

Window on Health

A snapshot of the health of Sudburians



Window on health: Why?

- The fewer clear facts you have in support of an opinion, the stronger your emotional attachment to that opinion.

Anonymous





Window on health

- Health statistics and trends
- Health unit initiatives – working in partnership
- Future





Did you ever wonder...?

1. How has the City of Greater Sudbury population changed since 2001?
a) 2% ↑ b) no change c) 2% ↓ **d) 0.2% ↓**
2. What percentage of Greater Sudbury residents identify as Francophone?
a) 40% **b) 28%** c) 10% d) 35%
3. For which of the following local health issue is Sudbury area now 'even' with the province?
a) heart disease b) cancer **c) motor vehicle crashes**



Did you ever wonder...?

5. True or False: Sudburians are less physically active than Ontarians as a whole?

a) True

b) False

6. What percentage of northern students grades 7 to 12 report having used cannabis?

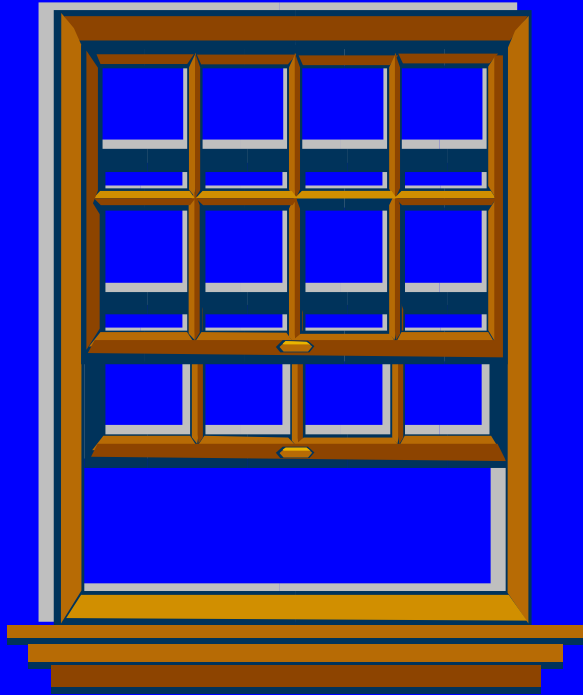
a) 12%

b) 35%

c) 100%

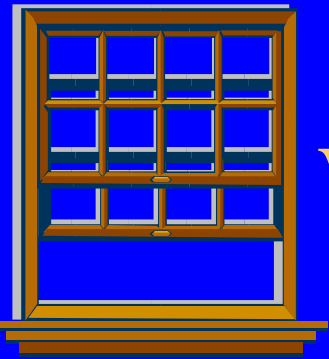
d) 78%





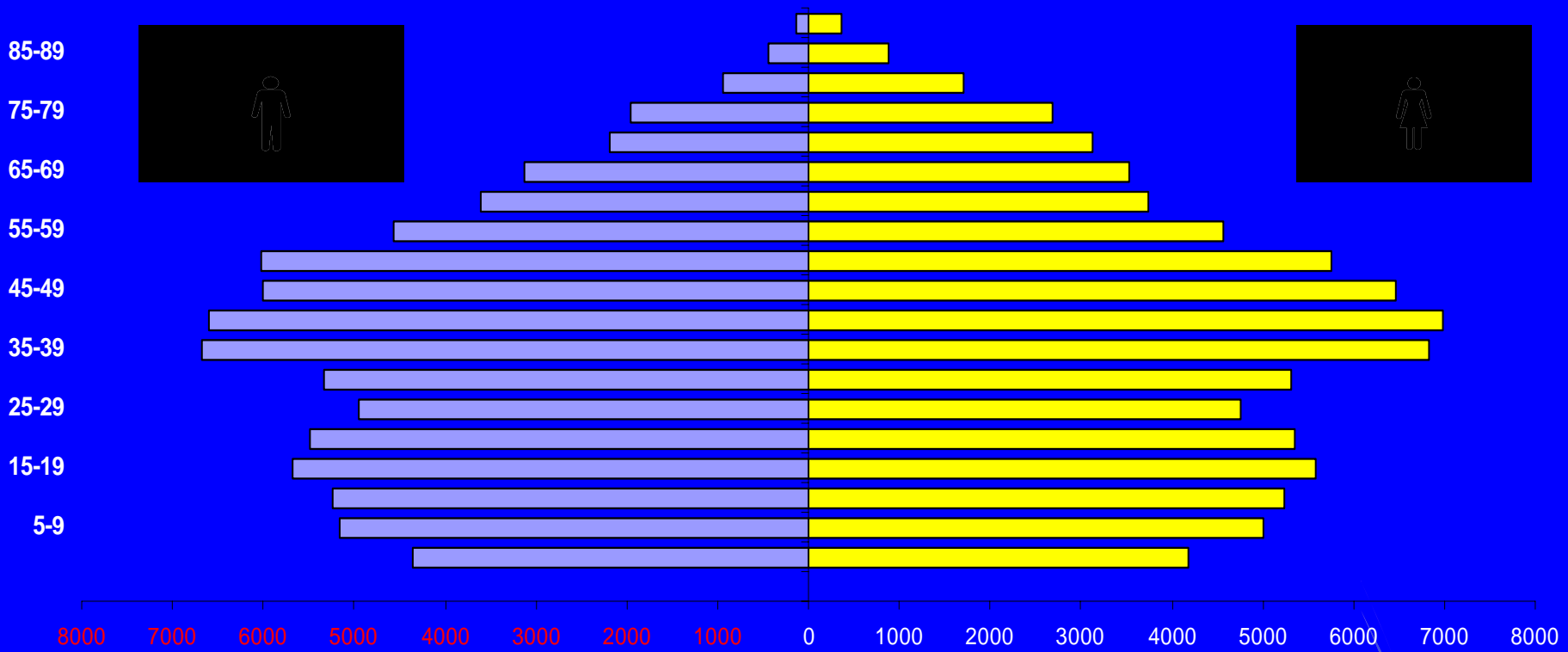
Demographics





What does our population look like?

Population Pyramid -- City of Greater Sudbury
(2001 and 2004 Population Estimates)

