

Measuring Welcoming Communities: A Researcher's Perspective

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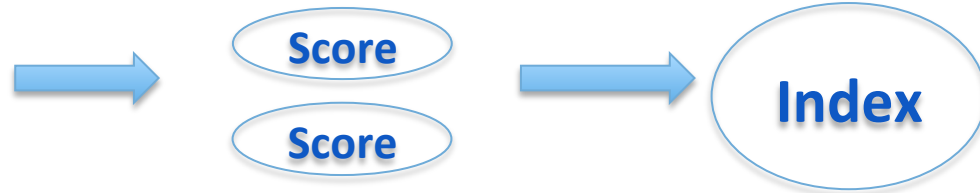
Some Measurements Done

- Background: 2000-2006 – SSHRC- funded research project on social cohesion and family change, including measurement of social cohesion and integration
- 2012. Measurement of Outcomes of Local Immigration Partnerships: Baseline Indicators of Welcoming Communities (Ravanera et al.)
 - 2012. [Developing Measures of Ability and Willingness of Communities to Welcome Newcomers](#) (Ravanera)
 - 2013. [Integration and “Welcome-ability” Indexes: Measures of Community Capacity to Integrate Immigrants](#) (Ravanera, Esses, Rajulton)
- 2015. [The Integration of Immigrants of Differing Official Language Ability and Use in Canada: Analysis of the 2006 Census and the 2007–2008 Canadian Community Health Survey](#) (Ravanera and Esses) (p.50-52)

Concepts Considered in Measurements

- Measure of Outcomes
 - Multi-dimensionality of Concepts
 - Multi-level Units of Analysis
 - Community: Local, Sub-Provincial, Provincial, Region, Country
 - Immigrant: Individual, Families
 - Comparability over time and across geographic units
- Communities – “Welcome-ability”
 - Immigrants – Integration
- Measures of immigrant integration used as indicators of welcome-ability

- ❖ Multiple dimensions
 - ❑ Multiple indicators
 - Varied measurements



Challenge	What we did/ or considered
Determine dimensions	• Welcoming Communities Characteristics (Esses et al, 2010) • Other models
Determine indicators Find / collect data	• Expert opinion • Statistical (Structural Equations Models) • Agreement among stakeholders
Derive common metric Derive scores	• Use relative measure • Transform scores mathematically • Rank values
Assign weights to dimensions	• Expert opinion • Theoretical framework • Agreement among stakeholders

17 Characteristics of Welcoming Communities

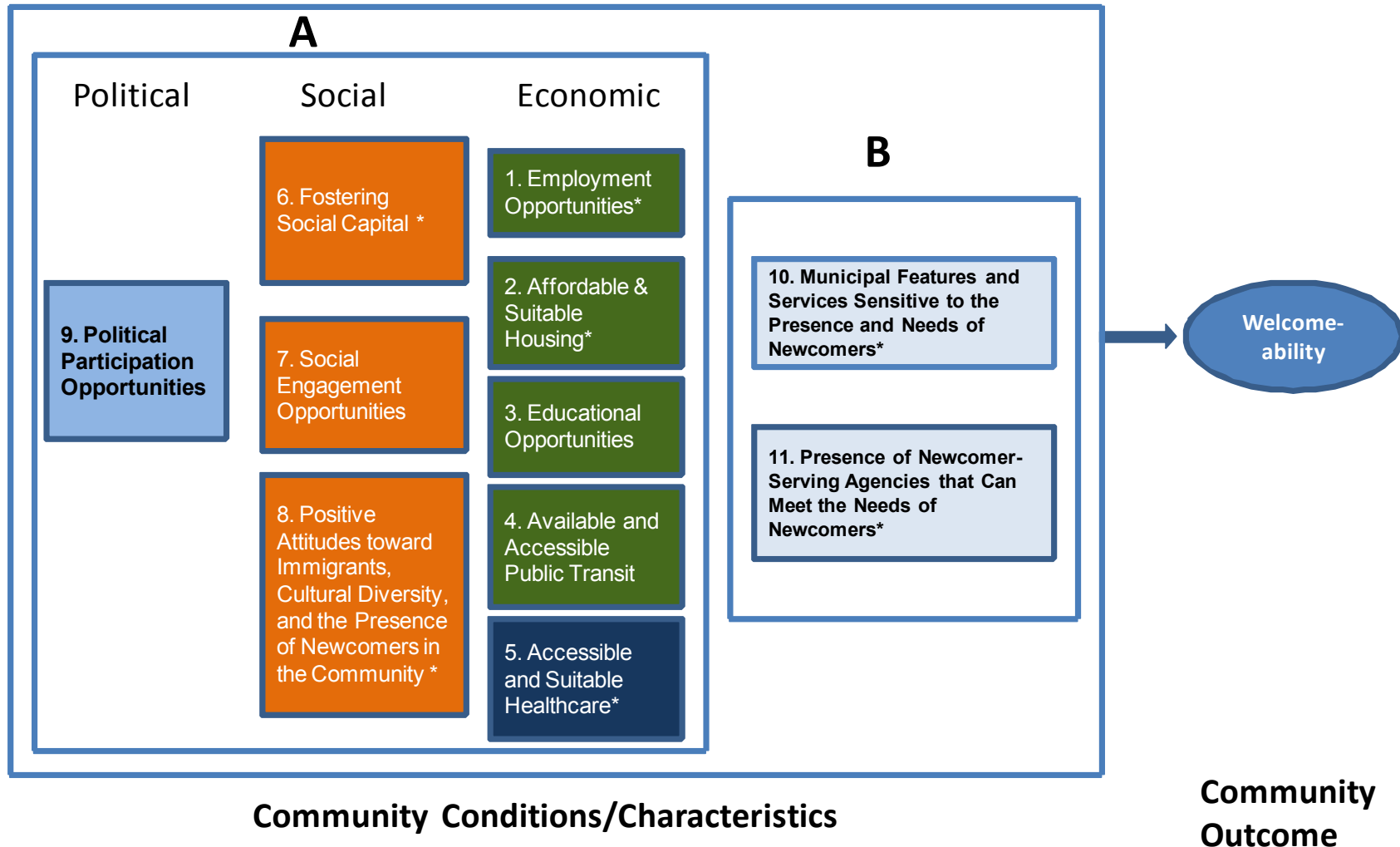
Victoria M. Esses, Leah K. Hamilton, Caroline Bennett-Abu Ayyash, and Meyer Burstein, 2010

