

Appendices

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Appendix A: Tobacco Use and Alcohol Use Data from CAMH

This Appendix presents the details of data presented in section IV: “Chronic Disease, Injury and Substance Abuse Prevention” sub-sections 5: “Tobacco Use Prevention” and 7: “Alcohol and Drug Abuse Prevention”.

1) Tobacco Use (Page 12)

a) Tobacco Use Among Students in Grades 7 through 13, Toronto and Ontario, 1999

Description	Toronto		Ontario	
	%	CI ₉₅ [*]	%	CI ₉₅ [*]
Smoking Rate	24.8	17.1 – 34.5	29.2	26.8 – 31.8
Smokes more than 20 cigarettes per day – Smokers only	10.3	6.2 – 16.5	5.6	NA ⁺

- Source:
1. Special data run for Toronto from the 1999 Ontario Student Drug Use Survey, E.M. Adlaf, Addiction Research Foundation, Centre for Addiction and Mental Health, 2001
 2. “Drug Use Among Ontario Students – Findings from the OSDUS 1877 – 1999”, E.M. Adlaf, A. Paglia and F.J. Ivis, Addiction Research Foundation, Centre for Addiction and Mental Health, 1999

b) Tobacco Use Among Adults (Aged 18 years and over), Toronto and Ontario, 1999

Description	Toronto		Ontario	
	%	CI ₉₅ [*]	%	CI ₉₅ [*]
Smoking Rate – Total Population	21.0	16.9 – 25.8	24.5	23.5 – 27.4
Smoking Rate – Males	24.9	18.5 – 32.6	28.2	25.2 – 31.3
Smoking Rate – Females	17.3	12.5 – 23.4	22.9	20.4 – 25.5

- Source:
1. Special data run for Toronto from the 1999 Ontario Drug Monitor Survey, E.M. Adlaf, Addiction Research Foundation, Centre for Addiction and Mental Health, 2001
 2. “1998 Ontario Drug Monitor: Alcohol, Tobacco and Illicit Drug Use, 1977 – 1998”, E.M. Adlaf, A. Paglia and A. Ialomiteanu, Addiction Research Foundation, Centre for Addiction and Mental Health, 1998

* CI₉₅ is the 95% confidence interval; in surveys this means that we are 95% sure that the true value is found in the specified range.

+ NA – Confidence intervals were not available for these values.

(Appendix A Cont'd)

2) Alcohol Use (Page 14)

a) Alcohol Use Among Students in Grades 7 through 13, Toronto and Ontario, 1999

Description	Toronto		Ontario	
	%	CI ₉₅ [*]	%	CI ₉₅ [*]
Consumed alcohol in previous 12 months	59.4	52.3 – 66.1	67.5	65.2 – 69.7
Frequency of alcohol use in past 4 weeks among drinkers				
1–2 times in past 4 weeks	40.5	34.5 – 46.8	45.1	NA ⁺
1-2 times per week	16.6	9.8 – 26.7	19.6	NA ⁺
3-4 times per week	4.9	2.8 – 8.5	5.4	NA ⁺
5-6 times per week	3.0	1.4 – 6.5	2.2	NA ⁺
Daily	1.3	0.5 – 3.7	1.1	NA ⁺
Frequency became drunk in past 4 weeks among drinkers				
Once	9.1	5.8 – 13.9	16.6	NA ⁺
2 times	7.2	3.9 – 13.0	9.9	NA ⁺
3 times	4.6	2.1 – 9.6	5.0	NA ⁺
4 times	1.1	0.5 – 2.8	3.0	NA ⁺
5+ times	4.3	1.9 – 9.5	4.0	NA ⁺
Frequency of heavy drinking (5 or more drinks on a single occasion) in past 4 weeks among drinkers				
Once	11.9	9.0 – 15.5	16.3	NA ⁺
2 times	7.8	4.4 – 13.4	10.6	NA ⁺
3 times	4.0	2.7 – 6.0	5.1	NA ⁺
4 times	2.6	0.7 – 9.3	3.5	NA ⁺
5+ times	6.5	3.1 – 12.9	6.7	NA ⁺

