

# 2017 Residential Energy Use Survey

Weighted Population  
& Saturation Results



Market Forecast and Load Research  
January 2019



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## INTRODUCTION

The Market Forecast and Load Research Department regularly conducts a large scale mail-out survey to determine the most current energy use characteristics of Manitoba Hydro's residential customers. In November 2017, the 2017 Residential Energy Use Survey was mailed to a total of 35,372 residential rate customers. The 20-page survey collected detailed information from residential customers regarding their dwelling characteristics, heating and cooling systems, end use appliance saturations, energy use behavior, residential program participation rates, as well as certain pieces of demographic information as they relate to energy use.

The main objective of collecting survey data is to incorporate the findings into the annual Manitoba Hydro Load Forecast. The information collected also serves as a basis in designing programs and services to assist customers. The survey results are also used to meet the information needs of other areas throughout the corporation regarding the residential sector.

## SURVEY METHODOLOGY

The main survey design objectives and procedures taken to implement the 2017 Residential Energy Use Survey are presented in the following sections.

### 2.01 Sample Design Objectives

The main objective of the sample design was to ensure a sufficient number of completed surveys were returned for analysis of key categories such as dwelling type, fuel area location, and heating fuel source.

### 2.02 Sample Selection

As of November 1, 2017, there were a total of 484,811 premises under the residential rate class. From this group, 15,375 surveys were mailed to residential customers residing on First Nation reserve land in order to increase the representation of this customer segment within the analysis. 19,997 surveys were mailed to residential customers not residing on First Nation reserve land and were selected using a random generation process. Survey packages were mailed in November 2017 and included the 20-page questionnaire booklet and a stamped self-addressed return envelope. No incentive was given to complete the survey and no attempt was made to contact non-respondents.

The 484,811 dwellings correspond to 487,378 total Residential billing customers that existed during that month. The difference of 2,567 is due to dwellings with two or more Residential services.

### 2.03 Survey Returns

In total 35,372 residential customers were reached and 4,320 surveys were completed and returned. A survey response rate of 12.3% was achieved. The overall survey results are accurate within 1.48%, 19 times out of 20.

Of the 19,997 residential customers reached who were not residing on First Nation reserve land, 3,799 surveys were completed and returned. A survey response rate of 19.1% was achieved. The overall survey results are accurate within 1.58%, 19 times out of 20.

Of the 15,375 residential customers reached who were residing on First Nation reserve land, 521 surveys were completed and returned. A survey response rate of 3.4% was achieved. The overall survey results are accurate within 4.23%, 19 times out of 20.

## 2.04 Weightings

Each response was assigned a weighting factor. The weighting variables are part of every residential customer record. Weights are calculated using the ratio between the population cells and the number of returned records in that case. Survey responses were weighted back to the electric population base of 484,811 and the natural gas population base of 249,938, as recorded in Banner, Manitoba Hydro's billing system. Weighting criteria used was as follows:

**Billing Class:**

1. Electric Heat with no natural gas service.
2. Electric Heat with natural gas service.
3. Standard Heat with natural gas service.
4. Standard Heat with no natural gas service.

**Dwelling Type:**

1. Single Detached
2. Individual Multi Detached
3. Shared Service Multi Attached
4. Town/Row House
5. Mobile Home
6. Apartment Suite

**Fuel Area:**

1. Winnipeg City (Natural Gas Available)
2. Manitoba Hydro Natural Gas Available (excluding Winnipeg City)
3. Manitoba Hydro No Natural Gas Available (Northern Area included)

**On Reserve:**

1. Reside on First Nation reserve land.
2. Do not reside on First Nation reserve land.

## 2.05 Survey Results

The survey results provide up-to-date profiles of Manitoba Hydro's residential customers. The discussion of survey results follows the order of the sections in the questionnaire booklet (Appendix). In addition to overall saturations, all results in this report are summarized in table form and are cross-tabulated by eleven major groupings. These groups are:

1. Fuel Area - There are three service areas especially defined for the analysis of results. The areas are Winnipeg City, Manitoba Hydro Natural Gas Available, and Manitoba Hydro No Gas Available (Northern Manitoba areas included).

2. Dwelling Type - These are the three key residential dwelling types used for load forecasting and marketing purposes: single detached dwellings, multi-family attached (duplexes, town and row houses); and individually metered apartment suites. Survey results were used to correct Banner billing data as well as Banner billing data was used to fill in any missing responses pertaining to dwelling type.

3. Building Code Era - This refers to the periods when significant dwelling construction codes were introduced. Available tax assessment data was used to verify responses and to fill in any missing responses pertaining to year built.

4. Space Heating Fuel - The heating fuel categories are Electric Heat, Natural Gas Heat, Other Fuel and Shared (No Heat on Bill). “Other” includes fuels such as propane, oil, coal and wood. “Shared” refers to customers that do not pay Manitoba Hydro directly for any heating fuel consumption.

The Banner billing system classifies residential customers as All-Electric and Standard (non-electric heat) based on the application of the Provincial Reduced Revenue Tax Code. To be classified as All-Electric, the customer must reside in a dwelling unit where the permanently installed electric heating system is capable of heating 80% or more of the dwelling space. All other customers are classified as Standard.

5. People Per Household - Based on how respondents answered the number of people per household question, their answers were grouped into five categories of either one, two, three, four or five plus people.

6. Annual Household Income - Based on how respondents answered the household income question, their answers were grouped into five categories: \$25,000, \$25-49,999, \$50-74,999, \$75-99,999 or \$100,000 plus.

7. Winnipeg LICO-125 Class - Customers were also classified using Statistics Canada’s Low Income Cut-Off (LICO) definitions but only using the person and income combination for centers of 500,000 or more and applying the criteria province-wide. This resulted in a weighted population of 159,987 Winnipeg LICO-125 customers. The chart below was used to classify customers into the Winnipeg Low Income Cut-Off Plus 25% (LICO-125) and Non-LICO-125 groups.

<b>NUMBER OF PERSONS PER HOUSEHOLD</b>	<b>ANNUAL HOUSEHOLD INCOME</b>
<b>1 PERSON</b>	<b>\$31,186</b>
<b>2 PERSONS</b>	<b>\$38,826</b>
<b>3 PERSONS</b>	<b>\$47,731</b>
<b>4 PERSONS</b>	<b>\$57,952</b>
<b>5 PERSONS</b>	<b>\$65,729</b>
<b>6 PERSONS</b>	<b>\$74,130</b>
<b>7 OR MORE PERSONS</b>	<b>\$82,534</b>

8. Indigenous Self-Declared Ancestry - Based on how respondents answered the question pertaining to Indigenous ancestry, their answers were grouped into three categories of “Yes”, “No”, and “Undeclared”.

9. First Nation On Reserve – Based on if the respondents reside on First Nation reserve land and have provided Manitoba Hydro with a Band Treaty Number.

10. Bill Payment Rating – Based on historical payment experience. The answers were grouped into three categories of “Excellent”, “Satisfactory”, or “Poor”.

11. Dwelling Ownership - Based on how respondents answered the question pertaining to dwelling ownership, their answers were grouped into two categories of “Owners” and “Renters”.

# **SECTION 1**

## **DWELLING**

### **CHARACTERISTICS**

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.01  
NATURAL GAS AVAILABLE AREAS**

	TOTAL	WINNIPEG CITY	%	GAS AVAILABLE	%	NO GAS AVAILABLE	%
<b>OVERALL</b>	484,811	261,760	54.0%	140,021	28.9%	83,030	17.1%
<b>FUEL AREA</b>							
Winnipeg City	261,760	261,760	100.0%	0	0.0%	0	0.0%
Gas Available	140,021	0	0.0%	140,021	100.0%	0	0.0%
No Gas Available	83,030	0	0.0%	0	0.0%	83,030	100.0%
<b>DWELLING TYPE</b>							
Single Detached	373,568	173,728	46.5%	120,943	32.4%	78,897	21.1%
Multi Attached	46,834	32,869	70.2%	11,038	23.6%	2,927	6.2%
Apartment Suite	64,409	55,163	85.6%	8,040	12.5%	1,206	1.9%
<b>BUILDING CODE ERA</b>							
2010-2017	37,645	16,471	43.8%	15,910	42.3%	5,265	14.0%
1990-2009	89,181	33,079	37.1%	34,039	38.2%	22,063	24.7%
1970-1989	161,749	86,548	53.5%	48,720	30.1%	26,481	16.4%
1950-1969	110,314	72,197	65.4%	22,595	20.5%	15,523	14.1%
Pre 1950	85,922	53,466	62.2%	18,757	21.8%	13,699	15.9%
<b>SPACE HEAT FUEL</b>							
Electric Heat	191,639	40,915	21.4%	72,952	38.1%	77,772	40.6%
Natural Gas Heat	249,938	187,891	75.2%	62,047	24.8%	0	0.0%
Other Fuel	6,945	530	7.6%	2,123	30.6%	4,292	61.8%
Shared (No Heat on Bill)	36,289	32,424	89.3%	2,899	8.0%	966	2.7%
<b>PEOPLE PER HOUSEHOLD</b>							
One	124,779	74,051	59.3%	30,909	24.8%	19,819	15.9%
Two	221,729	109,356	49.3%	71,935	32.4%	40,438	18.2%
Three	60,069	36,643	61.0%	15,303	25.5%	8,123	13.5%
Four	48,897	28,445	58.2%	13,224	27.0%	7,228	14.8%
Five +	29,337	13,265	45.2%	8,649	29.5%	7,422	25.3%
<b>HOUSEHOLD INCOME</b>							
Less Than \$25,000	59,481	23,913	40.2%	17,367	29.2%	18,201	30.6%
\$25,000 - \$49,999	137,082	71,825	52.4%	38,590	28.2%	26,667	19.5%
\$50,000 - \$74,999	123,824	67,658	54.6%	37,608	30.4%	18,558	15.0%
\$75,000 - \$99,999	66,780	35,872	53.7%	20,559	30.8%	10,349	15.5%
\$100,000 +	97,644	62,492	64.0%	25,898	26.5%	9,254	9.5%
<b>WINNIPEG LICO-125 CLASS</b>							
Yes	158,987	73,323	46.1%	45,966	28.9%	39,698	25.0%
No	325,824	188,437	57.8%	94,055	28.9%	43,332	13.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>							
Yes	51,429	17,121	33.3%	9,840	19.1%	24,468	47.6%
No	409,630	231,125	56.4%	123,161	30.1%	55,344	13.5%
Undeclared	23,751	13,514	56.9%	7,020	29.6%	3,218	13.5%
<b>FIRST NATION ON RESERVE</b>							
FIRST NATION ON RESERVE	15,456	0	0.0%	0	0.0%	15,456	100.0%
<b>BILL PAYMENT RATING</b>							
Excellent	439,339	242,708	55.2%	129,289	29.4%	67,341	15.3%
Satisfactory	22,395	10,327	46.1%	6,000	26.8%	6,068	27.1%
Poor	23,077	8,725	37.8%	4,731	20.5%	9,621	41.7%
<b>DWELLING OWNERSHIP</b>							
Own	404,316	211,319	52.3%	125,557	31.1%	67,440	16.7%
Rent / Other	80,495	50,441	62.7%	14,464	18.0%	15,590	19.4%

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.02  
DWELLING TYPES**

	SINGLE		MULTI		APARTMENT		
	TOTAL	DETACHED	%	ATTACHED	%	SUITE	%
<b>OVERALL</b>	<b>484,811</b>	<b>373,568</b>	<b>77.1%</b>	<b>46,834</b>	<b>9.7%</b>	<b>64,409</b>	<b>13.3%</b>
<b>FUEL AREA</b>							
Winnipeg City	261,760	173,728	66.4%	32,869	12.6%	55,163	21.1%
Gas Available	140,021	120,943	86.4%	11,038	7.9%	8,040	5.7%
No Gas Available	83,030	78,897	95.0%	2,927	3.5%	1,206	1.5%
<b>DWELLING TYPE</b>							
Single Detached	373,568	373,568	100.0%	0	0.0%	0	0.0%
Multi Attached	46,834	0	0.0%	46,834	100.0%	0	0.0%
Apartment Suite	64,409	0	0.0%	0	0.0%	64,409	100.0%
<b>BUILDING CODE ERA</b>							
2010-2017	37,645	22,527	59.8%	8,275	22.0%	6,843	18.2%
1990-2009	89,181	72,352	81.1%	7,720	8.7%	9,110	10.2%
1970-1989	161,749	120,242	74.3%	17,977	11.1%	23,529	14.5%
1950-1969	110,314	86,161	78.1%	7,508	6.8%	16,646	15.1%
Pre 1950	85,922	72,286	84.1%	5,355	6.2%	8,281	9.6%
<b>SPACE HEAT FUEL</b>							
Electric Heat	191,639	142,312	74.3%	18,309	9.6%	31,018	16.2%
Natural Gas Heat	249,938	224,311	89.7%	23,378	9.4%	2,249	0.9%
Other Fuel	6,945	6,945	100.0%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	0	0.0%	5,147	14.2%	31,142	85.8%
<b>PEOPLE PER HOUSEHOLD</b>							
One	124,779	76,744	61.5%	14,238	11.4%	33,798	27.1%
Two	221,729	175,943	79.4%	20,073	9.1%	25,714	11.6%
Three	60,069	49,546	82.5%	6,876	11.4%	3,647	6.1%
Four	48,897	44,378	90.8%	3,701	7.6%	817	1.7%
Five +	29,337	26,956	91.9%	1,947	6.6%	434	1.5%
<b>HOUSEHOLD INCOME</b>							
Less Than \$25,000	59,481	37,111	62.4%	8,235	13.8%	14,134	23.8%
\$25,000 - \$49,999	137,082	98,611	71.9%	13,926	10.2%	24,545	17.9%
\$50,000 - \$74,999	123,824	94,735	76.5%	14,544	11.7%	14,545	11.7%
\$75,000 - \$99,999	66,780	57,836	86.6%	3,401	5.1%	5,543	8.3%
\$100,000 +	97,644	85,274	87.3%	6,728	6.9%	5,641	5.8%
<b>WINNIPEG LICO-125 CLASS</b>							
Yes	158,987	112,000	70.4%	18,431	11.6%	28,555	18.0%
No	325,824	261,568	80.3%	28,403	8.7%	35,854	11.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>							
Yes	51,429	41,753	81.2%	5,424	10.5%	4,252	8.3%
No	409,630	311,303	76.0%	39,674	9.7%	58,653	14.3%
Undeclared	23,751	20,512	86.4%	1,736	7.3%	1,504	6.3%
<b>FIRST NATION ON RESERVE</b>							
FIRST NATION ON RESERVE	15,456	14,578	94.3%	815	5.3%	63	0.4%
<b>BILL PAYMENT RATING</b>							
Excellent	439,339	338,926	77.1%	42,306	9.6%	58,107	13.2%
Satisfactory	22,395	17,808	79.5%	2,212	9.9%	2,375	10.6%
Poor	23,077	16,834	72.9%	2,317	10.0%	3,927	17.0%
<b>DWELLING OWNERSHIP</b>							
Own	404,316	354,031	87.6%	31,430	7.8%	18,855	4.7%
Rent / Other	80,495	19,537	24.3%	15,404	19.1%	45,554	56.6%

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.03  
DWELLING OWNERSHIP**

	<b>TOTAL</b>	<b>OWN</b>	<b>%</b>	<b>RENT / OTHER</b>	<b>%</b>
<b>OVERALL</b>	<b>484,811</b>	<b>404,316</b>	<b>83.4%</b>	<b>80,495</b>	<b>16.6%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	211,319	80.7%	50,441	19.3%
Gas Available	140,021	125,557	89.7%	14,464	10.3%
No Gas Available	83,030	67,440	81.2%	15,590	18.8%
<b>DWELLING TYPE</b>					
Single Detached	373,568	354,031	94.8%	19,537	5.2%
Multi Attached	46,834	31,430	67.1%	15,404	32.9%
Apartment Suite	64,409	18,855	29.3%	45,554	70.7%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	29,650	78.8%	7,995	21.2%
1990-2009	89,181	76,383	85.6%	12,798	14.4%
1970-1989	161,749	135,094	83.5%	26,654	16.5%
1950-1969	110,314	91,050	82.5%	19,264	17.5%
Pre 1950	85,922	72,139	84.0%	13,783	16.0%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	151,221	78.9%	40,418	21.1%
Natural Gas Heat	249,938	238,662	95.5%	11,276	4.5%
Other Fuel	6,945	5,821	83.8%	1,124	16.2%
Shared (No Heat on Bill)	36,289	8,612	23.7%	27,677	76.3%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	89,992	72.1%	34,787	27.9%
Two	221,729	194,283	87.6%	27,446	12.4%
Three	60,069	53,067	88.3%	7,003	11.7%
Four	48,897	43,591	89.2%	5,305	10.8%
Five +	29,337	23,383	79.7%	5,954	20.3%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	33,631	56.5%	25,850	43.5%
\$25,000 - \$49,999	137,082	110,628	80.7%	26,455	19.3%
\$50,000 - \$74,999	123,824	107,034	86.4%	16,790	13.6%
\$75,000 - \$99,999	66,780	61,103	91.5%	5,677	8.5%
\$100,000 +	97,644	91,921	94.1%	5,723	5.9%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	114,589	72.1%	44,398	27.9%
No	325,824	289,727	88.9%	36,097	11.1%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	32,500	63.2%	18,929	36.8%
No	409,630	350,294	85.5%	59,337	14.5%
Undeclared	23,751	21,522	90.6%	2,229	9.4%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	4,514	29.2%	10,942	70.8%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	374,841	85.3%	64,498	14.7%
Satisfactory	22,395	16,363	73.1%	6,032	26.9%
Poor	23,077	13,112	56.8%	9,965	43.2%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	404,316	100.0%	0	0.0%
Rent / Other	80,495	0	0.0%	80,495	100.0%



**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.04**  
**DWELLING STOREY TYPES**

	TOTAL	1 STOREY	%	1 & 1/2	%	2 STOREY	%	Bi-Split- Cab	%	SUITE	%
<b>OVERALL</b>	<b>484,811</b>	<b>264,871</b>	<b>54.6%</b>	<b>34,589</b>	<b>7.1%</b>	<b>82,524</b>	<b>17.0%</b>	<b>32,436</b>	<b>6.7%</b>	<b>70,390</b>	<b>14.5%</b>
<b>FUEL AREA</b>											
Winnipeg City	261,760	112,972	43.2%	17,443	6.7%	54,004	20.6%	17,780	6.8%	59,561	22.8%
Gas Available	140,021	94,470	67.5%	8,375	6.0%	17,373	12.4%	10,809	7.7%	8,994	6.4%
No Gas Available	83,030	57,429	69.2%	8,771	10.6%	11,147	13.4%	3,847	4.6%	1,835	2.2%
<b>DWELLING TYPE</b>											
Single Detached	373,568	245,720	65.8%	33,804	9.0%	64,497	17.3%	29,548	7.9%	0	0.0%
Multi Attached	46,834	19,152	40.9%	785	1.7%	18,028	38.5%	2,888	6.2%	5,981	12.8%
Apartment Suite	64,409	0	0.0%	0	0.0%	0	0.0%	0	0.0%	64,409	100.0%
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	18,090	48.1%	806	2.1%	9,389	24.9%	2,365	6.3%	6,995	18.6%
1990-2009	89,181	54,164	60.7%	3,620	4.1%	14,270	16.0%	7,491	8.4%	9,637	10.8%
1970-1989	161,749	90,007	55.6%	4,581	2.8%	26,791	16.6%	16,591	10.3%	23,778	14.7%
1950-1969	110,314	67,407	61.1%	7,626	6.9%	11,542	10.5%	5,552	5.0%	18,188	16.5%
Pre 1950	85,922	35,204	41.0%	17,956	20.9%	20,532	23.9%	438	0.5%	11,791	13.7%
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	111,280	58.1%	13,048	6.8%	24,803	12.9%	10,291	5.4%	32,217	16.8%
Natural Gas Heat	249,938	148,769	59.5%	20,133	8.1%	55,870	22.4%	22,145	8.9%	3,021	1.2%
Other Fuel	6,945	4,379	63.0%	1,408	20.3%	1,158	16.7%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	444	1.2%	0	0.0%	693	1.9%	0	0.0%	35,152	96.9%
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	61,773	49.5%	8,638	6.9%	13,611	10.9%	4,959	4.0%	35,799	28.7%
Two	221,729	128,105	57.8%	15,726	7.1%	35,541	16.0%	13,743	6.2%	28,613	12.9%
Three	60,069	34,301	57.1%	3,673	6.1%	12,185	20.3%	5,598	9.3%	4,313	7.2%
Four	48,897	24,853	50.8%	4,498	9.2%	14,050	28.7%	4,679	9.6%	817	1.7%
Five +	29,337	15,840	54.0%	2,054	7.0%	7,137	24.3%	3,458	11.8%	848	2.9%
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	30,467	51.2%	4,836	8.1%	6,945	11.7%	2,172	3.7%	15,060	25.3%
\$25,000 - \$49,999	137,082	77,895	56.8%	9,671	7.1%	16,072	11.7%	7,303	5.3%	26,141	19.1%
\$50,000 - \$74,999	123,824	72,079	58.2%	8,606	7.0%	18,331	14.8%	8,597	6.9%	16,210	13.1%
\$75,000 - \$99,999	66,780	35,475	53.1%	5,849	8.8%	14,438	21.6%	5,475	8.2%	5,543	8.3%
\$100,000 +	97,644	48,955	50.1%	5,626	5.8%	26,738	27.4%	8,889	9.1%	7,436	7.6%
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	88,541	55.7%	12,268	7.7%	18,787	11.8%	8,758	5.5%	30,632	19.3%
No	325,824	176,330	54.1%	22,321	6.9%	63,737	19.6%	23,678	7.3%	39,758	12.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	29,298	57.0%	4,731	9.2%	6,931	13.5%	4,441	8.6%	6,029	11.7%
No	409,630	221,211	54.0%	28,500	7.0%	70,878	17.3%	26,338	6.4%	62,703	15.3%
Undeclared	23,751	14,363	60.5%	1,358	5.7%	4,715	19.9%	1,658	7.0%	1,658	7.0%
<b>FIRST NATION ON RESERVE</b>											
FIRST NATION ON RESERVE	15,456	12,042	77.9%	746	4.8%	1,417	9.2%	1,119	7.2%	131	0.8%
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	240,808	54.8%	31,379	7.1%	74,433	16.9%	29,518	6.7%	63,200	14.4%
Satisfactory	22,395	11,976	53.5%	1,638	7.3%	4,067	18.2%	1,895	8.5%	2,819	12.6%
Poor	23,077	12,087	52.4%	1,572	6.8%	4,024	17.4%	1,023	4.4%	4,371	18.9%
<b>DWELLING OWNERSHIP</b>											
Own	404,316	246,559	61.0%	32,330	8.0%	72,576	18.0%	30,853	7.6%	21,998	5.4%
Rent / Other	80,495	18,313	22.8%	2,259	2.8%	9,949	12.4%	1,583	2.0%	48,392	60.1%

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.05**  
**BUILDING CODE CONSTRUCTION ERA**

	TOTAL	Ave. Year Built	2010-2017	%	1990-2009	%	1970-1989	%	1950-1969	%	PRE 1950	%
<b>OVERALL</b>	484,811	1972	37,645	7.8%	89,181	18.4%	161,749	33.4%	110,314	22.8%	85,922	17.7%
<b>FUEL AREA</b>												
Winnipeg City	261,760	1968	16,471	6.3%	33,079	12.6%	86,548	33.1%	72,197	27.6%	53,466	20.4%
Gas Available	140,021	1978	15,910	11.4%	34,039	24.3%	48,720	34.8%	22,595	16.1%	18,757	13.4%
No Gas Available	83,030	1975	5,265	6.3%	22,063	26.6%	26,481	31.9%	15,523	18.7%	13,699	16.5%
<b>DWELLING TYPE</b>												
Single Detached	373,568	1971	22,527	6.0%	72,352	19.4%	120,242	32.2%	86,161	23.1%	72,286	19.4%
Multi Attached	46,834	1978	8,275	17.7%	7,720	16.5%	17,977	38.4%	7,508	16.0%	5,355	11.4%
Apartment Suite	64,409	1975	6,843	10.6%	9,110	14.1%	23,529	36.5%	16,646	25.8%	8,281	12.9%
<b>BUILDING CODE ERA</b>												
2010-2017	37,645	2013	37,645	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
1990-2009	89,181	2000	0	0.0%	89,181	100.0%	0	0.0%	0	0.0%	0	0.0%
1970-1989	161,749	1980	0	0.0%	0	0.0%	161,749	100.0%	0	0.0%	0	0.0%
1950-1969	110,314	1960	0	0.0%	0	0.0%	0	0.0%	110,314	100.0%	0	0.0%
Pre 1950	85,922	1927	0	0.0%	0	0.0%	0	0.0%	0	0.0%	85,922	100.0%
<b>SPACE HEAT FUEL</b>												
Electric Heat	191,639	1979	22,296	11.6%	45,317	23.6%	71,800	37.5%	26,349	13.7%	25,878	13.5%
Natural Gas Heat	249,938	1970	14,606	5.8%	41,052	16.4%	80,474	32.2%	65,566	26.2%	48,240	19.3%
Other Fuel	6,945	1967	600	8.6%	1,155	16.6%	1,873	27.0%	1,277	18.4%	2,039	29.4%
Shared (No Heat on Bill)	36,289	1956	143	0.4%	1,657	4.6%	7,601	20.9%	17,122	47.2%	9,765	26.9%
<b>PEOPLE PER HOUSEHOLD</b>												
One	124,779	1967	7,200	5.8%	15,114	12.1%	42,430	34.0%	29,579	23.7%	30,457	24.4%
Two	221,729	1974	15,292	6.9%	44,621	20.1%	77,892	35.1%	51,602	23.3%	32,322	14.6%
Three	60,069	1974	4,353	7.2%	12,452	20.7%	19,887	33.1%	13,823	23.0%	9,555	15.9%
Four	48,897	1975	6,358	13.0%	10,332	21.1%	13,715	28.1%	9,747	19.9%	8,744	17.9%
Five +	29,337	1976	4,442	15.1%	6,663	22.7%	7,825	26.7%	5,563	19.0%	4,845	16.5%
<b>HOUSEHOLD INCOME</b>												
Less Than \$25,000	59,481	1967	3,216	5.4%	9,280	15.6%	19,390	32.6%	12,974	21.8%	14,620	24.6%
\$25,000 - \$49,999	137,082	1970	7,077	5.2%	20,475	14.9%	50,471	36.8%	33,633	24.5%	25,427	18.5%
\$50,000 - \$74,999	123,824	1973	9,360	7.6%	22,179	17.9%	41,451	33.5%	31,227	25.2%	19,606	15.8%
\$75,000 - \$99,999	66,780	1976	7,124	10.7%	14,321	21.4%	22,062	33.0%	13,166	19.7%	10,107	15.1%
\$100,000 +	97,644	1976	10,868	11.1%	22,926	23.5%	28,375	29.1%	19,314	19.8%	16,161	16.6%
<b>WINNIPEG LICO-125 CLASS</b>												
Yes	158,987	1969	9,326	5.9%	24,801	15.6%	55,411	34.9%	36,356	22.9%	33,093	20.8%
No	325,824	1974	28,319	8.7%	64,380	19.8%	106,337	32.6%	73,959	22.7%	52,829	16.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>												
Yes	51,429	1975	3,974	7.7%	13,956	27.1%	15,793	30.7%	9,002	17.5%	8,705	16.9%
No	409,630	1972	31,746	7.7%	71,849	17.5%	137,229	33.5%	96,286	23.5%	72,520	17.7%
Undeclared	23,751	1971	1,926	8.1%	3,376	14.2%	8,727	36.7%	5,027	21.2%	4,697	19.8%
<b>FIRST NATION ON RESERVE</b>												
FIRST NATION ON RESERVE	15,456	1995	1,646	10.7%	8,760	56.7%	4,832	31.3%	62	0.4%	155	1.0%
<b>BILL PAYMENT RATING</b>												
Excellent	439,339	1972	33,864	7.7%	79,485	18.1%	148,787	33.9%	101,074	23.0%	76,130	17.3%
Satisfactory	22,395	1971	1,897	8.5%	4,645	20.7%	6,560	29.3%	4,441	19.8%	4,853	21.7%
Poor	23,077	1971	1,885	8.2%	5,051	21.9%	6,402	27.7%	4,800	20.8%	4,939	21.4%
<b>DWELLING OWNERSHIP</b>												
Own	404,316	1972	29,650	7.3%	76,383	18.9%	135,094	33.4%	91,050	22.5%	72,139	17.8%
Rent / Other	80,495	1972	7,995	9.9%	12,798	15.9%	26,654	33.1%	19,264	23.9%	13,783	17.1%

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.06  
DWELLING SQUARE FOOTAGE**

	TOTAL	AVE 800 or SQFT	Less	%	801 - 1,100	%	1,101 - 1,400	%	1,401 - 1,700	%	1,701 - 2,000	%	OVER 2,000	%
<b>OVERALL</b>	484,811	1,285	77,790	16.0%	137,956	28.5%	123,344	25.4%	63,282	13.1%	38,645	8.0%	43,794	9.0%
<b>FUEL AREA</b>														
Winnipeg City	261,760	1,236	45,090	17.2%	81,584	31.2%	63,972	24.4%	32,364	12.4%	18,774	7.2%	19,977	7.6%
Gas Available	140,021	1,364	17,458	12.5%	34,952	25.0%	38,426	27.4%	20,412	14.6%	13,196	9.4%	15,576	11.1%
No Gas Available	83,030	1,304	15,241	18.4%	21,420	25.8%	20,946	25.2%	10,506	12.7%	6,675	8.0%	8,241	9.9%
<b>DWELLING TYPE</b>														
Single Detached	373,568	1,359	40,686	10.9%	97,722	26.2%	102,229	27.4%	57,095	15.3%	35,980	9.6%	39,855	10.7%
Multi Attached	46,834	1,238	5,792	12.4%	17,664	37.7%	14,413	30.8%	4,214	9.0%	1,409	3.0%	3,342	7.1%
Apartment Suite	64,409	888	31,312	48.6%	22,571	35.0%	6,702	10.4%	1,973	3.1%	1,255	1.9%	596	0.9%
<b>BUILDING CODE ERA</b>														
2010-2017	37,645	1,448	3,031	8.1%	8,592	22.8%	9,992	26.5%	6,585	17.5%	4,805	12.8%	4,640	12.3%
1990-2009	89,181	1,428	7,985	9.0%	14,298	16.0%	26,917	30.2%	19,935	22.4%	10,211	11.4%	9,835	11.0%
1970-1989	161,749	1,287	17,721	11.0%	54,216	33.5%	40,633	25.1%	20,244	12.5%	14,291	8.8%	14,643	9.1%
1950-1969	110,314	1,138	25,013	22.7%	39,244	35.6%	28,960	26.3%	6,859	6.2%	4,212	3.8%	6,026	5.5%
Pre 1950	85,922	1,248	24,039	28.0%	21,605	25.1%	16,842	19.6%	9,658	11.2%	5,126	6.0%	8,650	10.1%
<b>SPACE HEAT FUEL</b>														
Electric Heat	191,639	1,270	32,797	17.1%	56,164	29.3%	49,649	25.9%	22,843	11.9%	13,663	7.1%	16,525	8.6%
Natural Gas Heat	249,938	1,348	21,751	8.7%	70,707	28.3%	69,897	28.0%	38,749	15.5%	23,775	9.5%	25,060	10.0%
Other Fuel	6,945	1,007	1,537	22.1%	3,179	45.8%	1,761	25.3%	131	1.9%	337	4.9%	0	0.0%
Shared (No Heat on Bill)	36,289	981	21,706	59.8%	7,907	21.8%	2,038	5.6%	1,560	4.3%	870	2.4%	2,209	6.1%
<b>PEOPLE PER HOUSEHOLD</b>														
One	124,779	1,069	36,341	29.1%	47,373	38.0%	22,927	18.4%	8,697	7.0%	4,793	3.8%	4,649	3.7%
Two	221,729	1,334	26,268	11.8%	60,031	27.1%	61,524	27.7%	33,385	15.1%	18,807	8.5%	21,714	9.8%
Three	60,069	1,344	6,346	10.6%	15,043	25.0%	17,741	29.5%	9,044	15.1%	5,831	9.7%	6,064	10.1%
Four	48,897	1,431	5,300	10.8%	10,254	21.0%	12,545	25.7%	7,986	16.3%	6,317	12.9%	6,494	13.3%
Five +	29,337	1,465	3,536	12.1%	5,255	17.9%	8,607	29.3%	4,170	14.2%	2,896	9.9%	4,872	16.6%
<b>HOUSEHOLD INCOME</b>														
Less Than \$25,000	59,481	1,007	21,687	36.5%	19,980	33.6%	10,036	16.9%	3,492	5.9%	1,790	3.0%	2,496	4.2%
\$25,000 - \$49,999	137,082	1,154	28,779	21.0%	48,038	35.0%	34,277	25.0%	12,380	9.0%	6,887	5.0%	6,723	4.9%
\$50,000 - \$74,999	123,824	1,250	17,255	13.9%	39,686	32.1%	34,097	27.5%	15,678	12.7%	8,162	6.6%	8,945	7.2%
\$75,000 - \$99,999	66,780	1,410	5,083	7.6%	15,044	22.5%	18,871	28.3%	13,367	20.0%	6,674	10.0%	7,742	11.6%
\$100,000 +	97,644	1,596	4,986	5.1%	15,209	15.6%	26,063	26.7%	18,366	18.8%	15,132	15.5%	17,888	18.3%
<b>WINNIPEG LICO-125 CLASS</b>														
Yes	158,987	1,124	41,769	26.3%	51,971	32.7%	36,818	23.2%	12,639	7.9%	6,959	4.4%	8,830	5.6%
No	325,824	1,363	36,021	11.1%	85,985	26.4%	86,526	26.6%	50,643	15.5%	31,686	9.7%	34,964	10.7%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>														
Yes	51,429	1,205	12,430	24.2%	15,150	29.5%	11,179	21.7%	4,478	8.7%	3,757	7.3%	4,435	8.6%
No	409,630	1,292	61,965	15.1%	116,252	28.4%	106,641	26.0%	54,631	13.3%	33,054	8.1%	37,088	9.1%
Undeclared	23,751	1,321	3,394	14.3%	6,554	27.6%	5,524	23.3%	4,173	17.6%	1,834	7.7%	2,271	9.6%
<b>FIRST NATION ON RESERVE</b>														
FIRST NATION ON RESERVE	15,456	1,072	5,539	35.8%	3,918	25.4%	3,556	23.0%	938	6.1%	659	4.3%	845	5.5%
<b>BILL PAYMENT RATING</b>														
Excellent	439,339	1,288	66,837	15.2%	123,627	28.1%	114,773	26.1%	58,402	13.3%	36,343	8.3%	39,356	9.0%
Satisfactory	22,395	1,320	5,067	22.6%	7,784	34.8%	3,039	13.6%	2,604	11.6%	1,531	6.8%	2,371	10.6%
Poor	23,077	1,179	5,886	25.5%	6,545	28.4%	5,532	24.0%	2,277	9.9%	771	3.3%	2,067	9.0%
<b>DWELLING OWNERSHIP</b>														
Own	404,316	1,352	41,438	10.2%	110,455	27.3%	113,361	28.0%	60,621	15.0%	37,375	9.2%	41,065	10.2%
Rent / Other	80,495	944	36,352	45.2%	27,501	34.2%	9,983	12.4%	2,661	3.3%	1,270	1.6%	2,729	3.4%

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.07a**  
**SINGLE PANE WINDOWS**

	TOTAL	NONE	%	LESS THAN 10	%	MORE THAN 10	%
<b>OVERALL</b>	484,811	407,370	84.0%	68,960	14.2%	8,481	1.7%
<b>FUEL AREA</b>							
Winnipeg City	261,760	213,797	81.7%	42,358	16.2%	5,605	2.1%
Gas Available	140,021	123,829	88.4%	14,265	10.2%	1,927	1.4%
No Gas Available	83,030	69,744	84.0%	12,336	14.9%	949	1.1%
<b>DWELLING TYPE</b>							
Single Detached	373,568	319,639	85.6%	46,285	12.4%	7,644	2.0%
Multi Attached	46,834	38,207	81.6%	7,953	17.0%	674	1.4%
Apartment Suite	64,409	49,524	76.9%	14,722	22.9%	163	0.3%
<b>BUILDING CODE ERA</b>							
2010-2017	37,645	34,390	91.4%	2,679	7.1%	576	1.5%
1990-2009	89,181	81,101	90.9%	7,341	8.2%	739	0.8%
1970-1989	161,749	140,622	86.9%	19,399	12.0%	1,727	1.1%
1950-1969	110,314	89,504	81.1%	19,184	17.4%	1,626	1.5%
Pre 1950	85,922	61,753	71.9%	20,356	23.7%	3,813	4.4%
<b>SPACE HEAT FUEL</b>							
Electric Heat	191,639	163,762	85.5%	25,063	13.1%	2,814	1.5%
Natural Gas Heat	249,938	212,701	85.1%	31,569	12.6%	5,668	2.3%
Other Fuel	6,945	4,291	61.8%	2,654	38.2%	0	0.0%
Shared (No Heat on Bill)	36,289	26,616	73.3%	9,673	26.7%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>							
One	124,779	100,922	80.9%	22,484	18.0%	1,373	1.1%
Two	221,729	193,228	87.1%	24,410	11.0%	4,092	1.8%
Three	60,069	49,829	83.0%	9,681	16.1%	559	0.9%
Four	48,897	39,467	80.7%	7,813	16.0%	1,617	3.3%
Five +	29,337	23,925	81.6%	4,572	15.6%	840	2.9%
<b>HOUSEHOLD INCOME</b>							
Less Than \$25,000	59,481	42,671	71.7%	15,146	25.5%	1,663	2.8%
\$25,000 - \$49,999	137,082	115,269	84.1%	19,550	14.3%	2,263	1.7%
\$50,000 - \$74,999	123,824	105,666	85.3%	16,952	13.7%	1,206	1.0%
\$75,000 - \$99,999	66,780	58,263	87.2%	6,849	10.3%	1,668	2.5%
\$100,000 +	97,644	85,501	87.6%	10,462	10.7%	1,680	1.7%
<b>WINNIPEG LICO-125 CLASS</b>							
Yes	158,987	125,767	79.1%	29,916	18.8%	3,304	2.1%
No	325,824	281,603	86.4%	39,044	12.0%	5,177	1.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>							
Yes	51,429	39,799	77.4%	10,301	20.0%	1,329	2.6%
No	409,630	347,451	84.8%	55,587	13.6%	6,592	1.6%
Undeclared	23,751	20,120	84.7%	3,072	12.9%	559	2.4%
<b>FIRST NATION ON RESERVE</b>							
FIRST NATION ON RESERVE	15,456	11,029	71.4%	4,147	26.8%	280	1.8%
<b>BILL PAYMENT RATING</b>							
Excellent	439,339	372,274	84.7%	59,833	13.6%	7,232	1.6%
Satisfactory	22,395	18,183	81.2%	3,801	17.0%	411	1.8%
Poor	23,077	16,914	73.3%	5,325	23.1%	838	3.6%
<b>DWELLING OWNERSHIP</b>							
Own	404,316	350,254	86.6%	46,760	11.6%	7,302	1.8%
Rent / Other	80,495	57,116	71.0%	22,200	27.6%	1,179	1.5%

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.07b  
DUAL PANE WINDOWS**

	TOTAL	NONE	%	LESS THAN 10	%	MORE THAN 10	%
<b>OVERALL</b>	484,811	215,531	44.5%	209,503	43.2%	59,777	12.3%
<b>FUEL AREA</b>							
Winnipeg City	261,760	114,439	43.7%	117,383	44.8%	29,938	11.4%
Gas Available	140,021	65,568	46.8%	56,177	40.1%	18,276	13.1%
No Gas Available	83,030	35,523	42.8%	35,943	43.3%	11,563	13.9%
<b>DWELLING TYPE</b>							
Single Detached	373,568	173,941	46.6%	144,956	38.8%	54,670	14.6%
Multi Attached	46,834	19,533	41.7%	24,335	52.0%	2,966	6.3%
Apartment Suite	64,409	22,056	34.2%	40,212	62.4%	2,141	3.3%
<b>BUILDING CODE ERA</b>							
2010-2017	37,645	20,482	54.4%	13,165	35.0%	3,999	10.6%
1990-2009	89,181	47,969	53.8%	27,922	31.3%	13,290	14.9%
1970-1989	161,749	76,160	47.1%	70,250	43.4%	15,338	9.5%
1950-1969	110,314	43,037	39.0%	57,518	52.1%	9,760	8.8%
Pre 1950	85,922	27,883	32.5%	40,649	47.3%	17,390	20.2%
<b>SPACE HEAT FUEL</b>							
Electric Heat	191,639	84,772	44.2%	84,447	44.1%	22,420	11.7%
Natural Gas Heat	249,938	117,733	47.1%	98,637	39.5%	33,567	13.4%
Other Fuel	6,945	2,226	32.1%	3,267	47.0%	1,452	20.9%
Shared (No Heat on Bill)	36,289	10,799	29.8%	23,152	63.8%	2,338	6.4%
<b>PEOPLE PER HOUSEHOLD</b>							
One	124,779	49,834	39.9%	65,301	52.3%	9,644	7.7%
Two	221,729	108,024	48.7%	88,010	39.7%	25,695	11.6%
Three	60,069	24,618	41.0%	26,283	43.8%	9,169	15.3%
Four	48,897	20,260	41.4%	19,631	40.1%	9,005	18.4%
Five +	29,337	12,794	43.6%	10,278	35.0%	6,264	21.4%
<b>HOUSEHOLD INCOME</b>							
Less Than \$25,000	59,481	24,827	41.7%	30,026	50.5%	4,628	7.8%
\$25,000 - \$49,999	137,082	58,499	42.7%	65,848	48.0%	12,735	9.3%
\$50,000 - \$74,999	123,824	56,636	45.7%	53,891	43.5%	13,297	10.7%
\$75,000 - \$99,999	66,780	30,085	45.1%	25,044	37.5%	11,651	17.4%
\$100,000 +	97,644	45,484	46.6%	34,694	35.5%	17,466	17.9%
<b>WINNIPEG LICO-125 CLASS</b>							
Yes	158,987	67,269	42.3%	76,753	48.3%	14,966	9.4%
No	325,824	148,262	45.5%	132,750	40.7%	44,812	13.8%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>							
Yes	51,429	20,557	40.0%	23,300	45.3%	7,572	14.7%
No	409,630	184,117	44.9%	175,917	42.9%	49,597	12.1%
Undeclared	23,751	10,856	45.7%	10,286	43.3%	2,609	11.0%
<b>FIRST NATION ON RESERVE</b>							
FIRST NATION ON RESERVE	15,456	6,218	40.2%	7,870	50.9%	1,368	8.9%
<b>BILL PAYMENT RATING</b>							
Excellent	439,339	198,063	45.1%	187,029	42.6%	54,247	12.3%
Satisfactory	22,395	9,299	41.5%	10,025	44.8%	3,070	13.7%
Poor	23,077	8,169	35.4%	12,449	53.9%	2,460	10.7%
<b>DWELLING OWNERSHIP</b>							
Own	404,316	187,823	46.5%	161,003	39.8%	55,490	13.7%
Rent / Other	80,495	27,708	34.4%	48,500	60.3%	4,287	5.3%

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.07c**  
**TRIPLE PANE WINDOWS**

	TOTAL	NONE	%	LESS THAN 10	%	MORE THAN 10	%
<b>OVERALL</b>	<b>484,811</b>	<b>235,373</b>	<b>48.5%</b>	<b>162,255</b>	<b>33.5%</b>	<b>87,183</b>	<b>18.0%</b>
<b>FUEL AREA</b>							
Winnipeg City	261,760	131,467	50.2%	92,073	35.2%	38,220	14.6%
Gas Available	140,021	62,293	44.5%	45,088	32.2%	32,641	23.3%
No Gas Available	83,030	41,613	50.1%	25,095	30.2%	16,322	19.7%
<b>DWELLING TYPE</b>							
Single Detached	373,568	156,178	41.8%	132,996	35.6%	84,393	22.6%
Multi Attached	46,834	26,665	56.9%	17,868	38.2%	2,301	4.9%
Apartment Suite	64,409	52,530	81.6%	11,391	17.7%	488	0.8%
<b>BUILDING CODE ERA</b>							
2010-2017	37,645	16,993	45.1%	10,570	28.1%	10,082	26.8%
1990-2009	89,181	40,267	45.2%	22,144	24.8%	26,771	30.0%
1970-1989	161,749	73,604	45.5%	59,728	36.9%	28,417	17.6%
1950-1969	110,314	52,619	47.7%	45,221	41.0%	12,474	11.3%
Pre 1950	85,922	51,890	60.4%	24,593	28.6%	9,439	11.0%
<b>SPACE HEAT FUEL</b>							
Electric Heat	191,639	98,818	51.6%	59,918	31.3%	32,903	17.2%
Natural Gas Heat	249,938	101,344	40.5%	95,227	38.1%	53,367	21.4%
Other Fuel	6,945	4,865	70.0%	1,612	23.2%	469	6.7%
Shared (No Heat on Bill)	36,289	30,346	83.6%	5,499	15.2%	444	1.2%
<b>PEOPLE PER HOUSEHOLD</b>							
One	124,779	75,266	60.3%	39,427	31.6%	10,086	8.1%
Two	221,729	94,973	42.8%	80,765	36.4%	45,991	20.7%
Three	60,069	27,638	46.0%	19,297	32.1%	13,134	21.9%
Four	48,897	22,538	46.1%	14,988	30.7%	11,371	23.3%
Five +	29,337	14,958	51.0%	7,778	26.5%	6,600	22.5%
<b>HOUSEHOLD INCOME</b>							
Less Than \$25,000	59,481	42,423	71.3%	14,403	24.2%	2,655	4.5%
\$25,000 - \$49,999	137,082	72,721	53.0%	48,144	35.1%	16,217	11.8%
\$50,000 - \$74,999	123,824	57,026	46.1%	47,298	38.2%	19,501	15.7%
\$75,000 - \$99,999	66,780	28,835	43.2%	22,432	33.6%	15,513	23.2%
\$100,000 +	97,644	34,369	35.2%	29,979	30.7%	33,296	34.1%
<b>WINNIPEG LICO-125 CLASS</b>							
Yes	158,987	96,384	60.6%	48,170	30.3%	14,433	9.1%
No	325,824	138,989	42.7%	114,085	35.0%	72,750	22.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>							
Yes	51,429	33,357	64.9%	12,960	25.2%	5,112	9.9%
No	409,630	188,599	46.0%	142,443	34.8%	78,588	19.2%
Undeclared	23,751	13,417	56.5%	6,852	28.8%	3,483	14.7%
<b>FIRST NATION ON RESERVE</b>							
FIRST NATION ON RESERVE	15,456	13,012	84.2%	1,878	12.2%	566	3.7%
<b>BILL PAYMENT RATING</b>							
Excellent	439,339	205,065	46.7%	151,632	34.5%	82,642	18.8%
Satisfactory	22,395	13,695	61.2%	6,164	27.5%	2,536	11.3%
Poor	23,077	16,613	72.0%	4,459	19.3%	2,005	8.7%
<b>DWELLING OWNERSHIP</b>							
Own	404,316	166,967	41.3%	150,875	37.3%	86,475	21.4%
Rent / Other	80,495	68,406	85.0%	11,381	14.1%	708	0.9%

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.07d  
STORM PANE WINDOWS**

	TOTAL	NONE	%	LESS THAN 10	%	MORE THAN 10	%
<b>OVERALL</b>	<b>484,811</b>	<b>462,991</b>	<b>95.5%</b>	<b>19,644</b>	<b>4.1%</b>	<b>2,176</b>	<b>0.4%</b>
<b>FUEL AREA</b>							
Winnipeg City	261,760	248,330	94.9%	11,709	4.5%	1,721	0.7%
Gas Available	140,021	135,699	96.9%	4,122	2.9%	201	0.1%
No Gas Available	83,030	78,962	95.1%	3,813	4.6%	254	0.3%
<b>DWELLING TYPE</b>							
Single Detached	373,568	355,341	95.1%	16,050	4.3%	2,176	0.6%
Multi Attached	46,834	45,179	96.5%	1,655	3.5%	0	0.0%
Apartment Suite	64,409	62,470	97.0%	1,939	3.0%	0	0.0%
<b>BUILDING CODE ERA</b>							
2010-2017	37,645	37,331	99.2%	315	0.8%	0	0.0%
1990-2009	89,181	86,771	97.3%	2,180	2.4%	230	0.3%
1970-1989	161,749	156,387	96.7%	5,115	3.2%	246	0.2%
1950-1969	110,314	104,077	94.3%	6,011	5.4%	226	0.2%
Pre 1950	85,922	78,425	91.3%	6,023	7.0%	1,474	1.7%
<b>SPACE HEAT FUEL</b>							
Electric Heat	191,639	185,237	96.7%	5,947	3.1%	455	0.2%
Natural Gas Heat	249,938	237,335	95.0%	10,882	4.4%	1,721	0.7%
Other Fuel	6,945	5,581	80.4%	1,364	19.6%	0	0.0%
Shared (No Heat on Bill)	36,289	34,838	96.0%	1,451	4.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>							
One	124,779	118,267	94.8%	6,151	4.9%	361	0.3%
Two	221,729	213,468	96.3%	7,361	3.3%	901	0.4%
Three	60,069	56,134	93.4%	3,250	5.4%	685	1.1%
Four	48,897	46,893	95.9%	1,774	3.6%	230	0.5%
Five +	29,337	28,229	96.2%	1,108	3.8%	0	0.0%
<b>HOUSEHOLD INCOME</b>							
Less Than \$25,000	59,481	55,936	94.0%	3,284	5.5%	261	0.4%
\$25,000 - \$49,999	137,082	131,402	95.9%	5,138	3.7%	542	0.4%
\$50,000 - \$74,999	123,824	117,687	95.0%	5,678	4.6%	459	0.4%
\$75,000 - \$99,999	66,780	64,517	96.6%	1,807	2.7%	456	0.7%
\$100,000 +	97,644	93,448	95.7%	3,737	3.8%	459	0.5%
<b>WINNIPEG LICO-125 CLASS</b>							
Yes	158,987	150,467	94.6%	7,818	4.9%	702	0.4%
No	325,824	312,524	95.9%	11,826	3.6%	1,474	0.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>							
Yes	51,429	48,917	95.1%	2,367	4.6%	146	0.3%
No	409,630	391,801	95.6%	15,798	3.9%	2,031	0.5%
Undeclared	23,751	22,273	93.8%	1,479	6.2%	0	0.0%
<b>FIRST NATION ON RESERVE</b>							
FIRST NATION ON RESERVE	15,456	14,990	97.0%	435	2.8%	31	0.2%
<b>BILL PAYMENT RATING</b>							
Excellent	439,339	419,434	95.5%	17,874	4.1%	2,031	0.5%
Satisfactory	22,395	21,291	95.1%	958	4.3%	146	0.7%
Poor	23,077	22,265	96.5%	812	3.5%	0	0.0%
<b>DWELLING OWNERSHIP</b>							
Own	404,316	385,924	95.5%	16,247	4.0%	2,145	0.5%
Rent / Other	80,495	77,067	95.7%	3,397	4.2%	31	0.0%



**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.08**  
**LEVEL OF INSULATION IN ATTIC**

	TOTAL	EXCELLENT	%	VERY		AVERAGE	%	FAIR	%	POOR	%	NO	
				GOOD	%							ATTIC	%
<b>OVERALL</b>	<b>484,811</b>	<b>76,852</b>	<b>15.9%</b>	<b>130,229</b>	<b>26.9%</b>	<b>125,656</b>	<b>25.9%</b>	<b>39,568</b>	<b>8.2%</b>	<b>25,698</b>	<b>5.3%</b>	<b>86,809</b>	<b>17.9%</b>
<b>FUEL AREA</b>													
Winnipeg City	261,760	30,620	11.7%	61,255	23.4%	70,476	26.9%	18,366	7.0%	15,413	5.9%	65,631	25.1%
Gas Available	140,021	30,837	22.0%	44,562	31.8%	34,834	24.9%	10,250	7.3%	4,406	3.1%	15,133	10.8%
No Gas Available	83,030	15,395	18.5%	24,412	29.4%	20,346	24.5%	10,952	13.2%	5,879	7.1%	6,046	7.3%
<b>DWELLING TYPE</b>													
Single Detached	373,568	67,736	18.1%	120,624	32.3%	109,573	29.3%	37,364	10.0%	21,485	5.8%	16,786	4.5%
Multi Attached	46,834	9,116	19.5%	9,605	20.5%	16,083	34.3%	2,204	4.7%	4,212	9.0%	5,614	12.0%
Apartment Suite	64,409	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	64,409	100.0%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	20,316	54.0%	5,971	15.9%	1,414	3.8%	629	1.7%	31	0.1%	9,284	24.7%
1990-2009	89,181	24,150	27.1%	36,954	41.4%	8,733	9.8%	2,974	3.3%	1,594	1.8%	14,775	16.6%
1970-1989	161,749	14,508	9.0%	54,211	33.5%	51,193	31.6%	7,747	4.8%	2,500	1.5%	31,590	19.5%
1950-1969	110,314	10,037	9.1%	20,643	18.7%	48,277	43.8%	8,383	7.6%	3,874	3.5%	19,101	17.3%
Pre 1950	85,922	7,841	9.1%	12,450	14.5%	16,038	18.7%	19,835	23.1%	17,698	20.6%	12,058	14.0%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	33,438	17.4%	50,934	26.6%	40,228	21.0%	15,067	7.9%	8,492	4.4%	43,480	22.7%
Natural Gas Heat	249,938	41,921	16.8%	78,283	31.3%	82,005	32.8%	22,283	8.9%	13,932	5.6%	11,514	4.6%
Other Fuel	6,945	1,493	21.5%	762	11.0%	1,437	20.7%	1,774	25.5%	1,055	15.2%	425	6.1%
Shared (No Heat on Bill)	36,289	0	0.0%	249	0.7%	1,986	5.5%	444	1.2%	2,219	6.1%	31,391	86.5%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	13,123	10.5%	24,296	19.5%	29,627	23.7%	10,198	8.2%	6,464	5.2%	41,073	32.9%
Two	221,729	35,000	15.8%	68,992	31.1%	58,565	26.4%	16,841	7.6%	9,666	4.4%	32,666	14.7%
Three	60,069	11,221	18.7%	16,174	26.9%	18,337	30.5%	5,024	8.4%	2,668	4.4%	6,645	11.1%
Four	48,897	10,422	21.3%	14,234	29.1%	11,707	23.9%	4,871	10.0%	4,061	8.3%	3,601	7.4%
Five +	29,337	7,086	24.2%	6,532	22.3%	7,420	25.3%	2,635	9.0%	2,839	9.7%	2,824	9.6%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	5,498	9.2%	10,594	17.8%	11,947	20.1%	7,284	12.2%	5,316	8.9%	18,842	31.7%
\$25,000 - \$49,999	137,082	16,917	12.3%	32,411	23.6%	38,977	28.4%	11,185	8.2%	6,434	4.7%	31,157	22.7%
\$50,000 - \$74,999	123,824	19,744	15.9%	33,651	27.2%	36,164	29.2%	8,393	6.8%	5,788	4.7%	20,084	16.2%
\$75,000 - \$99,999	66,780	11,529	17.3%	23,468	35.1%	15,586	23.3%	5,575	8.3%	2,772	4.2%	7,850	11.8%
\$100,000 +	97,644	23,164	23.7%	30,105	30.8%	22,982	23.5%	7,130	7.3%	5,386	5.5%	8,877	9.1%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	20,498	12.9%	33,693	21.2%	39,721	25.0%	15,573	9.8%	11,114	7.0%	38,389	24.1%
No	325,824	56,354	17.3%	96,536	29.6%	85,934	26.4%	23,995	7.4%	14,584	4.5%	48,420	14.9%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	7,707	15.0%	12,997	25.3%	12,599	24.5%	5,846	11.4%	5,100	9.9%	7,181	14.0%
No	409,630	64,653	15.8%	110,833	27.1%	106,797	26.1%	31,784	7.8%	19,322	4.7%	76,241	18.6%
Undeclared	23,751	4,491	18.9%	6,398	26.9%	6,260	26.4%	1,939	8.2%	1,275	5.4%	3,388	14.3%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	3,027	19.6%	4,458	28.8%	2,338	15.1%	1,996	12.9%	2,015	13.0%	1,623	10.5%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	70,935	16.1%	122,251	27.8%	113,421	25.8%	34,244	7.8%	20,406	4.6%	78,082	17.8%
Satisfactory	22,395	3,160	14.1%	4,632	20.7%	5,908	26.4%	2,272	10.1%	2,862	12.8%	3,561	15.9%
Poor	23,077	2,757	11.9%	3,346	14.5%	6,326	27.4%	3,051	13.2%	2,430	10.5%	5,166	22.4%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	71,773	17.8%	123,253	30.5%	116,366	28.8%	36,592	9.1%	19,550	4.8%	36,782	9.1%
Rent / Other	80,495	5,079	6.3%	6,975	8.7%	9,290	11.5%	2,976	3.7%	6,147	7.6%	50,027	62.1%



