

# User Guide

## The Ontario Community Health Profiles Partnership (OCHPP) Website: A Step-by-Step Guide to Data and Maps

April 2017



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# 1 Overview

This section provides an overview of the Ontario Community Health Profiles Partnership's (OCHPP) inception, framework of activities and the website's overall structure (sections 1.1 - 1.4). For step-by-step instructions on how to use the OCHPP website, you can skip this section and go to Sections 3 and 4.

## 1.1 About the OCHPP Partnership

The Ontario Community Health Profiles Partnership (OCHPP) was initially developed from collaboration between the Centre for Urban Health Solutions (formerly known as Centre for Research on Inner City Health) at St. Michael's Hospital, Toronto Public Health, Toronto District Health Council, the Southeast Toronto Project (SETo) and the Wellesley Central Health Corporation. The objective of this collaboration was to facilitate access to information for health planning. The rationale for creating this partnership was to better understand health inequalities in the City of Toronto in the hopes of being better able to address these issues.

The partnership has since expanded and now includes our main data partner, the Institute for Clinical Evaluative Sciences (ICES), WellBeing Toronto, Access Alliance Multicultural Health and Community Services and Wellesley Institute.

Two major partners, the Toronto Central Local Health Integration Network (Toronto Central LHIN) and the Central Local Health Integration Network (Central LHIN), provide funding for the project in addition to funding from St. Michael's Hospital. Specialized data at the neighbourhood level are provided for Toronto Central LHIN and Central LHIN.

All partners meet annually to review a work plan and discuss health-related topics that may be included in the year's activities. Partners share information and reports for posting on the site. The partnership's home is located at the Centre for Urban Health Solutions at St. Michael's Hospital and includes a team comprised of a family physician/staff scientist, medical geographer, epidemiologist/data analyst, webmaster, project manager and part-time GIS and analytic staff.

## 1.2 About the OCHPP Website

The Ontario Community Health Profiles Partnership (OCHPP) website, [www.ontariohealthprofiles.ca](http://www.ontariohealthprofiles.ca), is a portal that provides comprehensive, reliable and validated data on health and health-relevant indicators. The website was created in response to continuing requests from community agencies and partners for data that could be used for local and agency health planning and program development.

Originally, the website only included data for the City of Toronto (140 Toronto neighbourhoods). Since expanding in 2016, the site now contains data that goes beyond the City of Toronto/Toronto Central LHIN boundaries. Hence, the name of the site was changed to OCHPP. Archived, older City of Toronto-specific data can still be found on the OCHPP site in the Archives section.

The OCHPP website makes detailed, area-level health data available to everyone. The indicators available on the site are those that are deemed as some of the most important for population health planning and resource allocation. Data are provided in easy to read PDF files, Excel spreadsheets and maps. All file types are downloadable. Users can combine select indicators across different neighbourhoods to review and compare differences in health service utilization and health outcomes by neighbourhood.

Moreover, data available on the OCHPP site can assist users in making decisions about long-term planning and resource allocation. For example, health service providers can examine data in relation to the neighbourhoods within their catchment area to help determine patterns, establish priorities and forecast future needs. The website is updated regularly and as data becomes available. New topics and indicators are added based on the Ontario Ministry's of Health & Long Term Care initiatives (e.g. Patients First) or partner suggestions and needs.

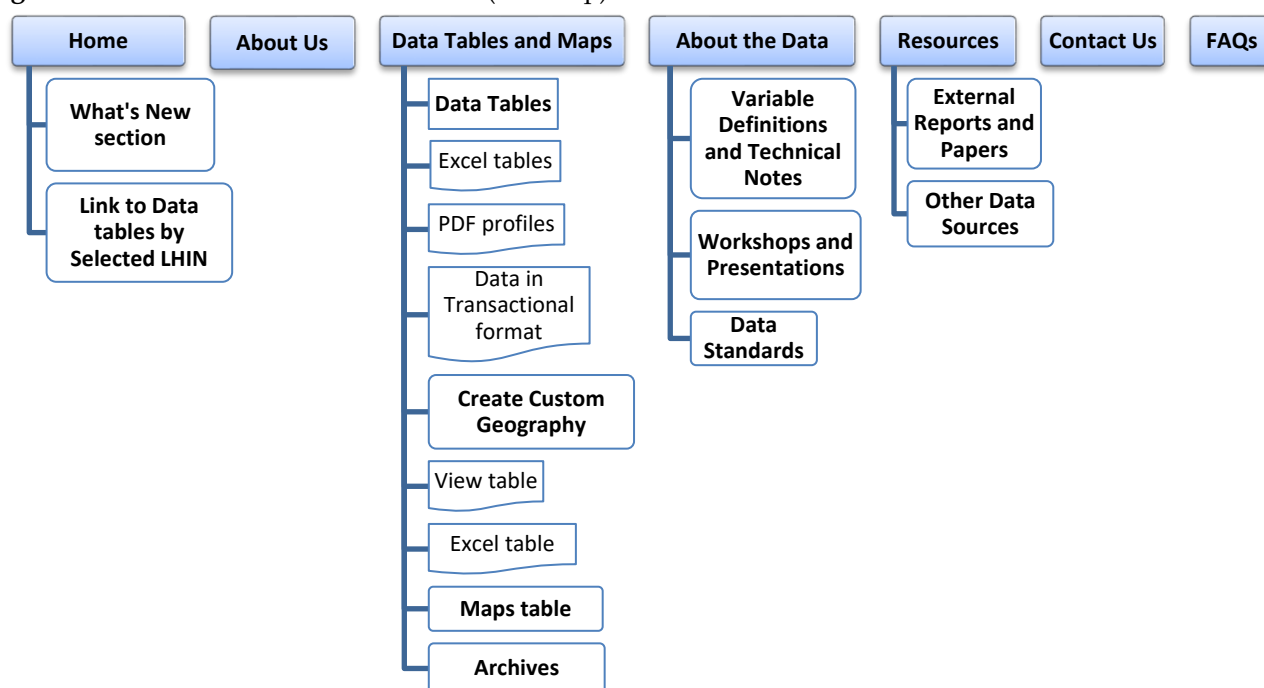
### 1.3 Access to Specialized Datasets

The OCHPP provides data at a macro-level for all 14 Ontario LHINs and 76 Ontario sub-regions. Data at a micro or neighbourhood level is currently only provided for the Toronto Central LHIN and Central LHIN. Neighbourhood-level data is important for health and policy planning in order to understand differences across boundaries and to provide analyses across neighbourhood populations.

### 1.4 Structure of the OCHPP Website (Site Map)

The main components of the website can be found under the “Data Tables and Maps” tab, which is easily accessible on every page of the website. The structure of the OCHPP website is summarized in Figure 1.

