

Manitoba Collaborative Data Portal

HOME

MAPPING

KNOWLEDGE PORTALS

RESOURCES

HELP



Manitoba Collaborative Data Portal (MBCDP)

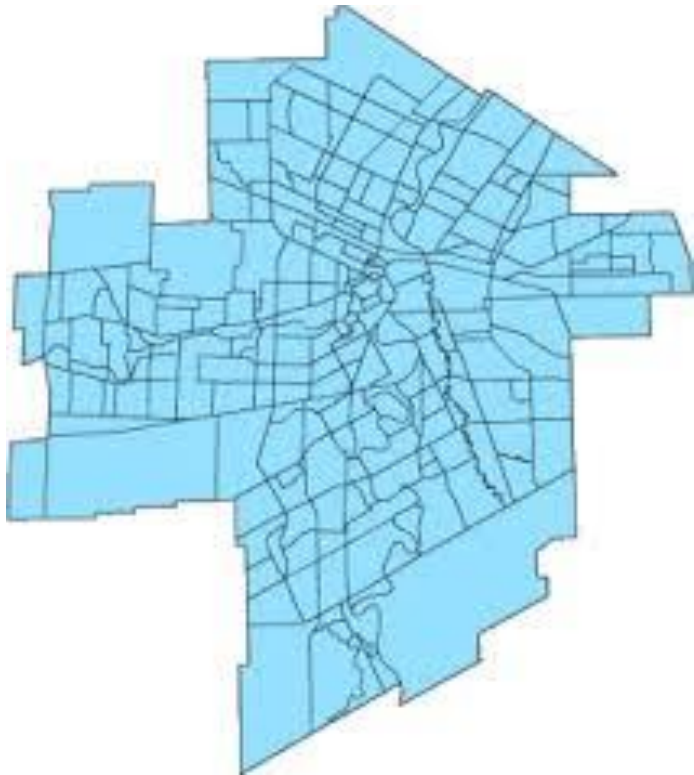
The Manitoba Collaborative Data Portal provides a knowledge base to promote evidence informed community discussion, planning and action to maximize Health Equity, Social Justice, Public Accountability and Environmental Sustainability.

Presentation to the Community Data Program May 24, 2018

by

Dr. Chris Green, Winnipeg Regional Health Authority

Winnipeg Data Consortium



- Started in the 1990's
- 6 or 7 local groups including City of Winnipeg, Province of Manitoba, Institute of Urban Studies
- Measure demographic shifts over time using consistent geographic boundaries, definitions, and cross-tabulations

Winnipeg Data Consortium

Current Members

Canadian Centre of Policy Alternatives Manitoba

CancerCare Manitoba

City of Winnipeg

First Nations and Inuit Health Program

Institute of Urban Studies

Manitoba Centre for Health Policy

Province of Manitoba:

- Health, Seniors, and Active Living
- Education and Training - Healthy Child Manitoba Office
- Families

United Way Winnipeg

Winnipeg Regional Health Authority (Centre for Healthcare Innovation)

LEAD: Social Planning Council of Winnipeg

Winnipeg Data Consortium

Benefits of Collaborative Model and Non-Profit Lead

- Ability to share costs and invoice various departments, organizations, and levels of government
- Province and City coordination on geographies
- Access for smaller non-profit organizations
- Peer-led training, information sharing

Challenges

- Differences in data capacity and managing make-up of consortium meetings (administrators, data users)
- Departmental re-organizations
- Promoting and supporting data use within and outside of membership



The Gap

Currently there is no one place where organizations/agencies can easily and inexpensively find the ***wide range of detailed neighborhood and local-level information*** they require to support their programs and engage the public.

