OCHPP
Ontario Community
Health Profiles Partnership

A partnership designed to facilitate access to information for health planning with the overall goal of producing action to reduce health inequalities.

Ontario Community Health Profiles Partnership Project (OCHPP)
Centre for Urban Health Solutions, St. Michael's Hospital

Presentation for
Cancer Care Ontario & Ontario Palliative Care Network Secretariat

July 24, 2017

OCHPP Team

Rick Glazier, Peter Gozdyra, Nadiya Minkovska, Mohammad Agha, Gary Moloney, Kaveh Khalilian, Anne-Marie Tynan

Agenda

Part 1 Introduction & Overview (15 minutes)

- Welcome, introductions, format for session (Anne-Marie Tynan, C-UHS; Nathalie CCO)
- About the Toronto/Ontario Community Health Profiles Partnership (OCHPP) Project – origins, data sources, indicators, partners) (Rick Glazier, C-UHS)
- Questions?

Part 2 Geography Primer + Linkage to Health Data (25 minutes)

- Geography 101: A GIS Primer – A review of current and new Ontario geographies (Peter Gozdyra, C-UHS)
- Questions
- Data linkages – How we link health data to place (Mohammad Agha, C-UHS)
- Questions?

Part 3 The OCHPP website – overview and data (45-50 minutes)

- The OCHPP website – www.ontariohealthprofiles.ca – overview of the site
- Data tables, maps and data standards – posting on the OCHPP site.
- Other functionality
- Questions?

OCHPP
Ontario Community
Health Profiles Partnership

A partnership designed to facilitate access to information for health planning with the overall goal of producing action to reduce health inequalities.

The Ontario Community Health Profiles Partnership: Origins, Data Sources, Indicators & Partners

Rick Glazier

How the partnership started

Overall goals of the partnership

- Foster **collaborations & partnerships** between health services providers, researchers and policy-makers
- Facilitate **access to health information** to support planning
- Maximize the **effective use of system resources** for planning
- **Increase capacity** of health service providers to use health information
- Deepen **understanding of health inequities** and how to measure, monitor and reduce them.

Focus of the partnership

- Vulnerable populations
- Neighbourhood-level areas with greatest health needs
- Multiple barriers to access
- Translation and cultural interpretation priorities
- Equity

What gaps are we filling?

- Producing health indicators for communities and service providers to:
  - ✓ **Reduce duplication** of work
  - ✓ **Maximize efficiency and productivity** by collaborating and sharing
  - ✓ Use **common** definitions, data standards, methods, quality assurance
  - ✓ Create a **single point of access** for health indicators **on website**
  - ✓ Provide **information and training**

The OCHPP Website

- In 2005 the Toronto Community Health Profiles Partnership launched the Toronto Community Health Profiles Partnership/Website with the purpose of making detailed, area-level health data available to everyone.
- Data available on freely accessible portal
- Updated regularly with latest data
- “Partners” have access to local area geography, a team of experts & custom requests

Access to numerous data sources

- Physician services (OHIP)
- Hospitalizations (CIHI, OMHRS)
- Emergency Department visits (NACRS)
- Vital Statistics (Office of the Registrar General of Ontario)
- Specialized databases (Cytobase, Ontario Breast Screening Program)
- Chronic disease provincial registries (Diabetes, Asthma, COPD, ODD etc.)
- Census (1991, 1996, 2001, 2006, 2011, 2016)
- Immigration data (CIC) linked to health services use
- Numerous Geographic datasets
- Partner data from Toronto Public Health (e.g. STI, Mothers & Babies)
- Other sources of data that becomes available to us

Current indicators on the website

- Socio-demographic Data
- Hospital Admissions
- Emergency Department Visits
- Adult Health and Disease
- Prevention (Cancer Screening)
- Sexual Health
- Mothers & Babies
- Ontario Marginalization Index
- Premature Mortality
- Primary Care (Attachment & Continuity In Care) & Interprofessional Teams
- Children & Youth
- Palliative Care - *new*

Our Partners

- Toronto Central Local Health Integration Network (TCLHIN LHIN)
- Central Local Health Integration Network (CLHIN)
- Institute for Clinical Evaluative Sciences
- Toronto Public Health
- Wellesley Institute
- Access Alliance Multicultural Health & Community Services
- Wellbeing Toronto
- St. Michael's Hospital – Centre for Urban Health Solutions

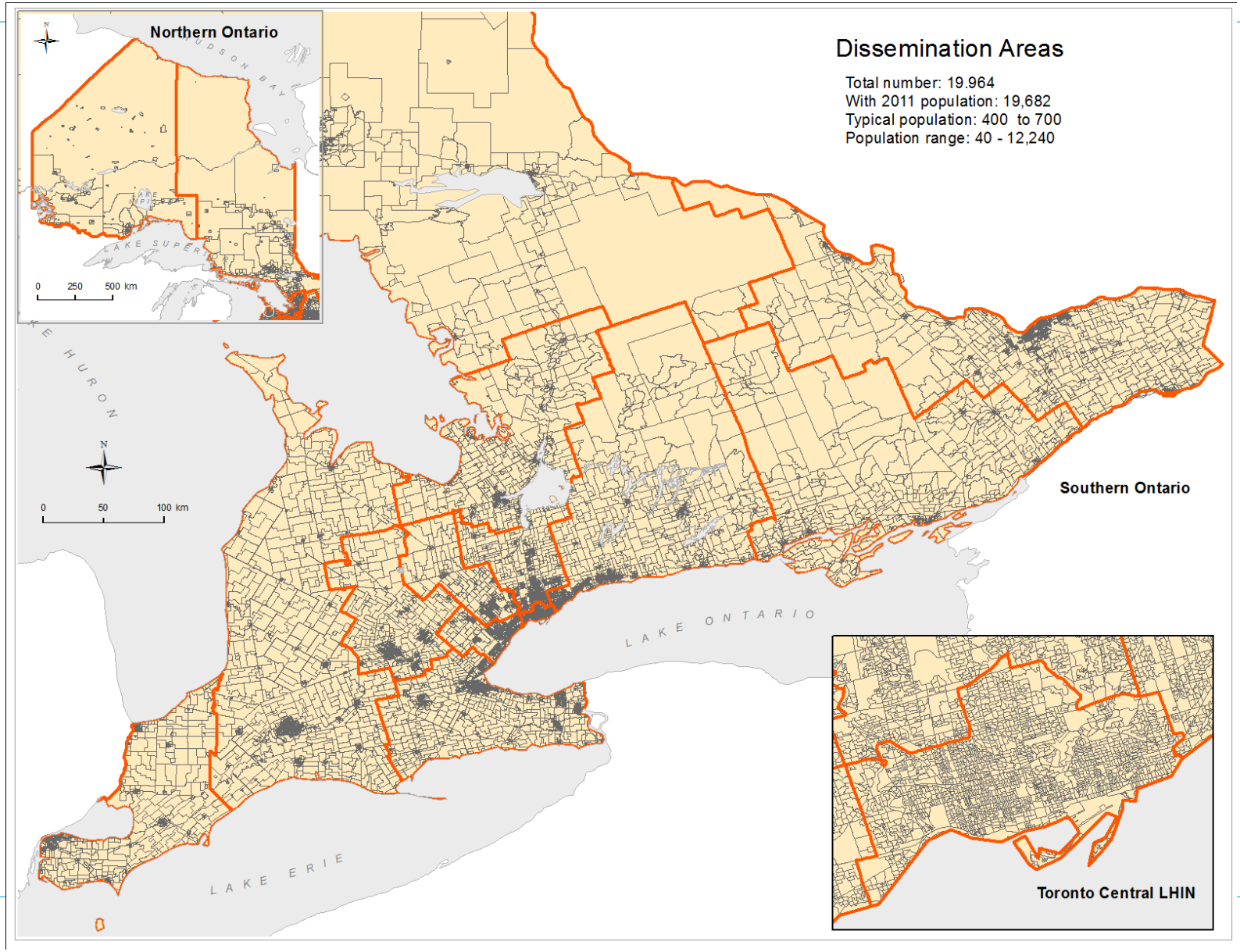
Questions?

