

Ministry of Health

Ontario Health Teams Virtual Engagement Series

Data Package and Data Supports Information Session

July 2021

Land Acknowledgement

We gather today virtually from many parts of what is now called Ontario.

I acknowledge I am joining this meeting from the area covered by Treaty 13, also known as the Toronto Purchase.

Traditionally, Toronto was a gathering place for many nations including the Anishnaabeg, the Haudenosaunee and the Wendat peoples.

We are grateful for the opportunity to live, meet and work on this territory and pay respects to the Mississaugas of the Credit.



OHT Virtual Engagement Series - Webinar Participant Instructions

The *OHT Virtual Engagement Series* is an opportunity for teams to learn and ask questions about areas of common interest. We encourage active participation throughout the webinar.

Ministry of Health

Ontario Health Teams Virtual Engagement Series

Recording...

Ontario

Webinar Controls

Desktop Device

- click meeting controls at the top/bottom of your screen

Mobile Device

- Tap your screen for controls to appear

Chat Participants

Chat Box

From Me to **Everyone** From Me to **Host**

Great representation from all regions here today!

I would be very interested to hear how other OHTs have managed during Covid-19; any lessons learned from others would be valuable

I am having trouble hearing the current presenter.

Is there a number I can use to dial in?

Polling

Polling 1: Sharing Poll Results

1. In Which Region are you located?

Central

East

North

Toronto

West

SUBMIT

1. In Which Region are you located?

| | |
|---------|--------|
| Central | (0) 0% |
| East | (0) 0% |
| North | (0) 0% |
| Toronto | (0) 0% |
| West | (0) 0% |

Today's Discussion

AGENDA

1

Opening Remarks

- Today's session context and objectives

2

Supporting OHTs with Data

- Producing and releasing data packages
- Enhancing data literacy with the *OHT: Data Supports Guidance Document*

3

New Data Package Elements

- What we've heard from teams to date
- New elements: recent data from 2019/20, better location information, socioeconomic status, COVID-19 data

4

Questions & Answers

- An opportunity to ask questions about the data packages

5

Closing Remarks:

- Today's key take-aways
- Upcoming supports activities

2. Supporting OHTs with Data

- Using data to understand who you are as an OHT and how to grow your partnerships.
 - *Jillian Paul, Director, Integrated Policy and Planning Branch, Ministry of Health*
 - *Sherif Kaldas, Director, Health Sector Models Branch, Ministry of Health*

Data is Key to the OHT Model



Ontario Health Teams (OHTs) are groups of providers and organizations that will be clinically and fiscally accountable for delivering a full and coordinated continuum of care to a defined population.

- **Data is fundamental** to enabling and supporting the ongoing implementation of OHTs, providing an opportunity to rethink health care delivery while monitoring performance in a new way.
 - For instance, population-level indicators reflect the experiences of patients regardless of where they receive care, rather than the performance of individual organizations or sectors
- Ontario Health Teams represent **a transition to a population health model**. A key step in this transition is to understand the health, health care utilization, and health care experiences of a population across the continuum of care and beyond traditional sector boundaries.
- The data packages have been designed and produced to **enhance all OHTs' understanding of their attributed patient populations**, i.e., the population for which they will be held accountable at maturity, and aim to address the two most common questions the ministry has heard from OHTs:
 - ? *“Who are we? What is the size and what are the characteristics of our patient population?”*
 - ? *“If we wanted to grow our partnerships, where do we start?”*

Polls 1 and 2: Familiarity with Data Packages

1. Poll: Has your team reviewed the updated data packages sent earlier this month? (select one)

2. Poll: Has your team read and reviewed the *Ontario Health Teams: Data Supports Guidance Document*? (select one)



Supporting OHTs with Data Packages

To answer these questions and help OHTs understand their patient populations, the ministry provided OHTs with the following four (4) reports in their data package:

The content of these reports is largely the same as previous packages, only now updated with 2019/20 data.

Produced by: Health Analytics and Insights Branch, CPAD, MOH

Fiscal Year 2019/20

- 1 Population Overview
 - 1.1 Characteristics of the OHT Population
 - 1.2 Population Characteristics of OHT Compared to Ontario
 - 1.3 Age Distribution of the Attributed Population
 - 1.4 Attributed Population by Age Group in OHT Compared to Ontario
 - 1.5 Attributed Population by Census Sub-Division (CSD)
 - 1.6 Marginalization
- 2 Population Health
- 3 Performance Indicators
 - 3.1 Access
 - 3.2 Effectiveness
- 4 Hospital Inpatient Care
- 5 Hospital Ambulatory Care
- 6 Long Term Care (LTC) and Home Care
- 7 Primary Care
- 8 Primary Care Patient Enrolment Models (PEMs)
- 9 COVID-19 Indicators
- 10 Health Conditions
- 11 General Concepts
- 12 Performance Indicator Notes
- 13 Utilization Analysis Notes

1. Population, Performance and Utilization Measures (HTML)

This document provides an overview of health characteristics and demographic information about a team's attributed population, as well as data on performance and utilization measures.

