

Birtle Transmission Project

Appendix E

Socioeconomic Information

Prepared by Manitoba Hydro

Transmission Planning & Design Division
Licensing & Environmental Assessment
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Prepared for:
Environmental Approvals Branch

B-1: Manitoba Health Population Statistics

Current Census Subdivision	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2006 to 2016 Change (%)
Manitoba	1,178,457	1,186,386	1,198,981	1,214,403	1,230,270	1,250,484	1,271,388	1,289,268	1,306,309	1,320,343	1,339,308	13.6

Region

RM of Ellice- Archie	1,052	1,022	1,008	969	970	976	970	925	906	894	875	-16.8
RM of Prairie View	2,423	2,353	2,323	2,291	2,266	2,274	2,311	2,310	2,287	2,296	2,234	-7.8
RM of Russell- Binscarth	2,650	2,664	2,684	2,648	2,703	2,732	2,769	2,777	2,881	2,905	2,940	10.9

Region

Total RAA	6,125	6,039	6,015	5,908	5,939	5,982	6,050	6,012	6,074	6,095	6,049	-1.2
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Notes:

Source: (Manitoba Health, Healthy Living and Seniors, 2016) (Manitoba Health, Healthy Living and Seniors, 2010)

B-2: Labour Force Activity in the Region in 2006 and 2011

Current Census Subdivision	Past Census Subdivision	Year	Total Population Aged 15+ In the Labour Force	Participation Rate (%)	Employment Rate (%)	Unemployment Rate ⁵ (%)
Manitoba		2011	946,945	67.3	63.1	6.2
		2006	908,450	67.3	63.6	5.5
Region						
RM of Ellice-Archie ¹	RM of Ellice	2011	..	..	..	..
		2006	295	69.5	67.8	4.9
	RM of Archie	2011	180	65.5	63.6	0.0
		2006	290	82.8	81.0	0.0
	Village of St. Lazare	2011	155	64.5	67.7	0.0
		2006	220	68.2	63.6	6.7
RM of Prairie View ²	RM of Birtle	2011	..	..	..	..
		2006	550	72.7	72.7	0.0
	RM of Miniota	2011	625	65.6	63.2	0.0
		2006	745	73.8	73.8	0.0
	Town of Birtle	2011	475	63.2	61.1	0.0
		2006	510	66.7	65.7	2.9
RM of Russell-Binscarth ³	RM of Russell	2011	450	77.8	73.3	0.0
		2006	565	71.7	71.7	0.0
	Town of Russell	2011	765	56.9	55.0	3.3
		2006	1,150	56.1	51.7	7.8
	Village of Binscarth	2011	355	54.9	54.9	0.0
		2006	345	58.0	58.0	5.0
Region Total						
Region Total ⁴		2011	3,005	64.1	62.7	0.5
		2006	4,670	68.8	67.3	3.0

Notes:

Due to data suppression all totals (percentage) may not add to 100%

.. National Household Survey (NHS) data are not available for this area

¹ The RM of Ellice, RM of Archie and Village of St. Lazare amalgamated January 1, 2015 to form the RM of Ellice-Archie

² The RM of Birtle, RM of Miniota and the Town of Birtle amalgamated January 1, 2015 to form the RM of Prairie View

³ The RM of Russell, Town of Russell and Village of Binscarth amalgamated January 1, 2015 to form the RM of Russell-Binscarth

⁴ Due to data not available during 2011 Census years, total RAA population fluctuates with available data

⁵ Unemployment rate of 0.0% may have been due to a possible data errors with Statistics Canada data

B-3: Percent Labour Force by Occupation

Current Census Subdivision	Past Census Subdivision	Year	All Occupations (Total)	Management	Business, Finance and Administration	Natural and Applied Science and Related Occupations	Health Occupations	Education, Law and Social, Community and Government Services	Art, Culture, Recreation and Sport	Sales and Service	Trades, Transport and Equipment Operators	Natural Resources, Agriculture and Related Production	Manufacturing and Utilities
Manitoba		2011	625,810	11	16	5	7	13	2	23	15	3	5
		2006	602,150	9	17	5	7	9	2	25	15	6	5