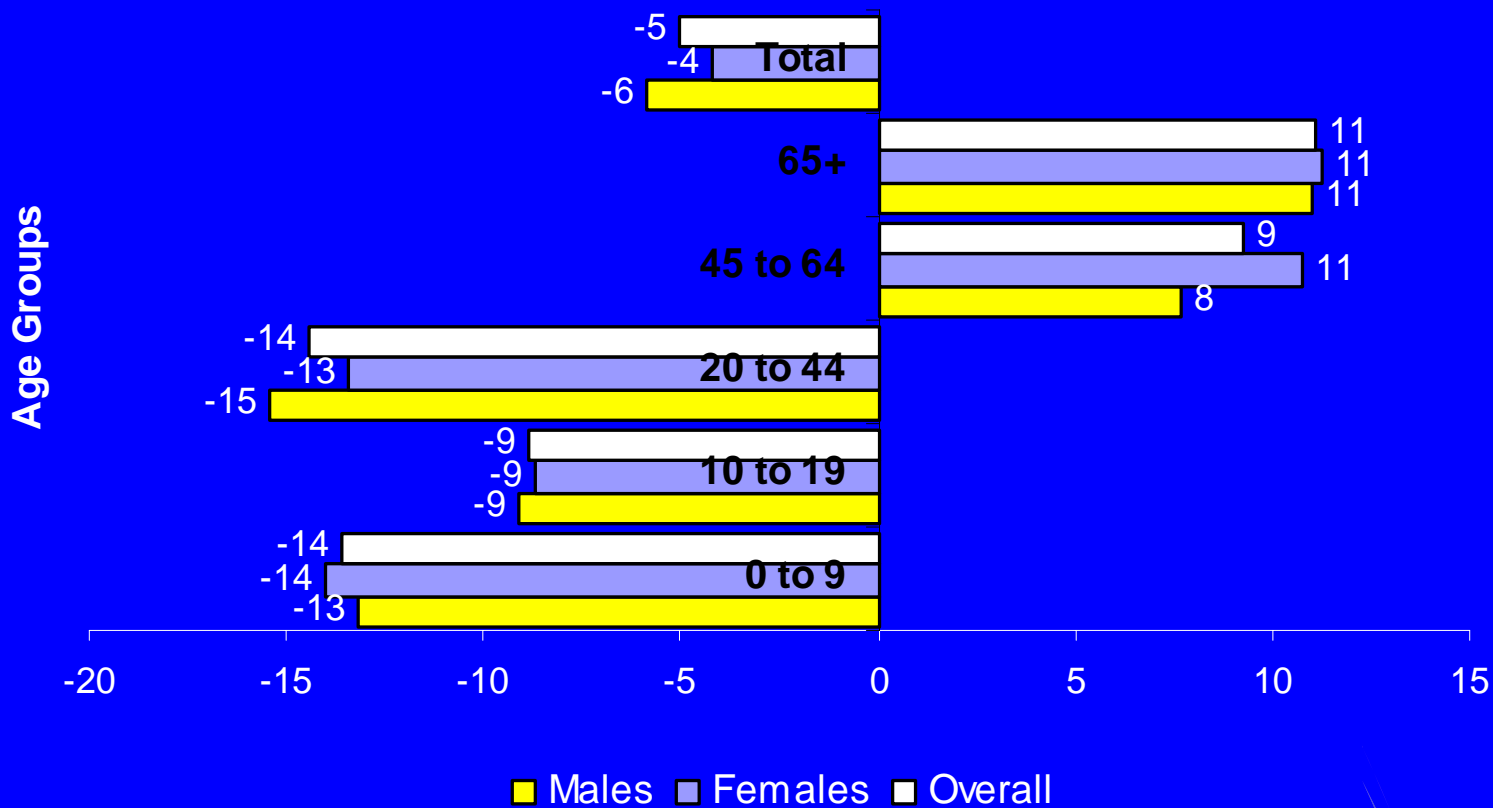


Source: Provincial Health Planning Database, extracted April 25, 2005



How is our population changing?

Sudbury & District Health Unit 1996 - 2001



Source: Statistics Canada, Census 2001 (Sudbury & District Health Unit Area Demographic Profile 2001)

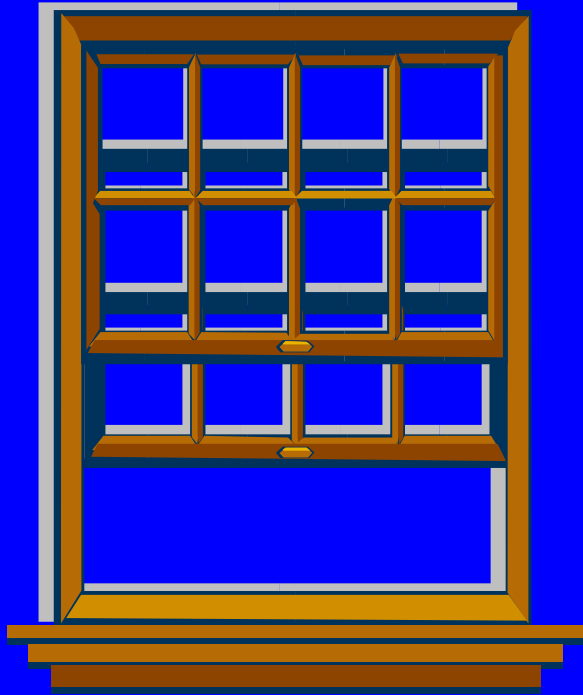


Population Characteristics

For example, in Greater Sudbury:

- 28% Francophone (5% in Ontario)
- 4.6% Aboriginal (1.7% in Ontario; 7.5% all SDHU area residents)
- 9% unemployment rate (Ontario 6%)





Health and illness

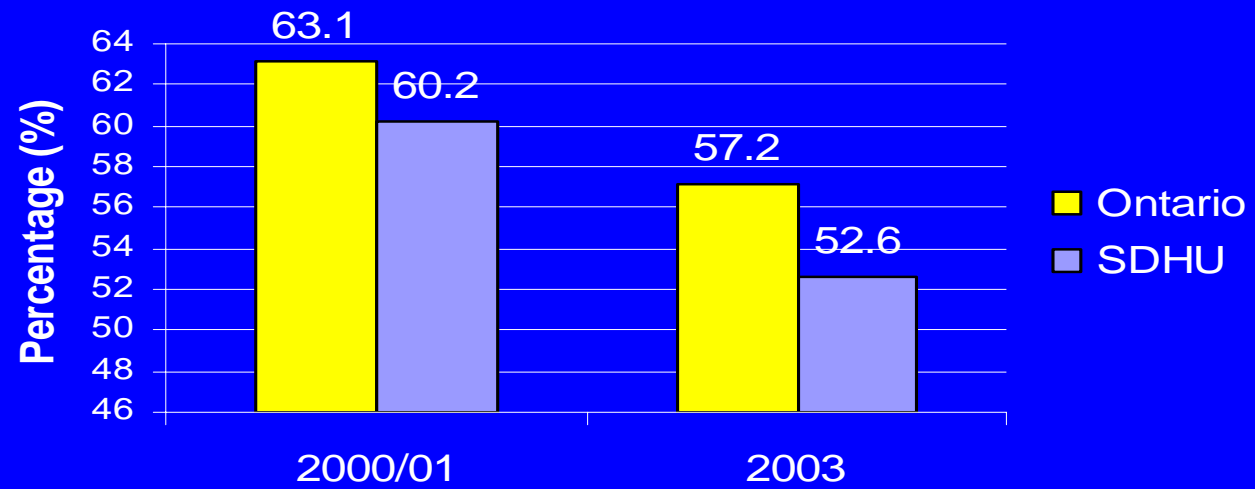




Self-rated health

% Reporting Very Good or Excellent Health

Ontario and SDHU Area, 2000/01 and 2003



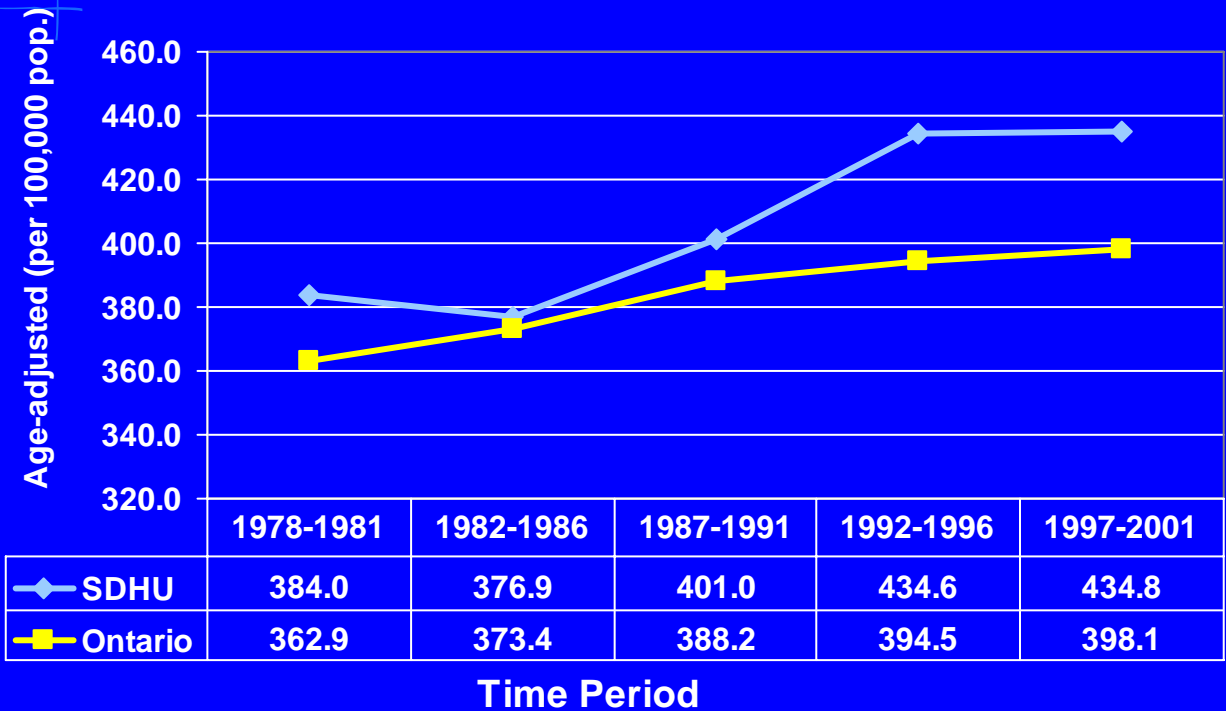
Source: Canadian Community Health Survey (2000/01 and 2003)