**Figure 1:** Structure of the OCHPP website (Site Map)



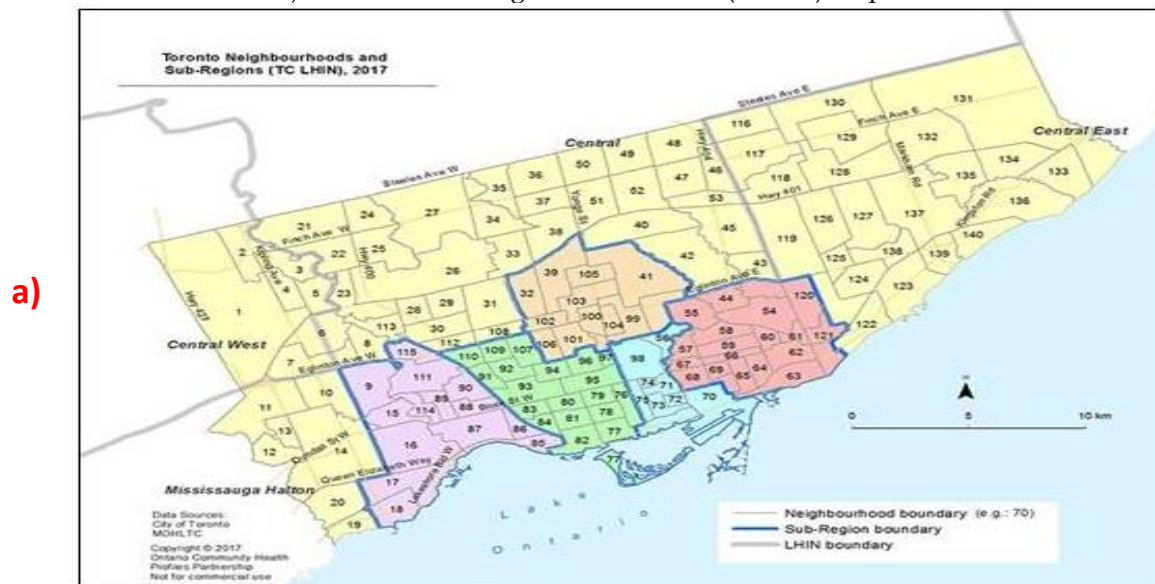
## 2 Ontario Geographic Levels

Data on the OCHPP site may be available at some or all of the following geographic levels:

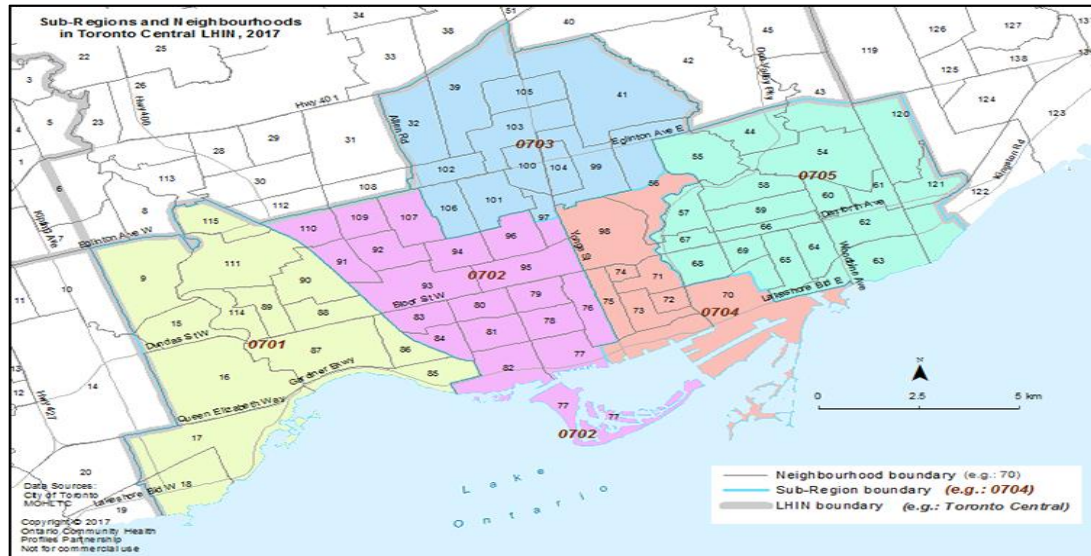
1. Neighbourhoods: the most common and smallest geographic level;
2. Sub-regions: larger planning areas within a LHIN made up of a collection of neighbourhoods, Census Canada Dissemination Areas (DAs), or Census Subdivisions (CSDs);
3. LHINs: the 14 health authorities responsible for regional administration of public healthcare services in the province of Ontario.

Other historical geographic units can be found in the “Archives” section of the website. For more information on geographic levels, consult the “About the Data” page on the OCHPP website. The various geographic levels of data are shown in Figure 2.

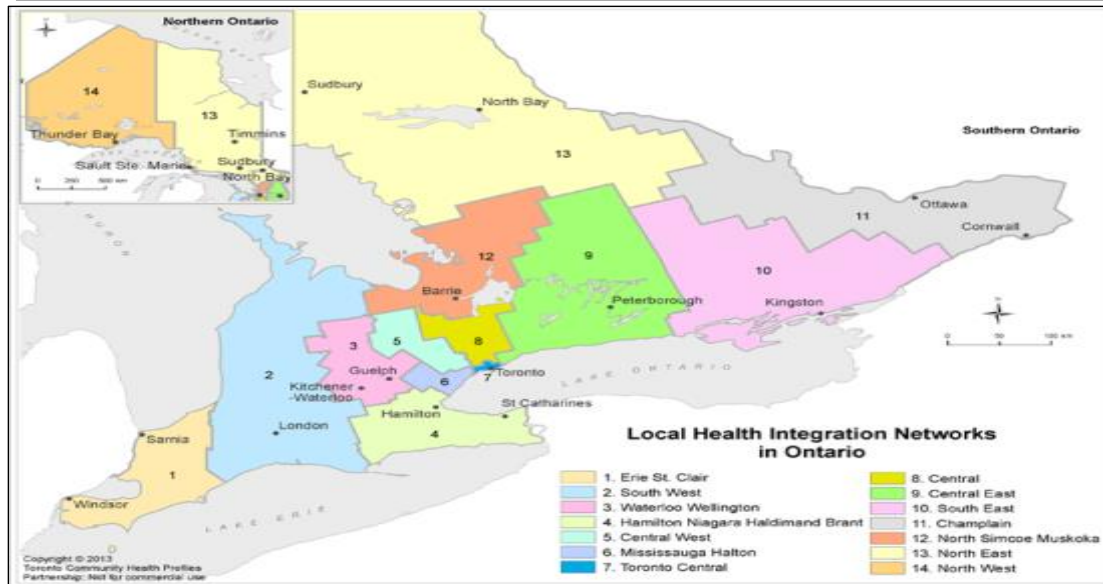
**Figure 2:** a) Toronto neighbourhoods map with sub-regions, b) Sub-regions map with neighbourhoods in Toronto Central LHIN, c) Local Health Integration Networks (LHINs) map in Ontario



b)



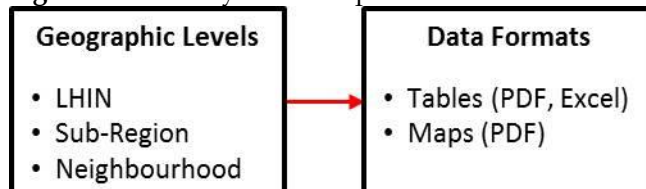
c)



### 3 Data Representations

The health and health-related indicators are organized in three geographic levels: the LHIN, sub-region and neighbourhood levels. Data for each geographic level is presented in table and/or map formats in two possible file types: PDF (for tables and maps) or Excel (for tables). Figure 3 summarizes the ways in which data are represented.

