Disclosure Statement

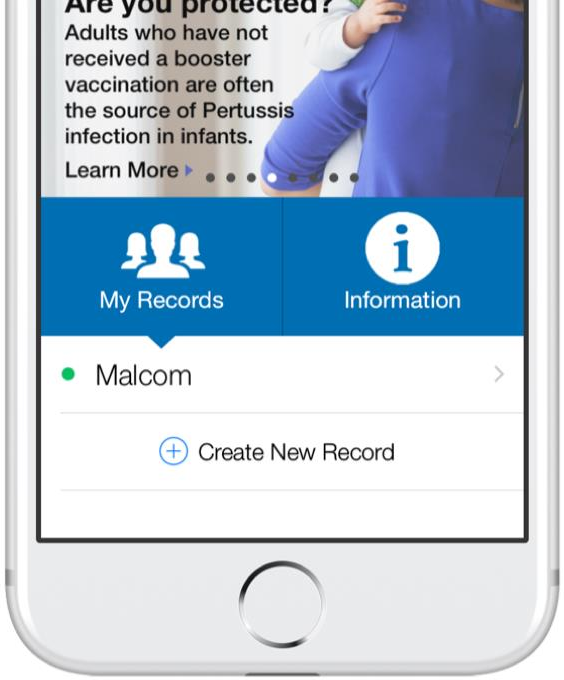
- We have no affiliation (financial or otherwise) with a pharmaceutical, medical device or communications organization.

Building Digital Connections

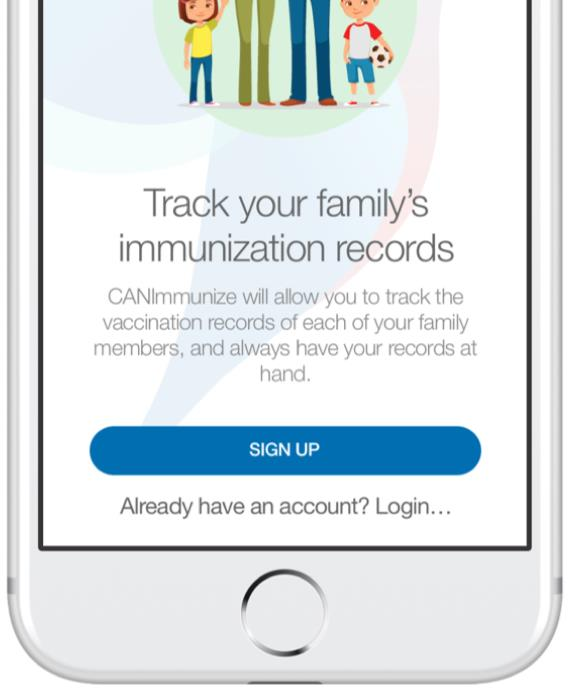
Three Years of Mobile App Immunization Reporting with CANImmunize and Ottawa Public Health

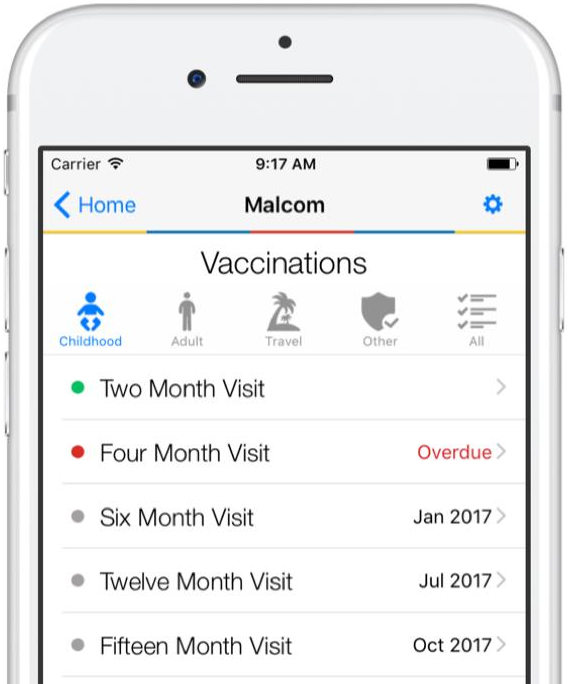
Cameron Bell (OHRI) and Jessie St John (OPH)