Time trends: all cancers

Rates of all New Cancers



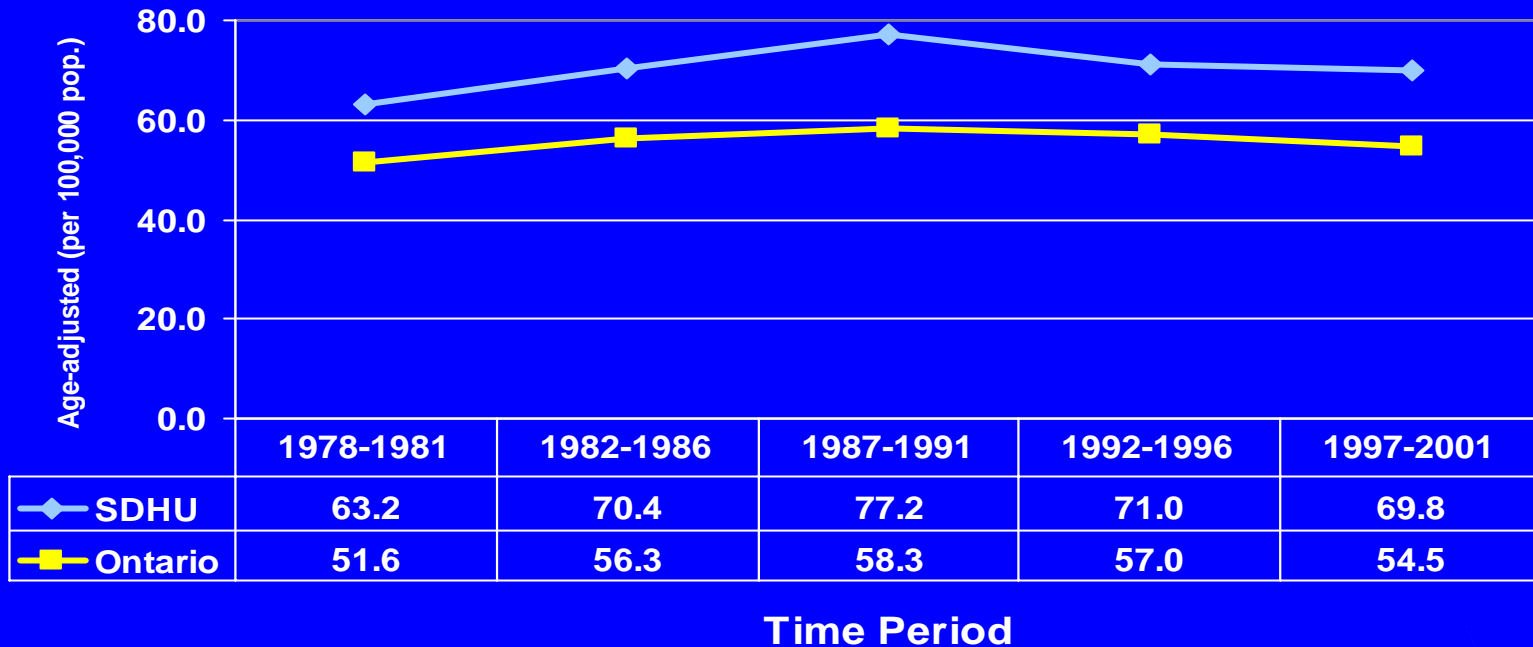
Source: Ontario Cancer Registry, 2003





Time trends: lung cancer

Rates of all New Lung Cancers



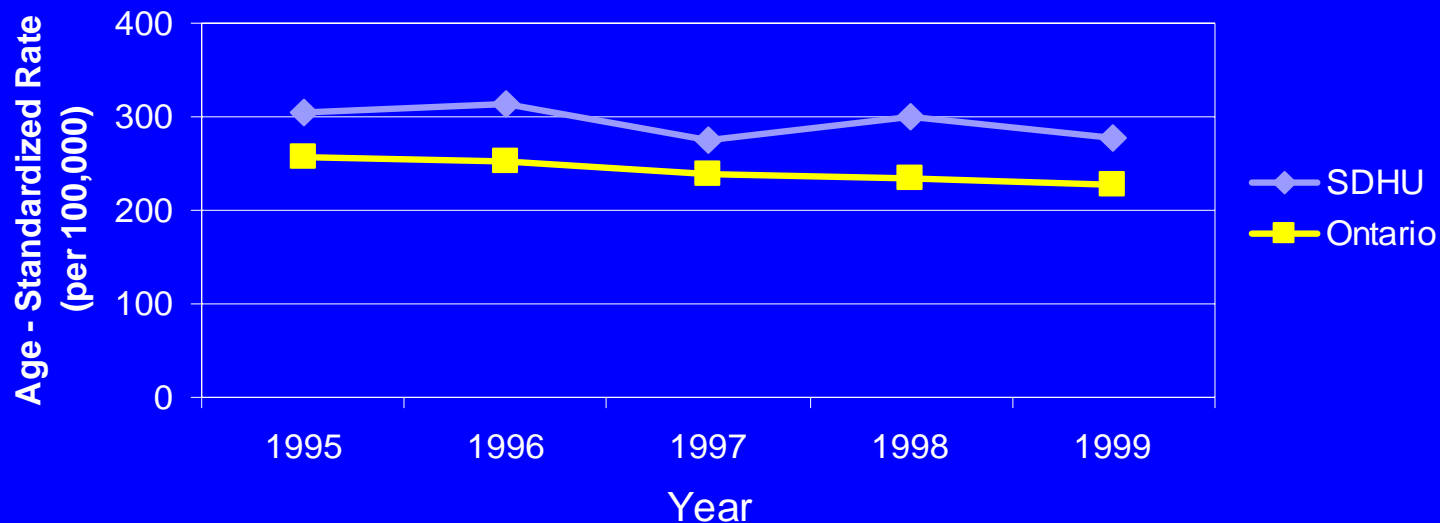
Source: Ontario Cancer Registry, 2003





Time trends: heart disease

Deaths from Diseases of the Circulatory System, Ontario and SDHU area, 1995 to 1999

