MANITOBA YOUTH POPULATION REPORT

February 2011

Manitoba 4-H Program

4-H is an international youth organization involving more than seven million members in 80 countries around the world pledging Head, Heart, Hands, and Health to the benefit of their club, community and country. The 4-H motto is 'Learn to do by doing'. The first 4-H club in Canada started in Roland, Manitoba, in 1913 as a Boys & Girls Club – a community based organization dedicated to rural youth development. In 1952, the name was changed to 4-H.



In Manitoba, the program consists of screened adult volunteer mentors developing youth leadership, citizenship and skills through hands-on projects, public speaking, meeting management and community service. Project skill development takes place in interests as diverse as livestock, sewing, technology, foods and leadership. Employability and entrepreneurship skills are enhanced by the 4-H experience. There are 10 geographic Area Councils which represent the clubs in their area.

Manitoba 4-H Council

In 1951, the non-profit Manitoba 4-H Council was formed as an umbrella to ensure grassroots participation in policy making through an elected board of youth and adult voting directors, organize province-wide events (like the annual public speaking competition and Highway Cleanup Campaign), programs and activities that enhance the 4-H program. Manitoba 4-H Council also maintains insurance coverage and seeks corporate sponsorship for the provincial activities. The Manitoba 4-H Council vision is building leadership in youth and adults through unique practical experiences.

Manitoba Agriculture, Food and Rural Initiatives



Manitoba Agriculture, Food and Rural Initiatives provides the 4-H program operating essentials of the 4-H project materials and the resources for training youth and adults in meeting management, public speaking and leadership. Together with Manitoba 4-H Council and the 10 Area Councils, MAFRI staff work within the 4-H motto, pledge and M4HC mission and vision to encourage and promote the development of individuals in building rural communities.

Rural Development Institute, Brandon University

Brandon University established the Rural Development Institute in 1989 as an academic research center and a leading source of information on issues affecting rural communities in Western Canada and elsewhere.



RDI functions as a not-for-profit research and development organization designed to promote, facilitate, coordinate, initiate and conduct multi-disciplinary academic and applied research on rural issues. The Institute provides an interface between academic research efforts and the community by acting as a conduit of rural research information and by facilitating community involvement in rural development. RDI projects are characterized by cooperative and collaborative efforts of multi-stakeholders.

The Institute has diverse research affiliations, and multiple community and government linkages related to its rural development mandate. RDI disseminates information to a variety of constituents and stakeholders and makes research information and results widely available to the public either in printed form or by means of public lectures, seminars, workshops and conferences.

For more information, please visit www.brandonu.ca/rdi

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1.0 Introduction

This research report aims to inform the current challenges faced by the 4-H organization in terms of membership and volunteer leadership. Generally, 4-H memberships have continued to decline across Canada since 1998¹. Those 15-19 and their younger counterparts 5-14 are both said to be peaking by 2011². The exceptions include Quebec and Nova Scotia, where membership has increased. Another exception is with Aboriginal communities where youth populations are increasing. These decline and growth areas present challenges with different implications for 4-H in terms of recruiting potential members, availability of leaders (usually those who experienced 4-H), and possibly the need for new programs.

This research examines youth populations in Manitoba, who are the more traditional membership of 4-H. The analyses focus first on the changes from 1996-2006 in the province as a whole then become more specific by looking at the rural context. The findings will be helpful in several ways, including determining if declines in 4-H membership are similar to the rest of Manitoba.

2.0 Research objectives and methods

This examination of rural youth is discussed at the multiple levels: beginning at the provincial level, reporting on youth population in five categories of rural³, and exceptions at the local level. A fifteen year time frame, from 1996, 2001 and 2006, is consistent through all analyzes. Youth are defined in four age categories: 15-19, 20-24, 25-29, and 30-34.

In 2006 there were 126,590 youth (ages 15-34) in rural Manitoba (42% of the provincial total

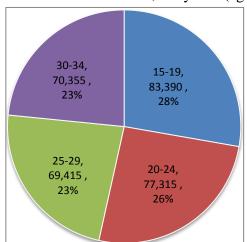


Figure 1. Provincial totals and relative proportions of the four categories of youth in Manitoba

youth), and 173,885 (58%) in Winnipeg. Provincial totals of these youth were unevenly distributed among the four age groups: 83,390 (28% of provincial total youth) in 15-19; 77,315 (26%) in 20-24; 69,415 (23%) in 25-29; and 70,355 (23%) in 30-34. Figure 1 displays these proportions graphically. From previous research of youth in the eight economic regions of Manitoba, Rural Development Institute found that for the first three age groups (15-29) there is general migration to Winnipeg, and for the 30-34 there is an outmigration to the Interlake region, largely thought to be driven by education then employment.

