UpOnDigital Conference

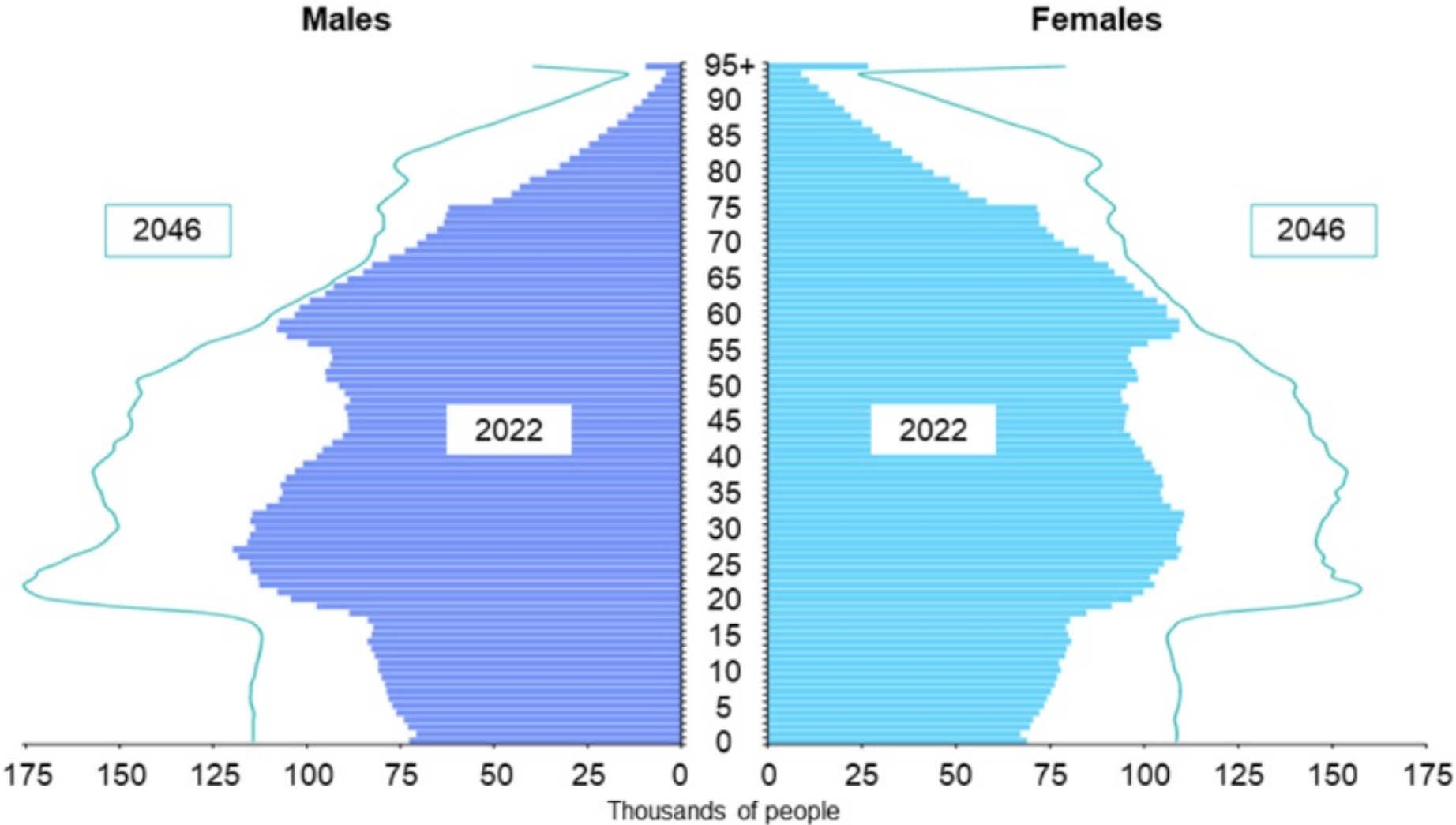## Long Term Care

Kevin Chung and Gail Dobell| March 5, 2024

Ontario Health

Age pyramid of Ontario's population, 2022 and 2046

Ontario Population Projections Update, 2022-2046.

https://data.ontario.ca/dataset/population-projections

Sources: Statistics Canada for 2022, and Ontario Ministry of Finance projections.

LTC sector context

- Total number of LTC homes: **621 homes**

- Total number of beds: **80,211 beds**

Regions	Number of LTCHs	Number of licensed beds
West	233	27,330
Central	99	13,417
Toronto	82	15,208
East	141	17,434
North East	47	4,937
North West	19	1,885
Total	**621**	**80,211**

Note: The data are subject to change depending on data source and time of data pull.

