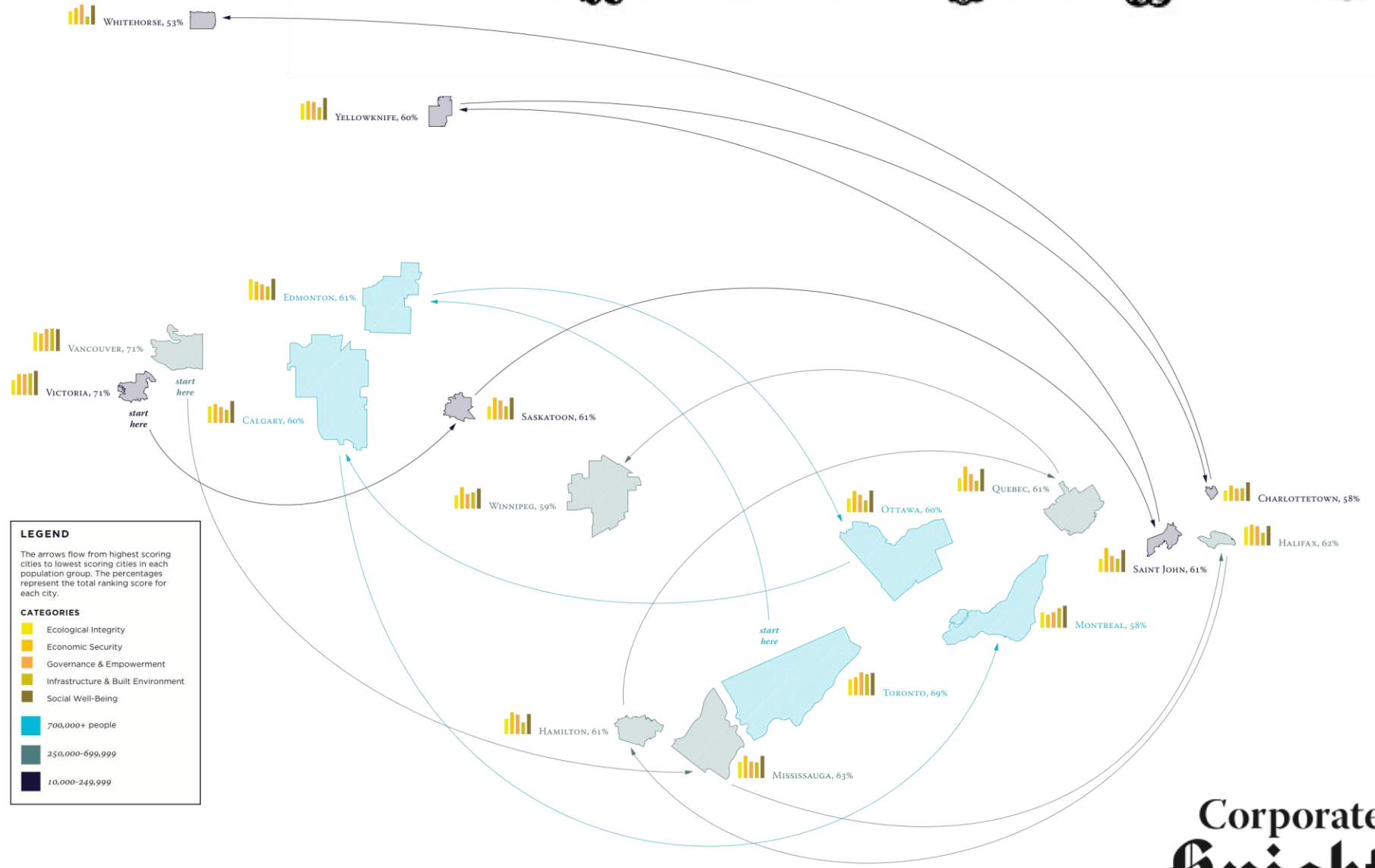


# 2011 Sustainable Cities Ranking



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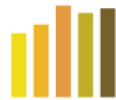
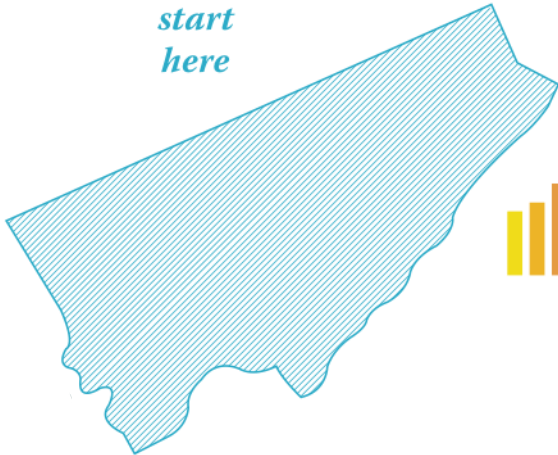


# 2011 Sustainable Cities Ranking Leaders

## Knights

<b>Toronto</b> <i>Best large city</i> <b>6.9</b>	<b>Vancouver</b> <i>Best medium