**Figure 3:** Summary of data representations and formats



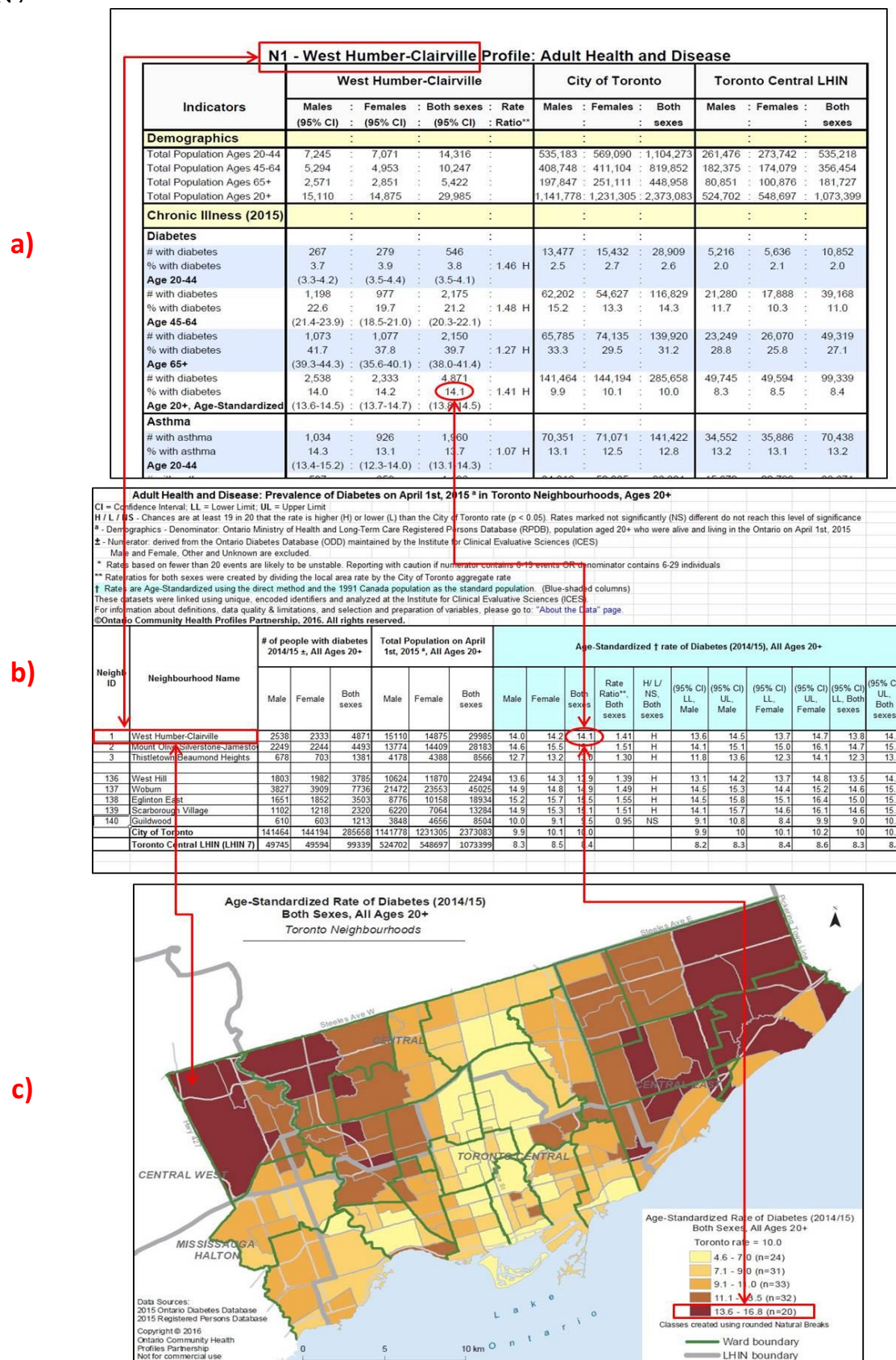
Health and health-related indicators are provided in two basic forms:

1. **Community-level health indicators:** this micro-data provides detailed statistics about populations living in communities by sex and relevant age group for each health indicator. We also provide information about how the community compares with the overall geography values and whether this difference is meaningful.
2. **Ontario-wide health indicators:** this macro-data provides an overview of how different communities within Ontario compare with each other in terms of specific health indicators. These data are shown on maps with different colours representing different values across communities.

OCHPP provides data about the use of health services such as cancer screening rates, emergency department admissions, primary care enrollment and hospital admissions at different levels of geography. Data related to chronic disease in adults, such as diabetes, asthma and high blood pressure, are also provided. An example is shown in Figure 4.



**Figure 4:** Diabetes data for a) An individual neighbourhood, West Humber-Clairville (PDF format) , b) All neighbourhoods (Excel table), and c) Neighbourhoods' health data map (PDF format) in the City of Toronto and LHIN 7





### 3.1 Data in Excel Format

Data tables for different geographic levels in Ontario can be downloaded in Excel files (i.e. profiles by all neighbourhoods, all sub-regions and all LHINs). The steps for obtaining the data tables are as follows:

**Step 1.** To view Data Tables, either select the desired LHIN from the drop-down list, the map or click on the “Data Tables and Maps” tab. To select City of Toronto, click on the “Select City of Toronto” button.

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

Toronto Health Profiles  
(data prior to April 2016)

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**About Ontario Health Profiles Site**

To read our **Press Release** about the new Ontario Community Health Profiles Partnership website please see **About Us**. This website is sponsored by The Ontario Community Health Profiles Partnership (OCHPP) to make detailed, area-level health data available to everyone. Our goal is to support action to reduce health inequities in Ontario.

**What's New**

- Injuries: PDF profiles for Individual Neighbourhood in **LHIN 7** (Toronto Central) and **LHIN 8** (Central)
- Children and Youth **maps** for Toronto Neighbourhoods
- Injuries (2014/15 to 2015/16) **maps** for LHIN 7 (Toronto Neighbourhoods)
- Mothers and Babies 2012/13 to 2014/15 **maps** for Toronto Neighbourhoods
- Create Custom Geography for Neighbourhoods in **LHIN 7** and **LHIN 8**, Children and Youth: Injuries
- PDF profiles for Individual Neighbourhood in **LHIN 7** and **LHIN 8**, Children and Youth: Injuries
- Health Care Services Locations (Long-Term and Complex Continuing Care Facilities) **maps** - Toronto Central LHIN

**Select your LHIN to view Data tables:**

SELECT Your LHIN

SELECT Your LHIN

- LHIN 1 - Erie St. Clair
- LHIN 2 - South West
- LHIN 3 - Waterloo Wellington
- LHIN 4 - Hamilton Niagara Haldimand Brant
- LHIN 5 - Central West
- LHIN 6 - Mississauga Halton
- LHIN 7 - Toronto Central and City of Toronto
- LHIN 8 - Central**
- LHIN 9 - Central East
- LHIN 10 - South East
- LHIN 11 - Champlain
- LHIN 12 - North Simcoe Muskoka
- LHIN 13 - North East
- LHIN 14 - North West

Select City of Toronto

**Step 2.** Select the “Data Tables” tab. Next, select the appropriate Excel file associated with the desired health topic category, geographic level and year.

