psychiatric conditions	--	
Alcoholic psychoses	291	F10.0, F10.3 - F10.9
Alcohol dependence syndrome	303	F10.2
Alcohol abuse	305	F10.1
Unipolar major depression	300.4	F32 - F33
Degeneration of nervous system due to alcohol	--	G31.2
Epilepsy	--	G40 - G41
Alcoholic polyneuropathy	--	G62.1
Cardiovascular diseases	--	
Hypertensive disease	--	I10 - I15
Ischaemic heart disease	--	I20 - I25
Alcoholic cardiomyopathy	--	I42.6
Cardiac arrhythmias	--	I47 - I49
Heart failure and ill-defined complications of heart disease	--	I50 - I52, I23, I25.0, I97.0, I97.1, I98.1
Cerebrovascular disease	--	I60 - I69
Ischaemic stroke	--	I60 - I62
Haemorrhagic stroke	--	I63 - I66
Oesophageal varices	--	I85
Digestive diseases		
Alcoholic gastritis	--	K29.2
Cirrhosis of the liver	--	K70, K74
Cholelithiasis	--	K80
Acute and chronic pancreatitis	--	K85, K86.1
Chronic pancreatitis (alcohol induced)	--	K86.0
Skin diseases		
Psoriasis	--	L40
Conditions arising during the perinatal period (maternal use)		
Low birth weight & short gestation (as defined by the global burden of disease study) *	--	P05 - P07
Foetal alcohol syndrome (dysmorphic)	--	Q86.0
Excess alcohol blood level	--	R78.0
Unintentional injuries		
Motor vehicle accidents	--	§
Poisonings	--	X40 - X49
Accidental poisoning & exposure to alcohol	--	X45
Falls	--	W00 - W19
Fires	--	X00 - X09
Drowning	--	W65-W74
Other unintentional injuries	--	† Rest of V & W20 - W64, W75 - W99, X10 -X39, X50 - X59, Y40 -Y86, Y88, Y89
Intentional injuries		
Self-inflicted injuries	--	X60 - X84, Y87.0
Intentional self-poisoning by and exposure to	--	X65
Homicide	--	X85 -Y09, Y87.1
Other intentional injuries	--	Y35
Ethanol and methanol toxicity, undetermined intent		Y15

Table APP-16. Continued

* Relative risk refers to drinking of mothers

§ V021-V029, V031-V039, V041-V049, V092, V093, V123-V129, V133-V139, V143-V149, V194-V196, V203-V209, V213-V219, V223-V229, V233-V239, V243-V249, V253-V259, V263-V269, V273-V279, V283-V289, V294-V299, V304-V309, V314-V319, V324-V329, V334-V339, V344-V349, V354-V359, V364-V369, V374-V379, V384-V389, V394-V399, V404-V409, V414-V419, V424-V429, V434-V439, V444-V449, V454-V459, V464-V469, V474-V479, V484-V489, V494-V499, V504-V509, V514-V519, V524-V529, V534-V539, V544-V549, V554-V559, V564-V569, V574-V579, V584-V589, V594-V599, V604-V609, V614-V619, V624-V629, V634-V639, V644-V649, V654-V659, V664-V669, V674-V679, V684-V689, V694-V699, V704-V709, V714-V719, V724-V729, V734-V739, V744-V749, V754-V759, V764-V769, V774-V779, V784-V789, V794-V799, V803-V805, V811, V821, V830-V833, V840-V843, V850-V853, V860-V863, V870-V878, V892.

† Rest of V = V-series MINUS §.