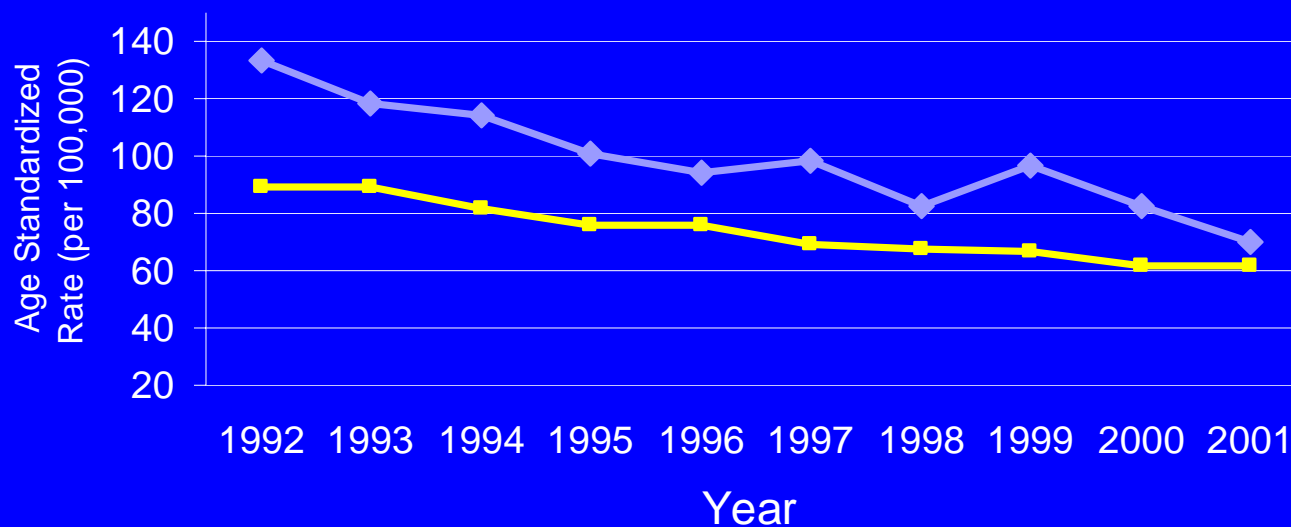


Source: PHPDB, Modified by Northern Health Information Partnership

Time trends: motor vehicle crashes



Hospitalizations from Motor Vehicle Traffic Collisions



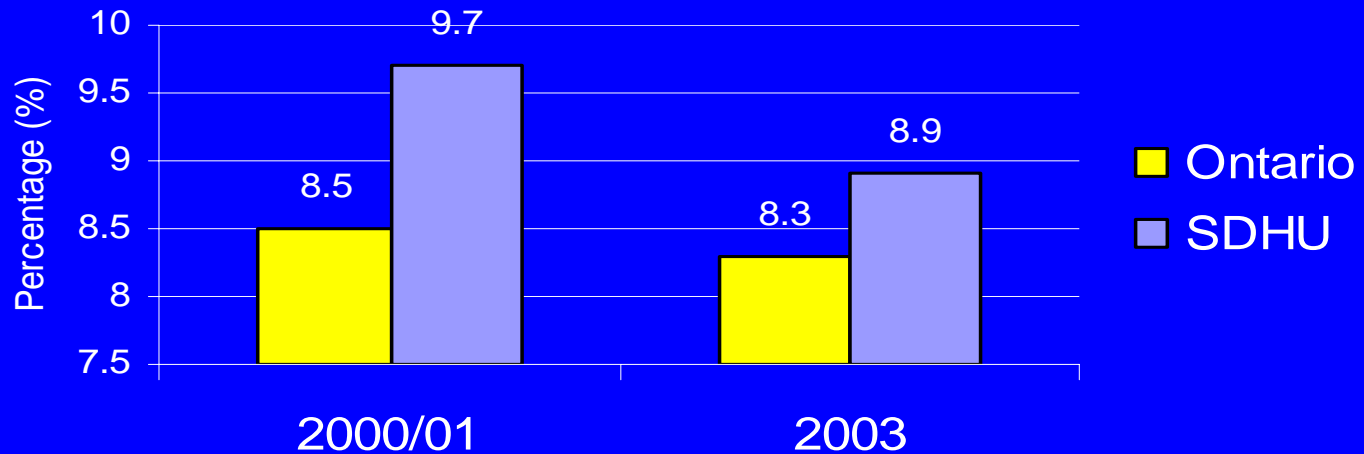
—◆— SDHU —■— Ontario

Source: PHPDB, Modified by Northern Health Information Partnership



Adult asthma (self-reported)

Asthma, Ontario and SDHU Area, 2000/01 and 2003



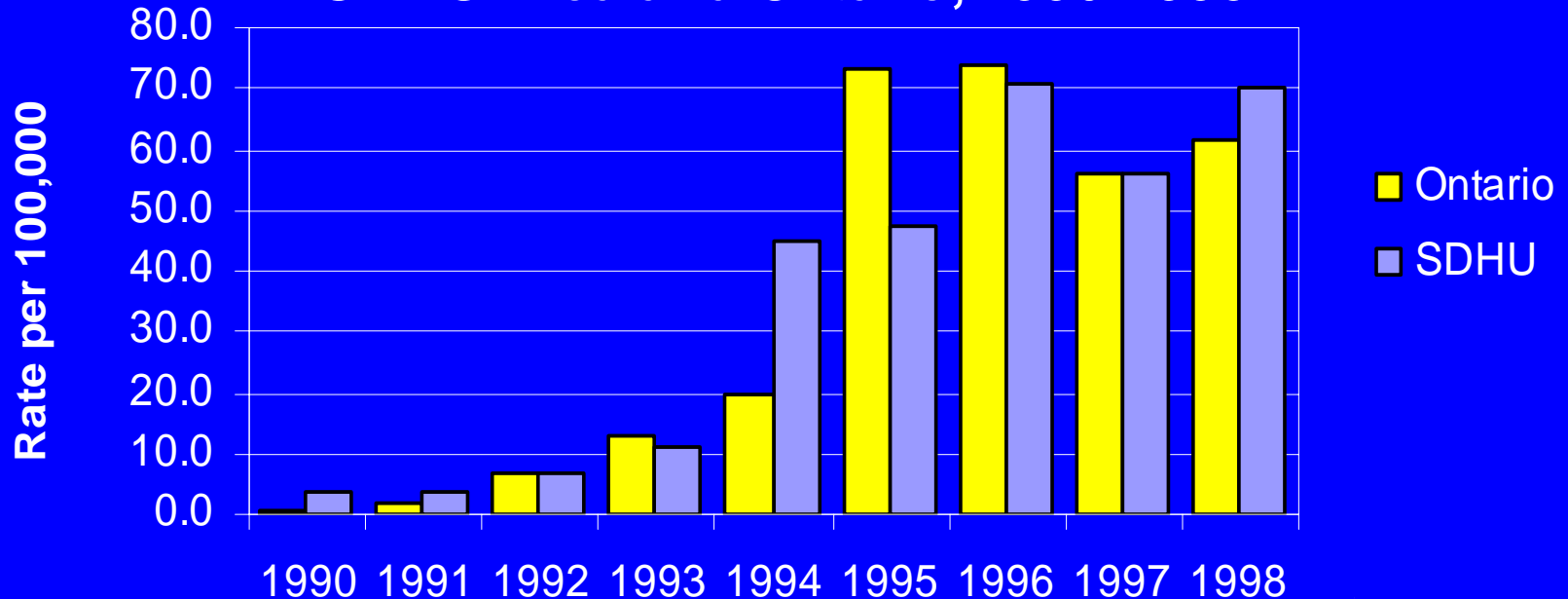
Source: Canadian Community Health Survey (2000/01 and 2003)





Hepatitis C

Rate of Hepatitis C Cases SDHU Area and Ontario, 1990-1998



Source: Reportable Disease Information System, MOHLTC





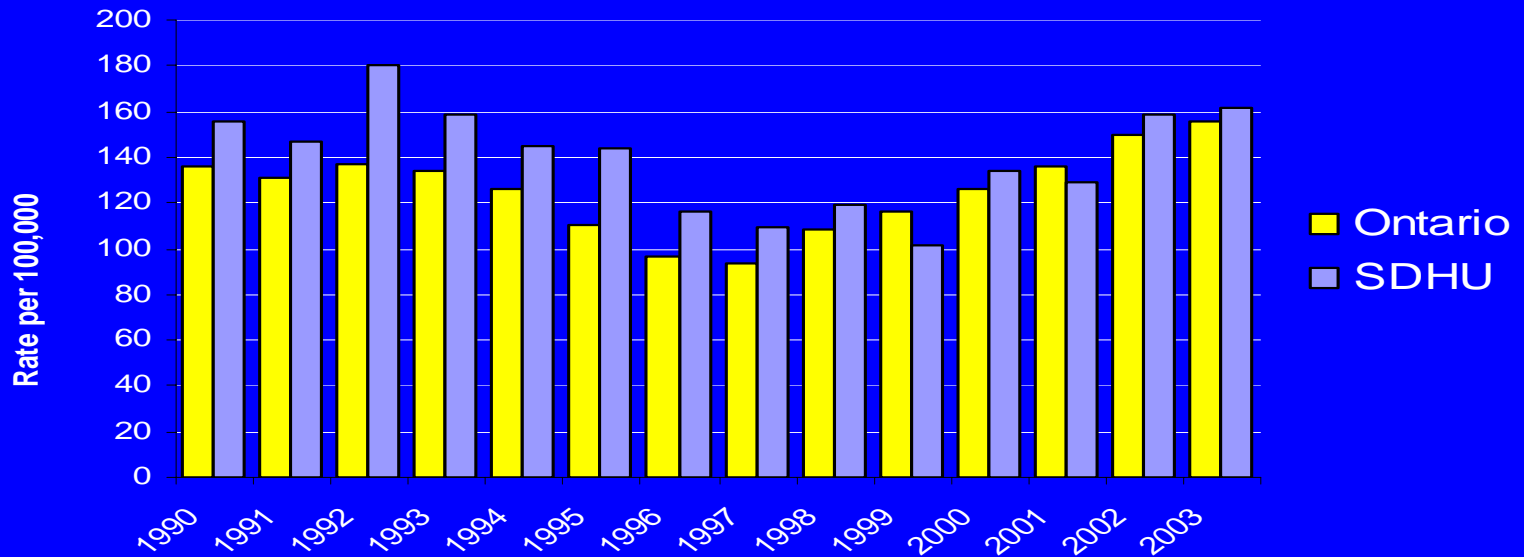
Trends in HIV diagnoses

- Among persons diagnosed with HIV in Sudbury, risk activities are changing:
 - fewer are men who have sex with men
 - 47% to 28% (from 1985-96 to 1997-03)
 - more are persons who use injection drugs
 - 16% to 51% (from 1985-91 to 1992-2003)

Source: Remis, R. et al. Epidemiologic Characteristics of HIV Infection and AIDS, Sudbury, Algoma and Porcupine Public Health Units, 1981-2003