¹ From the presentation by the Youth Advisory Committee to the Canadian 4-H Council at the 2009 AGM

² From the document "Request for Proposal: The 4-H Movement in Canada – Embracing The Future"

³ Based on the Statistics Canada "Census <u>Metropolitan Area and Census Agglomeration Influenced Zones (MIZ) Codes" from the document "Definitions of Rural"</u>

The four objectives are:

- 1. To profile youth population at the larger, provincial level, while still accounting for rural youth.
- 2. To profile youth population based on five well-established definitions of rural.
- 3. To identify different rural areas that are an exception to the above profiles (e.g., declining quicker or increasing more rapidly).
- 4. To provide implications for 4-H (e.g., in terms of membership).

Multiple methods were used in this research, yet all the data was from Statistics Canada. For the first two objectives, dealing with the provincial and rural youth data, the analyses included examining both the total population and the total youth population in relation to different geographies (rural, Winnipeg⁴) and different rural categories. These five (5) categories were established by Statistics Canada and reflect a standard rural definition. The categories are determined by the location of the rural areas in relation to the urban influence (UI) of larger centres. Table 1 names five rural categories and the related combinations of the 293 rural communities in Manitoba. Appendix A (page 11) names the rural communities in Manitoba for each rural category.

Table 1. Rural Community Types, 2006

| | Rural Categories (UI = Urban Influence) | | | | | | | |
|-------------------------------|---|--------------|----------------|------------|--------|-------|---------|------------|
| Rural Communities in Manitoba | Rural Centres | Strong UI | Moderate UI | Weak UI | No UI | Total | Pop. | % of MB |
| City | 3 | | 2 | 3 | | 8 | 108,260 | 21.3% |
| Town | | 3 | 15 | 25 | 10 | 53 | 78,570 | 15.5% |
| Village | | 1 | 6 | 3 | 9 | 19 | 8,655 | 1.7% |
| Rural Municipality | 12 | 8 | 34 | 49 | 15 | 118 | 243,965 | 48.1% |
| Local Government District | | | | 2 | | 2 | 1,585 | 0.3% |
| Northern Community | | | | 2 | 4 | 6 | 2,645 | 0.5% |
| Unorganized Territory | | | 1 | 4 | 5 | 10 | 8,840 | 1.7% |
| First Nation | 4 | | 9 | 18 | 46 | 77 | 54,749 | 10.8% |
| Total | 19 | 12 | 67 | 106 | 89 | 293 | | |
| Population (2006) | 133,895 | 46,220 | 117,490 | 165,404 | 44,260 | | 507,269 | 100% |
| % of Manitoba | 26.4% | 9.1% | 23.2% | 32.6% | 8.7% | | 100% | |

The method used for the third objective, related to exceptions, was quartile analysis. The communities are divided into four groups based on their individual growth in youth population (1996-2006). This research examined the exceptions, those with significantly above average growth in youth population and rural communities with significantly high declines in youth population. Both will have different implications to 4-H.

The method for the fourth objective required examining the results of the above analyses with regard to positive or negative impacts on 4-H in terms of membership, volunteer leaders and potential programs.

⁴ Winnipeg and Provincial trends are very similar, so Winnipeg is used since 4-H operates in specific locations

3.0 Youth in rural Manitoba

Youth in Manitoba are described in two different ways. In Figure 1, a total rural population trend is compared to Winnipeg's population trend and the total youth population trend. In Figure 2, the rural and Winnipeg populations are presented for the four age groups. The findings are presented under each figure, along with the implications to 4-H.

Figure 1 reveals that from 1996 to 2006, there was a slight increase in total population for rural Manitoba (19,095, 4%) and for Winnipeg (14,130, 2%). Against this backdrop of some population growth, the youth population decreased in rural areas (-7,200, -5%) and in Winnipeg (-9,000, -5%). Given these findings at the provincial level, one would expect 4-H rural membership to be dropping over the past decade. Such a trend would also be expected for youth organizations in Winnipeg as well. The downward trend does not necessarily mean that the percentage of youth who are 4-H members would be on the decline. One way to counteract this trend might be through new programs and capturing the interest of youth (and their parents); resulting in maintaining and even increasing the share of membership. Not disclosed in Figure 1 is if the decline is associated with one or more of the different age groups of youth.