**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.09**  
**LEVEL OF INSULATION IN EXTERIOR WALLS**

	TOTAL	EXCELLENT	%	VERY		AVERAGE	%	FAIR	%	POOR	%
				GOOD	%						
<b>OVERALL</b>	<b>484,811</b>	<b>66,660</b>	<b>13.7%</b>	<b>149,278</b>	<b>30.8%</b>	<b>171,991</b>	<b>35.5%</b>	<b>55,307</b>	<b>11.4%</b>	<b>41,575</b>	<b>8.6%</b>
<b>FUEL AREA</b>											
Winnipeg City	261,760	28,930	11.1%	68,781	26.3%	103,966	39.7%	31,437	12.0%	28,646	10.9%
Gas Available	140,021	25,525	18.2%	52,118	37.2%	44,477	31.8%	11,738	8.4%	6,163	4.4%
No Gas Available	83,030	12,206	14.7%	28,378	34.2%	23,548	28.4%	12,132	14.6%	6,766	8.1%
<b>DWELLING TYPE</b>											
Single Detached	373,568	47,254	12.6%	120,479	32.3%	128,917	34.5%	48,265	12.9%	28,652	7.7%
Multi Attached	46,834	7,942	17.0%	10,680	22.8%	20,335	43.4%	2,874	6.1%	5,003	10.7%
Apartment Suite	64,409	11,464	17.8%	18,118	28.1%	22,739	35.3%	4,168	6.5%	7,920	12.3%
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	25,233	67.0%	9,721	25.8%	1,706	4.5%	628	1.7%	357	0.9%
1990-2009	89,181	27,596	30.9%	49,455	55.5%	7,712	8.6%	2,134	2.4%	2,285	2.6%
1970-1989	161,749	6,793	4.2%	67,366	41.6%	73,961	45.7%	9,561	5.9%	4,067	2.5%
1950-1969	110,314	3,545	3.2%	12,637	11.5%	74,346	67.4%	15,081	13.7%	4,706	4.3%
Pre 1950	85,922	3,493	4.1%	10,099	11.8%	14,266	16.6%	27,904	32.5%	30,159	35.1%
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	37,444	19.5%	68,510	35.7%	54,298	28.3%	18,024	9.4%	13,363	7.0%
Natural Gas Heat	249,938	27,762	11.1%	74,557	29.8%	96,352	38.6%	31,041	12.4%	20,226	8.1%
Other Fuel	6,945	731	10.5%	893	12.9%	3,313	47.7%	1,877	27.0%	131	1.9%
Shared (No Heat on Bill)	36,289	724	2.0%	5,318	14.7%	18,028	49.7%	4,366	12.0%	7,854	21.6%
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	14,800	11.9%	32,170	25.8%	48,028	38.5%	15,404	12.3%	14,377	11.5%
Two	221,729	30,468	13.7%	75,147	33.9%	78,306	35.3%	23,878	10.8%	13,930	6.3%
Three	60,069	9,059	15.1%	17,723	29.5%	21,659	36.1%	6,427	10.7%	5,201	8.7%
Four	48,897	7,214	14.8%	15,902	32.5%	15,023	30.7%	6,379	13.0%	4,378	9.0%
Five +	29,337	5,119	17.4%	8,335	28.4%	8,975	30.6%	3,219	11.0%	3,689	12.6%
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	5,931	10.0%	13,065	22.0%	21,210	35.7%	9,235	15.5%	10,040	16.9%
\$25,000 - \$49,999	137,082	15,553	11.3%	40,270	29.4%	54,178	39.5%	16,572	12.1%	10,509	7.7%
\$50,000 - \$74,999	123,824	16,960	13.7%	36,791	29.7%	47,979	38.7%	12,025	9.7%	10,070	8.1%
\$75,000 - \$99,999	66,780	10,829	16.2%	24,612	36.9%	20,028	30.0%	7,843	11.7%	3,468	5.2%
\$100,000 +	97,644	17,388	17.8%	34,540	35.4%	28,596	29.3%	9,632	9.9%	7,489	7.7%
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	17,420	11.0%	41,892	26.3%	59,288	37.3%	21,438	13.5%	18,949	11.9%
No	325,824	49,240	15.1%	107,386	33.0%	112,703	34.6%	33,869	10.4%	22,626	6.9%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	6,187	12.0%	14,880	28.9%	16,660	32.4%	5,896	11.5%	7,806	15.2%
No	409,630	56,342	13.8%	127,918	31.2%	146,452	35.8%	47,004	11.5%	31,915	7.8%
Undeclared	23,751	4,131	17.4%	6,480	27.3%	8,879	37.4%	2,407	10.1%	1,854	7.8%
<b>FIRST NATION ON RESERVE</b>											
FIRST NATION ON RESERVE	15,456	2,580	16.7%	5,365	34.7%	2,617	16.9%	2,326	15.0%	2,568	16.6%
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	61,647	14.0%	138,609	31.5%	156,050	35.5%	49,103	11.2%	33,929	7.7%
Satisfactory	22,395	2,922	13.0%	5,476	24.5%	8,251	36.8%	2,187	9.8%	3,560	15.9%
Poor	23,077	2,091	9.1%	5,192	22.5%	7,690	33.3%	4,017	17.4%	4,085	17.7%
<b>DWELLING OWNERSHIP</b>											
Own	404,316	54,843	13.6%	131,031	32.4%	142,265	35.2%	48,261	11.9%	27,916	6.9%
Rent / Other	80,495	11,817	14.7%	18,247	22.7%	29,726	36.9%	7,046	8.8%	13,659	17.0%

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.10  
BASEMENT TYPES**

	NO		FULL		PARTIAL		CRAWL		
	TOTAL	BASEMENT	%	BASEMENT	%		%	SPACE	%
<b>OVERALL</b>	<b>484,811</b>	<b>107,673</b>	<b>22.2%</b>	<b>287,756</b>	<b>59.4%</b>	<b>57,549</b>	<b>11.9%</b>	<b>31,833</b>	<b>6.6%</b>
<b>FUEL AREA</b>									
Winnipeg City	261,760	70,126	26.8%	161,076	61.5%	26,517	10.1%	4,041	1.5%
Gas Available	140,021	23,813	17.0%	90,487	64.6%	15,782	11.3%	9,940	7.1%
No Gas Available	83,030	13,734	16.5%	36,193	43.6%	15,250	18.4%	17,852	21.5%
<b>DWELLING TYPE</b>									
Single Detached	373,568	29,839	8.0%	260,399	69.7%	55,448	14.8%	27,882	7.5%
Multi Attached	46,834	13,425	28.7%	27,356	58.4%	2,101	4.5%	3,951	8.4%
Apartment Suite	64,409	64,409	100.0%	0	0.0%	0	0.0%	0	0.0%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	11,627	30.9%	19,250	51.1%	2,238	5.9%	4,530	12.0%
1990-2009	89,181	19,397	21.8%	53,636	60.1%	5,136	5.8%	11,012	12.3%
1970-1989	161,749	36,915	22.8%	95,908	59.3%	18,413	11.4%	10,513	6.5%
1950-1969	110,314	23,222	21.1%	73,576	66.7%	10,993	10.0%	2,524	2.3%
Pre 1950	85,922	16,512	19.2%	45,386	52.8%	20,770	24.2%	3,254	3.8%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	59,838	31.2%	80,989	42.3%	24,670	12.9%	26,141	13.6%
Natural Gas Heat	249,938	10,970	4.4%	203,544	81.4%	30,843	12.3%	4,581	1.8%
Other Fuel	6,945	1,231	17.7%	2,816	40.5%	2,036	29.3%	862	12.4%
Shared (No Heat on Bill)	36,289	35,634	98.2%	406	1.1%	0	0.0%	249	0.7%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	47,464	38.0%	54,879	44.0%	13,334	10.7%	9,103	7.3%
Two	221,729	44,562	20.1%	135,504	61.1%	25,930	11.7%	15,733	7.1%
Three	60,069	8,464	14.1%	41,213	68.6%	7,309	12.2%	3,082	5.1%
Four	48,897	3,944	8.1%	35,704	73.0%	6,920	14.2%	2,329	4.8%
Five +	29,337	3,239	11.0%	20,456	69.7%	4,056	13.8%	1,585	5.4%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	22,946	38.6%	23,046	38.7%	6,730	11.3%	6,758	11.4%
\$25,000 - \$49,999	137,082	38,990	28.4%	72,334	52.8%	17,189	12.5%	8,570	6.3%
\$50,000 - \$74,999	123,824	24,424	19.7%	77,398	62.5%	13,737	11.1%	8,265	6.7%
\$75,000 - \$99,999	66,780	9,834	14.7%	44,676	66.9%	8,310	12.4%	3,959	5.9%
\$100,000 +	97,644	11,480	11.8%	70,301	72.0%	11,583	11.9%	4,281	4.4%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	47,624	30.0%	77,937	49.0%	20,130	12.7%	13,295	8.4%
No	325,824	60,049	18.4%	209,818	64.4%	37,419	11.5%	18,537	5.7%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	12,263	23.8%	22,621	44.0%	7,729	15.0%	8,816	17.1%
No	409,630	91,851	22.4%	248,551	60.7%	47,116	11.5%	22,113	5.4%
Undeclared	23,751	3,560	15.0%	16,583	69.8%	2,705	11.4%	904	3.8%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	4,129	26.7%	3,890	25.2%	2,190	14.2%	5,247	34.0%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	94,382	21.5%	266,409	60.6%	52,402	11.9%	26,146	6.0%
Satisfactory	22,395	5,586	24.9%	12,616	56.3%	2,334	10.4%	1,859	8.3%
Poor	23,077	7,705	33.4%	8,731	37.8%	2,813	12.2%	3,828	16.6%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	51,702	12.8%	272,956	67.5%	53,571	13.2%	26,086	6.5%
Rent / Other	80,495	55,971	69.5%	14,799	18.4%	3,978	4.9%	5,746	7.1%

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.11  
BASEMENT WALL INSULATION**

	TOTAL	NO BASEMENT	%	NO INSULATION	%	PARTIAL INSULATION	%	MOSTLY INSULATED	%	FULL INSULATION	%
<b>OVERALL</b>	<b>484,811</b>	<b>107,673</b>	<b>22.2%</b>	<b>40,587</b>	<b>8.4%</b>	<b>40,396</b>	<b>8.3%</b>	<b>83,845</b>	<b>17.3%</b>	<b>212,310</b>	<b>43.8%</b>
<b>FUEL AREA</b>											
Winnipeg City	261,760	70,126	26.8%	15,964	6.1%	21,740	8.3%	49,814	19.0%	104,115	39.8%
Gas Available	140,021	23,813	17.0%	12,551	9.0%	9,215	6.6%	21,322	15.2%	73,120	52.2%
No Gas Available	83,030	13,734	16.5%	12,072	14.5%	9,440	11.4%	12,709	15.3%	35,074	42.2%
<b>DWELLING TYPE</b>											
Single Detached	373,568	29,839	8.0%	36,716	9.8%	36,513	9.8%	73,853	19.8%	196,647	52.6%
Multi Attached	46,834	13,425	28.7%	3,871	8.3%	3,883	8.3%	9,993	21.3%	15,663	33.4%
Apartment Suite	64,409	64,409	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	11,627	30.9%	500	1.3%	165	0.4%	504	1.3%	24,849	66.0%
1990-2009	89,181	19,397	21.8%	3,098	3.5%	2,112	2.4%	4,404	4.9%	60,170	67.5%
1970-1989	161,749	36,915	22.8%	7,764	4.8%	9,133	5.6%	39,224	24.2%	68,712	42.5%
1950-1969	110,314	23,222	21.1%	9,142	8.3%	14,500	13.1%	26,990	24.5%	36,460	33.1%
Pre 1950	85,922	16,512	19.2%	20,082	23.4%	14,486	16.9%	12,723	14.8%	22,119	25.7%
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	59,838	31.2%	18,937	9.9%	13,668	7.1%	26,132	13.6%	73,064	38.1%
Natural Gas Heat	249,938	10,970	4.4%	19,277	7.7%	25,647	10.3%	56,615	22.7%	137,429	55.0%
Other Fuel	6,945	1,231	17.7%	2,374	34.2%	675	9.7%	849	12.2%	1,817	26.2%
Shared (No Heat on Bill)	36,289	35,634	98.2%	0	0.0%	406	1.1%	249	0.7%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	47,464	38.0%	12,727	10.2%	10,902	8.7%	19,924	16.0%	33,762	27.1%
Two	221,729	44,562	20.1%	17,303	7.8%	17,392	7.8%	35,223	15.9%	107,249	48.4%
Three	60,069	8,464	14.1%	4,291	7.1%	5,488	9.1%	12,482	20.8%	29,343	48.8%
Four	48,897	3,944	8.1%	4,529	9.3%	4,116	8.4%	9,873	20.2%	26,435	54.1%
Five +	29,337	3,239	11.0%	1,737	5.9%	2,497	8.5%	6,343	21.6%	15,519	52.9%
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	22,946	38.6%	7,682	12.9%	5,848	9.8%	8,992	15.1%	14,013	23.6%
\$25,000 - \$49,999	137,082	38,990	28.4%	12,743	9.3%	13,188	9.6%	24,387	17.8%	47,774	34.9%
\$50,000 - \$74,999	123,824	24,424	19.7%	9,927	8.0%	10,320	8.3%	22,422	18.1%	56,730	45.8%
\$75,000 - \$99,999	66,780	9,834	14.7%	4,559	6.8%	4,940	7.4%	11,346	17.0%	36,101	54.1%
\$100,000 +	97,644	11,480	11.8%	5,676	5.8%	6,100	6.2%	16,697	17.1%	57,691	59.1%
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	47,624	30.0%	16,711	10.5%	14,904	9.4%	28,372	17.8%	51,375	32.3%
No	325,824	60,049	18.4%	23,876	7.3%	25,492	7.8%	55,473	17.0%	160,935	49.4%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	12,263	23.8%	5,371	10.4%	5,872	11.4%	7,700	15.0%	20,223	39.3%
No	409,630	91,851	22.4%	33,264	8.1%	31,832	7.8%	72,046	17.6%	180,637	44.1%
Undeclared	23,751	3,560	15.0%	1,952	8.2%	2,691	11.3%	4,099	17.3%	11,450	48.2%
<b>FIRST NATION ON RESERVE</b>											
FIRST NATION ON RESERVE	15,456	4,129	26.7%	2,220	14.4%	1,094	7.1%	2,213	14.3%	5,800	37.5%
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	94,382	21.5%	34,078	7.8%	36,559	8.3%	75,880	17.3%	198,440	45.2%
Satisfactory	22,395	5,586	24.9%	2,808	12.5%	1,696	7.6%	5,027	22.4%	7,278	32.5%
Poor	23,077	7,705	33.4%	3,701	16.0%	2,141	9.3%	2,938	12.7%	6,592	28.6%
<b>DWELLING OWNERSHIP</b>											
Own	404,316	51,702	12.8%	33,772	8.4%	36,383	9.0%	79,334	19.6%	203,124	50.2%
Rent / Other	80,495	55,971	69.5%	6,815	8.5%	4,012	5.0%	4,511	5.6%	9,185	11.4%

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.12**

**TYPE OF INSULATION IN BASEMENT**

	NO		%	FIBERGLASS		RIGID		SPRAY		IC-		%	NO		
	TOTAL	BASEMENT				FOAM		FOAM		FOAM			INSULATION		
<b>OVERALL</b>	<b>484,811</b>	<b>107,673</b>	<b>22.2%</b>	<b>259,750</b>	<b>53.6%</b>	<b>38,252</b>	<b>7.9%</b>	<b>15,290</b>	<b>3.2%</b>	<b>18,746</b>	<b>3.9%</b>	<b>4,512</b>	<b>0.9%</b>	<b>40,587</b>	<b>8.4%</b>
<b>FUEL AREA</b>															
Winnipeg City	261,760	70,126	26.8%	148,432	56.7%	13,901	5.3%	8,658	3.3%	2,728	1.0%	1,951	0.7%	15,964	6.1%
Gas Available	140,021	23,813	17.0%	71,772	51.3%	14,821	10.6%	4,427	3.2%	11,423	8.2%	1,213	0.9%	12,551	9.0%
No Gas Available	83,030	13,734	16.5%	39,546	47.6%	9,530	11.5%	2,204	2.7%	4,595	5.5%	1,348	1.6%	12,072	14.5%
<b>DWELLING TYPE</b>															
Single Detached	373,568	29,839	8.0%	234,759	62.8%	36,435	9.8%	14,359	3.8%	16,947	4.5%	4,512	1.2%	36,716	9.8%
Multi Attached	46,834	13,425	28.7%	24,991	53.4%	1,817	3.9%	931	2.0%	1,799	3.8%	0	0.0%	3,871	8.3%
Apartment Suite	64,409	64,409	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>BUILDING CODE ERA</b>															
2010-2017	37,645	11,627	30.9%	13,787	36.6%	1,244	3.3%	2,716	7.2%	7,267	19.3%	503	1.3%	500	1.3%
1990-2009	89,181	19,397	21.8%	49,302	55.3%	7,576	8.5%	2,642	3.0%	6,302	7.1%	864	1.0%	3,098	3.5%
1970-1989	161,749	36,915	22.8%	98,228	60.7%	13,666	8.4%	2,360	1.5%	1,673	1.0%	1,142	0.7%	7,764	4.8%
1950-1969	110,314	23,222	21.1%	64,338	58.3%	8,856	8.0%	2,218	2.0%	1,541	1.4%	997	0.9%	9,142	8.3%
Pre 1950	85,922	16,512	19.2%	34,095	39.7%	6,911	8.0%	5,354	6.2%	1,963	2.3%	1,005	1.2%	20,082	23.4%
<b>SPACE HEAT FUEL</b>															
Electric Heat	191,639	59,838	31.2%	74,346	38.8%	20,135	10.5%	4,370	2.3%	11,994	6.3%	2,019	1.1%	18,937	9.9%
Natural Gas Heat	249,938	10,970	4.4%	182,009	72.8%	18,118	7.2%	10,452	4.2%	6,752	2.7%	2,361	0.9%	19,277	7.7%
Other Fuel	6,945	1,231	17.7%	2,741	39.5%	0	0.0%	469	6.7%	0	0.0%	131	1.9%	2,374	34.2%
Shared (No Heat on Bill)	36,289	35,634	98.2%	655	1.8%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>															
One	124,779	47,464	38.0%	52,084	41.7%	7,293	5.8%	3,073	2.5%	1,418	1.1%	721	0.6%	12,727	10.2%
Two	221,729	44,562	20.1%	123,906	55.9%	20,697	9.3%	5,116	2.3%	8,441	3.8%	1,704	0.8%	17,303	7.8%
Three	60,069	8,464	14.1%	36,903	61.4%	3,995	6.7%	2,689	4.5%	2,729	4.5%	998	1.7%	4,291	7.1%
Four	48,897	3,944	8.1%	29,597	60.5%	3,635	7.4%	2,995	6.1%	3,510	7.2%	687	1.4%	4,529	9.3%
Five +	29,337	3,239	11.0%	17,261	58.8%	2,632	9.0%	1,417	4.8%	2,649	9.0%	401	1.4%	1,737	5.9%
<b>HOUSEHOLD INCOME</b>															
Less Than \$25,000	59,481	22,946	38.6%	22,962	38.6%	3,248	5.5%	929	1.6%	1,100	1.8%	614	1.0%	7,682	12.9%
\$25,000 - \$49,999	137,082	38,990	28.4%	66,117	48.2%	12,047	8.8%	3,241	2.4%	3,077	2.2%	868	0.6%	12,743	9.3%
\$50,000 - \$74,999	123,824	24,424	19.7%	68,996	55.7%	10,458	8.4%	2,929	2.4%	5,520	4.5%	1,570	1.3%	9,927	8.0%
\$75,000 - \$99,999	66,780	9,834	14.7%	40,939	61.3%	5,127	7.7%	2,182	3.3%	3,667	5.5%	473	0.7%	4,559	6.8%
\$100,000 +	97,644	11,480	11.8%	60,737	62.2%	7,372	7.6%	6,009	6.2%	5,382	5.5%	988	1.0%	5,676	5.8%
<b>WINNIPEG LICO-125 CLASS</b>															
Yes	158,987	47,624	30.0%	73,536	46.3%	12,105	7.6%	3,490	2.2%	3,997	2.5%	1,524	1.0%	16,711	10.5%
No	325,824	60,049	18.4%	186,215	57.2%	26,148	8.0%	11,800	3.6%	14,750	4.5%	2,988	0.9%	23,876	7.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>															
Yes	51,429	12,263	23.8%	25,399	49.4%	3,924	7.6%	1,421	2.8%	2,032	4.0%	1,019	2.0%	5,371	10.4%
No	409,630	91,851	22.4%	219,091	53.5%	32,615	8.0%	13,564	3.3%	15,970	3.9%	3,275	0.8%	33,264	8.1%
Undeclared	23,751	3,560	15.0%	15,260	64.2%	1,713	7.2%	305	1.3%	744	3.1%	217	0.9%	1,952	8.2%
<b>FIRST NATION ON RESERVE</b>															
FIRST NATION ON RESERVE	15,456	4,129	26.7%	7,701	49.8%	466	3.0%	62	0.4%	311	2.0%	566	3.7%	2,220	14.4%
<b>BILL PAYMENT RATING</b>															
Excellent	439,339	94,382	21.5%	238,940	54.4%	35,734	8.1%	14,638	3.3%	17,710	4.0%	3,858	0.9%	34,078	7.8%
Satisfactory	22,395	5,586	24.9%	11,637	52.0%	899	4.0%	521	2.3%	640	2.9%	305	1.4%	2,808	12.5%
Poor	23,077	7,705	33.4%	9,173	39.8%	1,620	7.0%	131	0.6%	397	1.7%	349	1.5%	3,701	16.0%
<b>DWELLING OWNERSHIP</b>															
Own	404,316	51,702	12.8%	243,931	60.3%	37,104	9.2%	15,228	3.8%	18,479	4.6%	4,101	1.0%	33,772	8.4%
Rent / Other	80,495	55,971	69.5%	15,820	19.7%	1,149	1.4%	62	0.1%	267	0.3%	411	0.5%	6,815	8.5%

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.13  
RESIDENTIAL BASEMENT FINISH**

	NO		PARTIALLY		MOSTLY		FULLY		
	TOTAL	BASEMENT %	UNFINISHED	%	FINISHED	%	FINISHED	%	
<b>OVERALL</b>	<b>484,811</b>	<b>107,673 22.2%</b>	<b>101,900</b>	<b>21.0%</b>	<b>53,838</b>	<b>11.1%</b>	<b>92,479</b>	<b>19.1%</b>	<b>128,920 26.6%</b>
<b>FUEL AREA</b>									
Winnipeg City	261,760	70,126 26.8%	36,614 14.0%		28,985 11.1%		56,241 21.5%		69,794 26.7%
Gas Available	140,021	23,813 17.0%	32,128 22.9%		14,776 10.6%		24,328 17.4%		44,977 32.1%
No Gas Available	83,030	13,734 16.5%	33,158 39.9%		10,078 12.1%		11,910 14.3%		14,149 17.0%
<b>DWELLING TYPE</b>									
Single Detached	373,568	29,839 8.0%	90,487 24.2%		48,567 13.0%		84,875 22.7%		119,800 32.1%
Multi Attached	46,834	13,425 28.7%	11,413 24.4%		5,271 11.3%		7,604 16.2%		9,120 19.5%
Apartment Suite	64,409	64,409 100.0%	0 0.0%		0 0.0%		0 0.0%		0 0.0%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	11,627 30.9%	10,860 28.8%		3,030 8.0%		2,757 7.3%		9,372 24.9%
1990-2009	89,181	19,397 21.8%	21,205 23.8%		6,191 6.9%		13,699 15.4%		28,688 32.2%
1970-1989	161,749	36,915 22.8%	25,430 15.7%		15,799 9.8%		35,132 21.7%		48,472 30.0%
1950-1969	110,314	23,222 21.1%	14,411 13.1%		15,549 14.1%		26,659 24.2%		30,475 27.6%
Pre 1950	85,922	16,512 19.2%	29,994 34.9%		13,270 15.4%		14,233 16.6%		11,914 13.9%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	59,838 31.2%	53,798 28.1%		16,983 8.9%		25,272 13.2%		35,748 18.7%
Natural Gas Heat	249,938	10,970 4.4%	45,347 18.1%		36,299 14.5%		65,866 26.4%		91,456 36.6%
Other Fuel	6,945	1,231 17.7%	2,755 39.7%		556 8.0%		687 9.9%		1,717 24.7%
Shared (No Heat on Bill)	36,289	35,634 98.2%	0 0.0%		0 0.0%		655 1.8%		0 0.0%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	47,464 38.0%	27,792 22.3%		12,467 10.0%		16,787 13.5%		20,270 16.2%
Two	221,729	44,562 20.1%	49,331 22.2%		22,641 10.2%		43,498 19.6%		61,697 27.8%
Three	60,069	8,464 14.1%	10,584 17.6%		8,311 13.8%		12,203 20.3%		20,508 34.1%
Four	48,897	3,944 8.1%	9,737 19.9%		6,328 12.9%		12,622 25.8%		16,266 33.3%
Five +	29,337	3,239 11.0%	4,457 15.2%		4,092 13.9%		7,369 25.1%		10,180 34.7%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	22,946 38.6%	14,744 24.8%		5,859 9.9%		8,358 14.1%		7,574 12.7%
\$25,000 - \$49,999	137,082	38,990 28.4%	30,183 22.0%		17,446 12.7%		23,844 17.4%		26,619 19.4%
\$50,000 - \$74,999	123,824	24,424 19.7%	26,885 21.7%		11,830 9.6%		24,918 20.1%		35,767 28.9%
\$75,000 - \$99,999	66,780	9,834 14.7%	13,210 19.8%		8,213 12.3%		13,178 19.7%		22,345 33.5%
\$100,000 +	97,644	11,480 11.8%	16,878 17.3%		10,490 10.7%		22,182 22.7%		36,615 37.5%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	47,624 30.0%	36,098 22.7%		19,334 12.2%		26,283 16.5%		29,647 18.6%
No	325,824	60,049 18.4%	65,802 20.2%		34,504 10.6%		66,196 20.3%		99,273 30.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	12,263 23.8%	14,193 27.6%		5,060 9.8%		8,802 17.1%		11,111 21.6%
No	409,630	91,851 22.4%	83,171 20.3%		45,746 11.2%		77,594 18.9%		111,269 27.2%
Undeclared	23,751	3,560 15.0%	4,536 19.1%		3,032 12.8%		6,083 25.6%		6,541 27.5%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	4,129 26.7%	4,762 30.8%		1,280 8.3%		3,314 21.4%		1,970 12.7%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	94,382 21.5%	90,469 20.6%		49,366 11.2%		84,536 19.2%		120,585 27.4%
Satisfactory	22,395	5,586 24.9%	5,213 23.3%		2,056 9.2%		4,413 19.7%		5,127 22.9%
Poor	23,077	7,705 33.4%	6,218 26.9%		2,416 10.5%		3,529 15.3%		3,208 13.9%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	51,702 12.8%	90,564 22.4%		49,659 12.3%		86,558 21.4%		125,833 31.1%
Rent / Other	80,495	55,971 69.5%	11,336 14.1%		4,179 5.2%		5,921 7.4%		3,087 3.8%

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.14  
MOST COMMON DWELLING PROBLEMS**

	WINDOW CONDENSATION			LOW HUMID		ODOUR AND SMELLS		HIGH HUMID		ICE DAMS		BASEMENT LEAKS		MOLD AND MILDEW		ROOF CONDENSATION	
	TOTAL	ATION	%	HUMID	%	SMELLS	%	HUMID	%	DAMS	%	LEAKS	%	MILDEW	%	ATION	%
<b>OVERALL</b>	484,811	123,355	25.4%	110,927	22.9%	65,782	13.6%	43,644	9.0%	32,674	6.7%	41,877	8.6%	34,971	7.2%	11,583	2.4%
<b>FUEL AREA</b>																	
Winnipeg City	261,760	61,683	23.6%	62,757	24.0%	39,546	15.1%	20,458	7.8%	18,995	7.3%	21,085	8.1%	19,055	7.3%	5,897	2.3%
Gas Available	140,021	35,572	25.4%	29,739	21.2%	14,074	10.1%	12,767	9.1%	7,357	5.3%	9,662	6.9%	5,704	4.1%	1,902	1.4%
No Gas Available	83,030	26,100	31.4%	18,431	22.2%	12,161	14.6%	10,419	12.5%	6,322	7.6%	11,129	13.4%	10,212	12.3%	3,784	4.6%
<b>DWELLING TYPE</b>																	
Single Detached	373,568	98,527	26.4%	81,898	21.9%	38,749	10.4%	34,881	9.3%	27,774	7.4%	34,606	9.3%	25,268	6.8%	11,063	3.0%
Multi Attached	46,834	11,332	24.2%	9,210	19.7%	8,727	18.6%	4,055	8.7%	3,476	7.4%	4,816	10.3%	4,003	8.5%	520	1.1%
Apartment Suite	64,409	13,496	21.0%	19,820	30.8%	18,305	28.4%	4,708	7.3%	1,424	2.2%	2,455	3.8%	5,700	8.8%	0	0.0%
<b>BUILDING CODE ERA</b>																	
2010-2017	37,645	7,381	19.6%	4,609	12.2%	3,211	8.5%	2,093	5.6%	427	1.1%	214	0.6%	1,649	4.4%	1,026	2.7%
1990-2009	89,181	23,775	26.7%	20,129	22.6%	8,568	9.6%	7,898	8.9%	2,748	3.1%	2,902	3.3%	5,186	5.8%	1,246	1.4%
1970-1989	161,749	43,992	27.2%	34,988	21.6%	21,381	13.2%	16,567	10.2%	7,378	4.6%	8,591	5.3%	10,491	6.5%	2,916	1.8%
1950-1969	110,314	29,359	26.6%	24,624	22.3%	19,991	18.1%	11,594	10.5%	8,508	7.7%	13,646	12.4%	10,635	9.6%	2,425	2.2%
Pre 1950	85,922	18,848	21.9%	26,576	30.9%	12,631	14.7%	5,491	6.4%	13,614	15.8%	16,524	19.2%	7,010	8.2%	3,970	4.6%
<b>SPACE HEAT FUEL</b>																	
Electric Heat	191,639	54,691	28.5%	42,444	22.1%	28,133	14.7%	20,473	10.7%	11,217	5.9%	15,811	8.3%	16,952	8.8%	5,271	2.8%
Natural Gas Heat	249,938	59,661	23.9%	54,732	21.9%	24,619	9.8%	18,699	7.5%	18,825	7.5%	21,420	8.6%	12,926	5.2%	5,447	2.2%
Other Fuel	6,945	1,830	26.4%	3,151	45.4%	731	10.5%	1,024	14.7%	1,289	18.6%	1,012	14.6%	818	11.8%	865	12.5%
Shared (No Heat on Bill)	36,289	7,173	19.8%	10,599	29.2%	12,299	33.9%	3,447	9.5%	1,343	3.7%	3,633	10.0%	4,275	11.8%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>																	
One	124,779	24,694	19.8%	30,246	24.2%	19,844	15.9%	10,562	8.5%	6,840	5.5%	11,536	9.2%	7,694	6.2%	1,789	1.4%
Two	221,729	50,376	22.7%	51,320	23.1%	24,544	11.1%	15,116	6.8%	14,550	6.6%	16,578	7.5%	11,161	5.0%	3,540	1.6%
Three	60,069	18,429	30.7%	12,535	20.9%	8,583	14.3%	6,474	10.8%	3,177	5.3%	4,855	8.1%	4,857	8.1%	1,265	2.1%
Four	48,897	17,734	36.3%	10,559	21.6%	6,960	14.2%	6,387	13.1%	4,768	9.8%	5,309	10.9%	4,898	10.0%	3,041	6.2%
Five +	29,337	12,121	41.3%	6,267	21.4%	5,851	19.9%	5,105	17.4%	3,340	11.4%	3,598	12.3%	6,361	21.7%	1,948	6.6%
<b>HOUSEHOLD INCOME</b>																	
Less Than \$25,000	59,481	17,532	29.5%	14,957	25.1%	11,068	18.6%	7,047	11.8%	4,935	8.3%	8,438	14.2%	8,207	13.8%	1,940	3.3%
\$25,000 - \$49,999	137,082	32,691	23.8%	34,708	25.3%	19,764	14.4%	11,885	8.7%	7,557	5.5%	12,410	9.1%	8,701	6.3%	2,688	2.0%
\$50,000 - \$74,999	123,824	29,954	24.2%	28,260	22.8%	17,820	14.4%	10,927	8.8%	6,859	5.5%	9,830	7.9%	8,767	7.1%	3,279	2.6%
\$75,000 - \$99,999	66,780	18,733	28.1%	12,301	18.4%	6,979	10.5%	5,946	8.9%	4,179	6.3%	4,376	6.6%	4,243	6.4%	1,542	2.3%
\$100,000 +	97,644	24,445	25.0%	20,701	21.2%	10,150	10.4%	7,839	8.0%	9,145	9.4%	6,823	7.0%	5,053	5.2%	2,135	2.2%
<b>WINNIPEG LICO-125 CLASS</b>																	
Yes	158,987	43,723	27.5%	39,930	25.1%	26,364	16.6%	17,122	10.8%	11,171	7.0%	17,456	11.0%	16,956	10.7%	4,877	3.1%
No	325,824	79,632	24.4%	70,997	21.8%	39,418	12.1%	26,522	8.1%	21,503	6.6%	24,420	7.5%	18,015	5.5%	6,706	2.1%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>																	
Yes	51,429	17,999	35.0%	11,452	22.3%	13,558	26.4%	7,977	15.5%	4,670	9.1%	6,826	13.3%	10,294	20.0%	2,621	5.1%
No	409,630	99,660	24.3%	95,043	23.2%	49,862	12.2%	33,650	8.2%	27,203	6.6%	32,637	8.0%	23,206	5.7%	8,246	2.0%
Undeclared	23,751	5,695	24.0%	4,432	18.7%	2,362	9.9%	2,016	8.5%	801	3.4%	2,413	10.2%	1,471	6.2%	716	3.0%
<b>FIRST NATION ON RESERVE</b>																	
FIRST NATION ON RESERVE	15,456	7,703	49.8%	2,937	19.0%	5,614	36.3%	3,382	21.9%	1,941	12.6%	2,101	13.6%	6,225	40.3%	1,499	9.7%
<b>BILL PAYMENT RATING</b>																	
Excellent	439,339	105,721	24.1%	101,136	23.0%	54,696	12.4%	36,199	8.2%	26,932	6.1%	35,936	8.2%	26,011	5.9%	9,776	2.2%
Satisfactory	22,395	7,786	34.8%	4,880	21.8%	5,718	25.5%	2,990	13.4%	2,647	11.8%	2,926	13.1%	2,848	12.7%	676	3.0%
Poor	23,077	9,848	42.7%	4,911	21.3%	5,368	23.3%	4,455	19.3%	3,095	13.4%	3,015	13.1%	6,112	26.5%	1,131	4.9%
<b>DWELLING OWNERSHIP</b>																	
Own	404,316	98,925	24.5%	89,889	22.2%	38,823	9.6%	33,856	8.4%	27,051	6.7%	34,046	8.4%	21,795	5.4%	10,121	2.5%
Rent / Other	80,495	24,429	30.3%	21,038	26.1%	26,959	33.5%	9,788	12.2%	5,623	7.0%	7,830	9.7%	13,176	16.4%	1,462	1.8%

**2017 RESIDENTIAL SURVEY SECTION 1 - DWELLING CHARACTERISTICS - REFERENCE TABLE 1.15  
DWELLING PROJECTS UNDERTAKEN IN THE LAST THREE YEARS**

	REPLACED		INSULATED		INSULATED		INSULATED		REDUCE		
	TOTAL	%	BASEMENT	%	WALLS	%	ATTIC	%	AIR LEAK	%	
<b>OVERALL</b>	<b>484,811</b>	<b>97,744</b>	<b>20.2%</b>	<b>21,802</b>	<b>4.5%</b>	<b>14,437</b>	<b>3.0%</b>	<b>23,342</b>	<b>4.8%</b>	<b>58,091</b>	<b>12.0%</b>
<b>FUEL AREA</b>											
Winnipeg City	261,760	54,990	21.0%	11,176	4.3%	5,832	2.2%	10,696	4.1%	32,253	12.3%
Gas Available	140,021	25,644	18.3%	5,452	3.9%	3,727	2.7%	6,142	4.4%	14,512	10.4%
No Gas Available	83,030	17,109	20.6%	5,174	6.2%	4,878	5.9%	6,504	7.8%	11,326	13.6%
<b>DWELLING TYPE</b>											
Single Detached	373,568	91,873	24.6%	19,980	5.3%	14,177	3.8%	21,588	5.8%	53,145	14.2%
Multi Attached	46,834	5,871	12.5%	1,822	3.9%	260	0.6%	1,754	3.7%	4,946	10.6%
Apartment Suite	64,409	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	754	2.0%	1,379	3.7%	626	1.7%	683	1.8%	1,255	3.3%
1990-2009	89,181	9,750	10.9%	1,932	2.2%	477	0.5%	2,263	2.5%	4,552	5.1%
1970-1989	161,749	40,239	24.9%	5,651	3.5%	4,059	2.5%	6,960	4.3%	19,718	12.2%
1950-1969	110,314	25,964	23.5%	6,654	6.0%	4,702	4.3%	6,586	6.0%	14,747	13.4%
Pre 1950	85,922	21,037	24.5%	6,185	7.2%	4,572	5.3%	6,850	8.0%	17,819	20.7%
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	32,537	17.0%	8,908	4.6%	6,215	3.2%	9,348	4.9%	21,587	11.3%
Natural Gas Heat	249,938	63,061	25.2%	12,556	5.0%	7,547	3.0%	13,319	5.3%	33,577	13.4%
Other Fuel	6,945	1,702	24.5%	337	4.9%	675	9.7%	675	9.7%	2,039	29.4%
Shared (No Heat on Bill)	36,289	444	1.2%	0	0.0%	0	0.0%	0	0.0%	888	2.4%
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	19,315	15.5%	5,450	4.4%	3,985	3.2%	5,044	4.0%	13,062	10.5%
Two	221,729	47,561	21.5%	7,658	3.5%	6,059	2.7%	10,161	4.6%	26,521	12.0%
Three	60,069	14,718	24.5%	2,961	4.9%	1,462	2.4%	3,589	6.0%	7,518	12.5%
Four	48,897	11,320	23.2%	4,099	8.4%	1,964	4.0%	2,379	4.9%	7,518	15.4%
Five +	29,337	4,829	16.5%	1,634	5.6%	967	3.3%	2,170	7.4%	3,471	11.8%
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	7,366	12.4%	1,762	3.0%	835	1.4%	1,886	3.2%	5,386	9.1%
\$25,000 - \$49,999	137,082	25,893	18.9%	5,441	4.0%	4,058	3.0%	6,260	4.6%	16,114	11.8%
\$50,000 - \$74,999	123,824	26,823	21.7%	6,186	5.0%	4,673	3.8%	6,431	5.2%	15,560	12.6%
\$75,000 - \$99,999	66,780	14,473	21.7%	3,360	5.0%	2,249	3.4%	3,333	5.0%	8,121	12.2%
\$100,000 +	97,644	23,189	23.7%	5,051	5.2%	2,623	2.7%	5,433	5.6%	12,910	13.2%
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	26,018	16.4%	6,549	4.1%	4,687	2.9%	6,938	4.4%	16,975	10.7%
No	325,824	71,726	22.0%	15,253	4.7%	9,749	3.0%	16,404	5.0%	41,116	12.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	8,689	16.9%	2,534	4.9%	2,025	3.9%	2,759	5.4%	5,321	10.3%
No	409,630	83,386	20.4%	18,033	4.4%	11,893	2.9%	19,700	4.8%	49,955	12.2%
Undeclared	23,751	5,669	23.9%	1,235	5.2%	519	2.2%	883	3.7%	2,814	11.8%
<b>FIRST NATION ON RESERVE</b>											
FIRST NATION ON RESERVE	15,456	1,094	0.0%	534	0.0%	155	0.0%	622	0.0%	529	0.0%
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	92,130	21.0%	19,754	4.5%	12,812	2.9%	21,214	4.8%	52,197	11.9%
Satisfactory	22,395	3,477	15.5%	945	4.2%	685	3.1%	899	4.0%	2,609	11.6%
Poor	23,077	2,136	9.3%	1,103	4.8%	940	4.1%	1,229	5.3%	3,285	14.2%
<b>DWELLING OWNERSHIP</b>											
Own	404,316	97,744	24.2%	21,802	5.4%	14,437	3.6%	23,342	5.8%	58,091	14.4%
Rent / Other	80,495	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%





# **SECTION 2**

## **SPACE HEATING**

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.01  
SPACE HEATING FUEL**

	ELECTRIC		NATURAL		OTHER		SHARED (NO		
	TOTAL	HEAT	%	GAS HEAT	%	FUEL	%	HEAT ON BILL)	%
<b>OVERALL</b>	<b>484,811</b>	191,639	39.5%	249,938	51.6%	6,945	1.4%	36,289	7.5%
<b>FUEL AREA</b>									
Winnipeg City	261,760	40,915	15.6%	187,891	71.8%	530	0.2%	32,424	12.4%
Gas Available	140,021	72,952	52.1%	62,047	44.3%	2,123	1.5%	2,899	2.1%
No Gas Available	83,030	77,772	93.7%	0	0.0%	4,292	5.2%	966	1.2%
<b>DWELLING TYPE</b>									
Single Detached	373,568	142,312	38.1%	224,311	60.0%	6,945	1.9%	0	0.0%
Multi Attached	46,834	18,309	39.1%	23,378	49.9%	0	0.0%	5,147	11.0%
Apartment Suite	64,409	31,018	48.2%	2,249	3.5%	0	0.0%	31,142	48.4%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	22,296	59.2%	14,606	38.8%	600	1.6%	143	0.4%
1990-2009	89,181	45,317	50.8%	41,052	46.0%	1,155	1.3%	1,657	1.9%
1970-1989	161,749	71,800	44.4%	80,474	49.8%	1,873	1.2%	7,601	4.7%
1950-1969	110,314	26,349	23.9%	65,566	59.4%	1,277	1.2%	17,122	15.5%
Pre 1950	85,922	25,878	30.1%	48,240	56.1%	2,039	2.4%	9,765	11.4%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	191,639	100.0%	0	0.0%	0	0.0%	0	0.0%
Natural Gas Heat	249,938	0	0.0%	249,938	100.0%	0	0.0%	0	0.0%
Other Fuel	6,945	0	0.0%	0	0.0%	6,945	100.0%	0	0.0%
Shared (No Heat on Bill)	36,289	0	0.0%	0	0.0%	0	0.0%	36,289	100.0%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	52,102	41.8%	49,489	39.7%	2,769	2.2%	20,419	16.4%
Two	221,729	92,279	41.6%	114,446	51.6%	1,905	0.9%	13,099	5.9%
Three	60,069	19,704	32.8%	37,305	62.1%	1,012	1.7%	2,048	3.4%
Four	48,897	13,680	28.0%	33,931	69.4%	996	2.0%	290	0.6%
Five +	29,337	13,873	47.3%	14,768	50.3%	262	0.9%	434	1.5%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	31,151	52.4%	15,766	26.5%	3,544	6.0%	9,019	15.2%
\$25,000 - \$49,999	137,082	64,229	46.9%	61,104	44.6%	469	0.3%	11,281	8.2%
\$50,000 - \$74,999	123,824	46,938	37.9%	66,076	53.4%	1,524	1.2%	9,286	7.5%
\$75,000 - \$99,999	66,780	24,794	37.1%	39,427	59.0%	675	1.0%	1,884	2.8%
\$100,000 +	97,644	24,527	25.1%	67,564	69.2%	734	0.8%	4,820	4.9%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	78,001	49.1%	60,742	38.2%	4,013	2.5%	16,231	10.2%
No	325,824	113,638	34.9%	189,196	58.1%	2,932	0.9%	20,058	6.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	31,001	60.3%	15,289	29.7%	1,462	2.8%	3,677	7.2%
No	409,630	151,957	37.1%	220,003	53.7%	5,059	1.2%	32,612	8.0%
Undeclared	23,751	8,681	36.5%	14,646	61.7%	425	1.8%	0	0.0%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	14,869	96.2%	0	0.0%	525	3.4%	63	0.4%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	167,896	38.2%	234,030	53.3%	5,408	1.2%	32,004	7.3%
Satisfactory	22,395	10,533	47.0%	10,012	44.7%	393	1.8%	1,458	6.5%
Poor	23,077	13,210	57.2%	5,896	25.5%	1,143	5.0%	2,828	12.3%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	151,221	37.4%	238,662	59.0%	5,821	1.4%	8,612	2.1%
Rent / Other	80,495	40,418	50.2%	11,276	14.0%	1,124	1.4%	27,677	34.4%

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.02  
AVERAGE ANNUAL KILOWATT HOURS - WEATHER ADJUSTED**

	TOTAL	OVERALL	ELECTRIC HEAT	NATURAL GAS HEAT	OTHER FUEL	SHARED (NO HEAT ON BILL)
<b>OVERALL</b>	484,811	15,503	23,742	10,976	13,940	3,478
<b>FUEL AREA</b>						
Winnipeg City	261,760	9,706	11,960	10,316	11,420	3,295
Gas Available	140,021	19,813	26,299	12,974	15,740	5,936
No Gas Available	83,030	26,515	27,543	0	13,361	2,225
<b>DWELLING TYPE</b>						
Single Detached	373,568	17,859	28,308	11,352	13,940	0
Multi Attached	46,834	10,623	15,734	7,940	0	4,629
Apartment Suite	64,409	5,387	7,523	5,005	0	3,287
<b>BUILDING CODE ERA</b>						
2010-2017	37,645	16,968	17,724	15,919	18,170	1,153
1990-2009	89,181	18,809	24,740	12,877	16,801	4,940
1970-1989	161,749	15,424	21,810	10,824	13,669	4,241
1950-1969	110,314	13,301	28,719	9,756	15,016	3,022
Pre 1950	85,922	14,408	27,474	9,772	10,651	3,468
<b>SPACE HEAT FUEL</b>						
Electric Heat	191,639	23,742	23,742	0	0	0
Natural Gas Heat	249,938	10,976	0	10,976	0	0
Other Fuel	6,945	13,940	0	0	13,940	0
Shared (No Heat on Bill)	36,289	3,478	0	0	0	3,478
<b>PEOPLE PER HOUSEHOLD</b>						
One	124,779	10,866	17,156	7,362	13,939	2,895
Two	221,729	15,927	24,136	10,691	13,453	4,212
Three	60,069	16,578	26,256	12,053	18,826	4,784
Four	48,897	18,859	31,868	14,039	9,006	3,126
Five +	29,337	24,227	34,277	15,536	17,367	2,803
<b>HOUSEHOLD INCOME</b>						
Less Than \$25,000	59,481	14,626	21,375	8,287	14,063	2,614
\$25,000 - \$49,999	137,082	14,434	21,746	8,910	5,058	3,112
\$50,000 - \$74,999	123,824	15,139	24,027	10,313	20,280	3,699
\$75,000 - \$99,999	66,780	16,939	26,164	11,717	13,527	6,060
\$100,000 +	97,644	17,021	28,985	13,687	6,227	4,511
<b>WINNIPEG LICO-125 CLASS</b>						
Yes	158,987	15,267	22,622	9,296	13,012	2,826
No	325,824	15,619	24,511	11,515	15,211	4,005
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>						
Yes	51,429	21,281	28,444	11,661	14,944	3,410
No	409,630	14,737	22,739	10,923	12,738	3,485
Undeclared	23,751	16,215	24,508	11,051	0	0
<b>FIRST NATION ON RESERVE</b>						
FIRST NATION ON RESERVE	15,456	30,250	30,982	0	12,003	9,322
<b>BILL PAYMENT RATING</b>						
Excellent	439,339	15,101	23,371	10,811	13,660	3,323
Satisfactory	22,395	18,062	24,992	12,785	13,530	5,453
Poor	23,077	20,688	27,467	14,430	15,407	4,204
<b>DWELLING OWNERSHIP</b>						
Own	404,316	16,497	25,773	11,119	13,254	4,860
Rent / Other	80,495	10,512	16,146	7,941	17,492	3,047

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.03  
AVERAGE ANNUAL KILOWATT HOURS PER SQUARE FOOT - WEATHER ADJUSTED**

	TOTAL	OVERALL	ELECTRIC HEAT	NATURAL GAS HEAT	OTHER FUEL	SHARED (NO HEAT ON BILL)
<b>OVERALL</b>	484,811	12.9	20.3	8.5	14.4	4.0
<b>FUEL AREA</b>						
Winnipeg City	261,760	8.1	11.4	8.1	8.9	3.9
Gas Available	140,021	15.7	21.4	9.6	15.4	5.0
No Gas Available	83,030	23.3	24.0	0.0	14.5	3.1
<b>DWELLING TYPE</b>						
Single Detached	373,568	14.4	23.5	8.7	14.4	0.0
Multi Attached	46,834	9.9	15.6	6.9	0.0	3.8
Apartment Suite	64,409	6.2	8.4	5.2	0.0	4.0
<b>BUILDING CODE ERA</b>						
2010-2017	37,645	12.7	15.0	8.9	25.1	1.9
1990-2009	89,181	14.6	20.6	8.3	15.4	5.0
1970-1989	161,749	12.7	18.5	8.2	13.0	4.6
1950-1969	110,314	11.7	23.9	8.6	15.7	4.3
Pre 1950	85,922	13.2	25.7	8.7	11.0	3.0
<b>SPACE HEAT FUEL</b>						
Electric Heat	191,639	20.3	20.3	0.0	0.0	0.0
Natural Gas Heat	249,938	8.5	0.0	8.5	0.0	0.0
Other Fuel	6,945	14.4	0.0	0.0	14.4	0.0
Shared (No Heat on Bill)	36,289	4.0	0.0	0.0	0.0	4.0
<b>PEOPLE PER HOUSEHOLD</b>						
One	124,779	10.6	17.0	6.6	13.8	3.6
Two	221,729	12.8	19.6	8.2	13.6	4.5
Three	60,069	13.7	23.2	9.0	18.9	4.9
Four	48,897	14.2	24.6	10.3	7.5	5.7
Five +	29,337	19.5	28.7	11.0	35.2	2.5
<b>HOUSEHOLD INCOME</b>						
Less Than \$25,000	59,481	15.5	22.9	7.6	15.5	4.0
\$25,000 - \$49,999	137,082	12.9	19.3	8.0	6.8	3.8
\$50,000 - \$74,999	123,824	12.7	19.9	8.6	20.8	4.1
\$75,000 - \$99,999	66,780	12.8	19.9	8.8	9.7	4.4
\$100,000 +	97,644	11.6	20.8	8.8	4.9	4.2
<b>WINNIPEG LICO-125 CLASS</b>						
Yes	158,987	14.4	21.5	8.2	14.4	3.9
No	325,824	12.1	19.5	8.5	14.3	4.1
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>						
Yes	51,429	20.0	27.0	9.7	18.5	4.5
No	409,630	12.0	18.9	8.4	12.7	4.0
Undeclared	23,751	13.2	20.4	8.7	0.0	0.0
<b>FIRST NATION ON RESERVE</b>						
FIRST NATION ON RESERVE	15,456	33.1	33.5	0.0	22.4	9.1
<b>BILL PAYMENT RATING</b>						
Excellent	439,339	12.4	19.6	8.3	13.3	4.0
Satisfactory	22,395	16.0	22.6	10.6	24.3	2.8
Poor	23,077	20.0	27.1	11.9	15.9	5.2
<b>DWELLING OWNERSHIP</b>						
Own	404,316	13.2	21.1	8.5	13.3	3.9
Rent / Other	80,495	11.6	17.5	7.9	19.8	4.0

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.04  
AVERAGE ANNUAL CUBIC METERS NATURAL GAS WEATHER ADJUSTED**

	# OF GAS CUSTOMERS	CUBIC METERS	CUBIC METERS/SQFT
<b>OVERALL</b>	253,922	2,142.8	1.7
<b>FUEL AREA</b>			
Winnipeg City	188,765	2,163.4	1.7
Gas Available	65,157	2,083.2	1.6
No Gas Available			
<b>DWELLING TYPE</b>			
Single Detached	227,980	2,195.8	1.7
Multi Attached	23,510	1,787.1	1.5
Apartment Suite	2,432	613.8	0.6
<b>BUILDING CODE ERA</b>			
2010-2017	14,858	1,699.5	0.9
1990-2009	41,557	2,068.7	1.3
1970-1989	82,621	2,077.4	1.6
1950-1969	65,902	2,121.7	1.9
Pre 1950	48,983	2,479.1	2.1
<b>SPACE HEAT FUEL</b>			
Electric Heat	3,984	777.8	0.8
Natural Gas Heat	249,938	2,164.6	1.7
Other Fuel	0	0.0	0.0
Shared (No Heat on Bill)	0	0.0	0.0
<b>PEOPLE PER HOUSEHOLD</b>			
One	49,938	2,034.9	1.9
Two	116,859	2,131.9	1.6
Three	37,838	2,223.7	1.7
Four	34,099	2,186.9	1.6
Five +	15,188	2,281.7	1.5
<b>HOUSEHOLD INCOME</b>			
Less Than \$25,000	15,935	1,972.0	1.9
\$25,000 - \$49,999	62,162	2,036.4	1.9
\$50,000 - \$74,999	67,198	2,048.9	1.7
\$75,000 - \$99,999	40,099	2,140.3	1.6
\$100,000 +	68,528	2,372.6	1.5
<b>WINNIPEG LICO-125 CLASS</b>			
Yes	61,724	2,045.8	1.9
No	192,198	2,174.0	1.6
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>			
Yes	15,289	2,094.2	1.8
No	223,622	2,139.8	1.7
Undeclared	15,011	2,238.2	1.8
<b>FIRST NATION ON RESERVE</b>			
FIRST NATION ON RESERVE	0	0.0	0.0
<b>BILL PAYMENT RATING</b>			
Excellent	237,663	2,134.7	1.7
Satisfactory	10,279	2,073.4	1.8
Poor	5,980	2,584.2	2.0
<b>DWELLING OWNERSHIP</b>			
Own	242,646	2,157.4	1.7
Rent / Other	11,276	1,828.7	1.8

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.05a**  
**RESIDENTIAL PRIMARY SPACE HEATING SYSTEMS**

