

Healthy Canada by Design Knowledge Exchange Colloquium



City of Toronto

- Toronto has a population of approximately 2.6 million
- Toronto is one of the world's most diverse and multicultural cities.

Toronto Public Health (TPH)

- Mission: To reduce health inequalities and improve the health of the whole population
- TPH has 1,900 employees and is the largest local Public Health agency in Canada



Examples

- **City Planning**
- **Transportation**
- **Clean Air and Climate Change**
- **Toronto Community Health Profiles**
- **CLASP Built Environment & Health Initiative**

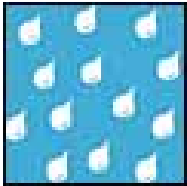




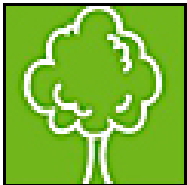
- **Official Plan**



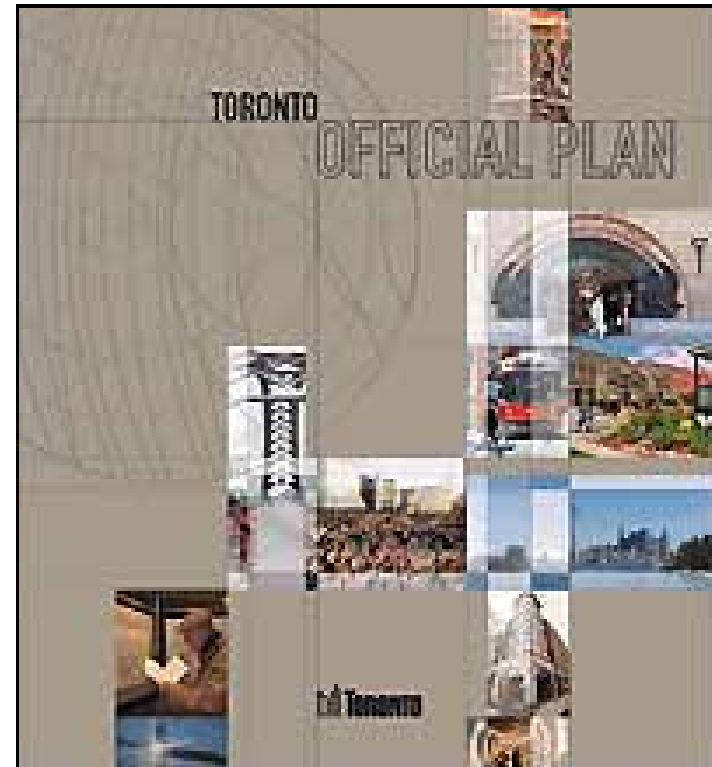
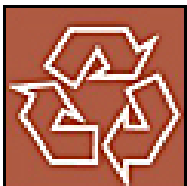
- **Development Review**



- **Toronto Green Standards**



- **Provincial Policy Statement**



- Air Pollution Burden of Illness from Traffic in Toronto
- Complete Streets Forum
- Walking Strategy
- Built Environment Audits



“This is something everyone knows: A well-used city street is apt to be a safe street. A deserted city street is apt to be unsafe.”