- This report includes socioeconomic status indicators and COVID-19 indicators, which will be discussed later in the session.

The screenshot shows an Excel spreadsheet with the following content:

1 Attributed Population by OHT and 2016 Census Dissemination Area

2 Sources: OHT Attributed Population, 2019/20 (HSMB, MOH); PCCF, Nov 2020 postal codes (Statistics Canada)

3 This report only includes Dissemination Areas where the attributed population count is greater than or equal to 5.

4 The Total Attributed Population column includes all HCNs assigned to this Dissemination Area, whether or not they are assigned to an OHT.

| Dissemination Area Unique ID | OHT Attributed Population (2019/20) | Total Attributed Population |
|------------------------------|-------------------------------------|-----------------------------|
| 35340056 | 6 | 516 |
| 35340058 | 15 | 697 |
| 35340059 | 5 | 480 |
| 35290298 | 12 | 566 |
| 35290320 | 7 | 2082 |
| 35290321 | 5 | 641 |

2. Attributed Population by OHT and 2016 Census Dissemination Area (Excel)

This workbook includes the count of your OHT's attributed population in each 2016 Census Dissemination Area (DA).

- This report is new to most OHTs.

Supporting OHTs with Data Packages (con't)

The content of these reports is largely the same as previous packages, only now updated with 2019/20 data.

3. Costs by Care Type and Health Profile Group (Excel)

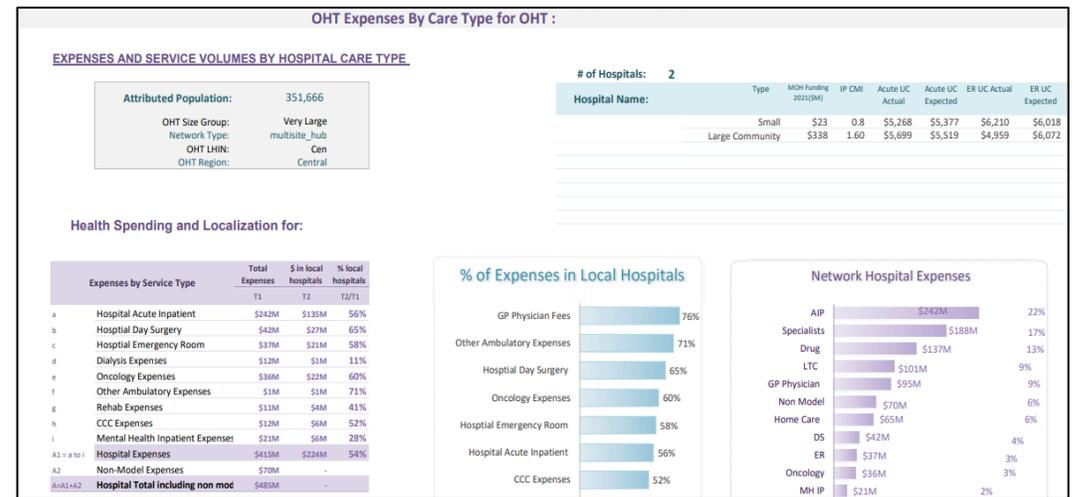
This workbook focuses on the healthcare expenses of an OHT's network, including total expenses and expenses per Health Profile Group (HPG) population.

| Program Code | HPG Category | HPG Pop | Inpatient Expense | Day Surgery Expense | ER Expense | Dialysis Expense | Oncology Expense |
|--------------|------------------------------|---------------|---------------------|---------------------|---------------------|--------------------|--------------------|
| 1 | p. Palliative | 644 | \$9,479,210 | \$239,241 | \$648,585 | \$399,825 | \$1,881,750 |
| 2 | a. Major Acute | 2,655 | \$15,909,556 | \$1,566,907 | \$1,671,256 | \$1,151,091 | \$480,365 |
| 3 | b. Major Chronic | 3,418 | \$14,017,056 | \$2,009,081 | \$1,666,537 | \$3,618,929 | \$426,643 |
| 4 | c. Major Newborn | 424 | \$1,095,658 | \$12,205 | \$59,831 | - | - |
| 5 | d. Major Mental Health | 1,853 | \$3,556,570 | \$341,717 | \$1,050,945 | \$39,985 | \$93,129 |
| 6 | e. Major Cancer | 1,393 | \$3,565,008 | \$985,111 | \$393,570 | \$86,661 | \$5,179,813 |
| 7 | f. Moderate Acute | 2,745 | \$1,412,834 | \$1,352,952 | \$813,899 | - | \$32,046 |
| 8 | g. Moderate Chronic | 9,844 | \$3,169,495 | \$3,069,085 | \$1,335,915 | - | \$137,507 |
| 9 | h. Other Cancer | 1,171 | \$200,890 | \$382,220 | \$96,106 | - | \$840,434 |
| 10 | i. Other Mental Health | 5,988 | \$557,969 | \$436,428 | \$952,617 | - | - |
| 11 | j. Obstetrics | 1,322 | \$1,698,547 | \$179,109 | \$247,612 | - | - |
| 12 | k. Minor Acute | 20,840 | \$425,657 | \$1,069,222 | \$1,666,732 | - | - |
| 13 | l. Minor Chronic | 5,359 | \$280,430 | \$578,589 | \$439,889 | - | - |
| 14 | m. Healthy Newborn | 621 | \$390,256 | \$4,438 | \$49,546 | - | - |
| 15 | n. User No Health Conditions | 4,400 | - | \$21,536 | \$474 | - | - |
| 16 | o. Non-User | 5,763 | - | - | - | - | - |
| 17 | Total | 68,440 | \$55,759,136 | \$12,247,841 | \$11,093,516 | \$5,296,492 | \$9,071,686 |

4. Expenses (PDF)

This document provides information on expenses and service volumes stratified by hospital care types, as well as information on the cost of providing care to each HPG, in the form of bar graphs and pie charts.

- This report is a merger of two previously separate reports.



Ontario Health Teams: Data Supports Guidance Document

The ministry has also developed and provided OHTs with the *Ontario Health Teams: Data Supports Guidance Document*. The purpose of this document is to enhance teams' data literacy by providing a detailed written walkthrough of each element of the Data Package and answering the most common questions received over the course of hundreds of OHT data calls.

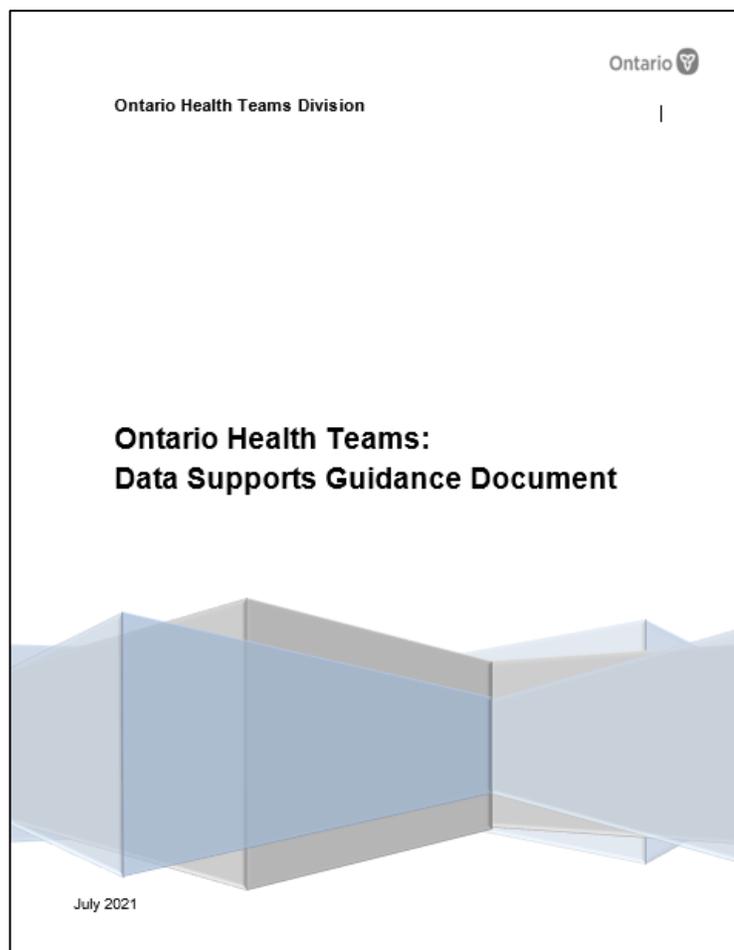


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2. Attributing Patients to an Ontario Health Team
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 - A. Population, Performance and Utilization Measures
 - B. Attributed Population By OHT and 2016 Dissemination Area
 - C. Costs by Care Type and HPG
 - D. Expenses
4. Conclusion
5. Additional Resources

The *Ontario Health Teams: Data Supports Guidance Document* will be available in French translation, compliant with the Accessibility for Ontarians with Disabilities Act (AODA) and posted on the ministry's OHT website later this summer!