Table APP-17. ICD-9 and ICD-10 codes for disease conditions attributable to illegal drugs

Condition	ICD-9	ICD-10
Mental & behavioural disorders due to use of		
Opioids	Opioid abuse 304.0, 304.7, 305.5	F11
Cannabinoids	Cannabis abuse 304.3, 305.2	F12
Cocaine	Cocaine abuse 304.2, 305.6	F14
Other stimulants, including caffeine	Amphetamine abuse 305.7	F15
Hallucinogens		F16
Multiple drug use of other psychoactive substances	Other, mixed, or unspecified drug abuse 305.9	F19
Drug psychoses	292	--
Infectious diseases		
HIV	--	B20-B24
Viral hepatitis C	--	B17.1, B18.2
Viral hepatitis B	--	B16, B18.0-B18.1
Infective (acute and subacute) endocarditis	--	I33
Conditions arising during the perinatal period		
Pregnancy complications	--	O44-O46, O67, O35.5, O36.5
Foetus and newborn affected by maternal use of drugs of addiction	--	P04.4
Neonatal conditions; low birthweight & short gestation; maternal opiate use	--	P02.0-P02.2, P04.8, P05-P07, P96.1
Unintentional injuries		
Cannabis-attributable traffic accidents	--	Specific codes V01-V89*
Cocaine-attributable traffic accidents	--	Specific codes V01-V89*
Accidental poisoning by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified	--	X42
Intentional injuries		
Self-inflicted injuries	--	X60-X84, Y87.0
Homicide	--	X85-Y09, Y87.1
Poisonings		
Poisoning by		
Opium	--	T40.0
Heroin	--	T40.1
Other opioids	--	T40.2
Methadone	--	T40.3
Other synthetic narcotics	--	T40.4
Cocaine	--	T40.5
Cannabis	--	T40.7
Local anaesthetics (cocaine)	--	T41.3
Drugs, medicaments and biological substances causing adverse effects in therapeutic use		
Opioids and related analgesics causing adverse effects in therapeutic use	--	Y45.0

* V021-V029, V031-V039, V041-V049, V092, V093, V123-V129, V133-V139, V143-V149, V194-V196, V203-V209, V213-V219, V223-V229, V233-V239, V243-V249, V253-V259, V263-V269, V273-V279, V283-V289, V294-V299, V304-V309, V314-V319, V324-V329, V334-V339, V344-V349, V354-V359, V364-V369, V374-V379, V384-V389, V394-V399, V404-V409, V414-V419, V424-V429, V434-V439, V444-V449, V454-V459, V464-V469, V474-V479, V484-V489, V494-V499, V504-V509, V514-V519, V524-V529, V534-V539, V544-V549, V554-V559, V564-V569, V574-V579, V584-V589, V594-V599, V604-V609, V614-V619, V624-V629, V634-V639, V644-V649, V654-V659, V664-V669, V674-V679, V684-V689, V694-V699, V704-V709, V714-V719, V724-V729, V734-V739, V744-V749, V754-V759, V764-V769, V774-V779, V784-V789, V794-V799, V803-V805, V811, V821, V830-V833, V840-V843, V850-V853, V860-V863, V870-V878, V892

Table APP-18. ICD-10 codes for disease conditions attributable to tobacco

Condition	ICD-10
Mental & behavioural disorders due to use of tobacco (tobacco abuse)	F17
Toxic effect of tobacco and nicotine	T65.2
Malignant neoplasms	
Oropharyngeal cancer	C00-C14, D00.0
Oesophageal cancer	C15, D00.1
Stomach cancer	C16, D00.2
Pancreatic cancer	C25, D01.9
Laryngeal cancer	C32, D02.0
Trachea, bronchus and lung cancers	C33-C34
Cervical cancer	C53, D06
Urinary tract cancer	C64-C68
Renal cell carcinoma	C64
Bladder cancer	C67, D09.0
Acute myeloid leukaemia	C92.0
Cardiovascular diseases	
Ischaemic heart disease	I20-I25
Pulmonary circulatory disease	I26-I28
Cardiac arrhythmias	I47-I49
Heart failure; Complications & ill-defined descriptions of heart disease	I50-I51
Cerebrovascular diseases	I60-I69
Atherosclerosis	I70-I79
Respiratory diseases	
Pneumonia & influenza	J10-J18
Chronic obstructive pulmonary disease	J40-J44
Ulcers	K25-K28
Conditions arising during the perinatal period (maternal use)	
Foetus and newborn affected by maternal use of tobacco	P04.2*
Low birth weight & short gestation	P05-P07
Sudden infant death syndrome	R95
Unintentional injuries	
Fires	X00-X09