— Jane Jacobs

ChemTRAC

South Riverdale and Beaches Study

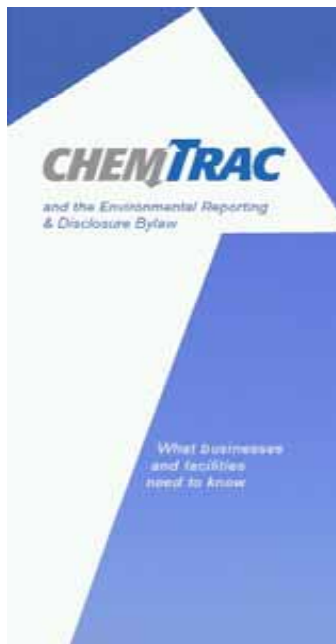
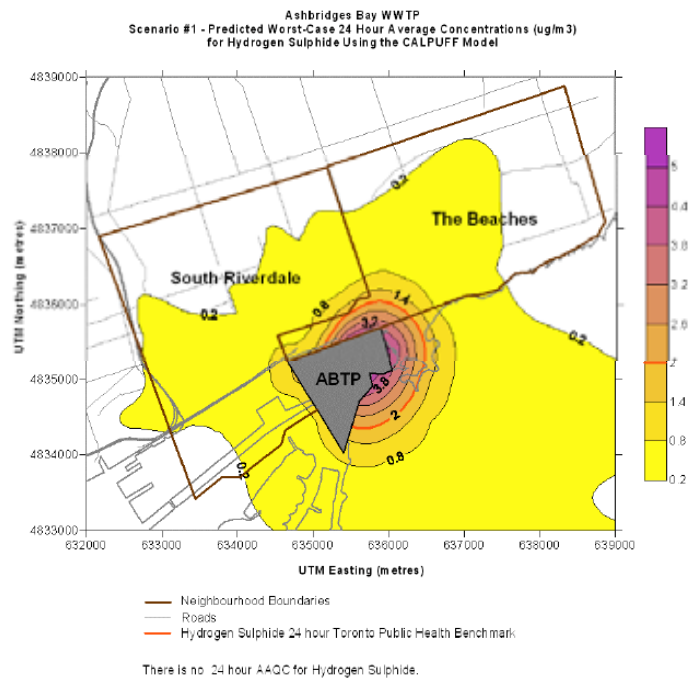


Figure 7-1 24-hour Average Hydrogen Sulphide Concentrations for Scenario #1



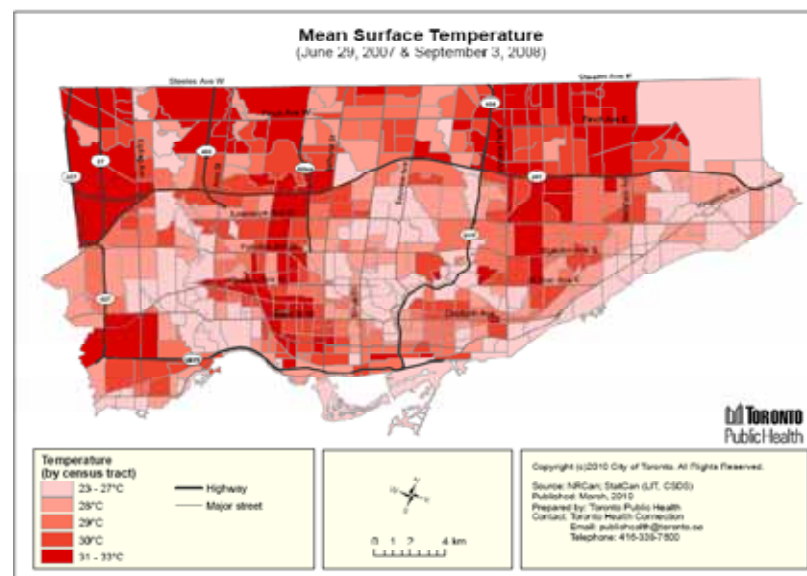
Climate Change, Clean Air and Sustainable Energy Action Plan