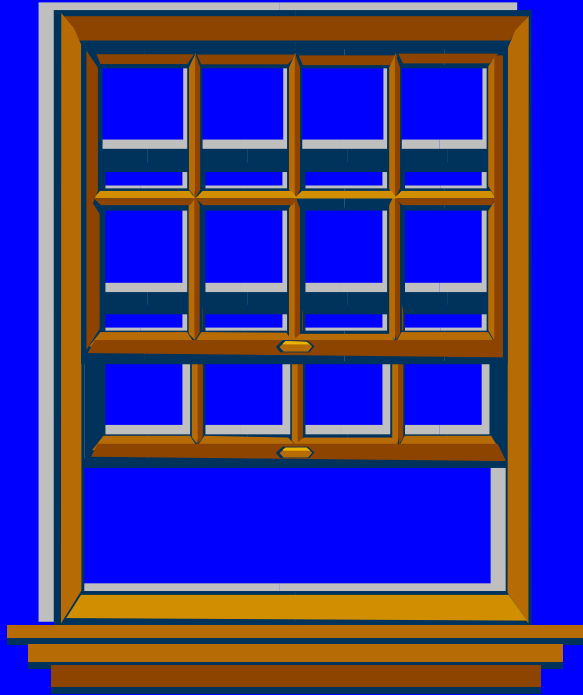


Sexually transmitted disease: Chlamydia

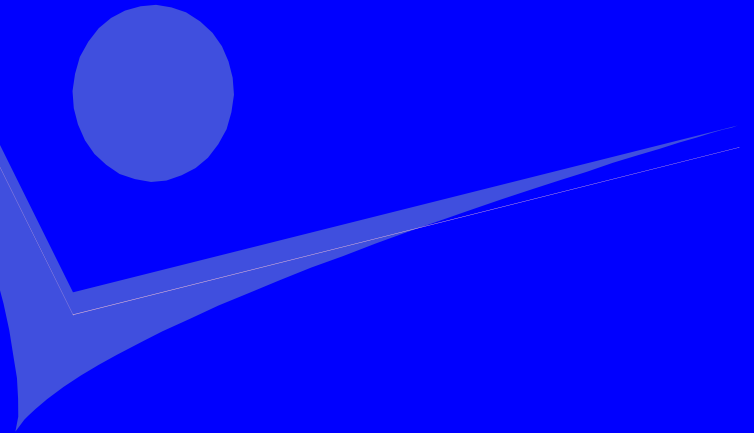


Source: Reportable Disease Information System, and MOHLTC





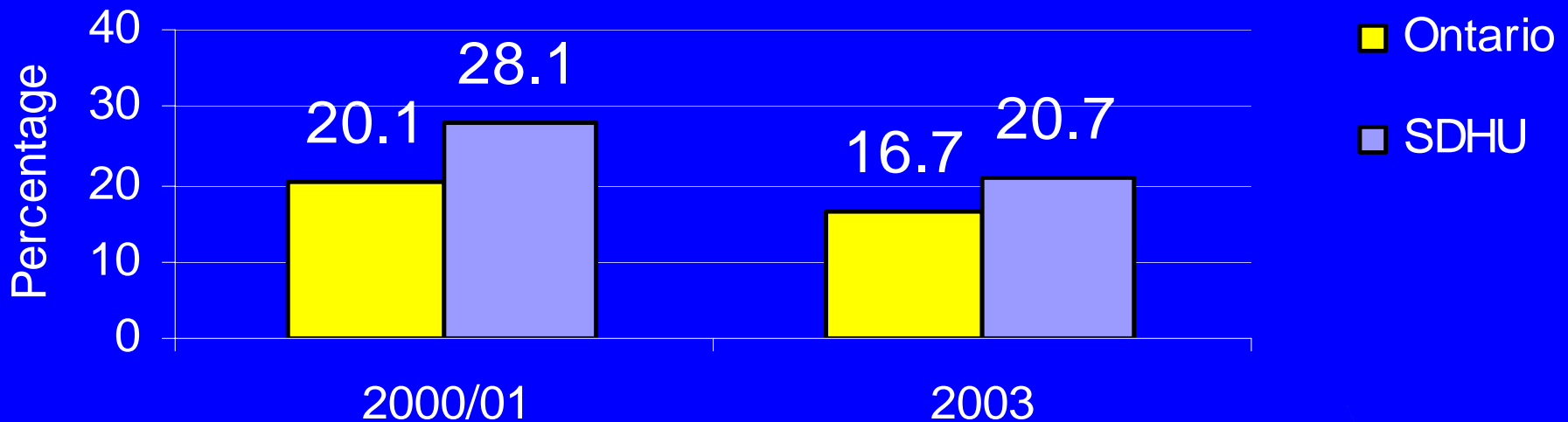
Health promoting/harming behaviours





Smoking

Daily Smokers, ages 12+ for Ontario and SDHU Area, 2000/01 and 2003



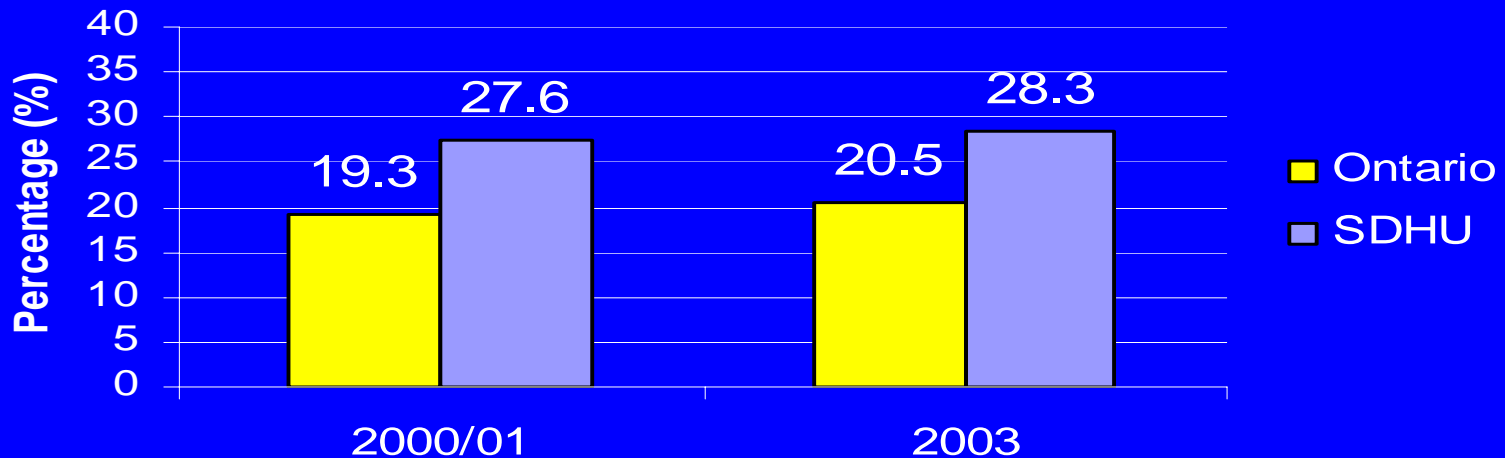
Source: Canadian Community Health Survey (2000/01 and 2003)