	HI-EFF			MID-EFF			STD-EFF			ELEC BASE-		ELEC		ELEC	
	TOTAL	N.GAS FURN	%	N.GAS FURN	%	N.GAS FURN	%	N.GAS BOILER	%	BOARD	%	FURN	%	BOILER	%
<b>OVERALL</b>	<b>484,811</b>	156,016	32.2%	63,070	13.0%	22,167	4.6%	8,684	1.8%	51,150	10.6%	126,463	26.1%	4,728	1.0%
<b>FUEL AREA</b>															
Winnipeg City	261,760	118,516	45.3%	45,820	17.5%	16,207	6.2%	7,349	2.8%	14,713	5.6%	23,655	9.0%	761	0.3%
Gas Available	140,021	37,501	26.8%	17,250	12.3%	5,960	4.3%	1,336	1.0%	16,245	11.6%	50,766	36.3%	1,891	1.4%
No Gas Available	83,030	0	0.0%	0	0.0%	0	0.0%	0	0.0%	20,192	24.3%	52,043	62.7%	2,076	2.5%
<b>DWELLING TYPE</b>															
Single Detached	373,568	142,471	38.1%	56,125	15.0%	17,599	4.7%	8,116	2.2%	33,296	8.9%	96,526	25.8%	4,335	1.2%
Multi Attached	46,834	12,850	27.4%	6,039	12.9%	3,921	8.4%	568	1.2%	6,089	13.0%	11,824	25.2%	68	0.1%
Apartment Suite	64,409	696	1.1%	906	1.4%	647	1.0%	0	0.0%	11,765	18.3%	18,114	28.1%	326	0.5%
<b>BUILDING CODE ERA</b>															
2010-2017	37,645	13,797	36.7%	477	1.3%	0	0.0%	332	0.9%	1,402	3.7%	19,210	51.0%	380	1.0%
1990-2009	89,181	25,884	29.0%	11,938	13.4%	2,910	3.3%	320	0.4%	7,470	8.4%	32,898	36.9%	1,546	1.7%
1970-1989	161,749	50,650	31.3%	20,397	12.6%	8,672	5.4%	754	0.5%	27,531	17.0%	41,530	25.7%	408	0.3%
1950-1969	110,314	39,497	35.8%	20,222	18.3%	4,670	4.2%	1,178	1.1%	6,818	6.2%	17,655	16.0%	1,240	1.1%
Pre 1950	85,922	26,189	30.5%	10,036	11.7%	5,914	6.9%	6,100	7.1%	7,930	9.2%	15,170	17.7%	1,155	1.3%
<b>SPACE HEAT FUEL</b>															
Electric Heat	191,639	0	0.0%	0	0.0%	0	0.0%	0	0.0%	51,150	26.7%	126,463	66.0%	4,728	2.5%
Natural Gas Heat	249,938	156,016	62.4%	63,070	25.2%	22,167	8.9%	8,684	3.5%	0	0.0%	0	0.0%	0	0.0%
Other Fuel	6,945	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>															
One	124,779	27,934	22.4%	13,373	10.7%	6,495	5.2%	1,687	1.4%	18,670	15.0%	31,790	25.5%	693	0.6%
Two	221,729	71,100	32.1%	31,799	14.3%	8,572	3.9%	2,974	1.3%	23,931	10.8%	60,656	27.4%	2,250	1.0%
Three	60,069	23,241	38.7%	8,681	14.5%	4,082	6.8%	1,302	2.2%	4,132	6.9%	13,365	22.2%	994	1.7%
Four	48,897	23,488	48.0%	6,841	14.0%	1,558	3.2%	2,044	4.2%	2,415	4.9%	9,871	20.2%	212	0.4%
Five +	29,337	10,254	35.0%	2,376	8.1%	1,461	5.0%	676	2.3%	2,002	6.8%	10,781	36.7%	579	2.0%
<b>HOUSEHOLD INCOME</b>															
Less Than \$25,000	59,481	8,347	14.0%	4,214	7.1%	2,644	4.4%	562	0.9%	10,985	18.5%	18,840	31.7%	454	0.8%
\$25,000 - \$49,999	137,082	34,421	25.1%	18,559	13.5%	6,832	5.0%	1,292	0.9%	19,076	13.9%	41,805	30.5%	1,037	0.8%
\$50,000 - \$74,999	123,824	40,887	33.0%	17,276	14.0%	5,679	4.6%	2,234	1.8%	11,744	9.5%	32,285	26.1%	1,264	1.0%
\$75,000 - \$99,999	66,780	24,745	37.1%	9,655	14.5%	3,596	5.4%	1,431	2.1%	5,108	7.6%	16,859	25.2%	959	1.4%
\$100,000 +	97,644	47,617	48.8%	13,366	13.7%	3,416	3.5%	3,165	3.2%	4,237	4.3%	16,674	17.1%	1,015	1.0%
<b>WINNIPEG LICO-125 CLASS</b>															
Yes	158,987	34,667	21.8%	16,414	10.3%	7,692	4.8%	1,969	1.2%	23,391	14.7%	51,027	32.1%	1,268	0.8%
No	325,824	121,349	37.2%	46,656	14.3%	14,475	4.4%	6,715	2.1%	27,759	8.5%	75,436	23.2%	3,461	1.1%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>															
Yes	51,429	9,077	17.7%	3,796	7.4%	1,585	3.1%	831	1.6%	8,292	16.1%	20,666	40.2%	659	1.3%
No	409,630	137,537	33.6%	55,999	13.7%	18,728	4.6%	7,739	1.9%	40,398	9.9%	100,309	24.5%	3,746	0.9%
Undeclared	23,751	9,402	39.6%	3,275	13.8%	1,854	7.8%	115	0.5%	2,460	10.4%	5,489	23.1%	324	1.4%
<b>FIRST NATION ON RESERVE</b>															
FIRST NATION ON RESERVE	15,456	0	0.0%	0	0.0%	0	0.0%	0	0.0%	4,028	26.1%	9,990	64.6%	68	0.4%
<b>BILL PAYMENT RATING</b>															
Excellent	439,339	147,174	33.5%	58,810	13.4%	20,051	4.6%	7,996	1.8%	44,425	10.1%	110,984	25.3%	4,405	1.0%
Satisfactory	22,395	5,558	24.8%	2,802	12.5%	1,537	6.9%	115	0.5%	3,601	16.1%	6,341	28.3%	112	0.5%
Poor	23,077	3,285	14.2%	1,458	6.3%	579	2.5%	574	2.5%	3,124	13.5%	9,139	39.6%	212	0.9%
<b>DWELLING OWNERSHIP</b>															
Own	404,316	150,882	37.3%	59,566	14.7%	20,403	5.0%	7,811	1.9%	37,607	9.3%	100,880	25.0%	4,397	1.1%
Rent / Other	80,495	5,135	6.4%	3,504	4.4%	1,764	2.2%	873	1.1%	13,544	16.8%	25,583	31.8%	331	0.4%

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.05b**  
**RESIDENTIAL PRIMARY SPACE HEATING SYSTEMS (CONTINUED)**

	TOTAL	GEO HEAT		AIR HEAT		WOOD		PROPANE		OIL		SHARED			
		PUMP	%	PUMP	%	STOVE	%	FURN	%	FURN	%	OTHER	%	HEAT	%
<b>OVERALL</b>	<b>484,811</b>	7,556	1.6%	882	0.2%	2,342	0.5%	2,985	0.6%	2,477	0.5%	0	0.0%	36,289	7.5%
<b>FUEL AREA</b>															
Winnipeg City	261,760	1,104	0.4%	681	0.3%	0	0.0%	265	0.1%	265	0.1%	0	0.0%	32,424	12.4%
Gas Available	140,021	3,548	2.5%	201	0.1%	1,274	0.9%	1,150	0.8%	0	0.0%	0	0.0%	2,899	2.1%
No Gas Available	83,030	2,903	3.5%	0	0.0%	1,068	1.3%	1,570	1.9%	2,212	2.7%	0	0.0%	966	1.2%
<b>DWELLING TYPE</b>															
Single Detached	373,568	6,739	1.8%	557	0.1%	2,342	0.6%	2,985	0.8%	2,477	0.7%	0	0.0%	0	0.0%
Multi Attached	46,834	328	0.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5,147	11.0%
Apartment Suite	64,409	488	0.8%	326	0.5%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	31,142	48.4%
<b>BUILDING CODE ERA</b>															
2010-2017	37,645	978	2.6%	326	0.9%	131	0.3%	337	0.9%	131	0.3%	0	0.0%	143	0.4%
1990-2009	89,181	3,302	3.7%	0	0.0%	556	0.6%	438	0.5%	262	0.3%	0	0.0%	1,657	1.9%
1970-1989	161,749	1,641	1.0%	356	0.2%	893	0.6%	1,184	0.7%	131	0.1%	0	0.0%	7,601	4.7%
1950-1969	110,314	536	0.5%	0	0.0%	0	0.0%	100	0.1%	1,277	1.2%	0	0.0%	17,122	15.5%
Pre 1950	85,922	1,099	1.3%	201	0.2%	762	0.9%	926	1.1%	675	0.8%	0	0.0%	9,765	11.4%
<b>SPACE HEAT FUEL</b>															
Electric Heat	191,639	7,556	3.9%	882	0.5%	0	0.0%	859	0.4%	0	0.0%	0	0.0%	0	0.0%
Natural Gas Heat	249,938	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Other Fuel	6,945	0	0.0%	0	0.0%	2,342	33.7%	2,126	30.6%	2,477	35.7%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	36,289	0.0%
<b>PEOPLE PER HOUSEHOLD</b>															
One	124,779	526	0.4%	0	0.0%	1,318	1.1%	1,611	1.3%	265	0.2%	0	0.0%	20,419	16.4%
Two	221,729	4,437	2.0%	782	0.4%	425	0.2%	898	0.4%	806	0.4%	0	0.0%	13,099	5.9%
Three	60,069	1,113	1.9%	100	0.2%	0	0.0%	0	0.0%	1,012	1.7%	0	0.0%	2,048	3.4%
Four	48,897	1,182	2.4%	0	0.0%	469	1.0%	265	0.5%	262	0.5%	0	0.0%	290	0.6%
Five +	29,337	298	1.0%	0	0.0%	131	0.4%	212	0.7%	131	0.4%	0	0.0%	434	1.5%
<b>HOUSEHOLD INCOME</b>															
Less Than \$25,000	59,481	660	1.1%	0	0.0%	556	0.9%	1,061	1.8%	2,139	3.6%	0	0.0%	9,019	15.2%
\$25,000 - \$49,999	137,082	1,764	1.3%	100	0.1%	469	0.3%	446	0.3%	0	0.0%	0	0.0%	11,281	8.2%
\$50,000 - \$74,999	123,824	1,466	1.2%	178	0.1%	849	0.7%	337	0.3%	337	0.3%	0	0.0%	9,286	7.5%
\$75,000 - \$99,999	66,780	1,605	2.4%	163	0.2%	0	0.0%	775	1.2%	0	0.0%	0	0.0%	1,884	2.8%
\$100,000 +	97,644	2,060	2.1%	441	0.5%	469	0.5%	365	0.4%	0	0.0%	0	0.0%	4,820	4.9%
<b>WINNIPEG LICO-125 CLASS</b>															
Yes	158,987	1,768	1.1%	0	0.0%	1,024	0.6%	1,396	0.9%	2,139	1.3%	0	0.0%	16,231	10.2%
No	325,824	5,787	1.8%	882	0.3%	1,318	0.4%	1,590	0.5%	337	0.1%	0	0.0%	20,058	6.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>															
Yes	51,429	1,095	2.1%	178	0.3%	262	0.5%	112	0.2%	1,199	2.3%	0	0.0%	3,677	7.2%
No	409,630	6,164	1.5%	704	0.2%	1,655	0.4%	2,762	0.7%	1,277	0.3%	0	0.0%	32,612	8.0%
Undeclared	23,751	296	1.2%	0	0.0%	425	1.8%	112	0.5%	0	0.0%	0	0.0%	0	0.0%
<b>FIRST NATION ON RESERVE</b>															
FIRST NATION ON RESERVE	15,456	783	5.1%	0	0.0%	262	1.7%	0	0.0%	262	1.7%	0	0.0%	63	0.4%
<b>BILL PAYMENT RATING</b>															
Excellent	439,339	6,565	1.5%	882	0.2%	1,873	0.4%	2,762	0.6%	1,408	0.3%	0	0.0%	32,004	7.3%
Satisfactory	22,395	479	2.1%	0	0.0%	131	0.6%	0	0.0%	262	1.2%	0	0.0%	1,458	6.5%
Poor	23,077	512	2.2%	0	0.0%	337	1.5%	223	1.0%	806	3.5%	0	0.0%	2,828	12.3%
<b>DWELLING OWNERSHIP</b>															
Own	404,316	6,859	1.7%	719	0.2%	2,080	0.5%	2,885	0.7%	1,615	0.4%	0	0.0%	8,612	2.1%
Rent / Other	80,495	697	0.9%	163	0.2%	262	0.3%	100	0.1%	862	1.1%	0	0.0%	27,677	34.4%

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.06  
AGE (YEARS) OF RESIDENTIAL PRIMARY SPACE HEATING SYSTEMS**

	AVE. LESS THAN											SHARED		
	TOTAL	AGE	4	%	4 TO 9	%	10 TO 15	%	16 TO 20	%	OVER 20	%	HEAT	%
<b>OVERALL</b>	<b>484,811</b>	<b>14.6</b>	87,419	18.0%	114,776	23.7%	86,994	17.9%	37,948	7.8%	121,384	25.0%	36,289	7.5%
<b>FUEL AREA</b>														
Winnipeg City	261,760	12.9	49,242	18.8%	67,845	25.9%	48,897	18.7%	17,732	6.8%	45,621	17.4%	32,424	12.4%
Gas Available	140,021	15.1	27,005	19.3%	32,649	23.3%	24,902	17.8%	12,803	9.1%	39,764	28.4%	2,899	2.1%
No Gas Available	83,030	18.8	11,173	13.5%	14,283	17.2%	13,196	15.9%	7,414	8.9%	35,999	43.4%	966	1.2%
<b>DWELLING TYPE</b>														
Single Detached	373,568	14.2	67,142	18.0%	101,785	27.2%	78,760	21.1%	32,477	8.7%	93,404	25.0%	0	0.0%
Multi Attached	46,834	14.1	11,881	25.4%	8,518	18.2%	6,048	12.9%	3,871	8.3%	11,368	24.3%	5,147	11.0%
Apartment Suite	64,409	19.8	8,396	13.0%	4,473	6.9%	2,187	3.4%	1,600	2.5%	16,612	25.8%	31,142	48.4%
<b>BUILDING CODE ERA</b>														
2010-2017	37,645	2.8	34,004	90.3%	3,497	9.3%	0	0.0%	0	0.0%	0	0.0%	143	0.4%
1990-2009	89,181	12.4	8,046	9.0%	31,297	35.1%	23,570	26.4%	8,484	9.5%	16,126	18.1%	1,657	1.9%
1970-1989	161,749	18.4	18,469	11.4%	35,702	22.1%	26,506	16.4%	11,115	6.9%	62,357	38.6%	7,601	4.7%
1950-1969	110,314	14.7	15,221	13.8%	24,724	22.4%	20,655	18.7%	9,811	8.9%	22,782	20.7%	17,122	15.5%
Pre 1950	85,922	15.3	11,679	13.6%	19,557	22.8%	16,263	18.9%	8,539	9.9%	20,119	23.4%	9,765	11.4%
<b>SPACE HEAT FUEL</b>														
Electric Heat	191,639	18.3	33,528	17.5%	37,866	19.8%	23,498	12.3%	14,570	7.6%	82,178	42.9%	0	0.0%
Natural Gas Heat	249,938	11.8	52,823	21.1%	76,149	30.5%	60,890	24.4%	23,113	9.2%	36,963	14.8%	0	0.0%
Other Fuel	6,945	16.9	1,068	15.4%	762	11.0%	2,607	37.5%	265	3.8%	2,243	32.3%	0	0.0%
Shared (No Heat on Bill)	36,289	0.0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	36,289	100.0%
<b>PEOPLE PER HOUSEHOLD</b>														
One	124,779	16.6	18,776	15.0%	23,373	18.7%	18,267	14.6%	7,635	6.1%	36,309	29.1%	20,419	16.4%
Two	221,729	14.5	38,878	17.5%	53,457	24.1%	41,697	18.8%	20,581	9.3%	54,017	24.4%	13,099	5.9%
Three	60,069	14.5	10,980	18.3%	15,491	25.8%	11,009	18.3%	4,459	7.4%	16,082	26.8%	2,048	3.4%
Four	48,897	12.4	11,154	22.8%	14,838	30.3%	10,575	21.6%	3,062	6.3%	8,978	18.4%	290	0.6%
Five +	29,337	12.4	7,632	26.0%	7,616	26.0%	5,446	18.6%	2,212	7.5%	5,998	20.4%	434	1.5%
<b>HOUSEHOLD INCOME</b>														
Less Than \$25,000	59,481	18.7	8,046	13.5%	8,958	15.1%	8,216	13.8%	3,998	6.7%	21,245	35.7%	9,019	15.2%
\$25,000 - \$49,999	137,082	16.1	20,161	14.7%	29,000	21.2%	25,140	18.3%	11,917	8.7%	39,584	28.9%	11,281	8.2%
\$50,000 - \$74,999	123,824	14.3	21,657	17.5%	29,580	23.9%	22,332	18.0%	10,838	8.8%	30,131	24.3%	9,286	7.5%
\$75,000 - \$99,999	66,780	13.0	15,743	23.6%	17,764	26.6%	12,119	18.1%	4,769	7.1%	14,500	21.7%	1,884	2.8%
\$100,000 +	97,644	11.9	21,812	22.3%	29,474	30.2%	19,188	19.7%	6,427	6.6%	15,923	16.3%	4,820	4.9%
<b>WINNIPEG LICO-125 CLASS</b>														
Yes	158,987	17.0	23,098	14.5%	31,217	19.6%	26,287	16.5%	11,254	7.1%	50,900	32.0%	16,231	10.2%
No	325,824	13.5	64,321	19.7%	83,559	25.6%	60,707	18.6%	26,694	8.2%	70,484	21.6%	20,058	6.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>														
Yes	51,429	15.8	8,705	16.9%	10,011	19.5%	9,207	17.9%	4,413	8.6%	15,416	30.0%	3,677	7.2%
No	409,630	14.6	73,157	17.9%	97,726	23.9%	73,544	18.0%	31,829	7.8%	100,763	24.6%	32,612	8.0%
Undeclared	23,751	12.9	5,557	23.4%	7,039	29.6%	4,244	17.9%	1,706	7.2%	5,205	21.9%	0	0.0%
<b>FIRST NATION ON RESERVE</b>														
FIRST NATION ON RESERVE	15,456	15.2	2,486	16.1%	2,996	19.4%	3,078	19.9%	1,710	11.1%	5,123	33.1%	63	0.4%
<b>BILL PAYMENT RATING</b>														
Excellent	439,339	14.5	80,362	18.3%	106,418	24.2%	78,287	17.8%	34,399	7.8%	107,869	24.6%	32,004	7.3%
Satisfactory	22,395	15.7	3,718	16.6%	4,548	20.3%	4,261	19.0%	1,935	8.6%	6,476	28.9%	1,458	6.5%
Poor	23,077	16.9	3,339	14.5%	3,811	16.5%	4,446	19.3%	1,614	7.0%	7,039	30.5%	2,828	12.3%
<b>DWELLING OWNERSHIP</b>														
Own	404,316	14.1	75,131	18.6%	106,087	26.2%	81,298	20.1%	34,908	8.6%	98,279	24.3%	8,612	2.1%
Rent / Other	80,495	18.2	12,289	15.3%	8,689	10.8%	5,696	7.1%	3,040	3.8%	23,105	28.7%	27,677	34.4%



**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.07  
CUSTOMERS CHANGING SPACE HEAT FUEL TYPES**

	TOTAL	NO CHANGE	%	N.GAS TO ELECTRIC	%	ELECTRIC TO N.GAS	%	OTHER TO ELECTRIC	%
<b>OVERALL</b>	<b>484,811</b>	469,793	96.9%	2,365	0.5%	3,766	0.8%	8,887	1.8%
<b>FUEL AREA</b>									
Winnipeg City	261,760	258,163	98.6%	1,583	0.6%	1,836	0.7%	178	0.1%
Gas Available	140,021	133,532	95.4%	670	0.5%	1,930	1.4%	3,889	2.8%
No Gas Available	83,030	78,098	94.1%	112	0.1%	0	0.0%	4,820	5.8%
<b>DWELLING TYPE</b>									
Single Detached	373,568	358,770	96.0%	2,365	0.6%	3,766	1.0%	8,667	2.3%
Multi Attached	46,834	46,614	99.5%	0	0.0%	0	0.0%	220	0.5%
Apartment Suite	64,409	64,409	100.0%	0	0.0%	0	0.0%	0	0.0%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	37,241	98.9%	0	0.0%	217	0.6%	187	0.5%
1990-2009	89,181	87,537	98.2%	262	0.3%	217	0.2%	1,164	1.3%
1970-1989	161,749	157,587	97.4%	557	0.3%	1,810	1.1%	1,795	1.1%
1950-1969	110,314	106,231	96.3%	1,090	1.0%	1,074	1.0%	1,919	1.7%
Pre 1950	85,922	81,196	94.5%	456	0.5%	447	0.5%	3,822	4.4%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	180,728	94.3%	2,365	1.2%	84	0.0%	8,463	4.4%
Natural Gas Heat	249,938	246,256	98.5%	0	0.0%	3,682	1.5%	0	0.0%
Other Fuel	6,945	6,520	93.9%	0	0.0%	0	0.0%	425	6.1%
Shared (No Heat on Bill)	36,289	36,289	100.0%	0	0.0%	0	0.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	120,591	96.6%	536	0.4%	953	0.8%	2,699	2.2%
Two	221,729	214,563	96.8%	757	0.3%	2,161	1.0%	4,248	1.9%
Three	60,069	58,473	97.3%	467	0.8%	217	0.4%	912	1.5%
Four	48,897	47,666	97.5%	426	0.9%	205	0.4%	599	1.2%
Five +	29,337	28,499	97.1%	178	0.6%	230	0.8%	430	1.5%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	57,191	96.2%	0	0.0%	205	0.3%	2,085	3.5%
\$25,000 - \$49,999	137,082	131,840	96.2%	947	0.7%	941	0.7%	3,354	2.4%
\$50,000 - \$74,999	123,824	120,588	97.4%	636	0.5%	1,099	0.9%	1,501	1.2%
\$75,000 - \$99,999	66,780	64,907	97.2%	262	0.4%	754	1.1%	857	1.3%
\$100,000 +	97,644	95,267	97.6%	520	0.5%	767	0.8%	1,091	1.1%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	152,917	96.2%	591	0.4%	960	0.6%	4,519	2.8%
No	325,824	316,876	97.3%	1,774	0.5%	2,806	0.9%	4,368	1.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	49,314	95.9%	100	0.2%	103	0.2%	1,912	3.7%
No	409,630	397,545	97.0%	1,908	0.5%	3,434	0.8%	6,743	1.6%
Undeclared	23,751	22,934	96.6%	356	1.5%	230	1.0%	232	1.0%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	14,269	92.3%	0	0.0%	0	0.0%	1,187	7.7%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	426,028	97.0%	2,281	0.5%	3,331	0.8%	7,699	1.8%
Satisfactory	22,395	21,489	96.0%	0	0.0%	435	1.9%	472	2.1%
Poor	23,077	22,276	96.5%	84	0.4%	0	0.0%	717	3.1%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	390,376	96.6%	2,365	0.6%	3,766	0.9%	7,809	1.9%
Rent / Other	80,495	79,417	98.7%	0	0.0%	0	0.0%	1,078	1.3%

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.08  
RESIDENTIAL SUPPLEMENTAL SPACE HEATING SYSTEMS**

	ELECTRIC		ELECTRIC		ELECTRIC		NATURAL		WOOD		WOOD	
	TOTAL	BASEBOARDS %	PORTABLE HEATER %	FIREPLACE %	FIREPLACE %	GAS FIREPLACE %	STOVE %	FIREPLACE %				
<b>OVERALL</b>	<b>484,811</b>	78,376 16.2%	74,536 15.4%	37,846 7.8%	43,779 9.0%	25,968 5.4%	22,755 4.7%					
<b>FUEL AREA</b>												
Winnipeg City	261,760	36,692 14.0%	40,457 15.5%	20,910 8.0%	25,967 9.9%	3,635 1.4%	12,591 4.8%					
Gas Available	140,021	22,860 16.3%	19,016 13.6%	11,153 8.0%	17,812 12.7%	8,630 6.2%	5,946 4.2%					
No Gas Available	83,030	18,823 22.7%	15,063 18.1%	5,783 7.0%	0 0.0%	13,703 16.5%	4,218 5.1%					
<b>DWELLING TYPE</b>												
Single Detached	373,568	57,355 15.4%	60,915 16.3%	31,116 8.3%	40,779 10.9%	25,773 6.9%	19,241 5.2%					
Multi Attached	46,834	8,780 18.7%	8,604 18.4%	2,815 6.0%	2,395 5.1%	65 0.1%	1,600 3.4%					
Apartment Suite	64,409	12,241 19.0%	5,018 7.8%	3,915 6.1%	605 0.9%	129 0.2%	1,914 3.0%					
<b>BUILDING CODE ERA</b>												
2010-2017	37,645	2,088 5.5%	4,377 11.6%	3,452 9.2%	5,766 15.3%	569 1.5%	714 1.9%					
1990-2009	89,181	9,929 11.1%	12,598 14.1%	7,949 8.9%	16,163 18.1%	6,449 7.2%	3,431 3.8%					
1970-1989	161,749	33,162 20.5%	21,774 13.5%	12,751 7.9%	12,037 7.4%	9,910 6.1%	13,196 8.2%					
1950-1969	110,314	14,235 12.9%	17,785 16.1%	7,350 6.7%	6,468 5.9%	3,982 3.6%	2,899 2.6%					
Pre 1950	85,922	18,962 22.1%	18,002 21.0%	6,344 7.4%	3,345 3.9%	5,058 5.9%	2,515 2.9%					
<b>SPACE HEAT FUEL</b>												
Electric Heat	191,639	42,147 22.0%	26,500 13.8%	13,753 7.2%	3,552 1.9%	20,035 10.5%	9,218 4.8%					
Natural Gas Heat	249,938	28,188 11.3%	40,797 16.3%	21,169 8.5%	40,227 16.1%	4,996 2.0%	13,115 5.2%					
Other Fuel	6,945	1,423 20.5%	2,726 39.3%	602 8.7%	0 0.0%	937 13.5%	131 1.9%					
Shared (No Heat on Bill)	36,289	6,618 18.2%	4,514 12.4%	2,321 6.4%	0 0.0%	0 0.0%	290 0.8%					
<b>PEOPLE PER HOUSEHOLD</b>												
One	124,779	23,012 18.4%	15,574 12.5%	6,503 5.2%	4,955 4.0%	4,319 3.5%	3,778 3.0%					
Two	221,729	37,697 17.0%	31,676 14.3%	18,387 8.3%	23,868 10.8%	14,238 6.4%	11,310 5.1%					
Three	60,069	7,053 11.7%	11,876 19.8%	5,764 9.6%	6,527 10.9%	3,861 6.4%	3,652 6.1%					
Four	48,897	6,277 12.8%	10,129 20.7%	4,967 10.2%	5,813 11.9%	1,960 4.0%	2,377 4.9%					
Five +	29,337	4,337 14.8%	5,281 18.0%	2,225 7.6%	2,616 8.9%	1,590 5.4%	1,638 5.6%					
<b>HOUSEHOLD INCOME</b>												
Less Than \$25,000	59,481	13,989 23.5%	10,311 17.3%	1,524 2.6%	699 1.2%	3,607 6.1%	1,759 3.0%					
\$25,000 - \$49,999	137,082	23,891 17.4%	20,269 14.8%	9,550 7.0%	7,175 5.2%	7,660 5.6%	4,467 3.3%					
\$50,000 - \$74,999	123,824	15,866 12.8%	18,605 15.0%	11,440 9.2%	10,946 8.8%	6,061 4.9%	5,265 4.3%					
\$75,000 - \$99,999	66,780	8,565 12.8%	9,585 14.4%	7,030 10.5%	6,834 10.2%	4,909 7.4%	3,711 5.6%					
\$100,000 +	97,644	16,065 16.5%	15,766 16.1%	8,302 8.5%	18,125 18.6%	3,731 3.8%	7,553 7.7%					
<b>WINNIPEG LICO-125 CLASS</b>												
Yes	158,987	30,816 19.4%	25,785 16.2%	8,381 5.3%	5,634 3.5%	9,464 6.0%	5,116 3.2%					
No	325,824	47,561 14.6%	48,751 15.0%	29,465 9.0%	38,144 11.7%	16,504 5.1%	17,638 5.4%					
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>												
Yes	51,429	10,290 20.0%	10,141 19.7%	3,158 6.1%	1,736 3.4%	4,840 9.4%	2,331 4.5%					
No	409,630	65,529 16.0%	60,962 14.9%	33,312 8.1%	39,937 9.7%	19,934 4.9%	19,546 4.8%					
Undeclared	23,751	2,557 10.8%	3,434 14.5%	1,376 5.8%	2,106 8.9%	1,194 5.0%	878 3.7%					
<b>FIRST NATION ON RESERVE</b>												
FIRST NATION ON RESERVE	15,456	3,581 23.2%	3,046 19.7%	876 5.7%	0 0.0%	2,308 14.9%	287 1.9%					
<b>BILL PAYMENT RATING</b>												
Excellent	439,339	70,739 16.1%	65,676 14.9%	34,267 7.8%	41,514 9.4%	21,735 4.9%	21,324 4.9%					
Satisfactory	22,395	2,711 12.1%	3,974 17.7%	1,510 6.7%	1,861 8.3%	2,218 9.9%	1,053 4.7%					
Poor	23,077	4,927 21.3%	4,886 21.2%	2,069 9.0%	404 1.8%	2,015 8.7%	378 1.6%					
<b>DWELLING OWNERSHIP</b>												
Own	404,316	61,499 15.2%	64,536 16.0%	33,050 8.2%	43,187 10.7%	23,510 5.8%	21,005 5.2%					
Rent / Other	80,495	16,877 21.0%	10,001 12.4%	4,796 6.0%	592 0.7%	2,457 3.1%	1,750 2.2%					

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.09  
THERMOSTAT CONTROL FOR THE MAIN HEATING SYSTEM**

	TOTAL	NO THERMOSTAT	%	ROOM CONTROL	%	MANUAL CONTROL	%	PROGRAM MABLE	%	SMART	%
<b>OVERALL</b>	<b>484,811</b>	15,496	<b>3.2%</b>	54,944	<b>11.3%</b>	173,593	<b>35.8%</b>	219,934	<b>45.4%</b>	20,844	<b>4.3%</b>
<b>FUEL AREA</b>											
Winnipeg City	261,760	12,202	<b>4.7%</b>	22,043	<b>8.4%</b>	74,562	<b>28.5%</b>	139,571	<b>53.3%</b>	13,382	<b>5.1%</b>
Gas Available	140,021	1,666	<b>1.2%</b>	15,569	<b>11.1%</b>	56,236	<b>40.2%</b>	61,109	<b>43.6%</b>	5,440	<b>3.9%</b>
No Gas Available	83,030	1,628	<b>2.0%</b>	17,331	<b>20.9%</b>	42,795	<b>51.5%</b>	19,254	<b>23.2%</b>	2,021	<b>2.4%</b>
<b>DWELLING TYPE</b>											
Single Detached	373,568	2,342	<b>0.6%</b>	29,061	<b>7.8%</b>	129,726	<b>34.7%</b>	192,893	<b>51.6%</b>	19,547	<b>5.2%</b>
Multi Attached	46,834	1,137	<b>2.4%</b>	4,842	<b>10.3%</b>	19,323	<b>41.3%</b>	20,398	<b>43.6%</b>	1,134	<b>2.4%</b>
Apartment Suite	64,409	12,017	<b>18.7%</b>	21,041	<b>32.7%</b>	24,545	<b>38.1%</b>	6,643	<b>10.3%</b>	163	<b>0.3%</b>
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	131	<b>0.3%</b>	685	<b>1.8%</b>	11,769	<b>31.3%</b>	21,058	<b>55.9%</b>	4,002	<b>10.6%</b>
1990-2009	89,181	619	<b>0.7%</b>	6,473	<b>7.3%</b>	32,239	<b>36.2%</b>	44,060	<b>49.4%</b>	5,790	<b>6.5%</b>
1970-1989	161,749	2,303	<b>1.4%</b>	27,955	<b>17.3%</b>	58,117	<b>35.9%</b>	69,506	<b>43.0%</b>	3,868	<b>2.4%</b>
1950-1969	110,314	5,572	<b>5.1%</b>	11,844	<b>10.7%</b>	39,146	<b>35.5%</b>	49,116	<b>44.5%</b>	4,636	<b>4.2%</b>
Pre 1950	85,922	6,871	<b>8.0%</b>	7,986	<b>9.3%</b>	32,322	<b>37.6%</b>	36,194	<b>42.1%</b>	2,549	<b>3.0%</b>
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	0	<b>0.0%</b>	44,117	<b>23.0%</b>	87,372	<b>45.6%</b>	55,987	<b>29.2%</b>	4,163	<b>2.2%</b>
Natural Gas Heat	249,938	0	<b>0.0%</b>	0	<b>0.0%</b>	72,644	<b>29.1%</b>	160,614	<b>64.3%</b>	16,681	<b>6.7%</b>
Other Fuel	6,945	2,342	<b>33.7%</b>	0	<b>0.0%</b>	4,338	<b>62.5%</b>	265	<b>3.8%</b>	0	<b>0.0%</b>
Shared (No Heat on Bill)	36,289	13,154	<b>36.2%</b>	10,827	<b>29.8%</b>	9,240	<b>25.5%</b>	3,069	<b>8.5%</b>	0	<b>0.0%</b>
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	8,889	<b>7.1%</b>	22,672	<b>18.2%</b>	51,901	<b>41.6%</b>	38,682	<b>31.0%</b>	2,634	<b>2.1%</b>
Two	221,729	5,427	<b>2.4%</b>	24,681	<b>11.1%</b>	80,961	<b>36.5%</b>	102,097	<b>46.0%</b>	8,563	<b>3.9%</b>
Three	60,069	580	<b>1.0%</b>	3,507	<b>5.8%</b>	18,361	<b>30.6%</b>	34,024	<b>56.6%</b>	3,597	<b>6.0%</b>
Four	48,897	469	<b>1.0%</b>	2,237	<b>4.6%</b>	11,835	<b>24.2%</b>	29,853	<b>61.1%</b>	4,504	<b>9.2%</b>
Five +	29,337	131	<b>0.4%</b>	1,847	<b>6.3%</b>	10,535	<b>35.9%</b>	15,278	<b>52.1%</b>	1,545	<b>5.3%</b>
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	6,677	<b>11.2%</b>	11,376	<b>19.1%</b>	30,638	<b>51.5%</b>	10,472	<b>17.6%</b>	318	<b>0.5%</b>
\$25,000 - \$49,999	137,082	2,499	<b>1.8%</b>	21,486	<b>15.7%</b>	62,434	<b>45.5%</b>	48,024	<b>35.0%</b>	2,639	<b>1.9%</b>
\$50,000 - \$74,999	123,824	4,111	<b>3.3%</b>	11,637	<b>9.4%</b>	41,783	<b>33.7%</b>	62,694	<b>50.6%</b>	3,599	<b>2.9%</b>
\$75,000 - \$99,999	66,780	580	<b>0.9%</b>	4,972	<b>7.4%</b>	18,537	<b>27.8%</b>	38,516	<b>57.7%</b>	4,174	<b>6.3%</b>
\$100,000 +	97,644	1,629	<b>1.7%</b>	5,472	<b>5.6%</b>	20,201	<b>20.7%</b>	60,227	<b>61.7%</b>	10,114	<b>10.4%</b>
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	8,016	<b>5.0%</b>	25,329	<b>15.9%</b>	74,433	<b>46.8%</b>	49,279	<b>31.0%</b>	1,930	<b>1.2%</b>
No	325,824	7,480	<b>2.3%</b>	29,614	<b>9.1%</b>	99,160	<b>30.4%</b>	170,656	<b>52.4%</b>	18,914	<b>5.8%</b>
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	1,793	<b>3.5%</b>	8,509	<b>16.5%</b>	23,404	<b>45.5%</b>	16,226	<b>31.6%</b>	1,498	<b>2.9%</b>
No	409,630	13,278	<b>3.2%</b>	44,319	<b>10.8%</b>	141,710	<b>34.6%</b>	191,805	<b>46.8%</b>	18,519	<b>4.5%</b>
Undeclared	23,751	425	<b>1.8%</b>	2,116	<b>8.9%</b>	8,480	<b>35.7%</b>	11,903	<b>50.1%</b>	827	<b>3.5%</b>
<b>FIRST NATION ON RESERVE</b>											
FIRST NATION ON RESERVE	15,456	325	<b>2.1%</b>	3,251	<b>21.0%</b>	10,190	<b>65.9%</b>	1,659	<b>10.7%</b>	31	<b>0.2%</b>
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	12,790	<b>2.9%</b>	49,154	<b>11.2%</b>	153,816	<b>35.0%</b>	203,399	<b>46.3%</b>	20,180	<b>4.6%</b>
Satisfactory	22,395	1,145	<b>5.1%</b>	2,999	<b>13.4%</b>	8,438	<b>37.7%</b>	9,264	<b>41.4%</b>	549	<b>2.5%</b>
Poor	23,077	1,561	<b>6.8%</b>	2,791	<b>12.1%</b>	11,339	<b>49.1%</b>	7,272	<b>31.5%</b>	115	<b>0.5%</b>
<b>DWELLING OWNERSHIP</b>											
Own	404,316	2,660	<b>0.7%</b>	33,697	<b>8.3%</b>	138,232	<b>34.2%</b>	209,180	<b>51.7%</b>	20,547	<b>5.1%</b>
Rent / Other	80,495	12,836	<b>15.9%</b>	21,247	<b>26.4%</b>	35,361	<b>43.9%</b>	10,754	<b>13.4%</b>	296	<b>0.4%</b>

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.10  
NIGHTLY THERMOSTAT SETTING ADJUSTMENTS**

	EVERY		MOST		OCCASSI		PROGRAM		NO	
	TOTAL	NIGHT %	NIGHTS %	NIGHTS %	ONALLY %	NEVER %	MED %	THERMOSTAT %	THERMOSTAT %	
<b>OVERALL</b>	<b>484,811</b>	154,687 <b>31.9%</b>	40,952 <b>8.4%</b>	78,958 <b>16.3%</b>	119,855 <b>24.7%</b>	74,863 <b>15.4%</b>	15,496 <b>3.2%</b>			
<b>FUEL AREA</b>										
Winnipeg City	261,760	86,517 <b>33.1%</b>	19,949 <b>7.6%</b>	36,965 <b>14.1%</b>	57,430 <b>21.9%</b>	48,697 <b>18.6%</b>	12,202 <b>4.7%</b>			
Gas Available	140,021	47,326 <b>33.8%</b>	11,761 <b>8.4%</b>	22,802 <b>16.3%</b>	37,885 <b>27.1%</b>	18,581 <b>13.3%</b>	1,666 <b>1.2%</b>			
No Gas Available	83,030	20,844 <b>25.1%</b>	9,242 <b>11.1%</b>	19,191 <b>23.1%</b>	24,539 <b>29.6%</b>	7,585 <b>9.1%</b>	1,628 <b>2.0%</b>			
<b>DWELLING TYPE</b>										
Single Detached	373,568	123,961 <b>33.2%</b>	30,175 <b>8.1%</b>	59,179 <b>15.8%</b>	92,803 <b>24.8%</b>	65,109 <b>17.4%</b>	2,342 <b>0.6%</b>			
Multi Attached	46,834	13,655 <b>29.2%</b>	3,872 <b>8.3%</b>	9,681 <b>20.7%</b>	12,399 <b>26.5%</b>	6,091 <b>13.0%</b>	1,137 <b>2.4%</b>			
Apartment Suite	64,409	17,072 <b>26.5%</b>	6,906 <b>10.7%</b>	10,098 <b>15.7%</b>	14,653 <b>22.8%</b>	3,663 <b>5.7%</b>	12,017 <b>18.7%</b>			
<b>BUILDING CODE ERA</b>										
2010-2017	37,645	13,653 <b>36.3%</b>	2,197 <b>5.8%</b>	5,090 <b>13.5%</b>	9,498 <b>25.2%</b>	7,075 <b>18.8%</b>	131 <b>0.3%</b>			
1990-2009	89,181	31,349 <b>35.2%</b>	7,869 <b>8.8%</b>	14,803 <b>16.6%</b>	18,827 <b>21.1%</b>	15,713 <b>17.6%</b>	619 <b>0.7%</b>			
1970-1989	161,749	48,623 <b>30.1%</b>	14,842 <b>9.2%</b>	30,905 <b>19.1%</b>	40,775 <b>25.2%</b>	24,300 <b>15.0%</b>	2,303 <b>1.4%</b>			
1950-1969	110,314	37,178 <b>33.7%</b>	9,242 <b>8.4%</b>	15,861 <b>14.4%</b>	27,173 <b>24.6%</b>	15,288 <b>13.9%</b>	5,572 <b>5.1%</b>			
Pre 1950	85,922	23,883 <b>27.8%</b>	6,802 <b>7.9%</b>	12,298 <b>14.3%</b>	23,581 <b>27.4%</b>	12,486 <b>14.5%</b>	6,871 <b>8.0%</b>			
<b>SPACE HEAT FUEL</b>										
Electric Heat	191,639	59,015 <b>30.8%</b>	20,117 <b>10.5%</b>	38,958 <b>20.3%</b>	52,693 <b>27.5%</b>	20,855 <b>10.9%</b>	0 <b>0.0%</b>			
Natural Gas Heat	249,938	90,534 <b>36.2%</b>	16,810 <b>6.7%</b>	33,781 <b>13.5%</b>	56,263 <b>22.5%</b>	52,550 <b>21.0%</b>	0 <b>0.0%</b>			
Other Fuel	6,945	792 <b>11.4%</b>	131 <b>1.9%</b>	1,905 <b>27.4%</b>	1,774 <b>25.5%</b>	0 <b>0.0%</b>	2,342 <b>33.7%</b>			
Shared (No Heat on Bill)	36,289	4,345 <b>12.0%</b>	3,894 <b>10.7%</b>	4,314 <b>11.9%</b>	9,124 <b>25.1%</b>	1,458 <b>4.0%</b>	13,154 <b>36.2%</b>			
<b>PEOPLE PER HOUSEHOLD</b>										
One	124,779	33,423 <b>26.8%</b>	12,424 <b>10.0%</b>	20,289 <b>16.3%</b>	36,137 <b>29.0%</b>	13,616 <b>10.9%</b>	8,889 <b>7.1%</b>			
Two	221,729	82,113 <b>37.0%</b>	18,010 <b>8.1%</b>	32,401 <b>14.6%</b>	51,470 <b>23.2%</b>	32,308 <b>14.6%</b>	5,427 <b>2.4%</b>			
Three	60,069	18,641 <b>31.0%</b>	4,379 <b>7.3%</b>	10,483 <b>17.5%</b>	13,374 <b>22.3%</b>	12,612 <b>21.0%</b>	580 <b>1.0%</b>			
Four	48,897	13,919 <b>28.5%</b>	3,752 <b>7.7%</b>	8,402 <b>17.2%</b>	11,846 <b>24.2%</b>	10,509 <b>21.5%</b>	469 <b>1.0%</b>			
Five +	29,337	6,591 <b>22.5%</b>	2,388 <b>8.1%</b>	7,382 <b>25.2%</b>	7,028 <b>24.0%</b>	5,817 <b>19.8%</b>	131 <b>0.4%</b>			
<b>HOUSEHOLD INCOME</b>										
Less Than \$25,000	59,481	14,822 <b>24.9%</b>	6,253 <b>10.5%</b>	12,430 <b>20.9%</b>	15,859 <b>26.7%</b>	3,441 <b>5.8%</b>	6,677 <b>11.2%</b>			
\$25,000 - \$49,999	137,082	40,649 <b>29.7%</b>	13,413 <b>9.8%</b>	23,697 <b>17.3%</b>	39,264 <b>28.6%</b>	17,560 <b>12.8%</b>	2,499 <b>1.8%</b>			
\$50,000 - \$74,999	123,824	41,476 <b>33.5%</b>	9,348 <b>7.5%</b>	18,723 <b>15.1%</b>	29,532 <b>23.9%</b>	20,633 <b>16.7%</b>	4,111 <b>3.3%</b>			
\$75,000 - \$99,999	66,780	23,612 <b>35.4%</b>	5,234 <b>7.8%</b>	10,199 <b>15.3%</b>	15,097 <b>22.6%</b>	12,057 <b>18.1%</b>	580 <b>0.9%</b>			
\$100,000 +	97,644	34,128 <b>35.0%</b>	6,705 <b>6.9%</b>	13,909 <b>14.2%</b>	20,101 <b>20.6%</b>	21,172 <b>21.7%</b>	1,629 <b>1.7%</b>			
<b>WINNIPEG LICO-125 CLASS</b>										
Yes	158,987	44,641 <b>28.1%</b>	14,777 <b>9.3%</b>	30,761 <b>19.3%</b>	43,575 <b>27.4%</b>	17,217 <b>10.8%</b>	8,016 <b>5.0%</b>			
No	325,824	110,046 <b>33.8%</b>	26,175 <b>8.0%</b>	48,197 <b>14.8%</b>	76,280 <b>23.4%</b>	57,646 <b>17.7%</b>	7,480 <b>2.3%</b>			
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>										
Yes	51,429	11,845 <b>23.0%</b>	4,828 <b>9.4%</b>	14,459 <b>28.1%</b>	12,292 <b>23.9%</b>	6,211 <b>12.1%</b>	1,793 <b>3.5%</b>			
No	409,630	134,816 <b>32.9%</b>	34,746 <b>8.5%</b>	60,887 <b>14.9%</b>	101,058 <b>24.7%</b>	64,844 <b>15.8%</b>	13,278 <b>3.2%</b>			
Undeclared	23,751	8,025 <b>33.8%</b>	1,378 <b>5.8%</b>	3,612 <b>15.2%</b>	6,504 <b>27.4%</b>	3,808 <b>16.0%</b>	425 <b>1.8%</b>			
<b>FIRST NATION ON RESERVE</b>										
FIRST NATION ON RESERVE	15,456	2,555 <b>16.5%</b>	1,902 <b>12.3%</b>	6,371 <b>41.2%</b>	3,369 <b>21.8%</b>	933 <b>6.0%</b>	325 <b>2.1%</b>			
<b>BILL PAYMENT RATING</b>										
Excellent	439,339	143,776 <b>32.7%</b>	37,141 <b>8.5%</b>	68,524 <b>15.6%</b>	108,240 <b>24.6%</b>	68,867 <b>15.7%</b>	12,790 <b>2.9%</b>			
Satisfactory	22,395	5,688 <b>25.4%</b>	1,580 <b>7.1%</b>	4,408 <b>19.7%</b>	5,529 <b>24.7%</b>	4,044 <b>18.1%</b>	1,145 <b>5.1%</b>			
Poor	23,077	5,223 <b>22.6%</b>	2,231 <b>9.7%</b>	6,025 <b>26.1%</b>	6,086 <b>26.4%</b>	1,951 <b>8.5%</b>	1,561 <b>6.8%</b>			
<b>DWELLING OWNERSHIP</b>										
Own	404,316	134,758 <b>33.3%</b>	33,373 <b>8.3%</b>	61,944 <b>15.3%</b>	101,514 <b>25.1%</b>	70,067 <b>17.3%</b>	2,660 <b>0.7%</b>			
Rent / Other	80,495	19,929 <b>24.8%</b>	7,579 <b>9.4%</b>	17,014 <b>21.1%</b>	18,341 <b>22.8%</b>	4,796 <b>6.0%</b>	12,836 <b>15.9%</b>			

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.11  
PROGRAMMABLE THERMOSTAT**

	TOTAL	NOT PROGRAMMABLE	%	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	244,033	<b>50.3%</b>	136,258	<b>28.1%</b>	104,520	<b>21.6%</b>
<b>FUEL AREA</b>							
Winnipeg City	261,760	108,807	41.6%	91,654	35.0%	61,299	23.4%
Gas Available	140,021	73,472	52.5%	33,599	24.0%	32,951	23.5%
No Gas Available	83,030	61,755	74.4%	11,006	13.3%	10,270	12.4%
<b>DWELLING TYPE</b>							
Single Detached	373,568	161,128	43.1%	123,035	32.9%	89,405	23.9%
Multi Attached	46,834	25,302	54.0%	10,114	21.6%	11,419	24.4%
Apartment Suite	64,409	57,603	89.4%	3,110	4.8%	3,696	5.7%
<b>BUILDING CODE ERA</b>							
2010-2017	37,645	12,585	33.4%	13,498	35.9%	11,562	30.7%
1990-2009	89,181	39,331	44.1%	28,746	32.2%	21,104	23.7%
1970-1989	161,749	88,375	54.6%	42,181	26.1%	31,193	19.3%
1950-1969	110,314	56,562	51.3%	30,666	27.8%	23,086	20.9%
Pre 1950	85,922	47,179	54.9%	21,168	24.6%	17,575	20.5%
<b>SPACE HEAT FUEL</b>							
Electric Heat	191,639	131,489	68.6%	31,514	16.4%	28,636	14.9%
Natural Gas Heat	249,938	72,644	29.1%	104,479	41.8%	72,815	29.1%
Other Fuel	6,945	6,680	96.2%	265	3.8%	0	0.0%
Shared (No Heat on Bill)	36,289	33,220	91.5%	0	0.0%	3,069	8.5%
<b>PEOPLE PER HOUSEHOLD</b>							
One	124,779	83,463	66.9%	20,441	16.4%	20,875	16.7%
Two	221,729	111,069	50.1%	60,341	27.2%	50,319	22.7%
Three	60,069	22,448	37.4%	23,611	39.3%	14,010	23.3%
Four	48,897	14,540	29.7%	22,444	45.9%	11,912	24.4%
Five +	29,337	12,513	42.7%	9,420	32.1%	7,403	25.2%
<b>HOUSEHOLD INCOME</b>							
Less Than \$25,000	59,481	48,691	81.9%	4,161	7.0%	6,629	11.1%
\$25,000 - \$49,999	137,082	86,419	63.0%	26,700	19.5%	23,964	17.5%
\$50,000 - \$74,999	123,824	57,531	46.5%	34,470	27.8%	31,823	25.7%
\$75,000 - \$99,999	66,780	24,089	36.1%	24,733	37.0%	17,958	26.9%
\$100,000 +	97,644	27,302	28.0%	46,195	47.3%	24,147	24.7%
<b>WINNIPEG LICO-125 CLASS</b>							
Yes	158,987	107,778	67.8%	25,850	16.3%	25,358	16.0%
No	325,824	136,255	41.8%	110,408	33.9%	79,161	24.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>							
Yes	51,429	33,706	65.5%	8,739	17.0%	8,985	17.5%
No	409,630	199,307	48.7%	120,212	29.3%	90,112	22.0%
Undeclared	23,751	11,021	46.4%	7,308	30.8%	5,423	22.8%
<b>FIRST NATION ON RESERVE</b>							
FIRST NATION ON RESERVE	15,456	13,766	89.1%	466	3.0%	1,224	7.9%
<b>BILL PAYMENT RATING</b>							
Excellent	439,339	215,760	49.1%	127,340	29.0%	96,239	21.9%
Satisfactory	22,395	12,582	56.2%	5,222	23.3%	4,591	20.5%
Poor	23,077	15,691	68.0%	3,696	16.0%	3,690	16.0%
<b>DWELLING OWNERSHIP</b>							
Own	404,316	174,589	43.2%	132,041	32.7%	97,686	24.2%
Rent / Other	80,495	69,444	86.3%	4,217	5.2%	6,834	8.5%

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.12  
WI-FI ENABLED REMOTE THERMOSTAT OPTIONS**

	NO WI-FI		YES, REGULARLY		YES, SOMETIMES		NO		
	TOTAL	THERMOSTAT %		%		%		%	
<b>OVERALL</b>	<b>484,811</b>	463,967	<b>95.7%</b>	6,235	<b>1.3%</b>	10,286	<b>2.1%</b>	4,322	<b>0.9%</b>
<b>FUEL AREA</b>									
Winnipeg City	261,760	248,378	<b>94.9%</b>	3,853	<b>1.5%</b>	6,466	<b>2.5%</b>	3,063	<b>1.2%</b>
Gas Available	140,021	134,581	<b>96.1%</b>	1,427	<b>1.0%</b>	2,785	<b>2.0%</b>	1,228	<b>0.9%</b>
No Gas Available	83,030	81,009	<b>97.6%</b>	955	<b>1.2%</b>	1,035	<b>1.2%</b>	31	<b>0.0%</b>
<b>DWELLING TYPE</b>									
Single Detached	373,568	354,021	<b>94.8%</b>	5,658	<b>1.5%</b>	9,875	<b>2.6%</b>	4,014	<b>1.1%</b>
Multi Attached	46,834	45,700	<b>97.6%</b>	414	<b>0.9%</b>	412	<b>0.9%</b>	309	<b>0.7%</b>
Apartment Suite	64,409	64,246	<b>99.7%</b>	163	<b>0.3%</b>	0	<b>0.0%</b>	0	<b>0.0%</b>
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	33,643	<b>89.4%</b>	1,458	<b>3.9%</b>	2,211	<b>5.9%</b>	332	<b>0.9%</b>
1990-2009	89,181	83,392	<b>93.5%</b>	2,028	<b>2.3%</b>	2,788	<b>3.1%</b>	974	<b>1.1%</b>
1970-1989	161,749	157,881	<b>97.6%</b>	871	<b>0.5%</b>	1,910	<b>1.2%</b>	1,086	<b>0.7%</b>
1950-1969	110,314	105,678	<b>95.8%</b>	1,320	<b>1.2%</b>	2,244	<b>2.0%</b>	1,072	<b>1.0%</b>
Pre 1950	85,922	83,373	<b>97.0%</b>	558	<b>0.6%</b>	1,133	<b>1.3%</b>	857	<b>1.0%</b>
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	187,476	<b>97.8%</b>	1,957	<b>1.0%</b>	2,074	<b>1.1%</b>	131	<b>0.1%</b>
Natural Gas Heat	249,938	233,257	<b>93.3%</b>	4,278	<b>1.7%</b>	8,212	<b>3.3%</b>	4,191	<b>1.7%</b>
Other Fuel	6,945	6,945	<b>100.0%</b>	0	<b>0.0%</b>	0	<b>0.0%</b>	0	<b>0.0%</b>
Shared (No Heat on Bill)	36,289	36,289	<b>100.0%</b>	0	<b>0.0%</b>	0	<b>0.0%</b>	0	<b>0.0%</b>
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	122,145	<b>97.9%</b>	803	<b>0.6%</b>	910	<b>0.7%</b>	921	<b>0.7%</b>
Two	221,729	213,166	<b>96.1%</b>	2,270	<b>1.0%</b>	3,900	<b>1.8%</b>	2,393	<b>1.1%</b>
Three	60,069	56,472	<b>94.0%</b>	924	<b>1.5%</b>	2,214	<b>3.7%</b>	459	<b>0.8%</b>
Four	48,897	44,393	<b>90.8%</b>	1,683	<b>3.4%</b>	2,387	<b>4.9%</b>	435	<b>0.9%</b>
Five +	29,337	27,791	<b>94.7%</b>	555	<b>1.9%</b>	875	<b>3.0%</b>	115	<b>0.4%</b>
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	59,163	<b>99.5%</b>	115	<b>0.2%</b>	203	<b>0.3%</b>	0	<b>0.0%</b>
\$25,000 - \$49,999	137,082	134,443	<b>98.1%</b>	546	<b>0.4%</b>	1,160	<b>0.8%</b>	933	<b>0.7%</b>
\$50,000 - \$74,999	123,824	120,225	<b>97.1%</b>	1,474	<b>1.2%</b>	1,315	<b>1.1%</b>	810	<b>0.7%</b>
\$75,000 - \$99,999	66,780	62,606	<b>93.7%</b>	1,317	<b>2.0%</b>	2,410	<b>3.6%</b>	447	<b>0.7%</b>
\$100,000 +	97,644	87,530	<b>89.6%</b>	2,784	<b>2.9%</b>	5,198	<b>5.3%</b>	2,132	<b>2.2%</b>
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	157,057	<b>98.8%</b>	555	<b>0.3%</b>	1,030	<b>0.6%</b>	344	<b>0.2%</b>
No	325,824	306,910	<b>94.2%</b>	5,680	<b>1.7%</b>	9,256	<b>2.8%</b>	3,978	<b>1.2%</b>
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	49,932	<b>97.1%</b>	358	<b>0.7%</b>	808	<b>1.6%</b>	332	<b>0.6%</b>
No	409,630	391,112	<b>95.5%</b>	5,648	<b>1.4%</b>	9,098	<b>2.2%</b>	3,773	<b>0.9%</b>
Undeclared	23,751	22,924	<b>96.5%</b>	230	<b>1.0%</b>	381	<b>1.6%</b>	217	<b>0.9%</b>
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	15,425	<b>99.8%</b>	31	<b>0.2%</b>	0	<b>0.0%</b>	0	<b>0.0%</b>
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	419,159	<b>95.4%</b>	5,915	<b>1.3%</b>	10,057	<b>2.3%</b>	4,207	<b>1.0%</b>
Satisfactory	22,395	21,846	<b>97.5%</b>	320	<b>1.4%</b>	230	<b>1.0%</b>	0	<b>0.0%</b>
Poor	23,077	22,962	<b>99.5%</b>	0	<b>0.0%</b>	0	<b>0.0%</b>	115	<b>0.5%</b>
<b>DWELLING OWNERSHIP</b>									
Own	404,316	383,769	<b>94.9%</b>	6,041	<b>1.5%</b>	10,286	<b>2.5%</b>	4,220	<b>1.0%</b>
Rent / Other	80,495	80,198	<b>99.6%</b>	194	<b>0.2%</b>	0	<b>0.0%</b>	103	<b>0.1%</b>

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.13  
PLANS TO INSTALL A WI-FI THERMOSTAT**