Region													
RM of Ellice-Archie ¹	RM of Ellice	2011	..	..	..	..	..	..	..	..	..	..	..
		2006	205	5	12	0	7	0	5	17	27	29	0
	RM of Archie	2011	175	53	8	0	0	0	0	6	8	11	0
		2006	240	4	9	0	0	9	4	17	4	51	0
	Village of St. Lazare	2011	105	0	25	0	0	0	0	25	15	0	0
		2006	145	0	0	0	7	0	0	38	28	17	14
RM of Prairie View ²	RM of Birtle	2011	..	..	..	..	..	..	..	..	..	..	..
		2006	400	7	11	4	0	4	2	11	17	43	0
	RM of Miniota	2011	410	27	11	0	0	5	0	12	12	21	0
		2006	550	2	13	2	5	3	2	14	18	41	2
	Town of Birtle	2011	300	12	10	0	7	23	0	22	18	7	0
		2006	340	3	24	0	9	16	0	13	10	21	3
RM of Russell-Binscarth ³	RM of Russell	2011	350	21	9	0	9	0	0	26	6	16	6
		2006	405	5	10	0	9	6	0	23	20	24	3
	Town of Russell	2011	765	10	6	5	7	12	0	31	15	7	5
		2006	640	8	8	2	13	9	2	32	14	9	2
	Village of Binscarth	2011	195	15	0	0	0	13	0	20	18	15	0
		2006	200	5	18	10	5	0	0	30	18	13	0
Total Region													
Region Total (%)		2011	2,300	20	10	1	3	8	0	20	13	11	2
		2006	3,125	4	12	2	6	5	2	22	17	28	3

Notes:

Due to data suppression all totals (percentage) may not add to 100%

.. National Household Survey (NHS) data are not available for this area

¹ The RM of Ellice, RM of Archie and Village of St. Lazare amalgamated January 1, 2015 to form the RM of Ellice-Archie

² The RM of Birtle, RM of Miniota and the Town of Birtle amalgamated January 1, 2015 to form the RM of Prairie View

³ The RM of Russell, Town of Russell and Village of Binscarth amalgamated January 1, 2015 to form the RM of Russell-Binscarth

B-4: Farm Type by Rural Municipality

Agricultural Capability Class	Ellice-Archie		Prairie View		Russell- Binscarth	
	Number	Percent	Number	Percent	Number	Percent
Total Number of Farms	114	100	239	100	81	100
Oilseed and Grain Farming	49	43.0	125	52.3	40	49.4
Other Crop Farming	8	7.0	21	8.8	8	9.9
Total Farms in Crops	57	50.0	146	61.1	48	59.3
Cattle Ranching and Farming	41	36.0	72	30.1	24	29.6
Hog and Pig Farming	1	0.9	2	0.8	0	0.0
Other Livestock Farming	15	13.2	19	7.9	9	11.1
Total Livestock Farms	57	50.0	93	38.9	33	40.7

Source: Statistics Canada Census of Agriculture 2016

B-5: Farm Crop Data in the region

Farm Crop Data	RM			
	Ellice - Archie	Prairie View	Russell - Binscarth	Total
Total Number of Crop Farms	57	146	48	251
Oilseed and Grain Farming	49	125	40	214
Vegetable and Melon Farming	0	0	0	0
Fruit and tree nut farming	0	0	0	0
Greenhouse, nursery and floriculture	0	1	0	1
Other crop farming	8	20	8	36

Source: (Statistics Canada, 2016a Table 004-200).

B-6: Crop Data From Annual Crop Survey

	Ellice-Archie		Prairie View		Russel-Binscarth	
Land Use Class	Area (ha)	Percent	Area (ha)	Percent	Percent	Area (ha)
Water	632	1	2700	2	1349	2
Exposed Land and Barren	10	0	19	0	49	0
Urban and Developed	1717	1	3969	2	1649	3
Shrubland	2493	2	728	0	429	1
Wetland	1381	1	6692	4	1532	3
Grassland	14535	13	18454	11	6496	11
Pasture and Forages	31223	27	22276	13	6199	11
Too Wet to be Seeded	76	0	171	0	38	0
Fallow	167	0	278	0	14	0
Barley	845	1	1877	1	681	1
Oats	247	0	661	0	283	0
Rye	71	0	156	0	0	0
Triticale	0	0	136	0	0	0
Winter Wheat	1071	1	149	0	0	0
Spring Wheat	16316	14	40020	23	13436	23
Corn	485	0	931	1	49	0
Canola and Rapeseed	19581	17	45954	26	15660	27
Flaxseed	335	0	915	1	35	0
Sunflower	0	0	1	0	0	0
Soybeans	816	1	3857	2	4	0
Peas	1110	1	2304	1	664	1
Beans	0	0	2	0	6	0
Lentils	7	0	543	0	0	0
Potatoes	0	0	3	0	0	0
Buckwheat	0	0	2	0	0	0
Hemp	73	0	128	0	49	0
Coniferous	2	0	3	0	5	0
Broadleaf	22797	20	21218	12	9525	16
Mixedwood	2	0	6	0	9	0
TOTAL	115991	100	174153	100	58160	100

*Source - Annual Crop Survey 2016 AAFC.