Heavy drinking



Heavy Drinking, Ontario and SDHU Area, 2000/01 and 2003

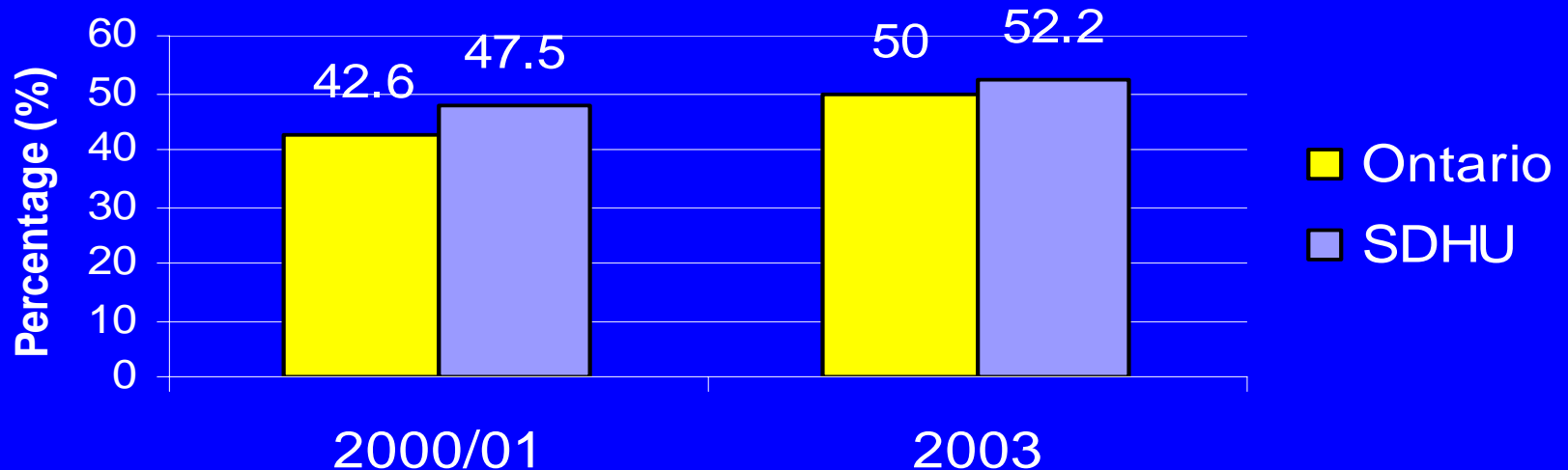


Source: Canadian Community Health Survey (2000/01 and 2003)



Physical activity

Active or Moderately Active in Leisure Time,
Ontario and SDHU Area, 2000/01 and 2003



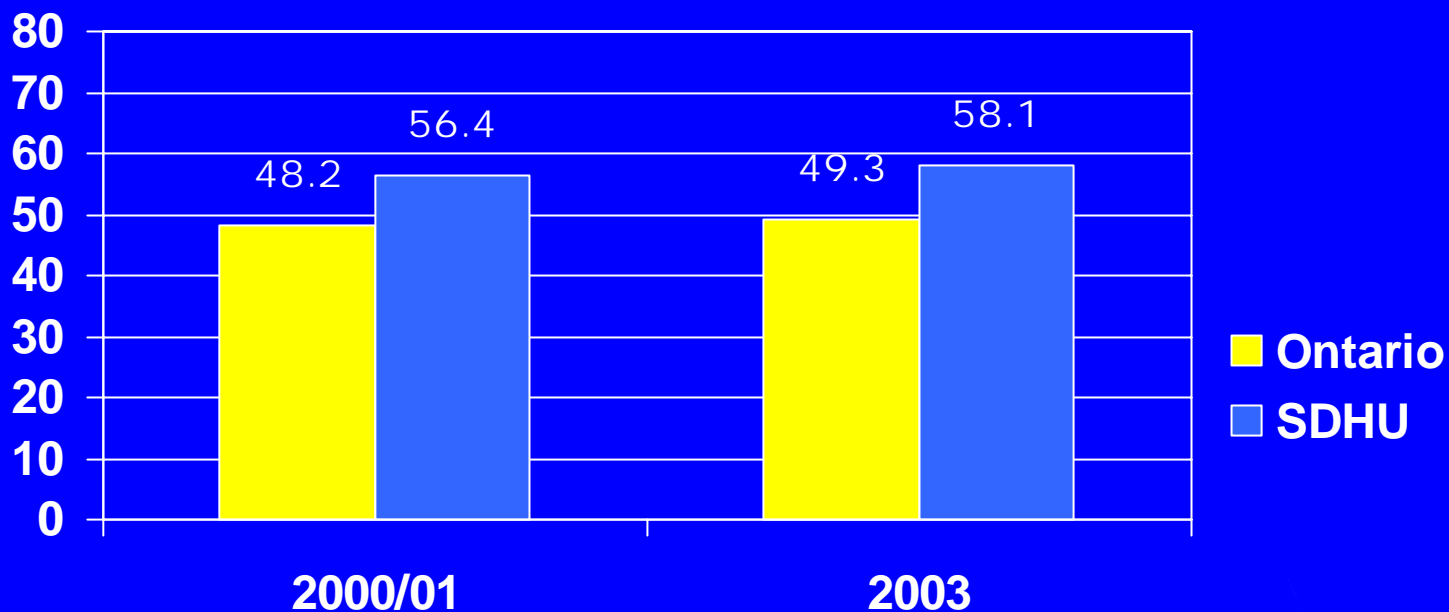
Source: Canadian Community Health Survey (2000/01 and 2003)





Overweight and obesity

**Proportion Obese and Overweight, Ages 20-64
Ontario and SDHU Area**



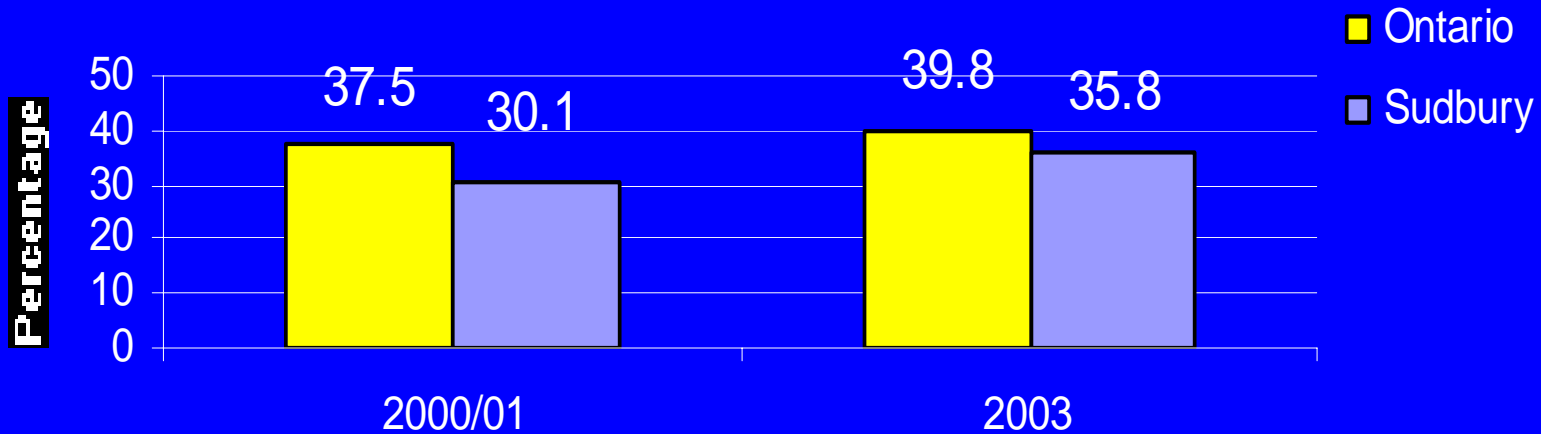
Source: Canadian Community Health Survey (2000/01 and 2003)





Nutrition

**Fruit and Vegetable Consumption
(5-10 servings per day) for Ontario and SDHU Area,
2000/01 and 2003**



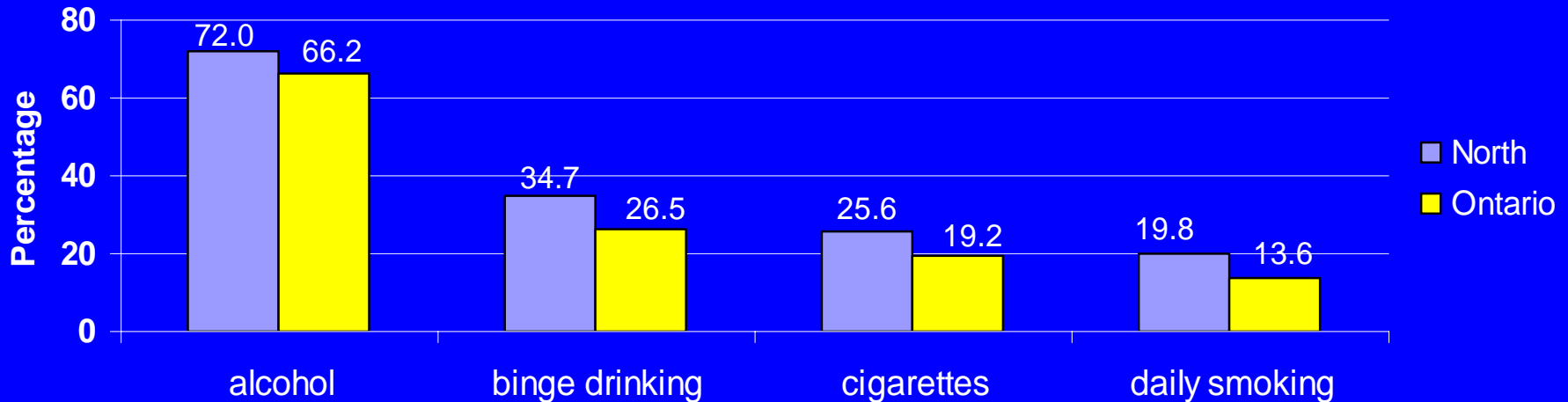
Source: Canadian Community Health Survey (2000/01 and 2003)