	TOTAL	YES, DEFINITELY	%	YES, MAYBE	%	ALREADY HAVE	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	4,336	0.9%	49,553	10.2%	27,636	5.7%	403,287	83.2%
<b>FUEL AREA</b>									
Winnipeg City	261,760	2,435	0.9%	28,865	11.0%	17,308	6.6%	213,153	81.4%
Gas Available	140,021	1,510	1.1%	14,011	10.0%	6,741	4.8%	117,760	84.1%
No Gas Available	83,030	391	0.5%	6,677	8.0%	3,587	4.3%	72,375	87.2%
<b>DWELLING TYPE</b>									
Single Detached	373,568	3,372	0.9%	41,936	11.2%	24,931	6.7%	303,329	81.2%
Multi Attached	46,834	674	1.4%	4,184	8.9%	1,597	3.4%	40,379	86.2%
Apartment Suite	64,409	290	0.5%	3,433	5.3%	1,108	1.7%	59,579	92.5%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	523	1.4%	4,599	12.2%	5,214	13.9%	27,309	72.5%
1990-2009	89,181	617	0.7%	9,525	10.7%	6,557	7.4%	72,482	81.3%
1970-1989	161,749	1,135	0.7%	14,665	9.1%	5,547	3.4%	140,402	86.8%
1950-1969	110,314	1,348	1.2%	11,194	10.1%	6,969	6.3%	90,804	82.3%
Pre 1950	85,922	713	0.8%	9,570	11.1%	3,349	3.9%	72,290	84.1%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	1,178	0.6%	15,098	7.9%	6,291	3.3%	169,072	88.2%
Natural Gas Heat	249,938	2,868	1.1%	32,069	12.8%	20,296	8.1%	194,705	77.9%
Other Fuel	6,945	0	0.0%	337	4.9%	469	6.7%	6,139	88.4%
Shared (No Heat on Bill)	36,289	290	0.8%	2,048	5.6%	580	1.6%	33,371	92.0%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	732	0.6%	6,693	5.4%	4,849	3.9%	112,506	90.2%
Two	221,729	1,307	0.6%	23,855	10.8%	11,694	5.3%	184,873	83.4%
Three	60,069	640	1.1%	7,893	13.1%	4,156	6.9%	47,381	78.9%
Four	48,897	1,124	2.3%	7,272	14.9%	4,805	9.8%	35,695	73.0%
Five +	29,337	533	1.8%	3,839	13.1%	2,131	7.3%	22,833	77.8%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	297	0.5%	2,192	3.7%	802	1.3%	56,190	94.5%
\$25,000 - \$49,999	137,082	517	0.4%	9,904	7.2%	4,584	3.3%	122,077	89.1%
\$50,000 - \$74,999	123,824	1,301	1.1%	14,145	11.4%	5,303	4.3%	103,075	83.2%
\$75,000 - \$99,999	66,780	516	0.8%	9,128	13.7%	5,016	7.5%	52,119	78.0%
\$100,000 +	97,644	1,704	1.7%	14,184	14.5%	11,931	12.2%	69,826	71.5%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	712	0.4%	10,766	6.8%	3,455	2.2%	144,053	90.6%
No	325,824	3,624	1.1%	38,786	11.9%	24,180	7.4%	259,234	79.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	734	1.4%	4,434	8.6%	2,020	3.9%	44,242	86.0%
No	409,630	3,500	0.9%	42,423	10.4%	24,447	6.0%	339,260	82.8%
Undeclared	23,751	103	0.4%	2,695	11.3%	1,169	4.9%	19,785	83.3%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	124	0.8%	1,057	6.8%	224	1.5%	14,050	90.9%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	4,142	0.9%	43,342	9.9%	26,492	6.0%	365,363	83.2%
Satisfactory	22,395	100	0.4%	3,651	16.3%	781	3.5%	17,863	79.8%
Poor	23,077	93	0.4%	2,560	11.1%	363	1.6%	20,061	86.9%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	3,860	1.0%	48,067	11.9%	26,163	6.5%	326,226	80.7%
Rent / Other	80,495	476	0.6%	1,485	1.8%	1,473	1.8%	77,061	95.7%

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.14**  
**DO YOU USE A DEHUMIDIFIER**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	167,204	34.5%	317,607	65.5%
<b>FUEL AREA</b>					
Winnipeg City	261,760	78,005	29.8%	183,755	70.2%
Gas Available	140,021	58,051	41.5%	81,970	58.5%
No Gas Available	83,030	31,148	37.5%	51,882	62.5%
<b>DWELLING TYPE</b>					
Single Detached	373,568	148,939	39.9%	224,629	60.1%
Multi Attached	46,834	13,002	27.8%	33,832	72.2%
Apartment Suite	64,409	5,263	8.2%	59,146	91.8%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	10,211	27.1%	27,434	72.9%
1990-2009	89,181	26,407	29.6%	62,774	70.4%
1970-1989	161,749	55,672	34.4%	106,077	65.6%
1950-1969	110,314	43,210	39.2%	67,104	60.8%
Pre 1950	85,922	31,704	36.9%	54,217	63.1%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	64,691	33.8%	126,948	66.2%
Natural Gas Heat	249,938	94,264	37.7%	155,674	62.3%
Other Fuel	6,945	3,385	48.7%	3,560	51.3%
Shared (No Heat on Bill)	36,289	4,864	13.4%	31,425	86.6%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	34,425	27.6%	90,354	72.4%
Two	221,729	81,325	36.7%	140,404	63.3%
Three	60,069	19,680	32.8%	40,390	67.2%
Four	48,897	19,537	40.0%	29,360	60.0%
Five +	29,337	12,237	41.7%	17,099	58.3%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	14,863	25.0%	44,617	75.0%
\$25,000 - \$49,999	137,082	44,785	32.7%	92,297	67.3%
\$50,000 - \$74,999	123,824	48,547	39.2%	75,277	60.8%
\$75,000 - \$99,999	66,780	24,274	36.3%	42,505	63.7%
\$100,000 +	97,644	34,734	35.6%	62,910	64.4%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	49,827	31.3%	109,160	68.7%
No	325,824	117,377	36.0%	208,447	64.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	13,673	26.6%	37,757	73.4%
No	409,630	144,687	35.3%	264,944	64.7%
Undeclared	23,751	8,845	37.2%	14,907	62.8%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	2,406	15.6%	13,051	84.4%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	156,387	35.6%	282,952	64.4%
Satisfactory	22,395	5,462	24.4%	16,933	75.6%
Poor	23,077	5,355	23.2%	17,722	76.8%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	157,131	38.9%	247,185	61.1%
Rent / Other	80,495	10,073	12.5%	70,422	87.5%



**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.15**

**DO YOU USE A HUMIDIFIER**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>100,223</b>	<b>20.7%</b>	<b>384,588</b>	<b>79.3%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	62,883	24.0%	198,877	76.0%
Gas Available	140,021	24,803	17.7%	115,218	82.3%
No Gas Available	83,030	12,537	15.1%	70,493	84.9%
<b>DWELLING TYPE</b>					
Single Detached	373,568	73,832	19.8%	299,736	80.2%
Multi Attached	46,834	9,153	19.5%	37,681	80.5%
Apartment Suite	64,409	17,239	26.8%	47,170	73.2%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	8,534	22.7%	29,111	77.3%
1990-2009	89,181	19,340	21.7%	69,842	78.3%
1970-1989	161,749	32,932	20.4%	128,817	79.6%
1950-1969	110,314	21,390	19.4%	88,924	80.6%
Pre 1950	85,922	18,028	21.0%	67,894	79.0%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	34,838	18.2%	156,801	81.8%
Natural Gas Heat	249,938	56,888	22.8%	193,050	77.2%
Other Fuel	6,945	1,027	14.8%	5,918	85.2%
Shared (No Heat on Bill)	36,289	7,470	20.6%	28,819	79.4%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	21,165	17.0%	103,614	83.0%
Two	221,729	49,095	22.1%	172,634	77.9%
Three	60,069	11,394	19.0%	48,675	81.0%
Four	48,897	12,525	25.6%	36,372	74.4%
Five +	29,337	6,044	20.6%	23,292	79.4%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	8,948	15.0%	50,533	85.0%
\$25,000 - \$49,999	137,082	26,195	19.1%	110,887	80.9%
\$50,000 - \$74,999	123,824	25,906	20.9%	97,918	79.1%
\$75,000 - \$99,999	66,780	13,028	19.5%	53,752	80.5%
\$100,000 +	97,644	26,146	26.8%	71,498	73.2%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	27,353	17.2%	131,634	82.8%
No	325,824	72,871	22.4%	252,954	77.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	8,267	16.1%	43,162	83.9%
No	409,630	87,850	21.4%	321,780	78.6%
Undeclared	23,751	4,106	17.3%	19,645	82.7%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	1,498	9.7%	13,958	90.3%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	94,256	21.5%	345,083	78.5%
Satisfactory	22,395	3,044	13.6%	19,351	86.4%
Poor	23,077	2,923	12.7%	20,154	87.3%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	84,396	20.9%	319,920	79.1%
Rent / Other	80,495	15,827	19.7%	64,668	80.3%

**2017 RESIDENTIAL SURVEY SECTION 2 - SPACE HEATING - REFERENCE TABLE 2.16**  
**IS THERE A HEAT RECOVERY VENTILATION SYSTEM (HRV)**

	TOTAL	YES	%	YES BUT DON'T USE	%	NO HRV	%
<b>OVERALL</b>	<b>484,811</b>	93,236	<b>19.2%</b>	7,208	<b>1.5%</b>	384,367	<b>79.3%</b>
<b>FUEL AREA</b>							
Winnipeg City	261,760	35,403	13.5%	1,984	0.8%	224,373	85.7%
Gas Available	140,021	37,837	27.0%	1,962	1.4%	100,222	71.6%
No Gas Available	83,030	19,996	24.1%	3,262	3.9%	59,772	72.0%
<b>DWELLING TYPE</b>							
Single Detached	373,568	72,557	19.4%	6,226	1.7%	294,785	78.9%
Multi Attached	46,834	11,936	25.5%	529	1.1%	34,370	73.4%
Apartment Suite	64,409	8,743	13.6%	453	0.7%	55,213	85.7%
<b>BUILDING CODE ERA</b>							
2010-2017	37,645	36,277	96.4%	0	0.0%	1,368	3.6%
1990-2009	89,181	25,899	29.0%	2,955	3.3%	60,327	67.6%
1970-1989	161,749	15,526	9.6%	2,490	1.5%	143,733	88.9%
1950-1969	110,314	8,323	7.5%	1,281	1.2%	100,709	91.3%
Pre 1950	85,922	7,211	8.4%	481	0.6%	78,230	91.0%
<b>SPACE HEAT FUEL</b>							
Electric Heat	191,639	51,593	26.9%	4,529	2.4%	135,517	70.7%
Natural Gas Heat	249,938	40,182	16.1%	1,920	0.8%	207,836	83.2%
Other Fuel	6,945	731	10.5%	469	6.7%	5,746	82.7%
Shared (No Heat on Bill)	36,289	731	2.0%	290	0.8%	35,268	97.2%
<b>PEOPLE PER HOUSEHOLD</b>							
One	124,779	14,685	11.8%	1,397	1.1%	108,697	87.1%
Two	221,729	44,122	19.9%	3,108	1.4%	174,499	78.7%
Three	60,069	11,890	19.8%	885	1.5%	47,295	78.7%
Four	48,897	14,180	29.0%	995	2.0%	33,721	69.0%
Five +	29,337	8,359	28.5%	822	2.8%	20,155	68.7%
<b>HOUSEHOLD INCOME</b>							
Less Than \$25,000	59,481	6,755	11.4%	1,437	2.4%	51,289	86.2%
\$25,000 - \$49,999	137,082	19,322	14.1%	1,182	0.9%	116,578	85.0%
\$50,000 - \$74,999	123,824	23,368	18.9%	2,498	2.0%	97,958	79.1%
\$75,000 - \$99,999	66,780	16,388	24.5%	670	1.0%	49,722	74.5%
\$100,000 +	97,644	27,403	28.1%	1,421	1.5%	68,820	70.5%
<b>WINNIPEG LICO-125 CLASS</b>							
Yes	158,987	22,242	14.0%	2,402	1.5%	134,343	84.5%
No	325,824	70,994	21.8%	4,806	1.5%	250,024	76.7%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>							
Yes	51,429	10,489	20.4%	2,737	5.3%	38,204	74.3%
No	409,630	77,712	19.0%	4,081	1.0%	327,837	80.0%
Undeclared	23,751	5,035	21.2%	390	1.6%	18,326	77.2%
<b>FIRST NATION ON RESERVE</b>							
FIRST NATION ON RESERVE	15,456	4,301	27.8%	1,412	9.1%	9,744	63.0%
<b>BILL PAYMENT RATING</b>							
Excellent	439,339	85,630	19.5%	6,172	1.4%	347,537	79.1%
Satisfactory	22,395	3,687	16.5%	196	0.9%	18,512	85.9%
Poor	23,077	3,919	17.0%	840	3.6%	18,318	79.4%
<b>DWELLING OWNERSHIP</b>							
Own	404,316	81,011	20.0%	5,315	1.3%	317,991	78.6%
Rent / Other	80,495	12,226	15.2%	1,893	2.4%	66,376	82.5%

# **SECTION 3**

## **COOLING SYSTEM**

**2017 RESIDENTIAL SURVEY SECTION 3 - COOLING SYSTEM - REFERENCE TABLE 3.01  
AIR CONDITIONING SYSTEMS**

	TOTAL	NO AIR	%	HEAT PUMP	%	WINDOW	%	CENTRAL	%	SHARED AIR CON	%
<b>OVERALL</b>	<b>484,811</b>	<b>74,394</b>	<b>15.3%</b>	<b>10,167</b>	<b>2.1%</b>	<b>91,916</b>	<b>19.0%</b>	<b>301,217</b>	<b>62.1%</b>	<b>7,117</b>	<b>1.5%</b>
<b>FUEL AREA</b>											
Winnipeg City	261,760	24,898	9.5%	3,109	1.2%	44,112	16.9%	183,242	70.0%	6,399	2.4%
Gas Available	140,021	19,510	13.9%	3,901	2.8%	24,119	17.2%	91,774	65.5%	717	0.5%
No Gas Available	83,030	29,986	36.1%	3,157	3.8%	23,685	28.5%	26,201	31.6%	0	0.0%
<b>DWELLING TYPE</b>											
Single Detached	373,568	56,577	15.1%	7,550	2.0%	49,593	13.3%	259,848	69.6%	0	0.0%
Multi Attached	46,834	7,753	16.6%	480	1.0%	10,146	21.7%	27,568	58.9%	888	1.9%
Apartment Suite	64,409	10,063	15.6%	2,137	3.3%	32,178	50.0%	13,802	21.4%	6,229	9.7%
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	2,494	6.6%	1,304	3.5%	4,201	11.2%	29,503	78.4%	143	0.4%
1990-2009	89,181	9,325	10.5%	3,597	4.0%	11,466	12.9%	64,213	72.0%	580	0.7%
1970-1989	161,749	19,566	12.1%	2,271	1.4%	36,264	22.4%	101,036	62.5%	2,611	1.6%
1950-1969	110,314	18,318	16.6%	1,696	1.5%	16,894	15.3%	69,767	63.2%	3,639	3.3%
Pre 1950	85,922	24,690	28.7%	1,300	1.5%	23,091	26.9%	36,697	42.7%	143	0.2%
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	43,512	22.7%	9,007	4.7%	56,967	29.7%	82,154	42.9%	0	0.0%
Natural Gas Heat	249,938	17,208	6.9%	0	0.0%	14,004	5.6%	218,726	87.5%	0	0.0%
Other Fuel	6,945	2,561	36.9%	0	0.0%	4,047	58.3%	337	4.9%	0	0.0%
Shared (No Heat on Bill)	36,289	11,113	30.6%	1,160	3.2%	16,899	46.6%	0	0.0%	7,117	19.6%
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	26,471	21.2%	1,849	1.5%	33,674	27.0%	59,161	47.4%	3,625	2.9%
Two	221,729	30,295	13.7%	5,594	2.5%	37,406	16.9%	145,676	65.7%	2,758	1.2%
Three	60,069	6,675	11.1%	1,213	2.0%	9,114	15.2%	42,334	70.5%	734	1.2%
Four	48,897	6,473	13.2%	1,182	2.4%	6,597	13.5%	34,645	70.9%	0	0.0%
Five +	29,337	4,481	15.3%	329	1.1%	5,126	17.5%	19,401	66.1%	0	0.0%
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	19,781	33.3%	1,133	1.9%	20,492	34.5%	17,640	29.7%	434	0.7%
\$25,000 - \$49,999	137,082	22,590	16.5%	2,139	1.6%	30,219	22.0%	78,069	57.0%	4,065	3.0%
\$50,000 - \$74,999	123,824	16,074	13.0%	2,336	1.9%	22,496	18.2%	81,758	66.0%	1,160	0.9%
\$75,000 - \$99,999	66,780	6,870	10.3%	2,057	3.1%	8,686	13.0%	48,733	73.0%	434	0.6%
\$100,000 +	97,644	9,078	9.3%	2,501	2.6%	10,024	10.3%	75,016	76.8%	1,024	1.0%
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	37,157	23.4%	2,241	1.4%	42,278	26.6%	74,115	46.6%	3,195	2.0%
No	325,824	37,237	11.4%	7,926	2.4%	49,638	15.2%	227,102	69.7%	3,922	1.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	12,206	23.7%	1,304	2.5%	16,452	32.0%	21,177	41.2%	290	0.6%
No	409,630	59,223	14.5%	8,567	2.1%	71,635	17.5%	263,378	64.3%	6,827	1.7%
Undeclared	23,751	2,964	12.5%	296	1.2%	3,829	16.1%	16,662	70.2%	0	0.0%
<b>FIRST NATION ON RESERVE</b>											
FIRST NATION ON RESERVE	15,456	6,181	40.0%	814	5.3%	6,615	42.8%	1,846	11.9%	0	0.0%
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	60,940	13.9%	8,982	2.0%	78,246	17.8%	284,053	64.7%	7,117	1.6%
Satisfactory	22,395	5,672	25.3%	479	2.1%	5,609	25.0%	10,635	47.5%	0	0.0%
Poor	23,077	7,781	33.7%	706	3.1%	8,061	34.9%	6,529	28.3%	0	0.0%
<b>DWELLING OWNERSHIP</b>											
Own	404,316	54,238	13.4%	8,381	2.1%	54,840	13.6%	284,088	70.3%	2,768	0.7%
Rent / Other	80,495	20,156	25.0%	1,786	2.2%	37,077	46.1%	17,128	21.3%	4,348	5.4%

**2017 RESIDENTIAL SURVEY SECTION 3 - COOLING SYSTEM - REFERENCE TABLE 3.02**  
**AGE (YEARS) OF THE AIR CONDITIONING UNIT**

	TOTAL	AVE AGE	0-3 YRS %	4-6 YRS %	7-9 YRS %	10-20 YRS %	OVER 20 YRS %	SHARED AIR CON %	NO AIR %
<b>OVERALL</b>	484,811	14.1	82,232 17.0%	61,264 12.6%	48,119 9.9%	107,112 22.1%	104,574 21.6%	7,117 1.5%	74,394 15.3%
<b>FUEL AREA</b>									
Winnipeg City	261,760	15.1	44,917 17.2%	34,861 13.3%	28,050 10.7%	53,482 20.4%	69,154 26.4%	6,399 2.4%	24,898 9.5%
Gas Available	140,021	13.4	24,351 17.4%	16,748 12.0%	14,536 10.4%	38,184 27.3%	25,975 18.6%	717 0.5%	19,510 13.9%
No Gas Available	83,030	11.7	12,964 15.6%	9,655 11.6%	5,533 6.7%	15,446 18.6%	9,446 11.4%	0 0.0%	29,986 36.1%
<b>DWELLING TYPE</b>									
Single Detached	373,568	13.7	58,931 15.8%	50,383 13.5%	39,719 10.6%	92,988 24.9%	74,969 20.1%	0 0.0%	56,577 15.1%
Multi Attached	46,834	13.9	10,759 23.0%	4,959 10.6%	4,434 9.5%	7,929 16.9%	10,112 21.6%	888 1.9%	7,753 16.6%
Apartment Suite	64,409	17.2	12,542 19.5%	5,922 9.2%	3,966 6.2%	6,194 9.6%	19,492 30.3%	6,229 9.7%	10,063 15.6%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	2.7	29,557 78.5%	3,400 9.0%	1,663 4.4%	388 1.0%	0 0.0%	143 0.4%	2,494 6.6%
1990-2009	89,181	11.4	6,743 7.6%	14,879 16.7%	14,260 16.0%	34,371 38.5%	9,024 10.1%	580 0.7%	9,325 10.5%
1970-1989	161,749	16.9	21,122 13.1%	20,388 12.6%	15,404 9.5%	31,641 19.6%	51,017 31.5%	2,611 1.6%	19,566 12.1%
1950-1969	110,314	16.8	13,686 12.4%	12,554 11.4%	8,518 7.7%	23,541 21.3%	30,059 27.2%	3,639 3.3%	18,318 16.6%
Pre 1950	85,922	14.0	11,125 12.9%	10,043 11.7%	8,275 9.6%	17,171 20.0%	14,474 16.8%	143 0.2%	24,690 28.7%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	12.5	36,914 19.3%	24,472 12.8%	18,256 9.5%	37,338 19.5%	31,148 16.3%	0 0.0%	43,512 22.7%
Natural Gas Heat	249,938	14.7	40,938 16.4%	33,918 13.6%	27,815 11.1%	67,267 26.9%	62,792 25.1%	0 0.0%	17,208 6.9%
Other Fuel	6,945	8.5	1,231 17.7%	1,717 24.7%	0 0.0%	762 11.0%	675 9.7%	0 0.0%	2,561 36.9%
Shared (No Heat on Bill)	36,289	21.6	3,150 8.7%	1,157 3.2%	2,048 5.6%	1,744 4.8%	9,959 27.4%	7,117 19.6%	11,113 30.6%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	16.3	17,398 13.9%	12,167 9.8%	9,821 7.9%	23,306 18.7%	31,992 25.6%	3,625 2.9%	26,471 21.2%
Two	221,729	13.7	36,368 16.4%	29,397 13.3%	22,941 10.3%	55,191 24.9%	44,779 20.2%	2,758 1.2%	30,295 13.7%
Three	60,069	13.9	11,236 18.7%	7,656 12.7%	6,682 11.1%	13,637 22.7%	13,450 22.4%	734 1.2%	6,675 11.1%
Four	48,897	12.9	10,362 21.2%	7,482 15.3%	6,209 12.7%	8,605 17.6%	9,765 20.0%	0 0.0%	6,473 13.2%
Five +	29,337	11.7	6,868 23.4%	4,562 15.6%	2,465 8.4%	6,373 21.7%	4,588 15.6%	0 0.0%	4,481 15.3%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	16.3	7,065 11.9%	6,752 11.4%	3,081 5.2%	9,279 15.6%	13,090 22.0%	434 0.7%	19,781 33.3%
\$25,000 - \$49,999	137,082	14.8	21,928 16.0%	14,581 10.6%	12,121 8.8%	30,537 22.3%	31,259 22.8%	4,065 3.0%	22,590 16.5%
\$50,000 - \$74,999	123,824	14.4	20,938 16.9%	15,979 12.9%	13,039 10.5%	28,165 22.7%	28,470 23.0%	1,160 0.9%	16,074 13.0%
\$75,000 - \$99,999	66,780	13.8	13,710 20.5%	8,576 12.8%	7,124 10.7%	14,980 22.4%	15,086 22.6%	434 0.6%	6,870 10.3%
\$100,000 +	97,644	12.3	18,592 19.0%	15,376 15.7%	12,754 13.1%	24,151 24.7%	16,668 17.1%	1,024 1.0%	9,078 9.3%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	15.2	22,714 14.3%	17,956 11.3%	12,654 8.0%	30,150 19.0%	35,161 22.1%	3,195 2.0%	37,157 23.4%
No	325,824	13.7	59,518 18.3%	43,308 13.3%	35,465 10.9%	76,962 23.6%	69,413 21.3%	3,922 1.2%	37,237 11.4%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	12.5	9,180 17.8%	7,904 15.4%	5,387 10.5%	7,970 15.5%	8,492 16.5%	290 0.6%	12,206 23.7%
No	409,630	14.4	68,040 16.6%	49,761 12.1%	39,749 9.7%	95,446 23.3%	90,585 22.1%	6,827 1.7%	59,223 14.5%
Undeclared	23,751	13.1	5,013 21.1%	3,599 15.2%	2,983 12.6%	3,696 15.6%	5,496 23.1%	0 0.0%	2,964 12.5%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	9.6	2,791 18.1%	2,275 14.7%	777 5.0%	2,244 14.5%	1,187 7.7%	0 0.0%	6,181 40.0%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	14.2	74,539 17.0%	55,737 12.7%	44,711 10.2%	99,412 22.6%	96,882 22.1%	7,117 1.6%	60,940 13.9%
Satisfactory	22,395	13.6	4,042 18.0%	2,858 12.8%	2,140 9.6%	3,741 16.7%	3,942 17.6%	0 0.0%	5,672 25.3%
Poor	23,077	13.8	3,651 15.8%	2,668 11.6%	1,267 5.5%	3,959 17.2%	3,750 16.2%	0 0.0%	7,781 33.7%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	13.7	67,001 16.6%	53,687 13.3%	43,673 10.8%	99,989 24.7%	82,960 20.5%	2,768 0.7%	54,238 13.4%
Rent / Other	80,495	16.8	15,231 18.9%	7,577 9.4%	4,446 5.5%	7,123 8.8%	21,614 26.9%	4,348 5.4%	20,156 25.0%

**2017 RESIDENTIAL SURVEY SECTION 3 - COOLING SYSTEM - REFERENCE TABLE 3.03  
COOLING SYSTEM ORIGINAL/REPLACEMENT**

	TOTAL	ORIGINAL	%	REPLACED	%	SHARED	%	NO AIR	%
<b>OVERALL</b>	<b>484,811</b>	<b>180,301</b>	<b>37.2%</b>	<b>222,999</b>	<b>46.0%</b>	<b>7,117</b>	<b>1.5%</b>	<b>74,394</b>	<b>15.3%</b>
<b>FUEL AREA</b>									
Winnipeg City	261,760	99,262	37.9%	131,200	50.1%	6,399	2.4%	24,898	9.5%
Gas Available	140,021	59,897	42.8%	59,897	42.8%	717	0.5%	19,510	13.9%
No Gas Available	83,030	21,142	25.5%	31,902	38.4%	0	0.0%	29,986	36.1%
<b>DWELLING TYPE</b>									
Single Detached	373,568	125,850	33.7%	191,140	51.2%	0	0.0%	56,577	15.1%
Multi Attached	46,834	21,964	46.9%	16,229	34.7%	888	1.9%	7,753	16.6%
Apartment Suite	64,409	32,487	50.4%	15,630	24.3%	6,229	9.7%	10,063	15.6%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	35,007	93.0%	0	0.0%	143	0.4%	2,494	6.6%
1990-2009	89,181	62,972	70.6%	16,304	18.3%	580	0.7%	9,325	10.5%
1970-1989	161,749	43,904	27.1%	95,667	59.1%	2,611	1.6%	19,566	12.1%
1950-1969	110,314	25,831	23.4%	62,527	56.7%	3,639	3.3%	18,318	16.6%
Pre 1950	85,922	12,587	14.6%	48,502	56.4%	143	0.2%	24,690	28.7%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	73,280	38.2%	74,847	39.1%	0	0.0%	43,512	22.7%
Natural Gas Heat	249,938	95,819	38.3%	136,911	54.8%	0	0.0%	17,208	6.9%
Other Fuel	6,945	806	11.6%	3,578	51.5%	0	0.0%	2,561	36.9%
Shared (No Heat on Bill)	36,289	10,396	28.6%	7,663	21.1%	7,117	19.6%	11,113	30.6%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	44,402	35.6%	50,282	40.3%	3,625	2.9%	26,471	21.2%
Two	221,729	78,557	35.4%	110,119	49.7%	2,758	1.2%	30,295	13.7%
Three	60,069	23,605	39.3%	29,055	48.4%	734	1.2%	6,675	11.1%
Four	48,897	21,688	44.4%	20,735	42.4%	0	0.0%	6,473	13.2%
Five +	29,337	12,048	41.1%	12,807	43.7%	0	0.0%	4,481	15.3%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	18,831	31.7%	20,434	34.4%	434	0.7%	19,781	33.3%
\$25,000 - \$49,999	137,082	45,078	32.9%	65,349	47.7%	4,065	3.0%	22,590	16.5%
\$50,000 - \$74,999	123,824	46,746	37.8%	59,844	48.3%	1,160	0.9%	16,074	13.0%
\$75,000 - \$99,999	66,780	28,847	43.2%	30,630	45.9%	434	0.6%	6,870	10.3%
\$100,000 +	97,644	40,800	41.8%	46,742	47.9%	1,024	1.0%	9,078	9.3%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	52,671	33.1%	65,964	41.5%	3,195	2.0%	37,157	23.4%
No	325,824	127,631	39.2%	157,035	48.2%	3,922	1.2%	37,237	11.4%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	16,524	32.1%	22,409	43.6%	290	0.6%	12,206	23.7%
No	409,630	154,795	37.8%	188,786	46.1%	6,827	1.7%	59,223	14.5%
Undeclared	23,751	8,983	37.8%	11,804	49.7%	0	0.0%	2,964	12.5%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	4,818	31.2%	4,458	28.8%	0	0.0%	6,181	40.0%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	165,371	37.6%	205,911	46.9%	7,117	1.6%	60,940	13.9%
Satisfactory	22,395	7,707	34.4%	9,015	40.3%	0	0.0%	5,672	25.3%
Poor	23,077	7,223	31.3%	8,072	35.0%	0	0.0%	7,781	33.7%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	145,474	36.0%	201,836	49.9%	2,768	0.7%	54,238	13.4%
Rent / Other	80,495	34,828	43.3%	21,163	26.3%	4,348	5.4%	20,156	25.0%

**2017 RESIDENTIAL SURVEY SECTION 3 - COOLING SYSTEM - REFERENCE TABLE 3.04  
IS THE THERMOSTAT TURNED DOWN AT NIGHT**

	EVERY				OCCASSI				PROGRAM				NO AIR		
	TOTAL	NIGHT	%	MOST	%	ONALLY	%	NEVER	%	MED	%	SHARED	%	CONDITIONING	%
<b>OVERALL</b>	484,811	77,025	15.9%	42,532	8.8%	101,392	20.9%	110,875	22.9%	71,476	14.7%	7,117	1.5%	74,394	15.3%
<b>FUEL AREA</b>															
Winnipeg City	261,760	41,671	15.9%	25,609	9.8%	55,791	21.3%	59,104	22.6%	48,287	18.4%	6,399	2.4%	24,898	9.5%
Gas Available	140,021	25,628	18.3%	11,347	8.1%	30,970	22.1%	33,927	24.2%	17,922	12.8%	717	0.5%	19,510	13.9%
No Gas Available	83,030	9,726	11.7%	5,576	6.7%	14,630	17.6%	17,844	21.5%	5,267	6.3%	0	0.0%	29,986	36.1%
<b>DWELLING TYPE</b>															
Single Detached	373,568	59,095	15.8%	31,101	8.3%	79,174	21.2%	85,097	22.8%	62,524	16.7%	0	0.0%	56,577	15.1%
Multi Attached	46,834	7,426	15.9%	4,626	9.9%	9,037	19.3%	10,932	23.3%	6,172	13.2%	888	1.9%	7,753	16.6%
Apartment Suite	64,409	10,505	16.3%	6,805	10.6%	13,181	20.5%	14,846	23.0%	2,780	4.3%	6,229	9.7%	10,063	15.6%
<b>BUILDING CODE ERA</b>															
2010-2017	37,645	8,316	22.1%	3,397	9.0%	6,269	16.7%	10,141	26.9%	6,884	18.3%	143	0.4%	2,494	6.6%
1990-2009	89,181	16,332	18.3%	7,727	8.7%	20,039	22.5%	20,665	23.2%	14,513	16.3%	580	0.7%	9,325	10.5%
1970-1989	161,749	24,484	15.1%	13,786	8.5%	35,138	21.7%	42,687	26.4%	23,477	14.5%	2,611	1.6%	19,566	12.1%
1950-1969	110,314	15,735	14.3%	10,648	9.7%	22,971	20.8%	21,446	19.4%	17,558	15.9%	3,639	3.3%	18,318	16.6%
Pre 1950	85,922	12,159	14.2%	6,974	8.1%	16,975	19.8%	15,936	18.5%	9,045	10.5%	143	0.2%	24,690	28.7%
<b>SPACE HEAT FUEL</b>															
Electric Heat	191,639	29,830	15.6%	16,689	8.7%	39,316	20.5%	45,109	23.5%	17,184	9.0%	0	0.0%	43,512	22.7%
Natural Gas Heat	249,938	42,009	16.8%	23,078	9.2%	55,324	22.1%	59,209	23.7%	53,110	21.2%	0	0.0%	17,208	6.9%
Other Fuel	6,945	1,702	24.5%	0	0.0%	556	8.0%	1,524	21.9%	602	8.7%	0	0.0%	2,561	36.9%
Shared (No Heat on Bill)	36,289	3,485	9.6%	2,765	7.6%	6,195	17.1%	5,034	13.9%	580	1.6%	7,117	19.6%	11,113	30.6%
<b>PEOPLE PER HOUSEHOLD</b>															
One	124,779	15,858	12.7%	10,202	8.2%	24,941	20.0%	31,805	25.5%	11,878	9.5%	3,625	2.9%	26,471	21.2%
Two	221,729	39,377	17.8%	20,228	9.1%	47,889	21.6%	49,632	22.4%	31,550	14.2%	2,758	1.2%	30,295	13.7%
Three	60,069	9,559	15.9%	5,441	9.1%	12,427	20.7%	14,201	23.6%	11,032	18.4%	734	1.2%	6,675	11.1%
Four	48,897	8,913	18.2%	3,936	8.0%	8,775	17.9%	8,913	18.2%	11,887	24.3%	0	0.0%	6,473	13.2%
Five +	29,337	3,319	11.3%	2,725	9.3%	7,358	25.1%	6,324	21.6%	5,129	17.5%	0	0.0%	4,481	15.3%
<b>HOUSEHOLD INCOME</b>															
LESS THAN \$25,000	59,481	7,112	12.0%	4,308	7.2%	10,326	17.4%	13,966	23.5%	3,554	6.0%	434	0.7%	19,781	33.3%
\$25,000 - \$49,999	137,082	21,468	15.7%	11,450	8.4%	29,522	21.5%	33,986	24.8%	14,002	10.2%	4,065	3.0%	22,590	16.5%
\$50,000 - \$74,999	123,824	18,492	14.9%	11,912	9.6%	28,813	23.3%	28,455	23.0%	18,917	15.3%	1,160	0.9%	16,074	13.0%
\$75,000 - \$99,999	66,780	10,278	15.4%	5,440	8.1%	14,279	21.4%	15,029	22.5%	14,451	21.6%	434	0.6%	6,870	10.3%
\$100,000 +	97,644	19,676	20.2%	9,421	9.6%	18,452	18.9%	19,439	19.9%	20,553	21.0%	1,024	1.0%	9,078	9.3%
<b>WINNIPEG LICO-125 CLASS</b>															
Yes	158,987	20,810	13.1%	13,127	8.3%	31,667	19.9%	37,883	23.8%	15,147	9.5%	3,195	2.0%	37,157	23.4%
No	325,824	56,215	17.3%	29,404	9.0%	69,725	21.4%	72,992	22.4%	56,329	17.3%	3,922	1.2%	37,237	11.4%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>															
Yes	51,429	5,820	11.3%	3,775	7.3%	13,551	26.3%	11,233	21.8%	4,554	8.9%	290	0.6%	12,206	23.7%
No	409,630	67,926	16.6%	37,136	9.1%	83,036	20.3%	92,755	22.6%	62,728	15.3%	6,827	1.7%	59,223	14.5%
Undeclared	23,751	3,279	13.8%	1,621	6.8%	4,805	20.2%	6,888	29.0%	4,194	17.7%	0	0.0%	2,964	12.5%
<b>FIRST NATION ON RESERVE</b>															
FIRST NATION ON RESERVE	15,456	1,405	9.1%	845	5.5%	3,619	23.4%	3,002	19.4%	404	2.6%	0	0.0%	6,181	40.0%
<b>BILL PAYMENT RATING</b>															
Excellent	439,339	71,330	16.2%	38,746	8.8%	91,136	20.7%	102,265	23.3%	67,804	15.4%	7,117	1.6%	60,940	13.9%
Satisfactory	22,395	2,598	11.6%	1,774	7.9%	5,082	22.7%	4,640	20.7%	2,628	11.7%	0	0.0%	5,672	25.3%
Poor	23,077	3,097	13.4%	2,011	8.7%	5,174	22.4%	3,970	17.2%	1,044	4.5%	0	0.0%	7,781	33.7%
<b>DWELLING OWNERSHIP</b>															
Own	404,316	65,548	16.2%	35,215	8.7%	84,619	20.9%	93,833	23.2%	68,094	16.8%	2,768	0.7%	54,238	13.4%
Rent / Other	80,495	11,477	14.3%	7,317	9.1%	16,773	20.8%	17,043	21.2%	3,382	4.2%	4,348	5.4%	20,156	25.0%





# **SECTION 4**

## **RESIDENTIAL HOT WATER**

**2017 RESIDENTIAL SURVEY SECTION 4 - RESIDENTIAL HOT WATER - REFERENCE TABLE 4.01  
HOT WATER TANK TYPES**

	TOTAL	NO TANK	%	SHARED WATER	%	PRIVATE	%	TANKLESS	%
<b>OVERALL</b>	<b>484,811</b>	753	<b>0.2%</b>	54,567	<b>11.3%</b>	427,210	<b>88.1%</b>	2,282	<b>0.5%</b>
<b>FUEL AREA</b>									
Winnipeg City	261,760	0	<b>0.0%</b>	48,550	<b>18.5%</b>	212,120	<b>81.0%</b>	1,090	<b>0.4%</b>
Gas Available	140,021	100	<b>0.1%</b>	4,983	<b>3.6%</b>	134,635	<b>96.2%</b>	302	<b>0.2%</b>
No Gas Available	83,030	652	<b>0.8%</b>	1,034	<b>1.2%</b>	80,454	<b>96.9%</b>	890	<b>1.1%</b>
<b>DWELLING TYPE</b>									
Single Detached	373,568	753	<b>0.2%</b>	0	<b>0.0%</b>	371,188	<b>99.4%</b>	1,627	<b>0.4%</b>
Multi Attached	46,834	0	<b>0.0%</b>	2,996	<b>6.4%</b>	43,838	<b>93.6%</b>	0	<b>0.0%</b>
Apartment Suite	64,409	0	<b>0.0%</b>	51,571	<b>80.1%</b>	12,184	<b>18.9%</b>	655	<b>1.0%</b>
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	0	<b>0.0%</b>	3,545	<b>9.4%</b>	33,648	<b>89.4%</b>	452	<b>1.2%</b>
1990-2009	89,181	62	<b>0.1%</b>	8,055	<b>9.0%</b>	80,439	<b>90.2%</b>	625	<b>0.7%</b>
1970-1989	161,749	367	<b>0.2%</b>	17,189	<b>10.6%</b>	143,785	<b>88.9%</b>	407	<b>0.3%</b>
1950-1969	110,314	112	<b>0.1%</b>	16,673	<b>15.1%</b>	93,124	<b>84.4%</b>	405	<b>0.4%</b>
Pre 1950	85,922	212	<b>0.2%</b>	9,104	<b>10.6%</b>	76,213	<b>88.7%</b>	393	<b>0.5%</b>
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	622	<b>0.3%</b>	20,049	<b>10.5%</b>	169,773	<b>88.6%</b>	1,195	<b>0.6%</b>
Natural Gas Heat	249,938	0	<b>0.0%</b>	1,602	<b>0.6%</b>	247,877	<b>99.2%</b>	459	<b>0.2%</b>
Other Fuel	6,945	131	<b>1.9%</b>	0	<b>0.0%</b>	6,476	<b>93.3%</b>	337	<b>4.9%</b>
Shared (No Heat on Bill)	36,289	0	<b>0.0%</b>	32,916	<b>90.7%</b>	3,083	<b>8.5%</b>	290	<b>0.8%</b>
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	691	<b>0.6%</b>	29,150	<b>23.4%</b>	93,619	<b>75.0%</b>	1,320	<b>1.1%</b>
Two	221,729	31	<b>0.0%</b>	20,895	<b>9.4%</b>	200,133	<b>90.3%</b>	670	<b>0.3%</b>
Three	60,069	0	<b>0.0%</b>	3,473	<b>5.8%</b>	56,597	<b>94.2%</b>	0	<b>0.0%</b>
Four	48,897	0	<b>0.0%</b>	616	<b>1.3%</b>	48,020	<b>98.2%</b>	261	<b>0.5%</b>
Five +	29,337	31	<b>0.1%</b>	434	<b>1.5%</b>	28,841	<b>98.3%</b>	31	<b>0.1%</b>
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	417	<b>0.7%</b>	11,681	<b>19.6%</b>	46,953	<b>78.9%</b>	430	<b>0.7%</b>
\$25,000 - \$49,999	137,082	162	<b>0.1%</b>	19,784	<b>14.4%</b>	116,188	<b>84.8%</b>	947	<b>0.7%</b>
\$50,000 - \$74,999	123,824	143	<b>0.1%</b>	13,556	<b>10.9%</b>	109,673	<b>88.6%</b>	452	<b>0.4%</b>
\$75,000 - \$99,999	66,780	0	<b>0.0%</b>	4,384	<b>6.6%</b>	62,396	<b>93.4%</b>	0	<b>0.0%</b>
\$100,000 +	97,644	31	<b>0.0%</b>	5,161	<b>5.3%</b>	91,999	<b>94.2%</b>	453	<b>0.5%</b>
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	579	<b>0.4%</b>	23,519	<b>14.8%</b>	134,142	<b>84.4%</b>	746	<b>0.5%</b>
No	325,824	174	<b>0.1%</b>	31,047	<b>9.5%</b>	293,067	<b>89.9%</b>	1,536	<b>0.5%</b>
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	318	<b>0.6%</b>	4,722	<b>9.2%</b>	46,061	<b>89.6%</b>	329	<b>0.6%</b>
No	409,630	435	<b>0.1%</b>	48,868	<b>11.9%</b>	358,374	<b>87.5%</b>	1,953	<b>0.5%</b>
Undeclared	23,751	0	<b>0.0%</b>	977	<b>4.1%</b>	22,775	<b>95.9%</b>	0	<b>0.0%</b>
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	318	<b>2.1%</b>	131	<b>0.8%</b>	14,790	<b>95.7%</b>	218	<b>1.4%</b>
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	435	<b>0.1%</b>	49,319	<b>11.2%</b>	387,489	<b>88.2%</b>	2,095	<b>0.5%</b>
Satisfactory	22,395	193	<b>0.9%</b>	2,011	<b>9.0%</b>	20,129	<b>89.9%</b>	62	<b>0.3%</b>
Poor	23,077	124	<b>0.5%</b>	3,237	<b>14.0%</b>	19,592	<b>84.9%</b>	124	<b>0.5%</b>
<b>DWELLING OWNERSHIP</b>									
Own	404,316	559	<b>0.1%</b>	15,179	<b>3.8%</b>	387,055	<b>95.7%</b>	1,523	<b>0.4%</b>
Rent / Other	80,495	193	<b>0.2%</b>	39,388	<b>48.9%</b>	40,154	<b>49.9%</b>	759	<b>0.9%</b>

**2017 RESIDENTIAL SURVEY SECTION 4 - RESIDENTIAL HOT WATER - REFERENCE TABLE 4.02  
HOT WATER HEATER FUELS**

	TOTAL		NATURAL		FUEL		NO		SHARED	
	COUNT	%	GAS	%	PROPANE	%	WOOD	%	HEATER	%
<b>OVERALL</b>	<b>484,811</b>	<b>244,689 50.5%</b>	<b>180,327 37.2%</b>	<b>3,908 0.8%</b>	<b>393 0.1%</b>	<b>174 0.0%</b>	<b>0 0.0%</b>	<b>0 0.0%</b>	<b>753 0.2%</b>	<b>54,567 11.3%</b>
<b>FUEL AREA</b>										
Winnipeg City	261,760	70,771 27.0%	140,059 53.5%	2,380 0.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	48,550 18.5%
Gas Available	140,021	93,762 67.0%	40,268 28.8%	907 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	100 0.1%	4,983 3.6%
No Gas Available	83,030	80,156 96.5%	0 0.0%	620 0.7%	393 0.5%	174 0.2%	0 0.0%	0 0.0%	652 0.8%	1,034 1.2%
<b>DWELLING TYPE</b>										
Single Detached	373,568	210,374 56.3%	160,852 43.1%	1,022 0.3%	393 0.1%	174 0.0%	0 0.0%	0 0.0%	753 0.2%	0 0.0%
Multi Attached	46,834	22,650 48.4%	18,957 40.5%	2,231 4.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2,996 6.4%
Apartment Suite	64,409	11,666 18.1%	518 0.8%	655 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	51,571 80.1%
<b>BUILDING CODE ERA</b>										
2010-2017	37,645	30,701 81.6%	3,039 8.1%	360 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3,545 9.4%
1990-2009	89,181	56,607 63.5%	23,354 26.2%	648 0.7%	393 0.4%	62 0.1%	0 0.0%	0 0.0%	62 0.1%	8,055 9.0%
1970-1989	161,749	76,336 47.2%	66,835 41.3%	1,021 0.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	367 0.2%	17,189 10.6%
1950-1969	110,314	41,019 37.2%	52,298 47.4%	100 0.1%	0 0.0%	112 0.1%	0 0.0%	0 0.0%	112 0.1%	16,673 15.1%
Pre 1950	85,922	40,025 46.6%	34,802 40.5%	1,779 2.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	212 0.2%	9,104 10.6%
<b>SPACE HEAT FUEL</b>										
Electric Heat	191,639	166,952 87.1%	1,113 0.6%	2,730 1.4%	0 0.0%	174 0.1%	0 0.0%	0 0.0%	622 0.3%	20,049 10.5%
Natural Gas Heat	249,938	69,122 27.7%	179,214 71.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1,602 0.6%
Other Fuel	6,945	6,420 92.4%	0 0.0%	0 0.0%	393 5.7%	0 0.0%	0 0.0%	0 0.0%	131 1.9%	0 0.0%
Shared (No Heat on Bill)	36,289	2,195 6.0%	0 0.0%	1,178 3.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	32,916 90.7%
<b>PEOPLE PER HOUSEHOLD</b>										
One	124,779	54,583 43.7%	39,117 31.3%	1,178 0.9%	0 0.0%	62 0.0%	0 0.0%	0 0.0%	691 0.6%	29,150 23.4%
Two	221,729	115,765 52.2%	82,557 37.2%	2,238 1.0%	131 0.1%	112 0.1%	0 0.0%	0 0.0%	31 0.0%	20,895 9.4%
Three	60,069	29,266 48.7%	27,199 45.3%	131 0.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3,473 5.8%
Four	48,897	26,188 53.6%	21,962 44.9%	0 0.0%	131 0.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	616 1.3%
Five +	29,337	18,887 64.4%	9,493 32.4%	360 1.2%	131 0.4%	0 0.0%	0 0.0%	0 0.0%	31 0.1%	434 1.5%
<b>HOUSEHOLD INCOME</b>										
Less Than \$25,000	59,481	34,145 57.4%	12,201 20.5%	581 1.0%	393 0.7%	62 0.1%	0 0.0%	0 0.0%	417 0.7%	11,681 19.6%
\$25,000 - \$49,999	137,082	68,693 50.1%	46,772 34.1%	1,559 1.1%	0 0.0%	112 0.1%	0 0.0%	0 0.0%	162 0.1%	19,784 14.4%
\$50,000 - \$74,999	123,824	59,287 47.9%	50,187 40.5%	651 0.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	143 0.1%	13,556 10.9%
\$75,000 - \$99,999	66,780	34,753 52.0%	27,543 41.2%	100 0.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4,384 6.6%
\$100,000 +	97,644	47,811 49.0%	43,625 44.7%	1,016 1.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	31 0.0%	5,161 5.3%
<b>WINNIPEG LICO-125 CLASS</b>										
Yes	158,987	86,626 54.5%	46,375 29.2%	1,433 0.9%	393 0.2%	62 0.0%	0 0.0%	0 0.0%	579 0.4%	23,519 14.8%
No	325,824	158,064 48.5%	133,953 41.1%	2,475 0.8%	0 0.0%	112 0.0%	0 0.0%	0 0.0%	174 0.1%	31,047 9.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>										
Yes	51,429	33,680 65.5%	11,658 22.7%	596 1.2%	393 0.8%	62 0.1%	0 0.0%	0 0.0%	318 0.6%	4,722 9.2%
No	409,630	199,377 48.7%	157,527 38.5%	3,311 0.8%	0 0.0%	112 0.0%	0 0.0%	0 0.0%	435 0.1%	48,868 11.9%
Undeclared	23,751	11,633 49.0%	11,142 46.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	977 4.1%
<b>FIRST NATION ON RESERVE</b>										
FIRST NATION ON RESERVE	15,456	14,621 94.6%	0 0.0%	62 0.4%	262 1.7%	62 0.4%	0 0.0%	0 0.0%	318 2.1%	131 0.8%
<b>BILL PAYMENT RATING</b>										
Excellent	439,339	216,878 49.4%	169,012 38.5%	3,290 0.7%	262 0.1%	143 0.0%	0 0.0%	0 0.0%	435 0.1%	49,319 11.2%
Satisfactory	22,395	12,721 56.8%	7,439 33.2%	31 0.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	193 0.9%	2,011 9.0%
Poor	23,077	15,091 65.4%	3,876 16.8%	586 2.5%	131 0.6%	31 0.1%	0 0.0%	0 0.0%	124 0.5%	3,237 14.0%
<b>DWELLING OWNERSHIP</b>										
Own	404,316	214,680 53.1%	171,486 42.4%	2,270 0.6%	0 0.0%	143 0.0%	0 0.0%	0 0.0%	559 0.1%	15,179 3.8%
Rent / Other	80,495	30,009 37.3%	8,842 11.0%	1,638 2.0%	393 0.5%	31 0.0%	0 0.0%	0 0.0%	193 0.2%	39,388 48.9%

**2017 RESIDENTIAL SURVEY SECTION 4 - RESIDENTIAL HOT WATER - REFERENCE TABLE 4.03  
AGE (YEARS) OF THE HOT WATER HEATER**

	TOTAL	AVE AGE	0-3 YRS	%	4-6 YRS	%	7-9 YRS	%	10-15 YRS	%	OVER 15 YRS	%	NO HEATER	%	SHARED WATER	%
<b>OVERALL</b>	<b>484,811</b>	<b>7.6</b>	128,160	26.4%	98,875	20.4%	76,268	15.7%	90,356	18.6%	35,833	7.4%	753	0.2%	54,567	11.3%
<b>FUEL AREA</b>																
Winnipeg City	261,760	6.9	66,177	25.3%	50,411	19.3%	42,345	16.2%	44,394	17.0%	9,883	3.8%	0	0.0%	48,550	18.5%
Gas Available	140,021	7.8	42,426	30.3%	30,975	22.1%	21,942	15.7%	24,263	17.3%	15,333	11.0%	100	0.1%	4,983	3.6%
No Gas Available	83,030	9.0	19,557	23.6%	17,489	21.1%	11,981	14.4%	21,700	26.1%	10,617	12.8%	652	0.8%	1,034	1.2%
<b>DWELLING TYPE</b>																
Single Detached	373,568	7.7	108,298	29.0%	87,772	23.5%	66,555	17.8%	77,595	20.8%	32,595	8.7%	753	0.2%	0	0.0%
Multi Attached	46,834	7.0	14,741	31.5%	9,652	20.6%	8,242	17.6%	8,617	18.4%	2,587	5.5%	0	0.0%	2,996	6.4%
Apartment Suite	64,409	6.9	5,122	8.0%	1,451	2.3%	1,471	2.3%	4,144	6.4%	651	1.0%	0	0.0%	51,571	80.1%
<b>BUILDING CODE ERA</b>																
2010-2017	37,645	2.8	28,425	75.5%	2,925	7.8%	2,065	5.5%	686	1.8%	0	0.0%	0	0.0%	3,545	9.4%
1990-2009	89,181	8.2	18,803	21.1%	22,399	25.1%	14,929	16.7%	13,847	15.5%	11,087	12.4%	62	0.1%	8,055	9.0%
1970-1989	161,749	8.2	35,948	22.2%	34,200	21.1%	25,784	15.9%	35,212	21.8%	13,048	8.1%	367	0.2%	17,189	10.6%
1950-1969	110,314	7.4	26,562	24.1%	20,892	18.9%	18,136	16.4%	21,774	19.7%	6,166	5.6%	112	0.1%	16,673	15.1%
Pre 1950	85,922	8.0	18,422	21.4%	18,460	21.5%	15,354	17.9%	18,837	21.9%	5,533	6.4%	212	0.2%	9,104	10.6%
<b>SPACE HEAT FUEL</b>																
Electric Heat	191,639	8.4	48,344	25.2%	37,084	19.4%	26,652	13.9%	39,248	20.5%	19,641	10.2%	622	0.3%	20,049	10.5%
Natural Gas Heat	249,938	7.0	78,037	31.2%	59,165	23.7%	47,185	18.9%	48,445	19.4%	15,505	6.2%	0	0.0%	1,602	0.6%
Other Fuel	6,945	8.4	1,202	17.3%	2,039	29.4%	1,099	15.8%	1,786	25.7%	687	9.9%	131	1.9%	0	0.0%
Shared (No Heat on Bill)	36,289	7.9	577	1.6%	587	1.6%	1,331	3.7%	877	2.4%	0	0.0%	0	0.0%	32,916	90.7%
<b>PEOPLE PER HOUSEHOLD</b>																
One	124,779	8.0	25,892	20.8%	19,837	15.9%	15,966	12.8%	24,475	19.6%	8,769	7.0%	691	0.6%	29,150	23.4%
Two	221,729	7.6	58,665	26.5%	48,496	21.9%	36,529	16.5%	40,171	18.1%	16,941	7.6%	31	0.0%	20,895	9.4%
Three	60,069	7.5	17,274	28.8%	12,506	20.8%	10,888	18.1%	11,410	19.0%	4,518	7.5%	0	0.0%	3,473	5.8%
Four	48,897	6.9	16,083	32.9%	12,236	25.0%	8,241	16.9%	8,418	17.2%	3,303	6.8%	0	0.0%	616	1.3%
Five +	29,337	7.3	10,245	34.9%	5,799	19.8%	4,644	15.8%	5,883	20.1%	2,301	7.8%	31	0.1%	434	1.5%
<b>HOUSEHOLD INCOME</b>																
Less Than \$25,000	59,481	8.6	11,846	19.9%	9,383	15.8%	7,036	11.8%	13,905	23.4%	5,213	8.8%	417	0.7%	11,681	19.6%
\$25,000 - \$49,999	137,082	8.1	32,095	23.4%	25,005	18.2%	21,113	15.4%	26,889	19.6%	12,033	8.8%	162	0.1%	19,784	14.4%
\$50,000 - \$74,999	123,824	7.3	33,166	26.8%	29,705	24.0%	17,930	14.5%	20,697	16.7%	8,628	7.0%	143	0.1%	13,556	10.9%
\$75,000 - \$99,999	66,780	7.2	21,188	31.7%	13,424	20.1%	10,556	15.8%	12,507	18.7%	4,721	7.1%	0	0.0%	4,384	6.6%
\$100,000 +	97,644	6.9	29,865	30.6%	21,358	21.9%	19,633	20.1%	16,358	16.8%	5,237	5.4%	31	0.0%	5,161	5.3%
<b>WINNIPEG LICO-125 CLASS</b>																
Yes	158,987	8.2	36,635	23.0%	28,351	17.8%	22,672	14.3%	34,390	21.6%	12,841	8.1%	579	0.4%	23,519	14.8%
No	325,824	7.3	91,525	28.1%	70,524	21.6%	53,596	16.4%	55,966	17.2%	22,992	7.1%	174	0.1%	31,047	9.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>																
Yes	51,429	7.7	14,269	27.7%	11,239	21.9%	6,432	12.5%	9,542	18.6%	4,908	9.5%	318	0.6%	4,722	9.2%
No	409,630	7.6	107,096	26.1%	82,348	20.1%	65,488	16.0%	76,135	18.6%	29,260	7.1%	435	0.1%	48,868	11.9%
Undeclared	23,751	7.3	6,794	28.6%	5,289	22.3%	4,348	18.3%	4,679	19.7%	1,665	7.0%	0	0.0%	977	4.1%
<b>FIRST NATION ON RESERVE</b>																
FIRST NATION ON RESERVE	15,456	9.1	3,766	24.4%	3,033	19.6%	1,784	11.5%	4,123	26.7%	2,301	14.9%	318	2.1%	131	0.8%
<b>BILL PAYMENT RATING</b>																
Excellent	439,339	7.4	118,521	27.0%	90,163	20.5%	69,140	15.7%	80,812	18.4%	30,949	7.0%	435	0.1%	49,319	11.2%
Satisfactory	22,395	8.5	5,436	24.3%	4,194	18.7%	3,568	15.9%	4,735	21.1%	2,258	10.1%	193	0.9%	2,011	9.0%
Poor	23,077	9.0	4,203	18.2%	4,518	19.6%	3,560	15.4%	4,809	20.8%	2,626	11.4%	124	0.5%	3,237	14.0%
<b>DWELLING OWNERSHIP</b>																
Own	404,316	7.5	114,617	28.3%	92,364	22.8%	72,193	17.9%	77,360	19.1%	32,044	7.9%	559	0.1%	15,179	3.8%
Rent / Other	80,495	8.2	13,542	16.8%	6,511	8.1%	4,075	5.1%	12,996	16.1%	3,789	4.7%	193	0.2%	39,388	48.9%