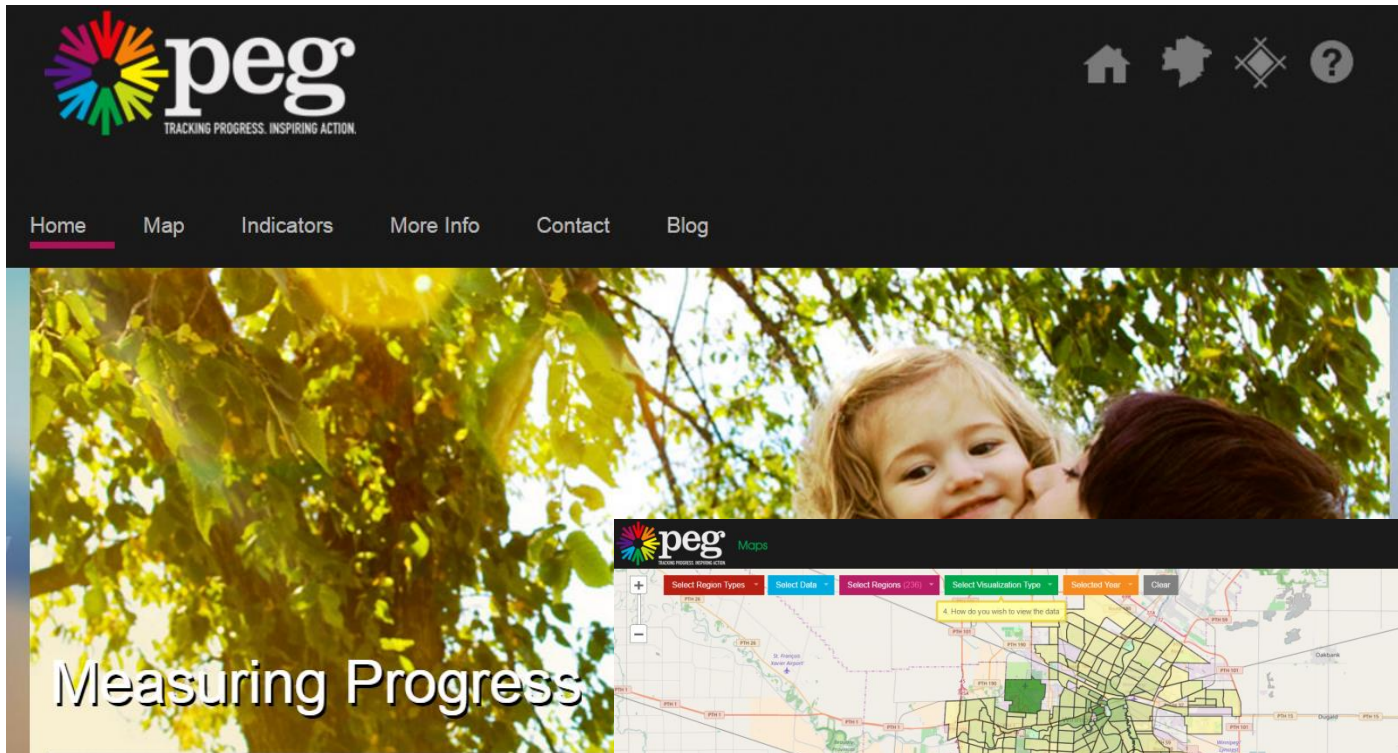


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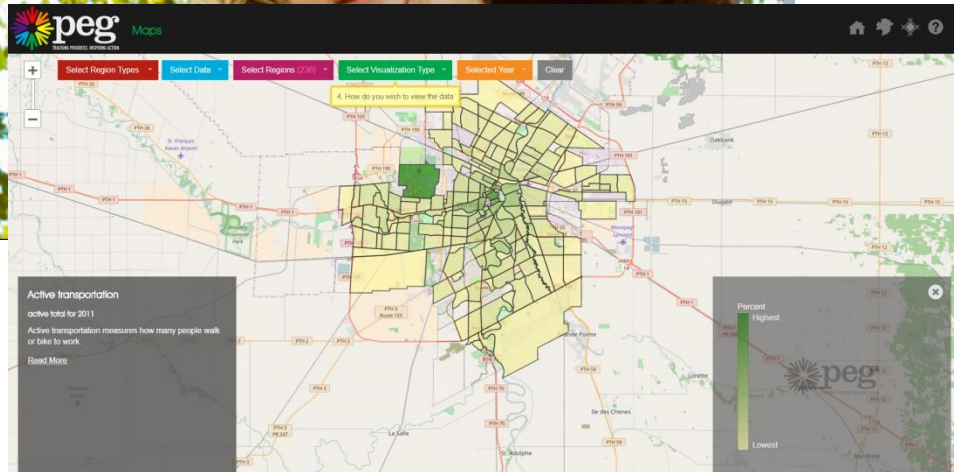


The Manitoba Collaborative Data Portal (MBCDP) aspires to be a single place for Manitobans to find the data they need to support their work in communities. On the MBCDP, community and government organizations and agencies can easily find a wide range of neighborhood and local-level information. The information can be used to support programs and policies, engage the public, conduct further analyses, and better understand our province and the people in it.