Student risk behaviour

Reported Use of Alcohol and Cigarettes Grade 7-12



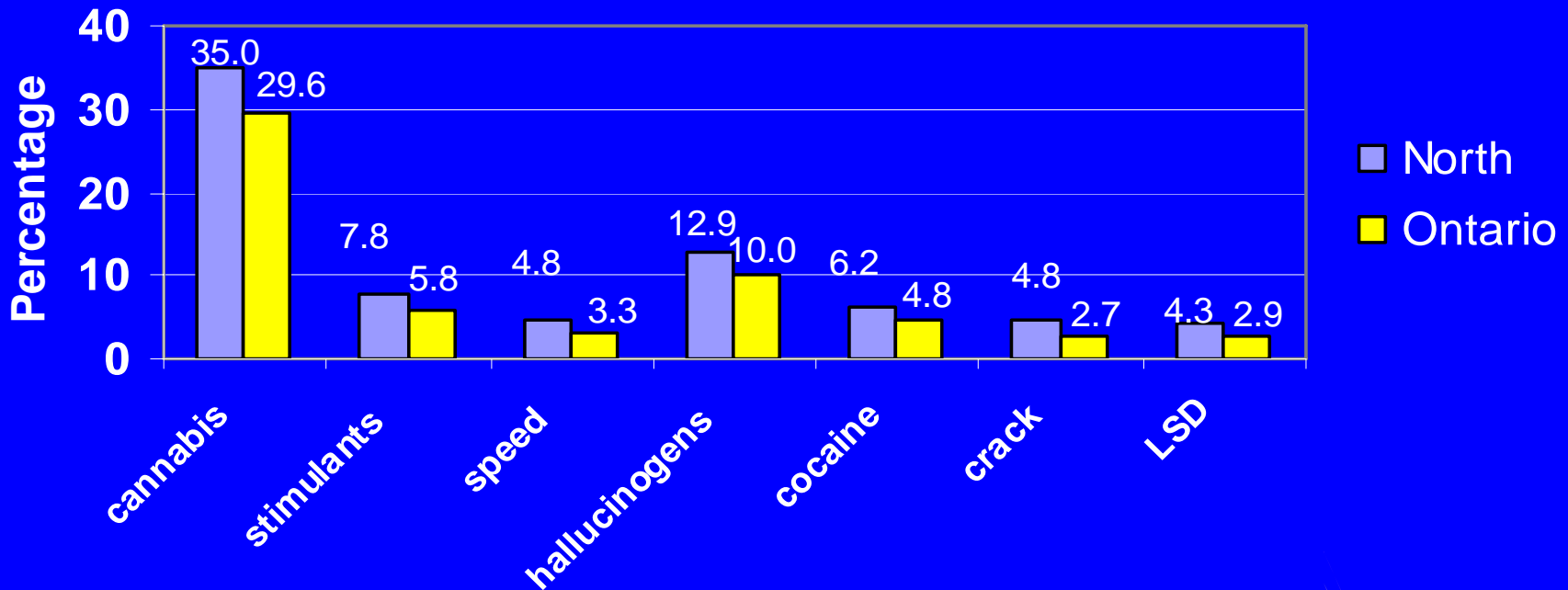
Source: 2003 Ontario Student Drug Use Survey



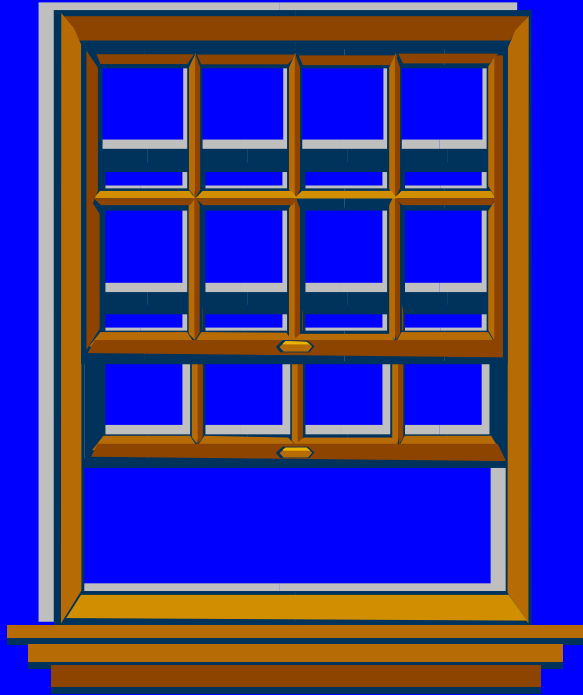


Student risk behaviour

Reported Drug Use Grade 7-12



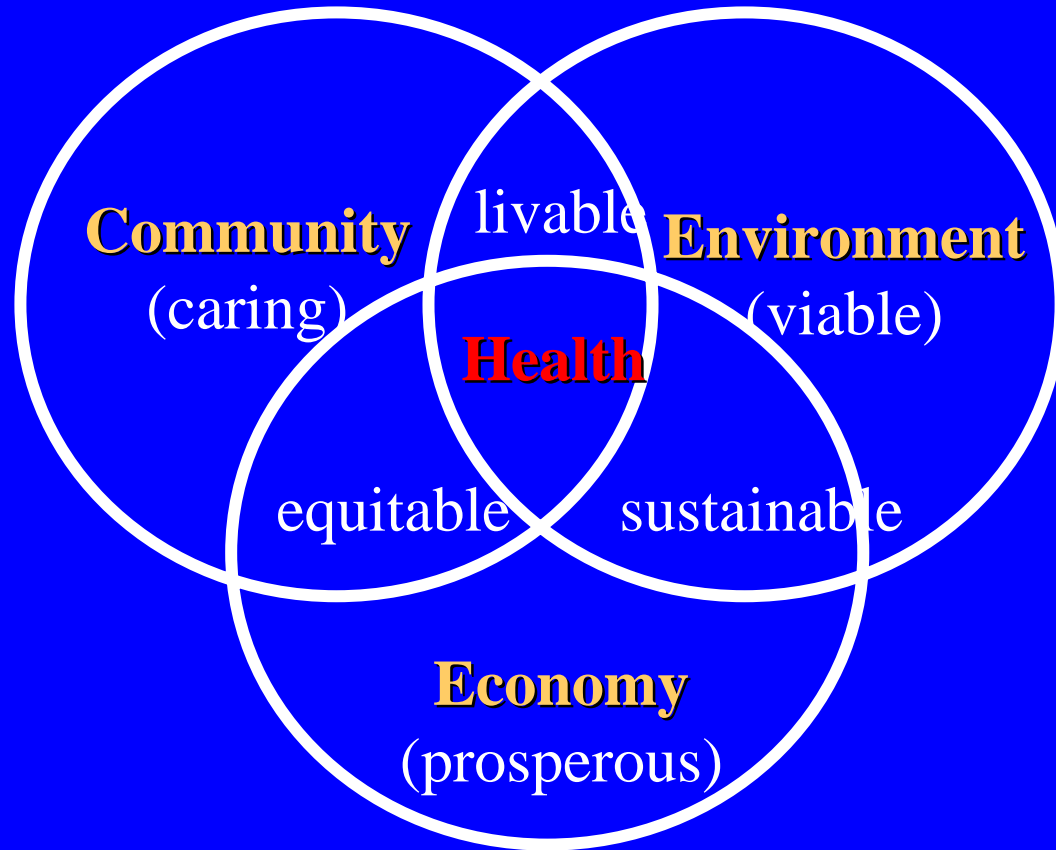
Source: 2003 Ontario Student Drug Use Survey