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Select your LHIN to view Data tables: SELECT Your LHIN Select City of Toronto

**Data - LHIN 8 (Central)**

\* new

**Data Tables** Create Custom Geography Maps Archives

Please select the **Health Topic Category**, **Level of Geography** and **Year** for which you would like to download data table (EXCEL and PDF formats).

Health Topic Category	Ontario Geographic Level						
	Neighbourhoods		Sub-Regions		LHINs		Maps
	Individual Neighb. (PDF)	All Neighb. (EXCEL)	All Neighb. in Sub-Region (EXCEL)	All Sub-Regions (EXCEL)	Individual LHIN (PDF)	All LHINs (EXCEL)	
Census-based population denominators		* 2011		* 2011		* 2011	
Socio-demographic		* 2011				* 2011	All Maps
Primary Care							
Primary Care: Enrolment and Continuity of Care	* 2011/13	* 2011/13	* 2011/13			* 2011/13	All Maps
Emergency Department Care							
All Emergency Department (ED) visits ED visits by High Urgency ED visits by Low Urgency	* 2014/15	* 2014/15	* 2014/15			* 2014/15	All Maps

## 3.2 Individual Neighbourhood Data in PDF Format

Individual neighbourhood data for any indicator can be accessed in PDF health profiles. The steps to getting to the health profiles are as follows:

**Step 1.** To view Data Tables, either select the desired LHIN from the drop-down list or directly from the map. Alternatively, select the “Data Tables and Maps” tab. To select City of Toronto, click on the “Select City of Toronto” button.

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**What's New**

- Children and Youth **maps** for Toronto Neighbourhoods
- Injuries (2014/15 to 2015/16) **maps** for LHIN 7 (Toronto Neighbourhoods)
- Mothers and Babies 2012/13 to 2014/15 **maps** for Toronto Neighbourhoods
- Create Custom Geography for Neighbourhoods in LHIN 7 and LHIN 8, Children and Youth: Injuries
- PDF profiles for Individual Neighbourhood in LHIN 7 and LHIN 8, Children and Youth: Injuries
- Health Care Services Locations (Long-Term and Complex Continuing Care Facilities) **maps** - Toronto Central LHIN
- Children and Youth: Injuries (2014/15 to 2015/16) - All

**Select your LHIN to view Data tables:**

**SELECT Your LHIN**

LHIN 1 - Erie St. Clair  
LHIN 2 - South West  
LHIN 3 - Waterloo Wellington  
LHIN 4 - Hamilton Niagara Haldimand Brant  
LHIN 5 - Central West  
LHIN 6 - Mississauga Halton  
**LHIN 7 - Toronto Central and City of Toronto**  
LHIN 8 - Central  
LHIN 9 - Central East  
LHIN 10 - South East  
LHIN 11 - Champlain  
LHIN 12 - North Simcoe Muskoka  
LHIN 13 - North East  
LHIN 14 - North West

**Select City of Toronto**

**Step 2.** Select the “Data Tables” tab. Next, select the appropriate entry under the “Individual Neighbourhood” field for the health topic category of your choice (for example, Primary Care in 2011/13).

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**Select your LHIN to view Data tables:** **SELECT Your LHIN**

**Data - LHIN 7 (Toronto Central and City of Toronto)**

**\* new**

**Data Tables** Create Custom Geography Maps Archives

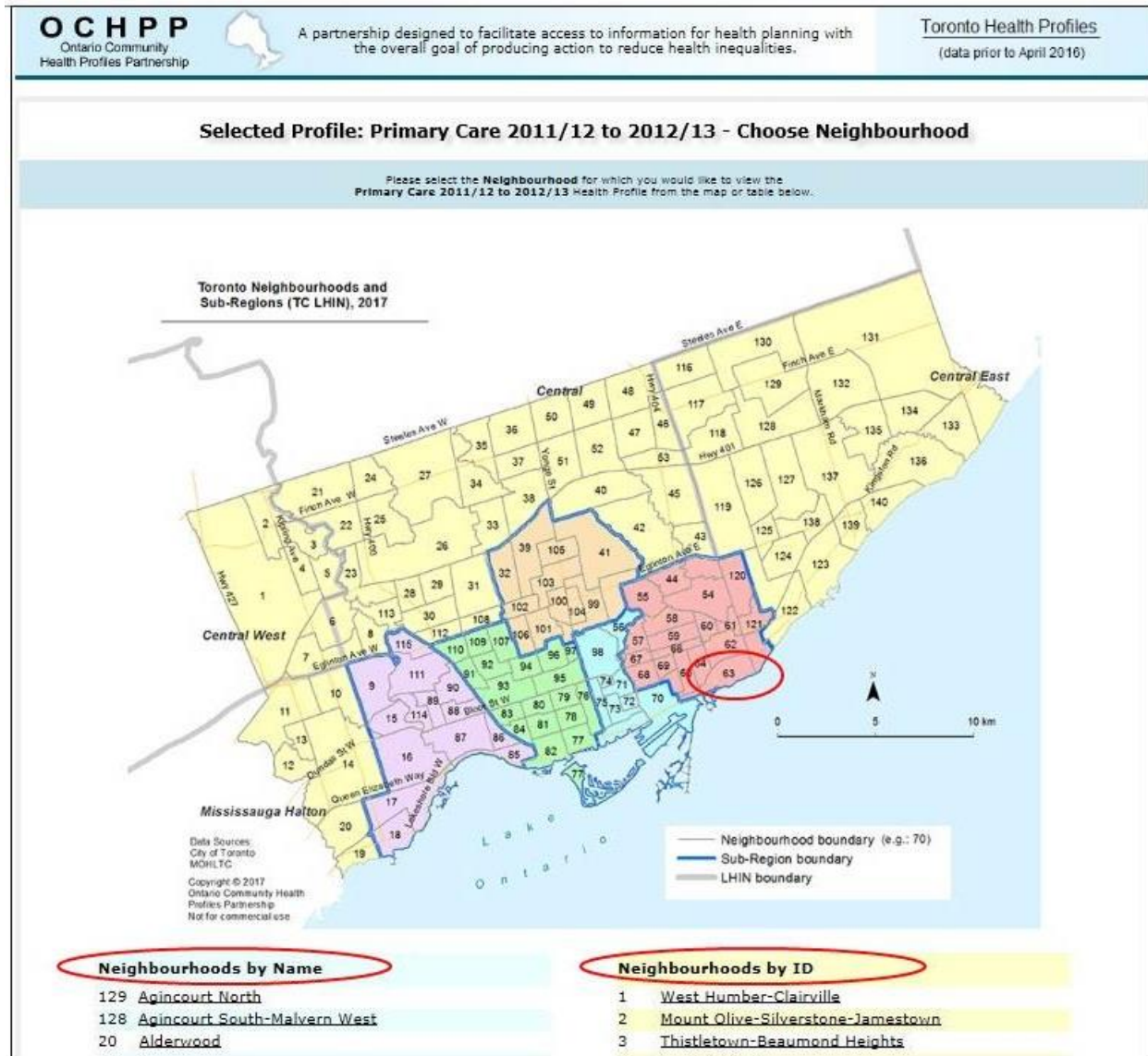
Please select the **Health Topic Category**, **Level of Geography** and **Year** for which you would like to download data table (EXCEL and PDF formats).