Our Inspiration

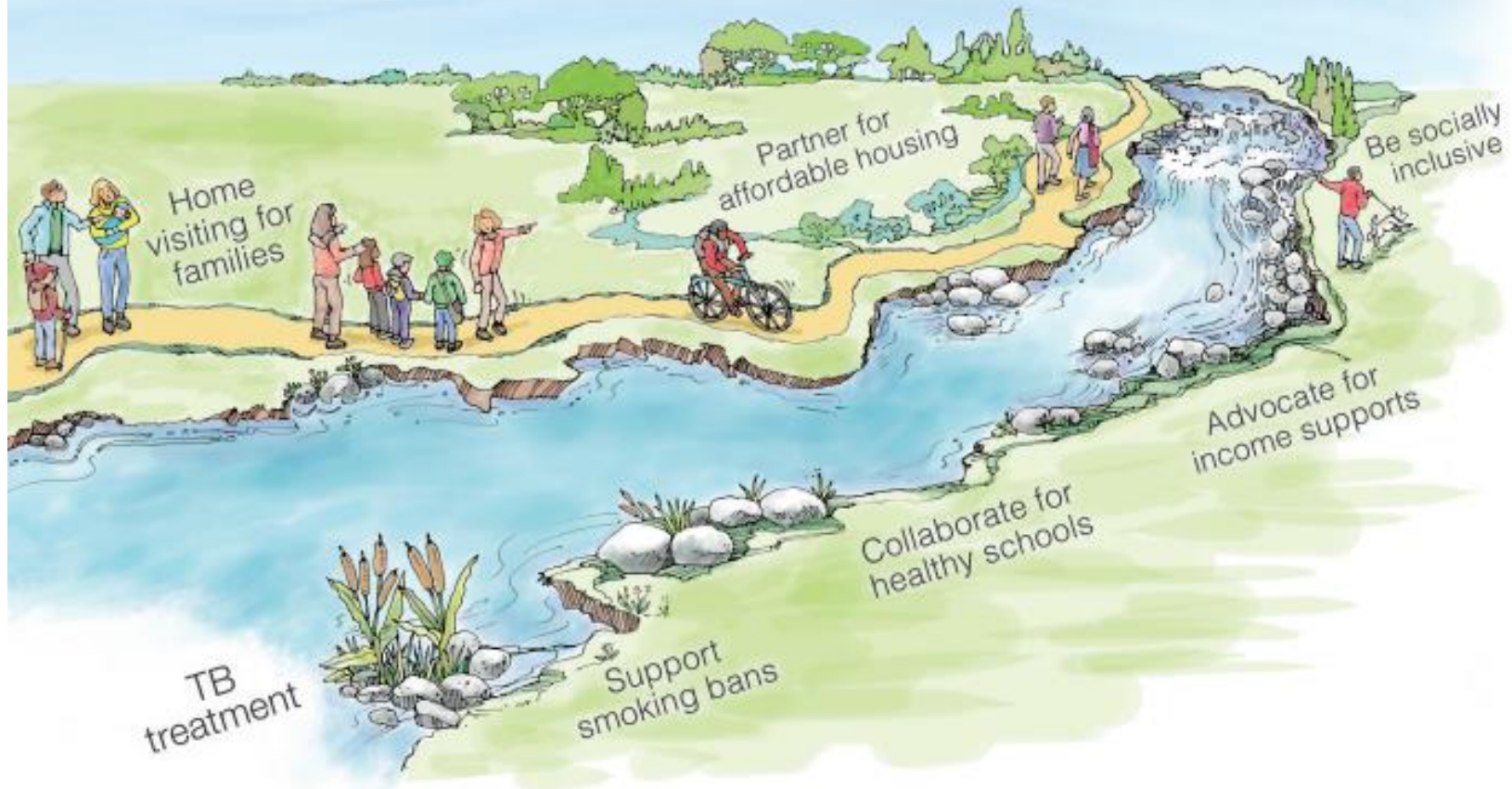


Measuring Progress



Our Motivation

(from a public health perspective)





The Neighborhood Explorer Toolset (Nets) allows you to explore the neighborhoods we serve and to create compelling maps and outputs on your desktop

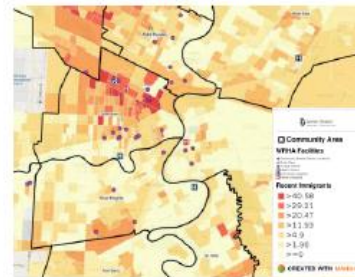
Explore the Built Environment

Identifying Pedestrian and Cycling Injuries in relation to Income



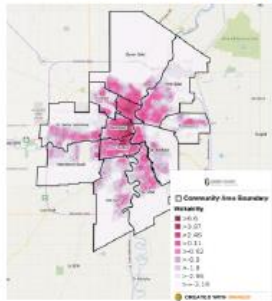
Identify the Location and Size of Populations we Serve

% Recent Immigrants, 2011



Get detailed Census and Health Status Information

Exploring the Walkability of our Neighborhoods



Count of Recent Immigrants, 2011



Note

All of the outputs on this poster were produced within the on-line NETs toolset.