- Source: 1. Special data run for Toronto from the 1999 Ontario Student Drug Use Survey, E.M. Adlaf, Addiction Research Foundation, Centre for Addiction and Mental Health, 2001
2. “Drug Use Among Ontario Students – Findings from the OSDUS 1877 – 1999”, E.M. Adlaf, A. Paglia and F.J. Ivis, Addiction Research Foundation, Centre for Addiction and Mental Health, 1999

b) Alcohol Use Among Adults (Aged 18 years and over), Toronto and Ontario, 1999

Description	Toronto		Ontario	
	%	CI ₉₅ [*]	%	CI ₉₅ [*]
Reported drinking in previous 12 months	71.9	66.7 – 76.6	79.1	77.2 – 80.9
Met the definition of harmful or hazardous drinking**	12.9	9.5 – 17.1	13.6	12.1 – 15.3

** Harmful or hazardous drinking: This means a pattern of drinking that is causing health problems now (harmful) or increases the probability of health and physical problems in the future (hazardous).

- Source: 1. Special data run for Toronto from the 1999 Ontario Drug Monitor Survey, E.M. Adlaf, Addiction Research Foundation, Centre for Addiction and Mental Health, 2001
2. “1998 Ontario Drug Monitor: Alcohol, Tobacco and Illicit Drug Use, 1977 – 1998”, E.M. Adlaf, A. Paglia & A. Ialomiteanu, Addiction Research Foundation, Centre for Addictions & Mental Health, 1998

* CI₉₅ is the 95% confidence interval; in surveys this means that we are 95% sure that the true value is found in the specified range.

+ NA – Confidence intervals were not available for these values.

Appendix B: References

1. "The Path Ahead – Strategic Framework for Toronto Public Health to 2003", Toronto Public Health, 1999
2. "Core Population Health Indicators for Ontario", Provincial Health Indicators Work Group, November 1999 (www.cehip.org/apheo)
3. *Activists and Advocates: Toronto's Health Department 1883-1983*, Heather MacDougall, Dundurn Press, Toronto and Oxford, 1990
4. "Report on the Health Status of the Residents of Ontario", Public Health Research, Education and Development Program, February 2000
5. "Healthy People 2010", U.S. Department of Health and Human Services (HHS). Available at: www.health.gov/healthypeople/document/html/uih/uih.htm [March 6, 2001]
6. "Background Paper 3: Demographic Trends, Draft Social Development Strategy". Toronto Community and Neighbourhood Services, 2000
7. "Gini Concentration Ratio – Measurement of Disparity of Household Income", C.H. Wong and E.G.S. Rael, *PHERO* Vol.11, No.11, November 2000
8. "Fit for Life", *Maclean's*, pp20-34, October 23, 2000
9. "The Path Ahead: A Report on the State of the City's Health – Toronto 2001", Report to the Toronto Board of Health, January 2001
10. "Analysis of Ontario Data from the 1995 Physical Activity Monitor", Canadian Fitness and Lifestyle Research Institute, 1997
11. "Increasing Physical Activity: Creating Effective Communications", Analysis from the 1998 Physical Activity Monitor, Canadian Fitness and Lifestyle Research Institute, 2000
12. "Secular Trends in Body Mass Index of Canadian Children", M.S. Tremblay and J.D. Wilms, *CMAJ*, 163 (11) p1429, Nov. 28, 2000
13. "Planting the Seeds", Food and Hunger Action Committee Phase 1 Report, Toronto, May 2000.
14. "Breast Cancer in Ontario 1971 – 1996", Division of Preventive Oncology, Cancer Care Ontario, October 2000
15. "Breast Cancer in Canada", Health Canada, S.W. Fletcher, W. Black, R. Harris, et al. Report of the International Workshop on Screening for Breast Cancer – *Journal of National Canadian Institute*, April 1999
16. "Drug Use Among Ontario Students – Findings from the OSDUS 1877 – 1999", E.M. Adlaf, A. Paglia and F.J. Ivis, Addiction Research Foundation, Centre for Addiction and Mental Health, 1999
17. "1998 Ontario Drug Monitor: Alcohol, Tobacco and Illicit Drug Use, 1977 – 1998", E.M. Adlaf, A. Paglia and A. Ialomiteanu, Addiction Research Foundation, Centre for Addiction and Mental Health, 1998
18. "Actions will Speak Louder than Words: Getting Serious About Tobacco Control in Ontario", A Report to the Minister of Health from Her Expert Panel on the Renewal of the Ontario Tobacco Strategy, February 1999
19. Home Safety Community Action Kit, October 2000, Safe Kids, Canada
20. "For the Safety of Canadian Children and Youth: From Injury Data to Preventive Measures", Health Canada, Ottawa, 1997
21. "Drug Use in Toronto, 2000" Research Group on Drug Use, 2000
22. Work by Dianne Patychuk, Health Planning, Toronto Public Health, 1998
23. "Social Determinants of Health The Solid Facts", Ed. R. Wilkinson and M. Marmot, World Health Organization Europe, 1998.
24. "The Toronto Report Card on Homelessness 2001", Toronto Advisory Committee on Homeless and Socially Isolated Persons Reference Group, Toronto, 2001