Health Topic Category	Ontario Geographic Level						
	Neighbourhoods		Sub-Regions		LHINS		Maps
	Individual Neighb. (PDF)	All Neighb. (EXCEL)	All Neighb. in Sub-Region (EXCEL)	All Sub-Regions (EXCEL)	Individual LHIN (PDF)	All LHINS (EXCEL)	
Census-based population denominators		* 2011		* 2011		* 2011	
Socio-demographic		* 2011				* 2011	All Maps
<b>Primary Care</b>							
Primary Care: Enrolment and Continuity of Care	* 2011/13	* 2011/13	* 2011/13			* 2011/13	All Maps
<b>Emergency Department Care</b>							
• All Emergency Department (ED) visits • ED visits by High Urgency • ED visits by Low Urgency	* 2014/15	* 2014/15	* 2014/15			* 2014/15	All Maps



**Step 3.** Select a specific neighbourhood (for example, 63 The Beaches) for which data are required by selecting the neighbourhood in one of three ways:

- directly on the interactive map,
- from the alphabetical list of neighbourhood names, or
- from the neighbourhood ID list.



### 3.3 Health Data Maps in PDF Format

Maps give an overview of how the health of different communities within Ontario compare with each other. They are a visual illustration of spatial characteristics of data. Maps help to identify areas of concern. For example, maps can show if there are high concentrations of factors negatively impacting health outcomes locally, or if there are regions with elevated rates of diseases. Maps can also be considered as a complementary element to tabular data. They help identify spatial patterns and formulate additional hypotheses based on those patterns.

Users can find information about OCHPP geographies and how to read the maps in the “About the Data” section on the OCHPP website.

To view maps, take the following steps:

**Step 1.** Select the desired LHIN from the drop-down list (or directly from the map).


Alternatively, click on the “Data Tables and Maps” tab. To select City of Toronto, click on the “Select City of Toronto” button.


The screenshot shows the OCHPP website interface. The 'Data Tables and Maps' tab is selected in the top navigation bar. Below the navigation bar, there is a section titled 'Select your LHIN to view Data tables:'. A dropdown menu is open, showing a list of LHINs. 'LHIN 8 - Central' is highlighted with a red circle. To the right of the dropdown, there is a button labeled 'Select City of Toronto' which is also circled in red. The background of the page shows a map of Ontario with various LHIN regions color-coded.

**Step 2.** Select the “Maps” tab. Next, select the Thematic Map Category for which you would like to view the list of available indicators.

The screenshot shows the OCHPP website interface after selecting 'LHIN 8 (Central)'. The 'Maps' tab is selected in the sub-navigation bar. Below the sub-navigation bar, there is a section titled 'Maps - LHIN 8 (Central)'. A button labeled 'Select City of Toronto' is visible. Below this, there is a table titled 'Thematic Map Category' with two columns. The first column lists various categories, and the second column lists specific indicators. 'Adult Health and Disease' is highlighted with a red circle in the second column.

Thematic Map Category	
Socio-demographic (Neighbourhoods, LHINs) * new	Hospital Admissions (LHINs) * new
Primary Care (Neighbourhoods, LHINs) * new	Adult Health and Disease (Neighbourhoods, LHINs) * new
Emergency Department Care (Neighbourhoods, LHINs) * new	Injuries (Neighbourhoods) * new
Mothers and Babies (Neighbourhoods) * new	Children and Youth (Neighbourhoods) * new
Prevention (Neighbourhoods, LHINs) * new	Health Care Services Locations (LHIN 7) * new
Geographic Boundaries and Contextual Maps * new	

**Step 3.** Select the desired indicator from the list of available indicators (for example, the Diabetes indicator from the Adult Health and Disease category). To view more details about the data or maps, click on the  icon.

**Maps - Adult Health and Disease indicators (LHIN 8 Neighbourhoods)**


**MAP TYPES:**  
Rate Ratio [RR]    Natural Breaks data classification [NB]    Population-Weighted Quintiles data classification [PWQ]  
Dot Density [DD]    Local Indicator of Spatial Association [LISA]    Overlay Maps [OM]

See [How to Read the Maps](#) for more information on these and other types of maps.

Diabetes, All Ages 20+, Both Sexes	Neighbourhoods: <a href="#">2014/15</a> [NB] * new Neighbourhoods: <a href="#">2014/15</a> [RR] * new
Asthma, All Ages 20+, Both Sexes	Neighbourhoods: <a href="#">2014/15</a> [NB] * new Neighbourhoods: <a href="#">2014/15</a> [RR] * new
High Blood Pressure, All Ages 20+, Both Sexes	Neighbourhoods: <a href="#">2014/15</a> [NB] * new Neighbourhoods: <a href="#">2014/15</a> [RR] * new
Mental Health Visits, All Ages 20+, Both Sexes	Neighbourhoods: <a href="#">2014/15</a> [NB] * new Neighbourhoods: <a href="#">2014/15</a> [RR] * new
Chronic Obstructive Pulmonary Disease (COPD), All Ages 35+, Both Sexes	Neighbourhoods: <a href="#">2014/15</a> [NB] * new Neighbourhoods: <a href="#">2014/15</a> [RR] * new

### 3.4 Archived Data

The Ontario Health Links data and sub-LHINs data for LHIN 7 and LHIN 8 have been archived. These data are available and accessible on the “Archived Data” page. To view the “Archived Ontario Geographies no longer in use (from 2017)” table, go to the “Data Tables” tab and click on the “Archives” tab.

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Archived Data

Data Tables    Create Custom Geography    Maps    **Archives**

Please select the Health Topic Category, Level of Geography and Year for which you would like to download archived data table (EXCEL format) or map (PDF format).

Health Topic Category	Archived Ontario Geographies no longer in use (from 2017)				
	Health Links		Sub-LHINs (in LHIN 7 and LHIN 8)		Maps
	Individual Health Link (PDF)	All Health Link (EXCEL)	Individual Sub-LHINs (EXCEL)	All Sub-LHINs (EXCEL)	Archived Health Links Maps (PDF)
Census-based population denominators		2011			
Socio-demographic		2011			
Primary Care					
Primary Care: Enrolment and Continuity of Care		2011/13		2011/13	All Maps
Emergency Department Care					

\* All Emergency Department (ED) visits



## 4 Create Custom Geography Tool

The OCHPP website has a useful tool for compiling data for a custom collection of neighbourhoods. The “Create Custom Geography” tool is available for LHIN 7 and LHIN 8.

Steps to generate data for a custom geography:

1. To view Data Tables, select the desired LHIN from the drop-down list or directly from the map. Alternatively, click on the “Data Tables and Maps” tab. To select City of Toronto, click on the “Select City of Toronto” button.