Benefits of Digital Health in LTC

Improved diagnostics

Timely access to resident health information

Decrease in the retelling of residents' stories

Increased coordination of residents' care plans

Access to specialists through virtual care

Improved communication and collaboration across carers

Improved resident quality of life

Reduced transfers to Emergency Departments

Decreased social isolation

Behaviour management supports

Improved quality of care

Predictive analytics

Digital opportunities for LTC

- Improved flow of electronic health record information across LTC, Primary Care, Specialty Geriatrics, hospitals, etc.

- Adoption of point of care digital tools providing individualized, evidence-based care information/guidelines

- Improved analytics to drive LTC operations:
  - Wait list management for LTC placement
  - Identification of high intensity needs and service gaps
  - Linked service utilization, outcomes, and resident experience data

- Resident supports:
  - Robotics, electronics
  - Plush comfort devices

- Other operations tools
  - HHR planning
  - Diagnostic, monitoring (e.g., remote, sensory), and tracking devices
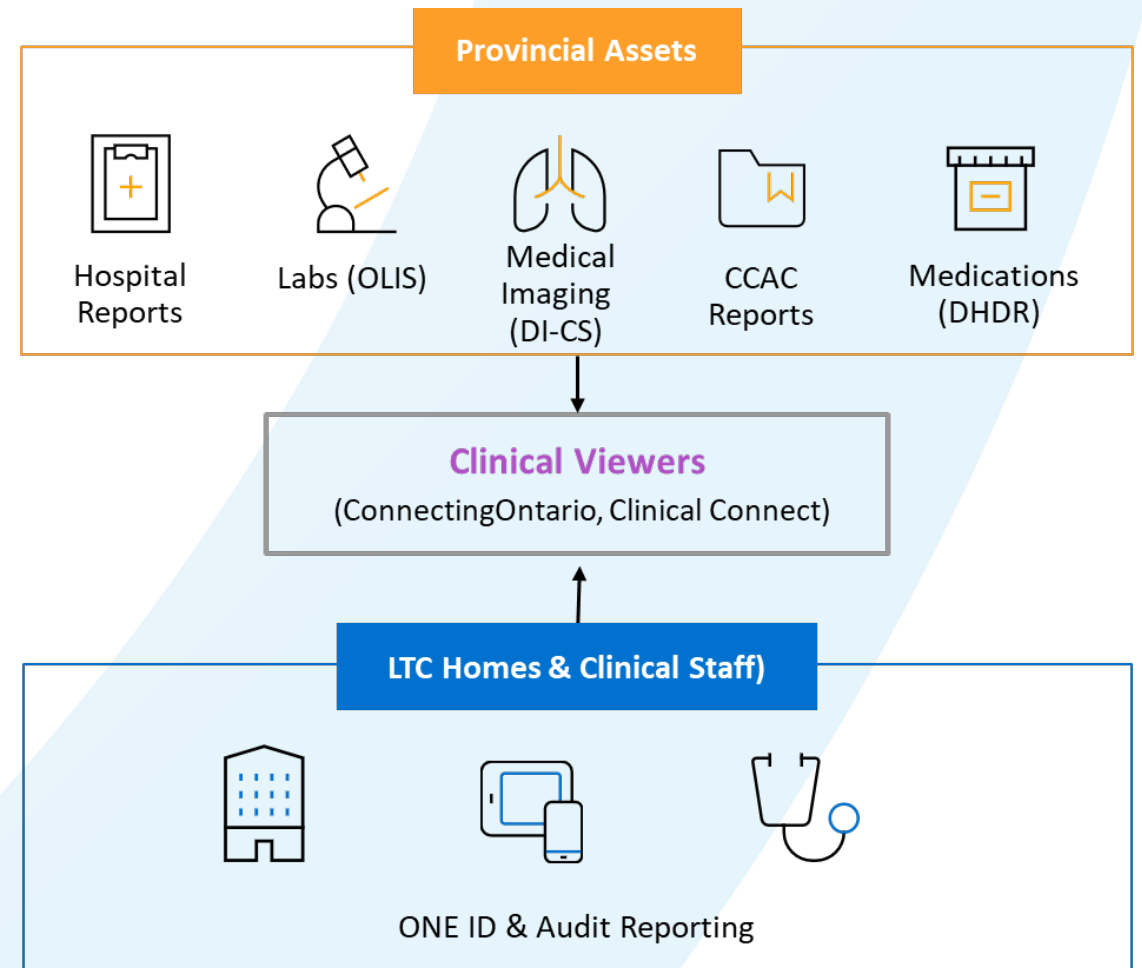 - Virtual communications – linking providers, other sectors, residents, families
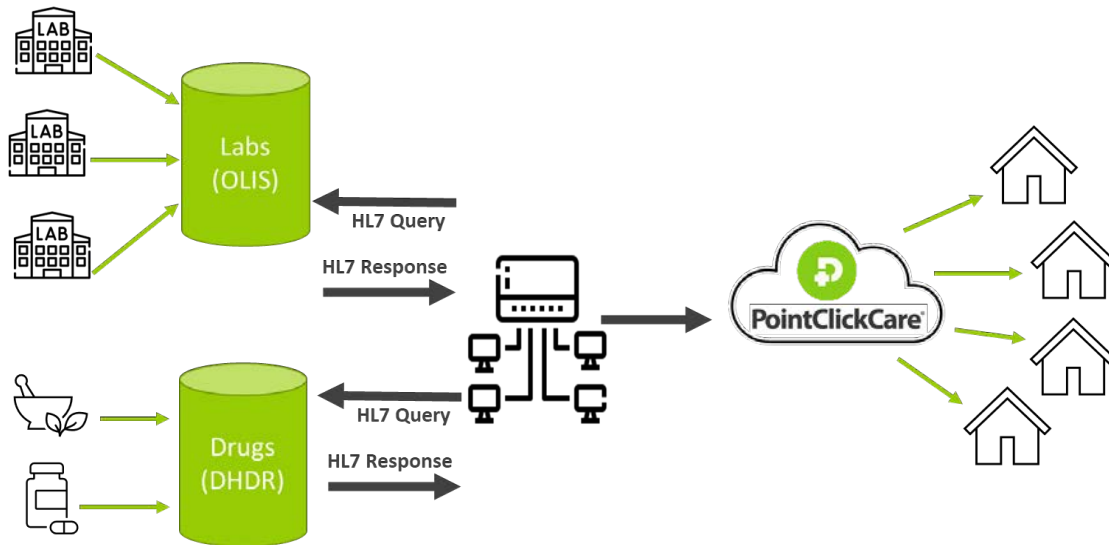
Phase 1: eConnect

