

First Nations Health Infostructure

Excellence in First Nations Telemedicine Workshop

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Overview

- First Nations Health Infostructure (FNHI) - the strategic plan summary
- Going Forward
 - Funding requests
 - Foundation project work
 - Managing expectations
- Discussion



Background: Developing the Plan

- Strategic Plan Development (Oct 07 to May 08)
- Strategic Plan Drafted (May 08)
- Strategic Plan Information Sessions (May to Sept 08)
- CIO's Meetings and Engagement
 - February 08 Forum
 - Spring 08 various individual meetings
 - Updates through Federal CIO (FHP) at other CIO Forums (Fall/08)
- Strategic Plan Approval by FNIHB Senior Management – Sept 24th 08
- Telehealth and Panorama components in progress – Ongoing and with applied funding next three years
- FN Community Engagement – throughout and particularly Fall 08 and to current
 - Includes recent First Nations Health Mangers Conference, AMC eHealth Strategy Workshop
- Foundation Project Planning – Nov 08 to now



First Nations Health Infostructure

Purpose

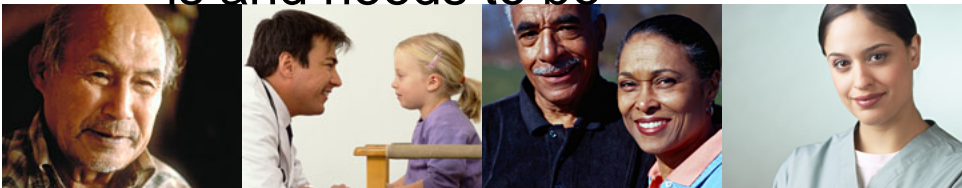
To do a better job of defining, collecting, communicating, managing, disseminating and using data to enable better access, quality and productivity in the health and health care of First Nations

- **A Health Infostructure (information + systems + technology + people) modernizes, transforms and sustains health care**
 - To provide optimal health services delivery (primary and community care included)
 - To provide optimal health surveillance
 - To provide effective health reporting, planning and decision making
 - To provide integration / compatibility with other health services delivery systems



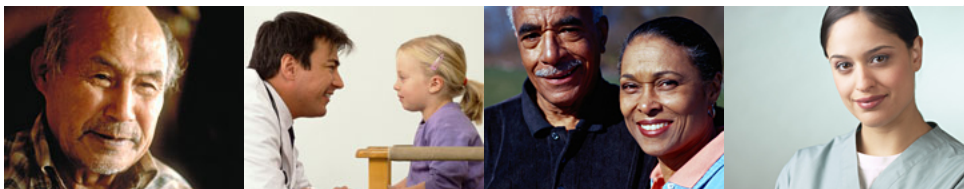
First Nations Health Infostructure – what for

- Directed by Health Canada Minister and FNIHB ADM, Aligned with Infoway and F/P/T direction and an essential tool at the centre of
 - effective health service delivery
 - better health outcomes for FN and I
 - quality, accessible, reliable information
 - FN and I engagement, control, and decision making about their health
- Investments to date have only minimal evidence base to support assessment
 - Last 10 years of investment (TH, Broadband, ...) made definite progress
 - Investments have been opportunistic, programmatic and not grounded in an overall strategic direction
 - At risk without proven results, evidence of benefit
- Moves beyond single program planning, silos, fragmented action to a holistic vision, reference point and direction for what FN infostructure is and needs to be



Vision and Goals of FN Health Infostructure

- Vision: - **Better Information for Better Health
For First Nations Peoples**
- Goals:
 1. An electronic health record capacity and capability for all First Nations people by 2015;
 2. Seamless integration of individual First Nations Infostructures with provincial Electronic Health Record systems;
 3. Meaningful, standardized information for decision support available to First Nations, FNIH Regions and FNIHB;
 4. Collaborative and sustainable partnerships between First Nations, Provinces/Territories and the Federal Government
- Implementation Target by 2015 – all FN Groupings operating and sustaining all needed Health Infostructure components



Key Features of Entire Health Infostructure:

- A common reference point for all stakeholders
- Data and information driven:
 - Supports informed, relevant health decision-making at all levels (with both primary and secondary information)
 - Offers an internally integrated decision-making environment
 - Respects OCAP principles
- Flexible on implementation and integration
 - Supports health and health care services that are First Nations focused (iterative flexible process which recognizes variability of readiness)
 - Provides flexible integration / alignment with PT health infostructures
- Community health focused
 - Supporting groups of communities working together
- Integrated (with provinces), informed (by all), leveraged (from Infoway and Provinces and FN HI work to date)



Strategic Action Plan Context – the Business / and Health Information Environment

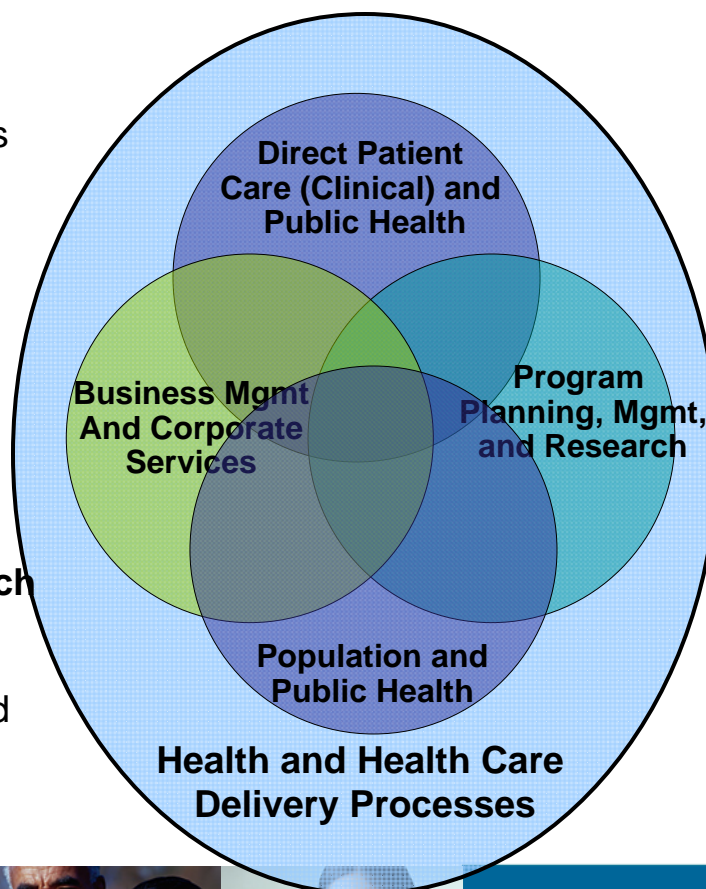
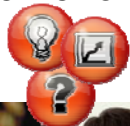
Business Management and Corporate Services

- Manage Partner and Stakeholder Relationships
- Develop and Administer Programs and Services
- Manage Health Sector Infrastructure



Program Planning, Management, and Research

- Develop and Administer Programs and Services
- Set Enterprise Direction and Measure Performance



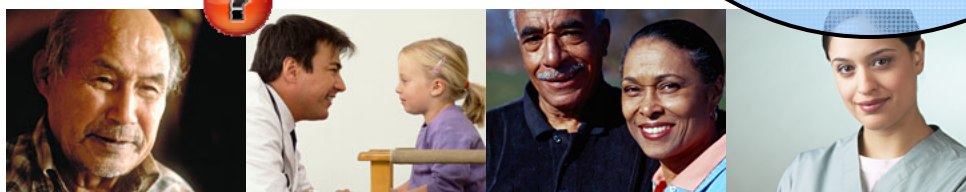
Direct Patient (Primary / Community and Public Health Care)

- Deliver Health Services
- Public Health Services (Promotion, Protection, Disease and Injury Prevention, Emergency Preparedness)
- Manage Knowledge
- Manage Partner and Stakeholder Relationships



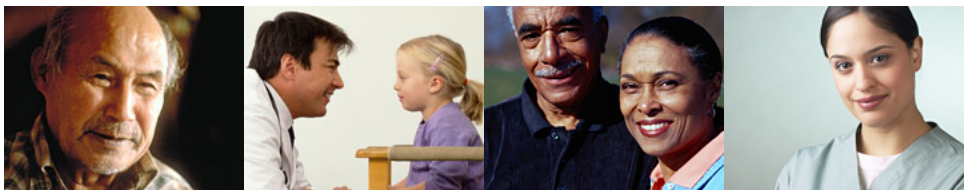
Population and Public Health

- Deliver Population Level services
- Public Health Functions
- Population Health Assessment and Surveillance (monitoring, tracking, measurement and forecasting)
- Population Health Status Reporting
- Manage Knowledge
- Manage Partner and Stakeholder Relationships