25. "Epidemiology of Tuberculosis in Ontario: Update 1998", M. Varia and J. Sciberras, *PHERO* Vol.11, No.1, January 2000
26. "The HIV Epidemic Among Men Who Have Sex with Other Men: The Situation in Ontario in the Year 2000", R.S. Remis, C. Major, L. Calzavara, T. Myers, A. Burchell and E.P. Whittingham, Department of Public Health Sciences, University of Toronto, November 2000
27. "Air Pollution Burden of Illness in Toronto", Toronto Public Health, Toronto 2000
28. "Lead: Scientific Criteria Document For Multimedia Environmental Standards Development", Ministry of the Environment and Energy, Ontario, 1994.
29. "Pesticides and Cancer", S. Hoar Zahm, M. Ward and A. Blair, *Occupational Medicine: State of the Art Reviews*, Vol. 12, No.2, 1997

Appendix C: Sources of Data

The People of Toronto

1. Basis for the Section “Background Paper 3: Demographic Trends. Draft Social Development Strategy”, Toronto Community and Neighbourhood Services, 2000
2. Population Projections Populations Projections Database (HELPS), Public Health Branch, Ontario Ministry of Health, 1997 – 2021
3. Newcomers Immigration and Refugee Board, Toronto Region, and
Citizenship and Immigration Canada, prepared by Ontario Ministry of Citizenship, Culture and Recreation
4. Education Level Statistics Canada, 1996 Canada Census
5. Income Quintiles for
Disparity Data Statistics Canada, Tax Filer data 1995-1998

Summary - The State of the City’s Health

6. Basis for the Section “The Path Ahead: A Report on the State of the City’s Health – Toronto 2001”, Report to the Toronto Board of Health, January 2001

Chronic Disease, Injury and Substance Abuse Prevention

7. Mortality Provincial Health Planning Database, Ontario Ministry of Health and Long Term Care
8. Hospitalization Central East Health Information Partnership (CEHIP) and Provincial Health Planning Database, Ontario Ministry of Health and Long Term Care
9. Income Quintiles for
Disparity Data Statistics Canada, Tax Filer data 1995–1998
10. Program Data Toronto Public Health
11. Activity Levels 1996 Ontario Population Health Survey
12. Inactivity Ontario Health Survey, Working Paper No. 9, “Physical Activity in Ontario. An Analysis of the Ontario Health Survey”, prepared for the Ministry of Health, K.R. Allison, 1990

Analysis of Ontario data from the 1995 Physical Activity Monitor, Canadian Fitness and Lifestyle Research Institute, 1997

“Increasing Physical Activity: Creating Effective Communications”, analysis from the 1998 Physical Activity Monitor, Canadian Fitness and Lifestyle Research Institute, 2000
13. Adult BMI 1996 Ontario Population Health Survey
14. Child BMI “Secular trends in the body mass index of Canadian children”, M.S. Tremblay and J.D. Wilms, *CMAJ*, 163 (11) p1429, Nov. 28, 2000
15. Food Consumption 1990 Ontario Health Survey
16. Food Access “Planting the Seeds”, Food and Hunger Action Committee Phase 1 Report, Toronto, May 2000
17. Toronto Cancer Incidence Data extract, Cancer Care Ontario, 2000