Background:

- Long-term care (LTC) homes may access digital provincial assets, including hospital reports and OLIS.

- Clinicians must log in to view this information, rather than accessing it directly in the EHR.

Value Proposition:

- Direct access to the provincial viewers, via ONE ID credentials, in the PointClickCare system

- Audit features to manage access to health data

Provincial Assets

Hospital Reports · Labs (OLIS) · Medical Imaging (DI-CS) · CCAC Reports · Medications (DHDR)

Clinical Viewers
(ConnectingOntario, Clinical Connect)

LTC Homes & Clinical Staff)

ONE ID & Audit Reporting

Phase 2: eConnect Plus

Background:

- Development of a solution to allow for sharing of provincial patient lab results and medication dispensed.

Value Proposition:

- LTC homes can ingest lab and drug data from the clinical repositories into their PointClickCare system.
- Ensures patients' provincial drug and lab records are up-to-date.

Status:

- PointClickCare direct integration with OLIS and DHDR went live May 2022.
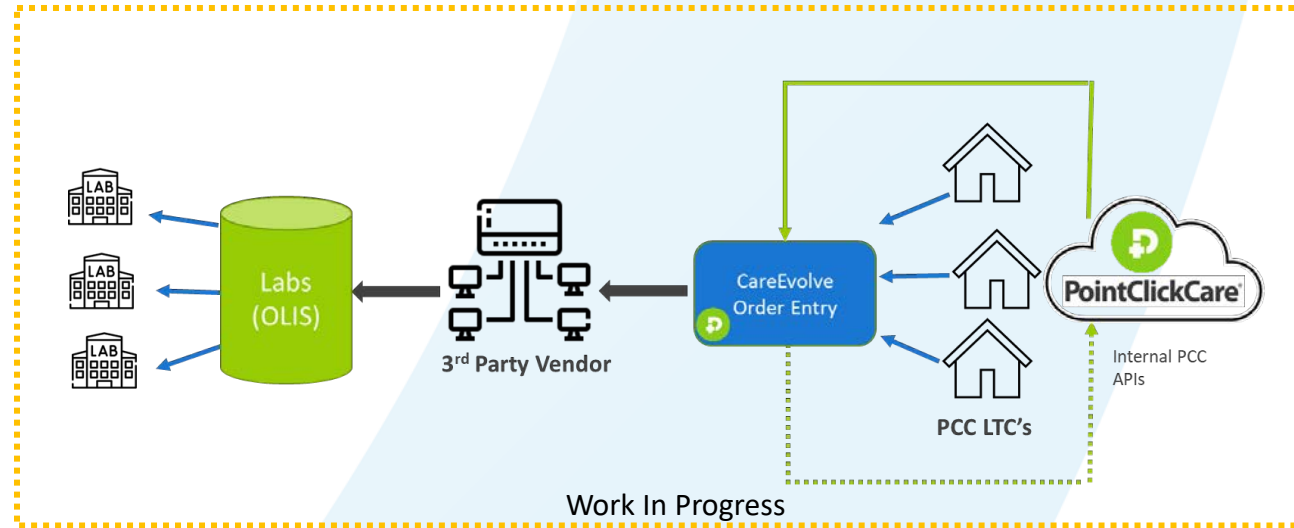- To date PointClickCare has contracted with 429 LTC homes for eConnect Plus.