If you require large format or color map outputs, visit the Mapstore on the NETs website

The Neighbourhood Explorer Toolset (NET) is predicated on the idea that PLACE MATTERS for health and wellbeing and aims to build the capacity to identify and address the social, economic and environmental conditions that shape health and life opportunities in the Winnipeg Health Region.

Our Approach



From Indicators to Tools



Monitoring



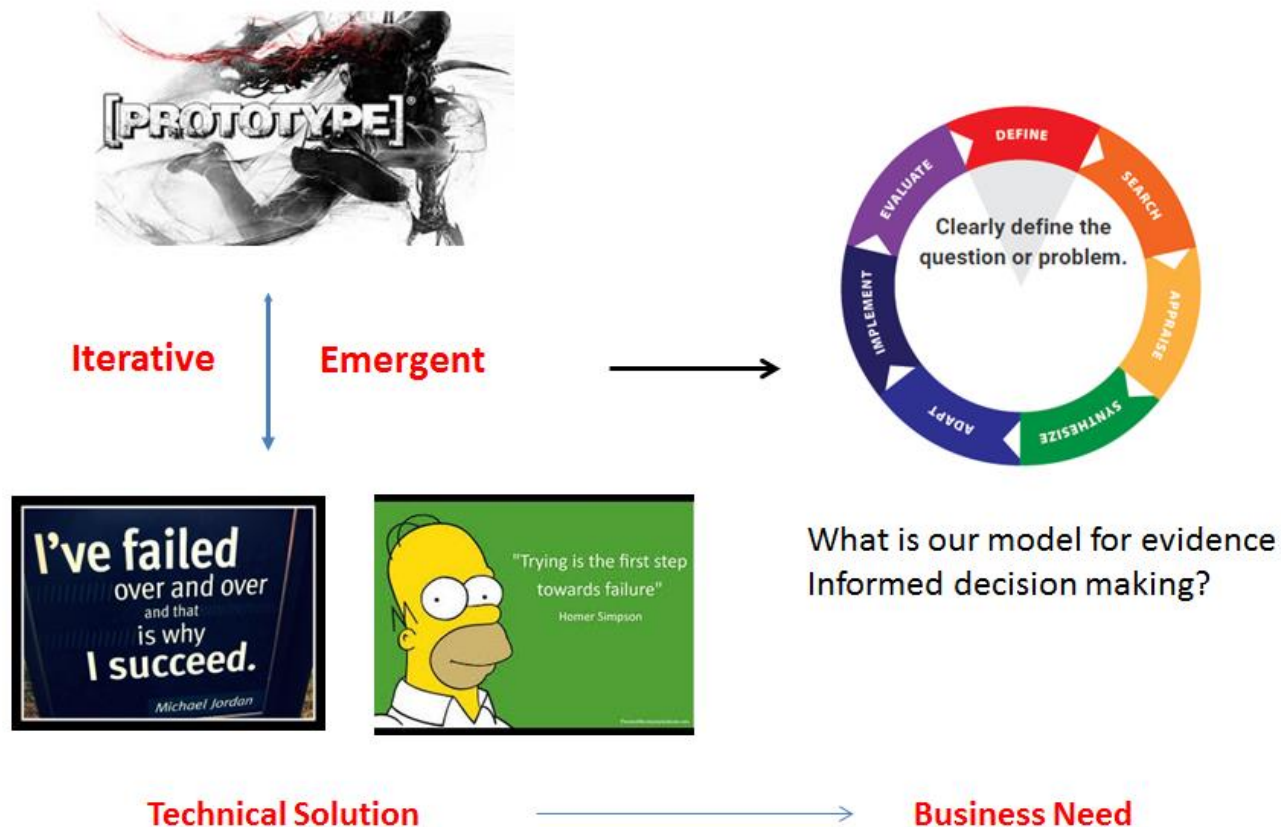
Action

Implementation Realities

- No dedicated budget
 - In-kind contributions only source funding
- Limited window for initial roll-out
 - Health and social landscape is changing rapidly in Manitoba

Implementation Approach

Prototype Quickly .. Fail Fast



Implementation Approach

- Build to “end-game” quickly
 - Initial and “modest” prototype launched by April 2018
 - Design, build and deploy in 3 months
 - Allows us to learn quickly what is needed in terms of technology, resources, project mng’t and governance
- Management/Governance Lite
 - Minimal focus on governance and terms of reference at project initiation as we don’t have the time and the resources to focus on these on the front-end
 - Once initial portal is launched, solidify the project organizationally
 - Long-term governance and organizational structure
 - Long-term sustainability

Implementation Approach

- Open Data
- Low-cost cloud based services
- Collaborative knowledge development
- Emergent design
 - “Build it and they shall come”

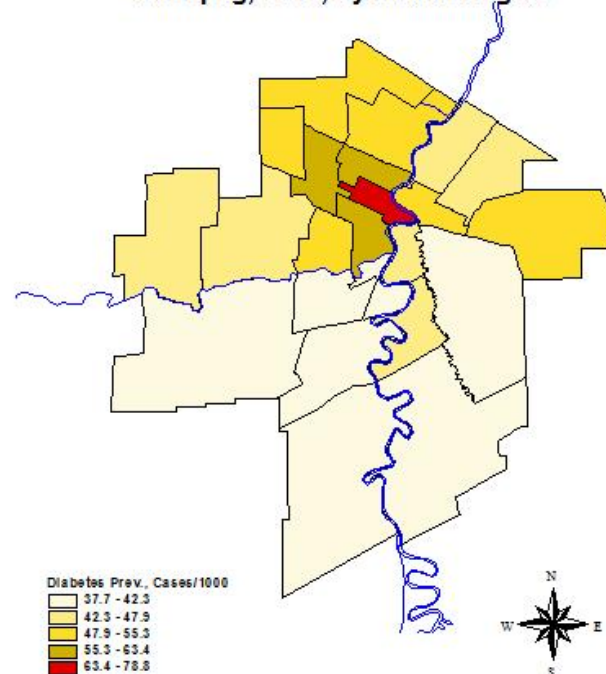
Implementation Approach

Power of Place

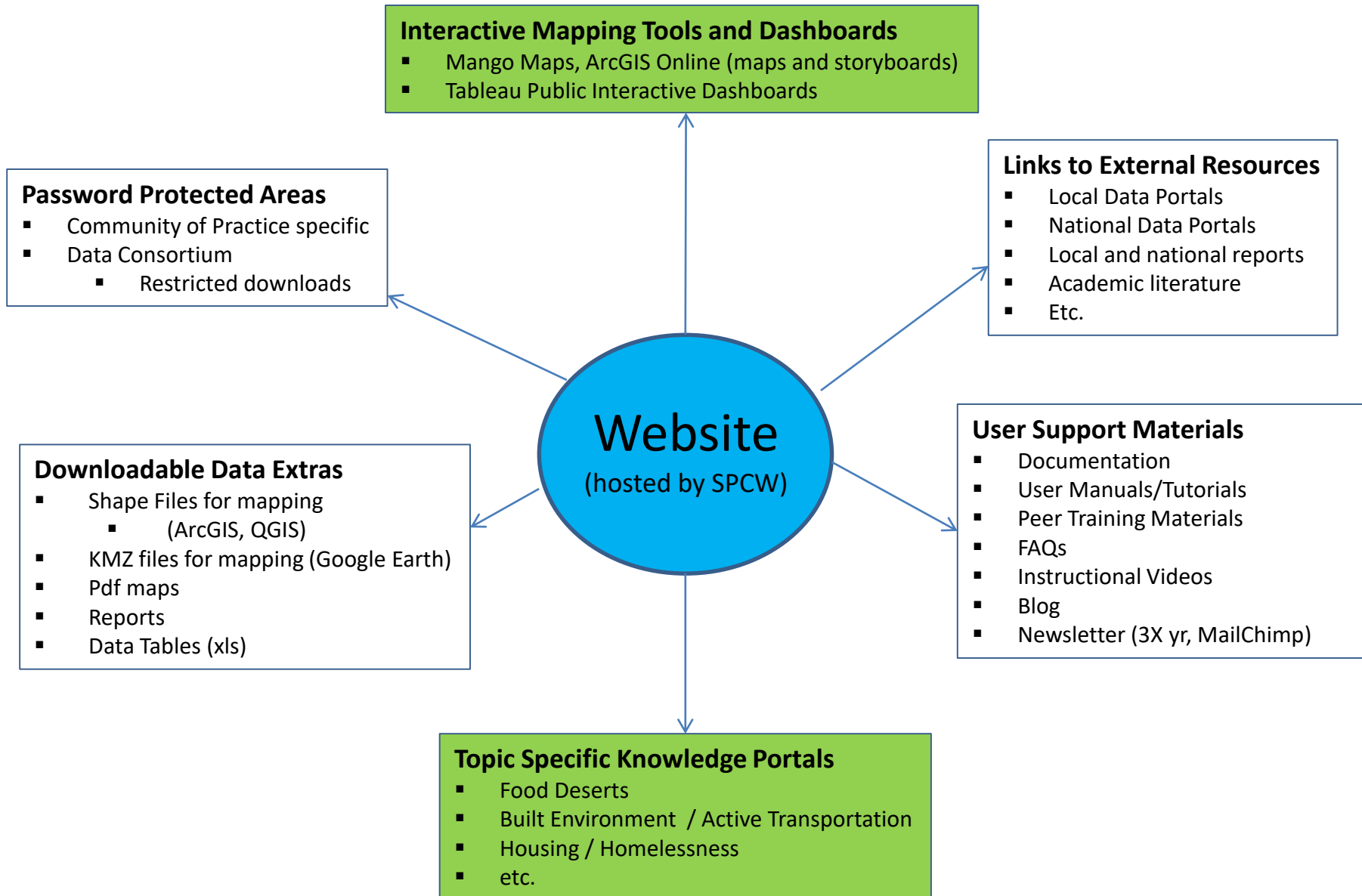
Small Pox, Wpg. circa 1910-20



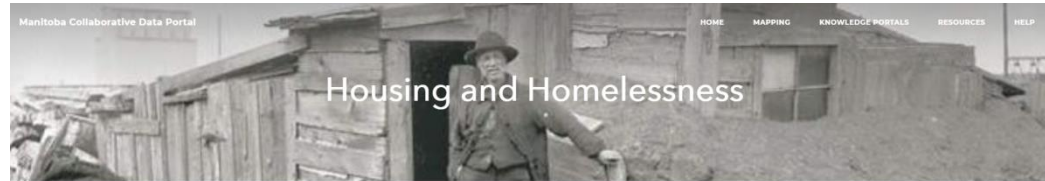
Fig. 3: Standardized Diabetes Prevalence Rates, Winnipeg, 1998, by Health Region



Data Portal Structure



Knowledge Portals



Housing and Homelessness

Background Data and Tools Point in Time Counts of Homelessness Links and Reports

Links and Reports

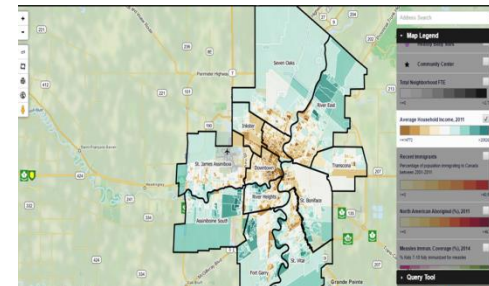
The City of Winnipeg: Winnipeg Housing Policy

Through its [Winnipeg Housing Policy](#) supports the creation of Neighbourhood Housing capacity and to undertake housing initiatives that revitalize housing in the area.

- [Centennial Neighbourhood Housing Plan, 2014 - 2019](#)
- [Chalmers Neighbourhood Housing Plan, 2015 - 2020](#)
- [Daniel MacIntyre/St. Matthews Housing Plan, 2013 - 2017](#)
- [Dufferin Neighbourhood Housing Plan, 2013 - 2018](#)
- [Spence Housing Plan](#)
- [St. John's Neighbourhood Housing Plan, 2015 - 2020](#)
- [West Broadway Community Housing Plan 2014 - 2019](#)
- [William Whyte Neighbourhood Housing Plan, 2013 - 2018](#)

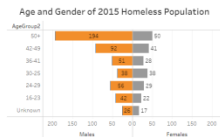
City of Winnipeg: Assessment and Taxation Data

- [City of Winnipeg Assessment and Taxation, List of all Assessment Parcels](#)
- [City of Winnipeg Assessment and Taxation, Map of all Assessment Parcels](#)
- [Additional Information on Assessment and Taxation](#)
- [Additional information on the Winnipeg Open Data Portal](#)



Winnipeg Street Census 2015

Click on tables and charts to filter data. Hit escape to reset, or click on the reset icon (backwards arrow at bottom of dashboard). Note: The Age/Gender pyramid chart cannot be used for filtering data.



Where People Stayed



Age and Gender of 2015 Homeless Population

Age Group	Female	Male	Unknown	Grand Total
50+	61	134	9	204
40-49	41	82	4	127
36-41	28	64	2	84
30-35	18	56	3	77
24-29	22	48	2	72
16-23	17	25	9	51
Grand Total	225	489	36	750

Reasons for Initially Becoming Homeless



Knowledge Portals bring together in one place extensive information about a particular topic of interest that has been curated by a knowledgeable group of experts and stakeholders. Knowledge Portals include relevant background information on a topic, data tools such as interactive maps or dashboards, and links to relevant on-line resources

Data Portal Organizational / Governance Structure

A Collective Impact Approach

Backbone Organization

- Convenes meetings
- Provides organizational support and project coordination
- Hosts Web-site
- Visible Project Champion and lead

SPCW

**Steering
Committee**

Project Oversight

- Coordinates initial build and roll-out
- Monitor project milestones
- Build long-term governance and sustainability

**Community
Of
Practice**

Brain Trust

- Technical Expertise and Support
- Creates data products
- Facilitates community capacity building and joint learning
- Project champions
- Advises the Steering Committee

Collective Impact is a framework to tackle deeply entrenched and complex social problems. It is an innovative and structured approach to making collaboration work across government, business, philanthropy, non-profit organisations and citizens to achieve significant and lasting social change.

Social Planning Council of Winnipeg

- Backbone Organization
 - Provides project support and coordination
 - Convenes meetings
 - Hosts portal web-site
 - Main and most visible project champion

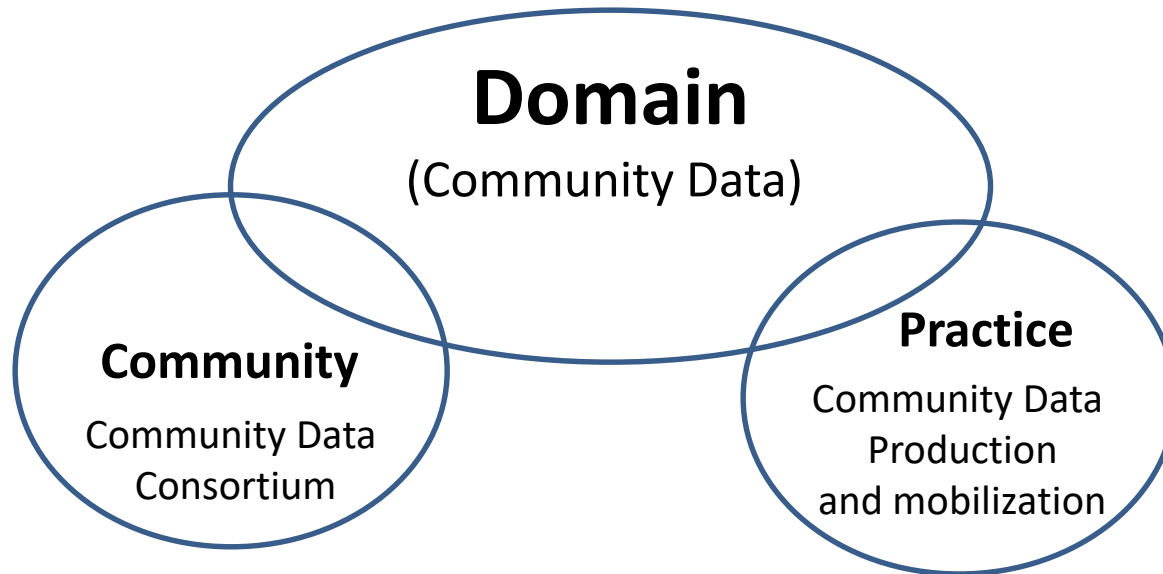
A defining feature of the Collective Impact approach is the role of a **backbone organization** – a separate organization dedicated to coordinating the various dimensions and collaborators involved in the initiative. Supporting backbone infrastructure is essential to ensuring the collective impact effort maintains momentum and facilitates impact.

Steering Committee

- **Membership:**
 - Social Planning Council of Winnipeg (chair)
 - Christina Maes Nino, Kate Kehler
 - Population and Public Health, WRHA
 - Chris Green, Hannah Moffat
 - PEG Winnipeg (United Way and IISD)
 - Kyle Wiebe
 - Institute of Urban Studies, University of Winnipeg
 - Scott McCulloch
 - Manitoba Center for Health Policy, University of Manitoba
 - Charles Burchill
- **Tasks:**
 - Project Oversight
 - Coordinates initial build and roll-out (Jan. 2018 to March 2018)
 - Monitors project milestones, with input from Community of Practice
 - Develops long-term governance and sustainability strategy
 - Project Champion

Community of Practice (COP)

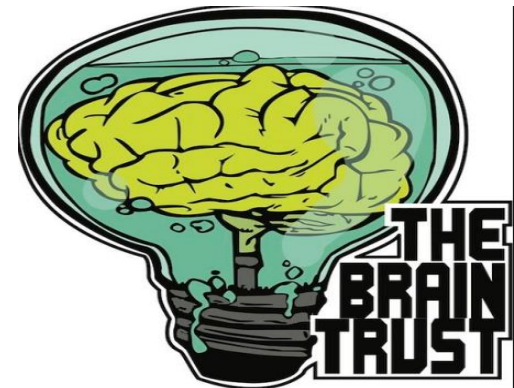
Groups of people who share a concern or a passion for something they do and learn how to do it better as they interact regularly



COPs develop a shared repertoire of resources which can include stories, helpful tools, experiences, stories, ways of handling typical problems, etc.