First Nations Health Infostructure – Six Components: Flexible and Community Specific

- Community, Primary and Public health care information services (direct care)
- Population and Public health services
- Electronic patient record services, electronic health record connectivity services
- Decision support services for reporting, analysis and research
- Registry services, of FN, service providers, institutions
- Telehealth services



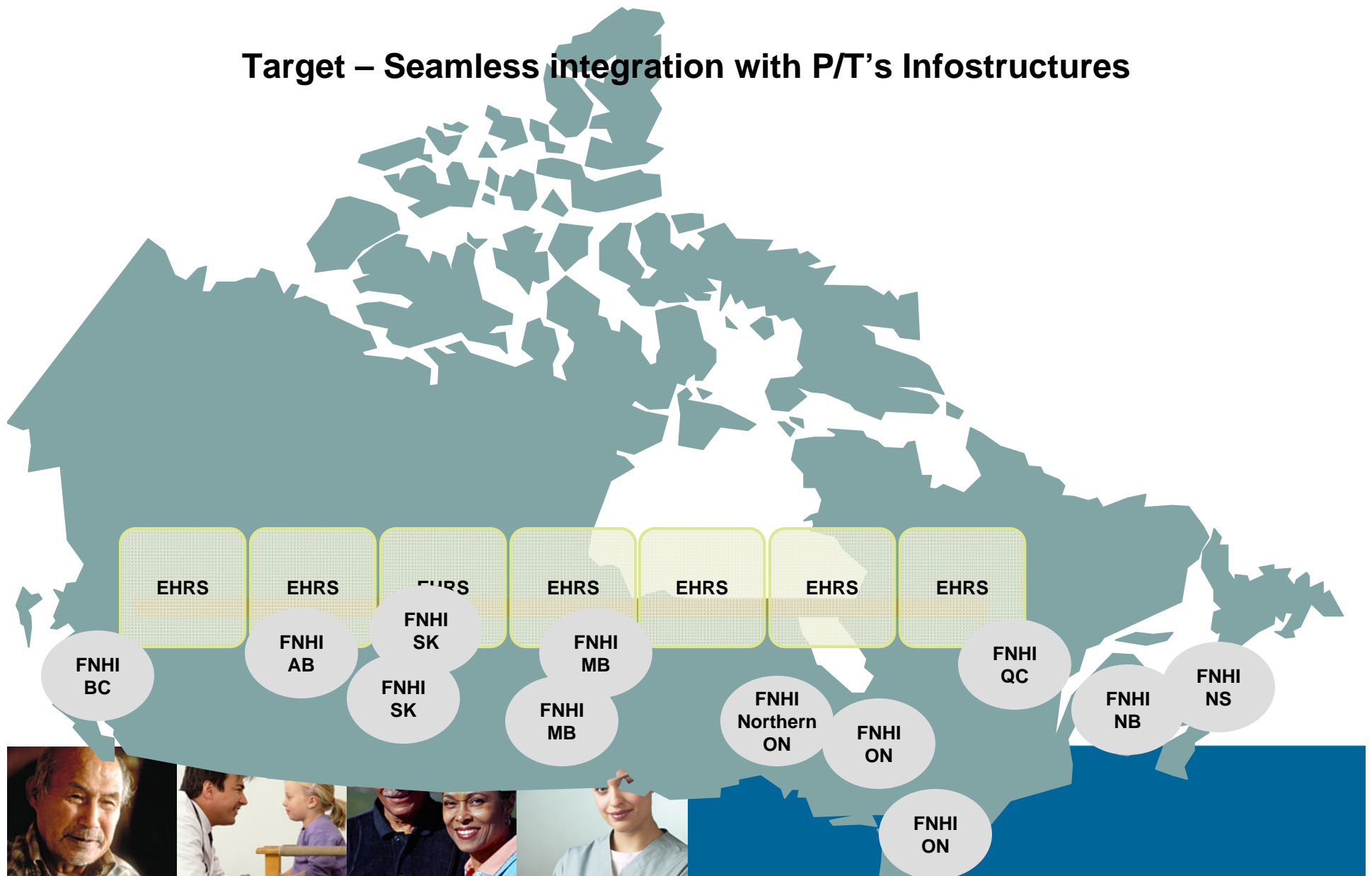
Health Infostructures – Well Underway Across Canada in P/T's