city</i> <b>7.1</b>	<b>Victoria</b> <i>Best small city</i> <b>7.1</b>
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*start here*



TORONTO, 69%



VANCOUVER, 71%



VICTORIA, 71%



*start here*

*start here*

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# Ranking Breakdown: 5 Categories, 28 Indicators

CITIES	ECOLOGICAL INTEGRITY	ECONOMIC SECURITY	GOVERNANCE & EMPOWERMENT	INFRASTRUCTURE & BUILT ENVIRONMENT	SOCIAL WELL-BEING	TOTAL
<b>LARGE CITIES</b>						
Toronto	5.5	6.2	7.9	7.3	7.7	6.9
<b>MEDIUM CITIES</b>						
Vancouver	6.5	6.0	7.6	7.7	7.5	7.1
<b>SMALL CITIES</b>						
Victoria	5.2	7.2	7.2	7.6	8.2	7.1

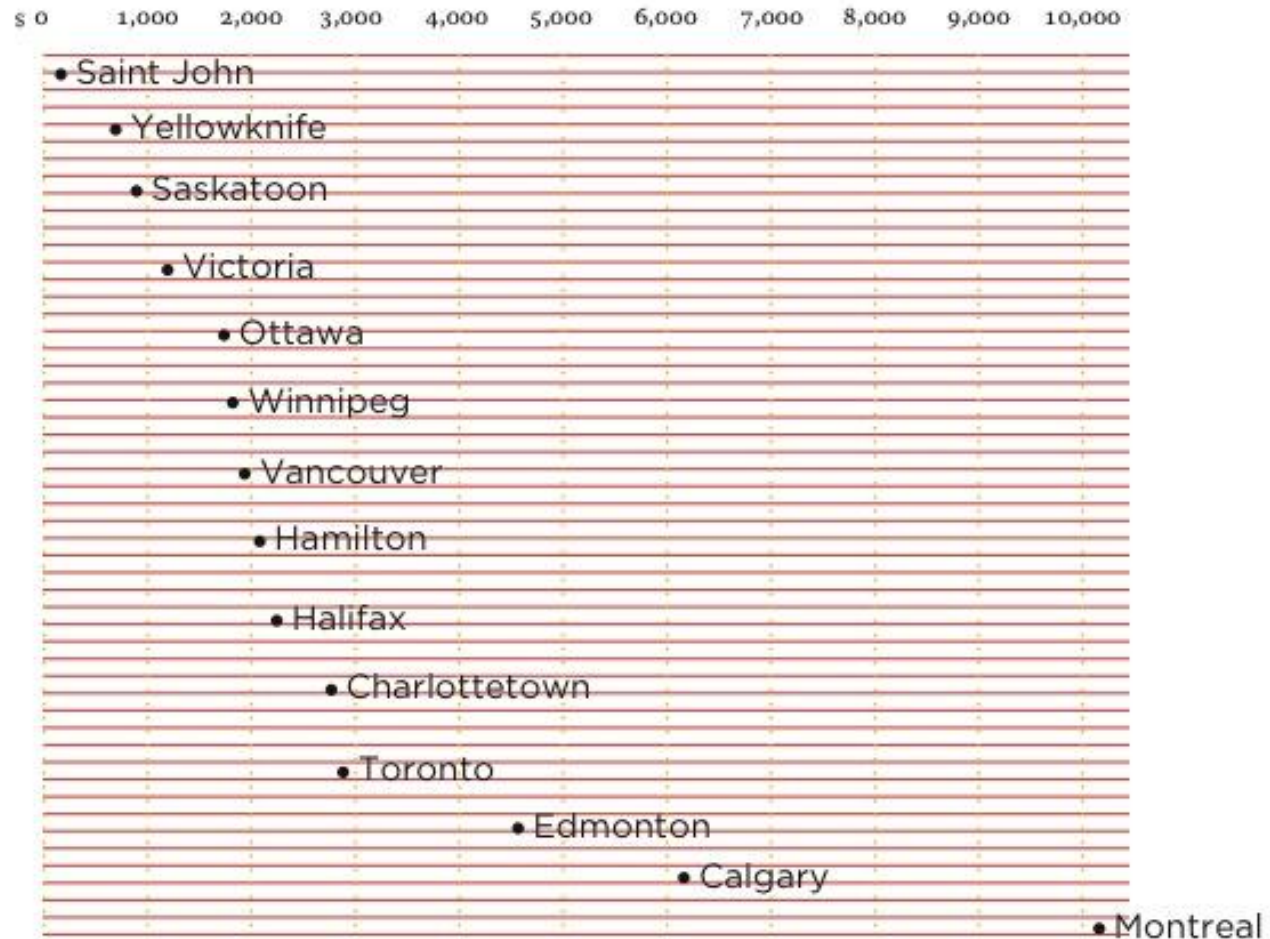
# Ranking Breakdown: Ecological Integrity

Category	Indicators	Weight	Description
Ecological Integrity	Water consumption	20	Average total daily flow of water per person.
	Green space	10	Area predominantly vegetated (parks, forest, gardens, etc).
	Waste diversion, residential	20	Current level of residential waste diverted (recycling, green bin, etc.).
	Air Quality, PM 2.5	20	Particulate Matter, 98th percentile of 24 hour means.
	GHG emission reduction	10	Current % GHG emission reduction achieved in reference to base year defined in target.
	Urban biodiversity monitoring program	10	Does the city have a comprehensive urban biodiversity monitoring program?
	Water Quality: In and Out	10	Does the city have a comprehensive source water protection plan? Is the city working towards waste and water sewer separation?

# Ranking Breakdown: Economic Security

Category	Indicators	Weight	Description
Economic Security	Employment participation rate	10	Employment participation rate, all sectors, seasonally adjusted, 15 years and over.
	Household spending on shelter	25	% household expenditure allocated to shelter.
	Unemployment rate	15	Unemployment rate, all sectors, seasonally adjusted, 15 years and over.
	% low income people	25	% low income before tax, all people.
	Household debt	25	Average household long-term debt.

# Economic Security: Household debt



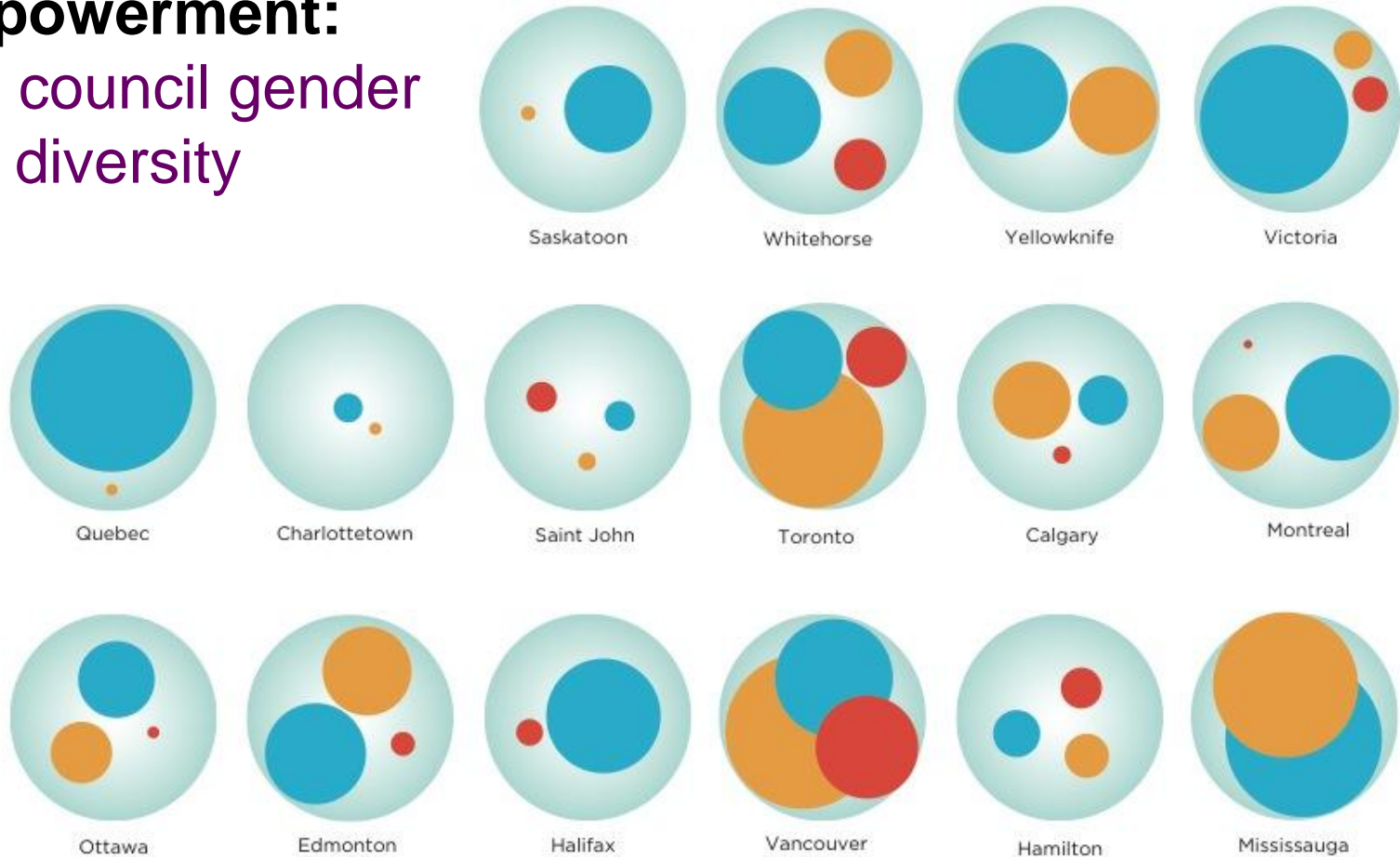
# Ranking Breakdown: Governance & Empowerment

Category	Indicators	Weight	Description
Governance & Empowerment	Education	20	% of population who does not have a high school or higher diploma and % of population who has a degree, certificate, diploma, etc., awarded above the high school level.
	Voter turnout	20	Rate of participation in the most recent municipal election.
	Household garbage limit	20	The quantity and frequency garbage is collected from city households and the cost or fee associated with excess garbage.
	City council	20	The representation of gender and visible minorities on city council.
	Municipal GHG emission reduction target	20	Does the city have an ambitious GHG emission reduction target for the municipality as a whole?

# Governance & Empowerment:

## City council gender and diversity

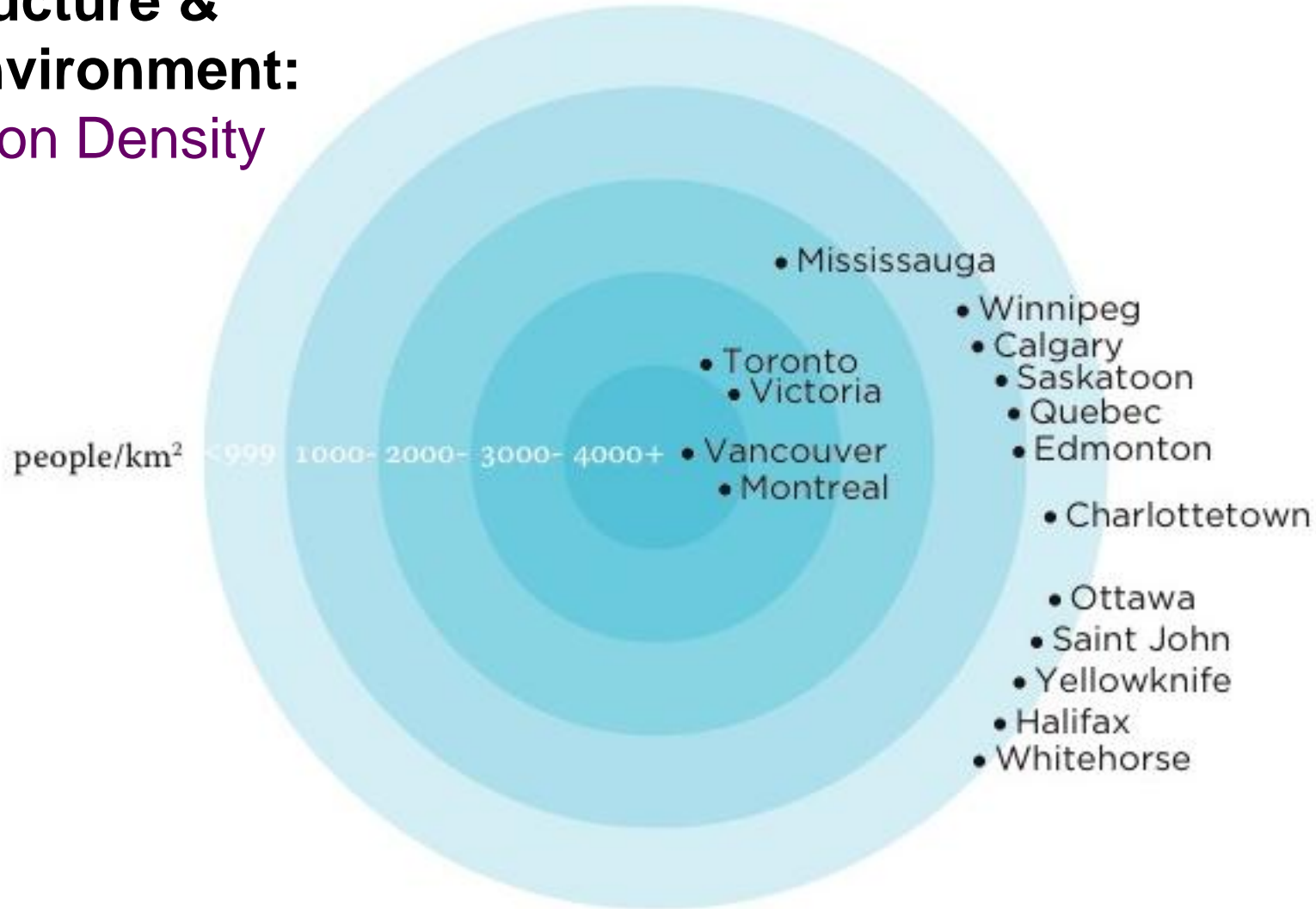
● represents 100% 
 ● % women on council 
 ● % minorities on council 
 ● % minority po



# Ranking Breakdown: Infrastructure & Built Environment

Category	Indicators	Weight	Description
Infrastructure & Built Environment	Density	25	Number of people per square kilometer of city area.
	Green transportation use	25	Number of people in a city using a "green" mode of transportation to work: public transit, walking, biking, carpooling, other.
	Local food production and access	20	Number of year-round and seasonal farmer's markets operating in a city and the area allocated by the city to community gardens.
	Green buildings	10	Does the city have and/or support residential or commercial retrofit programs for buildings?
	Renewable energy	10	Does the city have and/or support incentives for renewable energy production and consumption? What is the annual consumption (%) of renewable energy compared to other sources?
	Green and clean-tech business opportunity	10	Does the city actively support and work to attract green business and clean technology development?

# Infrastructure & Built Environment: Population Density



# Ranking Breakdown: Social Well-Being

Category	Indicators	Weight	Description
Social Well-Being	Life satisfaction	25	% of people who describe themselves as 'satisfied' or 'very satisfied' with their life.
	Crime Rate	15	Rate of homicides and hate crimes occurring in a city.
	Health and access to care	25	Number of people in a city who are obese, and number of people who report having access to a regular medical doctor.
	Cultural Events	10	Number of major cultural events/festivals held in an outdoor or community space, with a cultural focus, costing 10\$ or less.
	Homelessness	25	Assessment of the capacity of a city to address and support homelessness.

# Ranking Breakdown: 17 Canadian Cities

CITIES	ECOLOGICAL INTEGRITY	ECONOMIC SECURITY	GOVERNANCE & EMPOWERMENT	INFRASTRUCTURE & BUILT ENVIRONMENT	SOCIAL WELL-BEING	TOTAL
<b>LARGE CITIES</b>						
Toronto	5.5	6.2	7.9	7.3	7.7	6.9
Edmonton	7.1	6.2	5.3	4.7	7.2	6.1
Ottawa	4.8	7.3	6.0	4.1	7.6	6.0
Calgary	5.8	6.6	5.5	4.5	7.6	6.0
Montreal	5.2	4.4	5.3	6.8	7.5	5.8
<b>MEDIUM CITIES</b>						
Vancouver	6.5	6.0	7.6	7.7	7.5	7.1
Mississauga	5.5	7.6	5.7	5.3	7.6	6.3
Halifax	6.3	7.1	6.7	4.3	6.8	6.2
Hamilton	5.2	7.5	6.8	4.0	6.9	6.1
Quebec	4.5	8.4	5.9	3.7	7.7	6.1
Winnipeg	4.6	7.4	5.0	5.5	6.9	5.9
<b>SMALL CITIES</b>						
Victoria	5.2	7.2	7.2	7.6	8.2	7.1
Saskatoon	4.7	7.4	6.6	4.5	7.4	6.1
Saint John	4.6	8.2	5.5	4.6	7.5	6.1
Yellowknife	5.7	6.4	6.1	4.3	7.6	6.0
Charlottetown	4.6	6.3	5.2	5.4	7.3	5.8
Whitehorse	4.7	5.7	6.9	2.8	6.5	5.3

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# 2011 Sustainable Cities Ranking Leaders

## Trends

### Room for improvement

#### Environmental Integrity

< **50 %** cities are on track to meet corporate GHG emission reduction targets.

**5 of 17** cities do not have a municipal GHG emission reduction target currently in place.

> **50 %** cities who have a municipal target did not have current data available.

#### Economic Security

~ **40 %** cities allocate greater than **20 %** of total household spending to shelter.

# 2011 Sustainable Cities Ranking Leaders

## Trends

### Room for improvement

#### Governance and Empowerment

**3 of 17** cities have a city council with 50 % females, 50 % male (Mississauga, Quebec, Victoria)

**2 of 17** cities have a city council that reflects the % visible minorities in the city population (Victoria, Saint John)