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- PDF profiles for Individual Neighbourhood in [LHIN 7](#) and [LHIN 8](#), Children and Youth: Injuries
- Health Care Services Locations (Long-Term and Complex Continuing Care Facilities) [maps](#) - Toronto Central LHIN
- Children and Youth: Injuries (2014/15 to 2015/16) - All

**Select your LHIN to view Data tables:**

**SELECT Your LHIN**

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- LHIN 3 - Waterloo Wellington
- LHIN 4 - Hamilton Niagara Haldimand Brant
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- LHIN 6 - Mississauga Halton
- LHIN 7 - Toronto Central and City of Toronto**
- LHIN 8 - Central
- LHIN 9 - Central East
- LHIN 10 - South East
- LHIN 11 - Champlain
- LHIN 12 - North Simcoe Muskoka
- LHIN 13 - North East
- LHIN 14 - North West

**Select City of Toronto**

2. Select the “Create Custom Geography” tab.

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**Select your LHIN:** **SELECT Your LHIN** **Submit Your Selection**

**The "Create Custom Geography" Tool is available for our partner LHINs: Toronto Central (LHIN 7) and Central (LHIN 8)**

**Combine Toronto Neighbourhoods to Create Custom Geography**

**\* new**

**Data Tables** **Create Custom Geography** **Maps** **Archives**

**Step 1. Click-SELECT (or deselect) one or more Neighbourhood areas for which you would like to view data.**

**Toronto Neighbourhoods and Sub-Regions (TC LHIN), 2017**

- ☐ Agincourt North
- ☐ Agincourt South-Malvern West
- ☐ Alderwood
- ☐ Annex
- ☐ Bayview-Dan Mills
- ☐ Bathurst Manor
- ☐ Bay Street Corridor
- ☐ Bayview Village
- ☐ Bayview Woods-Steeles
- ☐ Bedford Park-Nortown



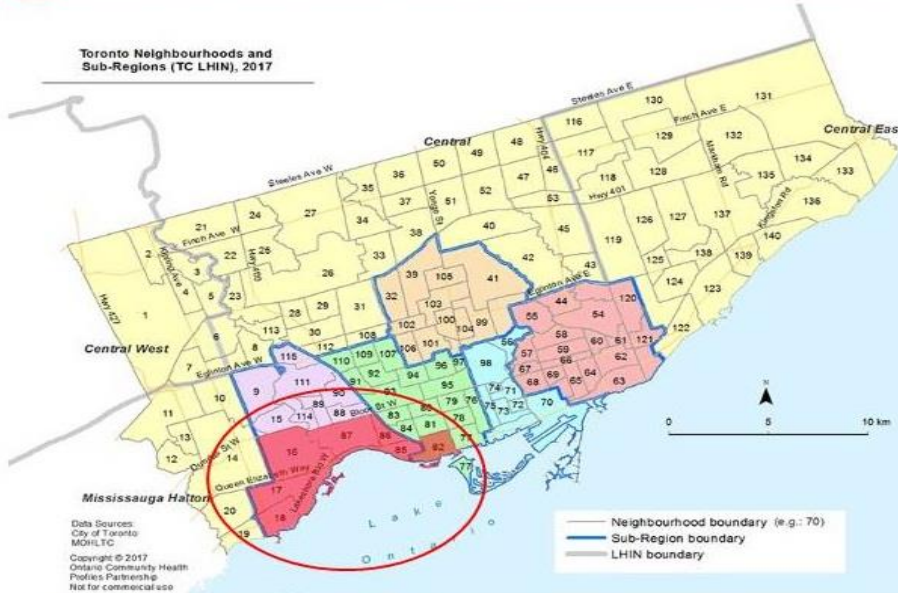
3. **Step 1.** Click-select (or deselect) from the map one or more neighbourhoods for which you would like to view data. Alternatively, use the checkbox list on the right to select the desired neighbourhoods.

**Step 2.** Submit your neighbourhood selection.

**Combine Toronto Neighbourhoods to Create Custom Geography**

[Data Tables](#) | [Create Custom Geography](#) | [Maps](#) | [Archives](#)

**Step 1. Click-SELECT (or deselect) one or more Neighbourhood areas for which you would like to view data.**



Toronto Neighbourhoods and Sub-Regions (TC LHIN), 2017

Neighbourhood boundary (e.g.: 70)  
Sub-Region boundary  
LHIN boundary

**Neighbourhood Selection List:**

- ☐ Spadina-City Centre West
- ☐ Junction Area
- ☐ Keesle-Cole-Eglinton West
- ☐ Kennedy Park
- ☐ Kensington-Chinatown
- ☐ Kingsview Village-The Westway
- ☐ Kingsway South
- ☐ L'Amoreaux
- ☐ Lambton Baby Point
- ☐ Lansing-Westgate
- ☐ Lawrence Park North
- ☐ Lawrence Park South
- ☐ Leaside-Bennington
- ☐ Little Portugal
- ☐ Long Branch
- ☐ Malvern
- ☐ Maple Leaf
- ☐ Markham Wood
- ☐ Missken
- ☒ Mimico
- ☐ Morningdale
- ☐ Moss Park
- ☐ Mount Dennis
- ☐ Mount Olive-Silverstone-Jamestown
- ☐ Mount Pleasant East
- ☐ Mount Pleasant West
- ☒ New Toronto
- ☐ Newtonbrook East
- ☐ Newtonbrook West
- ☒ Niagara
- ☐ North Riverdale
- ☐ North St. James Town

**Step 2. Click Here to SUBMIT Your Neighbourhood SELECTION.** [Print This Map](#) [Print works on Chrome, Firefox, or Safari browsers]

16, 17, 18, 82, 85, 86, 87

4. **Step 3.** Select one or more Health Topic Categories from the drop-down list below. For example, for "Children and Youth," select "Asthma, Mental Health and Addictions Visits."

**Step 4.** Click on "SUBMIT REQUEST & See RESULTS Below" to submit your request and to generate the results.

**Step 2. Click Here to SUBMIT Your Neighbourhood SELECTION.** [Print This Map](#) [Print works on Chrome, Firefox, or Safari browsers]

16, 17, 18, 82, 85, 86, 87

**Step 3. SELECT one or more HEALTH TOPIC CATEGORIES from the drop-down list below.**

**SELECT ONE OR MORE HEALTH TOPIC CATEGORIES**

- Cancer Prevention 2013/14 to 2014/15 - All Indicators**  
Mammograms, Pap smears, Any Colorectal Cancer Screening, Colonoscopy, FOBT
- Children and Youth 2014/15 - All Indicators**  
Asthma, Mental Health and Addictions Visits, Injuries (All Admissions and ED visits)
- Chronic Conditions 2014/15 - All Indicators**  
Diabetes, Asthma, High Blood Pressure, Mental Health and Addictions Visits, COPD
- Emergency Department (ED) Care Visits 2014/15**  
All ED visits (Rates and % of Population with one or more ED visits)  
High Urgency ED visits (Rates and %)  
Low Urgency ED visits (Rates and %)
- Primary Care 2011/12 to 2012/13**  
Primary Care Enrolment and Continuity

**Step 4.** [SUBMIT REQUEST & See RESULTS Below](#)

5. The resulting table summarizing results for the Custom Selected Area will be displayed on the webpage and will be similar to this example:

**LHIN 7 RESULT TABLE: Children and Youth - All Indicators** [For more information please see About the Data](#)

**LHIN 7 Children and Youth: Prevalence of Asthma 2014/15, Mental Health and Addiction (MHA)-related Emergency Department (ED) visits 2012/13 to 2014/15, In**

			Population (Denominator for Asthma): Total Population By Age Group and Sex									Prevalence of Asthma 2014/15 By Age Group and Sex											
			Total Population, All Ages 0-24			Total Population, Age 0-15			Total Population, Age 16-24			# of people with asthma, All Ages 0-24			% with asthma, All Ages 0-24			% with asthma, Age-Standardized, All Ages 0-24			# of people with asthma		
Record #	Neighbourhood ID	Neighbourhood Name	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes
1	16	Stonegate-Queensway	3,547	3,285	6,832	2,371	2,119	4,490	1,176	1,166	2,342	764	501	1,265	21.5	15.3	18.5	21.8	15.3	18.7	448		
2	17	Mimico	3,064	2,993	6,057	1,928	1,774	3,702	1,136	1,219	2,355	569	410	979	18.6	13.7	16.2	18.6	13.5	16.1	305		
3	18	New Toronto	1,475	1,351	2,826	880	780	1,660	595	571	1,166	327	212	539	22.2	15.7	19.1	21.8	15.2	18.6	152		
4	82	Niagara	1,644	1,885	3,529	999	998	1,997	645	887	1,532	270	242	512	16.4	12.8	14.5	16.2	11.8	14.0	119		
5	85	South Parkdale	2,294	2,334	4,628	1,312	1,281	2,593	982	1,053	2,035	449	316	765	19.6	13.5	16.5	19.3	13.1	16.3	233		
6	86	Roncesvalles	1,920	1,873	3,793	1,382	1,244	2,626	538	629	1,167	359	247	606	18.7	13.2	16.0	19.5	13.5	16.6	224		
7	87	High Park-Swansea	2,818	2,824	5,642	1,963	1,832	3,795	855	992	1,847	537	394	931	19.1	14.0	16.5	19.6	14.1	16.9	327		
<b>Custom Selected Area<sup>1</sup></b>			16,762	16,545	33,307	10,835	10,028	20,863	5,927	6,517	12,444	3,275	2,322	5,597	19.5	14.0	16.8	19.7	13.8	16.8	1,808		
<b>City of Toronto</b>			392,530	379,639	772,169	242,102	229,383	471,485	150,428	150,256	300,684	81,634	58,486	140,120	20.8	15.4	18.1	20.6	15.2	18.0	44,565		
<b>Toronto Central LHIN</b>			156,830	153,622	310,452	99,019	93,769	192,788	57,811	59,853	117,664	30,435	21,886	52,321	19.4	14.2	16.9	19.4	14.1	16.8	16,321		

**Notes:**  
 1. Reporting with caution if numerator contains 6-19 events OR denominator contains 6-29.  
 Rates based on fewer than 20 events (numerator) or fewer than 30 (denominator) are likely to be unstable.

<sup>1</sup> Age-Standardized rate (Blue-shaded columns) is averaged using the following equation:

$$AR_E = \frac{\sum_{i=1}^n (P_i \times AR_i)}{\sum_{i=1}^n P_i}$$

Where:  $AR_E$  - population-weighted adjusted rate in the custom area  $K$ ,  
 $i=1, \dots, n$  - total number of input units in the custom area  $K$ ,  
 $P_i$  - eligible population in input unit  $i$ ,  
 $AR_i$  - adjusted rate in input unit  $i$ . Adjustment of rates may be based on age and/or sex.

These datasets were linked using unique, encoded identifiers and analyzed at the Institute for Clinical Evaluative Sciences (ICES).  
 For information about definitions, data quality & limitations, and selection and preparation of variables, please go to About the Data page.  
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6. The report output can be sent to an Excel spreadsheet by clicking on the button “Export RESULT TABLE to Excel File.”



## 5 Other Services

OCHPP provides consulting services if a local health network makes a specific request. The scope, parameters and deliverables of specific requests are worked out with the LHIN. The resulting analysis is prepared and presented for each specific request. In addition, occasional workshops are delivered to help partners maximize the potential benefits of available OCHPP services.

## 6 How to Join OCHPP

Partners have access to a highly-specialized team of experts including a medical geographer, primary care physician/scientist, epidemiologist and webmaster. Data is provided at the “neighbourhood” or a micro-level of geography meaningful to the partner’s needs. Data that is usually difficult or expensive to access is provided to partners as part of the annual fee. A limited number of custom analyses as well as workshop and webinar training may also be provided.

To find out more about the partnership contact one of the following people:

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## Appendix A: List of Indicators and Maps for Health Categories

Health Topic Category	Indicator(s)	Geographic Level(s)	Time	Maps
Primary Care	<ul style="list-style-type: none"> <li>Enrolment and Continuity of Care</li> </ul>	<p><b>Neighbourhoods:</b> Individual, All</p> <p><b>Sub-Regions:</b> All Neighbourhoods in sub-regions</p> <p><b>LHINs:</b> All</p>	2011/13	<ul style="list-style-type: none"> <li><b>Primary Care Enrolment and Continuity indicators (Neighbourhoods)</b> <ol style="list-style-type: none"> <li>% of Enrolled Patients in Primary Care among Total Population 19+, Both Sexes+</li> <li>% of Population Non-Enrolled in Primary Care among Total Population 19+</li> <li>Non-Enrolled Population in Primary Care, Both Sexes, Age 19+</li> <li>% of Population with no Primary Care Visits among Total Population 19+</li> <li>Population with no Primary Care Visits, Both Sexes, Age 19+</li> <li>% of Population with Low Continuity of Care among All Enrolled and Non-Enrolled Population with 3+ Visits within two years, Both Sexes, Age 19+</li> <li>Population with Low Continuity of Care among Population with 3+ Visits within two years, Both Sexes, Age 19+</li> <li>% of Population Non-Enrolled in Primary Care and with no Primary Care Visits among Total Population 19+</li> <li>Population Non-Enrolled in Primary Care and with no Primary Care Visits, Both Sexes, Age 19+</li> <li>% of Non-Enrolled Population with Low Continuity in Primary Care among All Enrolled and Non-Enrolled Population with 3+ Visits within two years, Both Sexes, Age 19+</li> <li>Non-Enrolled Population with Low Continuity in Primary Care among Non-Enrolled Population with 3+ Visits within two years, Both Sexes, Age 19+</li> <li>Non-Enrolled Patients Levels in Primary Care, Both Sexes, Age 19+, Poisson Model Analysis</li> <li>Low Continuity Levels Among Non-Enrolled Patients in Primary Care, Both Sexes, Age 19+, Poisson Model Analysis</li> <li>Areas with High Percentages of Non-Enrolled Patients and Low Continuity Among Non-Enrolled Patients in Primary Care, Both Sexes, Age 19+</li> </ol> </li> <li><b>Locations of Primary Care Services in Toronto indicators (Neighbourhoods)</b> <ol style="list-style-type: none"> <li>Number of Comprehensive Primary Care Doctors by Model</li> <li>FTE of Comprehensive Primary Care Doctors by Model</li> </ol> </li> <li><b>Primary Care Enrolment and Continuity indicators (LHINs)</b></li> </ul>