18. Ontario Breast Cancer Incidence “Breast Cancer in Ontario 1971 – 1996”, Division of Preventive Oncology, Cancer Care Ontario, October 2000
19. Canada Breast Cancer Incidence “Breast Cancer in Canada”, Health Canada, S.W. Fletcher, W. Black, R. Harris, et al. Report of the International Workshop on Screening for Breast Cancer – *Journal of National Canadian Institute*, April 1999
20. Tobacco Use in Toronto Students Special data run for Toronto from the 1999 Ontario Student Drug Use Survey, E.M. Adlaf, Addiction Research Foundation, Centre for Addiction and Mental Health, 2001
21. Tobacco Use in Students “Drug Use Among Ontario Students – Findings from the OSDUS 1877 – 1999”, E.M. Adlaf, A. Paglia and F.J. Ivis, Addiction Research Foundation, Centre for Addiction and Mental Health, 1999
22. Tobacco Use in Toronto Adults Special data run for Toronto from the 1999 Ontario Drug Monitor Survey, E.M. Adlaf, Addiction Research Foundation, Centre for Addiction and Mental Health, 2001
23. Tobacco Use in Adults “1998 Ontario Drug Monitor: Alcohol, Tobacco and Illicit Drug Use, 1977 – 1998,” E.M. Adlaf, A. Paglia and A. Ialomiteanu, Addiction Research Foundation, Centre for Addiction and Mental Health, 1998
24. Cost of Tobacco Use “Actions will Speak Louder than Words: Getting Serious About Tobacco Control in Ontario”, A Report to the Minister of Health from Her Expert Panel on the Renewal of the Ontario Tobacco Strategy, February 1999
25. Child Injury Home Safety Community Action Kit, October 2000, Safe Kids, Canada
“For the Safety of Canadian Children and Youth: from Injury Data to Preventive Measures”, Health Canada, Ottawa, 1997
26. Alcohol Use in Toronto Students Special data run for Toronto from the 1999 Ontario Student Drug Use Survey, E.M. Adlaf, Addiction Research Foundation, Centre for Addiction and Mental Health, 2001
27. Alcohol Use in Students “Drug Use Among Ontario Students – Findings from the OSDUS 1877 – 1999”, E.M. Adlaf, A. Paglia and F.J. Ivis, Addiction Research Foundation, Centre for Addiction and Mental Health, 1999
28. Alcohol Use in Adults “1998 Ontario Drug Monitor: Alcohol, Tobacco and Illicit Drug Use, 1977 – 1998,” E.M. Adlaf, A. Paglia and A. Ialomiteanu, Addiction Research Foundation, Centre for Addiction and Mental Health, 1998
29. Alcohol Use in Toronto Adults Special data run for Toronto from the 1999 Ontario Drug Monitor Survey, E.M. Adlaf, Addiction Research Foundation, Centre for Addiction and Mental Health, 2001
30. Student Drug Use “Drug Use in Toronto“, Data from the ODSUS by CAMH, Research Group on Drug Use, 2000

Family Health

31. Pregnancy:
- Live Birth and Stillbirth Ontario Live Birth Database and the Ontario Stillbirth Database, Health Planning System, Public Health Branch, Ontario Ministry of Health and Long Term Care, 1988 – 1997
 - Therapeutic Abortion Ontario Therapeutic Abortion Data Set, Health Planning System, Public Health Branch, Ontario Ministry of Health and Long Term Care, 1993 – 1997
32. Child Hospitalization Provincial Health Planning Database, Ontario Ministry of Health and Long Term Care
33. Breast Feeding Initiation 1996 Ontario Population Health Survey
34. Low Income Statistics Canada, 1996 Canada Census
35. Income Statistics Canada, Tax Filer data, 1995 – 1998
36. Social Assistance Toronto Children Services
37. Aging Population Populations Projections Database (HELPS), Public Health Branch, Ontario Ministry of Health, 1997 – 2021
38. Food Bank Use “Who’s Hungry Now?”, Daily Bread Food Bank and North York Harvest Food Bank, 2000
39. Other Hospitalization Central East Health Information Partnership (CEHIP) and Provincial Health Planning Database, Ontario Ministry of Health and Long Term Care
40. Activity Limitation 1996 Ontario Population Health Survey
41. Dental Indices “Report of the Sample Survey of the Oral Health of Toronto Children Aged 5, 7 and 13”, J.L. Leake, F. Goettler, B. Stahl-Quinlan and H. Stewart, University of Toronto and Toronto Public Health, November 2000
- “Re-collection and Analysis of Data from the Ontario Dental Health Indices Survey”, G.L. Woodward and A. Knight, Central East Health Information Partnership, July 1999
42. Dental Indices for Seniors “Dental Information System For Collective Living Centres”, Toronto Public Health, March 1996
43. Shelter Use “The Toronto Report Card on Homelessness 2001”, Toronto Advisory Committee on Homeless and Socially Isolated Persons Reference Group, Toronto, 2001
44. Child Mental Health 1983 Ontario Child Health Survey
45. Violence “Toronto, My City. A Safe City. – A Community Safety Strategy for the City of Toronto”, City of Toronto Task Force on Community Safety, February 1999