Geography 101: Ontario's Geographic Units: Overview & Recent Changes

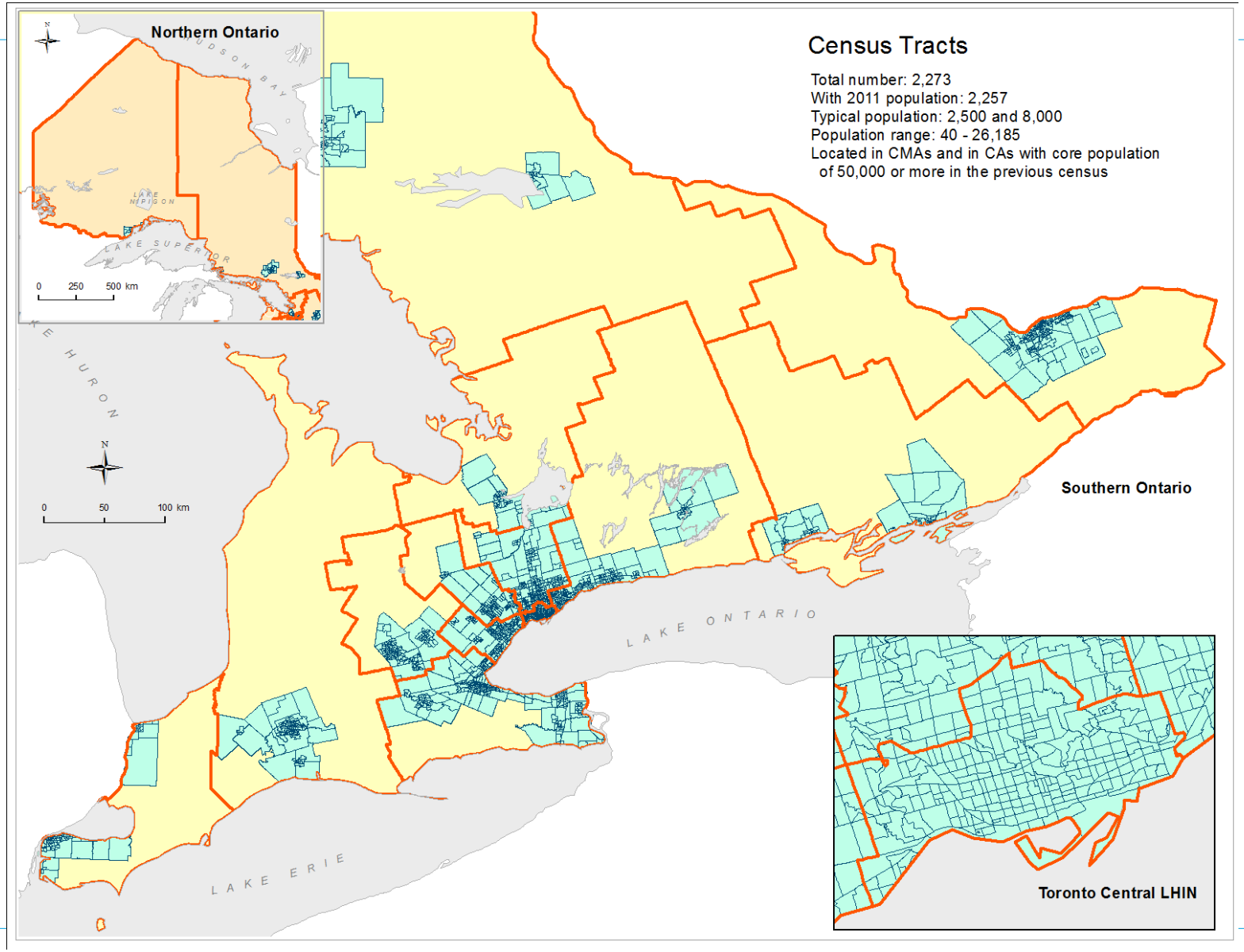
Peter Gozdyra

1. Review of standard geographic units
2. New geographic areas

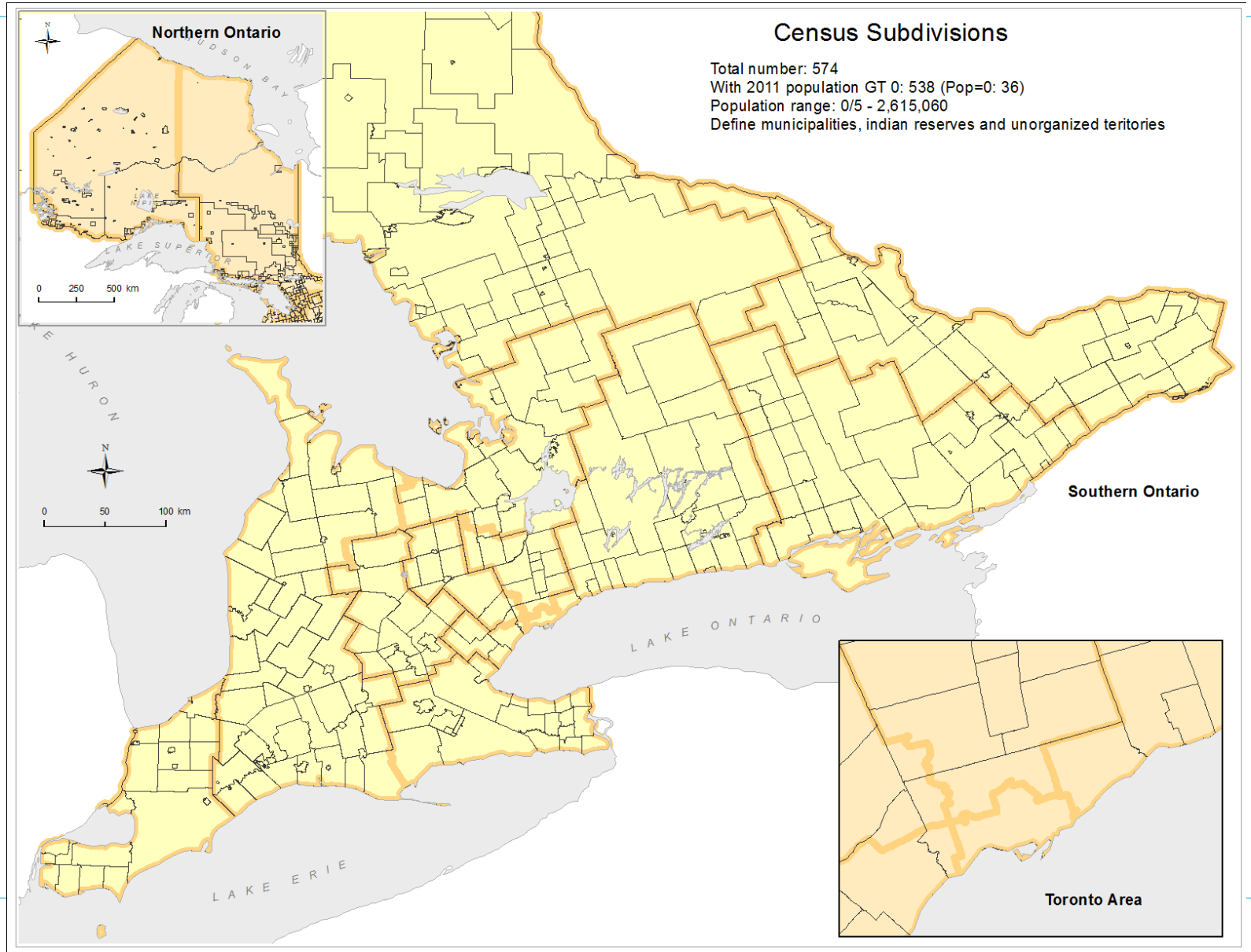
Standard Units – census based



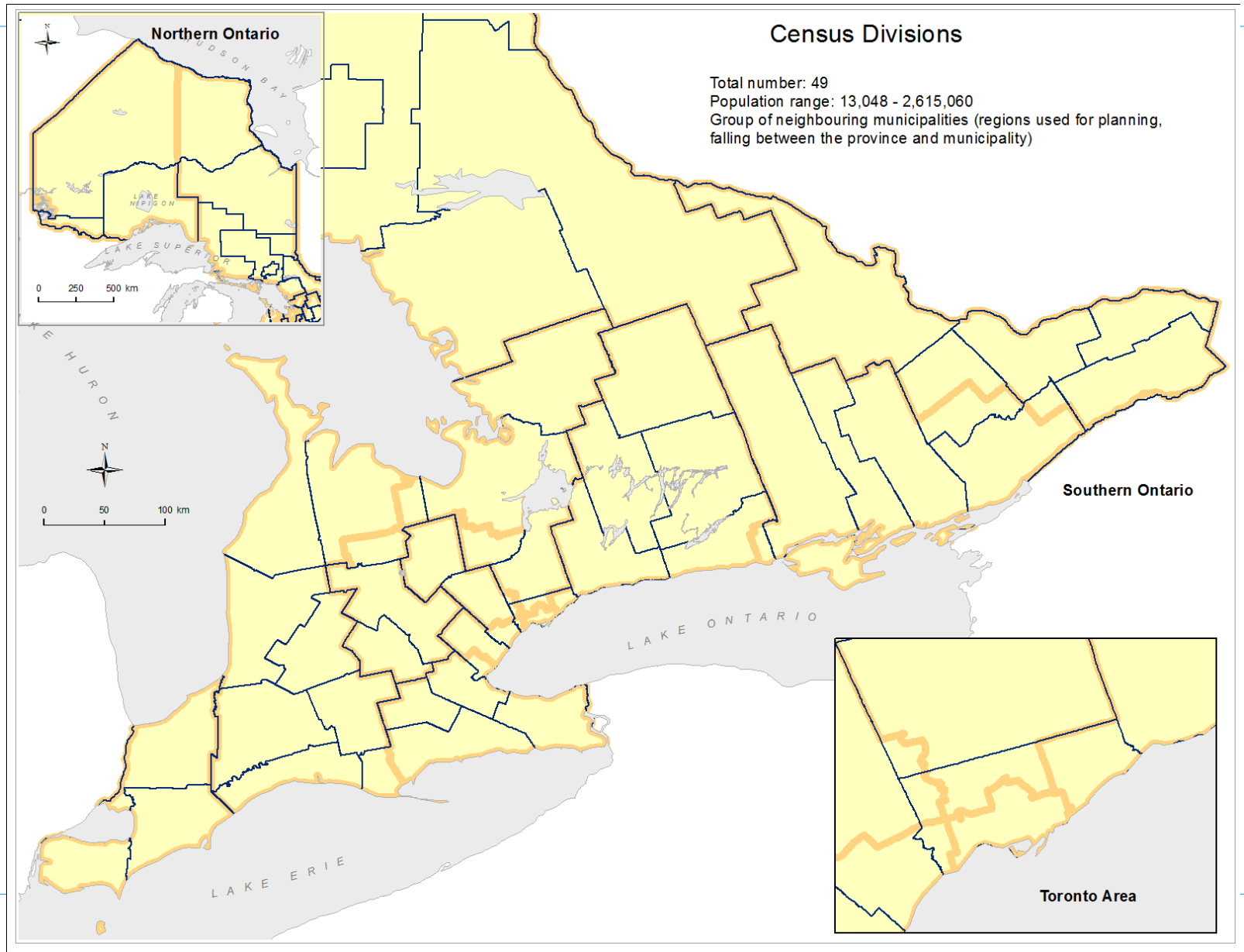
Standard Units – census based



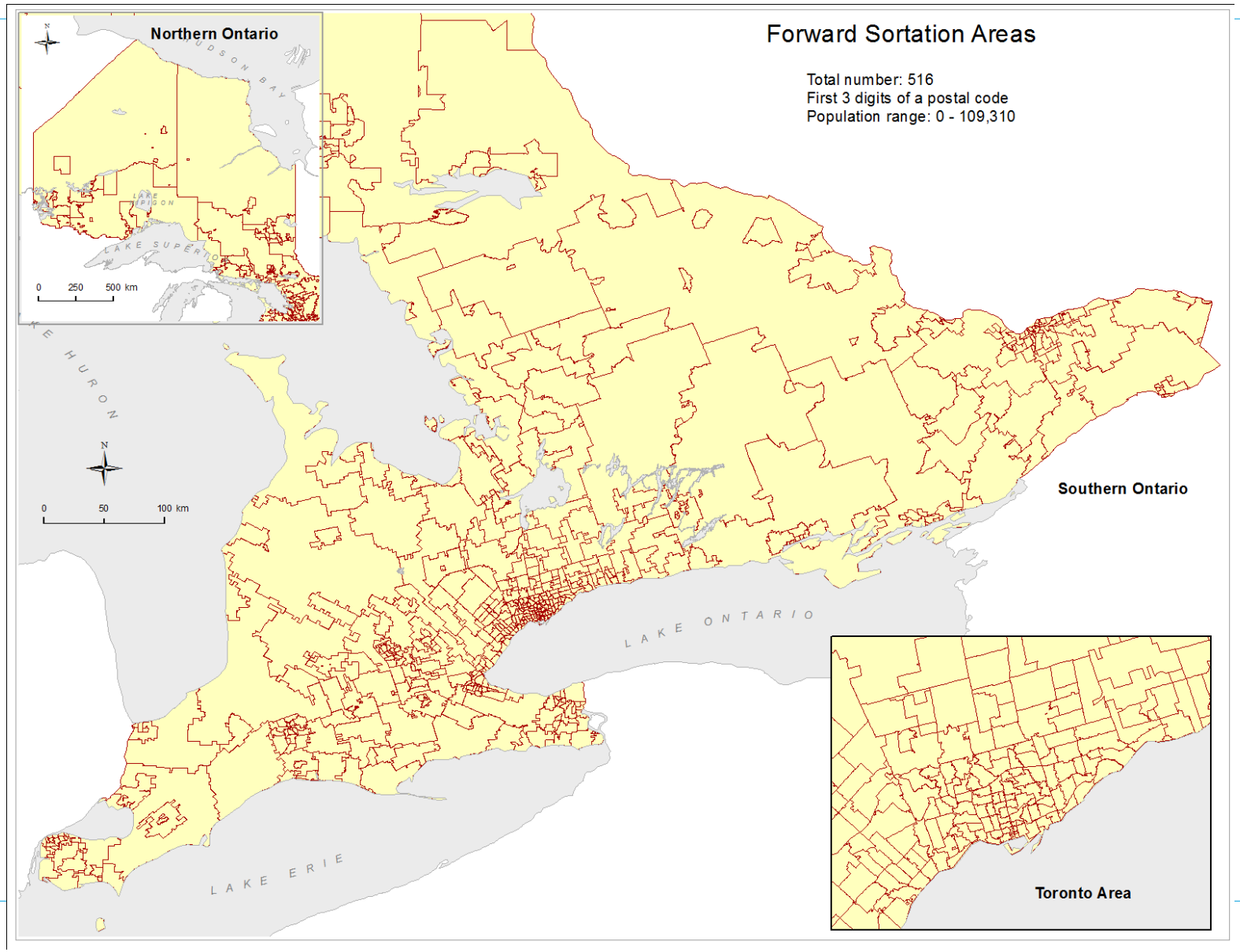
Standard Units – census based



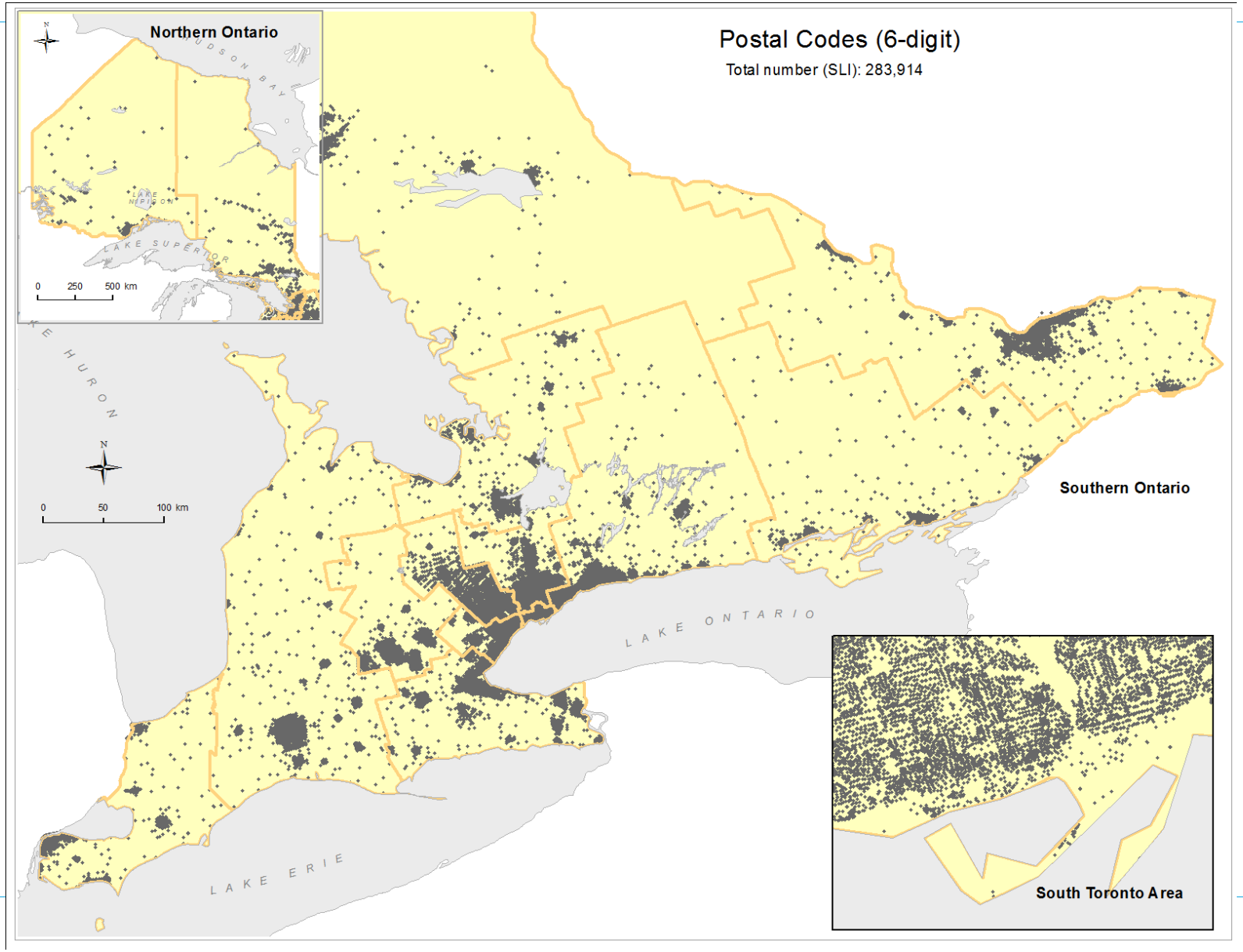
Standard Units – census based



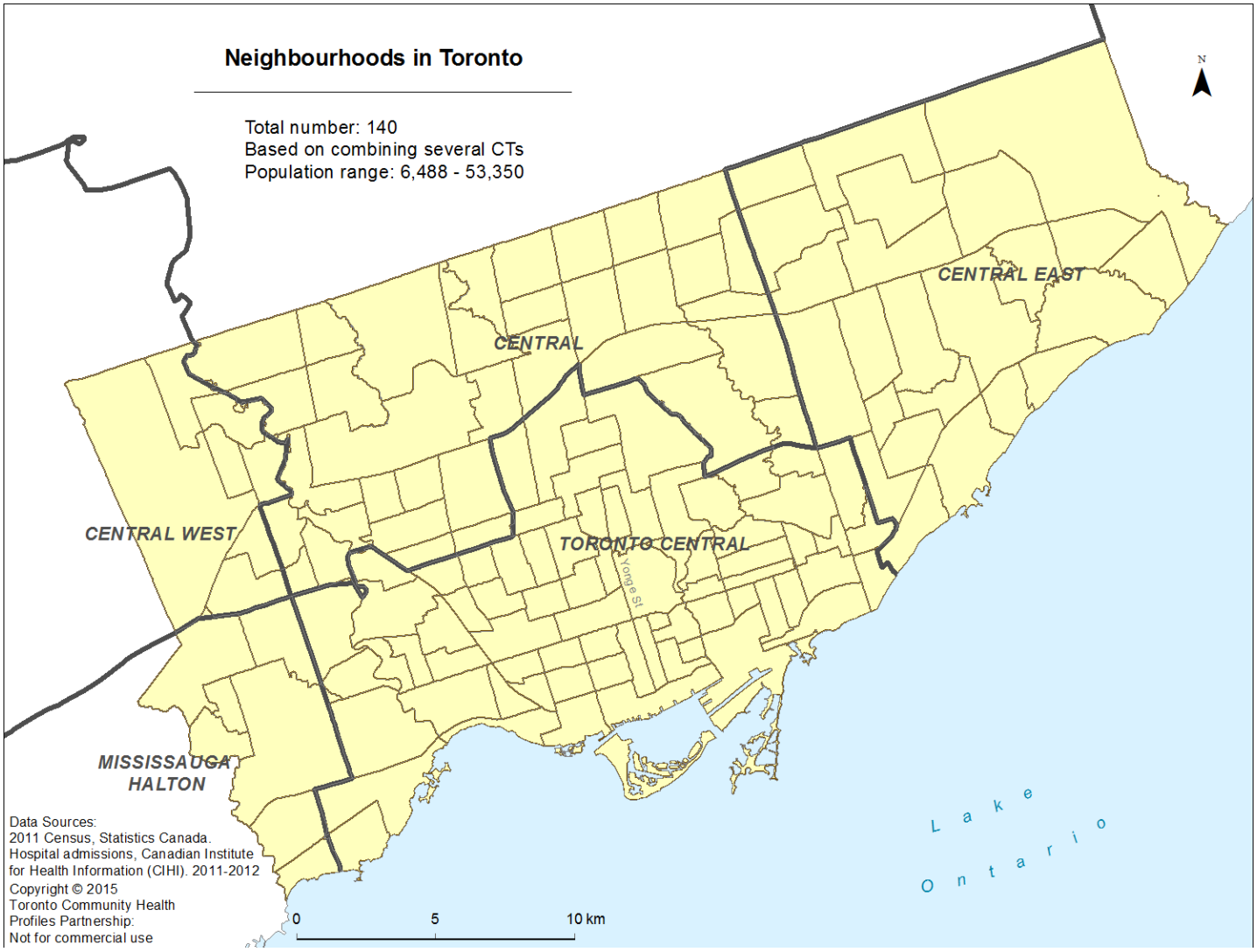
Standard Units – postal based



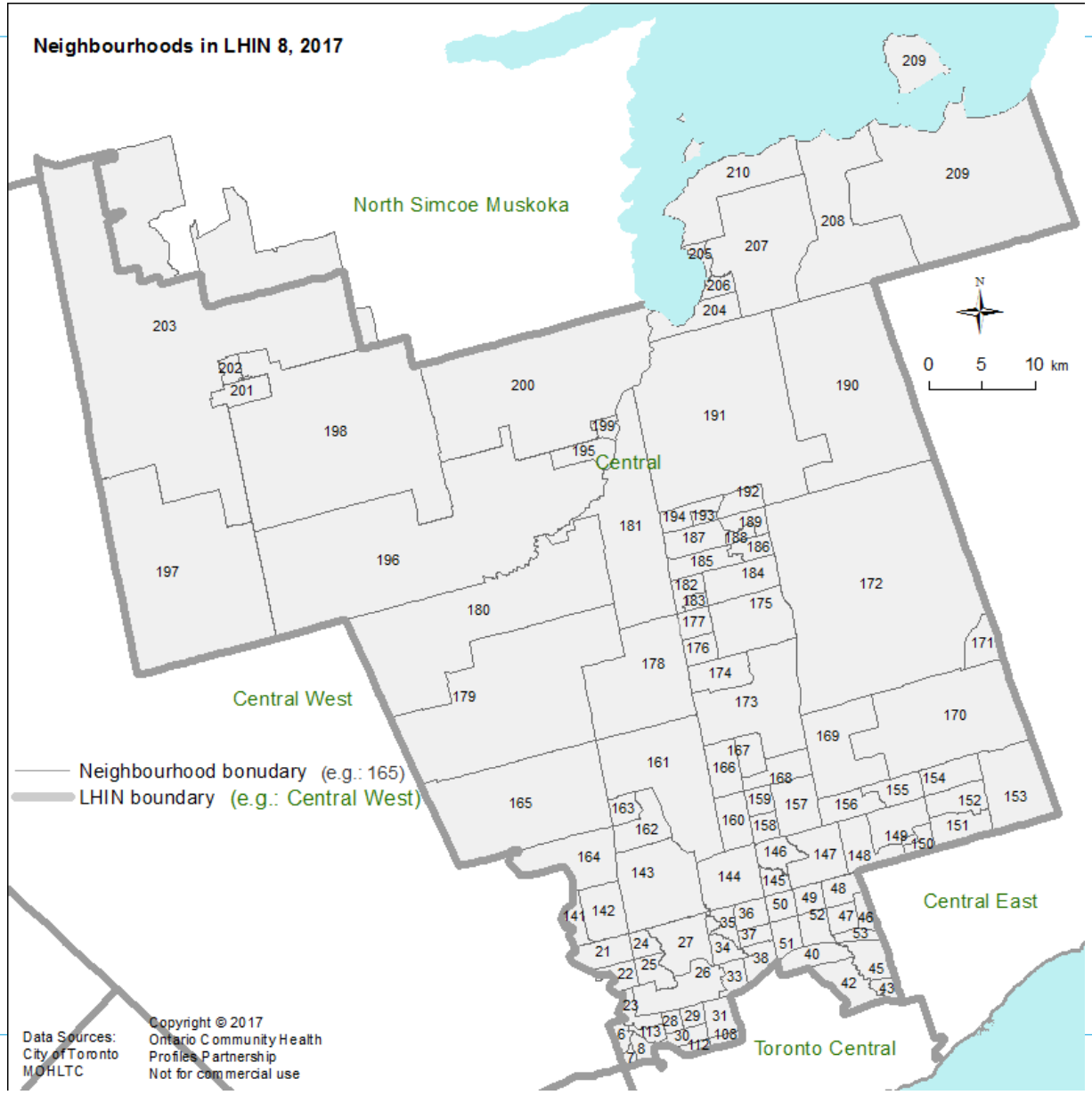
Standard Units – postal based



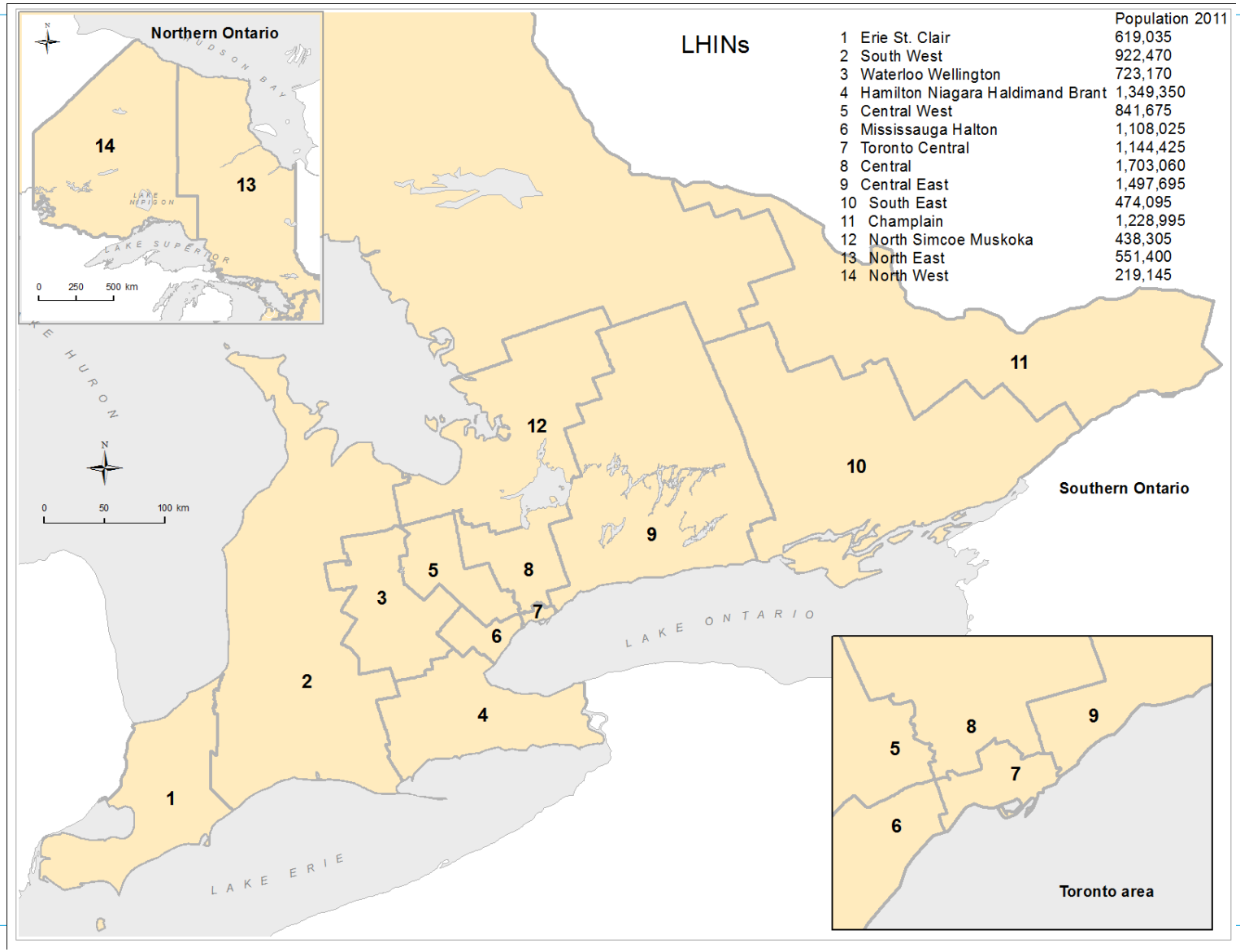
Standard Units – other



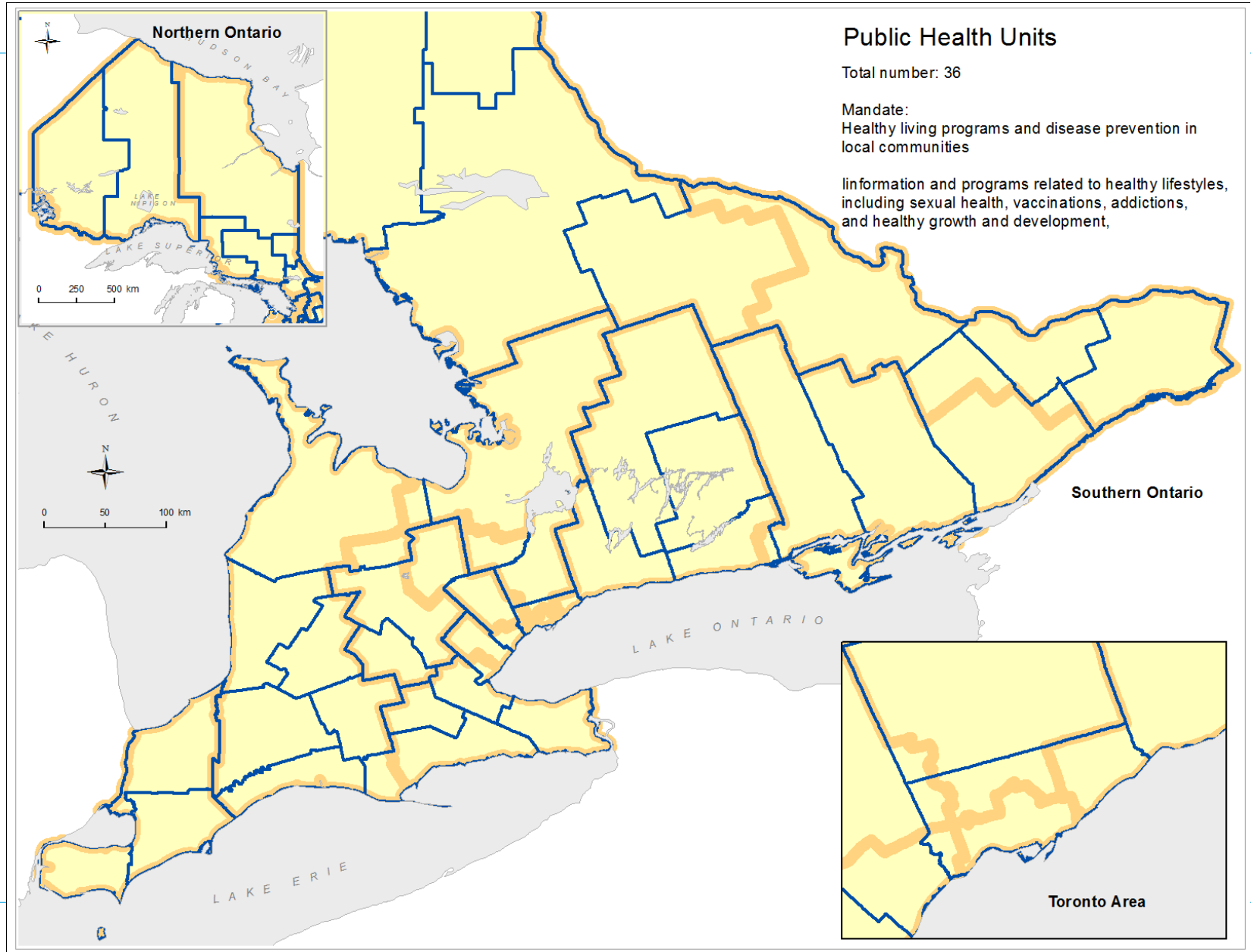
Standard Units – other



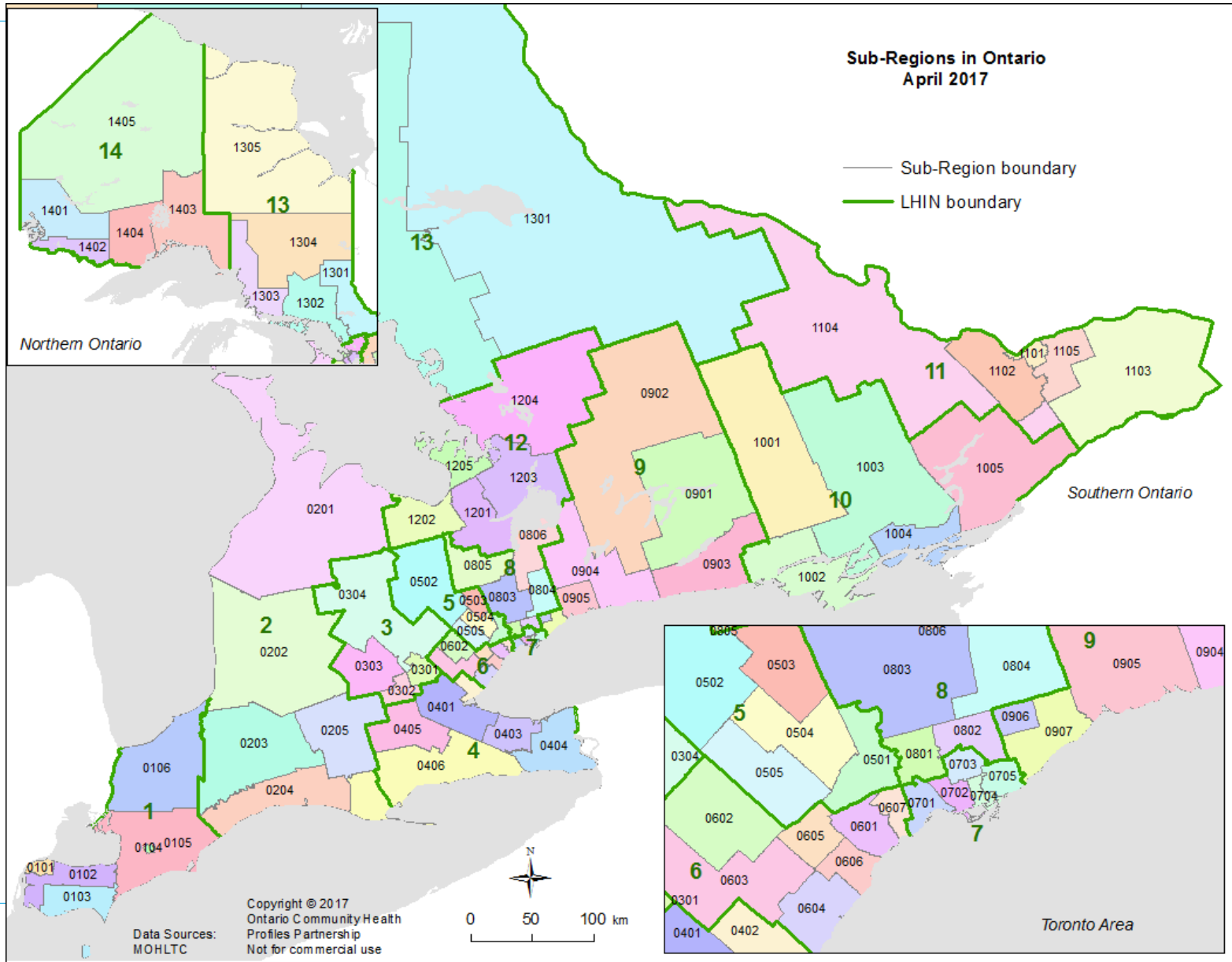
Standard Units – health based



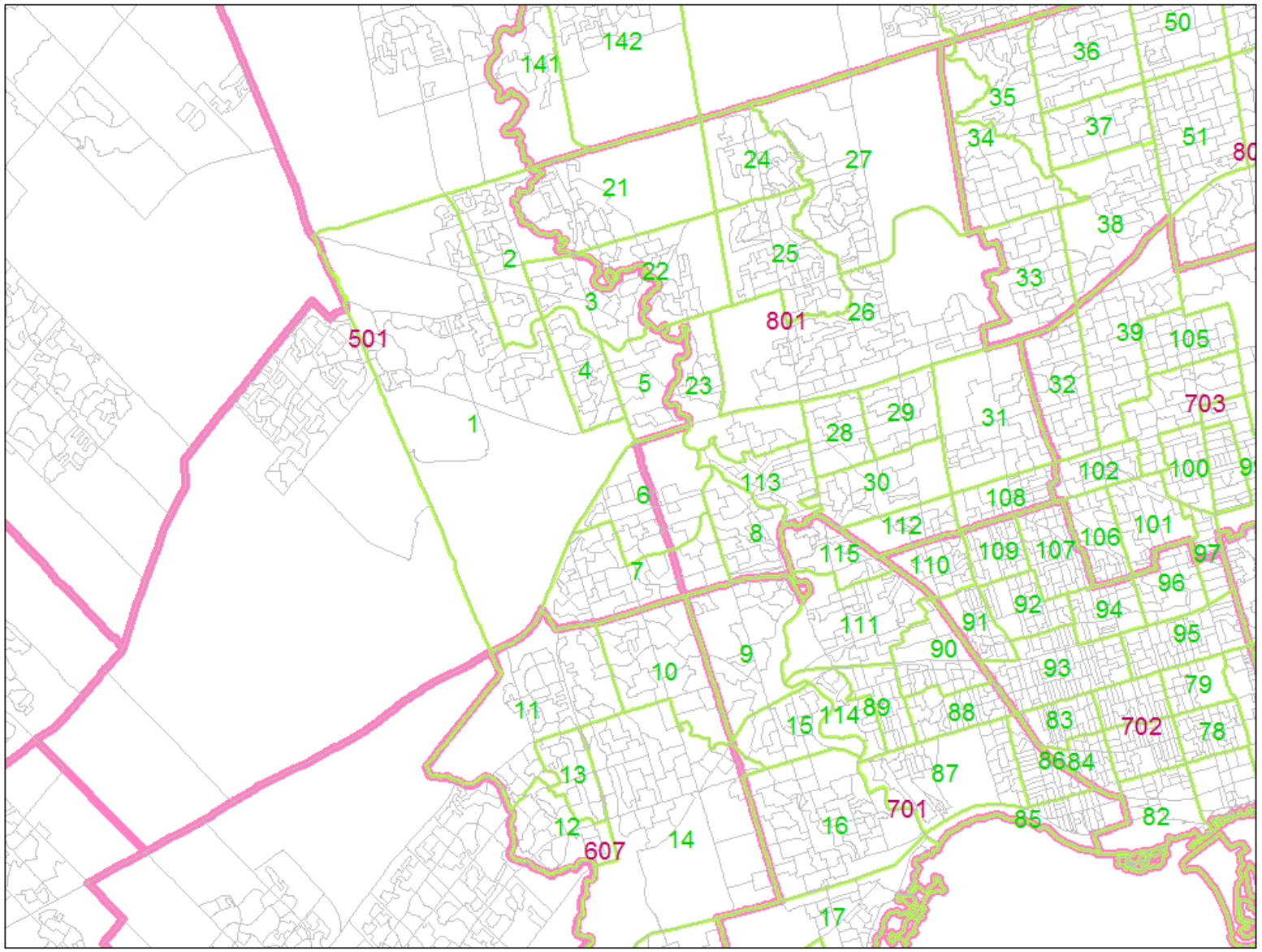
Standard Units – health based



New Geographic Units



Converting from DAs to Neighbourhoods and Sub-Regions

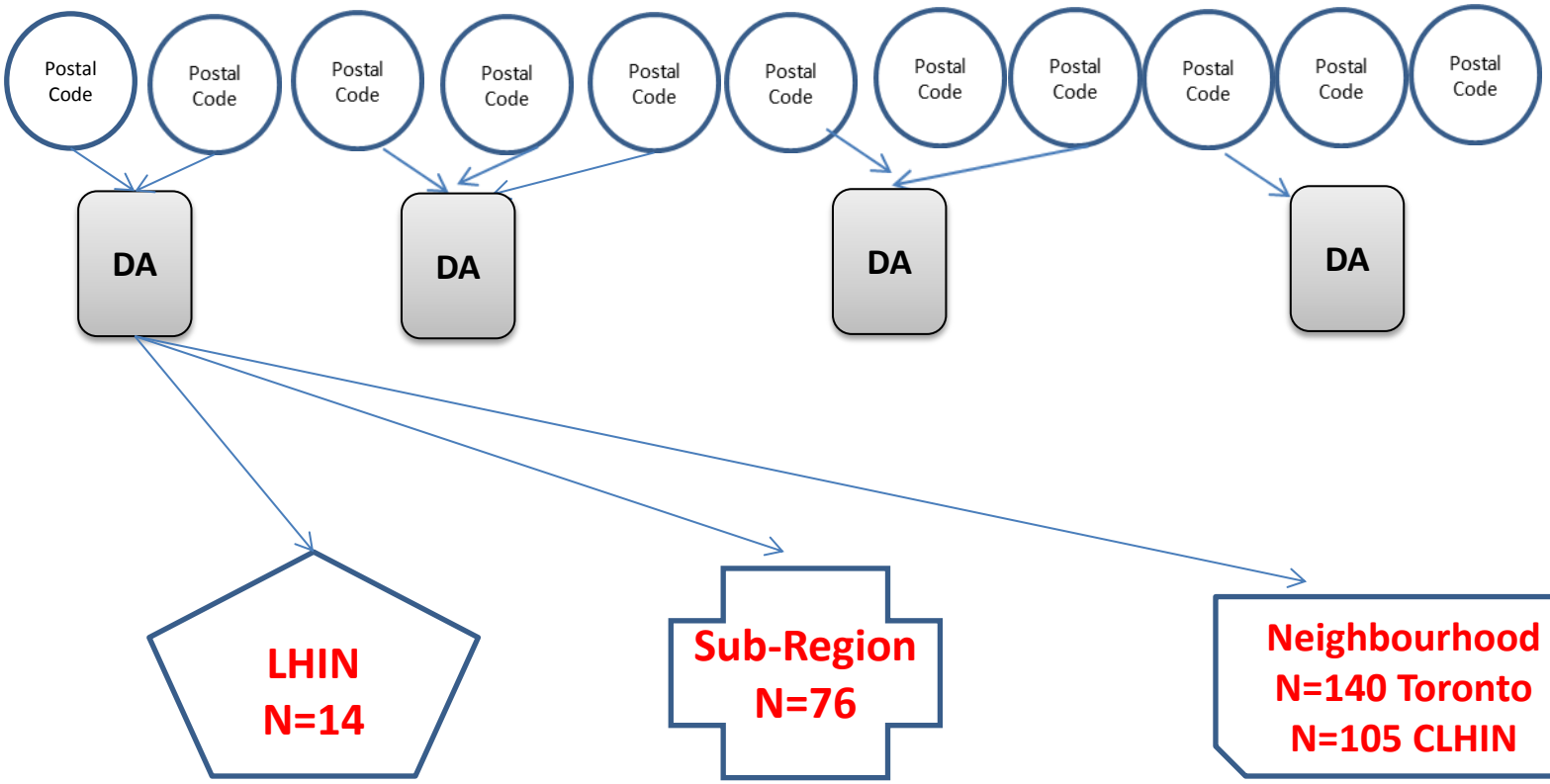


Questions?

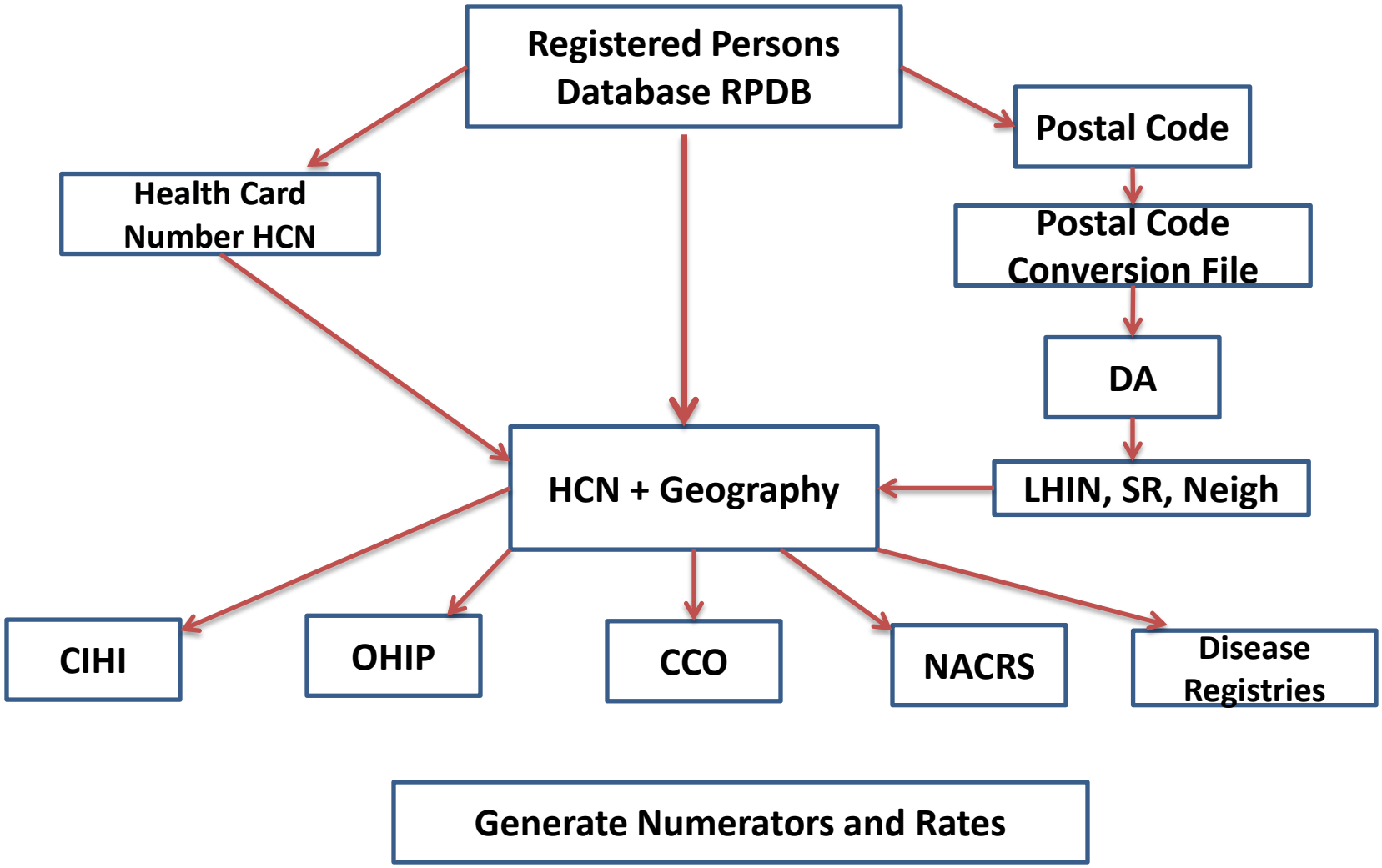
How do we link the health data to “place”

Mohammad Agha

Main Components of Geography Assignment



Assigning Geography To ICES Data Sets



Data Linkages
Population Denominator Data

- All postal codes in Ontario are linked to a Dissemination Area (DA)
- The population for each DA is taken from Census Data
- The population for each geographical unit is estimated by summing DA populations in each geography
- Groups of DAs make up larger geographical units - Example:
  - **LHINs**
  - **Sub-Regions**
  - **Neighbourhoods**

Example: Prevalence of Cancer by Neighbourhood in Toronto

1. Select all cancer cases in CCO database including Health Card Number (HCN)
2. Using the HCN, link individuals in the RPDB → Assign individuals to a postal code
3. Using the postal codes, assign a geography, i.e. Toronto neighbourhood #62, to individuals
4. Sum cancer cases for each neighbourhood
5. Calculate prevalence rates for each neighbourhood
6. Same methods used for generating data for LHINs and Sub-Regions (based on defined geographies and postal codes)

Questions?

Ontario Community Health Profiles Partnership (OCHPP) Website

Demonstration of the OCHPP site

Anne-Marie & Nadiya +Team

www.ontariohealthprofiles.ca

OCHPP Website

- Freely accessible
- Open portal
- Frequent updates
- Easy to read and download tables & maps
- Data standards
- Data documents
- Collaboration
- Custom geography for partners
- Resources

Questions?

Thank You For Listening!