**2017 RESIDENTIAL SURVEY SECTION 4 - RESIDENTIAL HOT WATER - REFERENCE TABLE 4.04  
WATER HEATER FUEL SWITCHING**

	TOTAL	SAME		N.GAS TO ELECTRIC		ELECTRIC TO N.GAS		OTHER		NO HEATER		SHARED WATER	
		FUEL	%	ELECTRIC	%	N.GAS	%	%	%	%	%		
<b>OVERALL</b>	<b>484,811</b>	<b>378,324</b>	<b>78.0%</b>	<b>40,596</b>	<b>8.4%</b>	<b>6,200</b>	<b>1.3%</b>	<b>4,371</b>	<b>0.9%</b>	<b>753</b>	<b>0.2%</b>	<b>54,567</b>	<b>11.3%</b>
<b>FUEL AREA</b>													
Winnipeg City	261,760	177,017	67.6%	31,953	12.2%	3,253	1.2%	988	0.4%	0	0.0%	48,550	18.5%
Gas Available	140,021	122,789	87.7%	8,421	6.0%	2,916	2.1%	812	0.6%	100	0.1%	4,983	3.6%
No Gas Available	83,030	78,518	94.6%	223	0.3%	31	0.0%	2,571	3.1%	652	0.8%	1,034	1.2%
<b>DWELLING TYPE</b>													
Single Detached	373,568	326,282	87.3%	36,858	9.9%	6,046	1.6%	3,629	1.0%	753	0.2%	0	0.0%
Multi Attached	46,834	39,509	84.4%	3,432	7.3%	154	0.3%	742	1.6%	0	0.0%	2,996	6.4%
Apartment Suite	64,409	12,532	19.5%	306	0.5%	0	0.0%	0	0.0%	0	0.0%	51,571	80.1%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	33,622	89.3%	103	0.3%	0	0.0%	376	1.0%	0	0.0%	3,545	9.4%
1990-2009	89,181	76,004	85.2%	3,644	4.1%	236	0.3%	1,180	1.3%	62	0.1%	8,055	9.0%
1970-1989	161,749	126,844	78.4%	14,756	9.1%	1,460	0.9%	1,132	0.7%	367	0.2%	17,189	10.6%
1950-1969	110,314	76,820	69.6%	13,937	12.6%	2,234	2.0%	538	0.5%	112	0.1%	16,673	15.1%
Pre 1950	85,922	65,034	75.7%	8,157	9.5%	2,269	2.6%	1,146	1.3%	212	0.2%	9,104	10.6%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	164,726	86.0%	2,658	1.4%	384	0.2%	3,202	1.7%	622	0.3%	20,049	10.5%
Natural Gas Heat	249,938	204,130	81.7%	37,352	14.9%	5,816	2.3%	1,038	0.4%	0	0.0%	1,602	0.6%
Other Fuel	6,945	6,683	96.2%	0	0.0%	0	0.0%	131	1.9%	131	1.9%	0	0.0%
Shared (No Heat on Bill)	36,289	2,786	7.7%	587	1.6%	0	0.0%	0	0.0%	0	0.0%	32,916	90.7%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	86,280	69.1%	5,974	4.8%	2,171	1.7%	513	0.4%	691	0.6%	29,150	23.4%
Two	221,729	175,082	79.0%	20,882	9.4%	2,975	1.3%	1,864	0.8%	31	0.0%	20,895	9.4%
Three	60,069	48,615	80.9%	6,935	11.5%	619	1.0%	428	0.7%	0	0.0%	3,473	5.8%
Four	48,897	42,338	86.6%	4,818	9.9%	217	0.4%	907	1.9%	0	0.0%	616	1.3%
Five +	29,337	26,009	88.7%	1,987	6.8%	217	0.7%	659	2.2%	31	0.1%	434	1.5%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	43,771	73.6%	2,375	4.0%	248	0.4%	989	1.7%	417	0.7%	11,681	19.6%
\$25,000 - \$49,999	137,082	102,257	74.6%	10,709	7.8%	2,370	1.7%	1,800	1.3%	162	0.1%	19,784	14.4%
\$50,000 - \$74,999	123,824	97,608	78.8%	9,891	8.0%	1,965	1.6%	662	0.5%	143	0.1%	13,556	10.9%
\$75,000 - \$99,999	66,780	54,372	81.4%	7,152	10.7%	640	1.0%	232	0.3%	0	0.0%	4,384	6.6%
\$100,000 +	97,644	80,316	82.3%	10,470	10.7%	978	1.0%	688	0.7%	31	0.0%	5,161	5.3%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	120,453	75.8%	10,340	6.5%	1,435	0.9%	2,661	1.7%	579	0.4%	23,519	14.8%
No	325,824	257,871	79.1%	30,256	9.3%	4,765	1.5%	1,710	0.5%	174	0.1%	31,047	9.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	42,132	81.9%	2,117	4.1%	351	0.7%	1,790	3.5%	318	0.6%	4,722	9.2%
No	409,630	316,763	77.3%	35,620	8.7%	5,632	1.4%	2,312	0.6%	435	0.1%	48,868	11.9%
Undeclared	23,751	19,429	81.8%	2,859	12.0%	217	0.9%	269	1.1%	0	0.0%	977	4.1%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	13,565	87.8%	0	0.0%	31	0.2%	1,412	9.1%	318	2.1%	131	0.8%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	340,807	77.6%	39,156	8.9%	6,200	1.4%	3,422	0.8%	435	0.1%	49,319	11.2%
Satisfactory	22,395	18,768	83.8%	1,097	4.9%	0	0.0%	327	1.5%	193	0.9%	2,011	9.0%
Poor	23,077	18,750	81.2%	344	1.5%	0	0.0%	622	2.7%	124	0.5%	3,237	14.0%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	339,089	83.9%	40,319	10.0%	6,015	1.5%	3,156	0.8%	559	0.1%	15,179	3.8%
Rent / Other	80,495	39,235	48.7%	278	0.3%	185	0.2%	1,215	1.5%	193	0.2%	39,388	48.9%

**2017 RESIDENTIAL SURVEY SECTION 4 - RESIDENTIAL HOT WATER - REFERENCE TABLE 4.05**  
**TOTAL NUMBER OF SHOWERS TAKEN PER DAY**

	TOTAL		NEVER		%		RARELY		%		ONE		%		TWO		%		THREE OR MORE		%		NO HEATER		%		SHARED WATER		%	
<b>OVERALL</b>	<b>484,811</b>	<b>27,413</b>	<b>5.7%</b>	<b>26,169</b>	<b>5.4%</b>	<b>158,117</b>	<b>32.6%</b>	<b>138,587</b>	<b>28.6%</b>	<b>79,205</b>	<b>16.3%</b>	<b>753</b>	<b>0.2%</b>	<b>54,567</b>	<b>11.3%</b>															
<b>FUEL AREA</b>																														
Winnipeg City	261,760	11,982	4.6%	11,980	4.6%	76,893	29.4%	69,513	26.6%	42,842	16.4%	0	0.0%	48,550	18.5%															
Gas Available	140,021	9,020	6.4%	7,838	5.6%	49,819	35.6%	45,534	32.5%	22,727	16.2%	100	0.1%	4,983	3.6%															
No Gas Available	83,030	6,411	7.7%	6,352	7.6%	31,404	37.8%	23,540	28.4%	13,637	16.4%	652	0.8%	1,034	1.2%															
<b>DWELLING TYPE</b>																														
Single Detached	373,568	21,513	5.8%	22,727	6.1%	135,866	36.4%	122,846	32.9%	69,863	18.7%	753	0.2%	0	0.0%															
Multi Attached	46,834	4,199	9.0%	2,786	5.9%	15,360	32.8%	12,860	27.5%	8,633	18.4%	0	0.0%	2,996	6.4%															
Apartment Suite	64,409	1,701	2.6%	657	1.0%	6,890	10.7%	2,881	4.5%	710	1.1%	0	0.0%	51,571	80.1%															
<b>BUILDING CODE ERA</b>																														
2010-2017	37,645	1,308	3.5%	713	1.9%	10,603	28.2%	11,780	31.3%	9,697	25.8%	0	0.0%	3,545	9.4%															
1990-2009	89,181	3,375	3.8%	4,222	4.7%	25,624	28.7%	28,277	31.7%	19,566	21.9%	62	0.1%	8,055	9.0%															
1970-1989	161,749	9,072	5.6%	8,381	5.2%	55,175	34.1%	47,530	29.4%	24,035	14.9%	367	0.2%	17,189	10.6%															
1950-1969	110,314	6,103	5.5%	7,193	6.5%	34,829	31.6%	30,973	28.1%	14,432	13.1%	112	0.1%	16,673	15.1%															
Pre 1950	85,922	7,554	8.8%	5,661	6.6%	31,886	37.1%	20,028	23.3%	11,476	13.4%	212	0.2%	9,104	10.6%															
<b>SPACE HEAT FUEL</b>																														
Electric Heat	191,639	13,008	6.8%	10,123	5.3%	69,130	36.1%	51,748	27.0%	26,960	14.1%	622	0.3%	20,049	10.5%															
Natural Gas Heat	249,938	13,069	5.2%	15,034	6.0%	85,165	34.1%	84,697	33.9%	50,372	20.2%	0	0.0%	1,602	0.6%															
Other Fuel	6,945	893	12.9%	1,012	14.6%	2,801	40.3%	821	11.8%	1,287	18.5%	131	1.9%	0	0.0%															
Shared (No Heat on Bill)	36,289	444	1.2%	0	0.0%	1,021	2.8%	1,321	3.6%	587	1.6%	0	0.0%	32,916	90.7%															
<b>PEOPLE PER HOUSEHOLD</b>																														
One	124,779	13,722	11.0%	9,510	7.6%	62,519	50.1%	5,872	4.7%	3,316	2.7%	691	0.6%	29,150	23.4%															
Two	221,729	10,496	4.7%	14,352	6.5%	77,437	34.9%	91,114	41.1%	7,405	3.3%	31	0.0%	20,895	9.4%															
Three	60,069	1,354	2.3%	1,507	2.5%	11,256	18.7%	21,313	35.5%	21,167	35.2%	0	0.0%	3,473	5.8%															
Four	48,897	1,336	2.7%	626	1.3%	5,057	10.3%	14,220	29.1%	27,042	55.3%	0	0.0%	616	1.3%															
Five +	29,337	505	1.7%	174	0.6%	1,849	6.3%	6,069	20.7%	20,276	69.1%	31	0.1%	434	1.5%															
<b>HOUSEHOLD INCOME</b>																														
Less Than \$25,000	59,481	6,959	11.7%	4,696	7.9%	20,045	33.7%	8,797	14.8%	6,886	11.6%	417	0.7%	11,681	19.6%															
\$25,000 - \$49,999	137,082	11,156	8.1%	10,603	7.7%	52,526	38.3%	32,278	23.5%	10,573	7.7%	162	0.1%	19,784	14.4%															
\$50,000 - \$74,999	123,824	5,049	4.1%	6,068	4.9%	47,107	38.0%	35,918	29.0%	15,982	12.9%	143	0.1%	13,556	10.9%															
\$75,000 - \$99,999	66,780	1,854	2.8%	1,677	2.5%	18,098	27.1%	25,603	38.3%	15,164	22.7%	0	0.0%	4,384	6.6%															
\$100,000 +	97,644	2,395	2.5%	3,126	3.2%	20,340	20.8%	35,990	36.9%	30,600	31.3%	31	0.0%	5,161	5.3%															
<b>WINNIPEG LICO-125 CLASS</b>																														
Yes	158,987	15,023	9.4%	11,762	7.4%	51,526	32.4%	34,083	21.4%	22,495	14.1%	579	0.4%	23,519	14.8%															
No	325,824	12,390	3.8%	14,408	4.4%	106,591	32.7%	104,504	32.1%	56,711	17.4%	174	0.1%	31,047	9.5%															
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>																														
Yes	51,429	2,698	5.2%	2,183	4.2%	14,008	27.2%	13,915	27.1%	13,585	26.4%	318	0.6%	4,722	9.2%															
No	409,630	22,610	5.5%	21,966	5.4%	136,803	33.4%	117,056	28.6%	61,892	15.1%	435	0.1%	48,868	11.9%															
Undeclared	23,751	2,105	8.9%	2,021	8.5%	7,305	30.8%	7,616	32.1%	3,728	15.7%	0	0.0%	977	4.1%															
<b>FIRST NATION ON RESERVE</b>																														
FIRST NATION ON RESERVE	15,456	722	4.7%	503	3.3%	3,499	22.6%	3,899	25.2%	6,384	41.3%	318	2.1%	131	0.8%															
<b>BILL PAYMENT RATING</b>																														
Excellent	439,339	25,129	5.7%	24,530	5.6%	146,099	33.3%	127,615	29.0%	66,212	15.1%	435	0.1%	49,319	11.2%															
Satisfactory	22,395	1,029	4.6%	809	3.6%	6,931	30.9%	5,889	26.3%	5,533	24.7%	193	0.9%	2,011	9.0%															
Poor	23,077	1,256	5.4%	830	3.6%	5,086	22.0%	5,083	22.0%	7,461	32.3%	124	0.5%	3,237	14.0%															
<b>DWELLING OWNERSHIP</b>																														
Own	404,316	23,367	5.8%	24,150	6.0%	142,773	35.3%	129,114	31.9%	69,173	17.1%	559	0.1%	15,179	3.8%															
Rent / Other	80,495	4,046	5.0%	2,019	2.5%	15,343	19.1%	9,473	11.8%	10,032	12.5%	193	0.2%	39,388	48.9%															

**2017 RESIDENTIAL SURVEY SECTION 4 - RESIDENTIAL HOT WATER - REFERENCE TABLE 4.06  
WATER CONSERVATION METHODS UNDERTAKEN**

	TOTAL	NONE	%	SOME	%
<b>OVERALL</b>	<b>484,811</b>	<b>348,001</b>	<b>71.8%</b>	<b>136,810</b>	<b>28.2%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	189,562	72.4%	72,198	27.6%
Gas Available	140,021	97,758	69.8%	42,263	30.2%
No Gas Available	83,030	60,681	73.1%	22,349	26.9%
<b>DWELLING TYPE</b>					
Single Detached	373,568	293,478	78.6%	80,090	21.4%
Multi Attached	46,834	29,711	63.4%	17,123	36.6%
Apartment Suite	64,409	24,812	38.5%	39,597	61.5%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	23,155	61.5%	14,490	38.5%
1990-2009	89,181	62,491	70.1%	26,690	29.9%
1970-1989	161,749	119,266	73.7%	42,482	26.3%
1950-1969	110,314	80,856	73.3%	29,458	26.7%
Pre 1950	85,922	62,232	72.4%	23,690	27.6%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	130,159	67.9%	61,480	32.1%
Natural Gas Heat	249,938	201,657	80.7%	48,281	19.3%
Other Fuel	6,945	4,765	68.6%	2,180	31.4%
Shared (No Heat on Bill)	36,289	11,420	31.5%	24,869	68.5%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	77,292	61.9%	47,488	38.1%
Two	221,729	168,878	76.2%	52,852	23.8%
Three	60,069	43,886	73.1%	16,184	26.9%
Four	48,897	37,099	75.9%	11,798	24.1%
Five +	29,337	20,848	71.1%	8,489	28.9%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	35,964	60.5%	23,516	39.5%
\$25,000 - \$49,999	137,082	95,313	69.5%	41,770	30.5%
\$50,000 - \$74,999	123,824	90,959	73.5%	32,865	26.5%
\$75,000 - \$99,999	66,780	50,278	75.3%	16,502	24.7%
\$100,000 +	97,644	75,487	77.3%	22,157	22.7%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	104,968	66.0%	54,018	34.0%
No	325,824	243,033	74.6%	82,792	25.4%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	32,153	62.5%	19,276	37.5%
No	409,630	298,324	72.8%	111,306	27.2%
Undeclared	23,751	17,523	73.8%	6,228	26.2%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	8,306	53.7%	7,150	46.3%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	318,799	72.6%	120,540	27.4%
Satisfactory	22,395	15,381	68.7%	7,014	31.3%
Poor	23,077	13,821	59.9%	9,256	40.1%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	313,881	77.6%	90,435	22.4%
Rent / Other	80,495	34,120	42.4%	46,375	57.6%





# **SECTION 5**

## **MAJOR APPLIANCES**

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.01  
FUEL USED TO COOK FOOD**

	TOTAL	NO COOKING	%	ELECTRIC	%	GAS	%	OTHER	%
<b>OVERALL</b>	<b>484,811</b>	799	0.2%	457,358	94.3%	24,096	5.0%	2,558	0.5%
<b>FUEL AREA</b>									
Winnipeg City	261,760	269	0.1%	244,104	93.3%	17,013	6.5%	375	0.1%
Gas Available	140,021	100	0.1%	132,334	94.5%	7,083	5.1%	503	0.4%
No Gas Available	83,030	429	0.5%	80,920	97.5%	0	0.0%	1,680	2.0%
<b>DWELLING TYPE</b>									
Single Detached	373,568	644	0.2%	349,434	93.5%	21,393	5.7%	2,096	0.6%
Multi Attached	46,834	154	0.3%	44,915	95.9%	1,505	3.2%	260	0.6%
Apartment Suite	64,409	0	0.0%	63,009	97.8%	1,198	1.9%	202	0.3%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	146	0.4%	35,184	93.5%	2,215	5.9%	100	0.3%
1990-2009	89,181	256	0.3%	82,178	92.1%	5,725	6.4%	1,023	1.1%
1970-1989	161,749	185	0.1%	155,449	96.1%	5,243	3.2%	871	0.5%
1950-1969	110,314	112	0.1%	104,859	95.1%	5,344	4.8%	0	0.0%
Pre 1950	85,922	100	0.1%	79,688	92.7%	5,569	6.5%	564	0.7%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	399	0.2%	188,514	98.4%	1,089	0.6%	1,637	0.9%
Natural Gas Heat	249,938	269	0.1%	228,015	91.2%	21,539	8.6%	115	0.0%
Other Fuel	6,945	131	1.9%	6,008	86.5%	0	0.0%	806	11.6%
Shared (No Heat on Bill)	36,289	0	0.0%	34,821	96.0%	1,468	4.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	428	0.3%	119,643	95.9%	3,892	3.1%	816	0.7%
Two	221,729	31	0.0%	210,220	94.8%	10,604	4.8%	873	0.4%
Three	60,069	146	0.2%	54,657	91.0%	4,867	8.1%	400	0.7%
Four	48,897	31	0.1%	44,791	91.6%	3,737	7.6%	337	0.7%
Five +	29,337	162	0.6%	28,047	95.6%	996	3.4%	131	0.4%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	467	0.8%	57,325	96.4%	1,096	1.8%	592	1.0%
\$25,000 - \$49,999	137,082	62	0.0%	131,492	95.9%	4,349	3.2%	1,179	0.9%
\$50,000 - \$74,999	123,824	0	0.0%	119,435	96.5%	4,274	3.5%	115	0.1%
\$75,000 - \$99,999	66,780	0	0.0%	62,008	92.9%	4,661	7.0%	112	0.2%
\$100,000 +	97,644	269	0.3%	87,098	89.2%	9,716	10.0%	561	0.6%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	530	0.3%	152,917	96.2%	4,231	2.7%	1,309	0.8%
No	325,824	269	0.1%	304,441	93.4%	19,865	6.1%	1,249	0.4%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	318	0.6%	49,759	96.8%	791	1.5%	562	1.1%
No	409,630	481	0.1%	384,870	94.0%	22,384	5.5%	1,896	0.5%
Undeclared	23,751	0	0.0%	22,730	95.7%	921	3.9%	100	0.4%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	318	2.1%	14,914	96.5%	0	0.0%	224	1.5%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	458	0.1%	414,643	94.4%	22,089	5.0%	2,150	0.5%
Satisfactory	22,395	185	0.8%	20,605	92.0%	1,373	6.1%	232	1.0%
Poor	23,077	155	0.7%	22,111	95.8%	633	2.7%	177	0.8%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	451	0.1%	379,112	93.8%	22,559	5.6%	2,194	0.5%
Rent / Other	80,495	348	0.4%	78,246	97.2%	1,537	1.9%	364	0.5%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.02**  
**AVERAGE NUMBER OF COOKED MEALS PER DAY**

	TOTAL	ONE	%	TWO	%	THREE	%	FOUR	%	FIVE	%	OTHER	%
<b>OVERALL</b>	<b>484,811</b>	228,216	47.1%	178,971	36.9%	63,384	13.1%	5,158	1.1%	9,082	1.9%	0	0.0%
<b>FUEL AREA</b>													
Winnipeg City	261,760	133,239	50.9%	90,863	34.7%	29,174	11.1%	2,820	1.1%	5,664	2.2%	0	0.0%
Gas Available	140,021	66,859	47.7%	54,514	38.9%	16,637	11.9%	709	0.5%	1,301	0.9%	0	0.0%
No Gas Available	83,030	28,117	33.9%	33,594	40.5%	17,572	21.2%	1,629	2.0%	2,117	2.5%	0	0.0%
<b>DWELLING TYPE</b>													
Single Detached	373,568	171,129	45.8%	142,979	38.3%	49,576	13.3%	3,830	1.0%	6,055	1.6%	0	0.0%
Multi Attached	46,834	22,722	48.5%	15,405	32.9%	6,818	14.6%	260	0.6%	1,630	3.5%	0	0.0%
Apartment Suite	64,409	34,366	53.4%	20,587	32.0%	6,990	10.9%	1,068	1.7%	1,398	2.2%	0	0.0%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	17,114	45.5%	14,685	39.0%	4,029	10.7%	662	1.8%	1,155	3.1%	0	0.0%
1990-2009	89,181	42,078	47.2%	31,404	35.2%	13,492	15.1%	993	1.1%	1,216	1.4%	0	0.0%
1970-1989	161,749	76,514	47.3%	62,418	38.6%	19,442	12.0%	738	0.5%	2,636	1.6%	0	0.0%
1950-1969	110,314	51,551	46.7%	40,669	36.9%	15,320	13.9%	1,158	1.0%	1,617	1.5%	0	0.0%
Pre 1950	85,922	40,958	47.7%	29,795	34.7%	11,102	12.9%	1,608	1.9%	2,459	2.9%	0	0.0%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	82,228	42.9%	75,143	39.2%	28,421	14.8%	2,648	1.4%	3,200	1.7%	0	0.0%
Natural Gas Heat	249,938	125,573	50.2%	90,506	36.2%	27,623	11.1%	1,799	0.7%	4,437	1.8%	0	0.0%
Other Fuel	6,945	2,005	28.9%	2,421	34.9%	2,258	32.5%	131	1.9%	131	1.9%	0	0.0%
Shared (No Heat on Bill)	36,289	18,411	50.7%	10,902	30.0%	5,082	14.0%	580	1.6%	1,314	3.6%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	71,768	57.5%	38,900	31.2%	9,758	7.8%	248	0.2%	4,105	3.3%	0	0.0%
Two	221,729	104,909	47.3%	85,044	38.4%	27,661	12.5%	1,657	0.7%	2,458	1.1%	0	0.0%
Three	60,069	24,474	40.7%	23,746	39.5%	10,448	17.4%	495	0.8%	907	1.5%	0	0.0%
Four	48,897	19,083	39.0%	20,312	41.5%	8,351	17.1%	700	1.4%	450	0.9%	0	0.0%
Five +	29,337	7,982	27.2%	10,968	37.4%	7,166	24.4%	2,058	7.0%	1,162	4.0%	0	0.0%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	24,864	41.8%	20,807	35.0%	10,659	17.9%	1,807	3.0%	1,343	2.3%	0	0.0%
\$25,000 - \$49,999	137,082	67,009	48.9%	47,715	34.8%	18,923	13.8%	964	0.7%	2,473	1.8%	0	0.0%
\$50,000 - \$74,999	123,824	58,977	47.6%	46,767	37.8%	15,313	12.4%	798	0.6%	1,969	1.6%	0	0.0%
\$75,000 - \$99,999	66,780	31,323	46.9%	25,681	38.5%	8,125	12.2%	617	0.9%	1,034	1.5%	0	0.0%
\$100,000 +	97,644	46,043	47.2%	38,001	38.9%	10,364	10.6%	973	1.0%	2,263	2.3%	0	0.0%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	70,457	44.3%	55,629	35.0%	27,211	17.1%	2,718	1.7%	2,971	1.9%	0	0.0%
No	325,824	157,758	48.4%	123,342	37.9%	36,173	11.1%	2,440	0.7%	6,112	1.9%	0	0.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	19,532	38.0%	18,605	36.2%	10,023	19.5%	2,069	4.0%	1,199	2.3%	0	0.0%
No	409,630	196,360	47.9%	152,568	37.2%	50,463	12.3%	2,745	0.7%	7,494	1.8%	0	0.0%
Undeclared	23,751	12,323	51.9%	7,797	32.8%	2,898	12.2%	344	1.4%	389	1.6%	0	0.0%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	3,353	21.7%	5,072	32.8%	5,103	33.0%	1,244	8.0%	684	4.4%	0	0.0%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	210,680	48.0%	162,837	37.1%	54,662	12.4%	3,310	0.8%	7,850	1.8%	0	0.0%
Satisfactory	22,395	8,628	38.5%	9,338	41.7%	3,378	15.1%	710	3.2%	341	1.5%	0	0.0%
Poor	23,077	8,908	38.6%	6,797	29.5%	5,343	23.2%	1,138	4.9%	892	3.9%	0	0.0%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	193,584	47.9%	151,300	37.4%	50,145	12.4%	2,651	0.7%	6,636	1.6%	0	0.0%
Rent / Other	80,495	34,631	43.0%	27,671	34.4%	13,239	16.4%	2,507	3.1%	2,447	3.0%	0	0.0%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.03  
AGE (YEARS) OF MAIN COOKING APPLIANCE**

	AVERAGE		0-3		4-6		7-9		10-20		OVER		NO	
	TOTAL	AGE	YRS	%	YRS	%	YRS	%	YRS	%	20 YRS	%	COOKING	%
<b>OVERALL</b>	<b>484,811</b>	<b>11.7</b>	88,609	18.3%	92,690	19.1%	76,558	15.8%	138,730	28.6%	87,425	18.0%	799	0.2%
<b>FUEL AREA</b>														
Winnipeg City	261,760	12.2	49,458	18.9%	47,135	18.0%	38,348	14.7%	72,270	27.6%	54,280	20.7%	269	0.1%
Gas Available	140,021	11.2	24,493	17.5%	28,508	20.4%	23,267	16.6%	41,244	29.5%	22,410	16.0%	100	0.1%
No Gas Available	83,030	10.6	14,659	17.7%	17,048	20.5%	14,943	18.0%	25,217	30.4%	10,735	12.9%	429	0.5%
<b>DWELLING TYPE</b>														
Single Detached	373,568	11.2	63,271	16.9%	73,314	19.6%	62,900	16.8%	117,111	31.3%	56,328	15.1%	644	0.2%
Multi Attached	46,834	10.9	11,367	24.3%	8,681	18.5%	6,361	13.6%	12,390	26.5%	7,881	16.8%	154	0.3%
Apartment Suite	64,409	14.7	13,971	21.7%	10,695	16.6%	7,297	11.3%	9,230	14.3%	23,216	36.0%	0	0.0%
<b>BUILDING CODE ERA</b>														
2010-2017	37,645	4.0	17,948	47.7%	14,559	38.7%	4,088	10.9%	903	2.4%	0	0.0%	146	0.4%
1990-2009	89,181	10.4	12,883	14.4%	14,493	16.3%	17,146	19.2%	36,982	41.5%	7,422	8.3%	256	0.3%
1970-1989	161,749	12.3	29,094	18.0%	31,165	19.3%	23,172	14.3%	43,234	26.7%	34,899	21.6%	185	0.1%
1950-1969	110,314	13.3	15,475	14.0%	18,450	16.7%	17,289	15.7%	33,390	30.3%	25,598	23.2%	112	0.1%
Pre 1950	85,922	12.9	13,209	15.4%	14,023	16.3%	14,862	17.3%	24,221	28.2%	19,506	22.7%	100	0.1%
<b>SPACE HEAT FUEL</b>														
Electric Heat	191,639	10.8	38,011	19.8%	41,118	21.5%	30,012	15.7%	52,290	27.3%	29,811	15.6%	399	0.2%
Natural Gas Heat	249,938	11.6	44,393	17.8%	45,434	18.2%	40,144	16.1%	78,459	31.4%	41,239	16.5%	269	0.1%
Other Fuel	6,945	11.0	396	5.7%	2,051	29.5%	1,774	25.5%	1,568	22.6%	1,024	14.7%	131	1.9%
Shared (No Heat on Bill)	36,289	16.7	5,809	16.0%	4,087	11.3%	4,628	12.8%	6,414	17.7%	15,351	42.3%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>														
One	124,779	14.1	20,184	16.2%	16,720	13.4%	17,850	14.3%	35,569	28.5%	34,028	27.3%	428	0.3%
Two	221,729	10.9	42,287	19.1%	45,200	20.4%	34,953	15.8%	66,819	30.1%	32,439	14.6%	31	0.0%
Three	60,069	11.4	10,706	17.8%	13,398	22.3%	9,294	15.5%	15,480	25.8%	11,046	18.4%	146	0.2%
Four	48,897	10.5	9,604	19.6%	10,476	21.4%	8,202	16.8%	14,027	28.7%	6,556	13.4%	31	0.1%
Five +	29,337	9.7	5,829	19.9%	6,896	23.5%	6,258	21.3%	6,835	23.3%	3,356	11.4%	162	0.6%
<b>HOUSEHOLD INCOME</b>														
Less Than \$25,000	59,481	13.5	11,228	18.9%	9,435	15.9%	6,482	10.9%	16,914	28.4%	14,955	25.1%	467	0.8%
\$25,000 - \$49,999	137,082	12.7	20,576	15.0%	24,671	18.0%	21,540	15.7%	40,653	29.7%	29,579	21.6%	62	0.0%
\$50,000 - \$74,999	123,824	11.4	22,245	18.0%	25,272	20.4%	21,383	17.3%	33,557	27.1%	21,367	17.3%	0	0.0%
\$75,000 - \$99,999	66,780	10.2	17,444	26.1%	11,961	17.9%	9,424	14.1%	19,036	28.5%	8,915	13.3%	0	0.0%
\$100,000 +	97,644	10.3	17,117	17.5%	21,350	21.9%	17,729	18.2%	28,570	29.3%	12,609	12.9%	269	0.3%
<b>WINNIPEG LICO-125 CLASS</b>														
Yes	158,987	12.8	25,842	16.3%	28,796	18.1%	23,267	14.6%	44,720	28.1%	35,832	22.5%	530	0.3%
No	325,824	11.1	62,767	19.3%	63,894	19.6%	53,291	16.4%	94,010	28.9%	51,592	15.8%	269	0.1%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>														
Yes	51,429	10.9	9,030	17.6%	12,890	25.1%	8,004	15.6%	13,108	25.5%	8,079	15.7%	318	0.6%
No	409,630	11.8	76,222	18.6%	74,052	18.1%	64,478	15.7%	118,827	29.0%	75,570	18.4%	481	0.1%
Undeclared	23,751	11.2	3,357	14.1%	5,748	24.2%	4,075	17.2%	6,796	28.6%	3,776	15.9%	0	0.0%
<b>FIRST NATION ON RESERVE</b>														
FIRST NATION ON RESERVE	15,456	9.1	3,324	21.5%	3,564	23.1%	2,697	17.4%	4,296	27.8%	1,257	8.1%	318	2.1%
<b>BILL PAYMENT RATING</b>														
Excellent	439,339	11.7	80,337	18.3%	84,959	19.3%	68,662	15.6%	124,944	28.4%	79,978	18.2%	458	0.1%
Satisfactory	22,395	11.3	4,205	18.8%	4,336	19.4%	2,993	13.4%	7,252	32.4%	3,423	15.3%	185	0.8%
Poor	23,077	11.9	4,066	17.6%	3,395	14.7%	4,902	21.2%	6,535	28.3%	4,023	17.4%	155	0.7%
<b>DWELLING OWNERSHIP</b>														
Own	404,316	11.0	72,431	17.9%	80,981	20.0%	66,390	16.4%	123,897	30.6%	60,166	14.9%	451	0.1%
Rent / Other	80,495	14.7	16,178	20.1%	11,710	14.5%	10,168	12.6%	14,833	18.4%	27,259	33.9%	348	0.4%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.04**  
**TOTAL NUMBER OF REFRIGERATORS**

	TOTAL	ONE UNIT	%	TWO UNITS	%	THREE OR MORE	%	NO UNIT	%
<b>OVERALL</b>	<b>484,811</b>	272,369	<b>56.2%</b>	207,375	<b>42.8%</b>	466	<b>0.1%</b>	4,601	<b>0.9%</b>
<b>FUEL AREA</b>									
Winnipeg City	261,760	160,014	61.1%	99,228	37.9%	230	0.1%	2,289	0.9%
Gas Available	140,021	66,933	47.8%	70,987	50.7%	205	0.1%	1,896	1.4%
No Gas Available	83,030	45,422	54.7%	37,160	44.8%	31	0.0%	416	0.5%
<b>DWELLING TYPE</b>									
Single Detached	373,568	180,124	48.2%	189,633	50.8%	466	0.1%	3,345	0.9%
Multi Attached	46,834	33,484	71.5%	12,784	27.3%	0	0.0%	566	1.2%
Apartment Suite	64,409	58,761	91.2%	4,958	7.7%	0	0.0%	690	1.1%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	24,487	65.0%	12,889	34.2%	115	0.3%	154	0.4%
1990-2009	89,181	43,803	49.1%	44,348	49.7%	134	0.1%	896	1.0%
1970-1989	161,749	85,309	52.7%	74,324	46.0%	0	0.0%	2,115	1.3%
1950-1969	110,314	62,128	56.3%	47,396	43.0%	217	0.2%	574	0.5%
Pre 1950	85,922	56,642	65.9%	28,418	33.1%	0	0.0%	862	1.0%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	111,444	58.2%	78,434	40.9%	31	0.0%	1,730	0.9%
Natural Gas Heat	249,938	123,223	49.3%	123,964	49.6%	435	0.2%	2,316	0.9%
Other Fuel	6,945	4,687	67.5%	1,702	24.5%	0	0.0%	556	8.0%
Shared (No Heat on Bill)	36,289	33,014	91.0%	3,275	9.0%	0	0.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	96,431	77.3%	25,886	20.7%	146	0.1%	2,317	1.9%
Two	221,729	105,963	47.8%	113,782	51.3%	217	0.1%	1,767	0.8%
Three	60,069	30,745	51.2%	28,965	48.2%	103	0.2%	257	0.4%
Four	48,897	25,572	52.3%	23,064	47.2%	0	0.0%	261	0.5%
Five +	29,337	13,658	46.6%	15,678	53.4%	0	0.0%	0	0.0%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	46,119	77.5%	12,825	21.6%	31	0.1%	506	0.9%
\$25,000 - \$49,999	137,082	84,833	61.9%	50,191	36.6%	115	0.1%	1,943	1.4%
\$50,000 - \$74,999	123,824	67,770	54.7%	54,448	44.0%	115	0.1%	1,491	1.2%
\$75,000 - \$99,999	66,780	33,723	50.5%	32,510	48.7%	0	0.0%	547	0.8%
\$100,000 +	97,644	39,924	40.9%	57,400	58.8%	205	0.2%	115	0.1%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	105,208	66.2%	51,399	32.3%	146	0.1%	2,234	1.4%
No	325,824	167,161	51.3%	155,976	47.9%	320	0.1%	2,368	0.7%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	31,456	61.2%	19,277	37.5%	31	0.1%	665	1.3%
No	409,630	229,031	55.9%	177,085	43.2%	435	0.1%	3,079	0.8%
Undeclared	23,751	11,882	50.0%	11,012	46.4%	0	0.0%	857	3.6%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	12,153	78.6%	3,079	19.9%	31	0.2%	193	1.3%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	241,636	55.0%	192,801	43.9%	332	0.1%	4,570	1.0%
Satisfactory	22,395	14,901	66.5%	7,392	33.0%	103	0.5%	0	0.0%
Poor	23,077	15,833	68.6%	7,182	31.1%	31	0.1%	31	0.1%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	202,247	50.0%	198,007	49.0%	466	0.1%	3,597	0.9%
Rent / Other	80,495	70,122	87.1%	9,368	11.6%	0	0.0%	1,004	1.2%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.05a  
SIZE (CUBIC FEET) OF MAIN REFRIGERATOR**

	TOTAL	SMALL <12ft <sup>3</sup>	%	MEDIUM 13-16 ft <sup>3</sup>	%	LARGE 17- 22 ft <sup>3</sup>	%	X-LARGE 23+ ft <sup>3</sup>	%	NO UNIT	%
<b>OVERALL</b>	<b>484,811</b>	19,650	4.1%	165,790	34.2%	273,944	56.5%	20,826	4.3%	4,601	0.9%
<b>FUEL AREA</b>											
Winnipeg City	261,760	10,160	3.9%	93,008	35.5%	145,841	55.7%	10,463	4.0%	2,289	0.9%
Gas Available	140,021	6,486	4.6%	45,267	32.3%	79,135	56.5%	7,237	5.2%	1,896	1.4%
No Gas Available	83,030	3,004	3.6%	27,515	33.1%	48,968	59.0%	3,127	3.8%	416	0.5%
<b>DWELLING TYPE</b>											
Single Detached	373,568	11,858	3.2%	112,282	30.1%	226,629	60.7%	19,453	5.2%	3,345	0.9%
Multi Attached	46,834	2,879	6.1%	20,792	44.4%	21,723	46.4%	874	1.9%	566	1.2%
Apartment Suite	64,409	4,912	7.6%	32,716	50.8%	25,591	39.7%	499	0.8%	690	1.1%
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	831	2.2%	10,775	28.6%	22,161	58.9%	3,724	9.9%	154	0.4%
1990-2009	89,181	2,514	2.8%	25,053	28.1%	55,292	62.0%	5,427	6.1%	896	1.0%
1970-1989	161,749	5,312	3.3%	51,940	32.1%	96,496	59.7%	5,886	3.6%	2,115	1.3%
1950-1969	110,314	5,244	4.8%	44,366	40.2%	56,609	51.3%	3,522	3.2%	574	0.5%
Pre 1950	85,922	5,748	6.7%	33,656	39.2%	43,387	50.5%	2,268	2.6%	862	1.0%
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	7,328	3.8%	70,517	36.8%	105,181	54.9%	6,884	3.6%	1,730	0.9%
Natural Gas Heat	249,938	7,173	2.9%	74,272	29.7%	152,441	61.0%	13,736	5.5%	2,316	0.9%
Other Fuel	6,945	1,861	26.8%	1,964	28.3%	2,564	36.9%	0	0.0%	556	8.0%
Shared (No Heat on Bill)	36,289	3,287	9.1%	19,037	52.5%	13,758	37.9%	206	0.6%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	9,751	7.8%	56,232	45.1%	54,416	43.6%	2,063	1.7%	2,317	1.9%
Two	221,729	7,077	3.2%	72,105	32.5%	132,742	59.9%	8,039	3.6%	1,767	0.8%
Three	60,069	1,746	2.9%	16,048	26.7%	38,771	64.5%	3,247	5.4%	257	0.4%
Four	48,897	683	1.4%	13,080	26.8%	30,658	62.7%	4,214	8.6%	261	0.5%
Five +	29,337	393	1.3%	8,325	28.4%	17,355	59.2%	3,263	11.1%	0	0.0%
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	6,758	11.4%	25,808	43.4%	25,503	42.9%	905	1.5%	506	0.9%
\$25,000 - \$49,999	137,082	6,851	5.0%	55,720	40.6%	69,414	50.6%	3,155	2.3%	1,943	1.4%
\$50,000 - \$74,999	123,824	3,164	2.6%	42,643	34.4%	72,394	58.5%	4,132	3.3%	1,491	1.2%
\$75,000 - \$99,999	66,780	1,142	1.7%	19,230	28.8%	41,905	62.8%	3,956	5.9%	547	0.8%
\$100,000 +	97,644	1,734	1.8%	22,389	22.9%	64,728	66.3%	8,679	8.9%	115	0.1%
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	11,336	7.1%	66,666	41.9%	74,677	47.0%	4,074	2.6%	2,234	1.4%
No	325,824	8,314	2.6%	99,124	30.4%	199,266	61.2%	16,752	5.1%	2,368	0.7%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	1,268	2.5%	18,162	35.3%	28,962	56.3%	2,371	4.6%	665	1.3%
No	409,630	17,648	4.3%	139,460	34.0%	232,027	56.6%	17,416	4.3%	3,079	0.8%
Undeclared	23,751	734	3.1%	8,167	34.4%	12,954	54.5%	1,039	4.4%	857	3.6%
<b>FIRST NATION ON RESERVE</b>											
FIRST NATION ON RESERVE	15,456	653	4.2%	5,787	37.4%	8,293	53.7%	529	3.4%	193	1.3%
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	17,700	4.0%	149,972	34.1%	248,268	56.5%	18,829	4.3%	4,570	1.0%
Satisfactory	22,395	1,150	5.1%	8,167	36.5%	12,500	55.8%	578	2.6%	0	0.0%
Poor	23,077	800	3.5%	7,650	33.2%	13,176	57.1%	1,419	6.2%	31	0.1%
<b>DWELLING OWNERSHIP</b>											
Own	404,316	13,000	3.2%	125,979	31.2%	242,173	59.9%	19,568	4.8%	3,597	0.9%
Rent / Other	80,495	6,650	8.3%	39,811	49.5%	31,771	39.5%	1,258	1.6%	1,004	1.2%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.05b**  
**AGE (YEARS) OF MAIN REFRIGERATOR**

	AVERAGE		0-3		4-6		7-9		10-20		OVER		NO	
	TOTAL	AGE	YRS	%	YRS	%	YRS	%	YRS	%	20 YRS	%	UNIT	%
<b>OVERALL</b>	<b>484,811</b>	<b>9.9</b>	112,475	23.2%	105,054	21.7%	77,248	15.9%	125,212	25.8%	60,220	12.4%	4,601	0.9%
<b>FUEL AREA</b>														
Winnipeg City	261,760	10.4	61,973	23.7%	54,832	20.9%	40,658	15.5%	64,051	24.5%	37,956	14.5%	2,289	0.9%
Gas Available	140,021	9.4	31,713	22.6%	31,888	22.8%	22,992	16.4%	37,512	26.8%	14,020	10.0%	1,896	1.4%
No Gas Available	83,030	9.5	18,789	22.6%	18,334	22.1%	13,598	16.4%	23,648	28.5%	8,244	9.9%	416	0.5%
<b>DWELLING TYPE</b>														
Single Detached	373,568	9.3	84,810	22.7%	84,123	22.5%	63,595	17.0%	104,391	27.9%	33,304	8.9%	3,345	0.9%
Multi Attached	46,834	10.6	11,612	24.8%	9,600	20.5%	7,244	15.5%	10,520	22.5%	7,292	15.6%	566	1.2%
Apartment Suite	64,409	13.5	16,053	24.9%	11,331	17.6%	6,409	10.0%	10,301	16.0%	19,625	30.5%	690	1.1%
<b>BUILDING CODE ERA</b>														
2010-2017	37,645	3.8	20,449	54.3%	13,223	35.1%	2,793	7.4%	1,026	2.7%	0	0.0%	154	0.4%
1990-2009	89,181	9.0	17,384	19.5%	17,993	20.2%	17,417	19.5%	30,127	33.8%	5,364	6.0%	896	1.0%
1970-1989	161,749	10.5	35,658	22.0%	34,488	21.3%	27,097	16.8%	39,122	24.2%	23,267	14.4%	2,115	1.3%
1950-1969	110,314	11.3	22,905	20.8%	21,901	19.9%	15,921	14.4%	30,357	27.5%	18,657	16.9%	574	0.5%
Pre 1950	85,922	11.0	16,079	18.7%	17,448	20.3%	14,021	16.3%	24,580	28.6%	12,932	15.1%	862	1.0%
<b>SPACE HEAT FUEL</b>														
Electric Heat	191,639	9.5	48,916	25.5%	41,989	21.9%	29,346	15.3%	47,954	25.0%	21,704	11.3%	1,730	0.9%
Natural Gas Heat	249,938	9.4	56,241	22.5%	55,880	22.4%	42,735	17.1%	68,907	27.6%	23,860	9.5%	2,316	0.9%
Other Fuel	6,945	10.3	396	5.7%	2,330	33.5%	1,277	18.4%	1,493	21.5%	893	12.9%	556	8.0%
Shared (No Heat on Bill)	36,289	15.7	6,922	19.1%	4,855	13.4%	3,891	10.7%	6,857	18.9%	13,764	37.9%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>														
One	124,779	12.4	24,127	19.3%	20,675	16.6%	17,939	14.4%	33,611	26.9%	26,110	20.9%	2,317	1.9%
Two	221,729	9.2	50,874	22.9%	51,332	23.2%	36,779	16.6%	61,312	27.7%	19,664	8.9%	1,767	0.8%
Three	60,069	9.2	15,508	25.8%	14,260	23.7%	9,667	16.1%	13,521	22.5%	6,857	11.4%	257	0.4%
Four	48,897	8.7	13,574	27.8%	11,869	24.3%	8,056	16.5%	10,745	22.0%	4,391	9.0%	261	0.5%
Five +	29,337	8.9	8,392	28.6%	6,917	23.6%	4,807	16.4%	6,023	20.5%	3,198	10.9%	0	0.0%
<b>HOUSEHOLD INCOME</b>														
Less Than \$25,000	59,481	11.9	12,718	21.4%	11,127	18.7%	6,355	10.7%	17,410	29.3%	11,365	19.1%	506	0.9%
\$25,000 - \$49,999	137,082	11.1	27,300	19.9%	25,100	18.3%	22,290	16.3%	39,794	29.0%	20,656	15.1%	1,943	1.4%
\$50,000 - \$74,999	123,824	10.0	27,963	22.6%	27,413	22.1%	19,488	15.7%	32,206	26.0%	15,262	12.3%	1,491	1.2%
\$75,000 - \$99,999	66,780	8.8	18,076	27.1%	15,740	23.6%	11,322	17.0%	14,300	21.4%	6,795	10.2%	547	0.8%
\$100,000 +	97,644	7.9	26,418	27.1%	25,673	26.3%	17,795	18.2%	21,502	22.0%	6,141	6.3%	115	0.1%
<b>WINNIPEG LICO-125 CLASS</b>														
Yes	158,987	11.0	33,421	21.0%	30,543	19.2%	22,247	14.0%	45,890	28.9%	24,652	15.5%	2,234	1.4%
No	325,824	9.4	79,054	24.3%	74,511	22.9%	55,001	16.9%	79,322	24.3%	35,568	10.9%	2,368	0.7%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>														
Yes	51,429	9.8	12,125	23.6%	11,659	22.7%	8,492	16.5%	12,010	23.4%	6,478	12.6%	665	1.3%
No	409,630	10.0	96,724	23.6%	86,818	21.2%	64,639	15.8%	107,486	26.2%	50,884	12.4%	3,079	0.8%
Undeclared	23,751	10.0	3,627	15.3%	6,577	27.7%	4,117	17.3%	5,715	24.1%	2,858	12.0%	857	3.6%
<b>FIRST NATION ON RESERVE</b>														
FIRST NATION ON RESERVE	15,456	8.7	3,760	24.3%	3,165	20.5%	2,660	17.2%	4,770	30.9%	908	5.9%	193	1.3%
<b>BILL PAYMENT RATING</b>														
Excellent	439,339	9.9	101,783	23.2%	96,758	22.0%	69,717	15.9%	111,970	25.5%	54,541	12.4%	4,570	1.0%
Satisfactory	22,395	10.2	5,145	23.0%	4,654	20.8%	2,805	12.5%	6,805	30.4%	2,986	13.3%	0	0.0%
Poor	23,077	10.2	5,547	24.0%	3,642	15.8%	4,726	20.5%	6,437	27.9%	2,694	11.7%	31	0.1%
<b>DWELLING OWNERSHIP</b>														
Own	404,316	9.2	94,290	23.3%	90,847	22.5%	68,613	17.0%	109,784	27.2%	37,185	9.2%	3,597	0.9%
Rent / Other	80,495	13.5	18,185	22.6%	14,207	17.6%	8,636	10.7%	15,428	19.2%	23,035	28.6%	1,004	1.2%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.06a  
SIZE (CUBIC FEET) OF SECONDARY REFRIGERATOR**

	TOTAL	SMALL <12ft <sup>3</sup>	%	MEDIUM 13-16 ft <sup>3</sup>	%	LARGE 17- 22 ft <sup>3</sup>	%	X-LARGE 23+ ft <sup>3</sup>	%	NO UNIT	%
<b>OVERALL</b>	<b>484,811</b>	68,799	14.2%	80,052	16.5%	56,735	11.7%	3,309	0.7%	275,916	56.9%
<b>FUEL AREA</b>											
Winnipeg City	261,760	36,386	13.9%	36,294	13.9%	25,561	9.8%	1,670	0.6%	161,850	61.8%
Gas Available	140,021	21,425	15.3%	28,334	20.2%	20,742	14.8%	894	0.6%	68,626	49.0%
No Gas Available	83,030	10,988	13.2%	15,424	18.6%	10,432	12.6%	745	0.9%	45,441	54.7%
<b>DWELLING TYPE</b>											
Single Detached	373,568	59,330	15.9%	74,771	20.0%	53,353	14.3%	3,246	0.9%	182,868	49.0%
Multi Attached	46,834	7,186	15.3%	2,975	6.4%	2,623	5.6%	0	0.0%	34,050	72.7%
Apartment Suite	64,409	2,283	3.5%	2,305	3.6%	759	1.2%	63	0.1%	58,999	91.6%
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	5,676	15.1%	3,227	8.6%	4,049	10.8%	217	0.6%	24,476	65.0%
1990-2009	89,181	15,488	17.4%	14,183	15.9%	13,900	15.6%	1,087	1.2%	44,523	49.9%
1970-1989	161,749	22,407	13.9%	31,130	19.2%	20,002	12.4%	1,399	0.9%	86,809	53.7%
1950-1969	110,314	14,887	13.5%	19,777	17.9%	12,329	11.2%	605	0.5%	62,716	56.9%
Pre 1950	85,922	10,341	12.0%	11,734	13.7%	6,455	7.5%	0	0.0%	57,392	66.8%
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	23,533	12.3%	32,586	17.0%	21,430	11.2%	1,446	0.8%	112,644	58.8%
Natural Gas Heat	249,938	42,437	17.0%	45,524	18.2%	34,741	13.9%	1,799	0.7%	125,437	50.2%
Other Fuel	6,945	1,364	19.6%	337	4.9%	131	1.9%	0	0.0%	5,112	73.6%
Shared (No Heat on Bill)	36,289	1,465	4.0%	1,604	4.4%	434	1.2%	63	0.2%	32,724	90.2%
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	9,257	7.4%	10,234	8.2%	6,575	5.3%	94	0.1%	98,620	79.0%
Two	221,729	37,596	17.0%	45,818	20.7%	29,780	13.4%	1,505	0.7%	107,031	48.3%
Three	60,069	9,941	16.5%	10,498	17.5%	8,461	14.1%	230	0.4%	30,940	51.5%
Four	48,897	7,381	15.1%	8,553	17.5%	6,888	14.1%	344	0.7%	25,730	52.6%
Five +	29,337	4,623	15.8%	4,949	16.9%	5,032	17.2%	1,136	3.9%	13,596	46.3%
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	5,082	8.5%	4,329	7.3%	3,524	5.9%	125	0.2%	46,420	78.0%
\$25,000 - \$49,999	137,082	16,997	12.4%	21,621	15.8%	11,203	8.2%	748	0.5%	86,514	63.1%
\$50,000 - \$74,999	123,824	16,819	13.6%	21,301	17.2%	16,174	13.1%	507	0.4%	69,023	55.7%
\$75,000 - \$99,999	66,780	11,039	16.5%	12,277	18.4%	9,013	13.5%	427	0.6%	34,024	50.9%
\$100,000 +	97,644	18,861	19.3%	20,523	21.0%	16,822	17.2%	1,502	1.5%	39,936	40.9%
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	18,363	11.5%	20,319	12.8%	12,387	7.8%	781	0.5%	107,137	67.4%
No	325,824	50,436	15.5%	59,733	18.3%	44,348	13.6%	2,528	0.8%	168,779	51.8%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	7,079	13.8%	6,642	12.9%	5,282	10.3%	692	1.3%	31,734	61.7%
No	409,630	57,365	14.0%	69,386	16.9%	49,022	12.0%	2,414	0.6%	231,443	56.5%
Undeclared	23,751	4,354	18.3%	4,024	16.9%	2,431	10.2%	203	0.9%	12,739	53.6%
<b>FIRST NATION ON RESERVE</b>											
FIRST NATION ON RESERVE	15,456	933	6.0%	902	5.8%	1,375	8.9%	187	1.2%	12,059	78.0%
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	63,908	14.5%	75,171	17.1%	51,896	11.8%	3,081	0.7%	245,283	55.8%
Satisfactory	22,395	2,658	11.9%	2,541	11.3%	2,365	10.6%	31	0.1%	14,801	66.1%
Poor	23,077	2,233	9.7%	2,340	10.1%	2,475	10.7%	197	0.9%	15,833	68.6%
<b>DWELLING OWNERSHIP</b>											
Own	404,316	64,655	16.0%	76,628	19.0%	54,485	13.5%	3,019	0.7%	205,530	50.8%
Rent / Other	80,495	4,143	5.1%	3,424	4.3%	2,251	2.8%	290	0.4%	70,387	87.4%



**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.06b**  
**AGE (YEARS) OF SECONDARY REFRIGERATOR**

	AVERAGE		0-3		4-6		7-9		10-20		OVER 20			
	TOTAL	AGE	YRS	%	YRS	%	YRS	%	YRS	%	YRS	%	NO UNIT	%
<b>OVERALL</b>	<b>484,811</b>	<b>15.6</b>	8,937	1.8%	22,441	4.6%	28,802	5.9%	91,407	18.9%	57,308	11.8%	275,916	56.9%
<b>FUEL AREA</b>														
Winnipeg City	261,760	15.2	4,890	1.9%	11,716	4.5%	15,335	5.9%	42,040	16.1%	25,928	9.9%	161,850	61.8%
Gas Available	140,021	16.1	2,633	1.9%	6,413	4.6%	9,032	6.5%	32,738	23.4%	20,578	14.7%	68,626	49.0%
No Gas Available	83,030	15.9	1,414	1.7%	4,311	5.2%	4,434	5.3%	16,629	20.0%	10,801	13.0%	45,441	54.7%
<b>DWELLING TYPE</b>														
Single Detached	373,568	15.7	7,733	2.1%	19,135	5.1%	27,188	7.3%	83,824	22.4%	52,820	14.1%	182,868	49.0%
Multi Attached	46,834	13.8	1,204	2.6%	2,302	4.9%	982	2.1%	5,677	12.1%	2,619	5.6%	34,050	72.7%
Apartment Suite	64,409	16.5	0	0.0%	1,004	1.6%	632	1.0%	1,906	3.0%	1,869	2.9%	58,999	91.6%
<b>BUILDING CODE ERA</b>														
2010-2017	37,645	7.4	3,222	8.6%	3,498	9.3%	3,068	8.1%	3,014	8.0%	367	1.0%	24,476	65.0%
1990-2009	89,181	14.6	1,624	1.8%	3,595	4.0%	6,067	6.8%	25,024	28.1%	8,349	9.4%	44,523	49.9%
1970-1989	161,749	16.8	1,492	0.9%	7,496	4.6%	8,927	5.5%	32,572	20.1%	24,453	15.1%	86,809	53.7%
1950-1969	110,314	16.5	1,687	1.5%	4,378	4.0%	6,999	6.3%	19,888	18.0%	14,646	13.3%	62,716	56.9%
Pre 1950	85,922	16.4	912	1.1%	3,475	4.0%	3,741	4.4%	10,910	12.7%	9,493	11.0%	57,392	66.8%
<b>SPACE HEAT FUEL</b>														
Electric Heat	191,639	16.0	2,143	1.1%	8,454	4.4%	9,623	5.0%	36,552	19.1%	22,223	11.6%	112,644	58.8%
Natural Gas Heat	249,938	15.4	6,794	2.7%	12,766	5.1%	19,035	7.6%	52,351	20.9%	33,555	13.4%	125,437	50.2%
Other Fuel	6,945	17.7	0	0.0%	425	6.1%	0	0.0%	602	8.7%	806	11.6%	5,112	73.6%
Shared (No Heat on Bill)	36,289	15.4	0	0.0%	797	2.2%	143	0.4%	1,901	5.2%	724	2.0%	32,724	90.2%
<b>PEOPLE PER HOUSEHOLD</b>														
One	124,779	18.3	344	0.3%	2,252	1.8%	2,498	2.0%	10,589	8.5%	10,476	8.4%	98,620	79.0%
Two	221,729	15.9	5,021	2.3%	10,209	4.6%	15,401	6.9%	52,515	23.7%	31,551	14.2%	107,031	48.3%
Three	60,069	15.1	1,141	1.9%	3,593	6.0%	5,201	8.7%	11,528	19.2%	7,666	12.8%	30,940	51.5%
Four	48,897	13.4	1,812	3.7%	3,521	7.2%	3,027	6.2%	10,399	21.3%	4,407	9.0%	25,730	52.6%
Five +	29,337	13.6	618	2.1%	2,865	9.8%	2,675	9.1%	6,375	21.7%	3,207	10.9%	13,596	46.3%
<b>HOUSEHOLD INCOME</b>														
Less Than \$25,000	59,481	17.7	124	0.2%	1,521	2.6%	1,431	2.4%	4,941	8.3%	5,044	8.5%	46,420	78.0%
\$25,000 - \$49,999	137,082	17.2	1,371	1.0%	4,627	3.4%	6,510	4.7%	21,005	15.3%	17,055	12.4%	86,514	63.1%
\$50,000 - \$74,999	123,824	16.2	2,481	2.0%	4,704	3.8%	7,227	5.8%	24,328	19.6%	16,060	13.0%	69,023	55.7%
\$75,000 - \$99,999	66,780	15.2	1,797	2.7%	3,542	5.3%	4,132	6.2%	14,296	21.4%	8,989	13.5%	34,024	50.9%
\$100,000 +	97,644	13.4	3,164	3.2%	8,047	8.2%	9,502	9.7%	26,836	27.5%	10,159	10.4%	39,936	40.9%
<b>WINNIPEG LICO-125 CLASS</b>														
Yes	158,987	16.8	1,309	0.8%	6,209	3.9%	6,155	3.9%	21,063	13.2%	17,114	10.8%	107,137	67.4%
No	325,824	15.2	7,628	2.3%	16,232	5.0%	22,647	7.0%	70,344	21.6%	40,193	12.3%	168,779	51.8%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>														
Yes	51,429	14.7	515	1.0%	3,446	6.7%	3,469	6.7%	7,282	14.2%	4,983	9.7%	31,734	61.7%
No	409,630	15.7	8,090	2.0%	17,765	4.3%	23,426	5.7%	80,186	19.6%	48,720	11.9%	231,443	56.5%
Undeclared	23,751	16.2	332	1.4%	1,229	5.2%	1,907	8.0%	3,939	16.6%	3,606	15.2%	12,739	53.6%
<b>FIRST NATION ON RESERVE</b>														
FIRST NATION ON RESERVE	15,456	13.5	187	1.2%	623	4.0%	435	2.8%	1,523	9.9%	629	4.1%	12,059	78.0%
<b>BILL PAYMENT RATING</b>														
Excellent	439,339	15.7	8,046	1.8%	20,250	4.6%	26,551	6.0%	85,581	19.5%	53,627	12.2%	245,283	55.8%
Satisfactory	22,395	14.5	580	2.6%	1,242	5.5%	858	3.8%	2,804	12.5%	2,110	9.4%	14,801	66.1%
Poor	23,077	14.2	311	1.3%	949	4.1%	1,392	6.0%	3,022	13.1%	1,570	6.8%	15,833	68.6%
<b>DWELLING OWNERSHIP</b>														
Own	404,316	15.7	8,437	2.1%	20,024	5.0%	27,471	6.8%	88,047	21.8%	54,808	13.6%	205,530	50.8%
Rent / Other	80,495	13.8	500	0.6%	2,418	3.0%	1,330	1.7%	3,360	4.2%	2,500	3.1%	70,387	87.4%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.07**  
**TOTAL NUMBER OF FREEZERS**