				<ol style="list-style-type: none"> <li>1. % of Population Non-Enrolled in Primary Care among Total Population 19+</li> <li>2. Non-Enrolled Population in Primary Care, Both Sexes, Age 19+</li> <li>3. % of Population with no Primary Care Visits among Total Population 19+</li> <li>4. Population with no Primary Care Visits, Both Sexes, Age 19+</li> <li>5. % of Population with Low Continuity of Care among All Enrolled and Non-Enrolled Population with 3+ Visits within two years, Both Sexes, Age 19+</li> <li>6. Population with Low Continuity of Care among Population with 3+ Visits within two years, Both Sexes, Age 19+</li> <li>7. % of Population Non-Enrolled in Primary Care and with no Primary Care Visits among Total Population 19+</li> <li>8. Population Non-Enrolled in Primary Care and with no Primary Care Visits, Both Sexes, Age 19+</li> <li>9. % of Non-Enrolled Population with Low Continuity in Primary Care among All Enrolled and Non-Enrolled Population with 3+ Visits within two years, Both Sexes, Age 19+</li> <li>10. Non-Enrolled Population with Low Continuity in Primary Care among Non-Enrolled Population with 3+ Visits within two years, Both Sexes, Age 19+</li> </ol>
Emergency Department (ED) Care	<ul style="list-style-type: none"> <li>• All ED Visits</li> <li>• ED Visits by High Urgency</li> <li>• ED Visits by Low Urgency</li> </ul>	<p><b>Neighbourhoods:</b> Individual, All</p> <p><b>Sub-Regions:</b> All Neighbourhoods in sub-regions</p> <p><b>LHINs:</b> All</p>	2014/15	<p>• <b>Emergency Department Care indicators (Neighbourhoods and LHINs)</b></p> <p><b>All ED Visits</b></p> <ol style="list-style-type: none"> <li>1. Age-Standardized rate of ED visits per 1,000 population, Total Population, All Ages 0+, Both Sexes</li> <li>2. Age-Standardized % of the population with one or more ED visits, Total Population, All Ages 0+, Both Sexes</li> </ol> <p><b>All ED Visits That are High Urgency</b></p> <ol style="list-style-type: none"> <li>1. Age-Standardized rate of ED visits per 1,000 population that are High Urgency, Total Population, All Ages 0+, Both Sexes</li> <li>2. Age-Standardized % of ED visits that are High Urgency, Total Population, All Ages 0+, Both Sexes</li> </ol> <p><b>All ED Visits That are Low Urgency</b></p> <ol style="list-style-type: none"> <li>1. Age-Standardized rate of ED visits per 1,000 population that are Low Urgency, Total Population, All Ages 0+, Both Sexes</li> <li>2. Age-Standardized % of ED visits that are Low Urgency, Total Population, All Ages 0+, Both Sexes</li> </ol>

Prevention	<ul style="list-style-type: none"> <li>• Mammograms</li> <li>• Pap Smears</li> <li>• Any Colorectal Cancer Screening</li> <li>• Colonoscopy</li> <li>• Fetal Occult Blood Testing</li> </ul>	<b>Neighbourhoods:</b> Individual, All  <b>Sub-Regions:</b> All Neighbourhoods in sub-regions  <b>LHINs:</b> All	2013/15	<b>• Prevention Indicators (Neighbourhoods and LHINs)</b> <ol style="list-style-type: none"> <li>1. Age-Standardized rate of Mammography Among Women 50-69</li> <li>2. Age-Standardized rate of Pap Smears Among Women 21-69</li> <li>3. Age-Standardized rate of Any Colorectal Cancer Screening, Both Sexes, Age 50-74</li> <li>4. Age-Standardized rate of Colonoscopy Screening, Both Sexes, Age 50-74</li> <li>5. Age-Standardized rate of Fecal occult blood testing (FOBT) Screening, Both Sexes, Age 50-74</li> </ol>
Adult Health and Disease	<ul style="list-style-type: none"> <li>• Diabetes</li> <li>• Asthma</li> <li>• High Blood Pressure</li> <li>• Mental Health and Addiction Related Visits</li> <li>• Chronic Obstructive Pulmonary Disease</li> </ul>	<b>Neighbourhoods:</b> Individual, All  <b>Sub-Regions:</b> All Neighbourhoods in sub-regions  <b>LHINs:</b> All	2014/15	<b>• Adult Health and Disease indicators (Neighbourhoods and LHINs)</b> <ol style="list-style-type: none"> <li>1. Diabetes, All Ages 20+, Both Sexes</li> <li>2. Asthma, All Ages 20+, Both Sexes</li> <li>3. High Blood Pressure, All Ages 20+, Both Sexes</li> <li>4. Mental Health Visits, All Ages 20+, Both Sexes</li> <li>5. Chronic Obstructive Pulmonary Disease (COPD), All Ages 35+, Both Sexes</li> </ol>
Children and Youth	<ul style="list-style-type: none"> <li>• Asthma</li> <li>• Mental Health and Addiction Related ED Visits</li> <li>• Injuries (All Admissions and ED Visits)</li> </ul>	<b>Neighbourhoods:</b> Individual, All  <b>Sub-Regions:</b> All Neighbourhoods in sub-regions  <b>LHINs:</b> All	2014/15	
Mother and Babies	<ul style="list-style-type: none"> <li>• Mother and Babies</li> </ul>	<b>Neighbourhoods:</b> All <b>LHINs:</b> All	2012/15	
Injuries	<ul style="list-style-type: none"> <li>• All Admissions and ED Visits</li> </ul>	<b>Neighbourhoods:</b> All <b>LHINs:</b> All	2014/16	
Hospital Admissions	<ul style="list-style-type: none"> <li>• Mental Health and Addiction related Hospital Admissions</li> <li>• Ambulatory Care Sensitive Conditions Hospitalizations</li> </ul>	<b>LHINs:</b> All	2012/14	<b>• Hospital Admissions Indicators (LHINs)</b>  <b>All Hospital Admissions</b> <ol style="list-style-type: none"> <li>1. Age-Adjusted Annual Hospitalization Rates (all cause) per 1,000 population, Both Sexes, All Ages 0+</li> </ol> <b>Alternate Level of Care (ALC) Days</b> <ol style="list-style-type: none"> <li>1. Age-Adjusted Rates of Hospital Days That Are Alternate Level of Care (ALC) per 1,000 population, Both Sexes, All Ages 0+</li> </ol> <b>Medical Hospital Admissions</b> <ol style="list-style-type: none"> <li>1. Age-Adjusted Annual Hospitalization Rates for Medical Conditions per 1,000 population, Both Sexes, All Ages 0+</li> </ol>



				<p><b>Surgical Hospital Admissions</b></p> <p>1. Age-Adjusted Annual Hospitalization Rates for Surgical Conditions per 1,000 population, Both Sexes, All Ages 0+</p> <p><b>Prenatal Hospital Admissions</b></p> <p>1. Age-Adjusted Annual Hospitalization Rates for Prenatal Conditions per 1,000 Women, Ages 15-49</p>
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