Polls 3 and 4: Uses for Data Packages

3. Poll: If you have reviewed your data package, please rate how easy it is to navigate on a scale from 1 to 4. (select one)

4. Poll: Which pieces of the data package do you think you would use most frequently? (select one)



3. New Data Package Elements

- An overview of the new data enhancements included in the updated data packages.
 - *Jennifer Bridge, Director, Health Analytics and Insights Branch, Ministry of Health*

New Data Enhancements

The ministry is committed to hearing from OHTs and responding to their data needs. Since releasing the first round of data packages, OHTs highlighted various gaps in the data available to them. In response, the ministry has provided data enhancements outlined in the table below.

| Theme | Questions & Requests from OHTs | New Data Elements |
|--|--|---|
| Recent Data | <ul style="list-style-type: none"> Teams appreciated 2016/17 – 2017/18 data, but requested more recent data to inform their implementation efforts | <ul style="list-style-type: none"> ✓ <u>Recent data packages include more recent population / network data, including data from 2019/20.</u> |
| Location Information | <ul style="list-style-type: none"> Teams have requested more granular data on the location of residents within their affiliated network(s). | <ul style="list-style-type: none"> ✓ <u>Data packages now include an analysis of each attributed population by Dissemination Area (DA).</u> • Providing more granular data to teams may support their ability to link their attribution data with local data sources. |
| Socioeconomic Status and Underserved Communities | <ul style="list-style-type: none"> Teams have asked the ministry to identify the proportion of their populations that are Francophone and Indigenous. Other gaps in sociodemographic information include data such as race, income, household size and language. | <ul style="list-style-type: none"> ✓ <u>Socioeconomic analyses of each attributed population based on four dimensions of marginalization identified in the Ontario Marginalization Index have been added to the data packages.</u> • The ministry cannot identify specific populations within OHT data at this time. The ministry is currently engaging with support partners to determine opportunities in this area. |
| COVID-19 Infection Rates | <ul style="list-style-type: none"> Teams expect more data on COVID-19 and rates of infection in their attributed populations | <ul style="list-style-type: none"> ✓ <u>Recent data packages include calculations of COVID-19 rates, hospitalizations and fatalities in each team’s attributed patient population, up to March 31, 2021.</u> |

Filling Additional Data Gaps



The ministry recognizes further enhancements will need to be made to close remaining data gaps so that OHTs can have a more complete picture of the comprehensive care needs of their attributed populations. The ministry is committed to working together with our partners to ensure such data gaps are identified and considered, in close collaboration with the impacted communities.

Socioeconomic Analyses via ON-Marg

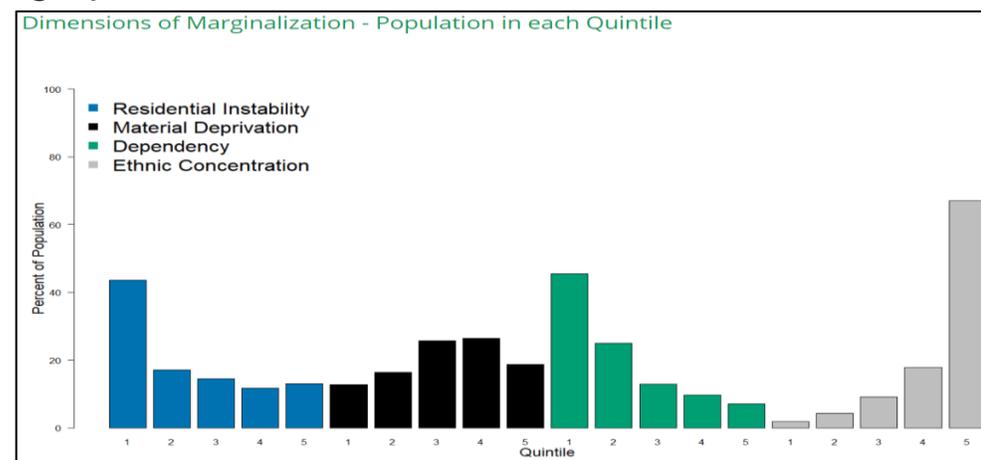
To provide OHTs with an overview of the socioeconomic status of their attributed populations, the ministry calculated scores for each OHT using the Ontario Marginalization Index (ON-Marg). This data is found in [Subsection 1.6 Marginalization](#) of the *Population, Performance and Utilization Measures* document.