	TOTAL	ONE UNIT	%	TWO UNITS	%	THREE OR MORE	%	NO UNIT	%
<b>OVERALL</b>	<b>484,811</b>	276,176	57.0%	83,535	17.2%	855	0.2%	124,245	25.6%
<b>FUEL AREA</b>									
Winnipeg City	261,760	155,036	59.2%	20,370	7.8%	115	0.0%	86,240	32.9%
Gas Available	140,021	81,762	58.4%	38,183	27.3%	406	0.3%	19,669	14.0%
No Gas Available	83,030	39,378	47.4%	24,982	30.1%	335	0.4%	18,335	22.1%
<b>DWELLING TYPE</b>									
Single Detached	373,568	226,939	60.7%	78,555	21.0%	855	0.2%	67,218	18.0%
Multi Attached	46,834	25,519	54.5%	3,474	7.4%	0	0.0%	17,840	38.1%
Apartment Suite	64,409	23,717	36.8%	1,506	2.3%	0	0.0%	39,186	60.8%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	19,632	52.1%	4,355	11.6%	0	0.0%	13,658	36.3%
1990-2009	89,181	54,357	61.0%	16,128	18.1%	100	0.1%	18,596	20.9%
1970-1989	161,749	96,400	59.6%	30,118	18.6%	112	0.1%	35,119	21.7%
1950-1969	110,314	63,928	58.0%	16,881	15.3%	214	0.2%	29,291	26.6%
Pre 1950	85,922	41,859	48.7%	16,053	18.7%	429	0.5%	27,581	32.1%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	95,388	49.8%	48,843	25.5%	536	0.3%	46,873	24.5%
Natural Gas Heat	249,938	166,843	66.8%	31,627	12.7%	320	0.1%	51,148	20.5%
Other Fuel	6,945	3,107	44.7%	2,345	33.8%	0	0.0%	1,493	21.5%
Shared (No Heat on Bill)	36,289	10,837	29.9%	721	2.0%	0	0.0%	24,731	68.2%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	58,480	46.9%	12,916	10.4%	112	0.1%	53,272	42.7%
Two	221,729	129,450	58.4%	46,710	21.1%	429	0.2%	45,139	20.4%
Three	60,069	38,786	64.6%	9,977	16.6%	212	0.4%	11,094	18.5%
Four	48,897	32,706	66.9%	6,685	13.7%	0	0.0%	9,505	19.4%
Five +	29,337	16,753	57.1%	7,247	24.7%	103	0.3%	5,234	17.8%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	28,969	48.7%	9,771	16.4%	212	0.4%	20,529	34.5%
\$25,000 - \$49,999	137,082	71,423	52.1%	26,427	19.3%	214	0.2%	39,018	28.5%
\$50,000 - \$74,999	123,824	69,575	56.2%	22,835	18.4%	212	0.2%	31,202	25.2%
\$75,000 - \$99,999	66,780	41,888	62.7%	11,723	17.6%	0	0.0%	13,169	19.7%
\$100,000 +	97,644	64,321	65.9%	12,779	13.1%	217	0.2%	20,327	20.8%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	81,328	51.2%	31,021	19.5%	315	0.2%	46,323	29.1%
No	325,824	194,848	59.8%	52,514	16.1%	541	0.2%	77,922	23.9%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	25,481	49.5%	10,284	20.0%	103	0.2%	15,561	30.3%
No	409,630	237,586	58.0%	68,828	16.8%	650	0.2%	102,566	25.0%
Undeclared	23,751	13,108	55.2%	4,424	18.6%	103	0.4%	6,117	25.8%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	7,876	51.0%	1,624	10.5%	0	0.0%	5,956	38.5%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	252,275	57.4%	77,158	17.6%	643	0.1%	109,263	24.9%
Satisfactory	22,395	12,257	54.7%	3,230	14.4%	112	0.5%	6,797	30.3%
Poor	23,077	11,644	50.5%	3,148	13.6%	100	0.4%	8,185	35.5%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	242,146	59.9%	80,077	19.8%	855	0.2%	81,237	20.1%
Rent / Other	80,495	34,029	42.3%	3,458	4.3%	0	0.0%	43,008	53.4%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.08a**  
**SIZE (CUBIC FEET) OF MAIN FREEZER**

	TOTAL	SMALL	%	MEDIUM	%	LARGE	%	X-LARGE	%	NO UNIT	%
<b>OVERALL</b>	<b>484,811</b>	126,015	<b>26.0%</b>	128,014	<b>26.4%</b>	93,169	<b>19.2%</b>	13,368	<b>2.8%</b>	124,245	<b>25.6%</b>
<b>FUEL AREA</b>											
Winnipeg City	261,760	69,272	26.5%	62,696	24.0%	37,820	14.4%	5,733	2.2%	86,240	32.9%
Gas Available	140,021	37,340	26.7%	42,609	30.4%	35,391	25.3%	5,012	3.6%	19,669	14.0%
No Gas Available	83,030	19,403	23.4%	22,710	27.4%	19,959	24.0%	2,623	3.2%	18,335	22.1%
<b>DWELLING TYPE</b>											
Single Detached	373,568	90,704	24.3%	116,500	31.2%	86,499	23.2%	12,647	3.4%	67,218	18.0%
Multi Attached	46,834	15,948	34.1%	8,448	18.0%	3,877	8.3%	721	1.5%	17,840	38.1%
Apartment Suite	64,409	19,364	30.1%	3,066	4.8%	2,793	4.3%	0	0.0%	39,186	60.8%
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	8,418	22.4%	8,628	22.9%	5,995	15.9%	946	2.5%	13,658	36.3%
1990-2009	89,181	24,926	27.9%	24,318	27.3%	19,056	21.4%	2,285	2.6%	18,596	20.9%
1970-1989	161,749	43,464	26.9%	44,061	27.2%	34,392	21.3%	4,712	2.9%	35,119	21.7%
1950-1969	110,314	25,351	23.0%	30,379	27.5%	21,162	19.2%	4,132	3.7%	29,291	26.6%
Pre 1950	85,922	23,857	27.8%	20,628	24.0%	12,564	14.6%	1,293	1.5%	27,581	32.1%
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	50,573	26.4%	46,793	24.4%	42,274	22.1%	5,127	2.7%	46,873	24.5%
Natural Gas Heat	249,938	65,168	26.1%	76,805	30.7%	48,576	19.4%	8,241	3.3%	51,148	20.5%
Other Fuel	6,945	1,496	21.5%	2,505	36.1%	1,452	20.9%	0	0.0%	1,493	21.5%
Shared (No Heat on Bill)	36,289	8,779	24.2%	1,912	5.3%	867	2.4%	0	0.0%	24,731	68.2%
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	36,284	29.1%	20,232	16.2%	13,863	11.1%	1,129	0.9%	53,272	42.7%
Two	221,729	57,645	26.0%	65,625	29.6%	47,744	21.5%	5,576	2.5%	45,139	20.4%
Three	60,069	15,198	25.3%	18,147	30.2%	13,671	22.8%	1,960	3.3%	11,094	18.5%
Four	48,897	11,325	23.2%	16,210	33.2%	9,914	20.3%	1,942	4.0%	9,505	19.4%
Five +	29,337	5,564	19.0%	7,800	26.6%	7,977	27.2%	2,761	9.4%	5,234	17.8%
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	18,198	30.6%	11,548	19.4%	8,333	14.0%	873	1.5%	20,529	34.5%
\$25,000 - \$49,999	137,082	37,782	27.6%	33,964	24.8%	23,619	17.2%	2,699	2.0%	39,018	28.5%
\$50,000 - \$74,999	123,824	32,352	26.1%	31,081	25.1%	25,658	20.7%	3,532	2.9%	31,202	25.2%
\$75,000 - \$99,999	66,780	15,539	23.3%	20,262	30.3%	16,105	24.1%	1,704	2.6%	13,169	19.7%
\$100,000 +	97,644	22,144	22.7%	31,159	31.9%	19,453	19.9%	4,561	4.7%	20,327	20.8%
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	46,094	29.0%	36,324	22.8%	27,037	17.0%	3,209	2.0%	46,323	29.1%
No	325,824	79,922	24.5%	91,690	28.1%	66,132	20.3%	10,159	3.1%	77,922	23.9%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	12,348	24.0%	13,650	26.5%	8,384	16.3%	1,486	2.9%	15,561	30.3%
No	409,630	107,908	26.3%	108,640	26.5%	79,055	19.3%	11,462	2.8%	102,566	25.0%
Undeclared	23,751	5,760	24.3%	5,724	24.1%	5,730	24.1%	420	1.8%	6,117	25.8%
<b>FIRST NATION ON RESERVE</b>											
FIRST NATION ON RESERVE	15,456	3,412	22.1%	3,818	24.7%	2,021	13.1%	249	1.6%	5,956	38.5%
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	116,032	26.4%	115,468	26.3%	86,894	19.8%	11,683	2.7%	109,263	24.9%
Satisfactory	22,395	5,113	22.8%	6,702	29.9%	2,636	11.8%	1,147	5.1%	6,797	30.3%
Poor	23,077	4,870	21.1%	5,845	25.3%	3,638	15.8%	538	2.3%	8,185	35.5%
<b>DWELLING OWNERSHIP</b>											
Own	404,316	101,258	25.0%	119,678	29.6%	89,554	22.1%	12,590	3.1%	81,237	20.1%
Rent / Other	80,495	24,758	30.8%	8,337	10.4%	3,614	4.5%	778	1.0%	43,008	53.4%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.08b**  
**AGE (YEARS) OF MAIN FREEZER**

	AVERAGE		0-3		4-6		7-9		10-20		OVER		NO	
	TOTAL	AGE	YRS	%	YRS	%	YRS	%	YRS	%	20 YRS	%	UNIT	%
<b>OVERALL</b>	<b>484,811</b>	<b>13.6</b>	50,060	10.3%	53,546	11.0%	47,303	9.8%	121,906	25.1%	87,751	18.1%	124,245	25.6%
<b>FUEL AREA</b>														
Winnipeg City	261,760	14.2	22,547	8.6%	25,792	9.9%	22,491	8.6%	58,262	22.3%	46,428	17.7%	86,240	32.9%
Gas Available	140,021	13.1	19,891	14.2%	17,701	12.6%	15,407	11.0%	39,649	28.3%	27,703	19.8%	19,669	14.0%
No Gas Available	83,030	13.1	7,622	9.2%	10,053	12.1%	9,405	11.3%	23,994	28.9%	13,620	16.4%	18,335	22.1%
<b>DWELLING TYPE</b>														
Single Detached	373,568	13.9	40,347	10.8%	43,307	11.6%	39,951	10.7%	106,131	28.4%	76,613	20.5%	67,218	18.0%
Multi Attached	46,834	13.6	4,624	9.9%	4,794	10.2%	3,562	7.6%	9,027	19.3%	6,986	14.9%	17,840	38.1%
Apartment Suite	64,409	10.9	5,089	7.9%	5,445	8.5%	3,790	5.9%	6,747	10.5%	4,152	6.4%	39,186	60.8%
<b>BUILDING CODE ERA</b>														
2010-2017	37,645	7.1	7,973	21.2%	6,150	16.3%	3,488	9.3%	5,294	14.1%	1,081	2.9%	13,658	36.3%
1990-2009	89,181	12.0	9,279	10.4%	10,165	11.4%	10,174	11.4%	30,977	34.7%	9,990	11.2%	18,596	20.9%
1970-1989	161,749	14.4	16,653	10.3%	17,653	10.9%	16,088	9.9%	41,311	25.5%	34,925	21.6%	35,119	21.7%
1950-1969	110,314	15.6	9,287	8.4%	10,879	9.9%	9,472	8.6%	24,532	22.2%	26,853	24.3%	29,291	26.6%
Pre 1950	85,922	13.9	6,867	8.0%	8,700	10.1%	8,081	9.4%	19,791	23.0%	14,902	17.3%	27,581	32.1%
<b>SPACE HEAT FUEL</b>														
Electric Heat	191,639	12.9	20,423	10.7%	24,790	12.9%	19,197	10.0%	49,267	25.7%	31,089	16.2%	46,873	24.5%
Natural Gas Heat	249,938	14.2	27,203	10.9%	26,129	10.5%	24,717	9.9%	68,585	27.4%	52,156	20.9%	51,148	20.5%
Other Fuel	6,945	12.3	690	9.9%	893	12.9%	1,143	16.5%	1,583	22.8%	1,143	16.5%	1,493	21.5%
Shared (No Heat on Bill)	36,289	13.8	1,744	4.8%	1,734	4.8%	2,246	6.2%	2,471	6.8%	3,362	9.3%	24,731	68.2%
<b>PEOPLE PER HOUSEHOLD</b>														
One	124,779	14.5	9,367	7.5%	9,507	7.6%	8,113	6.5%	24,885	19.9%	19,636	15.7%	53,272	42.7%
Two	221,729	13.8	24,063	10.9%	26,270	11.8%	22,492	10.1%	59,011	26.6%	44,753	20.2%	45,139	20.4%
Three	60,069	13.5	6,438	10.7%	7,344	12.2%	6,412	10.7%	17,330	28.8%	11,453	19.1%	11,094	18.5%
Four	48,897	12.5	6,099	12.5%	5,739	11.7%	6,299	12.9%	13,638	27.9%	7,617	15.6%	9,505	19.4%
Five +	29,337	11.6	4,094	14.0%	4,687	16.0%	3,987	13.6%	7,041	24.0%	4,293	14.6%	5,234	17.8%
<b>HOUSEHOLD INCOME</b>														
Less Than \$25,000	59,481	14.0	4,413	7.4%	5,986	10.1%	4,642	7.8%	14,306	24.1%	9,606	16.1%	20,529	34.5%
\$25,000 - \$49,999	137,082	14.1	13,622	9.9%	14,386	10.5%	12,365	9.0%	32,311	23.6%	25,380	18.5%	39,018	28.5%
\$50,000 - \$74,999	123,824	14.6	11,517	9.3%	11,317	9.1%	10,841	8.8%	33,359	26.9%	25,588	20.7%	31,202	25.2%
\$75,000 - \$99,999	66,780	12.7	9,127	13.7%	9,302	13.9%	6,562	9.8%	16,665	25.0%	11,954	17.9%	13,169	19.7%
\$100,000 +	97,644	12.4	11,381	11.7%	12,556	12.9%	12,893	13.2%	25,264	25.9%	15,224	15.6%	20,327	20.8%
<b>WINNIPEG LICO-125 CLASS</b>														
Yes	158,987	14.1	13,823	8.7%	17,696	11.1%	14,142	8.9%	37,971	23.9%	29,031	18.3%	46,323	29.1%
No	325,824	13.4	36,237	11.1%	35,850	11.0%	33,161	10.2%	83,935	25.8%	58,720	18.0%	77,922	23.9%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>														
Yes	51,429	12.4	4,772	9.3%	6,450	12.5%	6,048	11.8%	11,501	22.4%	7,097	13.8%	15,561	30.3%
No	409,630	13.8	42,737	10.4%	44,933	11.0%	38,150	9.3%	104,948	25.6%	76,296	18.6%	102,566	25.0%
Undeclared	23,751	13.3	2,551	10.7%	2,163	9.1%	3,104	13.1%	5,457	23.0%	4,359	18.4%	6,117	25.8%
<b>FIRST NATION ON RESERVE</b>														
FIRST NATION ON RESERVE	15,456	11.0	1,323	8.6%	2,002	13.0%	1,306	8.4%	3,774	24.4%	1,095	7.1%	5,956	38.5%
<b>BILL PAYMENT RATING</b>														
Excellent	439,339	13.6	45,971	10.5%	49,057	11.2%	42,394	9.6%	112,266	25.6%	80,388	18.3%	109,263	24.9%
Satisfactory	22,395	14.3	2,071	9.2%	2,248	10.0%	2,512	11.2%	4,215	18.8%	4,552	20.3%	6,797	30.3%
Poor	23,077	12.5	2,018	8.7%	2,241	9.7%	2,397	10.4%	5,425	23.5%	2,811	12.2%	8,185	35.5%
<b>DWELLING OWNERSHIP</b>														
Own	404,316	13.9	42,986	10.6%	44,666	11.0%	42,610	10.5%	112,014	27.7%	80,803	20.0%	81,237	20.1%
Rent / Other	80,495	11.4	7,074	8.8%	8,880	11.0%	4,693	5.8%	9,892	12.3%	6,948	8.6%	43,008	53.4%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.09a  
SIZE (CUBIC FEET) OF SECONDARY FREEZER**

	TOTAL	SMALL	%	MEDIUM	%	LARGE	%	X-LARGE	%	NO UNIT	%
<b>OVERALL</b>	<b>484,811</b>	31,422	6.5%	29,350	6.1%	23,403	4.8%	1,594	0.3%	399,042	82.3%
<b>FUEL AREA</b>											
Winnipeg City	261,760	9,867	3.8%	5,560	2.1%	5,656	2.2%	178	0.1%	240,499	91.9%
Gas Available	140,021	12,781	9.1%	15,348	11.0%	9,838	7.0%	908	0.6%	101,146	72.2%
No Gas Available	83,030	8,774	10.6%	8,442	10.2%	7,909	9.5%	509	0.6%	57,397	69.1%
<b>DWELLING TYPE</b>											
Single Detached	373,568	28,648	7.7%	28,529	7.6%	21,499	5.8%	1,594	0.4%	293,298	78.5%
Multi Attached	46,834	2,191	4.7%	821	1.8%	617	1.3%	0	0.0%	43,205	92.3%
Apartment Suite	64,409	583	0.9%	0	0.0%	1,287	2.0%	0	0.0%	62,539	97.1%
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	1,809	4.8%	1,645	4.4%	1,103	2.9%	112	0.3%	32,977	87.6%
1990-2009	89,181	6,328	7.1%	5,715	6.4%	4,315	4.8%	62	0.1%	72,761	81.6%
1970-1989	161,749	11,003	6.8%	10,272	6.4%	8,509	5.3%	515	0.3%	131,450	81.3%
1950-1969	110,314	6,156	5.6%	6,210	5.6%	4,631	4.2%	481	0.4%	92,835	84.2%
Pre 1950	85,922	6,126	7.1%	5,507	6.4%	4,845	5.6%	424	0.5%	69,019	80.3%
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	17,074	8.9%	18,340	9.6%	13,340	7.0%	1,389	0.7%	141,496	73.8%
Natural Gas Heat	249,938	13,924	5.6%	10,541	4.2%	7,891	3.2%	205	0.1%	217,377	87.0%
Other Fuel	6,945	425	6.1%	469	6.7%	1,452	20.9%	0	0.0%	4,600	66.2%
Shared (No Heat on Bill)	36,289	0	0.0%	0	0.0%	721	2.0%	0	0.0%	35,568	98.0%
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	5,088	4.1%	3,613	2.9%	4,284	3.4%	214	0.2%	111,580	89.4%
Two	221,729	17,820	8.0%	16,470	7.4%	12,995	5.9%	859	0.4%	173,585	78.3%
Three	60,069	3,095	5.2%	4,231	7.0%	2,817	4.7%	31	0.1%	49,896	83.1%
Four	48,897	3,374	6.9%	1,917	3.9%	1,511	3.1%	100	0.2%	41,994	85.9%
Five +	29,337	2,045	7.0%	3,120	10.6%	1,795	6.1%	390	1.3%	21,987	74.9%
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	3,410	5.7%	3,619	6.1%	3,170	5.3%	0	0.0%	49,281	82.9%
\$25,000 - \$49,999	137,082	10,843	7.9%	9,061	6.6%	7,163	5.2%	174	0.1%	109,842	80.1%
\$50,000 - \$74,999	123,824	8,029	6.5%	7,234	5.8%	6,940	5.6%	1,108	0.9%	100,514	81.2%
\$75,000 - \$99,999	66,780	4,559	6.8%	4,543	6.8%	2,618	3.9%	201	0.3%	54,859	82.1%
\$100,000 +	97,644	4,581	4.7%	4,893	5.0%	3,514	3.6%	112	0.1%	84,545	86.6%
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	11,772	7.4%	11,146	7.0%	8,670	5.5%	564	0.4%	126,836	79.8%
No	325,824	19,650	6.0%	18,204	5.6%	14,733	4.5%	1,031	0.3%	272,206	83.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	3,147	6.1%	3,501	6.8%	3,506	6.8%	441	0.9%	40,835	79.4%
No	409,630	26,586	6.5%	24,595	6.0%	18,214	4.4%	1,153	0.3%	339,083	82.8%
Undeclared	23,751	1,689	7.1%	1,254	5.3%	1,684	7.1%	0	0.0%	19,125	80.5%
<b>FIRST NATION ON RESERVE</b>											
FIRST NATION ON RESERVE	15,456	497	3.2%	566	3.7%	591	3.8%	62	0.4%	13,739	88.9%
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	29,327	6.7%	27,368	6.2%	21,041	4.8%	1,463	0.3%	360,141	82.0%
Satisfactory	22,395	899	4.0%	1,035	4.6%	1,164	5.2%	131	0.6%	19,165	85.6%
Poor	23,077	1,196	5.2%	947	4.1%	1,198	5.2%	0	0.0%	19,736	85.5%
<b>DWELLING OWNERSHIP</b>											
Own	404,316	29,892	7.4%	28,165	7.0%	22,131	5.5%	1,432	0.4%	322,698	79.8%
Rent / Other	80,495	1,530	1.9%	1,185	1.5%	1,272	1.6%	163	0.2%	76,344	94.8%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.09b**  
**AGE (YEARS) OF SECONDARY FREEZER**

	AVERAGE		0-3		4-6		7-9		10-20		OVER		NO	
	TOTAL	AGE	YRS	%	YRS	%	YRS	%	YRS	%	20 YRS	%	UNIT	%
<b>OVERALL</b>	<b>484,811</b>	<b>18.5</b>	2,577	0.5%	6,517	1.3%	7,945	1.6%	34,727	7.2%	34,003	7.0%	399,042	82.3%
<b>FUEL AREA</b>														
Winnipeg City	261,760	18.6	674	0.3%	1,588	0.6%	2,627	1.0%	7,700	2.9%	8,671	3.3%	240,499	91.9%
Gas Available	140,021	18.4	1,413	1.0%	2,832	2.0%	3,730	2.7%	15,788	11.3%	15,112	10.8%	101,146	72.2%
No Gas Available	83,030	18.6	490	0.6%	2,096	2.5%	1,587	1.9%	11,239	13.5%	10,220	12.3%	57,397	69.1%
<b>DWELLING TYPE</b>														
Single Detached	373,568	18.8	1,732	0.5%	6,191	1.7%	7,025	1.9%	32,691	8.8%	32,632	8.7%	293,298	78.5%
Multi Attached	46,834	17.1	412	0.9%	0	0.0%	719	1.5%	1,127	2.4%	1,371	2.9%	43,205	92.3%
Apartment Suite	64,409	9.2	434	0.7%	326	0.5%	202	0.3%	909	1.4%	0	0.0%	62,539	97.1%
<b>BUILDING CODE ERA</b>														
2010-2017	37,645	11.4	715	1.9%	795	2.1%	634	1.7%	1,942	5.2%	581	1.5%	32,977	87.6%
1990-2009	89,181	15.8	365	0.4%	1,201	1.3%	2,297	2.6%	9,026	10.1%	3,531	4.0%	72,761	81.6%
1970-1989	161,749	19.9	719	0.4%	2,246	1.4%	2,975	1.8%	9,523	5.9%	14,837	9.2%	131,450	81.3%
1950-1969	110,314	19.6	472	0.4%	1,307	1.2%	950	0.9%	6,969	6.3%	7,780	7.1%	92,835	84.2%
Pre 1950	85,922	19.5	305	0.4%	968	1.1%	1,089	1.3%	7,267	8.5%	7,273	8.5%	69,019	80.3%
<b>SPACE HEAT FUEL</b>														
Electric Heat	191,639	18.6	1,245	0.6%	4,112	2.1%	4,263	2.2%	20,339	10.6%	20,185	10.5%	141,496	73.8%
Natural Gas Heat	249,938	18.7	899	0.4%	1,980	0.8%	3,683	1.5%	12,943	5.2%	13,056	5.2%	217,377	87.0%
Other Fuel	6,945	18.1	0	0.0%	425	6.1%	0	0.0%	1,158	16.7%	762	11.0%	4,600	66.2%
Shared (No Heat on Bill)	36,289	7.0	434	1.2%	0	0.0%	0	0.0%	287	0.8%	0	0.0%	35,568	98.0%
<b>PEOPLE PER HOUSEHOLD</b>														
One	124,779	18.9	103	0.1%	1,506	1.2%	1,127	0.9%	4,926	3.9%	5,538	4.4%	111,580	89.4%
Two	221,729	19.0	1,764	0.8%	3,227	1.5%	4,387	2.0%	17,806	8.0%	20,961	9.5%	173,585	78.3%
Three	60,069	18.8	103	0.2%	433	0.7%	908	1.5%	5,010	8.3%	3,720	6.2%	49,896	83.1%
Four	48,897	16.1	330	0.7%	674	1.4%	747	1.5%	3,488	7.1%	1,663	3.4%	41,994	85.9%
Five +	29,337	16.5	279	0.9%	676	2.3%	775	2.6%	3,498	11.9%	2,121	7.2%	21,987	74.9%
<b>HOUSEHOLD INCOME</b>														
Less Than \$25,000	59,481	18.3	217	0.4%	995	1.7%	813	1.4%	4,303	7.2%	3,872	6.5%	49,281	82.9%
\$25,000 - \$49,999	137,082	18.7	709	0.5%	2,392	1.7%	2,814	2.1%	9,553	7.0%	11,772	8.6%	109,842	80.1%
\$50,000 - \$74,999	123,824	19.3	857	0.7%	1,485	1.2%	1,558	1.3%	9,116	7.4%	10,294	8.3%	100,514	81.2%
\$75,000 - \$99,999	66,780	17.5	375	0.6%	696	1.0%	1,580	2.4%	5,231	7.8%	4,040	6.0%	54,859	82.1%
\$100,000 +	97,644	17.7	420	0.4%	949	1.0%	1,181	1.2%	6,524	6.7%	4,025	4.1%	84,545	86.6%
<b>WINNIPEG LICO-125 CLASS</b>														
Yes	158,987	18.3	814	0.5%	3,314	2.1%	3,158	2.0%	12,109	7.6%	12,755	8.0%	126,836	79.8%
No	325,824	18.6	1,763	0.5%	3,202	1.0%	4,787	1.5%	22,618	6.9%	21,248	6.5%	272,206	83.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>														
Yes	51,429	16.0	308	0.6%	1,147	2.2%	961	1.9%	5,209	10.1%	2,970	5.8%	40,835	79.4%
No	409,630	18.9	1,955	0.5%	4,970	1.2%	6,769	1.7%	27,793	6.8%	29,061	7.1%	339,083	82.8%
Undeclared	23,751	18.2	315	1.3%	400	1.7%	215	0.9%	1,725	7.3%	1,972	8.3%	19,125	80.5%
<b>FIRST NATION ON RESERVE</b>														
FIRST NATION ON RESERVE	15,456	14.0	155	1.0%	280	1.8%	62	0.4%	846	5.5%	373	2.4%	13,739	88.9%
<b>BILL PAYMENT RATING</b>														
Excellent	439,339	18.5	2,152	0.5%	6,211	1.4%	7,563	1.7%	31,690	7.2%	31,582	7.2%	360,141	82.0%
Satisfactory	22,395	19.7	248	1.1%	0	0.0%	351	1.6%	1,042	4.7%	1,588	7.1%	19,165	85.6%
Poor	23,077	16.7	177	0.8%	305	1.3%	31	0.1%	1,995	8.6%	833	3.6%	19,736	85.5%
<b>DWELLING OWNERSHIP</b>														
Own	404,316	18.7	2,147	0.5%	6,087	1.5%	7,074	1.7%	33,265	8.2%	33,047	8.2%	322,698	79.8%
Rent / Other	80,495	14.0	431	0.5%	430	0.5%	872	1.1%	1,462	1.8%	956	1.2%	76,344	94.8%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.10a**  
**AGE (YEARS) OF DISHWASHER**

	AVERAGE		0-3		4-6		7-9		10-20		OVER		NO	
	TOTAL	AGE	YRS	%	YRS	%	YRS	%	YRS	%	20 YRS	%	UNIT	%
<b>OVERALL</b>	<b>484,811</b>	<b>9.0</b>	98,768	20.4%	71,982	14.8%	56,734	11.7%	85,008	17.5%	31,045	6.4%	141,273	29.1%
<b>FUEL AREA</b>														
Winnipeg City	261,760	9.6	54,920	21.0%	39,964	15.3%	30,999	11.8%	49,028	18.7%	22,342	8.5%	64,507	24.6%
Gas Available	140,021	8.0	33,645	24.0%	21,807	15.6%	18,094	12.9%	25,078	17.9%	5,790	4.1%	35,608	25.4%
No Gas Available	83,030	8.8	10,203	12.3%	10,212	12.3%	7,641	9.2%	10,902	13.1%	2,914	3.5%	41,158	49.6%
<b>DWELLING TYPE</b>														
Single Detached	373,568	8.6	73,706	19.7%	58,413	15.6%	46,252	12.4%	73,411	19.7%	17,970	4.8%	103,815	27.8%
Multi Attached	46,834	8.3	11,465	24.5%	5,545	11.8%	5,033	10.7%	6,259	13.4%	2,510	5.4%	16,022	34.2%
Apartment Suite	64,409	11.7	13,597	21.1%	8,025	12.5%	5,448	8.5%	5,338	8.3%	10,565	16.4%	21,436	33.3%
<b>BUILDING CODE ERA</b>														
2010-2017	37,645	2.3	31,025	82.4%	3,226	8.6%	0	0.0%	115	0.3%	0	0.0%	3,279	8.7%
1990-2009	89,181	7.8	14,192	15.9%	20,740	23.3%	15,613	17.5%	19,802	22.2%	1,211	1.4%	17,623	19.8%
1970-1989	161,749	10.1	28,478	17.6%	23,953	14.8%	21,394	13.2%	31,242	19.3%	14,864	9.2%	41,816	25.9%
1950-1969	110,314	10.9	14,801	13.4%	15,543	14.1%	10,895	9.9%	21,231	19.2%	10,348	9.4%	37,496	34.0%
Pre 1950	85,922	9.8	10,271	12.0%	8,520	9.9%	8,831	10.3%	12,619	14.7%	4,622	5.4%	41,059	47.8%
<b>SPACE HEAT FUEL</b>														
Electric Heat	191,639	8.3	41,513	21.7%	27,204	14.2%	19,904	10.4%	26,304	13.7%	10,440	5.4%	66,275	34.6%
Natural Gas Heat	249,938	8.9	53,782	21.5%	40,353	16.1%	34,172	13.7%	54,308	21.7%	14,660	5.9%	52,662	21.1%
Other Fuel	6,945	6.9	1,158	16.7%	1,524	21.9%	337	4.9%	1,027	14.8%	0	0.0%	2,898	41.7%
Shared (No Heat on Bill)	36,289	15.9	2,314	6.4%	2,901	8.0%	2,321	6.4%	3,369	9.3%	5,946	16.4%	19,438	53.6%
<b>PEOPLE PER HOUSEHOLD</b>														
One	124,779	11.0	17,687	14.2%	12,423	10.0%	9,912	7.9%	19,951	16.0%	10,907	8.7%	53,901	43.2%
Two	221,729	9.0	43,858	19.8%	35,001	15.8%	28,632	12.9%	46,798	21.1%	13,119	5.9%	54,321	24.5%
Three	60,069	8.0	14,341	23.9%	10,917	18.2%	8,844	14.7%	8,860	14.7%	3,396	5.7%	13,710	22.8%
Four	48,897	7.3	14,788	30.2%	8,809	18.0%	5,912	12.1%	5,848	12.0%	2,783	5.7%	10,756	22.0%
Five +	29,337	6.8	8,094	27.6%	4,832	16.5%	3,434	11.7%	3,550	12.1%	841	2.9%	8,585	29.3%
<b>HOUSEHOLD INCOME</b>														
Less Than \$25,000	59,481	11.1	5,096	8.6%	4,032	6.8%	2,698	4.5%	7,254	12.2%	3,023	5.1%	37,378	62.8%
\$25,000 - \$49,999	137,082	10.4	18,982	13.8%	18,129	13.2%	14,960	10.9%	23,093	16.8%	11,110	8.1%	50,809	37.1%
\$50,000 - \$74,999	123,824	9.0	27,647	22.3%	16,992	13.7%	15,532	12.5%	23,744	19.2%	8,365	6.8%	31,544	25.5%
\$75,000 - \$99,999	66,780	8.3	17,496	26.2%	11,324	17.0%	8,664	13.0%	12,555	18.8%	4,215	6.3%	12,525	18.8%
\$100,000 +	97,644	7.5	29,546	30.3%	21,506	22.0%	14,879	15.2%	18,364	18.8%	4,332	4.4%	9,017	9.2%
<b>WINNIPEG LICO-125 CLASS</b>														
Yes	158,987	10.2	20,405	12.8%	17,747	11.2%	13,376	8.4%	22,073	13.9%	10,421	6.6%	74,965	47.2%
No	325,824	8.6	78,363	24.1%	54,235	16.6%	43,358	13.3%	62,935	19.3%	20,625	6.3%	66,308	20.4%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>														
Yes	51,429	8.8	7,185	14.0%	5,774	11.2%	4,010	7.8%	4,637	9.0%	2,587	5.0%	27,236	53.0%
No	409,630	9.0	87,299	21.3%	61,893	15.1%	49,390	12.1%	76,497	18.7%	26,862	6.6%	107,690	26.3%
Undeclared	23,751	8.9	4,283	18.0%	4,315	18.2%	3,334	14.0%	3,875	16.3%	1,596	6.7%	6,347	26.7%
<b>FIRST NATION ON RESERVE</b>														
FIRST NATION ON RESERVE	15,456	8.2	187	1.2%	591	3.8%	249	1.6%	311	2.0%	62	0.4%	14,057	90.9%
<b>BILL PAYMENT RATING</b>														
Excellent	439,339	9.0	91,644	20.9%	67,625	15.4%	53,500	12.2%	78,682	17.9%	28,698	6.5%	119,190	27.1%
Satisfactory	22,395	8.2	4,412	19.7%	2,534	11.3%	981	4.4%	3,724	16.6%	870	3.9%	9,874	44.1%
Poor	23,077	10.6	2,712	11.8%	1,823	7.9%	2,252	9.8%	2,603	11.3%	1,478	6.4%	12,210	52.9%
<b>DWELLING OWNERSHIP</b>														
Own	404,316	8.6	87,302	21.6%	65,638	16.2%	51,433	12.7%	80,513	19.9%	20,772	5.1%	98,658	24.4%
Rent / Other	80,495	12.3	11,466	14.2%	6,344	7.9%	5,301	6.6%	4,496	5.6%	10,274	12.8%	42,615	52.9%



**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.10b  
AVERAGE NUMBER OF DISHWASHER LOADS PER WEEK**

	TOTAL	1-3	%	4-6	%	7-9	%	OVER 9	%	OTHER	%	NO UNIT	%
<b>OVERALL</b>	<b>484,811</b>	187,275	<b>38.6%</b>	93,395	<b>19.3%</b>	35,001	<b>7.2%</b>	6,462	<b>1.3%</b>	21,405	<b>4.4%</b>	141,273	<b>29.1%</b>
<b>FUEL AREA</b>													
Winnipeg City	261,760	106,646	<b>40.7%</b>	53,893	<b>20.6%</b>	19,667	<b>7.5%</b>	3,057	<b>1.2%</b>	13,990	<b>5.3%</b>	64,507	<b>24.6%</b>
Gas Available	140,021	57,803	<b>41.3%</b>	27,949	<b>20.0%</b>	11,624	<b>8.3%</b>	2,115	<b>1.5%</b>	4,921	<b>3.5%</b>	35,608	<b>25.4%</b>
No Gas Available	83,030	22,827	<b>27.5%</b>	11,552	<b>13.9%</b>	3,710	<b>4.5%</b>	1,290	<b>1.6%</b>	2,493	<b>3.0%</b>	41,158	<b>49.6%</b>
<b>DWELLING TYPE</b>													
Single Detached	373,568	139,292	<b>37.3%</b>	78,915	<b>21.1%</b>	31,374	<b>8.4%</b>	5,700	<b>1.5%</b>	14,471	<b>3.9%</b>	103,815	<b>27.8%</b>
Multi Attached	46,834	21,070	<b>45.0%</b>	5,672	<b>12.1%</b>	1,902	<b>4.1%</b>	309	<b>0.7%</b>	1,859	<b>4.0%</b>	16,022	<b>34.2%</b>
Apartment Suite	64,409	26,913	<b>41.8%</b>	8,807	<b>13.7%</b>	1,725	<b>2.7%</b>	453	<b>0.7%</b>	5,074	<b>7.9%</b>	21,436	<b>33.3%</b>
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	19,331	<b>51.4%</b>	9,101	<b>24.2%</b>	3,496	<b>9.3%</b>	643	<b>1.7%</b>	1,794	<b>4.8%</b>	3,279	<b>8.7%</b>
1990-2009	89,181	37,414	<b>42.0%</b>	20,910	<b>23.4%</b>	8,244	<b>9.2%</b>	1,539	<b>1.7%</b>	3,451	<b>3.9%</b>	17,623	<b>19.8%</b>
1970-1989	161,749	68,468	<b>42.3%</b>	30,988	<b>19.2%</b>	10,411	<b>6.4%</b>	1,729	<b>1.1%</b>	8,337	<b>5.2%</b>	41,816	<b>25.9%</b>
1950-1969	110,314	39,976	<b>36.2%</b>	18,870	<b>17.1%</b>	7,830	<b>7.1%</b>	1,567	<b>1.4%</b>	4,576	<b>4.1%</b>	37,496	<b>34.0%</b>
Pre 1950	85,922	22,086	<b>25.7%</b>	13,526	<b>15.7%</b>	5,020	<b>5.8%</b>	983	<b>1.1%</b>	3,247	<b>3.8%</b>	41,059	<b>47.8%</b>
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	71,886	<b>37.5%</b>	30,914	<b>16.1%</b>	11,893	<b>6.2%</b>	2,440	<b>1.3%</b>	8,231	<b>4.3%</b>	66,275	<b>34.6%</b>
Natural Gas Heat	249,938	102,908	<b>41.2%</b>	58,857	<b>23.5%</b>	20,633	<b>8.3%</b>	3,732	<b>1.5%</b>	11,146	<b>4.5%</b>	52,662	<b>21.1%</b>
Other Fuel	6,945	1,583	<b>22.8%</b>	1,012	<b>14.6%</b>	1,452	<b>20.9%</b>	0	<b>0.0%</b>	0	<b>0.0%</b>	2,898	<b>41.7%</b>
Shared (No Heat on Bill)	36,289	10,898	<b>30.0%</b>	2,611	<b>7.2%</b>	1,024	<b>2.8%</b>	290	<b>0.8%</b>	2,028	<b>5.6%</b>	19,438	<b>53.6%</b>
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	51,910	<b>41.6%</b>	8,033	<b>6.4%</b>	1,653	<b>1.3%</b>	257	<b>0.2%</b>	9,025	<b>7.2%</b>	53,901	<b>43.2%</b>
Two	221,729	98,220	<b>44.3%</b>	46,880	<b>21.1%</b>	11,496	<b>5.2%</b>	1,121	<b>0.5%</b>	9,691	<b>4.4%</b>	54,321	<b>24.5%</b>
Three	60,069	20,687	<b>34.4%</b>	17,095	<b>28.5%</b>	6,388	<b>10.6%</b>	1,073	<b>1.8%</b>	1,115	<b>1.9%</b>	13,710	<b>22.8%</b>
Four	48,897	12,231	<b>25.0%</b>	14,564	<b>29.8%</b>	8,716	<b>17.8%</b>	1,608	<b>3.3%</b>	1,021	<b>2.1%</b>	10,756	<b>22.0%</b>
Five +	29,337	4,228	<b>14.4%</b>	6,822	<b>23.3%</b>	6,747	<b>23.0%</b>	2,402	<b>8.2%</b>	553	<b>1.9%</b>	8,585	<b>29.3%</b>
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	14,767	<b>24.8%</b>	3,623	<b>6.1%</b>	1,686	<b>2.8%</b>	143	<b>0.2%</b>	1,883	<b>3.2%</b>	37,378	<b>62.8%</b>
\$25,000 - \$49,999	137,082	54,773	<b>40.0%</b>	19,567	<b>14.3%</b>	3,953	<b>2.9%</b>	463	<b>0.3%</b>	7,518	<b>5.5%</b>	50,809	<b>37.1%</b>
\$50,000 - \$74,999	123,824	48,567	<b>39.2%</b>	26,380	<b>21.3%</b>	8,178	<b>6.6%</b>	1,547	<b>1.2%</b>	7,608	<b>6.1%</b>	31,544	<b>25.5%</b>
\$75,000 - \$99,999	66,780	28,402	<b>42.5%</b>	15,306	<b>22.9%</b>	7,466	<b>11.2%</b>	1,074	<b>1.6%</b>	2,006	<b>3.0%</b>	12,525	<b>18.8%</b>
\$100,000 +	97,644	40,766	<b>41.7%</b>	28,518	<b>29.2%</b>	13,717	<b>14.0%</b>	3,235	<b>3.3%</b>	2,390	<b>2.4%</b>	9,017	<b>9.2%</b>
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	50,533	<b>31.8%</b>	18,852	<b>11.9%</b>	6,595	<b>4.1%</b>	1,358	<b>0.9%</b>	6,685	<b>4.2%</b>	74,965	<b>47.2%</b>
No	325,824	136,743	<b>42.0%</b>	74,543	<b>22.9%</b>	28,407	<b>8.7%</b>	5,104	<b>1.6%</b>	14,720	<b>4.5%</b>	66,308	<b>20.4%</b>
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	12,869	<b>25.0%</b>	6,760	<b>13.1%</b>	2,831	<b>5.5%</b>	592	<b>1.2%</b>	1,141	<b>2.2%</b>	27,236	<b>53.0%</b>
No	409,630	165,301	<b>40.4%</b>	82,031	<b>20.0%</b>	30,227	<b>7.4%</b>	5,653	<b>1.4%</b>	18,729	<b>4.6%</b>	107,690	<b>26.3%</b>
Undeclared	23,751	9,105	<b>38.3%</b>	4,603	<b>19.4%</b>	1,943	<b>8.2%</b>	217	<b>0.9%</b>	1,535	<b>6.5%</b>	6,347	<b>26.7%</b>
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	715	<b>4.6%</b>	124	<b>0.8%</b>	218	<b>1.4%</b>	62	<b>0.4%</b>	280	<b>1.8%</b>	14,057	<b>90.9%</b>
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	175,831	<b>40.0%</b>	87,757	<b>20.0%</b>	30,900	<b>7.0%</b>	5,521	<b>1.3%</b>	20,139	<b>4.6%</b>	119,190	<b>27.1%</b>
Satisfactory	22,395	6,704	<b>29.9%</b>	2,887	<b>12.9%</b>	2,116	<b>9.4%</b>	537	<b>2.4%</b>	277	<b>1.2%</b>	9,874	<b>44.1%</b>
Poor	23,077	4,740	<b>20.5%</b>	2,750	<b>11.9%</b>	1,985	<b>8.6%</b>	403	<b>1.7%</b>	988	<b>4.3%</b>	12,210	<b>52.9%</b>
<b>DWELLING OWNERSHIP</b>													
Own	404,316	163,736	<b>40.5%</b>	85,375	<b>21.1%</b>	32,761	<b>8.1%</b>	6,184	<b>1.5%</b>	17,602	<b>4.4%</b>	98,658	<b>24.4%</b>
Rent / Other	80,495	23,539	<b>29.2%</b>	8,020	<b>10.0%</b>	2,241	<b>2.8%</b>	278	<b>0.3%</b>	3,803	<b>4.7%</b>	42,615	<b>52.9%</b>



**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.11a**

**TYPE OF CLOTHES WASHING MACHINE**

	TOTAL LAUNDROMAT			TOP LOAD		FRONT LOAD		OTHER		NO UNIT	
			%		%		%		%		%
<b>OVERALL</b>	<b>484,811</b>	25,880	5.3%	234,297	48.3%	201,907	41.6%	4,338	0.9%	18,389	3.8%
<b>FUEL AREA</b>											
Winnipeg City	261,760	20,431	7.8%	120,672	46.1%	108,551	41.5%	1,223	0.5%	10,882	4.2%
Gas Available	140,021	3,337	2.4%	68,467	48.9%	62,890	44.9%	2,034	1.5%	3,293	2.4%
No Gas Available	83,030	2,112	2.5%	45,158	54.4%	30,466	36.7%	1,081	1.3%	4,213	5.1%
<b>DWELLING TYPE</b>											
Single Detached	373,568	2,310	0.6%	192,276	51.5%	168,184	45.0%	2,165	0.6%	8,633	2.3%
Multi Attached	46,834	1,089	2.3%	24,028	51.3%	17,310	37.0%	1,462	3.1%	2,944	6.3%
Apartment Suite	64,409	22,482	34.9%	17,992	27.9%	16,413	25.5%	710	1.1%	6,812	10.6%
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	369	1.0%	10,097	26.8%	26,117	69.4%	396	1.1%	666	1.8%
1990-2009	89,181	1,250	1.4%	39,169	43.9%	45,982	51.6%	1,081	1.2%	1,699	1.9%
1970-1989	161,749	7,921	4.9%	83,482	51.6%	63,099	39.0%	1,137	0.7%	6,110	3.8%
1950-1969	110,314	11,073	10.0%	54,924	49.8%	38,186	34.6%	863	0.8%	5,269	4.8%
Pre 1950	85,922	5,267	6.1%	46,625	54.3%	28,523	33.2%	862	1.0%	4,646	5.4%
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	7,284	3.8%	94,255	49.2%	78,193	40.8%	2,245	1.2%	9,662	5.0%
Natural Gas Heat	249,938	1,747	0.7%	128,904	51.6%	114,919	46.0%	861	0.3%	3,507	1.4%
Other Fuel	6,945	0	0.0%	4,716	67.9%	2,098	30.2%	0	0.0%	131	1.9%
Shared (No Heat on Bill)	36,289	16,849	46.4%	6,422	17.7%	6,697	18.5%	1,232	3.4%	5,089	14.0%
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	15,326	12.3%	66,185	53.0%	31,376	25.1%	1,722	1.4%	10,172	8.2%
Two	221,729	9,024	4.1%	111,728	50.4%	93,024	42.0%	1,957	0.9%	5,996	2.7%
Three	60,069	959	1.6%	27,114	45.1%	30,902	51.4%	124	0.2%	971	1.6%
Four	48,897	317	0.6%	18,688	38.2%	28,843	59.0%	317	0.6%	732	1.5%
Five +	29,337	255	0.9%	10,583	36.1%	17,763	60.5%	218	0.7%	518	1.8%
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	7,336	12.3%	34,605	58.2%	10,865	18.3%	1,062	1.8%	5,614	9.4%
\$25,000 - \$49,999	137,082	7,821	5.7%	76,531	55.8%	43,896	32.0%	1,812	1.3%	7,022	5.1%
\$50,000 - \$74,999	123,824	6,803	5.5%	58,607	47.3%	54,256	43.8%	1,252	1.0%	2,906	2.3%
\$75,000 - \$99,999	66,780	2,050	3.1%	27,924	41.8%	34,580	51.8%	212	0.3%	2,013	3.0%
\$100,000 +	97,644	1,871	1.9%	36,629	37.5%	58,310	59.7%	0	0.0%	834	0.9%
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	12,081	7.6%	87,605	55.1%	46,751	29.4%	2,580	1.6%	9,970	6.3%
No	325,824	13,799	4.2%	146,692	45.0%	155,156	47.6%	1,757	0.5%	8,419	2.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	3,336	6.5%	25,224	49.0%	19,098	37.1%	1,190	2.3%	2,581	5.0%
No	409,630	22,112	5.4%	196,737	48.0%	172,773	42.2%	3,148	0.8%	14,861	3.6%
Undeclared	23,751	432	1.8%	12,336	51.9%	10,036	42.3%	0	0.0%	948	4.0%
<b>FIRST NATION ON RESERVE</b>											
FIRST NATION ON RESERVE	15,456	286	1.8%	9,506	61.5%	4,072	26.3%	591	3.8%	1,002	6.5%
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	23,595	5.4%	211,053	48.0%	185,507	42.2%	3,797	0.9%	15,386	3.5%
Satisfactory	22,395	1,106	4.9%	11,105	49.6%	8,577	38.3%	124	0.6%	1,483	6.6%
Poor	23,077	1,179	5.1%	12,139	52.6%	7,823	33.9%	416	1.8%	1,520	6.6%
<b>DWELLING OWNERSHIP</b>											
Own	404,316	4,795	1.2%	202,625	50.1%	184,664	45.7%	2,376	0.6%	9,856	2.4%
Rent / Other	80,495	21,085	26.2%	31,672	39.3%	17,243	21.4%	1,961	2.4%	8,533	10.6%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.11b**  
**AVERAGE NUMBER OF CLOTHES WASHER LOADS PER WEEK**

	TOTAL	1-3		4-6		7-9		OVER 9		LAUND		NO			
			%	%	%	%	ROMAT	%	OTHER	%	UNIT	%			
<b>OVERALL</b>	<b>484,811</b>	247,800	51.1%	138,598	28.6%	37,582	7.8%	16,295	3.4%	25,880	5.3%	266	0.1%	18,389	3.8%
<b>FUEL AREA</b>															
Winnipeg City	261,760	137,233	52.4%	69,106	26.4%	17,232	6.6%	6,721	2.6%	20,431	7.8%	154	0.1%	10,882	4.2%
Gas Available	140,021	70,070	50.0%	45,823	32.7%	12,631	9.0%	4,867	3.5%	3,337	2.4%	0	0.0%	3,293	2.4%
No Gas Available	83,030	40,498	48.8%	23,669	28.5%	7,719	9.3%	4,707	5.7%	2,112	2.5%	112	0.1%	4,213	5.1%
<b>DWELLING TYPE</b>															
Single Detached	373,568	195,761	52.4%	117,639	31.5%	34,109	9.1%	15,005	4.0%	2,310	0.6%	112	0.0%	8,633	2.3%
Multi Attached	46,834	27,193	58.1%	12,970	27.7%	2,075	4.4%	407	0.9%	1,089	2.3%	154	0.3%	2,944	6.3%
Apartment Suite	64,409	24,846	38.6%	7,989	12.4%	1,398	2.2%	883	1.4%	22,482	34.9%	0	0.0%	6,812	10.6%
<b>BUILDING CODE ERA</b>															
2010-2017	37,645	20,162	53.6%	11,014	29.3%	3,487	9.3%	1,946	5.2%	369	1.0%	0	0.0%	666	1.8%
1990-2009	89,181	41,996	47.1%	30,913	34.7%	9,445	10.6%	3,878	4.3%	1,250	1.4%	0	0.0%	1,699	1.9%
1970-1989	161,749	83,824	51.8%	47,048	29.1%	11,674	7.2%	4,905	3.0%	7,921	4.9%	266	0.2%	6,110	3.8%
1950-1969	110,314	53,677	48.7%	29,122	26.4%	8,253	7.5%	2,921	2.6%	11,073	10.0%	0	0.0%	5,269	4.8%
Pre 1950	85,922	48,142	56.0%	20,501	23.9%	4,722	5.5%	2,645	3.1%	5,267	6.1%	0	0.0%	4,646	5.4%
<b>SPACE HEAT FUEL</b>															
Electric Heat	191,639	96,315	50.3%	54,985	28.7%	15,355	8.0%	7,926	4.1%	7,284	3.8%	112	0.1%	9,662	5.0%
Natural Gas Heat	249,938	138,013	55.2%	77,410	31.0%	20,932	8.4%	8,175	3.3%	1,747	0.7%	154	0.1%	3,507	1.4%
Other Fuel	6,945	3,957	57.0%	2,301	33.1%	425	6.1%	131	1.9%	0	0.0%	0	0.0%	131	1.9%
Shared (No Heat on Bill)	36,289	9,516	26.2%	3,901	10.8%	870	2.4%	63	0.2%	16,849	46.4%	0	0.0%	5,089	14.0%
<b>PEOPLE PER HOUSEHOLD</b>															
One	124,779	85,451	68.5%	11,018	8.8%	1,316	1.1%	1,230	1.0%	15,326	12.3%	266	0.2%	10,172	8.2%
Two	221,729	125,101	56.4%	69,361	31.3%	9,857	4.4%	2,390	1.1%	9,024	4.1%	0	0.0%	5,996	2.7%
Three	60,069	21,390	35.6%	27,591	45.9%	7,603	12.7%	1,555	2.6%	959	1.6%	0	0.0%	971	1.6%
Four	48,897	11,286	23.1%	21,837	44.7%	9,772	20.0%	4,952	10.1%	317	0.6%	0	0.0%	732	1.5%
Five +	29,337	4,572	15.6%	8,791	30.0%	9,033	30.8%	6,168	21.0%	255	0.9%	0	0.0%	518	1.8%
<b>HOUSEHOLD INCOME</b>															
Less Than \$25,000	59,481	32,120	54.0%	10,235	17.2%	2,035	3.4%	2,141	3.6%	7,336	12.3%	0	0.0%	5,614	9.4%
\$25,000 - \$49,999	137,082	82,543	60.2%	30,290	22.1%	6,343	4.6%	2,953	2.2%	7,821	5.7%	112	0.1%	7,022	5.1%
\$50,000 - \$74,999	123,824	62,136	50.2%	38,893	31.4%	9,702	7.8%	3,230	2.6%	6,803	5.5%	154	0.1%	2,906	2.3%
\$75,000 - \$99,999	66,780	30,950	46.3%	22,535	33.7%	6,121	9.2%	3,110	4.7%	2,050	3.1%	0	0.0%	2,013	3.0%
\$100,000 +	97,644	40,050	41.0%	36,646	37.5%	13,381	13.7%	4,861	5.0%	1,871	1.9%	0	0.0%	834	0.9%
<b>WINNIPEG LICO-125 CLASS</b>															
Yes	158,987	85,619	53.9%	35,622	22.4%	9,458	5.9%	6,125	3.9%	12,081	7.6%	112	0.1%	9,970	6.3%
No	325,824	162,181	49.8%	102,976	31.6%	28,124	8.6%	10,170	3.1%	13,799	4.2%	154	0.0%	8,419	2.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>															
Yes	51,429	19,564	38.0%	16,249	31.6%	6,605	12.8%	3,095	6.0%	3,336	6.5%	0	0.0%	2,581	5.0%
No	409,630	214,915	52.5%	115,920	28.3%	29,284	7.1%	12,273	3.0%	22,112	5.4%	266	0.1%	14,861	3.6%
Undeclared	23,751	13,321	56.1%	6,429	27.1%	1,694	7.1%	928	3.9%	432	1.8%	0	0.0%	948	4.0%
<b>FIRST NATION ON RESERVE</b>															
FIRST NATION ON RESERVE	15,456	5,011	32.4%	4,507	29.2%	2,561	16.6%	2,090	13.5%	286	1.8%	0	0.0%	1,002	6.5%
<b>BILL PAYMENT RATING</b>															
Excellent	439,339	229,533	52.2%	126,134	28.7%	31,964	7.3%	12,461	2.8%	23,595	5.4%	266	0.1%	15,386	3.5%
Satisfactory	22,395	9,909	44.2%	5,837	26.1%	2,372	10.6%	1,688	7.5%	1,106	4.9%	0	0.0%	1,483	6.6%
Poor	23,077	8,358	36.2%	6,628	28.7%	3,246	14.1%	2,145	9.3%	1,179	5.1%	0	0.0%	1,520	6.6%
<b>DWELLING OWNERSHIP</b>															
Own	404,316	217,883	53.9%	124,998	30.9%	33,676	8.3%	12,842	3.2%	4,795	1.2%	266	0.1%	9,856	2.4%
Rent / Other	80,495	29,918	37.2%	13,601	16.9%	3,905	4.9%	3,453	4.3%	21,085	26.2%	0	0.0%	8,533	10.6%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.11c**  
**AGE (YEARS) OF CLOTHES WASHING MACHINE**