#### Infrastructure & Built Environment

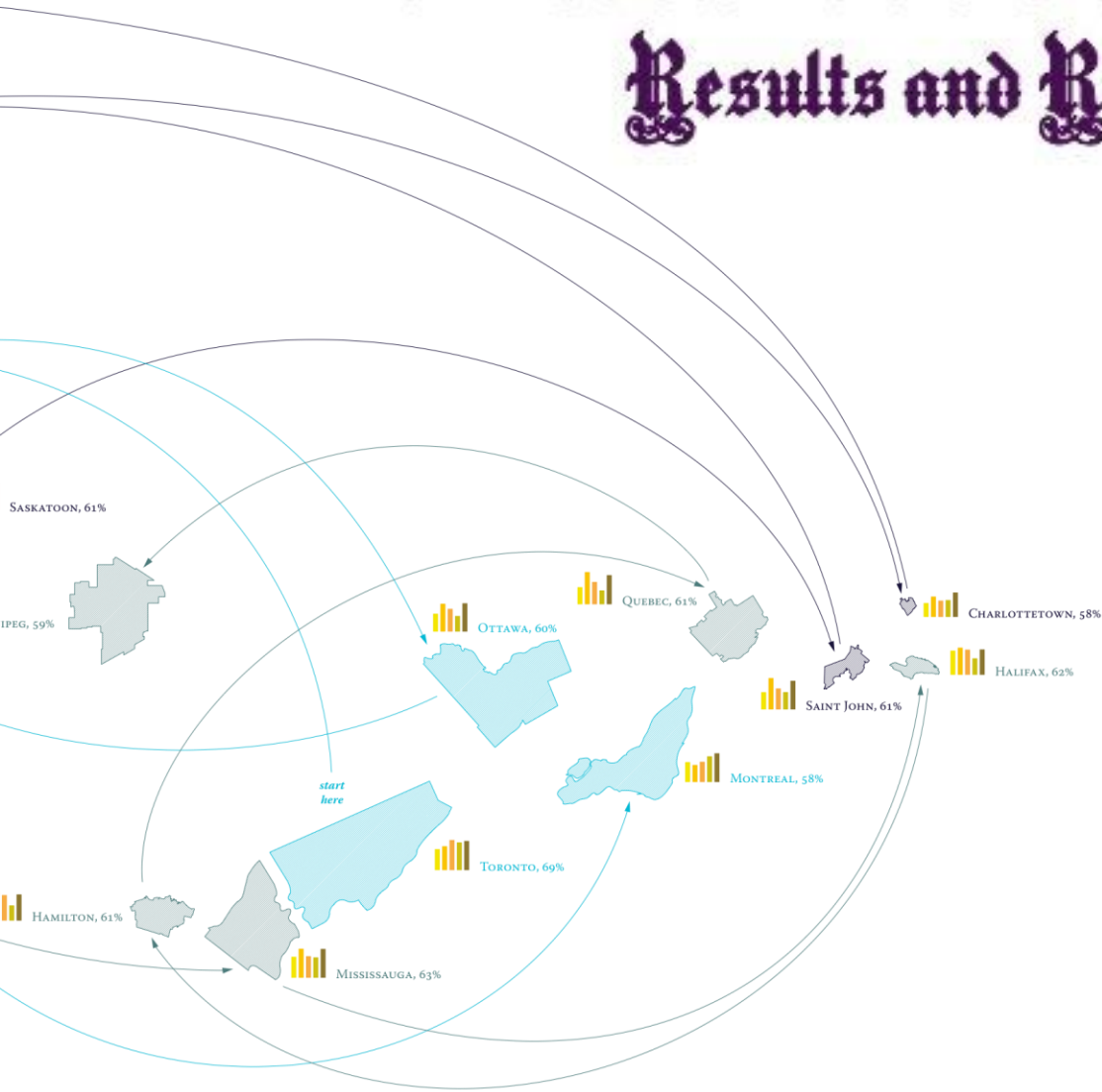
**2 of 17** cities meet the ideal density requirement for cities (Vancouver, Victoria)

#### Social Well-Being

**7 of 17** cities have >20% of their population classified as obese.

# 2011 Sustainable Cities Ranking

## Results and Report



### More results:

#### 1. Online

[www.corporateknights.ca/cities](http://www.corporateknights.ca/cities)

#### 2. Publication

*Globe & Mail*

*Various news outlets*

*Subscription*

#### 3. Report

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