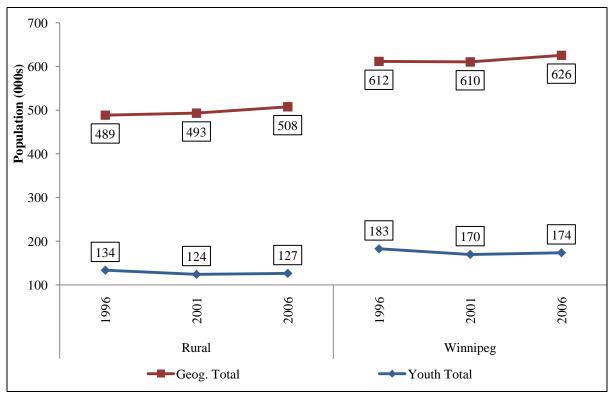
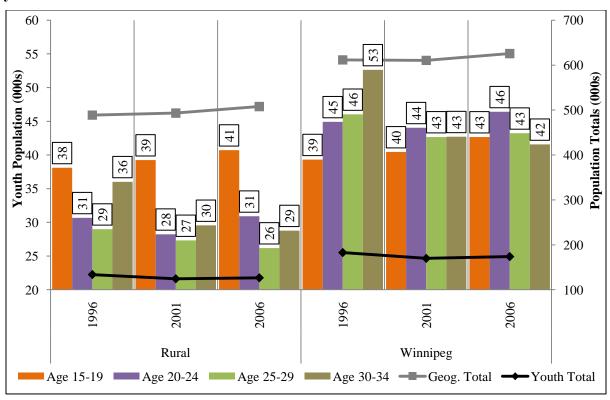


Figure 2. Population from 1996 to 2006 for rural Manitoba and Winnipeg

Figure 2 shows two different patterns of youth population change from 1996 to 2006. First, the age groups 15-19 and 20-24 grew in rural Manitoba (2,620, 7% and 225, 1% respectively), and a similar trend was evident in Winnipeg (3,365, 9% and 1,490, 3% respectively). The 15-19 groups grew the most. Second, the age groups of 25-29 and 30-34 both experienced decreases in rural areas (-2,800, -10% and -7,245, -20% respectively) and in Winnipeg (-2,800, -6% and -11,055, -21% respectively). The first age group, which is closest to the current membership of 4-H might be of particular interest. With the increase in the 15-19 age group in rural areas, this suggests that 4-H membership should be holding their own or even increasing. Yet the membership is reported as declining, suggesting other concerns may be affecting membership. This may include, for example, that the youth population is not evenly distributed across rural Manitoba, and so the active 4-H groups may be located in areas of uneven decline, outlined in more detail in Section 5. However, another possible explanation is that 4-H is actually losing popularity in this age group.

Figure 3. Population from 1996 to 2006 in rural areas and Winnipeg for four age groups of youth



4.0 Youth in five rural areas in Manitoba

The geographic distributions of youth in rural Manitoba are examined in this section. As in the previous section youth trends are examined in total (Figure 3) and in relation to the four age groups (Figure 4), again from 1996 to 2006.

<u>Figure 3</u> displays total population and total youth populations for each of the five categories of rural Manitoba. Four of five age categories have grown from 1996 to 2006, namely Rural Centres, the communities nearby (Strong UI, Moderate UI), and others at a far distance (No UI). The 106 rural areas with Weak UI have experienced a decrease in total population. For total youth population, there have been declines in all rural categories, with No UI communities as the exception reporting some growth (545 youth) among the 89 communities. As noted above, while total population growth is promising, the youth portion is stable or on the decline, and the exception is the most rural and remote communities where there is slight growth. This geographic analysis does not hold any easy answers for improving membership numbers of 4-H.

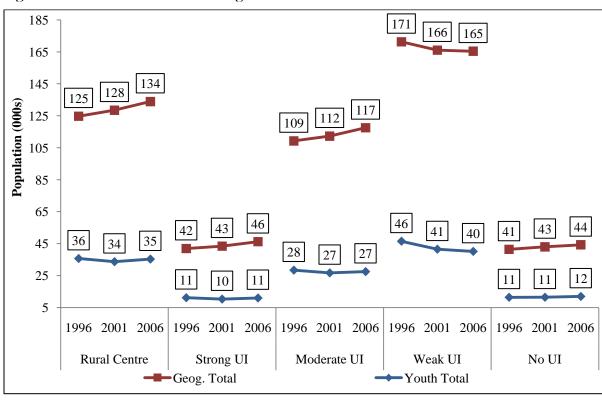


Figure 4. Youth trends in five categories of rural

<u>Figure 4</u> is a more complicated graph. It includes the data from Figure 3 in terms of youth and total populations for each of the five rural categories and adds the four age groups. The age groups are added to probe deeper and to better understand the various age groups of youth in each community grouping. What they reveal are different growth and decline trends among the four youth age groups.

- For the 19 Rural Centres, the first two age groups (15-19, 20-24) increased in youth population and the older age groups (25-29, 30-34) experienced decreases.
- For the 12 Strong (UI) rural communities, the 67 Moderate (UI) communities, and the 89
 No (UI communities, all repeat this pattern of growth and decline.
- For the 106 Weak (UI) communities, all age groups experienced declines from 1996-2006.