B-7: Crop Data From Census of Agriculture

Crop Data	Ellice - Archie		Prairie View		Russell - Binscarth	
	Area (acres)	Number of Farms	Area (acres)	Number of Farms	Area (acres)	Number of Farms
Total Wheat	30342	48	74015	123	29155	37
Oats	4761	30	6696	51	1442	17
Barley	3083	13	10745	50	408	6
Mixed Grains	x	2	204	4	0	0
Total Corn	1495	9	3586	22	865	7
Total Rye	x	2	x	2	x	1
Canola (Rapeseed)	38269	49	87034	132	32784	42
Soybeans	1335	4	9612	35	x	2
Flaxseed	1420	7	2800	14	x	1
Dry Field Peas	4114	14	6365	20	x	3
Chick Peas	0	0	0	0	0	0
Lentils	0	0	x	5	0	0
Dry White Beans	0	0	x	1	0	0
Other Dry Beans	x	1	x	1	0	0
Alfalfa and alfalfa mixtures	13078	56	18542	108	6510	34
All other tame hay and fodder crops	4753	16	10189	59	2364	23
Forage seed for seed	x	1	x	1	0	0
Potatoes	0	0	0	0	0	0
Mustard seed	x	2	0	0	0	0
Sunflowers	0	0	x	1	x	1
Canary seed	0	0	0	0	0	0
Ginseng	0	0	0	0	0	0
Buckwheat	0	0	0	0	0	0
Sugar beets	0	0	0	0	0	0
Triticale	x	1	x	2	0	0
Other field crops	x	2	x	1	0	0

Source: Statistics Canada Census of Agriculture 2016.

B-8: Crop Yield 2016

Crop Type ¹	RM of Ellice-Archie			RM of Prairie View			RM of Russell-Binscarth		
	Farms	Acres	Yield (Metric Tonnes)	Farms	Acres	Yield (Metric Tonnes)	Farms	Acres	Yield (Metric Tonnes)
Alfalfa	19	2,900	7,653	36	3,491	6437	9	523	943
Alfalfa / Grass Mix	36	4,667	7302	116	10,315	18,519	13	1,001	1,178
Argentine Canola	70	25,696	23,942	256	84,112	76,949	67	20,489	19,884
Barley	4	704	843	35	5,277	7,048	6	842	919
Feed Wheat	*	*	*	13	6,275	11,853	*	*	*
Field Peas	10	1,840	1,708	24	5,245	4,105	*	*	*
Flax	4	579	340	7	1,401	876	*	*	*
Grasses	8	604	118	19	1,359	2,158	*	*	*
Greenfeed	5	560	1,127	6	558	1,088	*	*	*
Oats	10	1,576	2,027	21	2,478	3,654	6	923	1,457
Prairie Spring Wheat	x	x	x	7	2,387	4,101	x	x	x
Red Spring Wheat	53	20,121	28,311	168	62,867	81,357	44	16,423	22,852
Silage Corn	*	*	*	3	840	8,568	*	*	*
Soybeans	*	*	*	31	5,770	13,639	*	*	*

Notes:

* Below minimum tolerance of 500 Acres or 3 Farms per variety

^x Crop not grown in Rural Municipality

¹ Fababeans, fall rye, forage establishment, grain corn, hemp grain, lentils, mixed grain,

Source: (MASC, 2016a)

B-9: Crop Value				
Crop Type ¹	RM of Ellice-Archie	RM of Prairie View	RM of Russell-Binscarth	Total
Alfalfa	\$1,117,338	\$939,802	\$137,678	\$2,194,818
Alfalfa/Grass Mix	\$883,542	\$2,240,799	\$142,538	\$3,266,879
Argentine Canola	\$11,492,160	\$36,935,520	\$9,544,320	\$57,972,000
Barley	\$160,170	\$1,339,120	\$174,610	\$1,673,900
Feed Wheat	*	\$2,192,805	*	\$2,192,805
Field Peas	\$478,240	\$1,149,400	*	\$1,627,640
Flax	\$166,600	\$429,240	*	\$595,840
Grasses	\$12,154	\$222,274	*	\$234,428
Greenfeed	\$104,811	\$101,184	*	\$205,995
Oats	\$374,995	\$675,990	\$269,545	\$1,320,530
Prairie Spring Wheat	x	\$779,190	x	\$779,190
Red Spring Wheat	\$6,511,530	\$18,712,110	\$5,255,960	\$30,479,600
Silage Corn	*	\$402,696	*	\$402,696
Soybeans	*	\$4,910,040	*	\$4,910,040
Notes:				
* Below minimum tolerance of 500 Acres or 3 Farms per variety				
x Crop not grown in the Rural Municipality				
¹ Fababeans, fall rye, forage establishment, grain corn, hemp grain, lentils, mixed grain, mustard, oil sunflowers, organic oats, organic r.s. wheat, ped. Timothy seed, sweet clover, triticale and winter wheat are also grown in the region in quantities below the minimum tolerance of 500 acres or 3 farms per variety and are not reported in this table.				
Source: (MASC, 2016b)				