Climate Change Adaptation Strategy

Heat Response System

Heat Vulnerability Assessment

Tower Renewal



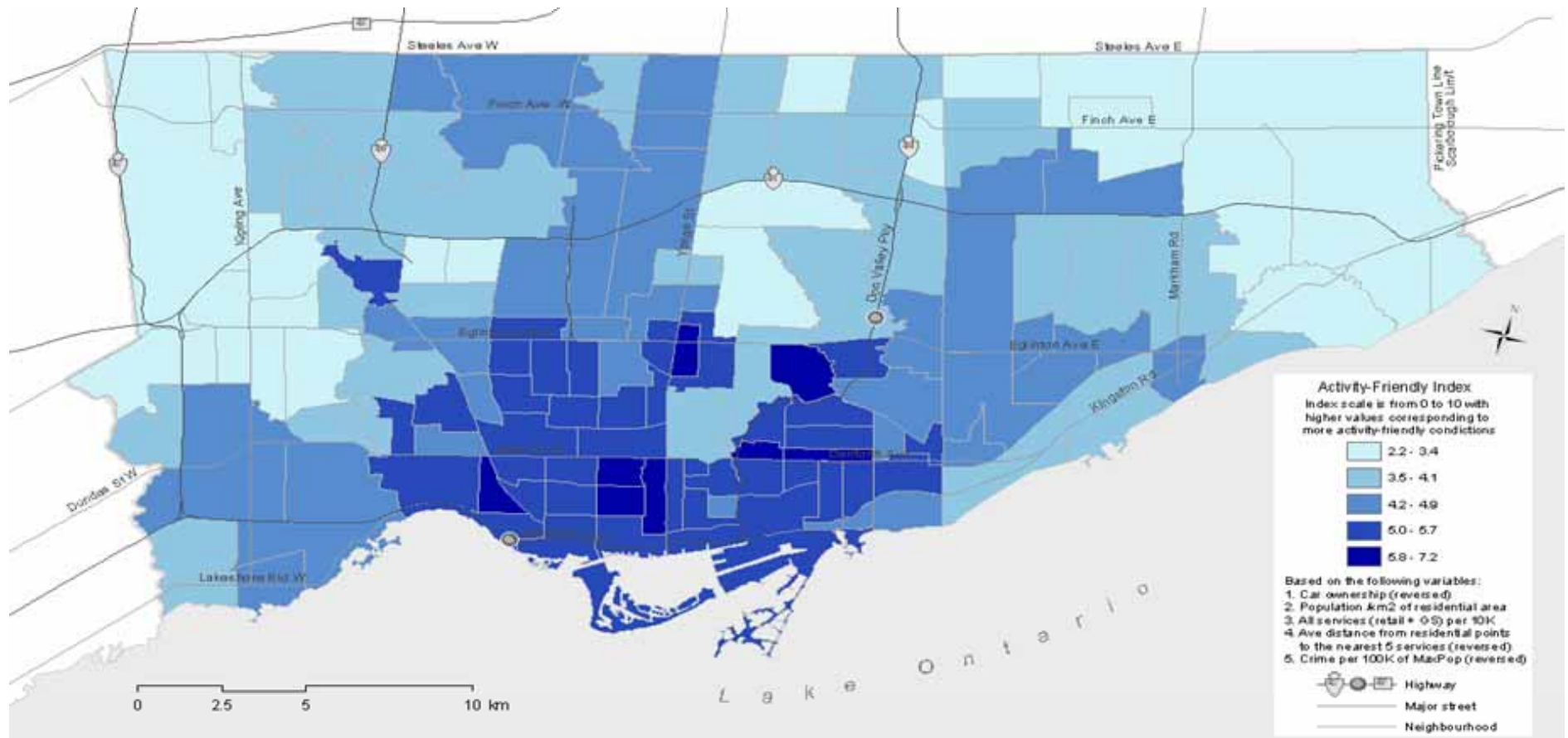
Health data and mapping at neighbourhood level

Partnership:

- Toronto Public Health
- Centre for Research on Inner City Health – St. Michael's Hospital
- South East Toronto Organization (SETO)
- Wellesley Institute
- Access Alliance (Multicultural Health and Community Services)

Open access www.torontohealthprofiles.ca

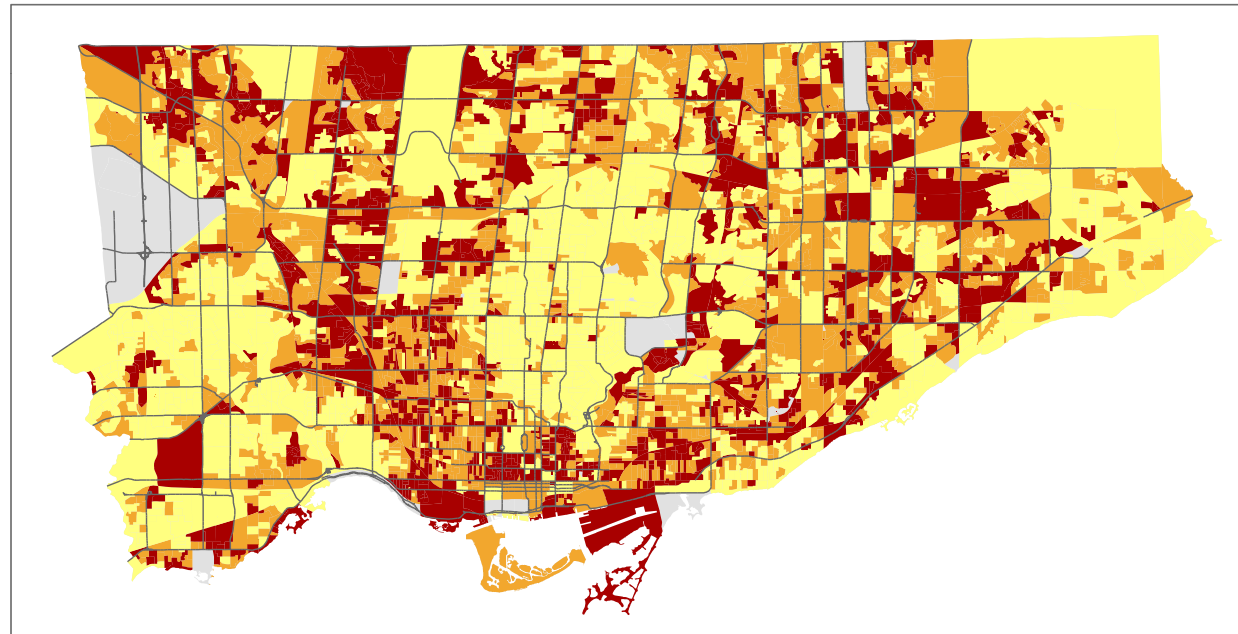
Activity-Friendly Index by neighbourhood, 2001-2004




Booth GL, Creatore MI, Gozdyra P, Ross K, Weyman J, Glazier RH. Neighbourhood Infrastructure and Health. In: Glazier RH, Booth GL, Gozdyra P, Creatore MI, Tynan AM, editors. Neighbourhood Environments and Resources for Healthy Living—A Focus on Diabetes in Toronto: ICES Atlas. Toronto: Institute for Clinical Evaluative Sciences; 2007. p. 138.


Low Income Families in the City of Toronto, by Dissemination Area, 2001

Low Income Families in the City of Toronto, by Dissemination Area, 2001





*Low Income Families (%)

 < 10.7 (871)

 10.7 - 22.7 (1295)

 > 22.7 (1289)

 No Data

 Street

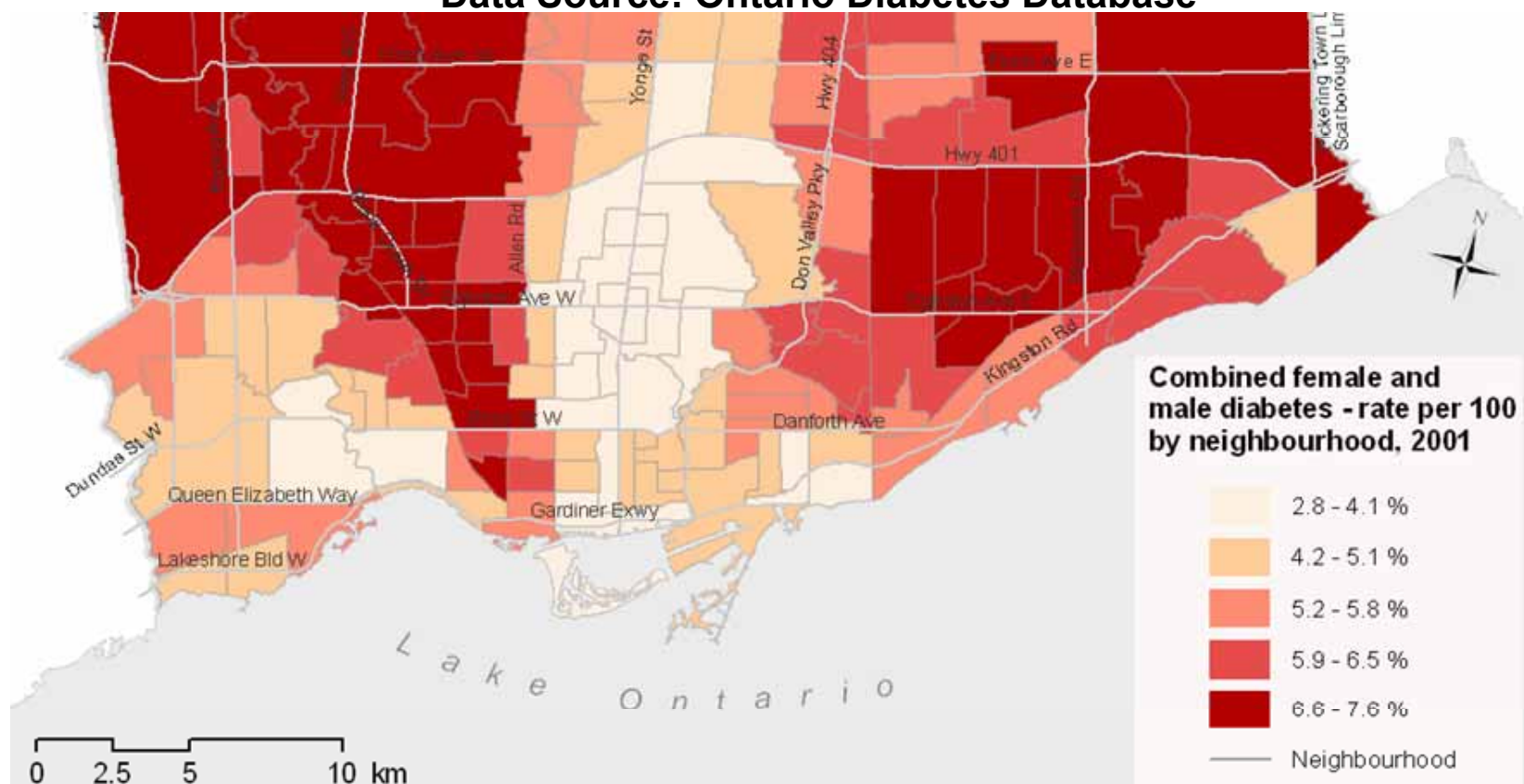
*Low income values classified using quantile method



Projection: UTM Nad 1983 Zone 17N
Source: Statistics Canada, 2001

Diabetes Prevalence by Neighbourhood Toronto 2001-2002

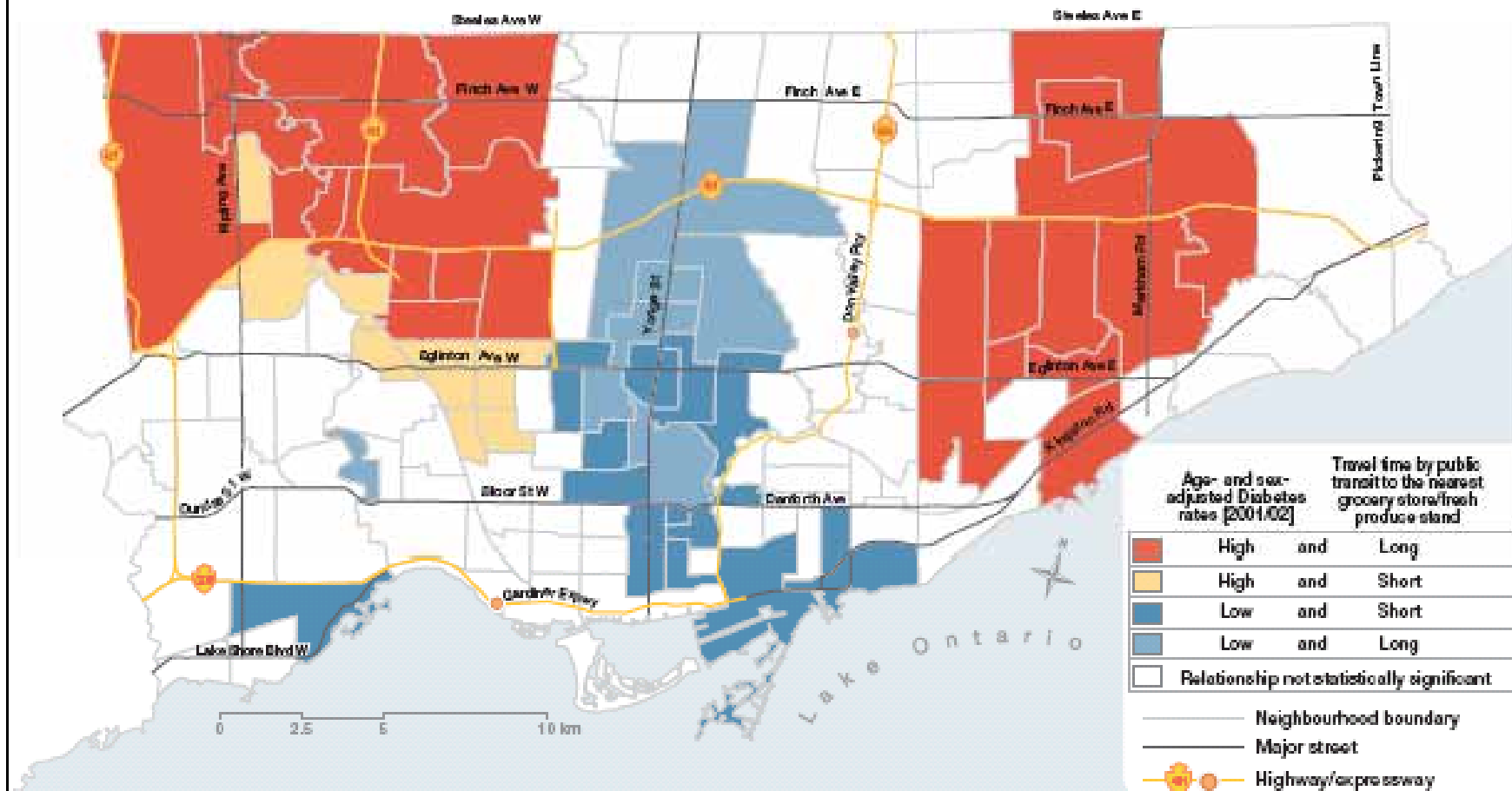
Data Source: Ontario Diabetes Database



Booth GL, Creatore M, Gozdyra P and Glazier R. Patterns of Diabetes Prevalence, Complications and Risk Factors In: In: Glazier RH, Booth GL, Gozdyra P, Creatore MI, Tynan AM, editors. Neighbourhood Environments and Resources for Healthy Living—A Focus on Diabetes in Toronto: ICES Atlas. Toronto: Institute for Clinical Evaluative Sciences; 2007. p. 23.

Diabetes and Food Access

Spatial Relationship Between Diabetes Prevalence Rates and Travel Time to the Nearest Grocery Store/Fresh Produce Stand by Public Transit



CLASP – Software Tool and Residential Preferences Survey



An initiative of:

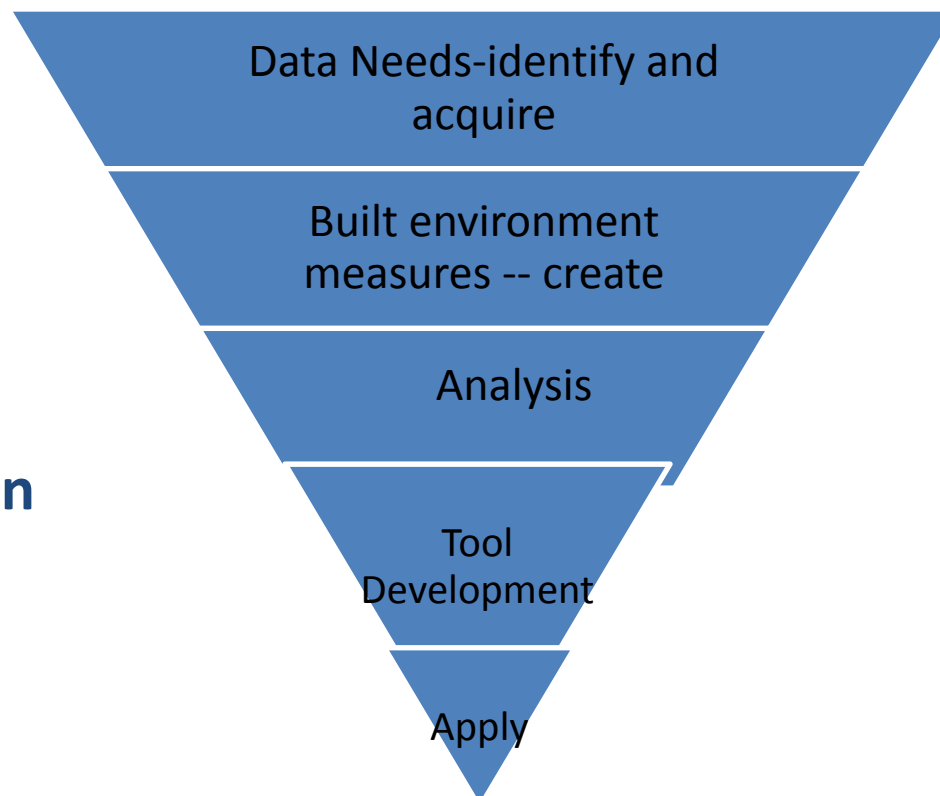


- **Refinement and Implementation of Software Tool**
- **Residential Preferences Survey**



- **Description**
- **Work Completed to Date**
- **Next Steps**
- **What was done different than originally planned?**

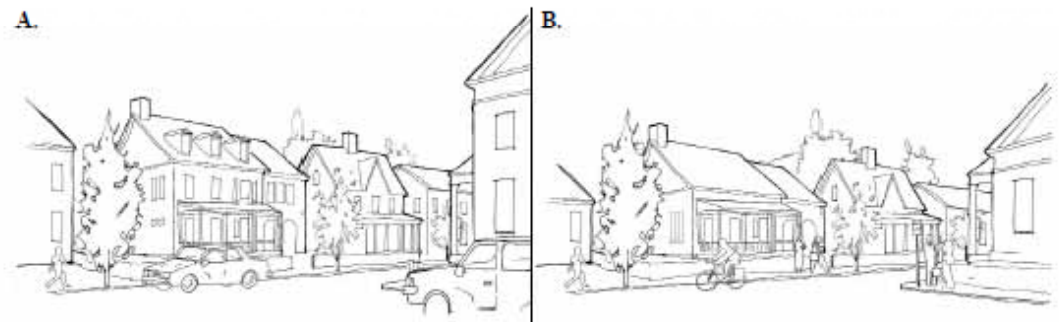
Software Tool – Development Approach



CLASP Residential Preferences Survey Project

- Description
- Work Completed to Date
- Next Steps
- What was done different than originally planned?

Sample Question



If I were to move, I'd like to find a neighborhood ...

A. with larger homes, even if this means I have to drive for all of my trips.

OR

B. where I can walk, bicycle or take public transit for some of my trips, even if this means that the homes are smaller.



- **Avoid underestimating the amount of work involved when one is taking on a major new innovative initiative that has not been undertaken in Canada before.**
- **Unpredictable twists and turns will occur with innovative work.**
- **Be agile and able to adapt to constant change.**
- **Work creatively to solve problems to reach a solution agreeable to all parties.**



Challenges:

- Software Tool Data Access & Sharing
- Understanding “who does what” related to Built Environment & Health



Aspirations:

- Built Environment & Health Strategy
- Pilot Testing Initiatives
- Policy Development



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