Communicable Diseases Control and Sexual Health

46. Vaccine Coverage Vaccine Preventable Disease Program, Toronto Public Health
47. Toronto Communicable Diseases Communicable Disease Surveillance Unit, Toronto Public Health
48. Ontario Communicable Diseases “Report on the Health Status of the Residents of Ontario”, Public Health Research, Education and Development Program, February 2000
49. Drug Users Needle Exchange Program, Toronto Public Health
50. Sexual Activity 1996 Ontario Population Health Survey

Health and the Environment

- 51. Restaurant Inspections Healthy Environments Program, Toronto Public Health
- 52. THM in Water Works and Emergency Services Department, Toronto
- 53. Beach Closures Healthy Environments Program, Toronto Public Health
- 54. Air Quality Health Effects “Air Pollution Burden of Illness in Toronto”, Toronto Public Health, Toronto 2000
- 55. Hazardous Spills Ontario Ministry of the Environment
- 56. Complaints Healthy Environments Program, Toronto Public Health
- 57. Children’s Health Impacts “Lead: Scientific Criteria Document for Multimedia Environmental Standards Development”, Ministry of the Environment and Energy, Ontario, 1994, and
“Pesticides and Cancer”, S. Hoar Zahm, M. Ward and A. Blair, *Occupational Medicine: State of the Art Reviews*, Vol. 12, No.2, 1997
- 58. Animal Sheltering and
Licenses Animal Services, Toronto Public Health
- 59. Animal Bites Animal Services, Toronto Public Health

Appendix D: Gaps in Data Identified Through this Report

In General Through-out All Sections

- Indicators of disparity in health
- Incidence and prevalence of disease

Chronic Disease, Injury and Substance Abuse Prevention

- Heart disease risk factor prevalence
- Physical activity levels
- Physical activity limitation
- Food consumption patterns
- Access to affordable, appropriate food that is close by
- Prevalence of hunger by age and socio-economic factors
- Cancer risk factor prevalence
- Prevalence of the various cancer screening techniques (both physician and self)
- Incidence of injury that does not require ER or hospitalization
- Circumstances of injury including the appropriate denominator (e.g. injury in latch-key kids)
- Physical environment and other risk factors for injury
- Use of safety equipment (e.g. helmets, knee / elbow guards, canes, seatbelts ...)
- Over-the-counter drug misuse
- Health outcomes directly and indirectly associated with drug use

Family Health

- Non-hospitalization morbidity by age
- Modifiable risk factors by age
- Number and description of high-risk pregnancies
- Breast feeding initiation, duration and reason for stopping
- Child developmental milestones
- Parenting skills
- Morbidity among the homeless
- Prevalence of modifiable risk factors as they relate to homelessness
- Morbidity incidence/prevalence of mental health problems
- Measures of social supports, self-esteem, mastery, mood, distress, work stress, depression
- Incidence/prevalence of non-criminal acts of violence
- Incidence/prevalence of abuse (child, spousal, elder ...)

Communicable Disease Control and Sexual Health

- Link of incidence of vaccine preventable disease with immunization status (vaccine failure)
- Adult immunization coverage in the general population
- Prevalence of risk factors associated with various communicable diseases

Health and the Environment

- Health hazard exposure by type of exposure and sub-population (age ...)
- Prevalence of pet rabies vaccination (need denominator)
- Indoor and outdoor uses of pesticides in residential areas

Notes: