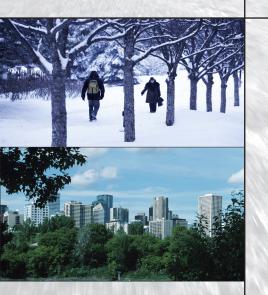


Segment 1: Urban Environment



Loleen Berdahl, Ph.D. Senior Researcher



This report was prepared by Canada West Foundation Senior Researcher Dr. Loleen Berdahl. The opinions expressed in this document are those of the author and are not necessarily those of the Canada West Foundation's Board of Directors, advisors, or funders. Permission to use or reproduce this report is granted for personal or classroom use without fee and without formal request provided that it is properly cited. Copies may not be made or distributed for profit or commercial advantage. Additional copies can be downloaded from the Canada West Foundation website (www.cwf.ca).



Urban Environment

Urbanites in the West and Toronto place great value on the environment in and around their cities. The Looking West 2007 Survey shows that many environmental concerns are related to urban population size. The larger the city, the more concerned its residents are about the urban environment. This likely reflects perceptions of lower environmental quality in larger cities. As cities grow larger, air quality drops and the surrounding countryside is consumed, and what becomes rare, becomes more precious. The survey findings suggest that Canada may become increasingly environmentally conscious—especially in terms of the urban environment—as the country's cities continue to grow.



About Looking West 2007: The Looking West 2007 Survey is part of the Canada West Foundation's Western Cities Project. Core funding for the Western Cities Project has been provided by the Cities of Vancouver, Calgary, Edmonton, Regina, Saskatoon, and Winnipeg. The survey was administered by Probe Research between January 2 and February 3, 2007 from their Winnipeg call centre. A total of 3,500 urban residents were interviewed, with 500 from each of the following urban centres: Greater Vancouver Region; Calgary; Edmonton; Regina; Saskatoon; Winnipeg; and Greater Toronto Area. One can say with 95 percent certainty that the results are within +/- 1.66 percentage points of what they would have been if the entire adult population of these cities had been interviewed; for individual cities, results are within +/-4.38 percentage points. Looking West 2007 Survey topics include urban policy priorities; public safety; street level social problems; transportation; quality of life; environment and urban green spaces; urban growth and diversity; and assessing municipal, provincial and federal governments. The survey results will be released in segments over the course of 2007. Visit the Canada West Foundation website for more information.

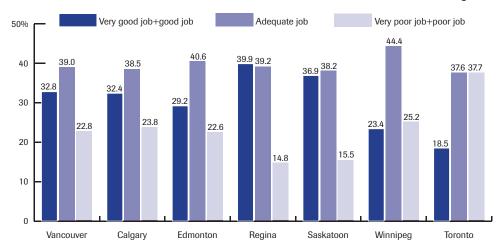


Government and the Environment

Figure 1:

Government and the Environment

Regina and
Saskatoon residents
are the most satisfied
with environmental
protection in their
cities; Toronto
residents are the least
satisfied



| | Very good job | Good job | Adequate job | Poor job | Very poor job |
|-----------|---------------|----------|--------------|----------|---------------|
| Vancouver | 7.0% | 25.8% | 39.0% | 18.6% | 4.2% |
| Calgary | 7.4 | 25.0 | 38.5 | 19.4 | 4.4 |
| Edmonton | 5.2 | 24.0 | 40.6 | 18.2 | 4.4 |
| Regina | 8.8 | 31.1 | 39.2 | 11.6 | 3.2 |
| Saskatoon | 7.4 | 29.5 | 38.2 | 12.7 | 2.8 |
| Winnipeg | 20.6 | 2.8 | 44.4 | 21.8 | 3.4 |
| Toronto | 3.0 | 15.5 | 37.6 | 28.4 | 9.3 |

Looking West 2007 respondents were asked: "In your opinion, how good a job are governments doing to protect the environment in your city?" (Response options included a very good job, a good job, an adequate job, a poor job or a very poor job.)

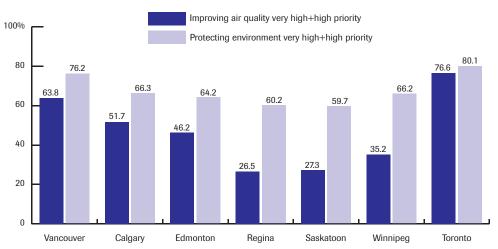
The results reveal that Regina residents are the most satisfied: almost 8 in 10 say that governments are doing a very good, a good or an adequate job protecting the environment in Regina. In the West, Winnipeg residents are the least satisfied with the job that governments are doing to protect the environment with only 67.8% reporting that governments are doing a very good, a good or an adequate job. Toronto residents are the least satisfied of the seven cities: only 56.1% feel that governments are doing a very good, a good or an adequate job in this area.





Air Quality and Protecting the Environment





| | Improving air quality | | Protecting environment | | |
|-----------|-----------------------|---------------|------------------------|---------------|--|
| | Very high priority | High priority | Very high priority | High priority | |
| Vancouver | 16.8% | 47.0% | 24.0% | 52.2% | |
| Calgary | 12.2 | 39.5 | 18.0 | 48.3 | |
| Edmonton | 9.6 | 36.6 | 16.0 | 48.2 | |
| Regina | 4.2 | 22.3 | 12.0 | 48.2 | |
| Saskatoon | 4.6 | 22.7 | 12.7 | 47.0 | |
| Winnipeg | 8.0 | 27.2 | 15.0 | 51.2 | |
| Toronto | 23.7 | 52.9 | 28.2 | 51.9 | |

Respondents were asked to rate both "improving air quality in [their city]" and "protecting the environment in [their city]" as not a priority, a low priority, a medium priority, a high priority, or a very high priority.

Improving air quality was a high or very high priority for over 7 in 10 Toronto residents, 6 in 10 in Vancouver, and 5 in 10 in Calgary. In general, the smaller the city, the lower the percentage of residents rating air quality as a high or very high priority.

In all seven cities, the majority of residents rate protecting the environment in their city as a high or very high priority. Responses vary with urban size, ranging from 8 in 10 in Toronto to 6 in 10 in Regina and Saskatoon.



Air Quality and Protecting the Environment

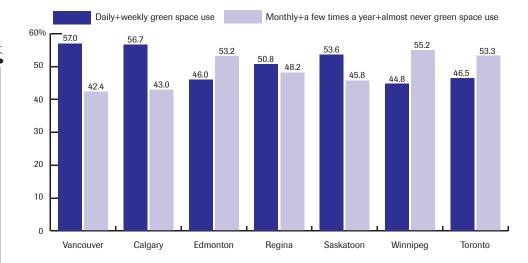
Improving air quality is a very high or high priority for a majority of Torontonians, Vancouverites and Calgarians but less of an issue for the residents of Edmonton, Saskatoon, Regina and Winnipeg





Green Space Use

Figure 3:



| | Daily | Weekly | Monthly | A few times/year | Almost never |
|-----------|-------|--------|---------|------------------|--------------|
| Vancouver | 18.6% | 38.4% | 21.2% | 16.0% | 5.2% |
| Calgary | 23.6 | 33.1 | 19.6 | 17.6 | 5.8 |
| Edmonton | 13.6 | 32.4 | 18.8 | 23.6 | 10.8 |
| Regina | 17.3 | 33.5 | 16.5 | 22.5 | 9.2 |
| Saskatoon | 17.9 | 35.7 | 17.1 | 18.3 | 10.4 |
| Winnipeg | 12.0 | 32.8 | 22.6 | 26.2 | 6.4 |
| Toronto | 17.3 | 29.2 | 22.7 | 19.7 | 10.9 |

Respondents were asked, "How often do you use your city's parks, natural areas, pathways, water-fronts, and other green spaces for things like walking, picnics, recreation, bike riding, and family outings?"

Residents of Vancouver and Calgary are the most likely to report frequent use of their city's parks, natural areas, pathways, waterfronts, and other green spaces, with 57% of respondents from each city reporting daily or weekly green space use.

Saskatoon and Regina also had a majority of residents reporting frequent green space use.

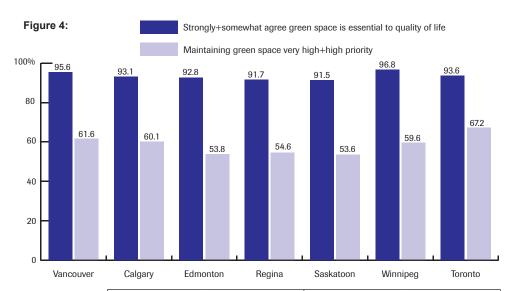
Green Space Use

Calgarians and Vancouverites are the most frequent users of urban green space





Green Space Attitudes



| | Green space essential to quality of life | | Maintaining | green space | | |
|-----------|--|----------------|--------------------|---------------|--|--|
| | Strongly agree | Somewhat agree | Very high priority | High priority | | |
| Vancouver | 72.6% | 23.0% | 14.8% | 46.8% | | |
| Calgary | 68.5 | 24.6 | 13.2 | 46.9 | | |
| Edmonton | 64.4 | 28.4 | 12.6 | 41.2 | | |
| Regina | 61.0 | 30.7 | 8.4 | 46.2 | | |
| Saskatoon | 60.4 | 31.1 | 8.8 | 44.8 | | |
| Winnipeg | 64.2 | 32.6 | 13.6 | 46.0 | | |
| Toronto | 68.4 | 25.2 | 18.3 | 48.9 | | |

Respondents were asked to rate their agreement (strongly agree, somewhat agree, somewhat disagree, strongly disagree) with the statement "my city's parks, natural areas, pathways, waterfronts, and other green spaces are essential to my quality of life." Urbanites are nearly unanimous in their valuation of urban natural capital, with over 9 in 10 respondents in all seven cities agreeing that urban green spaces are essential to their quality of life. In all seven cities, respondents are more likely to strongly agree than to somewhat agree; Vancouver has a particularly high percentage of respondents who strongly agree (72.6%).

Given the above, it is notable that a much smaller percentage of respondents rate maintaining urban green spaces as a very high or high priority. Survey respondents were asked to rate "maintaining public parks, pathways and green spaces" as not a priority, a low priority, a medium priority, a high priority, or a very high priority. Toronto residents are the most likely to rate maintaining green spaces as a very high or high priority (almost 7 in 10), followed by Vancouver, Calgary and Winnipeg (6 in 10). The majority of respondents in Regina, Edmonton and Saskatoon also rate maintaining urban green spaces as a very high or high priority.



Green Space Attitudes

Over 9 in 10 urbanites state that city parks and green spaces are "essential to quality of life"; the majority in all cities—and two-thirds in Toronto—state that maintaining urban green spaces is a very high or high priority





)) DOOKING WEST 2007

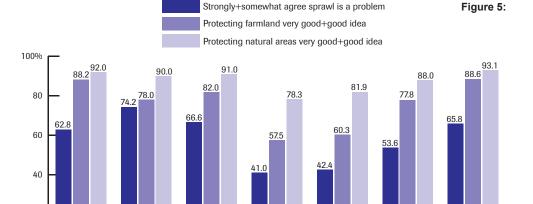
Land Use

20

Vancouver

Calgary

Edmonton



| | Sprawl is a problem | | Protect farmland | | Protect natural areas | |
|-----------|---------------------|----------------|-------------------|-----------|-----------------------|-----------|
| | Strongly agree | Somewhat agree | Very good idea | Good idea | Very good idea | Good idea |
| Vancouver | 26.0% | 36.8% | 50.8% | 37.4% | 52.0% | 40.0% |
| Calgary | 42.9 | 31.3 | 33.1 | 44.9 | 50.9 | 39.1 |
| Edmonton | 24.8 | 41.8 | 29.2 | 52.8 | 46.6 | 44.4 |
| Regina | 13.7 | 27.3 | 19.7 | 37.8 | 31.5 | 46.8 |
| Saskatoon | 12.7 | 29.7 | 19.5 | 40.8 | 33.7 | 48.2 |
| Winnipeg | 19.2 | 34.4 | 32.0 | 45.8 | 39.2 | 48.8 |
| Toronto | 32.4 | 33.4 | 45.9 | 42.7 | 54.3 | 38.8 |

Regina

Saskatoon

Winnipeg

Toronto

Looking West 2007 respondents were asked to rate their agreement (strongly agree, somewhat agree, somewhat disagree, strongly disagree) with the statement "urban sprawl is a problem for [their city]." Calgarians are the most likely to state that urban sprawl is a problem for their city, with 74.2% agreeing (either strongly or somewhat) with the statement—a full 11 percentage points above Vancouver and 8 percentage points above Toronto.

For both Edmonton and Toronto, almost two-thirds of respondents feel that sprawl is a problem for their city, and Vancouver almost matches these numbers. While a majority of Winnipegers feel that sprawl is a problem for Winnipeg, only 4 in 10 residents of Regina and Saskatoon feel sprawl is a problem for their cities.

Land Use

Three-quarters
of Calgarians see
urban sprawl as a
problem; sprawl
is also a concern
for the majority of
Edmonton, Toronto,
Vancouver and
Winnipeg residents





8

Land Use

Survey respondents were asked to rate the statement "governments should protect the farmlands around [their city] from residential and industrial development" as a very good idea, a good idea, a poor idea or a very poor idea. (For Vancouver, respondents were asked about farmland "in the Lower Mainland"; for Toronto, respondents were asked about farmland "around the Greater Toronto Area.")

Resident of Toronto and Vancouver are the most supportive of protecting farmland, with almost 9 in 10 stating it is a good or very good idea. Indeed, over 5 in 10 Vancouver residents state this is a very good idea.

About 8 in 10 residents of Edmonton, Winnipeg and Calgary state that protecting farmland around the city is a good or very good idea. Support for protecting urban-adjacent farmland drops somewhat in Saskatchewan, with about 6 in 10 residents of Saskatoon and Regina stating that this is a good or very good idea.

While enthusiasm for protecting farmland is high, there is even greater interest in protecting natural areas near cities. Respondents were asked to rate the statement "governments should protect the natural areas around [their city] from residential and industrial development" as a very good idea, a good idea, a poor idea or a very poor idea. (For Vancouver, respondents were asked about natural areas "in the Lower Mainland"; for Toronto, respondents were asked about natural areas "around the Greater Toronto Area.")

About 9 in 10 residents of Toronto, Vancouver, Edmonton, and Calgary feel that protecting natural areas around their city is a good or very good idea; in Toronto, Vancouver, and Calgary, over 50% state it is a very good idea. Just under 9 in 10 people in Winnipeg, and roughly 8 in 10 people in Saskatoon and Regina, feel that protecting urban-adjacent natural areas is a good or very good idea.



Land Use

Residents of Toronto and Vancouver are the most supportive of protecting urbanadjacent farmland; residents of Toronto, Vancouver and Calgary are the most supportive of protecting urbanadjacent natural areas