The growth pattern for the first two age groups suggest that membership in 4-H should be stable if not increasing in all but the more rural and remote communities.

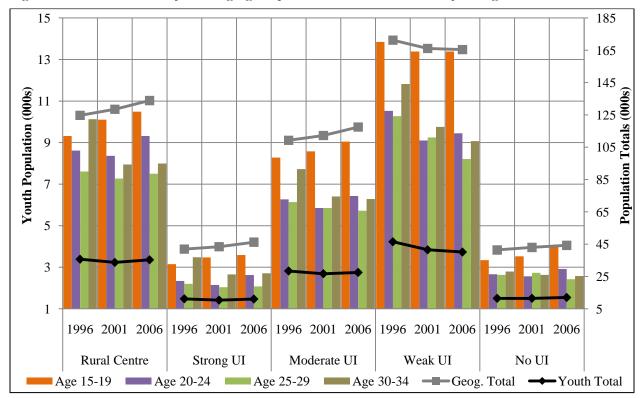


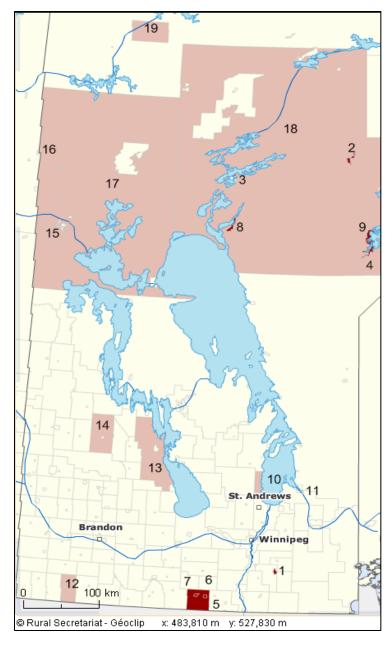
Figure 5. Four different youth age groups in five rural community categories

5.0 Exceptional rural communities for changes in youth population

This analysis identified rural communities with exceptional growth or decline of youth population (from 1996-2006) compared to all 293 rural communities in Manitoba. As noted in Figure 5, nine communities had exceptional growth in rural population, including Steinbach, Morden, the RM of Stanley, five First Nations, and Wasagamack. There are four rural communities south of Winnipeg and the northern communities are on the east side of the province. These rural communities could be showing exceptional growth in membership of 4-H. If these were centres of membership that had been declining, it might well suggest a reduced popularity in 4-H.

There were 10 communities with exceptional decline in youth population, including Dauphin, Flin Flon, Leaf Rapids, Powerview-Pine Falls, four RMs, and two Unorganized Territories. These communities are mostly west and north of Winnipeg, with the exception of the RM of Gimli and the town of Powerview-Pine Falls. These are communities that have experienced exceptional decline in their rural population and will likely present a challenge for continued recruiting efforts by 4-H.

Figure 6. Exceptional growth (dark red) and loss (light red) rural communities 1996-2006



Exceptional Growth (dark red)

- 1. Steinbach, City of
- 2. Oxford House, First Nation
- 3. Cross Lake, First Nation
- 4. St. Theresa Point, First Nation
- 5. RM of Stanley
- 6. Winkler, City of
- 7. Morden, Town of
- 8. Norway House, First Nation
- 9. Wasagamack Northern Community

Exceptional Decline (light red)

- 10. RM of Gimli
- 11. Powerview-Pine Falls, Town of
- 12. RM of Winchester
- 13. RM of Alonsa
- 14. Dauphin, City of
- 15. RM of Kelsey
- 16. Flin Flon, City of
- 17. Division No. 21, Unorganized Territory
- 18. Division No. 22, Unorganized Territory
- 19. Leaf Rapids, Town of

6.0 Conclusions

This report examined trends in youth population in Manitoba since they are the primary target for 4-H membership. While no specifics of the decline are reported, anecdotally reduced membership seems to be occurring throughout Manitoba. This research sheds light on the question: Has 4-H declining membership been reflected in rural populations of Manitoba?

The Rural Development Institute examined the trends related to the decade of 1996 to 2006 and youth in terms of 15 to 34, and four related age groups. Rural was defined first as all of Manitoba, less Winnipeg, then the 293 communities were subdivided into five categories, based on Statistics Canada definitions.

The data revealed that total youth population was declining about 5% across rural Manitoba and in Winnipeg. Yet the decline of youth occurred largely in the 25-34 age group, while youth aged 15-24 were growing, specifically around Rural Centres and Winnipeg. These findings suggest that 4-H membership should have been stable or even growing over the last decade.

A declining membership against a backdrop of an increasing youth population aged 15-24 suggests that the popularity of 4-H may be slipping among these youth and their parents, who encourage and support youth in 4-H. Confirming membership decline is one step to understanding the current affairs with membership trends. Another is to review and improve the effectiveness of recruiting approaches for youth. Reaching forward into less conventional territory, recruiting might aim toward a more urban (or rural centre) based membership.

With growing interest in environmental issues, urban forestry, urban agriculture, food security issues, and multi-culturalism, all these topics provide possible entry points to attract youth members. Due to the fact that youth overall are declining across Manitoba the Winnipeg based youth organizations may be experiencing the same membership issues as 4-H. Finally, another strategic option might be to collaborate with existing youth organizations and co-deliver programs and share recruiting efforts. Looking at trends over multiple years, the result of any new strategy will take multiple years to show effect, and likely it will take many different strategies in Manitoba and across Canada. At a minimum, membership concerns will likely remain a priority in 4-H in the near future.

Appendix A: Rural communities of Manitoba listed in relation to the five rural categories defined by Statistics Canada, 2006

| Rural Cen | Strong Urban | Influence | |
|---------------------|--------------|-------------|---------|
| Brandon | City | Cartier | RM |
| Portage la Prairie | City | Cornwallis | RM |
| Thompson | City | Macdonald | RM |
| Brokenhead | First Nation | Rockwood | RM |
| Dakota Plains A | First Nation | St. Andrews | RM |
| Dakota Tipi | First Nation | St. Laurent | RM |
| Long Plain (Part) | First Nation | Whitehead | RM |
| Brokenhead | RM | Woodlands | RM |
| East St. Paul | RM | Niverville | Town |
| Elton | RM | Stonewall | Town |
| Headingley | RM | Teulon | Town |
| Portage la Prairie | RM | Dunnottar | Village |
| Ritchot | RM | | |
| Rosser | RM | | |
| Springfield | RM | | |
| St. Clements | RM | | |
| St. François Xavier | RM | | |
| Taché | RM | | |
| West St. Paul | RM | | |

| Moderate Urban Influence | | Weak Urb | an Influence |
|------------------------------|--------------|--------------------------|---------------------------|
| Selkirk | City | Dauphin | City |
| Steinbach | City | Flin Flon (Part) | City |
| Black River | First Nation | Winkler | City |
| Crane River | First Nation | Cross Lake | First Nation |
| Fisher River | First Nation | Cross Lake E | First Nation |
| Little Saskatchewan | First Nation | Dog Creek | First Nation |
| Pine Creek A | First Nation | Ebb and Flow | First Nation |
| Shoal River Indian Reserve A | First Nation | Fairford (Part) | First Nation |
| Sioux Valley Dakota Nation | First Nation | Fisher River A | First Nation |
| Waterhen | First Nation | Fort Alexander | First Nation |
| Waywayseecappo First Nation | First Nation | Hole or Hollow Water | First Nation |
| Alexander | RM | Nelson House | First Nation |
| Armstrong | RM | Norway House | First Nation |
| Blanshard | RM | Opaskwayak Cree Nation E | First Nation |
| Clanwilliam | RM | Opaskwayak Cree Nation I | First Nation |
| Daly | RM | Peguis B | First Nation |
| De Salaberry | RM | Rolling River | First Nation |
| Dufferin | RM | Sandy Bay | First Nation |
| Eriksdale | RM | Split Lake (Part) | First Nation |
| Franklin | RM | Swan Lake | First Nation |
| Gimli (formerly RM & Town of | | Swall Lake | First Nation |
| Gimli) | RM | The Narrows | First Nation |
| Glenwood | RM | Mystery Lake | Local Government District |
| Grey | RM | Pinawa | Local Government District |
| Hamiota | RM | South Indian Lake | Northern Community |
| Hanover | RM | Wasagamack | Northern Community |
| La Broquerie | RM | Albert | RM |
| Lac du Bonnet | RM | Alonsa | RM |
| Lakeview | RM | Argyle | RM |
| Minto | RM | Arthur | RM |
| Morris | RM | Bifrost | RM |
| North Cypress | RM | Brenda | RM |
| North Norfolk | RM | Coldwell | RM |
| Oakland | RM | Dauphin | RM |
| Odanah | RM | Edward | RM |
| Piney | RM | Ellice | RM |
| Reynolds | RM | Ethelbert | RM |
| Riverside | RM | Fisher | RM |
| Saskatchewan | RM | Gilbert Plains | RM |
| Shoal Lake | RM | Grahamdale | RM |
| South Cypress | RM | Grandview | RM |
| South Norfolk | RM | Harrison | RM |
| Ste. Anne | RM | Hillsburg | RM |
| Stuartburn | RM | Kelsey | RM |
| Whitewater | RM | Langford | RM |
| Woodworth | RM | Lansdowne | RM |
| Beausejour | Town | Lorne | RM |
| Continued | 1 | | nued |
| | | | |

| Moderate Urban Influence, cont'd | | Weak Urban Influence, cont'd | | |
|----------------------------------|--------------------------|--|----------------|--|
| Carberry | Town | Louise | RM | |
| Carman | Town | Miniota | RM | |
| Emerson | Town | Minitonas | RM | |
| Erickson | Town | Montcalm | RM | |
| MacGregor | Town | Morton | RM | |
| Minnedosa | Town | Mountain (North) | RM | |
| Morris | Town | Mountain (South) | RM | |
| Rapid City | Town | Ochre River | RM | |
| Rivers | Town | Park (North) | RM | |
| Shoal Lake | Town | Park (South) | RM | |
| Souris | Town | Pembina | RM | |
| Ste. Anne | Town | Rhineland | RM | |
| Treherne | Town | Roland | RM | |
| Winnipeg Beach | Town | Rosedale | RM | |
| Division No. 1, Unorganized | Unorganized Territory | Russell | RM | |
| Glenboro | Village | Shell River | RM | |
| McCreary | Village | Sifton | RM | |
| St. Claude | Village | Siglunes | RM | |
| St-Pierre-Jolys | Village | Stanley | RM | |
| Wawanesa | Village | Ste. Rose | RM | |
| Winnipegosis | Village | Swan River | RM | |
| | | Thompson | RM | |
| | | Turtle Mountain (now amalgamated with Killarney) | RM | |
| | | Victoria | RM | |
| | | Wallace | RM | |
| | | Westbourne | RM | |
| | | Whitemouth | RM | |
| | | Winchester | RM | |
| | | Altona | Town | |
| | | Arborg | Town | |
| | | Boissevain | Town | |
| | | Churchill | Town | |
| | | Deloraine | Town | |
| | | Gilbert Plains | Town | |
| | | Gladstone | Town | |
| | | Grand Rapids | Town | |
| | | Killarney (now amalgamated with Turtle Mountain) | Town | |
| | | · · · · · · · · · · · · · · · · · · · | 1 | |
| | | Lac du Bonnet | Town | |
| | | Lac du Bonnet Leaf Rapids | Town Town | |
| | | | | |
| | | Leaf Rapids | Town | |
| | | Leaf Rapids Lynn Lake | Town Town | |
| | | Leaf Rapids Lynn Lake Manitou | Town Town Town | |

Continued...

| Weak Urban Influence, cont'd | | | | | | |
|------------------------------|-----------------------|--|--|--|--|--|
| Pilot Mound | Town | | | | | |
| Plum Coulee | Town | | | | | |
| Roblin | Town | | | | | |
| Russell | Town | | | | | |
| Snow Lake | Town | | | | | |
| Ste. Rose du Lac | Town | | | | | |
| Swan River | Town | | | | | |
| The Pas | Town | | | | | |
| Virden | Town | | | | | |
| Division No. 19, Unorganized | Unorganized Territory | | | | | |
| Division No. 21, Unorganized | Unorganized Territory | | | | | |
| Division No. 22, Unorganized | Unorganized Territory | | | | | |
| Division No. 23, Unorganized | Unorganized Territory | | | | | |
| Benito | Village | | | | | |
| Notre Dame de Lourdes | Village | | | | | |
| Somerset | Village | | | | | |

| No Urban Influence | | | | | | |
|---|--------------|--|--|--|--|--|
| Berens River | First Nation | | | | | |
| Birdtail Creek | First Nation | | | | | |
| Bloodvein | First Nation | | | | | |
| Brochet | First Nation | | | | | |
| Buffalo Point | First Nation | | | | | |
| Canupawakpa Dakota First Nation (Oak Lake) | First Nation | | | | | |
| Chemawawin | First Nation | | | | | |
| Churchill | First Nation | | | | | |
| Cross Lake A | First Nation | | | | | |
| Cross Lake B | First Nation | | | | | |
| Cross Lake C | First Nation | | | | | |
| Dauphin River A | First Nation | | | | | |
| Fairford (Part) | First Nation | | | | | |
| Fox Lake | First Nation | | | | | |
| Gambler (Part) | First Nation | | | | | |
| Garden Hill First Nation | First Nation | | | | | |
| God's Lake | First Nation | | | | | |
| God's River A | First Nation | | | | | |
| Grand Rapids | First Nation | | | | | |
| Highrock | First Nation | | | | | |
| Jackhead | First Nation | | | | | |
| Keeseekoowenin | First Nation | | | | | |
| Lac Brochet A | First Nation | | | | | |
| Little Grand Rapids | First Nation | | | | | |
| Long Plain (Part) | First Nation | | | | | |
| Moose Lake A | First Nation | | | | | |
| Nelson House A | First Nation | | | | | |
| Nelson House B | First Nation | | | | | |
| Continued | | | | | | |