Community of Practice

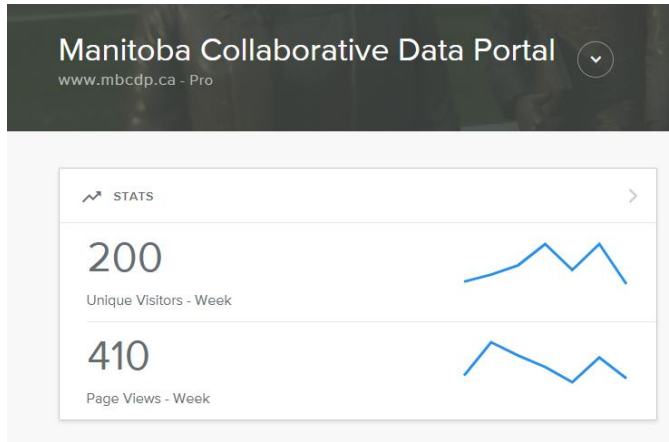
- Hands on technical support
 - Core data products, data set preparation, tool-set development, data documentation standards
- Critically reviews portal versions(1st line of critique) as they are developed
- Addresses implementation issues as these arise
- Facilitates joint learning and capacity development around how to develop and mobilize community data
- Acts as Project Champions
- Advises Steering Committee



Project Timelines

- Jan – March 2018:
 - Design, build, and test initial Prototype under Steering Committee oversight and feedback from Community of Practice
- April, 2018:
 - Soft-launch, locally and nationally
- May – Dec. 2018:
 - Promote the portal locally
 - Hands-on training of early adopters / champions
 - SPCW is hiring a summer student to build out a training strategy
 - Actively promoting to Public Health Staff within the WRHA
 - Build out formalized evaluation /feedback strategy, and modify the portal as resources allow
 - Build out additional Knowledge Portals
 - Explore short and long-term governance and sustainable business models

Current Usage / Uptake



TOP PAGES (THIS MONTH)

PAGE	VIEWS
/	786
/interactive-web-maps.html	148
/getting-started.html	119
/about-mbcdp.html	81
/data-dictionary.html	75
/food-and-nutrition-security.html	74
/housing-and-homelessness.html	67
/local-data-portals.html	57
/whr-client-lookup.html	55
/mapping-using-google-earth.html	54

[View More](#)



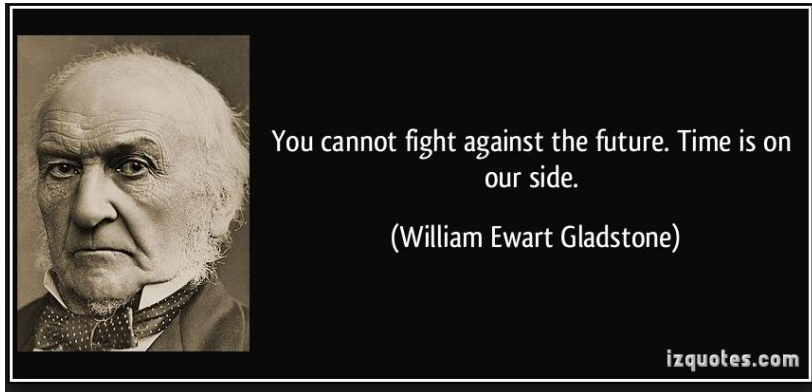
We are wondering



We are wondering.....

- Is our \$0, emergent, and collaborative roll-out approach sustainable over time?
 - will in-kind contributions be sufficient to allow the MBCDP to evolve
 - In the current environment, can the project attract additional resources
 - Can we create a process to disseminate the technical skills to maintain the portal among project partners
- Is the MBCDP actually providing useful information to end-users
- Will our Community of Practice become actively engaged in the continued development of the MBCDP

An advantage we have is that it costs very little to maintain the MBCDP in its current form ... around \$1500 per year for cloud based services



In time,
things
will fall
right in
place.

Questions?