Accepted Tool of Modernization, Transformation and Sustainment of Health Care
For First Nations – Health Infostructures within provinces also a beginning part of the picture (even today)



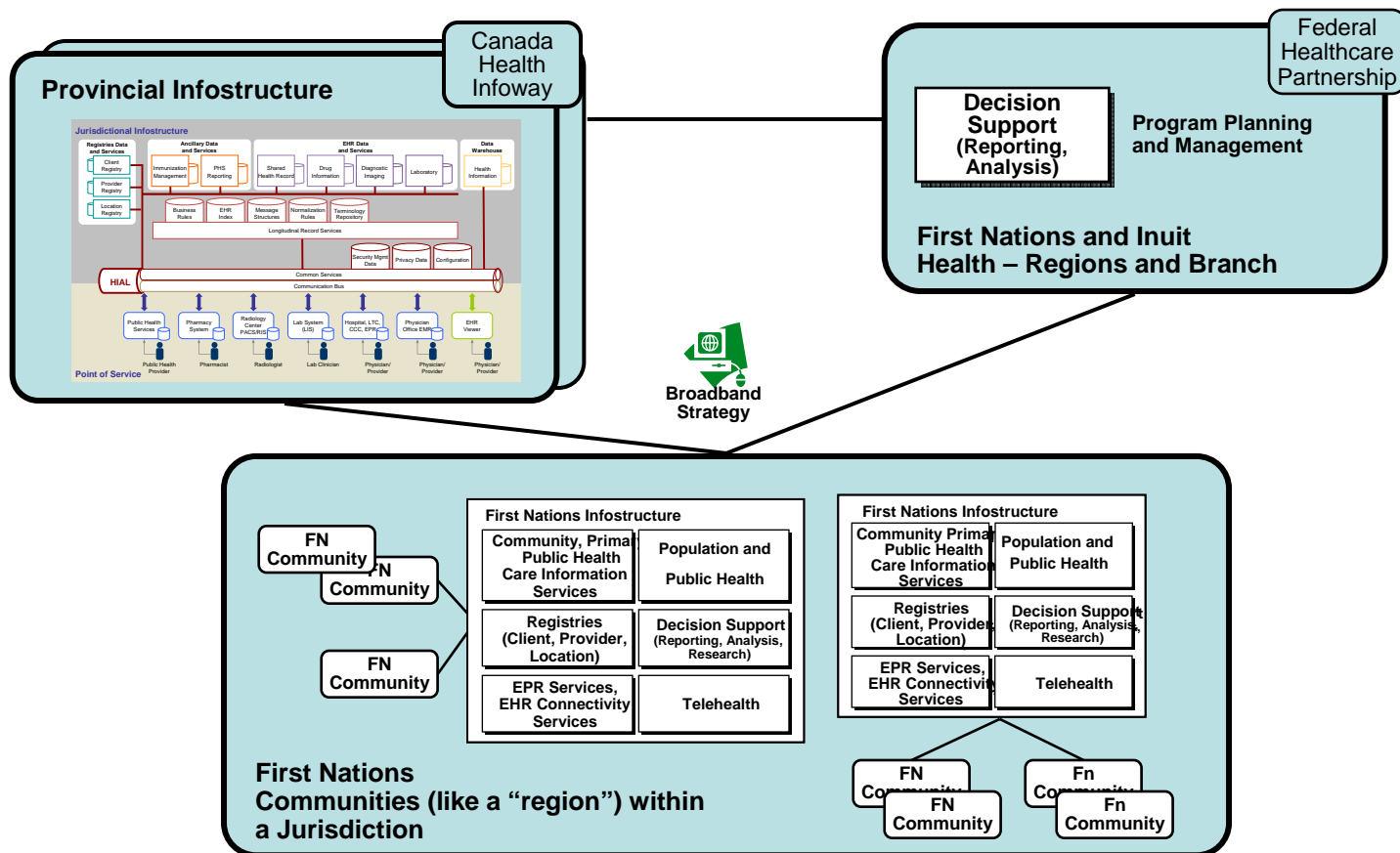
First Nations Health Infostructures

Target – Seamless integration with P/T's Infostructures

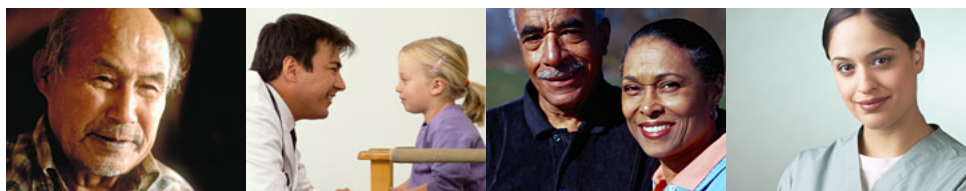


First Nations Health Infostructure – Future Integration View

Implemented using same standards of data and, as applicable & cost effective, same products in each province.



Right size / set of components needed for one particular group of communities, different from another group of communities



Foundations:

CONNECTIVITY

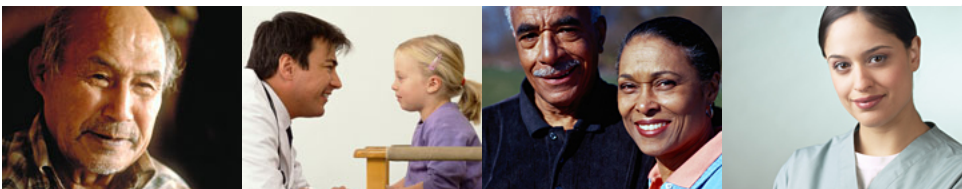
- Connectivity is the first, Industry Canada has the lead
- Support a requirement of integrated health service delivery – systems must be up and up-to-date (a trust credential)
- First Nations already addressing tech support in communities i.e. TSAG, K-Net, Membertou

COMMUNITY

- Based on Community needs and relationships – bridge, bond, link, teach, create, guide, collaborate
- Within FN structures and leadership (local, governance) – formal and informal, linked to decision-making and priorities

FNIHB

- Funder, enabler, internal integration being worked on



Going Forward – Funding

- Working closely with Federal Healthcare Partnership (FHP) on submissions to Cabinet and Treasury Board
- Initial small amounts of funding for 09/10 year, along with Panorama and Telehealth available \$\$