| No UI, cont'd | | | | | | |
|--------------------------|--------------------|--|--|--|--|--|
| Nelson House C | First Nation | | | | | |
| Opaskwayak Cree Nation A | First Nation | | | | | |
| Opaskwayak Cree Nation B | First Nation | | | | | |
| Opaskwayak Cree Nation C | First Nation | | | | | |
| Oxford House | First Nation | | | | | |
| Pauingassi First Nation | First Nation | | | | | |
| Poplar River | First Nation | | | | | |
| Pukatawagan | First Nation | | | | | |
| Red Sucker Lake | First Nation | | | | | |
| Reed River 36A | First Nation | | | | | |
| Roseau Rapids A | First Nation | | | | | |
| Roseau River | First Nation | | | | | |
| Shamattawa | First Nation | | | | | |
| Shoal Lake (Part) 39A | First Nation | | | | | |
| Shoal Lake (Part) 40 | First Nation | | | | | |
| St. Theresa Point | First Nation | | | | | |
| Swan Lake C | First Nation | | | | | |
| Valley River A | First Nation | | | | | |
| Gillam | Northern Community | | | | | |
| Granville Lake | Northern Community | | | | | |
| Ilford | Northern Community | | | | | |
| York Landing | Northern Community | | | | | |
| Archie | RM | | | | | |
| Birtle | RM | | | | | |
| Cameron | RM | | | | | |
| Glenella | RM | | | | | |
| Lawrence | RM | | | | | |
| McCreary | RM | | | | | |
| Mossey River | RM | | | | | |
| Pipestone | RM | | | | | |
| Roblin | RM | | | | | |
| Rossburn | RM | | | | | |
| Shellmouth-Boulton | RM | | | | | |
| Silver Creek | RM | | | | | |
| Strathclair | RM | | | | | |
| Strathcona | RM | | | | | |
| Victoria Beach | RM | | | | | |
| Birtle | Town | | | | | |
| Gillam | Town | | | | | |
| Grandview | Town | | | | | |
| Gretna | Town | | | | | |
| Hamiota | Town | | | | | |
| Hartney | Town | | | | | |
| Melita | Town | | | | | |
| Minitonas | Town | | | | | |
| Powerview-Pine Falls | Town | | | | | |
| Continued | | | | | | |
| Continucu | | | | | | |

| No UI, cont'd | | | | | | |
|--|-----------------------|--|--|--|--|--|
| Rossburn | Town | | | | | |
| Division No. 17, Unorganized | Unorganized Territory | | | | | |
| Division No. 18, Unorganized, East Part | Unorganized Territory | | | | | |
| Division No. 18, Unorganized, West Part | Unorganized Territory | | | | | |
| Division No. 20, Unorganized, North Part | Unorganized Territory | | | | | |
| Division No. 20, Unorganized, South Part | Unorganized Territory | | | | | |
| Binscarth | Village | | | | | |
| Bowsman | Village | | | | | |
| Cartwright | Village | | | | | |
| Crystal City | Village | | | | | |
| Elkhorn | Village | | | | | |
| Ethelbert | Village | | | | | |
| Riverton | Village | | | | | |
| St-Lazare St-Lazare | Village | | | | | |
| Waskada | Village | | | | | |

Appendix B: Data for Figures 1 & 2; Population from 1996 to 2006: Manitoba, Rural, Winnipeg

| Rural Geography | Year | Geog. Total | Youth Total | Age 15-19 | Age 20-24 | Age 25-29 | Age 30-34 |
|-----------------|---------|-------------|-------------|-----------|-----------|-----------|-----------|
| | 1996 | 1,100,290 | 316,675 | 77,405 | 75,600 | 75,015 | 88,655 |
| Manitoba | 2001 | 1,103,700 | 294,220 | 79,700 | 72,275 | 69,990 | 72,255 |
| Maintoba | 2006 | 1,133,515 | 300,475 | 83,390 | 77,315 | 69,415 | 70,355 |
| | '96-'06 | 33,225 | -16,200 | 5,985 | 1,715 | -5,600 | -18,300 |
| | 1996 | 488,720 | 133,790 | 38,100 | 30,680 | 28,990 | 36,020 |
| Rural | 2001 | 493,250 | 124,345 | 39,250 | 28,235 | 27,315 | 29,545 |
| Kurai | 2006 | 507,815 | 126,590 | 40,720 | 30,905 | 26,190 | 28,775 |
| | '96-'06 | 19,095 | -7,200 | 2,620 | 225 | -2,800 | -7,245 |
| | 1996 | 611,570 | 182,885 | 39,305 | 44,920 | 46,025 | 52,635 |
| Winnipeg | 2001 | 610,450 | 169,875 | 40,450 | 44,040 | 42,675 | 42,710 |
| vvininpeg | 2006 | 625,700 | 173,885 | 42,670 | 46,410 | 43,225 | 41,580 |
| | '96-'06 | 14,130 | -9,000 | 3,365 | 1,490 | -2,800 | -11,055 |