LTC: Lab E-Ordering via PointClickCare

Background:

- PointClickCare (PCC) direct integration with OLIS.

- Next steps include electronic ordering (E-Ordering) of lab tests

Value Proposition:

- E-Ordering for providers in LTC facilities

- Lab orders using PCC to submit into the OLIS repository.

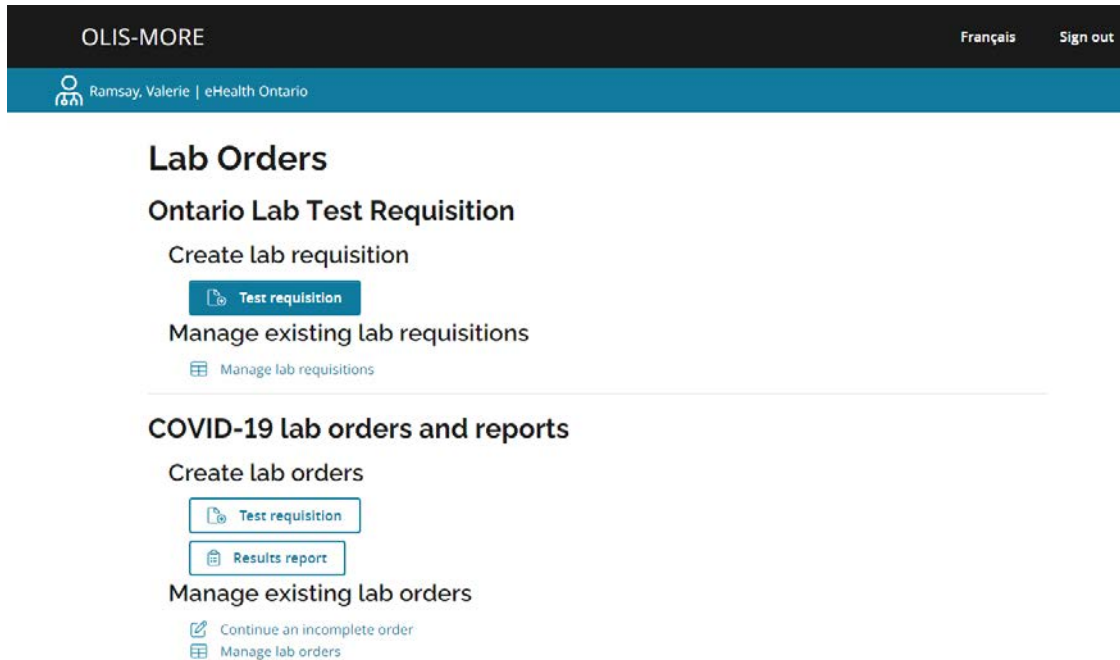- PCC is integrated into 95% of LTC sites in Ontario.

Status:

- PointClickCare began building the application and required interfaces to support e-ordering

- Ontario Health is providing OLIS/HL7 SME advisory, coordinating privacy and security requirements, facilitating access to the OLIS test environment.

LTC: Lab E-Ordering via OLIS-MORE

Background:

- Lab digitization is accelerating the utilization of end-to-end electronic lab testing workflows for health care providers and between labs.

Value Proposition:

OLIS-MORE:

- secure, web-facing interface that allows organizations to digitally place orders/test requisitions for their patients.

- supports locations performing Rapid Point Of Care Tests, that do not have access to a Lab Information System, to submit COVID-19 test results directly into OLIS.

Status:
- 35 LTC homes that do not have access to a PointClickCare system have been contacted to potentially begin onboarding to OLIS-MORE.
- 7 homes are live with OLIS-MORE and 6 are in progress.

Thank you