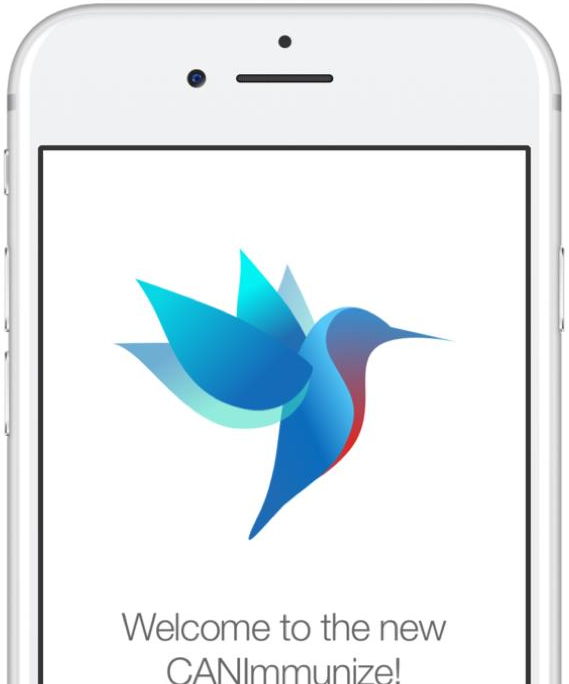
May 2018


Are you protected?
Adults who have not received a booster vaccination are often the source of Pertussis infection in infants.
Learn More
My Records
Information
Malcom
Create New Record

CANImmunize
Lifelong Records, Lifelong Protection
A Digital Immunization Record for Canadians
GET STARTED
Français


Track your family's immunization records
CANImmunize will allow you to track the vaccination records of each of your family members, and always have your records at hand.
SIGN UP
Already have an account? Login…


Carrier
9:17 AM
Home
Malcom
Vaccinations
Childhood
Adult
Travel
Other
All
Two Month Visit
Four Month Visit
Overdue
Six Month Visit
Jan 2017
Twelve Month Visit
Jul 2017
Fifteen Month Visit
Oct 2017


Welcome to the new CANImmunize!

Partnership

- Initiated by Dr. Kumanan Wilson (OHRI) and Dr. Carolyn Pim (OPH) in 2015

- Goal: Allow parents in the Ottawa area to report their children's immunization records to Ottawa Public Health using the CANImmunize app

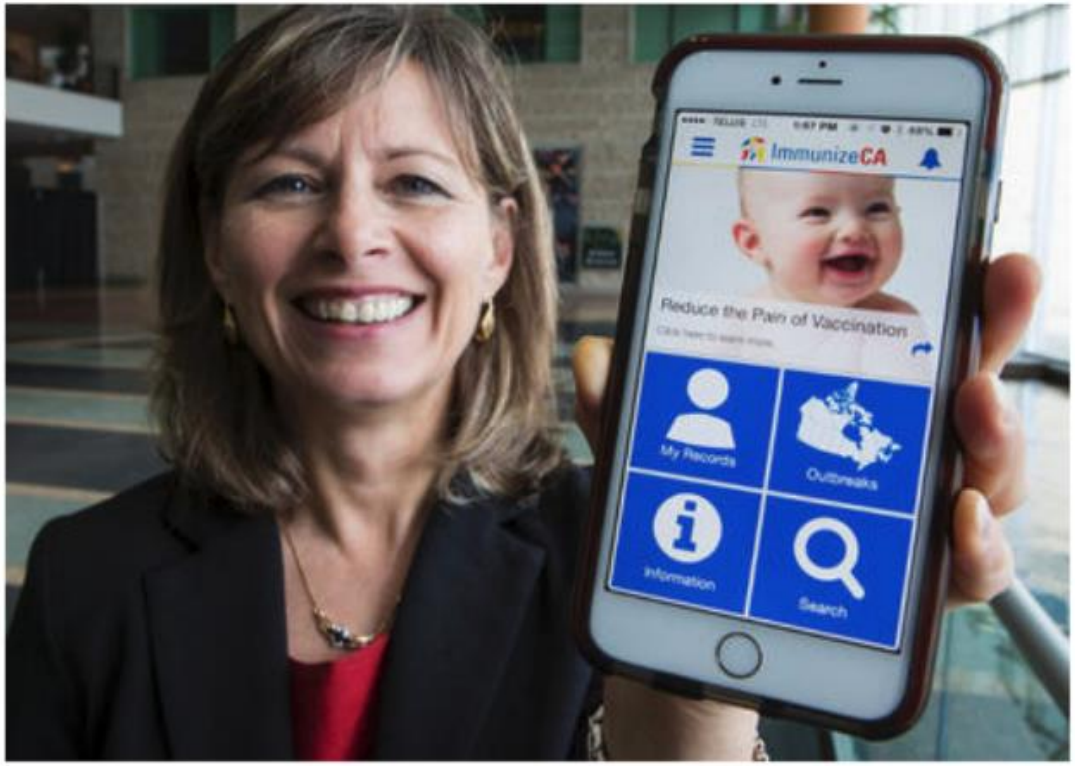
The Ottawa Hospital RESEARCH INSTITUTE | L'Hôpital d'Ottawa INSTITUT DE RECHERCHE

Ottawa Public Health

App working to solve Ottawa Public Health vaccination data backlog

BY DANI-ELLE DUBE, OTTAWA SUN

FIRST POSTED: THURSDAY, APRIL 30, 2015 04:48 PM EDT | UPDATED: THURSDAY, APRIL 30, 2015 05:33 PM EDT



Sherry Nigro, Manager of Health Promotion and Disease Prevention with Ottawa Public Health, holds an IPhone running the ImmunizeCA app on Thursday April 30, 2015. Errol McGihon/Ottawa Sun/Postmedia Network

After making it possible for parents to electronically document their child's immunization records, smartphone app ImmunizeCA now allows parents to send their child's records directly to Ottawa Public Health (OPH).

"It's become increasingly more important to have accurate information on immunizations," said Dr. Kumanan Wilson, senior scientist at the Ottawa Hospital Research Institute and one of the app's creator. "What we're hoping with this system is that we allow parents to manage their family's health information and at the same time when their child gets vaccinated they send their information directly to public health."

Launched in March 2014, ImmunizaCA's new feature took Wilson and his team

Original Process: Phase 1

- Involved:
  - Ottawa Hospital Research Institute (OHRI)
  - Ottawa Public Health (OPH)
  - Better Outcomes Registry & Network (BORN)

Phase 1 – April 2015 - December 2017

Challenges

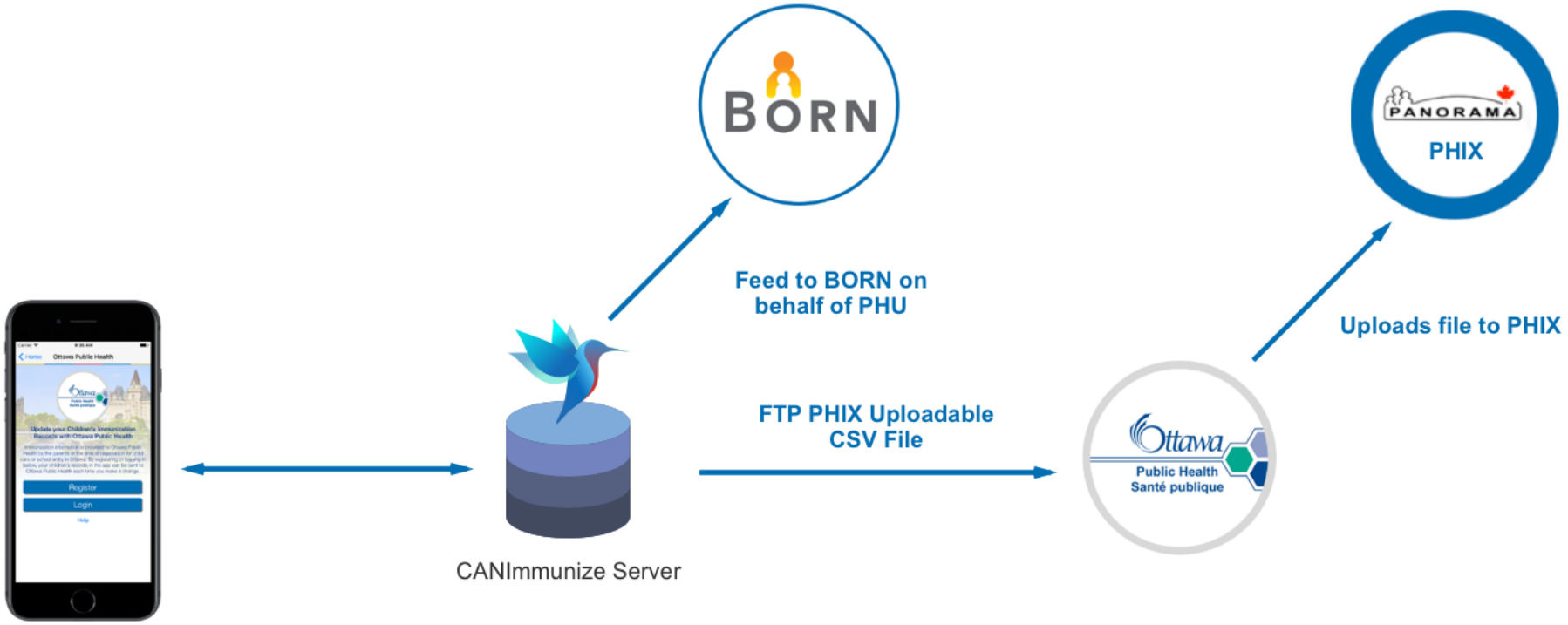
- Selection of due date rather than date administered
- Full records received for updates, increasing assessment and data entry time
- Lack of specificity for some vaccine categories (E.g. Meningococcal)

Results

Number of records sent from CANImmunize to OPH
April, 2015 to April 2018

Unique children related to Immunization Records sent	5,562
Immunization Records sent	**29,752**
Immunization Records sent with an added or updated dose	16,054
Unique Vaccinations	**69,862**

Current State: Phase 2 (PHIX Upload)

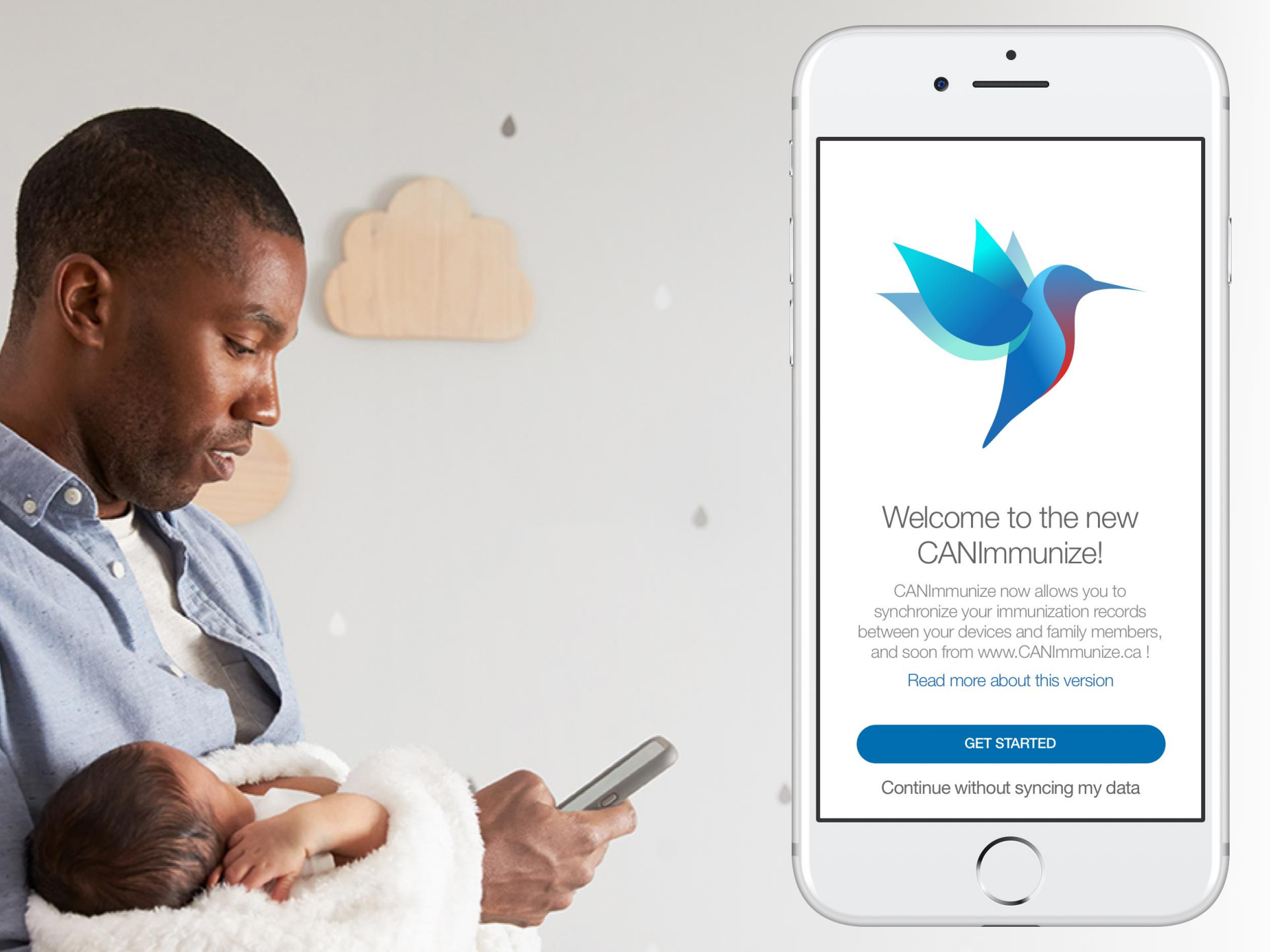


New Process

- Reduced manual data entry
- Increased efficiency
- Reduced potential for errors

Benefits

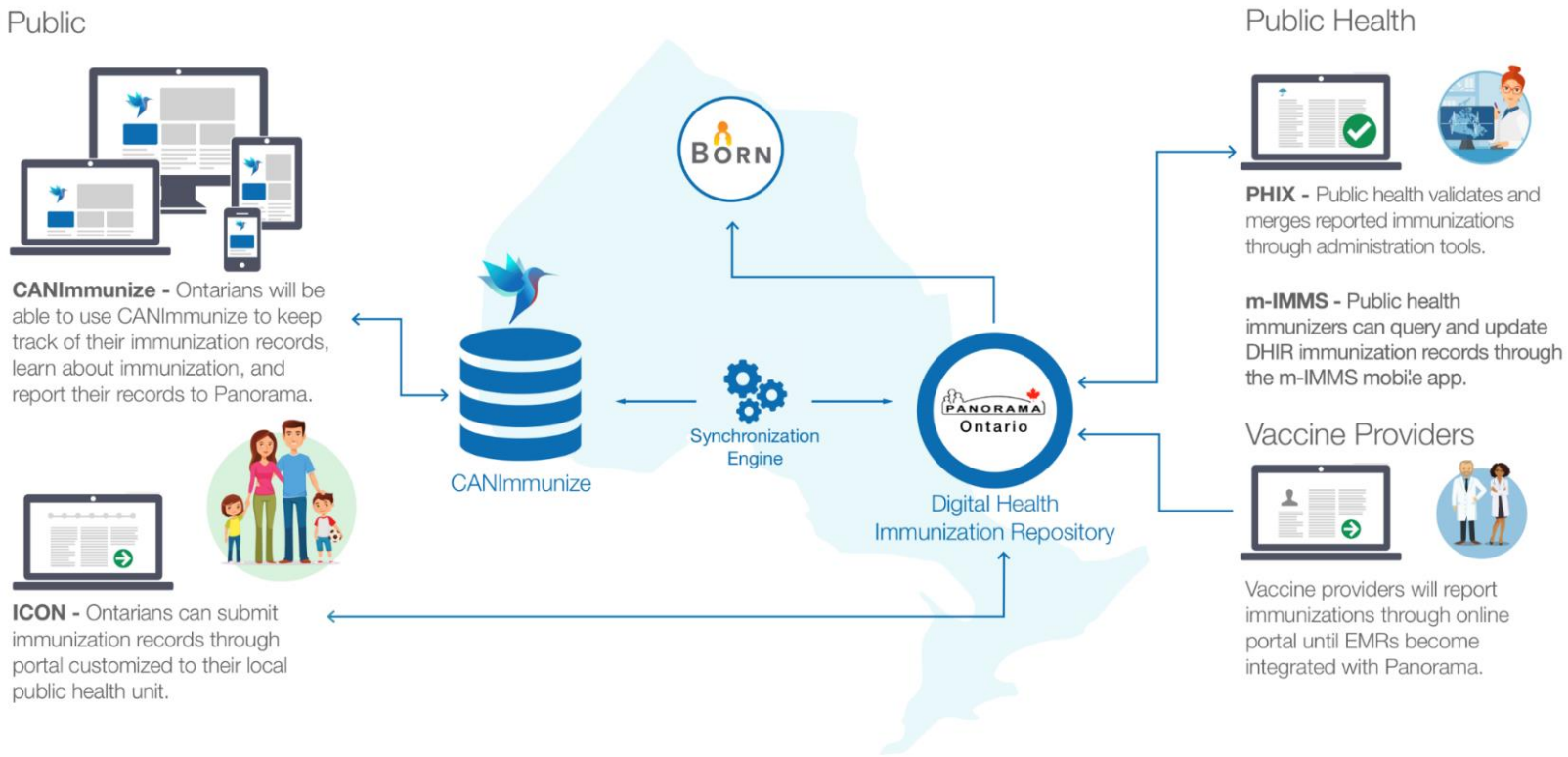
- Convenient mobile reporting
- Information on immunization coverage
- Streamlining of processes
- Health promotion and communication
- Upstream, client centered, population health
- Leveraging partnership and resources
- Service excellence
- Empowering public as partners in health


Welcome to the new CANImmunize!
CANImmunize now allows you to synchronize your immunization records between your devices and family members, and soon from www.CANImmunize.ca !
Read more about this version
GET STARTED
Continue without syncing my data

received.

The Ontario Immunization Landscape

The Digital Health Immunization Repository (DHIR), developed by the MOHLTC, has laid a foundation for the way public-reported health information can be leveraged to improve provincial health information repositories. The lessons learned integrating CANImmunize with the DHIR will inform the implementation of similar systems across Canada and far beyond immunization.



Phase 3 – Late 2018 +

Roadmap

- **Phase 1 – April 2015 – February 2018 – BORN Feed**

- **Phase 2 – February 2018 – PHIX Upload**
  - OPH is currently uploading data extracts from CANImmunize into PHIX
  - KFL&A targeting launch May 2018; Discussions under way with 4 other PHUs

- **Phase 3 – Targeting Spring 2019 – CANImmunize/DHIR Integration**
  - OPH will be the first pilot site

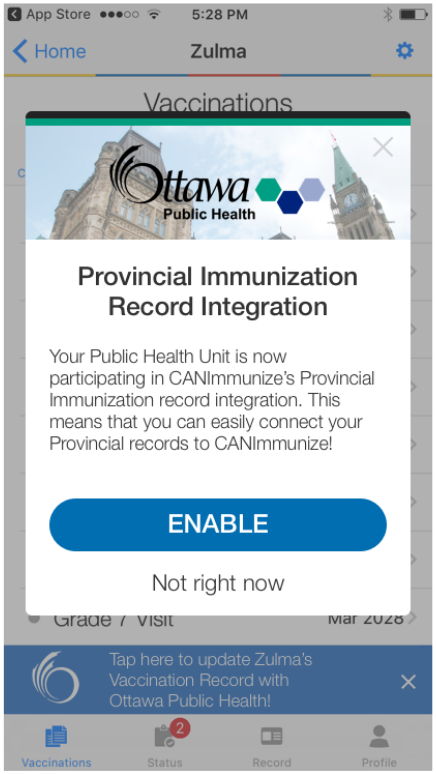
Getting Started with CANImmunize

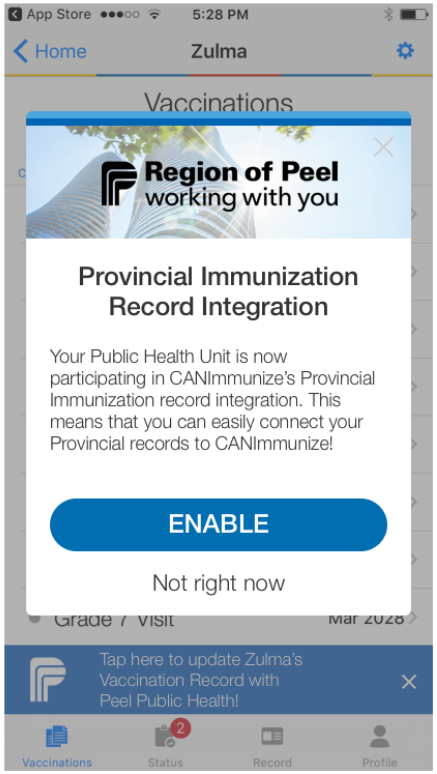
- If you are interested in enabling CANImmunize reporting for your public health unit, please reach out to:

  Katherine Atkinson (katkinson@ohri.ca)

- Onboarding process includes:
  - Execution of agreement
  - Provision of brand assets and consent statement
  - Training on FTP and file upload process
  - Brief quality assurance activities

- Approximately 2.5 months from first conversation to go-live


App Store 5:28 PM
Home
Zulma
Vaccinations
Ottawa Public Health
Provincial Immunization Record Integration
Your Public Health Unit is now participating in CANImmunize's Provincial Immunization record integration. This means that you can easily connect your Provincial records to CANImmunize!
ENABLE
Not right now
Grade 7 Visit
Mar 2028
Tap here to update Zulma's Vaccination Record with Ottawa Public Health!
Vaccinations
Status
Record
Profile


App Store 5:28 PM
Home
Zulma
Vaccinations
Region of Peel working with you
Provincial Immunization Record Integration
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ENABLE
Not right now
Grade 7 Visit
Mar 2028
Tap here to update Zulma's Vaccination Record with Peel Public Health!
Vaccinations
Status
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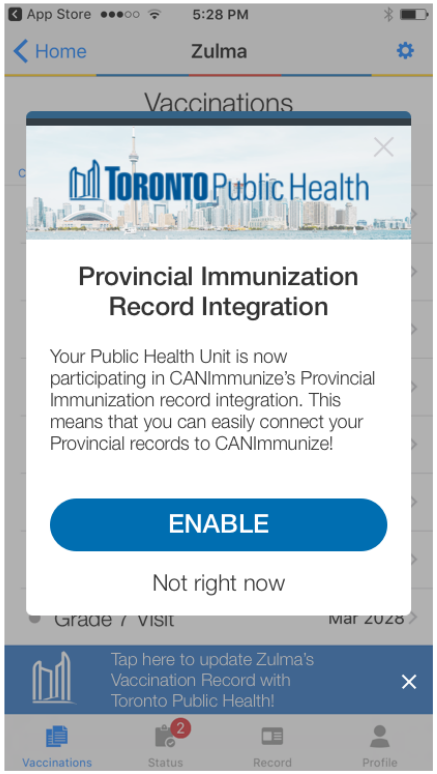
Profile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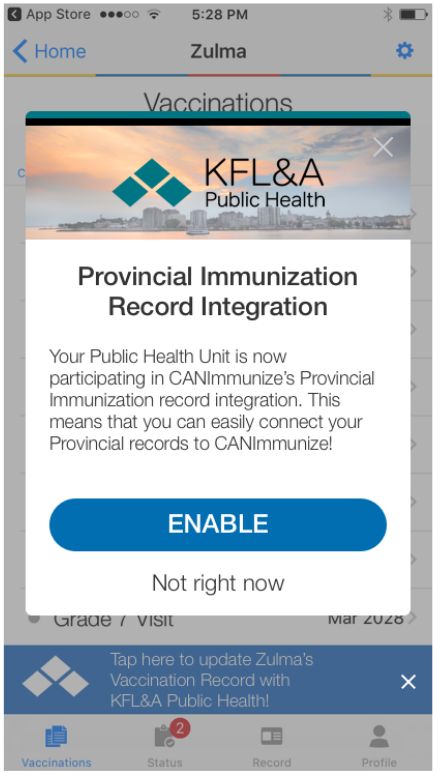
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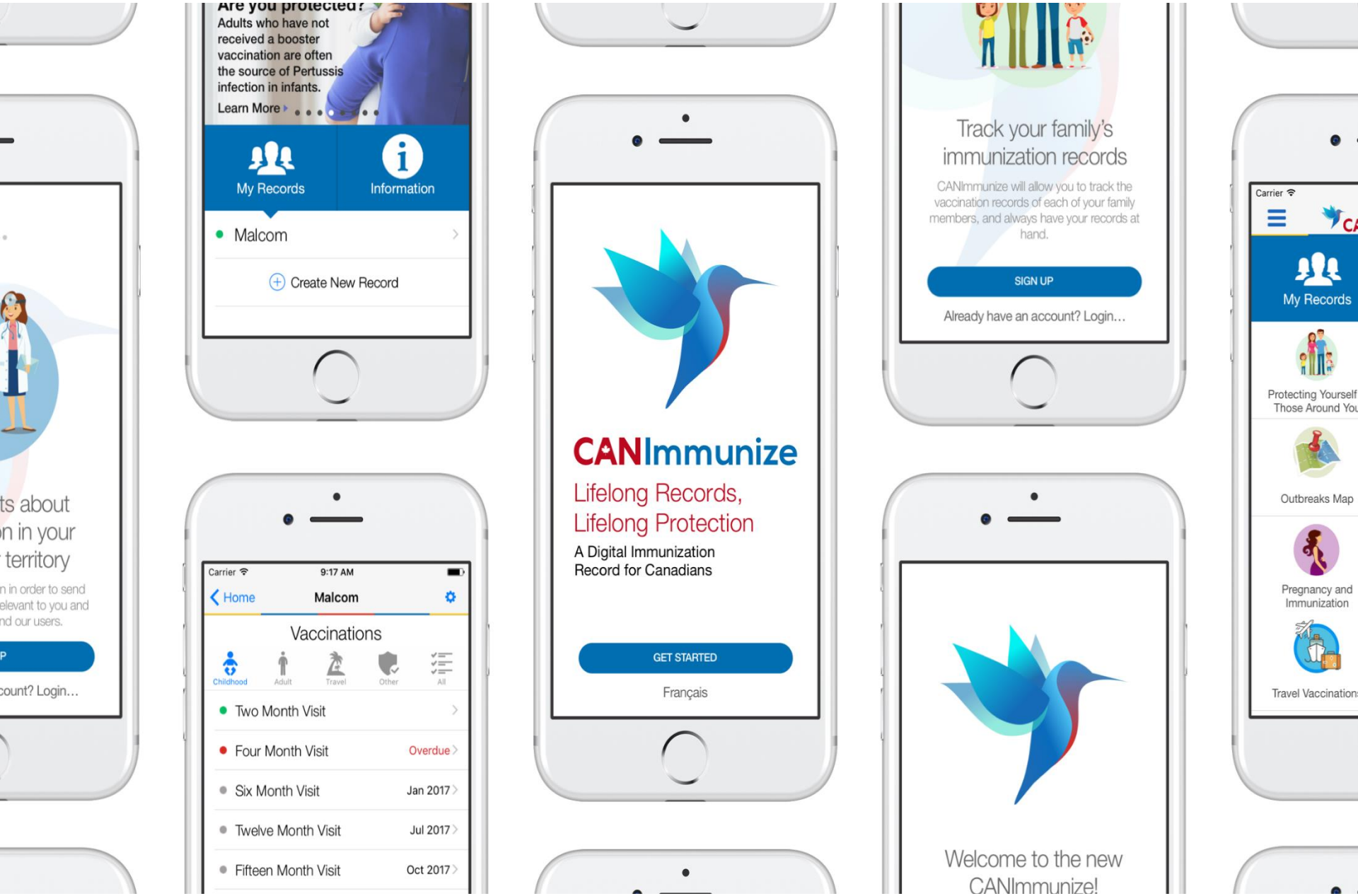
Vaccinations
Status
Record
Profile

Protégez votre enfant contre les maladies
N'attendez pas, Vaccinez!
Health Canada
Santé Canada
Canada

marketing@canimmunize.ca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A Digital Immunization Record for Canadians
GET STARTED
Français
Carrier
9:17 AM
Home
Malcom
Vaccinations
Childhood
Adult
Travel
Other
All
Two Month Visit
Four Month Visit
Overdue
Six Month Visit
Jan 2017
Twelve Month Visit
Jul 2017
Fifteen Month Visit
Oct 2017
Welcome to the new CANImmunize!
My Records
Protecting Yourself Those Around You
Outbreaks Map
Pregnancy and Immunization
Travel Vaccinations