	AVERAGE		0-3		4-6		7-9		10-20		OVER		LAUND		NO	
	TOTAL	AGE	YRS	%	YRS	%	YRS	%	YRS	%	20 YRS	%	ROMAT	%	UNIT	%
<b>OVERALL</b>	<b>484,811</b>	<b>10.0</b>	93,869	19.4%	96,316	19.9%	75,344	15.5%	123,737	25.5%	51,275	10.6%	25,880	5.3%	18,389	3.8%
<b>FUEL AREA</b>																
Winnipeg City	261,760	10.5	46,022	17.6%	51,053	19.5%	37,082	14.2%	64,547	24.7%	31,743	12.1%	20,431	7.8%	10,882	4.2%
Gas Available	140,021	9.3	31,803	22.7%	28,601	20.4%	24,659	17.6%	36,297	25.9%	12,030	8.6%	3,337	2.4%	3,293	2.4%
No Gas Available	83,030	9.7	16,043	19.3%	16,662	20.1%	13,603	16.4%	22,893	27.6%	7,503	9.0%	2,112	2.5%	4,213	5.1%
<b>DWELLING TYPE</b>																
Single Detached	373,568	9.9	72,743	19.5%	79,094	21.2%	66,048	17.7%	107,182	28.7%	37,558	10.1%	2,310	0.6%	8,633	2.3%
Multi Attached	46,834	10.8	11,034	23.6%	9,133	19.5%	4,999	10.7%	10,170	21.7%	7,465	15.9%	1,089	2.3%	2,944	6.3%
Apartment Suite	64,409	10.4	10,092	15.7%	8,088	12.6%	4,298	6.7%	6,384	9.9%	6,253	9.7%	22,482	34.9%	6,812	10.6%
<b>BUILDING CODE ERA</b>																
2010-2017	37,645	4.1	18,824	50.0%	12,487	33.2%	4,138	11.0%	1,029	2.7%	131	0.3%	369	1.0%	666	1.8%
1990-2009	89,181	9.4	16,878	18.9%	16,409	18.4%	16,970	19.0%	30,498	34.2%	5,478	6.1%	1,250	1.4%	1,699	1.9%
1970-1989	161,749	10.6	28,192	17.4%	31,656	19.6%	25,914	16.0%	41,131	25.4%	20,825	12.9%	7,921	4.9%	6,110	3.8%
1950-1969	110,314	10.8	16,453	14.9%	19,707	17.9%	15,990	14.5%	29,114	26.4%	12,708	11.5%	11,073	10.0%	5,269	4.8%
Pre 1950	85,922	11.2	13,523	15.7%	16,057	18.7%	12,332	14.4%	21,965	25.6%	12,133	14.1%	5,267	6.1%	4,646	5.4%
<b>SPACE HEAT FUEL</b>																
Electric Heat	191,639	9.3	42,434	22.1%	39,572	20.6%	29,803	15.6%	46,050	24.0%	16,834	8.8%	7,284	3.8%	9,662	5.0%
Natural Gas Heat	249,938	10.3	47,209	18.9%	52,571	21.0%	41,873	16.8%	73,833	29.5%	29,198	11.7%	1,747	0.7%	3,507	1.4%
Other Fuel	6,945	8.7	1,111	16.0%	1,702	24.5%	2,508	36.1%	731	10.5%	762	11.0%	0	0.0%	131	1.9%
Shared (No Heat on Bill)	36,289	13.8	3,115	8.6%	2,471	6.8%	1,160	3.2%	3,123	8.6%	4,481	12.3%	16,849	46.4%	5,089	14.0%
<b>PEOPLE PER HOUSEHOLD</b>																
One	124,779	12.1	16,278	13.0%	16,151	12.9%	16,137	12.9%	33,092	26.5%	17,624	14.1%	15,326	12.3%	10,172	8.2%
Two	221,729	9.7	43,134	19.5%	47,176	21.3%	34,156	15.4%	61,148	27.6%	21,095	9.5%	9,024	4.1%	5,996	2.7%
Three	60,069	9.5	13,111	21.8%	13,607	22.7%	11,827	19.7%	13,190	22.0%	6,405	10.7%	959	1.6%	971	1.6%
Four	48,897	8.3	12,372	25.3%	11,928	24.4%	9,382	19.2%	10,589	21.7%	3,576	7.3%	317	0.6%	732	1.5%
Five +	29,337	8.3	8,974	30.6%	7,454	25.4%	3,842	13.1%	5,719	19.5%	2,575	8.8%	255	0.9%	518	1.8%
<b>HOUSEHOLD INCOME</b>																
Less Than \$25,000	59,481	12.3	8,365	14.1%	8,411	14.1%	6,325	10.6%	14,281	24.0%	9,150	15.4%	7,336	12.3%	5,614	9.4%
\$25,000 - \$49,999	137,082	10.7	22,839	16.7%	25,233	18.4%	20,543	15.0%	37,489	27.3%	16,136	11.8%	7,821	5.7%	7,022	5.1%
\$50,000 - \$74,999	123,824	9.8	25,339	20.5%	23,816	19.2%	19,228	15.5%	33,048	26.7%	12,684	10.2%	6,803	5.5%	2,906	2.3%
\$75,000 - \$99,999	66,780	8.7	16,810	25.2%	14,716	22.0%	10,729	16.1%	15,368	23.0%	5,094	7.6%	2,050	3.1%	2,013	3.0%
\$100,000 +	97,644	9.0	20,517	21.0%	24,141	24.7%	18,519	19.0%	23,551	24.1%	8,212	8.4%	1,871	1.9%	834	0.9%
<b>WINNIPEG LICO-125 CLASS</b>																
Yes	158,987	11.0	26,818	16.9%	27,987	17.6%	21,109	13.3%	39,948	25.1%	21,073	13.3%	12,081	7.6%	9,970	6.3%
No	325,824	9.5	67,050	20.6%	68,329	21.0%	54,235	16.6%	83,789	25.7%	30,202	9.3%	13,799	4.2%	8,419	2.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>																
Yes	51,429	8.9	10,238	19.9%	12,889	25.1%	7,615	14.8%	10,744	20.9%	4,025	7.8%	3,336	6.5%	2,581	5.0%
No	409,630	10.1	78,797	19.2%	78,871	19.3%	63,826	15.6%	107,062	26.1%	44,102	10.8%	22,112	5.4%	14,861	3.6%
Undeclared	23,751	10.4	4,833	20.3%	4,557	19.2%	3,903	16.4%	5,931	25.0%	3,148	13.3%	432	1.8%	948	4.0%
<b>FIRST NATION ON RESERVE</b>																
FIRST NATION ON RESERVE	15,456	8.8	3,643	23.6%	3,276	21.2%	2,380	15.4%	3,651	23.6%	1,218	7.9%	286	1.8%	1,002	6.5%
<b>BILL PAYMENT RATING</b>																
Excellent	439,339	10.0	84,708	19.3%	87,922	20.0%	68,299	15.5%	113,127	25.7%	46,301	10.5%	23,595	5.4%	15,386	3.5%
Satisfactory	22,395	10.3	4,220	18.8%	4,061	18.1%	3,049	13.6%	5,908	26.4%	2,567	11.5%	1,106	4.9%	1,483	6.6%
Poor	23,077	9.6	4,940	21.4%	4,333	18.8%	3,996	17.3%	4,701	20.4%	2,407	10.4%	1,179	5.1%	1,520	6.6%
<b>DWELLING OWNERSHIP</b>																
Own	404,316	9.9	78,702	19.5%	85,167	21.1%	70,052	17.3%	114,066	28.2%	41,677	10.3%	4,795	1.2%	9,856	2.4%
Rent / Other	80,495	10.6	15,167	18.8%	11,149	13.9%	5,292	6.6%	9,670	12.0%	9,598	11.9%	21,085	26.2%	8,533	10.6%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.12a**  
**TYPE OF FUEL USED FOR CLOTHES DRYER**

	NATURAL											
	TOTAL	ELECTRIC	%	GAS	%	PROPANE	%	LAUNDROMAT	%	NO UNIT	%	
<b>OVERALL</b>	<b>484,811</b>	424,768	87.6%	13,881	2.9%	1,490	0.3%	25,880	5.3%	18,791	3.9%	
<b>FUEL AREA</b>												
Winnipeg City	261,760	218,072	83.3%	10,637	4.1%	1,095	0.4%	20,431	7.8%	11,526	4.4%	
Gas Available	140,021	130,552	93.2%	3,244	2.3%	252	0.2%	3,337	2.4%	2,635	1.9%	
No Gas Available	83,030	76,144	91.7%	0	0.0%	143	0.2%	2,112	2.5%	4,631	5.6%	
<b>DWELLING TYPE</b>												
Single Detached	373,568	348,437	93.3%	13,573	3.6%	243	0.1%	2,310	0.6%	9,006	2.4%	
Multi Attached	46,834	41,740	89.1%	309	0.7%	596	1.3%	1,089	2.3%	3,101	6.6%	
Apartment Suite	64,409	34,592	53.7%	0	0.0%	651	1.0%	22,482	34.9%	6,684	10.4%	
<b>BUILDING CODE ERA</b>												
2010-2017	37,645	36,360	96.6%	103	0.3%	326	0.9%	369	1.0%	488	1.3%	
1990-2009	89,181	84,260	94.5%	1,419	1.6%	284	0.3%	1,250	1.4%	1,969	2.2%	
1970-1989	161,749	143,458	88.7%	3,115	1.9%	437	0.3%	7,921	4.9%	6,817	4.2%	
1950-1969	110,314	88,775	80.5%	5,839	5.3%	0	0.0%	11,073	10.0%	4,628	4.2%	
Pre 1950	85,922	71,916	83.7%	3,406	4.0%	444	0.5%	5,267	6.1%	4,889	5.7%	
<b>SPACE HEAT FUEL</b>												
Electric Heat	191,639	173,607	90.6%	168	0.1%	1,046	0.5%	7,284	3.8%	9,533	5.0%	
Natural Gas Heat	249,938	230,487	92.2%	13,713	5.5%	0	0.0%	1,747	0.7%	3,990	1.6%	
Other Fuel	6,945	6,476	93.3%	0	0.0%	0	0.0%	0	0.0%	469	6.7%	
Shared (No Heat on Bill)	36,289	14,197	39.1%	0	0.0%	444	1.2%	16,849	46.4%	4,799	13.2%	
<b>PEOPLE PER HOUSEHOLD</b>												
One	124,779	96,038	77.0%	2,240	1.8%	426	0.3%	15,326	12.3%	10,750	8.6%	
Two	221,729	197,808	89.2%	8,300	3.7%	1,033	0.5%	9,024	4.1%	5,564	2.5%	
Three	60,069	56,691	94.4%	1,694	2.8%	0	0.0%	959	1.6%	726	1.2%	
Four	48,897	45,996	94.1%	1,111	2.3%	0	0.0%	317	0.6%	1,472	3.0%	
Five +	29,337	28,235	96.2%	537	1.8%	31	0.1%	255	0.9%	279	0.9%	
<b>HOUSEHOLD INCOME</b>												
Less Than \$25,000	59,481	45,840	77.1%	664	1.1%	143	0.2%	7,336	12.3%	5,499	9.2%	
\$25,000 - \$49,999	137,082	117,128	85.4%	4,641	3.4%	640	0.5%	7,821	5.7%	6,852	5.0%	
\$50,000 - \$74,999	123,824	109,632	88.5%	3,587	2.9%	0	0.0%	6,803	5.5%	3,802	3.1%	
\$75,000 - \$99,999	66,780	60,464	90.5%	2,364	3.5%	263	0.4%	2,050	3.1%	1,638	2.5%	
\$100,000 +	97,644	91,704	93.9%	2,626	2.7%	444	0.5%	1,871	1.9%	1,000	1.0%	
<b>WINNIPEG LICO-125 CLASS</b>												
Yes	158,987	132,773	83.5%	3,856	2.4%	620	0.4%	12,081	7.6%	9,657	6.1%	
No	325,824	291,995	89.6%	10,025	3.1%	870	0.3%	13,799	4.2%	9,134	2.8%	
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>												
Yes	51,429	44,683	86.9%	574	1.1%	305	0.6%	3,336	6.5%	2,531	4.9%	
No	409,630	359,074	87.7%	12,100	3.0%	1,184	0.3%	22,112	5.4%	15,160	3.7%	
Undeclared	23,751	21,011	88.5%	1,207	5.1%	0	0.0%	432	1.8%	1,101	4.6%	
<b>FIRST NATION ON RESERVE</b>												
FIRST NATION ON RESERVE	15,456	13,996	90.6%	0	0.0%	31	0.2%	286	1.8%	1,143	7.4%	
<b>BILL PAYMENT RATING</b>												
Excellent	439,339	385,907	87.8%	12,833	2.9%	1,144	0.3%	23,595	5.4%	15,859	3.6%	
Satisfactory	22,395	18,964	84.7%	562	2.5%	183	0.8%	1,106	4.9%	1,580	7.1%	
Poor	23,077	19,897	86.2%	486	2.1%	163	0.7%	1,179	5.1%	1,352	5.9%	
<b>DWELLING OWNERSHIP</b>												
Own	404,316	373,718	92.4%	13,664	3.4%	981	0.2%	4,795	1.2%	11,158	2.8%	
Rent / Other	80,495	51,050	63.4%	217	0.3%	509	0.6%	21,085	26.2%	7,634	9.5%	

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.12b**  
**AVERAGE NUMBER OF CLOTHES DRYER LOADS PER WEEK**

	TOTAL	1-3	%	4-6	%	7-9	%	OVER 9	%	LAUND ROMAT	%	OTHER	%	NO UNIT	%
<b>OVERALL</b>	<b>484,811</b>	248,156	51.2%	135,717	28.0%	40,861	8.4%	14,849	3.1%	25,880	5.3%	556	0.1%	18,791	3.9%
<b>FUEL AREA</b>															
Winnipeg City	261,760	137,079	52.4%	67,740	25.9%	18,604	7.1%	5,936	2.3%	20,431	7.8%	444	0.2%	11,526	4.4%
Gas Available	140,021	71,004	50.7%	44,856	32.0%	13,828	9.9%	4,361	3.1%	3,337	2.4%	0	0.0%	2,635	1.9%
No Gas Available	83,030	40,073	48.3%	23,121	27.8%	8,430	10.2%	4,551	5.5%	2,112	2.5%	112	0.1%	4,631	5.6%
<b>DWELLING TYPE</b>															
Single Detached	373,568	196,241	52.5%	115,195	30.8%	36,820	9.9%	13,885	3.7%	2,310	0.6%	112	0.0%	9,006	2.4%
Multi Attached	46,834	26,542	56.7%	12,897	27.5%	2,644	5.6%	407	0.9%	1,089	2.3%	154	0.3%	3,101	6.6%
Apartment Suite	64,409	25,373	39.4%	7,625	11.8%	1,398	2.2%	557	0.9%	22,482	34.9%	290	0.5%	6,684	10.4%
<b>BUILDING CODE ERA</b>															
2010-2017	37,645	20,363	54.1%	10,947	29.1%	3,580	9.5%	1,898	5.0%	369	1.0%	0	0.0%	488	1.3%
1990-2009	89,181	41,612	46.7%	30,734	34.5%	9,963	11.2%	3,653	4.1%	1,250	1.4%	0	0.0%	1,969	2.2%
1970-1989	161,749	83,852	51.8%	45,961	28.4%	12,652	7.8%	4,279	2.6%	7,921	4.9%	266	0.2%	6,817	4.2%
1950-1969	110,314	53,978	48.9%	28,733	26.0%	8,680	7.9%	2,933	2.7%	11,073	10.0%	290	0.3%	4,628	4.2%
Pre 1950	85,922	48,352	56.3%	19,342	22.5%	5,986	7.0%	2,086	2.4%	5,267	6.1%	0	0.0%	4,889	5.7%
<b>SPACE HEAT FUEL</b>															
Electric Heat	191,639	97,151	50.7%	53,641	28.0%	16,775	8.8%	7,144	3.7%	7,284	3.8%	112	0.1%	9,533	5.0%
Natural Gas Heat	249,938	137,870	55.2%	76,211	30.5%	22,454	9.0%	7,511	3.0%	1,747	0.7%	154	0.1%	3,990	1.6%
Other Fuel	6,945	3,619	52.1%	1,964	28.3%	762	11.0%	131	1.9%	0	0.0%	0	0.0%	469	6.7%
Shared (No Heat on Bill)	36,289	9,516	26.2%	3,901	10.8%	870	2.4%	63	0.2%	16,849	46.4%	290	0.8%	4,799	13.2%
<b>PEOPLE PER HOUSEHOLD</b>															
One	124,779	84,483	67.7%	11,138	8.9%	1,378	1.1%	1,149	0.9%	15,326	12.3%	556	0.4%	10,750	8.6%
Two	221,729	124,766	56.3%	67,444	30.4%	13,105	5.9%	1,825	0.8%	9,024	4.1%	0	0.0%	5,564	2.5%
Three	60,069	22,749	37.9%	25,971	43.2%	7,765	12.9%	1,900	3.2%	959	1.6%	0	0.0%	726	1.2%
Four	48,897	11,944	24.4%	21,641	44.3%	9,421	19.3%	4,102	8.4%	317	0.6%	0	0.0%	1,472	3.0%
Five +	29,337	4,215	14.4%	9,523	32.5%	9,191	31.3%	5,874	20.0%	255	0.9%	0	0.0%	279	0.9%
<b>HOUSEHOLD INCOME</b>															
Less Than \$25,000	59,481	31,791	53.4%	9,863	16.6%	2,945	5.0%	2,048	3.4%	7,336	12.3%	0	0.0%	5,499	9.2%
\$25,000 - \$49,999	137,082	82,652	60.3%	29,320	21.4%	7,224	5.3%	2,812	2.1%	7,821	5.7%	402	0.3%	6,852	5.0%
\$50,000 - \$74,999	123,824	61,171	49.4%	39,233	31.7%	10,152	8.2%	2,507	2.0%	6,803	5.5%	154	0.1%	3,802	3.1%
\$75,000 - \$99,999	66,780	31,506	47.2%	22,225	33.3%	6,554	9.8%	2,807	4.2%	2,050	3.1%	0	0.0%	1,638	2.5%
\$100,000 +	97,644	41,036	42.0%	35,076	35.9%	13,986	14.3%	4,675	4.8%	1,871	1.9%	0	0.0%	1,000	1.0%
<b>WINNIPEG LICO-125 CLASS</b>															
Yes	158,987	85,781	54.0%	34,758	21.9%	10,786	6.8%	5,522	3.5%	12,081	7.6%	402	0.3%	9,657	6.1%
No	325,824	162,375	49.8%	100,959	31.0%	30,075	9.2%	9,327	2.9%	13,799	4.2%	154	0.0%	9,134	2.8%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>															
Yes	51,429	19,430	37.8%	16,198	31.5%	7,193	14.0%	2,741	5.3%	3,336	6.5%	0	0.0%	2,531	4.9%
No	409,630	215,703	52.7%	112,811	27.5%	32,077	7.8%	11,212	2.7%	22,112	5.4%	556	0.1%	15,160	3.7%
Undeclared	23,751	13,023	54.8%	6,708	28.2%	1,591	6.7%	896	3.8%	432	1.8%	0	0.0%	1,101	4.6%
<b>FIRST NATION ON RESERVE</b>															
FIRST NATION ON RESERVE	15,456	4,564	29.5%	4,563	29.5%	2,934	19.0%	1,965	12.7%	286	1.8%	0	0.0%	1,143	7.4%
<b>BILL PAYMENT RATING</b>															
Excellent	439,339	229,791	52.3%	123,785	28.2%	34,604	7.9%	11,149	2.5%	23,595	5.4%	556	0.1%	15,859	3.6%
Satisfactory	22,395	9,988	44.6%	5,598	25.0%	2,599	11.6%	1,524	6.8%	1,106	4.9%	0	0.0%	1,580	7.1%
Poor	23,077	8,377	36.3%	6,334	27.4%	3,658	15.9%	2,176	9.4%	1,179	5.1%	0	0.0%	1,352	5.9%
<b>DWELLING OWNERSHIP</b>															
Own	404,316	218,060	53.9%	122,151	30.2%	36,172	8.9%	11,714	2.9%	4,795	1.2%	266	0.1%	11,158	2.8%
Rent / Other	80,495	30,096	37.4%	13,566	16.9%	4,689	5.8%	3,135	3.9%	21,085	26.2%	290	0.4%	7,634	9.5%

**2017 RESIDENTIAL SURVEY SECTION 5 - MAJOR APPLIANCES - REFERENCE TABLE 5.12c**  
**AGE (YEARS) OF CLOTHES DRYER**

	TOTAL	AVERAGE AGE	0-3		4-6		7-9		10-20		OVER 20 YRS		LAUND ROMAT		NO UNIT	
			YRS	%	YRS	%	YRS	%	YRS	%	YRS	%	YRS	%	YRS	%
<b>OVERALL</b>	<b>484,811</b>	<b>10.5</b>	79,879	16.5%	92,805	19.1%	76,872	15.9%	137,274	28.3%	53,309	11.0%	25,880	5.3%	18,791	3.9%
<b>FUEL AREA</b>																
Winnipeg City	261,760	11.0	40,709	15.6%	48,207	18.4%	37,913	14.5%	70,287	26.9%	32,688	12.5%	20,431	7.8%	11,526	4.4%
Gas Available	140,021	9.8	26,128	18.7%	28,795	20.6%	25,362	18.1%	40,979	29.3%	12,784	9.1%	3,337	2.4%	2,635	1.9%
No Gas Available	83,030	10.3	13,042	15.7%	15,802	19.0%	13,598	16.4%	26,008	31.3%	7,837	9.4%	2,112	2.5%	4,631	5.6%
<b>DWELLING TYPE</b>																
Single Detached	373,568	10.4	60,592	16.2%	75,785	20.3%	66,680	17.8%	119,715	32.0%	39,481	10.6%	2,310	0.6%	9,006	2.4%
Multi Attached	46,834	11.3	9,722	20.8%	8,951	19.1%	5,531	11.8%	10,738	22.9%	7,703	16.4%	1,089	2.3%	3,101	6.6%
Apartment Suite	64,409	10.4	9,565	14.9%	8,069	12.5%	4,662	7.2%	6,821	10.6%	6,126	9.5%	22,482	34.9%	6,684	10.4%
<b>BUILDING CODE ERA</b>																
2010-2017	37,645	4.2	18,573	49.3%	12,435	33.0%	4,256	11.3%	1,341	3.6%	183	0.5%	369	1.0%	488	1.3%
1990-2009	89,181	9.9	14,144	15.9%	16,077	18.0%	16,633	18.7%	33,540	37.6%	5,570	6.2%	1,250	1.4%	1,969	2.2%
1970-1989	161,749	11.2	23,121	14.3%	30,690	19.0%	26,850	16.6%	44,349	27.4%	22,001	13.6%	7,921	4.9%	6,817	4.2%
1950-1969	110,314	11.4	13,343	12.1%	18,987	17.2%	16,092	14.6%	32,743	29.7%	13,449	12.2%	11,073	10.0%	4,628	4.2%
Pre 1950	85,922	11.7	10,699	12.5%	14,616	17.0%	13,041	15.2%	25,301	29.4%	12,107	14.1%	5,267	6.1%	4,889	5.7%
<b>SPACE HEAT FUEL</b>																
Electric Heat	191,639	9.9	35,133	18.3%	38,339	20.0%	31,615	16.5%	51,649	27.0%	18,086	9.4%	7,284	3.8%	9,533	5.0%
Natural Gas Heat	249,938	10.7	40,945	16.4%	51,108	20.4%	42,245	16.9%	79,632	31.9%	30,270	12.1%	1,747	0.7%	3,990	1.6%
Other Fuel	6,945	10.8	687	9.9%	1,187	17.1%	1,408	20.3%	2,433	35.0%	762	11.0%	0	0.0%	469	6.7%
Shared (No Heat on Bill)	36,289	13.6	3,115	8.6%	2,171	6.0%	1,604	4.4%	3,560	9.8%	4,191	11.5%	16,849	46.4%	4,799	13.2%
<b>PEOPLE PER HOUSEHOLD</b>																
One	124,779	12.4	13,943	11.2%	15,827	12.7%	15,298	12.3%	36,334	29.1%	17,301	13.9%	15,326	12.3%	10,750	8.6%
Two	221,729	10.3	36,151	16.3%	45,239	20.4%	36,546	16.5%	66,585	30.0%	22,620	10.2%	9,024	4.1%	5,564	2.5%
Three	60,069	10.1	12,464	20.7%	12,768	21.3%	10,752	17.9%	15,583	25.9%	6,817	11.3%	959	1.6%	726	1.2%
Four	48,897	9.0	9,675	19.8%	11,683	23.9%	9,766	20.0%	12,056	24.7%	3,927	8.0%	317	0.6%	1,472	3.0%
Five +	29,337	8.8	7,647	26.1%	7,287	24.8%	4,509	15.4%	6,715	22.9%	2,644	9.0%	255	0.9%	279	0.9%
<b>HOUSEHOLD INCOME</b>																
Less Than \$25,000	59,481	12.8	7,357	12.4%	8,191	13.8%	5,002	8.4%	17,032	28.6%	9,065	15.2%	7,336	12.3%	5,499	9.2%
\$25,000 - \$49,999	137,082	11.2	18,642	13.6%	24,033	17.5%	22,720	16.6%	40,612	29.6%	16,401	12.0%	7,821	5.7%	6,852	5.0%
\$50,000 - \$74,999	123,824	10.2	23,519	19.0%	22,352	18.1%	18,725	15.1%	35,233	28.5%	13,390	10.8%	6,803	5.5%	3,802	3.1%
\$75,000 - \$99,999	66,780	9.5	13,394	20.1%	14,315	21.4%	11,459	17.2%	18,283	27.4%	5,641	8.4%	2,050	3.1%	1,638	2.5%
\$100,000 +	97,644	9.5	16,968	17.4%	23,914	24.5%	18,966	19.4%	26,113	26.7%	8,813	9.0%	1,871	1.9%	1,000	1.0%
<b>WINNIPEG LICO-125 CLASS</b>																
Yes	158,987	11.5	22,403	14.1%	26,283	16.5%	22,143	13.9%	45,435	28.6%	20,984	13.2%	12,081	7.6%	9,657	6.1%
No	325,824	10.0	57,476	17.6%	66,521	20.4%	54,729	16.8%	91,839	28.2%	32,325	9.9%	13,799	4.2%	9,134	2.8%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>																
Yes	51,429	9.3	9,817	19.1%	11,683	22.7%	7,743	15.1%	11,933	23.2%	4,386	8.5%	3,336	6.5%	2,531	4.9%
No	409,630	10.7	65,708	16.0%	76,107	18.6%	65,312	15.9%	119,066	29.1%	46,165	11.3%	22,112	5.4%	15,160	3.7%
Undeclared	23,751	10.4	4,354	18.3%	5,015	21.1%	3,817	16.1%	6,275	26.4%	2,758	11.6%	432	1.8%	1,101	4.6%
<b>FIRST NATION ON RESERVE</b>																
FIRST NATION ON RESERVE	15,456	8.9	3,326	21.5%	3,369	21.8%	2,312	15.0%	3,962	25.6%	1,057	6.8%	286	1.8%	1,143	7.4%
<b>BILL PAYMENT RATING</b>																
Excellent	439,339	10.5	71,506	16.3%	84,823	19.3%	70,321	16.0%	124,836	28.4%	48,399	11.0%	23,595	5.4%	15,859	3.6%
Satisfactory	22,395	10.9	3,504	15.6%	3,917	17.5%	2,985	13.3%	6,669	29.8%	2,633	11.8%	1,106	4.9%	1,580	7.1%
Poor	23,077	9.9	4,869	21.1%	4,065	17.6%	3,566	15.5%	5,769	25.0%	2,277	9.9%	1,179	5.1%	1,352	5.9%
<b>DWELLING OWNERSHIP</b>																
Own	404,316	10.4	66,122	16.4%	81,193	20.1%	71,021	17.6%	126,541	31.3%	43,487	10.8%	4,795	1.2%	11,158	2.8%
Rent / Other	80,495	11.0	13,757	17.1%	11,612	14.4%	5,852	7.3%	10,733	13.3%	9,822	12.2%	21,085	26.2%	7,634	9.5%

# **SECTION 6**

## **ELECTRONICS AND LIGHTING**



**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.01a  
NUMBER OF TELEVISIONS IN USE**

	TOTAL	NONE	%	ONE	%	TWO	%	THREE	%	FOUR	%	FIVE +	%
<b>OVERALL</b>	484,811	23,425	4.8%	160,424	33.1%	177,445	36.6%	86,595	17.9%	25,687	5.3%	11,234	2.3%
<b>FUEL AREA</b>													
Winnipeg City	261,760	11,965	4.6%	78,167	29.9%	98,207	37.5%	50,367	19.2%	15,379	5.9%	7,675	2.9%
Gas Available	140,021	7,753	5.5%	50,145	35.8%	47,476	33.9%	24,872	17.8%	6,874	4.9%	2,901	2.1%
No Gas Available	83,030	3,706	4.5%	32,112	38.7%	31,762	38.3%	11,357	13.7%	3,434	4.1%	658	0.8%
<b>DWELLING TYPE</b>													
Single Detached	373,568	14,052	3.8%	112,183	30.0%	139,128	37.2%	74,792	20.0%	23,772	6.4%	9,642	2.6%
Multi Attached	46,834	3,064	6.5%	16,232	34.7%	17,113	36.5%	7,803	16.7%	1,609	3.4%	1,012	2.2%
Apartment Suite	64,409	6,308	9.8%	32,010	49.7%	21,205	32.9%	4,000	6.2%	306	0.5%	580	0.9%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	1,737	4.6%	13,147	34.9%	11,211	29.8%	8,039	21.4%	2,259	6.0%	1,252	3.3%
1990-2009	89,181	3,251	3.6%	27,384	30.7%	31,040	34.8%	17,677	19.8%	7,372	8.3%	2,458	2.8%
1970-1989	161,749	5,208	3.2%	47,938	29.6%	63,689	39.4%	33,825	20.9%	7,796	4.8%	3,293	2.0%
1950-1969	110,314	5,010	4.5%	37,791	34.3%	40,600	36.8%	18,465	16.7%	5,408	4.9%	3,041	2.8%
Pre 1950	85,922	8,219	9.6%	34,164	39.8%	30,906	36.0%	8,589	10.0%	2,852	3.3%	1,191	1.4%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	8,949	4.7%	77,392	40.4%	70,963	37.0%	25,684	13.4%	6,677	3.5%	1,974	1.0%
Natural Gas Heat	249,938	7,824	3.1%	64,206	25.7%	92,821	37.1%	58,689	23.5%	18,161	7.3%	8,237	3.3%
Other Fuel	6,945	1,318	19.0%	1,917	27.6%	3,110	44.8%	337	4.9%	262	3.8%	0	0.0%
Shared (No Heat on Bill)	36,289	5,334	14.7%	16,909	46.6%	10,550	29.1%	1,884	5.2%	587	1.6%	1,024	2.8%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	10,299	8.3%	64,506	51.7%	36,791	29.5%	11,511	9.2%	1,051	0.8%	622	0.5%
Two	221,729	8,260	3.7%	67,198	30.3%	93,249	42.1%	39,719	17.9%	9,710	4.4%	3,592	1.6%
Three	60,069	2,398	4.0%	12,871	21.4%	21,293	35.4%	16,209	27.0%	5,774	9.6%	1,524	2.5%
Four	48,897	1,374	2.8%	10,497	21.5%	15,956	32.6%	12,442	25.4%	6,226	12.7%	2,402	4.9%
Five +	29,337	1,094	3.7%	5,352	18.2%	10,156	34.6%	6,715	22.9%	2,926	10.0%	3,094	10.5%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	4,345	7.3%	29,299	49.3%	16,626	28.0%	6,903	11.6%	1,759	3.0%	549	0.9%
\$25,000 - \$49,999	137,082	7,516	5.5%	51,361	37.5%	55,159	40.2%	18,354	13.4%	3,196	2.3%	1,497	1.1%
\$50,000 - \$74,999	123,824	5,907	4.8%	39,715	32.1%	48,698	39.3%	21,337	17.2%	6,000	4.8%	2,167	1.8%
\$75,000 - \$99,999	66,780	2,460	3.7%	18,233	27.3%	23,707	35.5%	15,849	23.7%	4,525	6.8%	2,006	3.0%
\$100,000 +	97,644	3,197	3.3%	21,816	22.3%	33,255	34.1%	24,153	24.7%	10,208	10.5%	5,015	5.1%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	9,768	6.1%	63,338	39.8%	56,662	35.6%	21,583	13.6%	5,006	3.1%	2,630	1.7%
No	325,824	13,657	4.2%	97,086	29.8%	120,783	37.1%	65,012	20.0%	20,682	6.3%	8,604	2.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	1,275	2.5%	13,975	27.2%	21,340	41.5%	9,861	19.2%	3,645	7.1%	1,333	2.6%
No	409,630	20,686	5.1%	140,022	34.2%	146,062	35.7%	72,529	17.7%	20,814	5.1%	9,518	2.3%
Undeclared	23,751	1,463	6.2%	6,427	27.1%	10,043	42.3%	4,206	17.7%	1,228	5.2%	384	1.6%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	497	3.2%	4,402	28.5%	5,657	36.6%	2,767	17.9%	1,697	11.0%	435	2.8%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	21,572	4.9%	144,500	32.9%	161,892	36.8%	79,618	18.1%	21,836	5.0%	9,921	2.3%
Satisfactory	22,395	701	3.1%	8,806	39.3%	7,723	34.5%	3,045	13.6%	1,484	6.6%	636	2.8%
Poor	23,077	1,152	5.0%	7,118	30.8%	7,830	33.9%	3,933	17.0%	2,367	10.3%	677	2.9%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	16,067	4.0%	123,448	30.5%	152,710	37.8%	78,254	19.4%	23,548	5.8%	10,290	2.5%
Rent / Other	80,495	7,358	9.1%	36,976	45.9%	24,735	30.7%	8,342	10.4%	2,139	2.7%	945	1.2%



**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.01b  
NUMBER OF SET-TOP BOXES IN USE**

	TOTAL	NONE	%	ONE	%	TWO	%	THREE	%	FOUR	%	FIVE +	%
<b>OVERALL</b>	484,811	23,425	4.8%	183,943	37.9%	169,716	35.0%	104,103	21.5%	1,179	0.2%	2,445	0.5%
<b>FUEL AREA</b>													
Winnipeg City	261,760	11,965	4.6%	92,630	35.4%	92,600	35.4%	61,581	23.5%	1,148	0.4%	1,836	0.7%
Gas Available	140,021	7,753	5.5%	55,178	39.4%	47,490	33.9%	28,991	20.7%	0	0.0%	609	0.4%
No Gas Available	83,030	3,706	4.5%	36,135	43.5%	29,627	35.7%	13,531	16.3%	31	0.0%	0	0.0%
<b>DWELLING TYPE</b>													
Single Detached	373,568	14,052	3.8%	130,140	34.8%	134,500	36.0%	91,252	24.4%	1,179	0.3%	2,445	0.7%
Multi Attached	46,834	3,064	6.5%	19,127	40.8%	16,062	34.3%	8,580	18.3%	0	0.0%	0	0.0%
Apartment Suite	64,409	6,308	9.8%	34,677	53.8%	19,154	29.7%	4,271	6.6%	0	0.0%	0	0.0%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	1,737	4.6%	14,953	39.7%	11,347	30.1%	9,118	24.2%	261	0.7%	230	0.6%
1990-2009	89,181	3,251	3.6%	30,039	33.7%	31,077	34.8%	23,820	26.7%	459	0.5%	535	0.6%
1970-1989	161,749	5,208	3.2%	56,756	35.1%	60,308	37.3%	38,370	23.7%	115	0.1%	992	0.6%
1950-1969	110,314	5,010	4.5%	43,966	39.9%	38,172	34.6%	22,363	20.3%	230	0.2%	574	0.5%
Pre 1950	85,922	8,219	9.6%	38,229	44.5%	28,812	33.5%	10,432	12.1%	115	0.1%	115	0.1%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	8,949	4.7%	84,808	44.3%	68,848	35.9%	28,702	15.0%	31	0.0%	301	0.2%
Natural Gas Heat	249,938	7,824	3.1%	77,668	31.1%	89,558	35.8%	71,596	28.6%	1,148	0.5%	2,144	0.9%
Other Fuel	6,945	1,318	19.0%	2,520	36.3%	2,508	36.1%	600	8.6%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	5,334	14.7%	18,947	52.2%	8,803	24.3%	3,205	8.8%	0	0.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	10,299	8.3%	69,198	55.5%	33,739	27.0%	11,429	9.2%	0	0.0%	115	0.1%
Two	221,729	8,260	3.7%	76,606	34.5%	89,068	40.2%	46,791	21.1%	230	0.1%	775	0.3%
Three	60,069	2,398	4.0%	16,553	27.6%	20,678	34.4%	19,535	32.5%	459	0.8%	447	0.7%
Four	48,897	1,374	2.8%	13,818	28.3%	16,002	32.7%	16,694	34.1%	230	0.5%	779	1.6%
Five +	29,337	1,094	3.7%	7,768	26.5%	10,229	34.9%	9,654	32.9%	261	0.9%	330	1.1%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	4,345	7.3%	30,954	52.0%	16,102	27.1%	8,080	13.6%	0	0.0%	0	0.0%
\$25,000 - \$49,999	137,082	7,516	5.5%	56,892	41.5%	51,917	37.9%	20,382	14.9%	31	0.0%	344	0.3%
\$50,000 - \$74,999	123,824	5,907	4.8%	47,535	38.4%	45,228	36.5%	24,135	19.5%	574	0.5%	445	0.4%
\$75,000 - \$99,999	66,780	2,460	3.7%	21,404	32.1%	23,503	35.2%	18,751	28.1%	115	0.2%	547	0.8%
\$100,000 +	97,644	3,197	3.3%	27,158	27.8%	32,966	33.8%	32,754	33.5%	459	0.5%	1,109	1.1%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	9,768	6.1%	69,905	44.0%	53,833	33.9%	24,646	15.5%	261	0.2%	574	0.4%
No	325,824	13,657	4.2%	114,038	35.0%	115,884	35.6%	79,456	24.4%	918	0.3%	1,871	0.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	1,275	2.5%	17,551	34.1%	20,226	39.3%	12,231	23.8%	31	0.1%	115	0.2%
No	409,630	20,686	5.1%	158,741	38.8%	140,179	34.2%	86,661	21.2%	1,033	0.3%	2,330	0.6%
Undeclared	23,751	1,463	6.2%	7,651	32.2%	9,311	39.2%	5,211	21.9%	115	0.5%	0	0.0%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	497	3.2%	5,272	34.1%	5,533	35.8%	4,122	26.7%	31	0.2%	0	0.0%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	21,572	4.9%	164,757	37.5%	155,875	35.5%	94,116	21.4%	918	0.2%	2,101	0.5%
Satisfactory	22,395	701	3.1%	10,136	45.3%	7,035	31.4%	4,178	18.7%	230	1.0%	115	0.5%
Poor	23,077	1,152	5.0%	9,050	39.2%	6,806	29.5%	5,809	25.2%	31	0.1%	230	1.0%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	16,067	4.0%	143,243	35.4%	146,066	36.1%	95,462	23.6%	1,148	0.3%	2,330	0.6%
Rent / Other	80,495	7,358	9.1%	40,700	50.6%	23,650	29.4%	8,640	10.7%	31	0.0%	115	0.1%

**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.01c  
NUMBER OF DVD/BLU-RAY UNITS IN USE**

	TOTAL	NONE	%	ONE	%	TWO	%	THREE	%	FOUR	%	FIVE +	%
<b>OVERALL</b>	484,811	232,880	48.0%	189,945	39.2%	50,710	10.5%	9,423	1.9%	1,505	0.3%	349	0.1%
<b>FUEL AREA</b>													
Winnipeg City	261,760	127,783	48.8%	100,085	38.2%	27,570	10.5%	5,455	2.1%	752	0.3%	115	0.0%
Gas Available	140,021	65,023	46.4%	57,037	40.7%	14,813	10.6%	2,540	1.8%	406	0.3%	203	0.1%
No Gas Available	83,030	40,074	48.3%	32,823	39.5%	8,327	10.0%	1,428	1.7%	348	0.4%	31	0.0%
<b>DWELLING TYPE</b>													
Single Detached	373,568	165,680	44.4%	153,239	41.0%	44,203	11.8%	8,593	2.3%	1,505	0.4%	349	0.1%
Multi Attached	46,834	28,752	61.4%	14,970	32.0%	2,734	5.8%	377	0.8%	0	0.0%	0	0.0%
Apartment Suite	64,409	38,448	59.7%	21,737	33.7%	3,772	5.9%	453	0.7%	0	0.0%	0	0.0%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	18,261	48.5%	14,132	37.5%	4,278	11.4%	943	2.5%	31	0.1%	0	0.0%
1990-2009	89,181	39,919	44.8%	35,352	39.6%	10,962	12.3%	2,194	2.5%	520	0.6%	234	0.3%
1970-1989	161,749	73,990	45.7%	66,031	40.8%	18,395	11.4%	2,836	1.8%	498	0.3%	0	0.0%
1950-1969	110,314	56,235	51.0%	40,842	37.0%	10,831	9.8%	2,061	1.9%	230	0.2%	115	0.1%
Pre 1950	85,922	44,475	51.8%	33,587	39.1%	6,245	7.3%	1,390	1.6%	226	0.3%	0	0.0%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	94,350	49.2%	76,821	40.1%	16,789	8.8%	2,821	1.5%	726	0.4%	131	0.1%
Natural Gas Heat	249,938	110,580	44.2%	100,339	40.1%	31,843	12.7%	6,180	2.5%	779	0.3%	217	0.1%
Other Fuel	6,945	4,175	60.1%	2,301	33.1%	337	4.9%	131	1.9%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	23,775	65.5%	10,484	28.9%	1,741	4.8%	290	0.8%	0	0.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	73,151	58.6%	45,651	36.6%	5,041	4.0%	936	0.8%	0	0.0%	0	0.0%
Two	221,729	108,202	48.8%	86,882	39.2%	24,111	10.9%	2,419	1.1%	115	0.1%	0	0.0%
Three	60,069	23,109	38.5%	25,326	42.2%	9,250	15.4%	2,054	3.4%	330	0.5%	0	0.0%
Four	48,897	17,638	36.1%	21,384	43.7%	7,107	14.5%	2,067	4.2%	598	1.2%	103	0.2%
Five +	29,337	10,781	36.7%	10,700	36.5%	5,200	17.7%	1,947	6.6%	462	1.6%	246	0.8%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	39,630	66.6%	15,345	25.8%	3,504	5.9%	792	1.3%	177	0.3%	31	0.1%
\$25,000 - \$49,999	137,082	75,189	54.8%	51,373	37.5%	8,977	6.5%	1,543	1.1%	0	0.0%	0	0.0%
\$50,000 - \$74,999	123,824	57,703	46.6%	51,502	41.6%	12,853	10.4%	1,537	1.2%	115	0.1%	115	0.1%
\$75,000 - \$99,999	66,780	25,919	38.8%	29,368	44.0%	9,074	13.6%	1,958	2.9%	460	0.7%	0	0.0%
\$100,000 +	97,644	34,438	35.3%	42,357	43.4%	16,302	16.7%	3,592	3.7%	753	0.8%	203	0.2%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	94,868	59.7%	50,746	31.9%	10,503	6.6%	2,432	1.5%	292	0.2%	146	0.1%
No	325,824	138,012	42.4%	139,199	42.7%	40,206	12.3%	6,990	2.1%	1,213	0.4%	203	0.1%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	23,628	45.9%	19,661	38.2%	6,002	11.7%	1,880	3.7%	124	0.2%	134	0.3%
No	409,630	197,258	48.2%	161,622	39.5%	42,057	10.3%	7,199	1.8%	1,280	0.3%	215	0.1%
Undeclared	23,751	11,994	50.5%	8,662	36.5%	2,650	11.2%	344	1.4%	100	0.4%	0	0.0%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	7,635	49.4%	5,670	36.7%	1,523	9.9%	472	3.1%	124	0.8%	31	0.2%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	210,838	48.0%	174,552	39.7%	44,751	10.2%	7,733	1.8%	1,262	0.3%	203	0.0%
Satisfactory	22,395	10,719	47.9%	7,283	32.5%	3,355	15.0%	823	3.7%	100	0.4%	115	0.5%
Poor	23,077	11,323	49.1%	8,110	35.1%	2,603	11.3%	867	3.8%	143	0.6%	31	0.1%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	185,409	45.9%	164,740	40.7%	43,864	10.8%	8,542	2.1%	1,443	0.4%	318	0.1%
Rent / Other	80,495	47,470	59.0%	25,205	31.3%	6,846	8.5%	881	1.1%	62	0.1%	31	0.0%

**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.01d  
NUMBER OF GAMING CONSOLES IN USE**

	TOTAL	NONE	%	ONE	%	TWO	%	THREE	%	FOUR	%	FIVE +	%
<b>OVERALL</b>	484,811	352,647	72.7%	99,359	20.5%	24,429	5.0%	5,722	1.2%	1,688	0.3%	967	0.2%
<b>FUEL AREA</b>													
Winnipeg City	261,760	183,107	70.0%	59,148	22.6%	14,459	5.5%	3,119	1.2%	1,178	0.5%	749	0.3%
Gas Available	140,021	106,289	75.9%	26,256	18.8%	5,246	3.7%	1,659	1.2%	385	0.3%	187	0.1%
No Gas Available	83,030	63,251	76.2%	13,955	16.8%	4,725	5.7%	944	1.1%	124	0.1%	31	0.0%
<b>DWELLING TYPE</b>													
Single Detached	373,568	268,340	71.8%	77,328	20.7%	20,987	5.6%	4,809	1.3%	1,428	0.4%	677	0.2%
Multi Attached	46,834	33,184	70.9%	9,650	20.6%	2,990	6.4%	750	1.6%	260	0.6%	0	0.0%
Apartment Suite	64,409	51,122	79.4%	12,381	19.2%	453	0.7%	163	0.3%	0	0.0%	290	0.5%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	23,667	62.9%	10,703	28.4%	2,225	5.9%	789	2.1%	115	0.3%	146	0.4%
1990-2009	89,181	64,131	71.9%	17,431	19.5%	5,770	6.5%	1,553	1.7%	194	0.2%	103	0.1%
1970-1989	161,749	120,678	74.6%	31,026	19.2%	7,595	4.7%	1,431	0.9%	705	0.4%	314	0.2%
1950-1969	110,314	79,827	72.4%	23,440	21.2%	5,386	4.9%	1,058	1.0%	199	0.2%	405	0.4%
Pre 1950	85,922	64,343	74.9%	16,760	19.5%	3,453	4.0%	891	1.0%	475	0.6%	0	0.0%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	147,459	76.9%	32,738	17.1%	8,434	4.4%	2,123	1.1%	769	0.4%	115	0.1%
Natural Gas Heat	249,938	171,802	68.7%	58,502	23.4%	14,999	6.0%	3,155	1.3%	918	0.4%	562	0.2%
Other Fuel	6,945	5,408	77.9%	1,274	18.4%	262	3.8%	0	0.0%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	27,976	77.1%	6,845	18.9%	734	2.0%	444	1.2%	0	0.0%	290	0.8%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	112,181	89.9%	11,694	9.4%	874	0.7%	31	0.0%	0	0.0%	0	0.0%
Two	221,729	182,809	82.4%	33,052	14.9%	5,034	2.3%	444	0.2%	100	0.0%	290	0.1%
Three	60,069	30,022	50.0%	23,104	38.5%	5,311	8.8%	1,288	2.1%	230	0.4%	115	0.2%
Four	48,897	18,906	38.7%	18,510	37.9%	8,708	17.8%	1,925	3.9%	629	1.3%	217	0.4%
Five +	29,337	8,729	29.8%	12,999	44.3%	4,502	15.3%	2,033	6.9%	729	2.5%	345	1.2%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	51,337	86.3%	6,216	10.5%	1,163	2.0%	311	0.5%	454	0.8%	0	0.0%
\$25,000 - \$49,999	137,082	114,839	83.8%	17,924	13.1%	2,823	2.1%	959	0.7%	100	0.1%	436	0.3%
\$50,000 - \$74,999	123,824	90,455	73.1%	24,628	19.9%	6,863	5.5%	1,388	1.1%	146	0.1%	344	0.3%
\$75,000 - \$99,999	66,780	39,963	59.8%	19,761	29.6%	5,123	7.7%	1,320	2.0%	529	0.8%	84	0.1%
\$100,000 +	97,644	56,052	57.4%	30,830	31.6%	8,457	8.7%	1,743	1.8%	459	0.5%	103	0.1%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	127,365	80.1%	23,026	14.5%	5,772	3.6%	1,748	1.1%	700	0.4%	375	0.2%
No	325,824	225,282	69.1%	76,333	23.4%	18,657	5.7%	3,974	1.2%	988	0.3%	591	0.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	30,917	60.1%	13,822	26.9%	5,016	9.8%	1,056	2.1%	485	0.9%	134	0.3%
No	409,630	303,956	74.2%	80,969	19.8%	18,438	4.5%	4,346	1.1%	1,088	0.3%	833	0.2%
Undeclared	23,751	17,773	74.8%	4,568	19.2%	976	4.1%	320	1.3%	115	0.5%	0	0.0%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	9,245	59.8%	3,649	23.6%	1,940	12.6%	466	3.0%	124	0.8%	31	0.2%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	324,571	73.9%	87,979	20.0%	20,321	4.6%	4,320	1.0%	1,441	0.3%	706	0.2%
Satisfactory	22,395	14,442	64.5%	5,206	23.2%	2,291	10.2%	279	1.2%	31	0.1%	146	0.7%
Poor	23,077	13,633	59.1%	6,174	26.8%	1,818	7.9%	1,122	4.9%	215	0.9%	115	0.5%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	294,845	72.9%	81,402	20.1%	21,190	5.2%	4,836	1.2%	1,397	0.3%	646	0.2%
Rent / Other	80,495	57,801	71.8%	17,957	22.3%	3,239	4.0%	885	1.1%	291	0.4%	321	0.4%

**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.01e  
NUMBER OF DESKTOP COMPUTERS IN USE**

	TOTAL	NONE	%	ONE	%	TWO	%	THREE	%	FOUR	%	FIVE +	%
<b>OVERALL</b>	484,811	255,424	52.7%	194,361	40.1%	27,922	5.8%	4,777	1.0%	1,636	0.3%	691	0.1%
<b>FUEL AREA</b>													
Winnipeg City	261,760	128,934	49.3%	108,796	41.6%	18,781	7.2%	3,563	1.4%	1,302	0.5%	384	0.1%
Gas Available	140,021	75,113	53.6%	57,250	40.9%	6,167	4.4%	879	0.6%	303	0.2%	308	0.2%
No Gas Available	83,030	51,376	61.9%	28,315	34.1%	2,973	3.6%	335	0.4%	31	0.0%	0	0.0%
<b>DWELLING TYPE</b>													
Single Detached	373,568	187,297	50.1%	157,049	42.0%	22,878	6.1%	4,324	1.2%	1,482	0.4%	537	0.1%
Multi Attached	46,834	27,224	58.1%	15,548	33.2%	3,753	8.0%	0	0.0%	154	0.3%	154	0.3%
Apartment Suite	64,409	40,902	63.5%	21,763	33.8%	1,291	2.0%	453	0.7%	0	0.0%	0	0.0%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	21,774	57.8%	13,814	36.7%	1,668	4.4%	389	1.0%	0	0.0%	0	0.0%
1990-2009	89,181	45,701	51.2%	36,095	40.5%	5,452	6.1%	1,302	1.5%	476	0.5%	154	0.2%
1970-1989	161,749	81,470	50.4%	68,812	42.5%	9,498	5.9%	1,382	0.9%	472	0.3%	115	0.1%
1950-1969	110,314	56,545	51.3%	45,439	41.2%	6,636	6.0%	927	0.8%	344	0.3%	422	0.4%
Pre 1950	85,922	49,933	58.1%	30,200	35.1%	4,668	5.4%	777	0.9%	344	0.4%	0	0.0%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	110,680	57.8%	71,572	37.3%	7,832	4.1%	1,323	0.7%	232	0.1%	0	0.0%
Natural Gas Heat	249,938	115,932	46.4%	110,904	44.4%	17,841	7.1%	3,164	1.3%	1,404	0.6%	691	0.3%
Other Fuel	6,945	5,714	82.3%	893	12.9%	337	4.9%	0	0.0%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	23,097	63.6%	10,991	30.3%	1,912	5.3%	290	0.8%	0	0.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	83,970	67.3%	38,619	30.9%	1,390	1.1%	456	0.4%	230	0.2%	115	0.1%
Two	221,729	103,934	46.9%	99,761	45.0%	15,612	7.0%	1,875	0.8%	330	0.1%	217	0.1%
Three	60,069	29,689	49.4%	23,531	39.2%	5,287	8.8%	963	1.6%	599	1.0%	0	0.0%
Four	48,897	21,928	44.8%	22,246	45.5%	3,397	6.9%	1,121	2.3%	103	0.2%	103	0.2%
Five +	29,337	15,903	54.2%	10,203	34.8%	2,236	7.6%	362	1.2%	375	1.3%	257	0.9%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	44,394	74.6%	13,129	22.1%	1,926	3.2%	0	0.0%	31	0.1%	0	0.0%
\$25,000 - \$49,999	137,082	76,581	55.9%	54,147	39.5%	5,070	3.7%	1,028	0.7%	154	0.1%	103	0.1%
\$50,000 - \$74,999	123,824	60,406	48.8%	54,276	43.8%	6,924	5.6%	1,299	1.0%	445	0.4%	474	0.4%
\$75,000 - \$99,999	66,780	31,414	47.0%	29,502	44.2%	4,847	7.3%	903	1.4%	0	0.0%	115	0.2%
\$100,000 +	97,644	42,629	43.7%	43,306	44.4%	9,155	9.4%	1,548	1.6%	1,006	1.0%	0	0.0%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	100,579	63.3%	51,119	32.2%	6,094	3.8%	907	0.6%	185	0.1%	103	0.1%
No	325,824	154,845	47.5%	143,242	44.0%	21,828	6.7%	3,870	1.2%	1,451	0.4%	589	0.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	30,867	60.0%	17,382	33.8%	2,512	4.9%	522	1.0%	146	0.3%	0	0.0%
No	409,630	211,777	51.7%	167,190	40.8%	24,526	6.0%	3,956	1.0%	1,490	0.4%	691	0.2%
Undeclared	23,751	12,779	53.8%	9,789	41.2%	884	3.7%	299	1.3%	0	0.0%	0	0.0%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	11,465	74.2%	3,519	22.8%	441	2.9%	0	0.0%	31	0.2%	0	0.0%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	225,432	51.3%	181,801	41.4%	25,271	5.8%	4,662	1.1%	1,482	0.3%	691	0.2%
Satisfactory	22,395	14,439	64.5%	6,800	30.4%	1,041	4.6%	115	0.5%	0	0.0%	0	0.0%
Poor	23,077	15,553	67.4%	5,760	25.0%	1,610	7.0%	0	0.0%	154	0.7%	0	0.0%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	201,251	49.8%	170,715	42.2%	25,535	6.3%	4,487	1.1%	1,636	0.4%	691	0.2%
Rent / Other	80,495	54,172	67.3%	23,646	29.4%	2,386	3.0%	290	0.4%	0	0.0%	0	0.0%