ON-Marg data for each OHT is presented in your data packages in two different ways:

1. In the first image, all OHTs in Ontario were classified into quintiles for each ON-Marg dimension, where 1 is low and 5 is high. This provides a quick sense of the OHT's socioeconomic position relative to other OHTs and to the province overall.

| Quintile of OHT ON-Marg scores | | | |
|--------------------------------|----------------------|------------|----------------------|
| Residential Instability | Material Deprivation | Dependency | Ethnic Concentration |
| 1 | 4 | 1 | 5 |

2. The second image shows the percentage of the attributed population within each ON-Marg quintile, in graph form.



About the Ontario Marginalization Index (ON-Marg)

- The Ontario Marginalization Index (ON-Marg) is an area-based index that measures various aspects of marginalization. ON-Marg uses a range of demographic indicators to create four dimensions of marginalization: residential instability, material deprivation, ethnic concentration and dependency.
- The intent of the index is to show differences in marginalization between geographic areas, using measures of economic, ethno-racial, age-based and social marginalization, and to understand inequalities in various measures of health and social well-being.



COVID-19 Data

The updated data packages also present COVID-19 indicator data, including the number of cases, hospitalizations, and fatalities based on the OHT's attributed population and the province overall. COVID-19 data for the OHT can be found in the *Population, Performance and Utilization Measures* document.

| Measure | OHT | Ontario |
|---|---------|---------|
| Number of COVID-19 cases | 42,329 | 354,428 |
| COVID-19 case rate per 100,000 attributed population | 4,679.8 | 2,401.1 |
| Hospitalized COVID-19 cases | 1,476 | 18,351 |
| Hospitalized COVID-19 cases per 100,000 attributed population | 163.2 | 124.3 |
| Fatal cases | 498 | 7,742 |
| COVID-19 fatality rate per 100,000 attributed population | 55.1 | 52.4 |

A note about dates and COVID-19 data

- For this analysis, the attributed population is linked directly to the Case and Contact Management System (CCM) to identify cases and outcomes in the attributed population up to March 31, 2021.
- However, the attributed population includes Ontario residents as of March 31, 2020.
- Some COVID-19 cases will not be included in the provincial totals for new arrivals to the province; people that may have lived in the province but did not have health care eligibility; or newborns after that date.

4. Questions & Answers

- An opportunity to ask the ministry team any questions about the data packages.
 - *Andrea Monahan, Team Lead, Integrated Policy and Planning Branch, Ministry of Health*
 - *Nicholas Overgaard, Senior Policy Consultant, Integrated Policy and Planning Branch, Ministry of Health*



Please submit questions in the Chat Box



Please submit questions in the Chat Box

5. Closing Remarks

- Summary of key take-aways and highlights of upcoming Central Program of Supports activities
 - *Jillian Paul, Director, Integrated Policy and Planning Branch, Ministry of Health*

Key Take-Aways



Data is an essential part of enabling and supporting the implementation of OHTs and measuring the success of the OHT model.



The ministry is responding to OHT needs by filling data gaps and developing new resources for OHTs, including the *Ontario Health Teams: Data Supports Guidance Document*, that enhance teams' understanding of their patient population.



Generating data enhancements and supports is a complex, ongoing process. The ministry is committed to providing teams with data and analytics support as they progress along the pathway to maturity.



Any questions and comments about the specific data provided to your OHT can be brought to your ministry point of contact, who will work with you to provide a response.

Highlights of Upcoming OHT Central Program of Supports Activities



August (TBC): Collaborative Quality Improvement Plans Webinar, session will focus on the development and planning of collaborative Quality Improvement Plans (cQIPs) for FY 2022-23.

Other upcoming / planned events:

- **OHT's Patient Declaration of Values**
- **Home and Community Care**

OHT Shared Space: OHTs are encouraged to join and actively participate in the OHT Shared Space hosted by Rapid Improvement Support & Exchange (RISE) and Ontario Health. Current **Communities of Practice** are focused on patient, family and caregiver partners; evaluation and performance improvement for OHTs; digital health; as well as one for teams in development. (<https://quorum.hqontario.ca/oht-collaboratives/en-us>)

Wrap up and Next Steps

Survey

Please take a few moments to complete the survey that follows. Your feedback will help inform how best the ministry and partners can support you in your OHT work.

Thank you for joining us today!