Health unit initiatives -- working in partnership



Working in partnership



Healthy Communities Model adapted from Hancock T. et al 1999

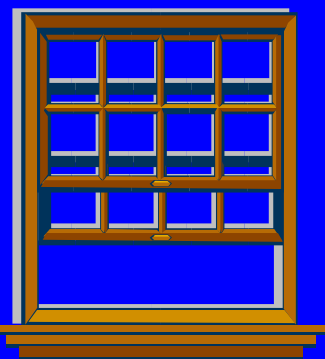
Sudbury & District Board of Health



Health Unit initiatives

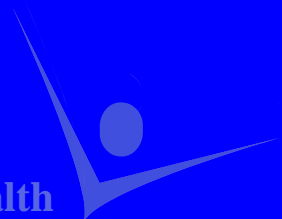
- Board of Health: mandated health programs and address local health needs
- Highlights on the horizon:
 - Focus community project
 - Climate change
 - Obesity initiative
 - Sudbury soils study
 - Pandemic influenza planning
 - School asthma project
 - Tobacco initiatives
- Participation in provincial public health renewal





Sudbury FOCUS Community Project

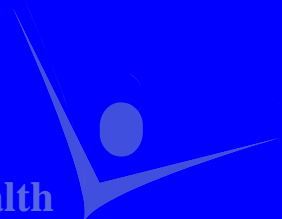
- Purpose:
 - To raise awareness in our community about the harmful effects of alcohol and drug use, and injuries related to substance abuse.
- Key accomplishments (> 30 partners):
 - 38 projects completed in 2004-2005
 - Municipal Alcohol Policy Development
 - 7 projects targeted Francophone community (14,500)
 - 4 projects targeting First Nations community (430)
 - 11 projects targeting youth, reaching 2500 students





Climate Change

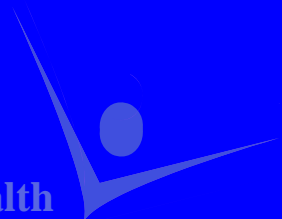
- Purpose
 - To prevent or reduce adverse health outcomes resulting from climate change.
- Key accomplishments
 - One-Tonne Challenge
 - Adverse weather/smog alerts
 - Children's Water Festival (first in the north!)
 - Emissions campaign (anti-idling, alternate modes of transportation, Clean Air Sudbury)
 - Waste and energy management





Obesity initiative

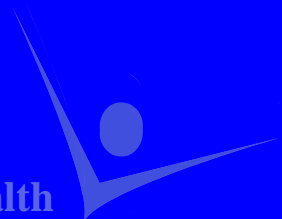
- Purpose
 - Create a community-based framework for the Sudbury and Manitoulin district areas to reduce obesity rates
- Key accomplishments
 - Hosted a Community Forum (June 6 & 7, 2004)
 - Formation of Steering Committee and Working Group
 - Development of an Action Plan (May 31, 2005)
 - Multi-sectoral partnerships to steer and implement action plan





Sudbury Soils Study

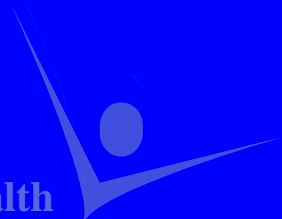
- Purpose
 - Human Health (HHRA) and Ecological Risk Assessment (ERA) launched in 2003 to determine potential health or ecological risks related to metals from historical mining and smelting
- Key accomplishments
 - Oversight role for study with MOE, City of Greater Sudbury, Health Canada, Inco, Falconbridge
 - Critical appraisal of study from public health perspective
 - Expected completion August 2006





Pandemic influenza planning

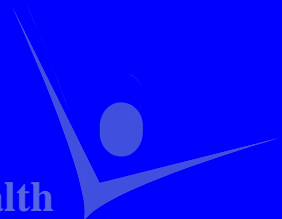
- Purpose
 - A comprehensive region-wide approach to pandemic flu planning that complements the Ontario and Canada pandemic influenza plans.
- Key accomplishments
 - Draft plan being progressed with community partners' input
 - Presentations and walk through activities planned over the next few months with partners, aims to engage the whole community
 - Involvement at the provincial level of planning
 - Ongoing preparation, planning and review to ensure the SDHU plan is accurate, timely and readily accessible to the community





School asthma project

- Purpose
 - Create asthma-friendly schools such that school-aged children become successful managers of their own asthma, reducing morbidity and mortality
- Key accomplishments
 - 34 elementary schools from the Rainbow District School Board and the Sudbury Catholic District School Board are involved in the project
 - Implementation of Asthma Friendly Guidelines



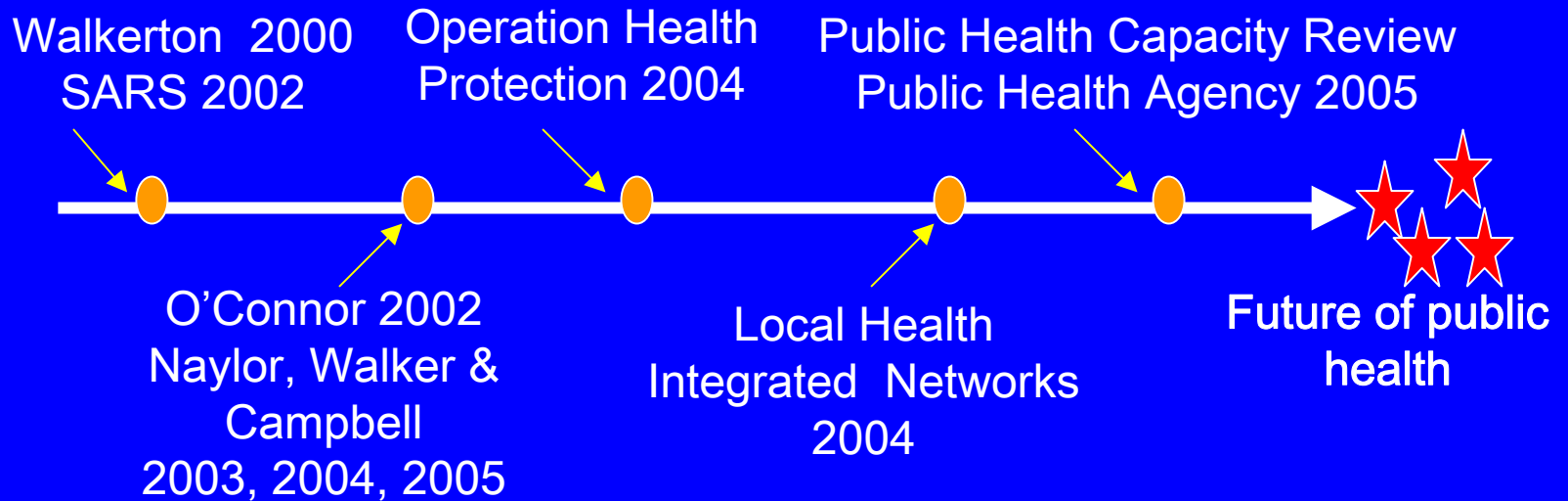


Tobacco initiatives

- Purpose
 - Reduce morbidity and mortality from tobacco use through cessation, prevention and protection.
- Key accomplishments
 - Municipal by-law development (10/19)
 - 100% provincial ban
 - Not To Kids program and mass media campaigns (Smoke-Free Movies, Breathing Space, Young Francophone Adult Smoking Cessation)
 - Future direction includes implementation of provincial smoke-free legislation and enhanced cessation programming



Participating in provincial public health renewal





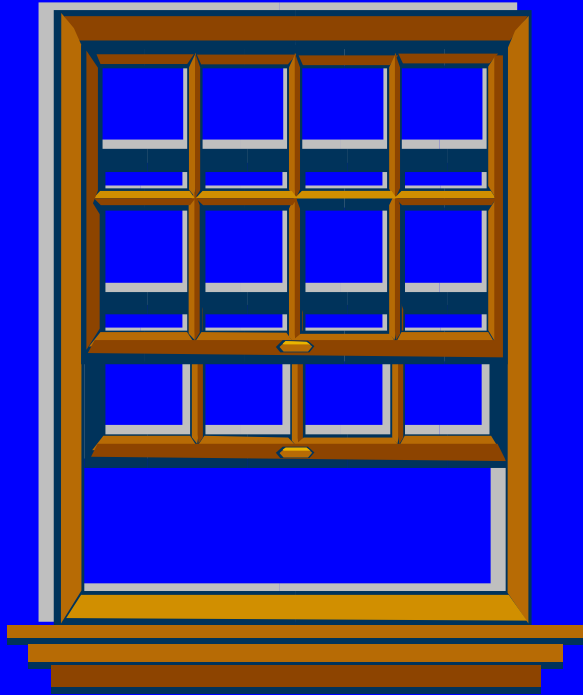
Shaping it...



Window on Health



Sudbury & District Board of Health



Window on Health

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