Rank	Community Characteristics	Average*
1.	Employment Opportunities	6.85
2.	Affordable & Suitable Housing	6.06
3.	Education Opportunities	6.06
4.	Fostering Social Capital	6.05
5.	Social Engagement Opportunities	6.05
6.	Positive Attitudes toward Immigrants, Cultural Diversity, and the Presence of Newcomers in the Community	5.90
7.	Municipal Features and Services Sensitive to the Presence and Needs of Newcomers	5.84
8.	Accessible & Suitable Healthcare	5.74
9.	Presence of Newcomer-Serving Agencies that Can Meet the Needs of Newcomers	5.71

Rank	Community Characteristics	Average*
10.	Opportunities for Use of Public Space and Recreation Facilities	5.68
11.	Favourable Media Coverage and Representation	5.32
12.	Available & Accessible Public Transit	5.29
13.	Links between Main Actors Working toward Welcoming Communities	5.27
14.	Positive Relationship with the Police and the Justice System	5.18
15.	Political Participation Opportunities	5.00
16.	Safety	4.95
17.	Presence of Diverse Religious Organizations	4.79

*Rating scale: 1 (*not at all useful*) to 7 (*extremely useful*)

Framework for Analysis of Communities



Data

Requirement

- Relevance
 - 2006 or later
 - Immigrant Status
- LIP geographic areas
 - Ontario
 - Toronto

Sources

- 2006 Census
- 2008 Canadian Community Health Survey (CCHS)
- Ontario 211
- Education Quality and Accountability Office (EQAO)
- Opinion Leaders Survey
- City Plans and Policies

Table 19A: Unemployment Rate, By Immigration Status, Ontario

Local Immigration Partnership	Total population	Non-immigrants	Immigrants	Established immigrants	Recent immigrants	Temporary immigrants
Chatham - Kent	7.2	7.1	7.6	6.7	15.8	n/a
Durham	6.3	6.5	5.6	5.2	9.8	9.0
Five Eastern Counties	5.3	5.2	5.4	5.0	9.8	12.3
Grand Erie	6.0	6.2	4.9	4.6	9.4	n/a
Greater Sudbury	7.8	7.9	6.7	4.5	30.3	n/a
Guelph - Wellington	4.5	4.4	5.1	4.8	7.2	6.0
Halton	4.7	4.8	4.5	3.9	9.5	3.3
Hamilton	6.5	6.5	6.6	5.7	13.0	11.8
Huron County	4.4	4.6	2.7	2.9	0.0	0.0
Kingston	7.0	7.1	6.3	5.0	15.4	11.3
Leeds & Grenville	5.7	5.7	5.6	4.7	16.4	15.7
London - Middlesex	6.1	6.0	6.0	5.1	12.5	13.0
Niagara	6.1	6.1	5.6	4.9	11.6	14.9
North Bay	7.7	7.8	5.5	4.7	14.3	0.0
Northwestern Ontario	8.2	8.5	5.1	4.9	7.3	10.8
Ottawa	5.9	5.4	7.2	6.2	13.5	8.8
Peel Region	6.4	6.1	6.7	5.7	11.3	8.8
Peterborough	7.1	7.2	6.8	5.7	18.5	13.5
Quinte	6.1	6.3	4.0	4.0	4.0	n/a
Renfrew & Lanark	6.4	6.6	4.3	4.0	9.7	n/a
Samia - Lambton	6.5	6.6	5.8	5.3	12.5	n/a
Sault Ste. Marie	8.1	8.5	3.7	3.8	0.0	.0
Simcoe County	5.7	5.9	4.7	4.4	8.0	3.5
Smith Falls	6.4	10.3	0.0	-	-	-
St. Thomas-Elgin	5.5	5.6	5.1	4.6	9.6	0.0
Thunder Bay	7.2	7.4	5.2	4.9	9.3	23.8
Timmins	7.1	7.0	9.2	7.4	n/a	n/a
Toronto	7.6	6.9	8.1	7.0	12.6	11.2
Waterloo Region	5.5	5.3	6.0	5.2	10.8	7.0
Windsor - Essex	7.9	7.3	9.8	8.3	18.1	10.8
York Region	5.4	5.6	5.3	4.9	9.0	5.8
Ontario	6.4	6.2	6.8	5.9	11.9	9.8

Source: Statistics Canada, 2006 Census of Population, WCI Indicators Project

**Table 82A: Percent of Population with Regular Medical Doctor,
By Immigration Status, Ontario**

Local Immigration Partnership	All	Non-immigrants	Immigrants	Sig.	All	LQ: Non-immigrants	LQ: Immigrants
Chatham - Kent	90.0	90.8	83.5	+	1.0	1.0	0.9
Durham Region	93.4	93.7	92.2		1.0	1.0	1.0
Five Eastern Counties	90.8	91.1	85.9		1.0	1.0	1.0
Grand Erie	93.7	93.8	93.6		1.0	1.0	1.0
Greater Sudbury	87.0	86.9	87.9		1.0	1.0	1.0
Guelph - Wellington	94.1	93.9	94.8		1.0	1.0	1.1
Halton	95.5	94.9	97.0		1.1	1.0	1.1
Hamilton	95.3	96.2	92.8	*	1.1	1.1	1.0
Huron County	82.6	83.2	77.5		0.9	0.9	0.9
Kingston	91.2	90.9	92.9		1.0	1.0	1.0
Leeds & Grenville	94.4	94.4	95.1		1.0	1.0	1.1
London & Middlesex	88.7	90.2	82.6	*	1.0	1.0	0.9
Niagara	89.2	90.8	82.5	*	1.0	1.0	0.9
North Bay	91.0	90.3	100.0		1.0	1.0	1.1
Northwestern Ontario	82.2	82.4	79.6		0.9	0.9	0.9
Ottawa	87.4	87.4	87.2		1.0	1.0	1.0
Peel Region	91.7	91.7	91.7		1.0	1.0	1.0
Peterborough	88.4	88.7	84.4		1.0	1.0	0.9
Quinte	88.9	89.3	84.4		1.0	1.0	0.9
Renfrew & Lanark	89.8	90.3	82.7	+	1.0	1.0	0.9
Sarnia - Lambton	91.3	91.1	92.8		1.0	1.0	1.0
Sault Ste. Marie	84.3	84.4	83.4		0.9	0.9	0.9
Simcoe County	90.8	90.6	92.5		1.0	1.0	1.0
Smith Falls	84.4	85.0	75.2		0.9	0.9	0.8
St. Thomas - Elgin	94.5	96.4	82.3	***	1.0	1.1	0.9
Thunder Bay	89.2	88.7	93.1		1.0	1.0	1.0
Timmins	80.0	79.5	90.0		0.9	0.9	1.0
Toronto	89.3	91.0	87.8		1.0	1.0	1.0
Waterloo Region	92.4	93.1	90.2		1.0	1.0	1.0
Windsor - Essex	88.9	89.0	88.3		1.0	1.0	1.0
York Region	94.7	94.6	94.8		1.0	1.0	1.1
Ontario	90.8	91.0	90.2		1.0	1.0	1.0

Table 84A: Availability of Services for Immigrants and Immigrant Load per Service Agency, Ontario

LIP	Number of 211 services	Immigrants	Number of immigrants per service unit		
			Recent immigrants	Immigrants	Recent immigrants
Chatham-Kent	7	10,805	1,025	1,544	146
Durham Region	11	113,390	9,890	10,308	899
Five Eastern Counties	11	11,230	1,260	1,021	115
Grand Erie	13	27,815	1,795	2,140	138
Greater Sudbury	4	10,450	660	2,613	165
Guelph-Wellington	4	33,740	4,695	8,435	1,174
Halton	21	107,915	13,100	5,139	624
Hamilton	78	126,485	16,565	1,622	212
Huron County	2	4,665	280	2,333	140
Kingston	14	16,205	2,050	1,158	146
Leeds & Grenville	6	7,790	470	1,298	78
London & Middlesex	12	83,450	12,530	6,954	1,044
Niagara	29	75,835	7,890	2,615	272
North Bay	2	3,210	270	1,605	135
Northwestern Ontario	23	18,895	1,055	822	46
Ottawa	47	178,545	29,645	3,799	631
Peel Region	55	561,240	118,220	10,204	2,149
Peterborough	5	12,450	950	2,490	190
Quinte	10	14,375	905	1,438	91
Renfrew & Lanark	7	10,270	590	1,467	84
Sarnia - Lambton	6	14,700	1,010	2,450	168
Sault Ste. Marie	3	8,050	180	2,683	60
Simcoe County	19	51,335	3,415	2,702	180
Smith Falls	1	1,400	60	1,400	60
St. Thomas- Elgin	3	11,155	1,320	3,718	440
Thunder Bay	8	11,620	660	1,453	83
Timmins	1	1,765	75	1,765	75
Toronto	335	1237,720	267,855	3,695	800
Waterloo Region	21	105,375	17,020	5,018	810
Windsor - Essex	40	87,170	15,165	2,179	379
York Region	55	380,530	46,465	6,919	845

Indicators

Absolute
Relative

Ind. #	Indicator
1	Employment Rate: Immigrant
2	Unemployment Rate: Non-Immigrant/Immigrant
3	Mean After Tax Income: Immigrant
4	Mean Employment Income: Recent Immigrant/ Non-Immigrant
5	Monthly Median HH Income Not Spent on Rent
6	Monthly Median HH Income Spent on Rent: Non-Immigrant/Immigrant
7	Immigrant with Regular Doctor
8	With Regular Doctor: Immigrant/Non-Immigrant
9	Municipal Features and Services Sensitive to Immigrant Needs
10	Number of 211 services
11	Index of Population Diversity
12	Sense of Belonging - Immigrants
13	Sense of Belonging: Immigrants/Non-Immigrants

Indicator Values

	1	2	3	4	5	6	7	8	9	10	11	12	13
Chatham - Kent	47.1	93.4	23700	61.3	84.3	89.8	83.5	92.0	4	7	8.2	72.1	98.9
Durham Region	60.8	116.1	30400	59.2	82.9	93.6	92.2	98.4	2	11	27.9	63.8	94.0
Five Eastern Counties	49.0	96.3	24000	55.7	82.1	92.2	85.9	94.3	1	11	4.9	64.3	104.2
Grand Erie	52.2	126.5	26600	64.1	81.7	92.3	93.6	99.8	1	13	7.0	67.5	95.3
Greater Sudbury	40.5	117.9	32300	68.8	83.1	92.3	87.9	101.2	5	4	4.1	79.6	115.2
Guelph - Wellington	59.9	86.3	29300	61.5	82.7	95.4	94.8	101.0	4	4	15.8	61.0	87.5
Halton	61.7	106.7	33900	59.0	82.1	91.1	97	102.2	4	21	22.9	61.8	88.7
Hamilton	52.0	98.5	25100	46.0	81.7	92.9	92.8	96.5	3	78	23.6	66.8	98.4
Huron County	49.3	170.4	25300	48.9	79.9	79.6	77.5	93.1	0	2	2.9	71.7	91.7
Kingston	50.7	112.7	29900	68.7	80.2	98.0	92.9	102.2	4	14	13.3	67.7	105.0
Leeds & Grenville	46.6	101.8	26800	53.6	82.3	93.8	95.1	100.7	1	6	3.4	59.4	81.0
London & Middlesex	53.8	100.0	25000	45.7	81.1	90.5	82.6	91.6	4	12	20.7	61.1	87.7
Niagara	48.5	108.9	26300	54.4	80.1	86.4	82.5	90.9	0	29	11.7	63.6	91.6
North Bay	45.0	141.8	26700	69.9	81.7	108.2	100	110.7	4	2	4.2	52.6	82.7
Northwestern Ontario	43.7	166.7	28200	59.4	83.5	90.9	79.6	96.6	2	23	3.6	83.4	106.8
Ottawa	59.6	75.0	28300	47.0	81.8	93.4	87.2	99.8	5	47	32.2	60.7	96.2
Peel Region	65.0	91.0	24800	56.7	81.0	94.2	91.7	100.0	7	55	50.0	68.0	107.6
Peterborough	42.3	105.9	26600	62.8	77.7	87.4	84.4	95.2	4	5	4.8	67.0	97.4
Quinte	44.6	157.5	27000	117.6	80.2	92.4	84.4	94.5	1	10	5.1	70.3	90.2
Renfrew & Lanark	47.7	153.5	27400	55.8	83.3	100.0	82.7	91.6	3	7	3.3	58.9	74.5
Samia - Lambton	46.7	113.8	29200	76.8	83.3	91.6	92.8	101.9	1	6	5.2	67.3	90.7
Sault Ste. Marie	35.6	229.7	28500	53.0	82.7	92.5	83.4	98.8	1	3	2.5	78.1	107.0
Simcoe County	52.6	125.5	28000	69.2	78.9	86.3	92.5	102.1	2	19	7.7	68.0	105.9
Smith Falls	36.3	300.0	24200	90.8	77.8	92.8	75.2	88.5	4	1	2.1	65.1	99.8
St. Thomas-Elgin	53.2	109.8	23300	56.7	81.5	83.2	82.3	85.4	1	3	4.7	66.7	93.4
Thunder Bay	41.1	142.3	27400	54.4	83.1	94.7	93.1	105.0	3	8	5.7	76.3	103.1
Timmins	34.6	76.1	27900	62.4	81.0	76.8	90	113.2	4	1	2.4	65.5	87.7
Toronto	56.8	85.2	23900	40.4	75.1	88.4	87.8	96.5	8	335	49.8	59.0	92.5
Waterloo Region	59.5	88.3	26700	55.4	82.3	91.0	90.2	96.9	6	21	22.8	67.0	98.1
Windsor - Essex	50.2	74.5	25700	51.2	83.0	94.1	88.3	99.2	5	40	24.3	62.8	91.5
York Region	63.3	105.7	28500	50.4	82.1	87.2	94.8	100.2	5	55	46.7	58.3	96.2
Ontario	58.0	91.2	25900	53.1	79.6	85.3	90.2	99.1	3.2	853	35.2	62.7	92.2

Location Quotients and Score

	1	2	3	4	5	6	7	8	9	10	11	12	13	Score
Chatham - Kent	0.812	1.025	0.915	1.155	1.059	1.053	0.926	0.928	1.253	0.008	0.233	1.150	1.073	11.588
Durham Region	1.048	1.273	1.174	1.116	1.041	1.097	1.022	0.993	0.626	0.013	0.793	1.018	1.019	12.233
Five Eastern Counties	0.845	1.056	0.927	1.050	1.031	1.081	0.952	0.951	0.313	0.013	0.139	1.026	1.130	10.515
Grand Erie	0.900	1.388	1.027	1.208	1.026	1.083	1.038	1.007	0.313	0.015	0.199	1.077	1.034	11.314
Greater Sudbury	0.698	1.293	1.247	1.296	1.044	1.082	0.975	1.020	1.566	0.005	0.116	1.270	1.249	12.861
Guelph - Wellington	1.033	0.946	1.131	1.160	1.039	1.118	1.051	1.019	1.253	0.005	0.449	0.973	0.949	12.125
Halton	1.064	1.170	1.309	1.112	1.031	1.068	1.075	1.031	1.253	0.025	0.651	0.986	0.962	12.735
Hamilton	0.897	1.080	0.969	0.866	1.026	1.089	1.029	0.973	0.939	0.091	0.670	1.065	1.067	11.763
Huron County	0.850	1.869	0.977	0.921	1.004	0.933	0.859	0.940	0.000	0.002	0.082	1.144	0.994	10.575
Kingston	0.874	1.236	1.154	1.294	1.008	1.149	1.030	1.031	1.253	0.016	0.378	1.080	1.138	12.640
Leeds & Grenville	0.803	1.116	1.035	1.009	1.034	1.100	1.054	1.016	0.313	0.007	0.097	0.947	0.879	10.411
London & Middlesex	0.928	1.097	0.965	0.860	1.019	1.061	0.916	0.924	1.253	0.014	0.588	0.974	0.951	11.549
Niagara	0.836	1.195	1.015	1.024	1.006	1.013	0.915	0.917	0.000	0.034	0.332	1.014	0.994	10.296
North Bay	0.776	1.555	1.031	1.317	1.026	1.269	1.109	1.117	1.253	0.002	0.119	0.839	0.897	12.310
Northwestern Ontario	0.753	1.828	1.089	1.119	1.049	1.066	0.882	0.975	0.626	0.027	0.102	1.330	1.158	12.005
Ottawa	1.028	0.823	1.093	0.886	1.028	1.095	0.967	1.007	1.566	0.055	0.915	0.968	1.043	12.472
Peel Region	1.121	0.999	0.958	1.068	1.018	1.105	1.017	1.009	2.192	0.064	1.420	1.085	1.167	14.221
Peterborough	0.729	1.161	1.027	1.184	0.976	1.025	0.936	0.960	1.253	0.006	0.136	1.069	1.056	11.518
Quinte	0.769	1.727	1.042	2.215	1.008	1.084	0.936	0.954	0.313	0.012	0.145	1.121	0.979	12.304
Renfrew & Lanark	0.822	1.683	1.058	1.051	1.046	1.172	0.917	0.924	0.939	0.008	0.094	0.939	0.808	11.463
Samia - Lambton	0.805	1.248	1.127	1.447	1.046	1.074	1.029	1.028	0.313	0.007	0.148	1.073	0.984	11.330
Sault Ste. Marie	0.614	2.520	1.100	0.998	1.039	1.084	0.925	0.997	0.313	0.004	0.071	1.246	1.160	12.070
Simcoe County	0.907	1.377	1.081	1.304	0.991	1.011	1.025	1.030	0.626	0.022	0.219	1.085	1.149	11.827
Smith Falls	0.626	3.290	0.934	1.712	0.977	1.088	0.834	0.893	1.253	0.001	0.060	1.038	1.083	13.788
St. Thomas-Elgin	0.917	1.204	0.900	1.068	1.024	0.976	0.912	0.861	0.313	0.004	0.134	1.064	1.013	10.390
Thunder Bay	0.709	1.561	1.058	1.024	1.044	1.110	1.032	1.059	0.939	0.009	0.162	1.217	1.118	12.042
Timmins	0.597	0.835	1.077	1.177	1.018	0.901	0.998	1.142	1.253	0.001	0.068	1.045	0.951	11.061
Toronto	0.979	0.934	0.923	0.760	0.943	1.036	0.973	0.973	2.505	0.393	1.415	0.941	1.003	13.779
Waterloo Region	1.026	0.969	1.031	1.044	1.034	1.066	1.000	0.977	1.879	0.025	0.648	1.069	1.064	12.831
Windsor - Essex	0.866	0.817	0.992	0.964	1.043	1.103	0.979	1.001	1.566	0.047	0.690	1.002	0.993	12.062
York Region	1.091	1.159	1.100	0.949	1.031	1.022	1.051	1.011	1.566	0.064	1.327	0.930	1.043	13.345
Ontario	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	13.000

“Integration Capacity Index”

LIPS	Score	LIPS	Score
Peel Region	14.221	Thunder Bay	12.042
Smith Falls	13.788	Northwestern Ontario	12.005
Toronto	13.779	Simcoe County	11.827
York Region	13.345	Hamilton	11.763
Ontario	13.000	Chatham - Kent	11.588
Greater Sudbury	12.861	London & Middlesex	11.549
Waterloo Region	12.831	Peterborough	11.518
Halton	12.735	Renfrew & Lanark	11.463
Kingston	12.640	Sarnia - Lambton	11.330
Ottawa	12.472	Grand Erie	11.314
North Bay	12.310	Timmins	11.061
Quinte	12.304	Huron County	10.575
Durham Region	12.233	Five Eastern Counties	10.515
Guelph - Wellington	12.125	Leeds & Grenville	10.411
Sault Ste. Marie	12.070	St.Thomas-Elgin	10.390
Windsor - Essex	12.062	Niagara	10.296

Welcome-Ability Index: Data and Method

- Unit of analysis: 45 Local Immigration Partnerships (LIPs)
 - 30 LIPs in Ontario
 - 15 LIPs in Toronto
- Data: 2006 Census and 2008 Canadian Community Health Survey (CCHS)
- Exploratory factor analysis and Confirmatory factor analysis (or Structural Equations Model)

[Ravanera, Z., V. Esses & F. Rajulton. 2013. Integration and “Welcome-ability” Indexes: Measures of Community Capacity to Integrate Immigrants](#)

Welcome-Ability Index: Variables

Included in SEM

❖ Economic

- Household Income ('000s)
- Low Income Ratio among immigrants
- % of immigrants renting homes

❖ Social

- % of visible minorities among immigrants
- % immigrants in the community
- Population Diversity in the community

❖ Health

- % of immigrants rating health care in the community as good or excellent
- Immigrants' perceived health on a scale of 100

Not Included in SEM

❖ Economic

- % of employed immigrants
- % of unemployed immigrants
- Median monthly rent immigrants pay ('00s)
- Ratio of dwelling value to median HH income

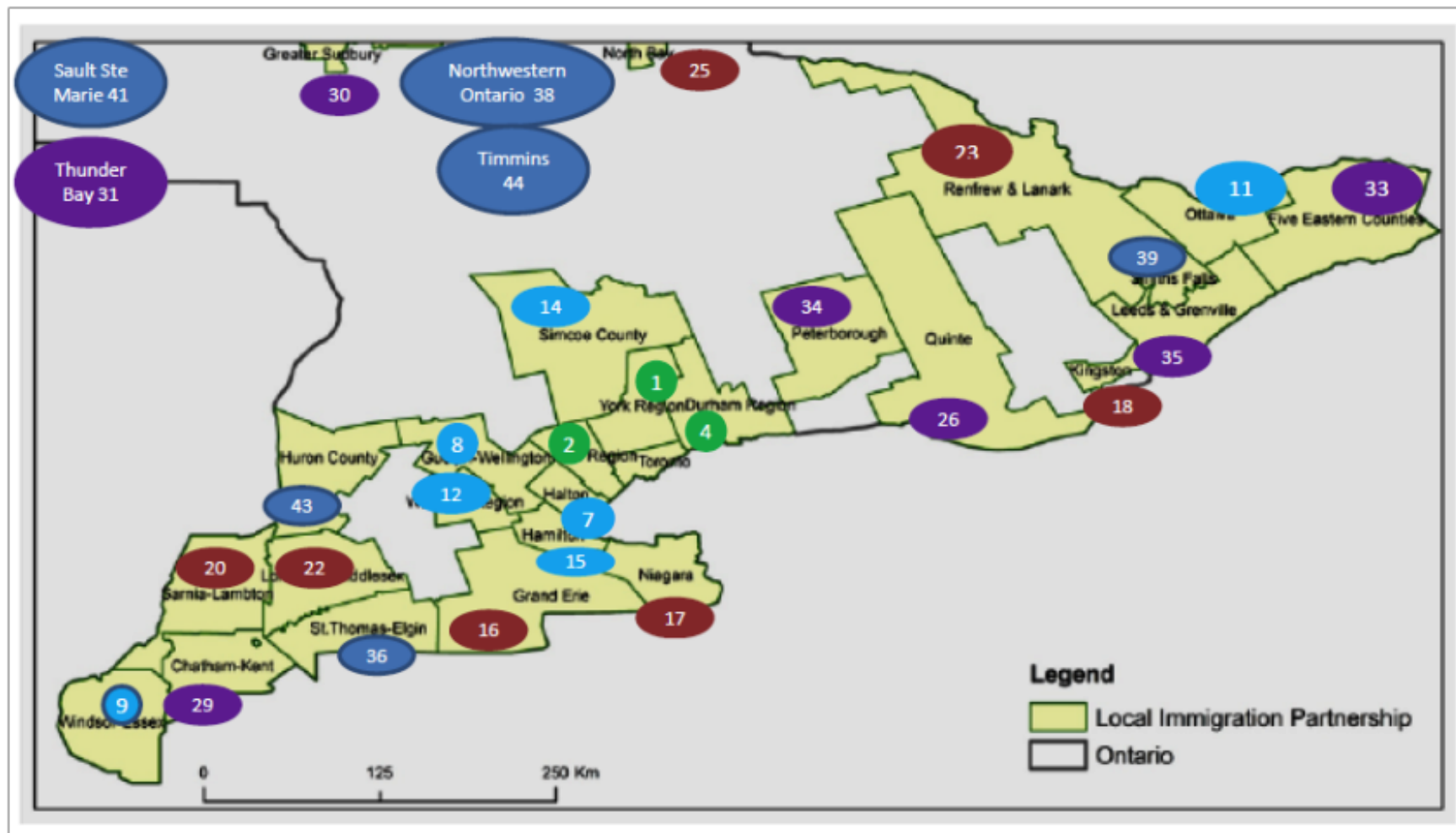
❖ Social

- Sense of Belonging of immigrants on a scale of 100
- Municipal services available in the community
- Number of immigrants per N211 service

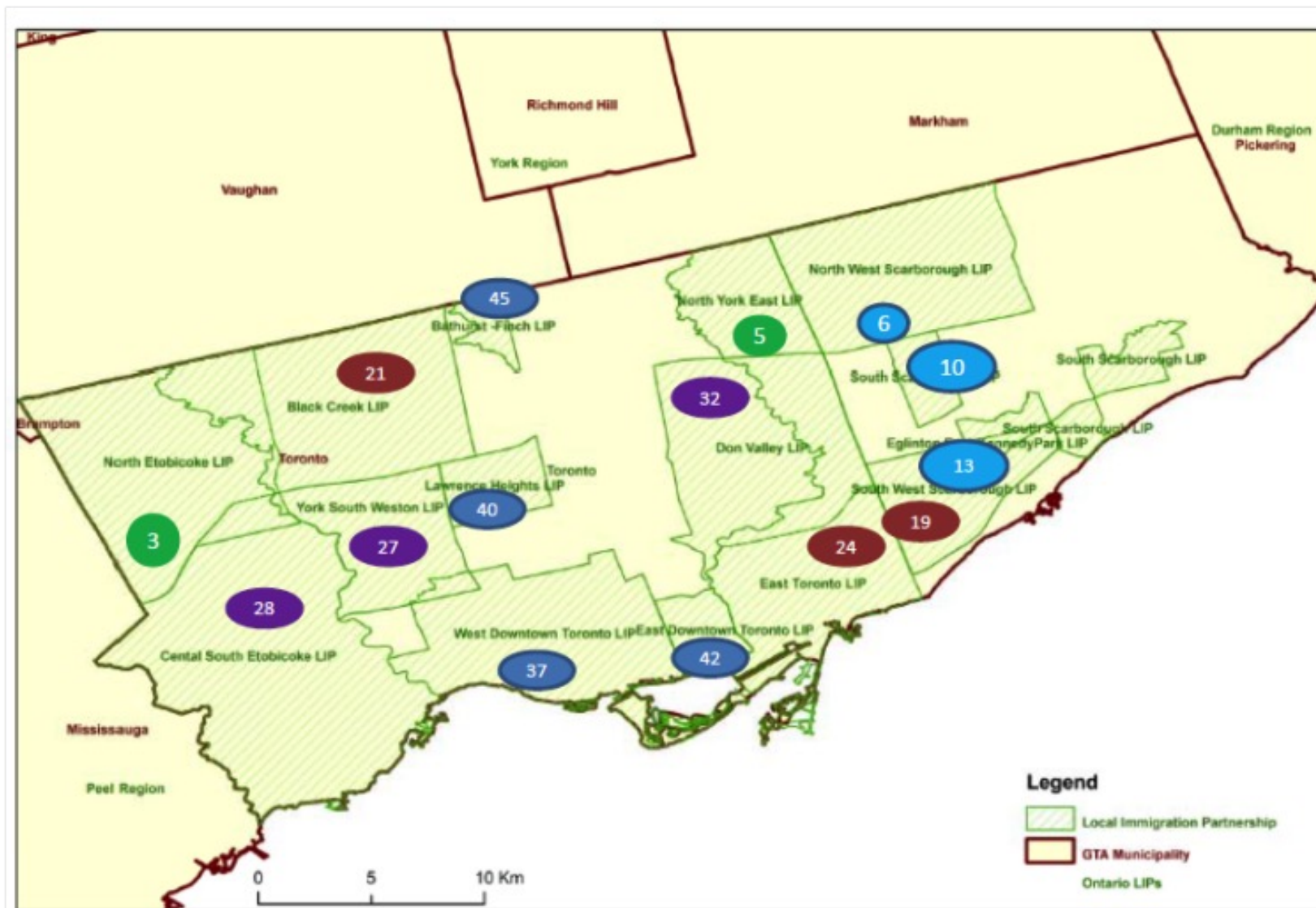
❖ Health

- % of immigrants who perceive barriers in improving health
- % of immigrants who have a regular doctor

South Ontario: Local Immigration Partnerships and Welcome-ability Ranks



Toronto: Local Immigration Partnerships and Welcome-ability Ranks



Welcome-Ability Index: Variables

Variable	Variable Description	Selected for SEM
Social		
PCITIZEN	Proportion of Citizens	No
PIMMIG	Proportion of Immigrants	Yes
PVISMING	Proportion of Visible Minorities	Yes
PCOLLUNIV	Proportion with College/University Degrees	Yes
POPDIV	Population Diversity	Yes
Economic		
PPAIDWK	Proportion of Paid Workers	No
PFULLTIME	Proportion of Fulltime Workers	No
PLOWINC	Proportion with Low Income	Yes
PRENTHOME	Proportion Renting Home	Yes

Welcome-ability: Canadian CMAs and Non-CMAs 2006 Census

Latent Scores and Ranks:

- Social
- Economic
- Welcome-ability

Ravanera, Z. and V. Esses. 2014.
The Integration of Immigrants of
Differing Official Language Ability
and Use in Canada: Analysis of the
2006 Census and the 2007–2008
Canadian Community Health
Survey

AREA	Social	Economic	Welcome Ability	Rank of Social	Rank of Economic	Rank of Welcome
Vancouver	2.8049	1.8404	2.23	2	2	1
Toronto	2.8130	1.5935	2.08	1	3	2
Montréal	0.9811	1.9085	1.54	5	1	3
Calgary	1.5512	1.0181	1.23	3	6	4
Ottawa - Gatineau	0.8842	1.2549	1.11	6	5	5
Edmonton	1.0721	0.6447	0.82	4	11	6
Victoria	0.1709	0.9877	0.66	13	8	7
Québec	-0.7264	1.3835	0.54	23	4	8
Halifax	-0.1608	0.8712	0.46	15	10	9
Winnipeg	0.7221	0.2508	0.44	7	13	10
Non-CMA - Northern Canada	-0.5731	0.9489	0.34	21	9	11
Sherbrooke - Trois-Rivières	-0.7596	1.0071	0.30	24	7	12
London	0.1779	0.3272	0.27	12	12	13
Hamilton	0.4395	0.1250	0.25	11	14	14
Kitchener	0.5926	-0.0467	0.21	8	17	15
Windsor	0.5814	-0.2313	0.09	9	18	16
Kelowna - Abbotsford	0.4965	-0.2803	0.03	10	19	17
Regina - Saskatoon	-0.2228	0.0206	-0.08	17	16	18
Kingston - Peterborough	-0.5375	0.0666	-0.18	20	15	19
Oshawa	0.0452	-0.6681	-0.38	14	26	20
Brantford - Guelph - Barrie	-0.2095	-0.5149	-0.39	16	22	21
Greater Sudbury/Grand Sudbury - Thunder Bay	-0.8106	-0.3103	-0.51	28	20	22
St. Catharines - Niagara	-0.3121	-0.6566	-0.52	18	24	23
Non-CMA - British Columbia	-0.5127	-0.6455	-0.59	19	23	24
Moncton - Saint John	-0.7820	-0.4996	-0.61	27	21	25
Non-CMA - Quebec	-0.9322	-0.6622	-0.77	32	25	26
Non-CMA - Alberta	-0.6139	-0.9202	-0.80	22	27	27
Non-CMA - Nova Scotia	-0.7803	-1.0645	-0.95	26	29	28
Non-CMA - Prince Edward Island	-0.9523	-0.9630	-0.96	34	28	29
Non-CMA - Ontario	-0.7658	-1.1841	-1.02	25	30	30
Non-CMA Newfoundland and Labrador	-0.9023	-1.2907	-1.14	29	31	31
Non-CMA - Saskatchewan	-0.9424	-1.3983	-1.22	33	32	32
Non-CMA - Manitoba	-0.9182	-1.4372	-1.23	31	33	33
Non-CMA - New Brunswick	-0.9180	-1.4753	-1.25	30	34	34

Top Ten Welcoming Communities in Canada

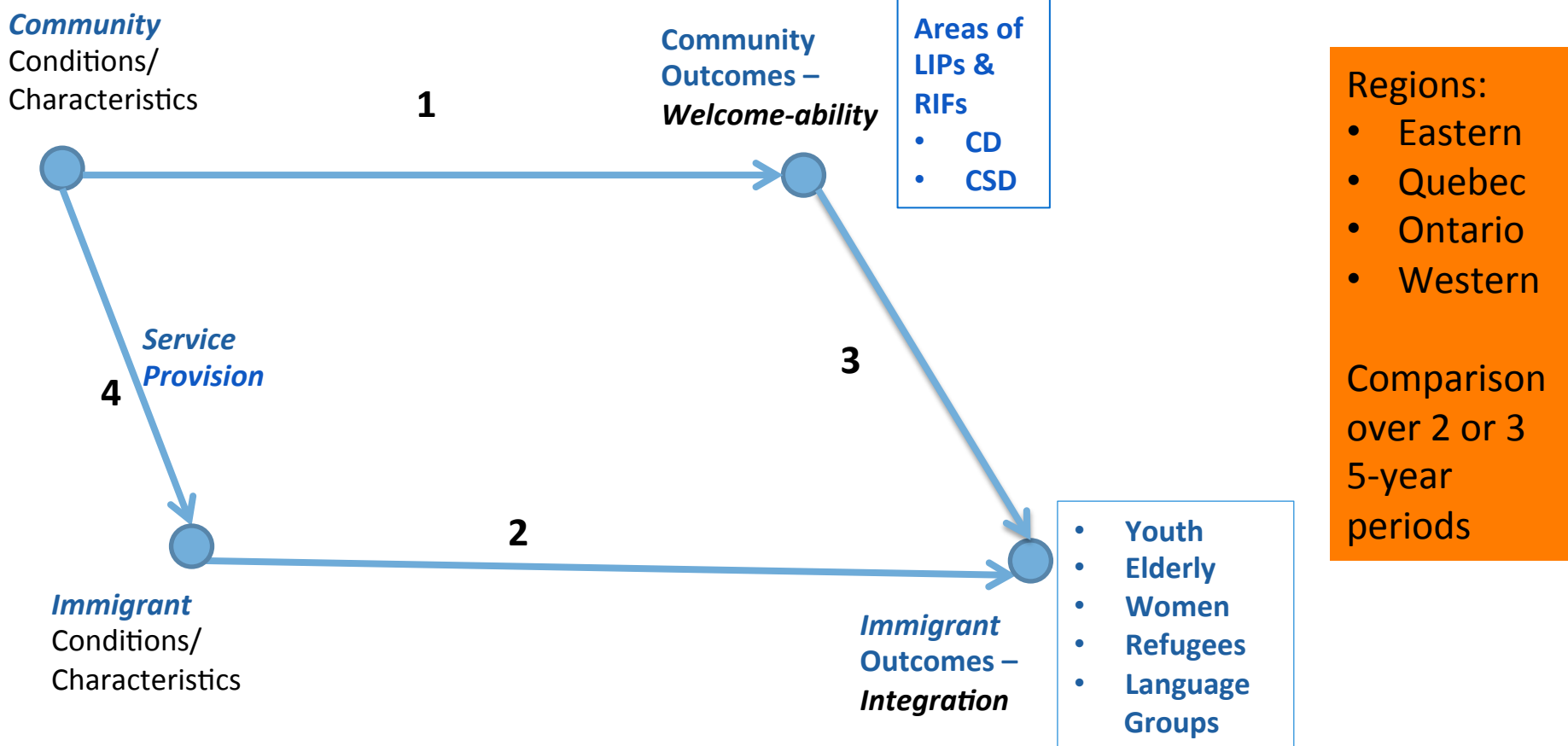




Research that we can do

Comprehensive Research

- Common Concepts
- Common Measures
- Common Geographic Units



Data for Analysis of Outcomes and Services

Available Data

Community Outcomes

- 2006 Census
- 2007/08 Canadian Community Health Surveys
- 2011 National Household Survey
- 2011/12 Canadian Community Health Surveys

Immigrant Outcomes

Above data sets, plus

- 2008 General Social Survey on Social Networks
- 2013 General Social Survey on Social Identity

Service Provision

- iCare Reports
- Other Administrative Data

Data that would be available, or could be collected

- 2016 Census
- 2016/17 Canadian Community Health Surveys

- 2018 General Social Survey (?)

- Survey
- Focus Groups



Thank you!

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