- Infostructure Planning group established
 - FNIHB, FN Regions. FHP and AFN membership
 - Publication of FNHI Strategic Action Plan (April 09)



Going Forward - Foundation Project Work

- First Nations Client Registries
 - Leveraging initial work through AFN Public Health Pilots
 - Focus on integration, provincially specific
- Readiness Identification and Assessments
- Accountability Framework
- Other Foundation Projects (standards, information management)
- Champions Group
- Communications Plan
- Identify Potential Demonstration Projects
- Planning OCAP/Privacy forum April – May 2009
- Ongoing Engagement



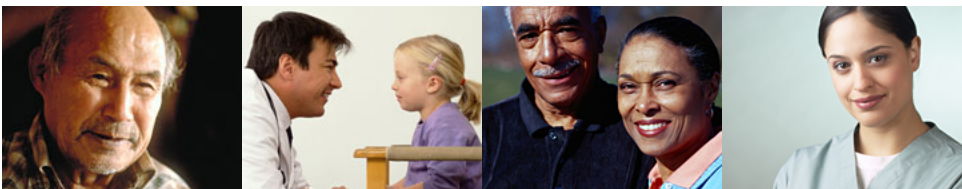
Going Forward – Managing Expectations

TODAY, just getting started

- Limited funds currently available
- Telehealth and Panorama components (part of overall FNHI) are underway and funded
- Still have foundation work to do – to get ready
- FULL FUNDING still being applied for..., much to do yet

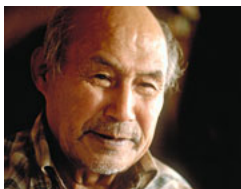
TODAY, good work is happening and needs to be acknowledged and sustained

- First Nations communities are planning, collaborating and building knowledge and understanding. Capacity, commitment and will are building – but not broadly there yet
- Demonstration of components is underway, we will support such with available resources



A Health Infostructure for all FN

BETTER INFORMATION FOR BETTER HEALTH FOR FIRST NATIONS



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