Appendix C: Population data for Figures 3 & 4 from 1996 to 2006 using rural geography and youth age categories.

| | | | | | Youth age | categories | |
|-----------------|---------|-------------|-------------|-----------|-----------|------------|-----------|
| Rural Geography | Year | Geog. Total | Youth Total | Age 15-19 | Age 20-24 | Age 25-29 | Age 30-34 |
| | 1996 | 124,735 | 35,670 | 9,320 | 8,615 | 7,610 | 10,125 |
| Rural Centre | 2001 | 128,480 | 33,685 | 10,100 | 8,365 | 7,270 | 7,950 |
| Rurai Centre | 2006 | 133,895 | 35,300 | 10,490 | 9,320 | 7,500 | 7,990 |
| | '96-'06 | 9,160 | -370 | 1,170 | 705 | -110 | -2,135 |
| | 1996 | 41,915 | 11,165 | 3,150 | 2,335 | 2,200 | 3,480 |
| Stuana III | 2001 | 43,400 | 10,310 | 3,470 | 2,150 | 2,035 | 2,655 |
| Strong UI | 2006 | 46,220 | 10,995 | 3,585 | 2,625 | 2,075 | 2,710 |
| | '96-'06 | 4,305 | -170 | 435 | 290 | -125 | -770 |
| | 1996 | 109,265 | 28,400 | 8,275 | 6,265 | 6,135 | 7,725 |
| Moderate UI | 2001 | 112,255 | 26,690 | 8,580 | 5,850 | 5,855 | 6,405 |
| Moderate O1 | 2006 | 117,490 | 27,485 | 9,050 | 6,430 | 5,720 | 6,285 |
| | '96-'06 | 8,225 | -915 | 775 | 165 | -415 | -1,440 |
| | 1996 | 171,255 | 46,470 | 13,850 | 10,530 | 10,270 | 11,820 |
| Weak UI | 2001 | 166,100 | 41,495 | 13,385 | 9,105 | 9,245 | 9,760 |
| vveak U1 | 2006 | 165,404 | 40,110 | 13,385 | 9,445 | 8,205 | 9,075 |
| | '96-'06 | -5,851 | -6,360 | -465 | -1,085 | -2,065 | -2,745 |
| | 1996 | 41,390 | 11,420 | 3,340 | 2,660 | 2,630 | 2,790 |
| No III | 2001 | 42,975 | 11,450 | 3,525 | 2,565 | 2,730 | 2,630 |
| No UI | 2006 | 44,260 | 11,965 | 4,045 | 2,920 | 2,420 | 2,580 |
| | '96-'06 | 2,870 | 545 | 705 | 260 | -210 | -210 |

Appendix D: Data for Figure 5 for exceptional growth and decline communities.

| | Map | Rural Community | UI Code |
|---------------------|-----|--|-------------|
| | 1 | Steinbach, City of | Moderate UI |
| th | 2 | Oxford House, First Nation | No UI |
| growth | 3 | Cross Lake A, First Nation | No UI |
| gr | 4 | St. Theresa Point, First Nation | No UI |
| Exceptional | 5 | Rural Municipality of Stanley | Weak UI |
| ptic | 6 | Winkler, City of | Weak UI |
| xce | 7 | Morden, Town of | Weak UI |
| 至 | 8 | Norway House, First Nation | Weak UI |
| | 9 | Wasagamack Northern Community | Weak UI |
| | 10 | Rural Municipality of Gimli | Moderate UI |
| | 11 | Powerview-Pine Falls, Town of | No UI |
| ine | 12 | Rural Municipality of Winchester | Weak UI |
| lecl | 13 | Rural Municipality of Alonsa | Weak UI |
| alc | 14 | Dauphin, City of | Weak UI |
| ion | 15 | Rural Municipality of Kelsey | Weak UI |
| Exceptional decline | 16 | Flin Flon (Part), City of | Weak UI |
| Exc | 17 | Division No. 21, Unorganized Territory | Weak UI |
| | 18 | Division No. 22, Unorganized Territory | Weak UI |
| | 19 | Leaf Rapids, Town of | Weak UI |