**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.01f  
NUMBER OF LAPTOP COMPUTERS IN USE**

	TOTAL	NONE	%	ONE	%	TWO	%	THREE	%	FOUR	%	FIVE +	%
<b>OVERALL</b>	<b>484,811</b>	<b>205,349</b>	<b>42.4%</b>	<b>192,687</b>	<b>39.7%</b>	<b>64,288</b>	<b>13.3%</b>	<b>16,736</b>	<b>3.5%</b>	<b>4,415</b>	<b>0.9%</b>	<b>1,336</b>	<b>0.3%</b>
<b>FUEL AREA</b>													
Winnipeg City	261,760	99,368	38.0%	107,718	41.2%	37,069	14.2%	13,413	5.1%	3,158	1.2%	1,033	0.4%
Gas Available	140,021	61,558	44.0%	56,298	40.2%	18,231	13.0%	2,628	1.9%	1,003	0.7%	303	0.2%
No Gas Available	83,030	44,422	53.5%	28,671	34.5%	8,988	10.8%	695	0.8%	254	0.3%	0	0.0%
<b>DWELLING TYPE</b>													
Single Detached	373,568	154,264	41.3%	147,181	39.4%	53,779	14.4%	12,756	3.4%	4,252	1.1%	1,336	0.4%
Multi Attached	46,834	21,491	45.9%	19,143	40.9%	3,741	8.0%	2,459	5.2%	0	0.0%	0	0.0%
Apartment Suite	64,409	29,593	45.9%	26,364	40.9%	6,768	10.5%	1,521	2.4%	163	0.3%	0	0.0%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	12,328	32.7%	17,630	46.8%	5,388	14.3%	1,867	5.0%	215	0.6%	217	0.6%
1990-2009	89,181	35,823	40.2%	33,113	37.1%	16,190	18.2%	3,032	3.4%	707	0.8%	316	0.4%
1970-1989	161,749	72,902	45.1%	62,218	38.5%	19,456	12.0%	5,213	3.2%	1,730	1.1%	230	0.1%
1950-1969	110,314	47,999	43.5%	45,132	40.9%	12,743	11.6%	3,120	2.8%	975	0.9%	344	0.3%
Pre 1950	85,922	36,296	42.2%	34,594	40.3%	10,510	12.2%	3,504	4.1%	788	0.9%	230	0.3%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	92,506	48.3%	74,300	38.8%	20,284	10.6%	3,291	1.7%	1,058	0.6%	201	0.1%
Natural Gas Heat	249,938	91,042	36.4%	102,469	41.0%	39,804	15.9%	12,131	4.9%	3,357	1.3%	1,135	0.5%
Other Fuel	6,945	3,617	52.1%	2,316	33.4%	1,012	14.6%	0	0.0%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	18,185	50.1%	13,602	37.5%	3,188	8.8%	1,314	3.6%	0	0.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	72,473	58.1%	48,542	38.9%	2,477	2.0%	1,184	0.9%	103	0.1%	0	0.0%
Two	221,729	97,106	43.8%	89,264	40.3%	32,514	14.7%	2,238	1.0%	606	0.3%	0	0.0%
Three	60,069	16,955	28.2%	25,195	41.9%	12,731	21.2%	4,451	7.4%	519	0.9%	217	0.4%
Four	48,897	11,915	24.4%	18,407	37.6%	11,461	23.4%	4,806	9.8%	1,849	3.8%	459	0.9%
Five +	29,337	6,898	23.5%	11,279	38.4%	5,104	17.4%	4,057	13.8%	1,338	4.6%	660	2.2%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	40,246	67.7%	16,111	27.1%	2,502	4.2%	591	1.0%	31	0.1%	0	0.0%
\$25,000 - \$49,999	137,082	73,226	53.4%	51,731	37.7%	9,084	6.6%	2,444	1.8%	597	0.4%	0	0.0%
\$50,000 - \$74,999	123,824	47,589	38.4%	52,827	42.7%	17,998	14.5%	4,288	3.5%	676	0.5%	445	0.4%
\$75,000 - \$99,999	66,780	20,619	30.9%	29,699	44.5%	12,277	18.4%	3,442	5.2%	743	1.1%	0	0.0%
\$100,000 +	97,644	23,669	24.2%	42,319	43.3%	22,427	23.0%	5,971	6.1%	2,367	2.4%	891	0.9%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	91,762	57.7%	50,889	32.0%	11,325	7.1%	3,767	2.4%	913	0.6%	330	0.2%
No	325,824	113,587	34.9%	141,798	43.5%	52,963	16.3%	12,969	4.0%	3,502	1.1%	1,006	0.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	24,804	48.2%	19,112	37.2%	6,201	12.1%	961	1.9%	351	0.7%	0	0.0%
No	409,630	169,602	41.4%	164,562	40.2%	54,838	13.4%	15,328	3.7%	4,064	1.0%	1,236	0.3%
Undeclared	23,751	10,942	46.1%	9,013	37.9%	3,249	13.7%	447	1.9%	0	0.0%	100	0.4%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	10,561	68.3%	3,583	23.2%	1,187	7.7%	93	0.6%	31	0.2%	0	0.0%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	183,575	41.8%	177,264	40.3%	59,200	13.5%	13,995	3.2%	4,300	1.0%	1,004	0.2%
Satisfactory	22,395	10,593	47.3%	8,249	36.8%	2,521	11.3%	930	4.2%	0	0.0%	103	0.5%
Poor	23,077	11,181	48.5%	7,174	31.1%	2,567	11.1%	1,811	7.8%	115	0.5%	230	1.0%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	165,213	40.9%	162,736	40.2%	56,031	13.9%	14,957	3.7%	4,043	1.0%	1,336	0.3%
Rent / Other	80,495	40,136	49.9%	29,951	37.2%	8,258	10.3%	1,779	2.2%	372	0.5%	0	0.0%

**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.01g  
NUMBER OF TABLETS IN USE**

	TOTAL	NONE	%	ONE	%	TWO	%	THREE	%	FOUR	%	FIVE +	%
<b>OVERALL</b>	484,811	230,578	47.6%	169,227	34.9%	65,800	13.6%	13,863	2.9%	4,176	0.9%	1,166	0.2%
<b>FUEL AREA</b>													
Winnipeg City	261,760	114,460	43.7%	95,534	36.5%	38,568	14.7%	9,606	3.7%	2,560	1.0%	1,033	0.4%
Gas Available	140,021	70,403	50.3%	48,169	34.4%	17,179	12.3%	3,171	2.3%	996	0.7%	103	0.1%
No Gas Available	83,030	45,715	55.1%	25,524	30.7%	10,053	12.1%	1,086	1.3%	620	0.7%	31	0.0%
<b>DWELLING TYPE</b>													
Single Detached	373,568	168,817	45.2%	132,635	35.5%	56,125	15.0%	11,131	3.0%	3,694	1.0%	1,166	0.3%
Multi Attached	46,834	22,945	49.0%	16,100	34.4%	5,554	11.9%	1,752	3.7%	482	1.0%	0	0.0%
Apartment Suite	64,409	38,816	60.3%	20,492	31.8%	4,121	6.4%	980	1.5%	0	0.0%	0	0.0%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	13,427	35.7%	14,533	38.6%	6,827	18.1%	1,965	5.2%	779	2.1%	115	0.3%
1990-2009	89,181	37,492	42.0%	34,224	38.4%	13,343	15.0%	2,819	3.2%	1,074	1.2%	230	0.3%
1970-1989	161,749	78,420	48.5%	56,668	35.0%	21,650	13.4%	3,990	2.5%	773	0.5%	248	0.2%
1950-1969	110,314	56,138	50.9%	36,593	33.2%	14,235	12.9%	2,211	2.0%	908	0.8%	230	0.2%
Pre 1950	85,922	45,102	52.5%	27,210	31.7%	9,746	11.3%	2,877	3.3%	642	0.7%	344	0.4%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	102,755	53.6%	64,242	33.5%	19,548	10.2%	3,517	1.8%	1,546	0.8%	31	0.0%
Natural Gas Heat	249,938	100,385	40.2%	94,267	37.7%	41,465	16.6%	10,056	4.0%	2,630	1.1%	1,135	0.5%
Other Fuel	6,945	3,573	51.4%	2,083	30.0%	1,289	18.6%	0	0.0%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	23,866	65.8%	8,635	23.8%	3,498	9.6%	290	0.8%	0	0.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	88,046	70.6%	32,896	26.4%	3,238	2.6%	485	0.4%	115	0.1%	0	0.0%
Two	221,729	100,779	45.5%	84,100	37.9%	34,037	15.4%	2,586	1.2%	226	0.1%	0	0.0%
Three	60,069	20,649	34.4%	25,521	42.5%	10,425	17.4%	3,142	5.2%	217	0.4%	115	0.2%
Four	48,897	12,023	24.6%	17,023	34.8%	12,725	26.0%	5,047	10.3%	1,745	3.6%	332	0.7%
Five +	29,337	9,080	31.0%	9,686	33.0%	5,374	18.3%	2,604	8.9%	1,873	6.4%	720	2.5%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	43,982	73.9%	11,651	19.6%	3,122	5.2%	570	1.0%	124	0.2%	31	0.1%
\$25,000 - \$49,999	137,082	82,829	60.4%	42,003	30.6%	10,318	7.5%	1,578	1.2%	355	0.3%	0	0.0%
\$50,000 - \$74,999	123,824	53,283	43.0%	49,138	39.7%	17,165	13.9%	3,093	2.5%	1,030	0.8%	115	0.1%
\$75,000 - \$99,999	66,780	22,793	34.1%	28,668	42.9%	12,320	18.4%	2,125	3.2%	529	0.8%	344	0.5%
\$100,000 +	97,644	27,691	28.4%	37,767	38.7%	22,875	23.4%	6,497	6.7%	2,138	2.2%	676	0.7%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	101,294	63.7%	42,407	26.7%	11,655	7.3%	2,530	1.6%	956	0.6%	146	0.1%
No	325,824	129,284	39.7%	126,820	38.9%	54,146	16.6%	11,334	3.5%	3,220	1.0%	1,021	0.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	25,116	48.8%	16,581	32.2%	7,512	14.6%	1,800	3.5%	388	0.8%	31	0.1%
No	409,630	193,915	47.3%	143,975	35.1%	55,328	13.5%	11,604	2.8%	3,673	0.9%	1,135	0.3%
Undeclared	23,751	11,547	48.6%	8,670	36.5%	2,960	12.5%	459	1.9%	115	0.5%	0	0.0%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	9,655	62.5%	3,488	22.6%	1,624	10.5%	373	2.4%	286	1.8%	31	0.2%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	210,049	47.8%	153,499	34.9%	58,848	13.4%	12,112	2.8%	3,695	0.8%	1,135	0.3%
Satisfactory	22,395	10,109	45.1%	7,767	34.7%	3,434	15.3%	808	3.6%	276	1.2%	0	0.0%
Poor	23,077	10,419	45.1%	7,961	34.5%	3,518	15.2%	944	4.1%	205	0.9%	31	0.1%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	181,565	44.9%	146,563	36.2%	59,453	14.7%	11,801	2.9%	3,798	0.9%	1,135	0.3%
Rent / Other	80,495	49,013	60.9%	22,664	28.2%	6,347	7.9%	2,063	2.6%	378	0.5%	31	0.0%

**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.01h  
NUMBER OF CELL PHONE CHARGERS IN USE**

	TOTAL	NONE	%	ONE	%	TWO	%	THREE	%	FOUR	%	FIVE +	%
<b>OVERALL</b>	484,811	62,380	12.9%	174,376	36.0%	153,197	31.6%	56,182	11.6%	24,016	5.0%	14,661	3.0%
<b>FUEL AREA</b>													
Winnipeg City	261,760	30,913	11.8%	92,447	35.3%	81,192	31.0%	34,395	13.1%	13,791	5.3%	9,021	3.4%
Gas Available	140,021	17,934	12.8%	49,562	35.4%	46,985	33.6%	15,071	10.8%	6,747	4.8%	3,722	2.7%
No Gas Available	83,030	13,532	16.3%	32,367	39.0%	25,020	30.1%	6,716	8.1%	3,478	4.2%	1,917	2.3%
<b>DWELLING TYPE</b>													
Single Detached	373,568	44,079	11.8%	125,544	33.6%	122,905	32.9%	46,611	12.5%	21,042	5.6%	13,387	3.6%
Multi Attached	46,834	7,413	15.8%	15,999	34.2%	15,042	32.1%	5,471	11.7%	2,378	5.1%	531	1.1%
Apartment Suite	64,409	10,887	16.9%	32,833	51.0%	15,250	23.7%	4,099	6.4%	596	0.9%	743	1.2%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	1,959	5.2%	11,551	30.7%	13,408	35.6%	5,823	15.5%	3,135	8.3%	1,768	4.7%
1990-2009	89,181	10,985	12.3%	27,924	31.3%	30,004	33.6%	11,072	12.4%	5,861	6.6%	3,334	3.7%
1970-1989	161,749	21,683	13.4%	59,822	37.0%	50,742	31.4%	18,606	11.5%	6,637	4.1%	4,259	2.6%
1950-1969	110,314	14,384	13.0%	44,111	40.0%	32,483	29.4%	12,625	11.4%	3,829	3.5%	2,882	2.6%
Pre 1950	85,922	13,369	15.6%	30,968	36.0%	26,560	30.9%	8,055	9.4%	4,553	5.3%	2,417	2.8%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	29,649	15.5%	72,683	37.9%	59,010	30.8%	18,273	9.5%	7,813	4.1%	4,210	2.2%
Natural Gas Heat	249,938	27,065	10.8%	77,904	31.2%	84,854	33.9%	34,813	13.9%	15,432	6.2%	9,871	3.9%
Other Fuel	6,945	1,068	15.4%	3,913	56.3%	675	9.7%	952	13.7%	337	4.9%	0	0.0%
Shared (No Heat on Bill)	36,289	4,597	12.7%	19,876	54.8%	8,658	23.9%	2,143	5.9%	434	1.2%	580	1.6%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	32,329	25.9%	79,187	63.5%	9,397	7.5%	2,694	2.2%	669	0.5%	504	0.4%
Two	221,729	25,453	11.5%	78,626	35.5%	102,645	46.3%	11,970	5.4%	2,092	0.9%	943	0.4%
Three	60,069	2,240	3.7%	9,553	15.9%	19,811	33.0%	23,552	39.2%	3,562	5.9%	1,352	2.3%
Four	48,897	1,358	2.8%	4,189	8.6%	14,811	30.3%	11,907	24.4%	12,683	25.9%	3,948	8.1%
Five +	29,337	999	3.4%	2,822	9.6%	6,533	22.3%	6,059	20.7%	5,010	17.1%	7,914	27.0%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	19,617	33.0%	28,835	48.5%	7,425	12.5%	2,088	3.5%	1,217	2.0%	298	0.5%
\$25,000 - \$49,999	137,082	26,620	19.4%	65,597	47.9%	33,677	24.6%	7,516	5.5%	2,357	1.7%	1,316	1.0%
\$50,000 - \$74,999	123,824	9,827	7.9%	44,394	35.9%	44,465	35.9%	15,275	12.3%	6,371	5.1%	3,492	2.8%
\$75,000 - \$99,999	66,780	2,682	4.0%	16,611	24.9%	29,273	43.8%	10,879	16.3%	4,398	6.6%	2,936	4.4%
\$100,000 +	97,644	3,633	3.7%	18,939	19.4%	38,358	39.3%	20,424	20.9%	9,672	9.9%	6,619	6.8%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	38,886	24.5%	66,491	41.8%	33,009	20.8%	11,244	7.1%	5,770	3.6%	3,587	2.3%
No	325,824	23,493	7.2%	107,886	33.1%	120,188	36.9%	44,937	13.8%	18,246	5.6%	11,073	3.4%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	5,781	11.2%	16,528	32.1%	16,253	31.6%	7,753	15.1%	3,497	6.8%	1,617	3.1%
No	409,630	53,036	12.9%	149,082	36.4%	129,988	31.7%	46,061	11.2%	19,208	4.7%	12,255	3.0%
Undeclared	23,751	3,563	15.0%	8,767	36.9%	6,955	29.3%	2,367	10.0%	1,311	5.5%	789	3.3%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	3,270	21.2%	4,607	29.8%	3,519	22.8%	2,282	14.8%	1,088	7.0%	690	4.5%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	57,832	13.2%	160,079	36.4%	139,325	31.7%	49,963	11.4%	20,253	4.6%	11,888	2.7%
Satisfactory	22,395	1,845	8.2%	7,737	34.5%	6,854	30.6%	3,671	16.4%	1,504	6.7%	783	3.5%
Poor	23,077	2,703	11.7%	6,560	28.4%	7,018	30.4%	2,548	11.0%	2,258	9.8%	1,989	8.6%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	48,670	12.0%	139,091	34.4%	133,648	33.1%	48,425	12.0%	21,539	5.3%	12,942	3.2%
Rent / Other	80,495	13,709	17.0%	35,285	43.8%	19,548	24.3%	7,756	9.6%	2,476	3.1%	1,719	2.1%



**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.02  
HOME INTERNET ACCESS**

	NO HOME			HOME ONLY		MOBILE ONLY		BOTH HOME	
	TOTAL	INTERNET	%	INTERNET	%	INTERNET	%	AND MOBILE	%
<b>OVERALL</b>	484,811	64,257	13.3%	194,294	40.1%	14,234	2.9%	212,026	43.7%
<b>FUEL AREA</b>									
Winnipeg City	261,760	21,248	8.1%	108,122	41.3%	2,742	1.0%	129,648	49.5%
Gas Available	140,021	21,241	15.2%	57,358	41.0%	5,804	4.1%	55,618	39.7%
No Gas Available	83,030	21,768	26.2%	28,814	34.7%	5,687	6.8%	26,760	32.2%
<b>DWELLING TYPE</b>									
Single Detached	373,568	46,919	12.6%	149,425	40.0%	12,317	3.3%	164,907	44.1%
Multi Attached	46,834	5,877	12.5%	19,258	41.1%	479	1.0%	21,220	45.3%
Apartment Suite	64,409	11,461	17.8%	25,612	39.8%	1,437	2.2%	25,899	40.2%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	2,712	7.2%	12,967	34.4%	1,129	3.0%	20,838	55.4%
1990-2009	89,181	10,874	12.2%	38,627	43.3%	3,438	3.9%	36,242	40.6%
1970-1989	161,749	23,025	14.2%	66,491	41.1%	4,540	2.8%	67,693	41.9%
1950-1969	110,314	13,453	12.2%	46,850	42.5%	2,621	2.4%	47,389	43.0%
Pre 1950	85,922	14,193	16.5%	29,360	34.2%	2,505	2.9%	39,864	46.4%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	37,523	19.6%	72,059	37.6%	10,599	5.5%	71,458	37.3%
Natural Gas Heat	249,938	18,055	7.2%	105,681	42.3%	2,765	1.1%	123,437	49.4%
Other Fuel	6,945	3,148	45.3%	2,330	33.5%	0	0.0%	1,467	21.1%
Shared (No Heat on Bill)	36,289	5,531	15.2%	14,225	39.2%	870	2.4%	15,663	43.2%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	33,377	26.7%	51,162	41.0%	4,517	3.6%	35,724	28.6%
Two	221,729	23,415	10.6%	99,764	45.0%	7,285	3.3%	91,264	41.2%
Three	60,069	3,955	6.6%	18,772	31.3%	1,058	1.8%	36,285	60.4%
Four	48,897	1,879	3.8%	15,328	31.3%	540	1.1%	31,150	63.7%
Five +	29,337	1,631	5.6%	9,269	31.6%	834	2.8%	17,602	60.0%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	25,502	42.9%	20,836	35.0%	1,996	3.4%	11,147	18.7%
\$25,000 - \$49,999	137,082	26,069	19.0%	63,957	46.7%	4,584	3.3%	42,472	31.0%
\$50,000 - \$74,999	123,824	8,222	6.6%	53,611	43.3%	4,359	3.5%	57,632	46.5%
\$75,000 - \$99,999	66,780	2,284	3.4%	25,517	38.2%	1,941	2.9%	37,037	55.5%
\$100,000 +	97,644	2,180	2.2%	30,373	31.1%	1,354	1.4%	63,738	65.3%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	45,877	28.9%	64,697	40.7%	5,544	3.5%	42,869	27.0%
No	325,824	18,380	5.6%	129,597	39.8%	8,690	2.7%	169,157	51.9%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	10,642	20.7%	17,063	33.2%	1,376	2.7%	22,349	43.5%
No	409,630	50,487	12.3%	166,872	40.7%	11,342	2.8%	180,929	44.2%
Undeclared	23,751	3,128	13.2%	10,359	43.6%	1,516	6.4%	8,748	36.8%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	6,783	43.9%	4,644	30.0%	938	6.1%	3,091	20.0%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	55,351	12.6%	180,903	41.2%	12,077	2.7%	191,009	43.5%
Satisfactory	22,395	3,405	15.2%	6,928	30.9%	1,011	4.5%	11,052	49.3%
Poor	23,077	5,501	23.8%	6,464	28.0%	1,146	5.0%	9,966	43.2%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	45,814	11.3%	165,251	40.9%	11,666	2.9%	181,585	44.9%
Rent / Other	80,495	18,442	22.9%	29,044	36.1%	2,568	3.2%	30,441	37.8%



**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.03  
TYPES OF TELEPHONE SERVICES**

	TOTAL	NO		LANDLINE		MOBILE		BOTH	
		LANDLINE	%	ONLY	%	ONLY	%	LANDLINE AND MOBILE	%
<b>OVERALL</b>	<b>484,811</b>	<b>11,119</b>	<b>2.3%</b>	<b>66,608</b>	<b>13.7%</b>	<b>115,447</b>	<b>23.8%</b>	<b>291,638</b>	<b>60.2%</b>
<b>FUEL AREA</b>									
Winnipeg City	261,760	5,236	2.0%	31,403	12.0%	61,343	23.4%	163,778	62.6%
Gas Available	140,021	2,516	1.8%	17,586	12.6%	35,685	25.5%	84,234	60.2%
No Gas Available	83,030	3,367	4.1%	17,619	21.2%	18,419	22.2%	43,626	52.5%
<b>DWELLING TYPE</b>									
Single Detached	373,568	7,381	2.0%	49,565	13.3%	77,317	20.7%	239,306	64.1%
Multi Attached	46,834	2,107	4.5%	6,462	13.8%	12,973	27.7%	25,292	54.0%
Apartment Suite	64,409	1,631	2.5%	10,581	16.4%	25,157	39.1%	27,040	42.0%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	1,405	3.7%	2,217	5.9%	14,687	39.0%	19,336	51.4%
1990-2009	89,181	1,661	1.9%	12,018	13.5%	17,349	19.5%	58,154	65.2%
1970-1989	161,749	3,972	2.5%	22,800	14.1%	33,108	20.5%	101,868	63.0%
1950-1969	110,314	2,126	1.9%	15,649	14.2%	27,119	24.6%	65,421	59.3%
Pre 1950	85,922	1,955	2.3%	13,924	16.2%	23,184	27.0%	46,859	54.5%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	6,158	3.2%	32,429	16.9%	46,481	24.3%	106,570	55.6%
Natural Gas Heat	249,938	3,953	1.6%	27,845	11.1%	50,551	20.2%	167,589	67.1%
Other Fuel	6,945	469	6.7%	2,005	28.9%	1,496	21.5%	2,976	42.8%
Shared (No Heat on Bill)	36,289	539	1.5%	4,328	11.9%	16,919	46.6%	14,503	40.0%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	3,489	2.8%	31,294	25.1%	33,870	27.1%	56,126	45.0%
Two	221,729	2,820	1.3%	27,563	12.4%	46,691	21.1%	144,654	65.2%
Three	60,069	1,907	3.2%	2,989	5.0%	15,247	25.4%	39,926	66.5%
Four	48,897	2,163	4.4%	2,381	4.9%	12,693	26.0%	31,660	64.7%
Five +	29,337	740	2.5%	2,380	8.1%	6,946	23.7%	19,271	65.7%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	3,006	5.1%	19,889	33.4%	13,831	23.3%	22,754	38.3%
\$25,000 - \$49,999	137,082	2,778	2.0%	25,852	18.9%	27,828	20.3%	80,624	58.8%
\$50,000 - \$74,999	123,824	2,082	1.7%	12,079	9.8%	30,806	24.9%	78,857	63.7%
\$75,000 - \$99,999	66,780	1,376	2.1%	4,075	6.1%	19,345	29.0%	41,984	62.9%
\$100,000 +	97,644	1,876	1.9%	4,711	4.8%	23,638	24.2%	67,419	69.0%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	5,542	3.5%	38,536	24.2%	32,943	20.7%	81,965	51.6%
No	325,824	5,576	1.7%	28,072	8.6%	82,504	25.3%	209,672	64.4%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	2,600	5.1%	7,456	14.5%	15,951	31.0%	25,422	49.4%
No	409,630	8,101	2.0%	55,132	13.5%	94,779	23.1%	251,618	61.4%
Undeclared	23,751	417	1.8%	4,020	16.9%	4,717	19.9%	14,597	61.5%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	1,579	10.2%	4,417	28.6%	3,375	21.8%	6,086	39.4%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	8,040	1.8%	60,257	13.7%	101,059	23.0%	269,982	61.5%
Satisfactory	22,395	842	3.8%	2,775	12.4%	7,618	34.0%	11,160	49.8%
Poor	23,077	2,237	9.7%	3,576	15.5%	6,769	29.3%	10,495	45.5%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	7,084	1.8%	50,942	12.6%	85,465	21.1%	260,825	64.5%
Rent / Other	80,495	4,035	5.0%	15,666	19.5%	29,981	37.2%	30,813	38.3%

**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.04a**  
**COUNT OF INCANDESCENT LIGHTS IN RESIDENCE**

	TOTAL	NONE	%	1-5	%	6-10	%	11-20	%	21-30	%	31+	%
<b>OVERALL</b>	484,811	156,473	32.3%	128,108	26.4%	86,192	17.8%	65,647	13.5%	36,734	7.6%	11,657	2.4%
<b>FUEL AREA</b>													
Winnipeg City	261,760	84,034	32.1%	78,880	30.1%	44,685	17.1%	30,511	11.7%	18,143	6.9%	5,507	2.1%
Gas Available	140,021	42,851	30.6%	32,625	23.3%	25,550	18.2%	22,655	16.2%	11,368	8.1%	4,972	3.6%
No Gas Available	83,030	29,589	35.6%	16,602	20.0%	15,956	19.2%	12,481	15.0%	7,224	8.7%	1,178	1.4%
<b>DWELLING TYPE</b>													
Single Detached	373,568	117,189	31.4%	95,475	25.6%	67,986	18.2%	53,468	14.3%	28,929	7.7%	10,520	2.8%
Multi Attached	46,834	16,602	35.4%	11,580	24.7%	7,858	16.8%	6,678	14.3%	2,979	6.4%	1,137	2.4%
Apartment Suite	64,409	22,683	35.2%	21,052	32.7%	10,348	16.1%	5,501	8.5%	4,826	7.5%	0	0.0%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	15,175	40.3%	8,423	22.4%	5,727	15.2%	4,186	11.1%	3,050	8.1%	1,084	2.9%
1990-2009	89,181	28,773	32.3%	20,896	23.4%	16,219	18.2%	11,895	13.3%	9,127	10.2%	2,271	2.5%
1970-1989	161,749	48,943	30.3%	40,801	25.2%	30,976	19.2%	25,120	15.5%	11,484	7.1%	4,424	2.7%
1950-1969	110,314	37,570	34.1%	31,601	28.6%	17,296	15.7%	14,016	12.7%	7,274	6.6%	2,557	2.3%
Pre 1950	85,922	26,013	30.3%	26,387	30.7%	15,974	18.6%	10,429	12.1%	5,799	6.7%	1,320	1.5%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	63,782	33.3%	44,882	23.4%	37,416	19.5%	26,974	14.1%	15,356	8.0%	3,228	1.7%
Natural Gas Heat	249,938	76,381	30.6%	70,215	28.1%	41,927	16.8%	34,476	13.8%	18,510	7.4%	8,429	3.4%
Other Fuel	6,945	2,595	37.4%	2,170	31.3%	893	12.9%	893	12.9%	393	5.7%	0	0.0%
Shared (No Heat on Bill)	36,289	13,714	37.8%	10,841	29.9%	5,956	16.4%	3,304	9.1%	2,474	6.8%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	42,366	34.0%	36,713	29.4%	22,486	18.0%	13,956	11.2%	7,977	6.4%	1,281	1.0%
Two	221,729	65,824	29.7%	55,666	25.1%	40,440	18.2%	33,668	15.2%	19,003	8.6%	7,129	3.2%
Three	60,069	19,468	32.4%	16,713	27.8%	10,879	18.1%	8,437	14.0%	3,330	5.5%	1,242	2.1%
Four	48,897	18,719	38.3%	12,098	24.7%	7,691	15.7%	5,450	11.1%	3,971	8.1%	967	2.0%
Five +	29,337	10,097	34.4%	6,918	23.6%	4,695	16.0%	4,136	14.1%	2,453	8.4%	1,037	3.5%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	23,063	38.8%	13,790	23.2%	11,186	18.8%	5,736	9.6%	5,175	8.7%	532	0.9%
\$25,000 - \$49,999	137,082	48,814	35.6%	34,056	24.8%	25,509	18.6%	15,612	11.4%	11,030	8.0%	2,061	1.5%
\$50,000 - \$74,999	123,824	38,216	30.9%	35,265	28.5%	19,812	16.0%	18,589	15.0%	8,687	7.0%	3,255	2.6%
\$75,000 - \$99,999	66,780	19,765	29.6%	18,138	27.2%	10,664	16.0%	12,067	18.1%	4,092	6.1%	2,053	3.1%
\$100,000 +	97,644	26,615	27.3%	26,859	27.5%	19,020	19.5%	13,643	14.0%	7,751	7.9%	3,756	3.8%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	57,676	36.3%	38,633	24.3%	28,715	18.1%	16,891	10.6%	14,262	9.0%	2,811	1.8%
No	325,824	98,797	30.3%	89,475	27.5%	57,477	17.6%	48,756	15.0%	22,473	6.9%	8,846	2.7%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	20,498	39.9%	11,452	22.3%	9,047	17.6%	5,608	10.9%	4,242	8.2%	583	1.1%
No	409,630	126,926	31.0%	110,298	26.9%	73,891	18.0%	57,364	14.0%	30,602	7.5%	10,549	2.6%
Undeclared	23,751	9,049	38.1%	6,358	26.8%	3,253	13.7%	2,675	11.3%	1,890	8.0%	525	2.2%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	6,441	41.7%	2,753	17.8%	2,685	17.4%	1,505	9.7%	2,009	13.0%	62	0.4%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	140,412	32.0%	116,662	26.6%	77,514	17.6%	60,677	13.8%	32,890	7.5%	11,184	2.5%
Satisfactory	22,395	6,857	30.6%	5,658	25.3%	4,264	19.0%	3,273	14.6%	2,017	9.0%	327	1.5%
Poor	23,077	9,205	39.9%	5,788	25.1%	4,414	19.1%	1,697	7.4%	1,827	7.9%	146	0.6%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	127,056	31.4%	105,424	26.1%	72,039	17.8%	58,129	14.4%	30,298	7.5%	11,371	2.8%
Rent / Other	80,495	29,418	36.5%	22,684	28.2%	14,153	17.6%	7,518	9.3%	6,436	8.0%	286	0.4%

**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.04b  
COUNT OF HALOGEN LIGHTS IN RESIDENCE**

	TOTAL	NONE	%	1-5	%	6-10	%	11-20	%	21-30	%	31+	%
<b>OVERALL</b>	484,811	312,772	64.5%	110,292	22.7%	40,265	8.3%	15,899	3.3%	4,051	0.8%	1,532	0.3%
<b>FUEL AREA</b>													
Winnipeg City	261,760	160,127	61.2%	65,519	25.0%	23,707	9.1%	9,667	3.7%	2,051	0.8%	689	0.3%
Gas Available	140,021	93,740	66.9%	28,633	20.4%	11,383	8.1%	4,439	3.2%	1,318	0.9%	508	0.4%
No Gas Available	83,030	58,904	70.9%	16,140	19.4%	5,176	6.2%	1,793	2.2%	682	0.8%	335	0.4%
<b>DWELLING TYPE</b>													
Single Detached	373,568	233,711	62.6%	88,146	23.6%	32,942	8.8%	13,631	3.6%	3,607	1.0%	1,532	0.4%
Multi Attached	46,834	32,952	70.4%	8,024	17.1%	4,018	8.6%	1,686	3.6%	154	0.3%	0	0.0%
Apartment Suite	64,409	46,108	71.6%	14,123	21.9%	3,306	5.1%	582	0.9%	290	0.5%	0	0.0%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	22,613	60.1%	7,061	18.8%	4,276	11.4%	2,360	6.3%	804	2.1%	532	1.4%
1990-2009	89,181	54,272	60.9%	20,691	23.2%	8,645	9.7%	3,820	4.3%	1,540	1.7%	214	0.2%
1970-1989	161,749	107,387	66.4%	37,185	23.0%	12,357	7.6%	4,169	2.6%	651	0.4%	0	0.0%
1950-1969	110,314	71,157	64.5%	26,131	23.7%	8,800	8.0%	2,957	2.7%	713	0.6%	556	0.5%
Pre 1950	85,922	57,343	66.7%	19,224	22.4%	6,188	7.2%	2,593	3.0%	344	0.4%	230	0.3%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	132,100	68.9%	40,219	21.0%	13,109	6.8%	4,291	2.2%	1,385	0.7%	536	0.3%
Natural Gas Heat	249,938	149,692	59.9%	61,784	24.7%	24,481	9.8%	10,609	4.2%	2,376	1.0%	996	0.4%
Other Fuel	6,945	4,978	71.7%	1,364	19.6%	337	4.9%	265	3.8%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	26,002	71.7%	6,925	19.1%	2,338	6.4%	734	2.0%	290	0.8%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	87,835	70.4%	28,040	22.5%	5,934	4.8%	2,113	1.7%	631	0.5%	226	0.2%
Two	221,729	140,799	63.5%	51,015	23.0%	20,034	9.0%	7,479	3.4%	1,643	0.7%	758	0.3%
Three	60,069	36,153	60.2%	13,701	22.8%	6,584	11.0%	3,084	5.1%	432	0.7%	115	0.2%
Four	48,897	29,652	60.6%	10,982	22.5%	5,135	10.5%	1,815	3.7%	1,096	2.2%	217	0.4%
Five +	29,337	18,333	62.5%	6,553	22.3%	2,578	8.8%	1,408	4.8%	248	0.8%	215	0.7%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	47,269	79.5%	8,730	14.7%	2,457	4.1%	764	1.3%	261	0.4%	0	0.0%
\$25,000 - \$49,999	137,082	94,267	68.8%	29,149	21.3%	9,322	6.8%	3,346	2.4%	773	0.6%	226	0.2%
\$50,000 - \$74,999	123,824	79,072	63.9%	30,314	24.5%	9,991	8.1%	3,394	2.7%	742	0.6%	312	0.3%
\$75,000 - \$99,999	66,780	41,857	62.7%	16,815	25.2%	4,494	6.7%	2,966	4.4%	535	0.8%	112	0.2%
\$100,000 +	97,644	50,307	51.5%	25,285	25.9%	14,002	14.3%	5,429	5.6%	1,741	1.8%	881	0.9%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	119,192	75.0%	26,724	16.8%	8,619	5.4%	3,433	2.2%	919	0.6%	100	0.1%
No	325,824	193,580	59.4%	83,569	25.6%	31,646	9.7%	12,465	3.8%	3,133	1.0%	1,431	0.4%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	39,730	77.3%	7,437	14.5%	2,518	4.9%	1,336	2.6%	409	0.8%	0	0.0%
No	409,630	257,295	62.8%	97,420	23.8%	35,990	8.8%	14,080	3.4%	3,428	0.8%	1,417	0.3%
Undeclared	23,751	15,747	66.3%	5,435	22.9%	1,757	7.4%	483	2.0%	214	0.9%	115	0.5%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	12,808	82.9%	1,529	9.9%	746	4.8%	280	1.8%	93	0.6%	0	0.0%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	280,346	63.8%	101,150	23.0%	37,763	8.6%	14,901	3.4%	3,763	0.9%	1,417	0.3%
Satisfactory	22,395	15,766	70.4%	4,701	21.0%	1,205	5.4%	546	2.4%	177	0.8%	0	0.0%
Poor	23,077	16,660	72.2%	4,442	19.2%	1,298	5.6%	451	2.0%	112	0.5%	115	0.5%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	249,969	61.8%	97,472	24.1%	36,667	9.1%	15,077	3.7%	3,699	0.9%	1,431	0.4%
Rent / Other	80,495	62,802	78.0%	12,820	15.9%	3,598	4.5%	821	1.0%	352	0.4%	100	0.1%

**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.04c  
COUNT OF COMPACT FLUORESCENT LIGHTS (CFL) IN RESIDENCE**

	TOTAL	NONE	%	1-5	%	6-10	%	11-20	%	21-30	%	31+	%
<b>OVERALL</b>	484,811	282,370	58.2%	112,370	23.2%	55,612	11.5%	27,960	5.8%	4,681	1.0%	1,817	0.4%
<b>FUEL AREA</b>													
Winnipeg City	261,760	142,703	54.5%	67,392	25.7%	32,309	12.3%	16,131	6.2%	2,244	0.9%	981	0.4%
Gas Available	140,021	84,918	60.6%	28,998	20.7%	16,025	11.4%	8,189	5.8%	1,501	1.1%	390	0.3%
No Gas Available	83,030	54,750	65.9%	15,980	19.2%	7,277	8.8%	3,640	4.4%	937	1.1%	446	0.5%
<b>DWELLING TYPE</b>													
Single Detached	373,568	205,166	54.9%	88,836	23.8%	48,241	12.9%	25,028	6.7%	4,480	1.2%	1,817	0.5%
Multi Attached	46,834	30,940	66.1%	10,277	21.9%	3,661	7.8%	1,955	4.2%	0	0.0%	0	0.0%
Apartment Suite	64,409	46,264	71.8%	13,257	20.6%	3,710	5.8%	977	1.5%	202	0.3%	0	0.0%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	26,103	69.3%	5,250	13.9%	3,432	9.1%	2,114	5.6%	417	1.1%	330	0.9%
1990-2009	89,181	51,282	57.5%	19,301	21.6%	11,410	12.8%	5,867	6.6%	981	1.1%	341	0.4%
1970-1989	161,749	94,971	58.7%	37,387	23.1%	19,000	11.7%	7,932	4.9%	1,738	1.1%	721	0.4%
1950-1969	110,314	65,061	59.0%	26,006	23.6%	11,906	10.8%	6,251	5.7%	891	0.8%	199	0.2%
Pre 1950	85,922	44,953	52.3%	24,426	28.4%	9,866	11.5%	5,796	6.7%	655	0.8%	226	0.3%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	121,761	63.5%	36,500	19.0%	19,974	10.4%	10,493	5.5%	2,103	1.1%	809	0.4%
Natural Gas Heat	249,938	128,348	51.4%	67,273	26.9%	33,707	13.5%	17,023	6.8%	2,578	1.0%	1,008	0.4%
Other Fuel	6,945	5,243	75.5%	1,364	19.6%	337	4.9%	0	0.0%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	27,019	74.5%	7,233	19.9%	1,594	4.4%	444	1.2%	0	0.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	82,811	66.4%	26,161	21.0%	10,692	8.6%	4,312	3.5%	692	0.6%	112	0.1%
Two	221,729	127,681	57.6%	55,105	24.9%	25,428	11.5%	10,915	4.9%	2,178	1.0%	422	0.2%
Three	60,069	31,045	51.7%	13,957	23.2%	8,683	14.5%	4,920	8.2%	790	1.3%	673	1.1%
Four	48,897	25,588	52.3%	10,810	22.1%	6,610	13.5%	4,851	9.9%	605	1.2%	432	0.9%
Five +	29,337	15,245	52.0%	6,337	21.6%	4,198	14.3%	2,963	10.1%	416	1.4%	178	0.6%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	46,031	77.4%	9,320	15.7%	3,175	5.3%	924	1.6%	31	0.1%	0	0.0%
\$25,000 - \$49,999	137,082	86,805	63.3%	29,846	21.8%	13,155	9.6%	6,190	4.5%	752	0.5%	335	0.2%
\$50,000 - \$74,999	123,824	68,630	55.4%	30,477	24.6%	15,603	12.6%	7,646	6.2%	1,180	1.0%	287	0.2%
\$75,000 - \$99,999	66,780	33,891	50.8%	17,772	26.6%	9,366	14.0%	4,422	6.6%	873	1.3%	456	0.7%
\$100,000 +	97,644	47,013	48.1%	24,955	25.6%	14,313	14.7%	8,778	9.0%	1,845	1.9%	740	0.8%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	110,630	69.6%	29,573	18.6%	13,129	8.3%	4,830	3.0%	712	0.4%	112	0.1%
No	325,824	171,740	52.7%	82,797	25.4%	42,483	13.0%	23,130	7.1%	3,969	1.2%	1,706	0.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	33,389	64.9%	10,546	20.5%	5,117	10.0%	1,820	3.5%	557	1.1%	0	0.0%
No	409,630	234,198	57.2%	97,368	23.8%	47,863	11.7%	24,678	6.0%	3,817	0.9%	1,706	0.4%
Undeclared	23,751	14,784	62.2%	4,456	18.8%	2,631	11.1%	1,462	6.2%	307	1.3%	112	0.5%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	12,361	80.0%	1,846	11.9%	715	4.6%	441	2.9%	93	0.6%	0	0.0%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	253,877	57.8%	103,357	23.5%	50,806	11.6%	25,426	5.8%	4,349	1.0%	1,524	0.3%
Satisfactory	22,395	12,567	56.1%	5,009	22.4%	3,269	14.6%	1,321	5.9%	230	1.0%	0	0.0%
Poor	23,077	15,926	69.0%	4,004	17.4%	1,538	6.7%	1,213	5.3%	103	0.4%	293	1.3%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	222,269	55.0%	97,453	24.1%	51,728	12.8%	26,633	6.6%	4,417	1.1%	1,817	0.4%
Rent / Other	80,495	60,102	74.7%	14,917	18.5%	3,884	4.8%	1,328	1.6%	264	0.3%	0	0.0%

**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.04d  
COUNT OF LIGHT EMITTING DIODE (LED) LIGHTS IN RESIDENCE**

	TOTAL	NONE	%	1-5	%	6-10	%	11-20	%	21-30	%	31+	%
<b>OVERALL</b>	484,811	134,918	27.8%	94,386	19.5%	76,053	15.7%	134,527	27.7%	27,957	5.8%	16,970	3.5%
<b>FUEL AREA</b>													
Winnipeg City	261,760	69,949	26.7%	56,107	21.4%	42,836	16.4%	70,560	27.0%	14,773	5.6%	7,535	2.9%
Gas Available	140,021	36,903	26.4%	24,283	17.3%	21,065	15.0%	40,373	28.8%	9,879	7.1%	7,519	5.4%
No Gas Available	83,030	28,066	33.8%	13,996	16.9%	12,153	14.6%	23,594	28.4%	3,305	4.0%	1,916	2.3%
<b>DWELLING TYPE</b>													
Single Detached	373,568	91,731	24.6%	69,724	18.7%	59,664	16.0%	111,467	29.8%	24,741	6.6%	16,241	4.3%
Multi Attached	46,834	16,701	35.7%	10,269	21.9%	7,250	15.5%	9,575	20.4%	2,473	5.3%	566	1.2%
Apartment Suite	64,409	26,486	41.1%	14,393	22.3%	9,140	14.2%	13,484	20.9%	743	1.2%	163	0.3%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	9,016	23.9%	5,703	15.1%	5,255	14.0%	8,348	22.2%	4,616	12.3%	4,708	12.5%
1990-2009	89,181	23,956	26.9%	14,428	16.2%	13,284	14.9%	26,242	29.4%	6,954	7.8%	4,317	4.8%
1970-1989	161,749	45,481	28.1%	31,548	19.5%	29,620	18.3%	43,800	27.1%	7,480	4.6%	3,819	2.4%
1950-1969	110,314	29,987	27.2%	22,918	20.8%	16,285	14.8%	33,611	30.5%	5,297	4.8%	2,217	2.0%
Pre 1950	85,922	26,478	30.8%	19,788	23.0%	11,610	13.5%	22,526	26.2%	3,611	4.2%	1,909	2.2%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	61,852	32.3%	32,981	17.2%	30,356	15.8%	51,465	26.9%	10,163	5.3%	4,823	2.5%
Natural Gas Heat	249,938	54,871	22.0%	51,576	20.6%	42,172	16.9%	72,089	28.8%	17,214	6.9%	12,016	4.8%
Other Fuel	6,945	2,386	34.4%	690	9.9%	337	4.9%	3,401	49.0%	0	0.0%	131	1.9%
Shared (No Heat on Bill)	36,289	15,809	43.6%	9,139	25.2%	3,188	8.8%	7,572	20.9%	580	1.6%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	46,597	37.3%	27,920	22.4%	18,052	14.5%	28,731	23.0%	2,609	2.1%	871	0.7%
Two	221,729	57,879	26.1%	43,855	19.8%	34,957	15.8%	64,729	29.2%	13,360	6.0%	6,948	3.1%
Three	60,069	14,769	24.6%	10,536	17.5%	10,556	17.6%	16,734	27.9%	4,579	7.6%	2,894	4.8%
Four	48,897	8,623	17.6%	8,467	17.3%	6,871	14.1%	16,156	33.0%	4,103	8.4%	4,676	9.6%
Five +	29,337	7,049	24.0%	3,608	12.3%	5,617	19.1%	8,176	27.9%	3,306	11.3%	1,581	5.4%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	28,319	47.6%	8,222	13.8%	7,200	12.1%	14,723	24.8%	774	1.3%	243	0.4%
\$25,000 - \$49,999	137,082	44,974	32.8%	26,688	19.5%	17,646	12.9%	40,092	29.2%	5,847	4.3%	1,835	1.3%
\$50,000 - \$74,999	123,824	28,816	23.3%	28,279	22.8%	21,776	17.6%	33,592	27.1%	8,043	6.5%	3,318	2.7%
\$75,000 - \$99,999	66,780	14,019	21.0%	14,895	22.3%	12,505	18.7%	17,353	26.0%	4,720	7.1%	3,289	4.9%
\$100,000 +	97,644	18,790	19.2%	16,303	16.7%	16,926	17.3%	28,767	29.5%	8,574	8.8%	8,285	8.5%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	61,619	38.8%	25,490	16.0%	21,099	13.3%	42,754	26.9%	6,258	3.9%	1,767	1.1%
No	325,824	73,299	22.5%	68,896	21.1%	54,954	16.9%	91,773	28.2%	21,699	6.7%	15,203	4.7%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	17,806	34.6%	9,197	17.9%	5,490	10.7%	15,754	30.6%	1,925	3.7%	1,256	2.4%
No	409,630	110,660	27.0%	80,803	19.7%	67,430	16.5%	111,928	27.3%	24,194	5.9%	14,615	3.6%
Undeclared	23,751	6,452	27.2%	4,386	18.5%	3,133	13.2%	6,845	28.8%	1,838	7.7%	1,099	4.6%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	7,734	50.0%	2,027	13.1%	1,529	9.9%	3,941	25.5%	93	0.6%	131	0.8%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	118,924	27.1%	87,210	19.9%	67,635	15.4%	122,612	27.9%	26,599	6.1%	16,359	3.7%
Satisfactory	22,395	7,283	32.5%	4,196	18.7%	4,610	20.6%	5,490	24.5%	305	1.4%	511	2.3%
Poor	23,077	8,710	37.7%	2,980	12.9%	3,809	16.5%	6,425	27.8%	1,053	4.6%	100	0.4%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	96,461	23.9%	77,499	19.2%	66,438	16.4%	120,115	29.7%	27,224	6.7%	16,579	4.1%
Rent / Other	80,495	38,457	47.8%	16,887	21.0%	9,615	11.9%	14,412	17.9%	733	0.9%	391	0.5%

**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.04e  
COUNT OF TUBE FLUORESCENT LIGHTS IN RESIDENCE**

	TOTAL	NONE	%	1-5	%	6-10	%	11-20	%	21-30	%	31+	%
<b>OVERALL</b>	484,811	225,605	46.5%	198,320	40.9%	38,644	8.0%	17,614	3.6%	3,211	0.7%	1,418	0.3%
<b>FUEL AREA</b>													
Winnipeg City	261,760	121,019	46.2%	109,889	42.0%	20,565	7.9%	8,235	3.1%	1,417	0.5%	634	0.2%
Gas Available	140,021	61,063	43.6%	58,585	41.8%	11,633	8.3%	6,861	4.9%	1,206	0.9%	672	0.5%
No Gas Available	83,030	43,522	52.4%	29,845	35.9%	6,445	7.8%	2,517	3.0%	589	0.7%	112	0.1%
<b>DWELLING TYPE</b>													
Single Detached	373,568	156,227	41.8%	159,567	42.7%	36,553	9.8%	17,037	4.6%	3,057	0.8%	1,128	0.3%
Multi Attached	46,834	27,224	58.1%	17,857	38.1%	1,185	2.5%	414	0.9%	154	0.3%	0	0.0%
Apartment Suite	64,409	42,154	65.4%	20,896	32.4%	906	1.4%	163	0.3%	0	0.0%	290	0.5%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	25,997	69.1%	9,808	26.1%	1,105	2.9%	406	1.1%	230	0.6%	100	0.3%
1990-2009	89,181	39,413	44.2%	38,654	43.3%	7,332	8.2%	3,072	3.4%	397	0.4%	312	0.4%
1970-1989	161,749	68,232	42.2%	69,930	43.2%	14,368	8.9%	7,427	4.6%	1,292	0.8%	500	0.3%
1950-1969	110,314	46,953	42.6%	46,822	42.4%	10,791	9.8%	4,812	4.4%	432	0.4%	505	0.5%
Pre 1950	85,922	45,011	52.4%	33,106	38.5%	5,048	5.9%	1,897	2.2%	860	1.0%	0	0.0%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	98,019	51.1%	73,393	38.3%	12,396	6.5%	6,176	3.2%	974	0.5%	681	0.4%
Natural Gas Heat	249,938	98,620	39.5%	111,867	44.8%	25,331	10.1%	11,438	4.6%	2,237	0.9%	447	0.2%
Other Fuel	6,945	4,481	64.5%	2,126	30.6%	337	4.9%	0	0.0%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	24,484	67.5%	10,934	30.1%	580	1.6%	0	0.0%	0	0.0%	290	0.8%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	66,117	53.0%	49,955	40.0%	6,003	4.8%	2,192	1.8%	223	0.2%	290	0.2%
Two	221,729	94,300	42.5%	93,788	42.3%	21,358	9.6%	10,168	4.6%	1,575	0.7%	540	0.2%
Three	60,069	27,446	45.7%	24,877	41.4%	4,957	8.3%	2,378	4.0%	226	0.4%	184	0.3%
Four	48,897	22,889	46.8%	20,257	41.4%	3,750	7.7%	1,364	2.8%	638	1.3%	0	0.0%
Five +	29,337	14,852	50.6%	9,443	32.2%	2,576	8.8%	1,512	5.2%	549	1.9%	404	1.4%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	35,624	59.9%	21,424	36.0%	1,442	2.4%	677	1.1%	212	0.4%	103	0.2%
\$25,000 - \$49,999	137,082	64,265	46.9%	56,529	41.2%	10,972	8.0%	4,320	3.2%	592	0.4%	405	0.3%
\$50,000 - \$74,999	123,824	55,482	44.8%	53,039	42.8%	9,758	7.9%	4,221	3.4%	1,038	0.8%	285	0.2%
\$75,000 - \$99,999	66,780	30,607	45.8%	25,496	38.2%	6,137	9.2%	3,863	5.8%	593	0.9%	84	0.1%
\$100,000 +	97,644	39,627	40.6%	41,832	42.8%	10,335	10.6%	4,532	4.6%	777	0.8%	542	0.6%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	84,821	53.4%	59,985	37.7%	9,243	5.8%	3,828	2.4%	692	0.4%	418	0.3%
No	325,824	140,784	43.2%	138,334	42.5%	29,401	9.0%	13,786	4.2%	2,519	0.8%	1,000	0.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	30,380	59.1%	17,334	33.7%	2,440	4.7%	941	1.8%	234	0.5%	100	0.2%
No	409,630	184,180	45.0%	171,780	41.9%	34,081	8.3%	15,533	3.8%	2,739	0.7%	1,318	0.3%
Undeclared	23,751	11,044	46.5%	9,206	38.8%	2,124	8.9%	1,139	4.8%	238	1.0%	0	0.0%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	11,048	71.5%	3,879	25.1%	435	2.8%	62	0.4%	31	0.2%	0	0.0%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	199,331	45.4%	182,932	41.6%	36,646	8.3%	16,252	3.7%	2,963	0.7%	1,215	0.3%
Satisfactory	22,395	13,359	59.7%	7,487	33.4%	829	3.7%	517	2.3%	103	0.5%	100	0.4%
Poor	23,077	12,915	56.0%	7,901	34.2%	1,169	5.1%	844	3.7%	146	0.6%	103	0.4%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	172,183	42.6%	173,195	42.8%	37,510	9.3%	17,088	4.2%	3,211	0.8%	1,128	0.3%
Rent / Other	80,495	53,421	66.4%	25,125	31.2%	1,133	1.4%	525	0.7%	0	0.0%	290	0.4%

**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.05  
LED LIGHTS PURCHASED THROUGH MANITOBA HYDRO'S INSTANT REBATE PROMOTION**

	TOTAL	NONE	%	1-5	%	6-10	%	11-20	%	21-30	%	31+	%
<b>OVERALL</b>	484,811	286,487	59.1%	66,080	13.6%	53,171	11.0%	50,463	10.4%	16,898	3.5%	11,711	2.4%
<b>FUEL AREA</b>													
Winnipeg City	261,760	151,927	58.0%	37,254	14.2%	28,867	11.0%	29,130	11.1%	9,038	3.5%	5,544	2.1%
Gas Available	140,021	80,309	57.4%	18,874	13.5%	14,490	10.3%	15,926	11.4%	5,814	4.2%	4,607	3.3%
No Gas Available	83,030	54,250	65.3%	9,952	12.0%	9,814	11.8%	5,407	6.5%	2,046	2.5%	1,559	1.9%
<b>DWELLING TYPE</b>													
Single Detached	373,568	206,722	55.3%	50,919	13.6%	44,601	11.9%	44,585	11.9%	15,701	4.2%	11,040	3.0%
Multi Attached	46,834	33,014	70.5%	6,016	12.8%	4,014	8.6%	2,612	5.6%	871	1.9%	306	0.7%
Apartment Suite	64,409	46,751	72.6%	9,146	14.2%	4,556	7.1%	3,266	5.1%	326	0.5%	365	0.6%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	22,701	60.3%	2,945	7.8%	3,050	8.1%	4,916	13.1%	2,276	6.0%	1,756	4.7%
1990-2009	89,181	50,982	57.2%	10,430	11.7%	9,403	10.5%	10,912	12.2%	4,086	4.6%	3,369	3.8%
1970-1989	161,749	93,607	57.9%	23,696	14.7%	18,956	11.7%	16,687	10.3%	5,053	3.1%	3,749	2.3%
1950-1969	110,314	65,570	59.4%	16,423	14.9%	12,318	11.2%	11,015	10.0%	3,330	3.0%	1,659	1.5%
Pre 1950	85,922	53,627	62.4%	12,585	14.6%	9,445	11.0%	6,934	8.1%	2,153	2.5%	1,178	1.4%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	121,662	63.5%	23,864	12.5%	19,871	10.4%	16,220	8.5%	6,416	3.3%	3,607	1.9%
Natural Gas Heat	249,938	133,361	53.4%	35,473	14.2%	30,894	12.4%	31,960	12.8%	10,482	4.2%	7,767	3.1%
Other Fuel	6,945	4,041	58.2%	734	10.6%	1,143	16.5%	690	9.9%	0	0.0%	337	4.9%
Shared (No Heat on Bill)	36,289	27,423	75.6%	6,009	16.6%	1,263	3.5%	1,594	4.4%	0	0.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	84,247	67.5%	18,906	15.2%	11,130	8.9%	7,772	6.2%	1,900	1.5%	824	0.7%
Two	221,729	127,071	57.3%	30,005	13.5%	26,514	12.0%	26,378	11.9%	7,456	3.4%	4,306	1.9%
Three	60,069	34,526	57.5%	7,761	12.9%	6,783	11.3%	6,356	10.6%	2,353	3.9%	2,291	3.8%
Four	48,897	23,762	48.6%	6,527	13.3%	6,158	12.6%	6,414	13.1%	3,065	6.3%	2,970	6.1%
Five +	29,337	16,880	57.5%	2,881	9.8%	2,587	8.8%	3,543	12.1%	2,124	7.2%	1,321	4.5%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	43,760	73.6%	7,186	12.1%	6,110	10.3%	1,858	3.1%	441	0.7%	124	0.2%
\$25,000 - \$49,999	137,082	87,430	63.8%	19,664	14.3%	13,976	10.2%	11,198	8.2%	2,929	2.1%	1,885	1.4%
\$50,000 - \$74,999	123,824	71,741	57.9%	16,608	13.4%	14,165	11.4%	14,019	11.3%	4,631	3.7%	2,660	2.1%
\$75,000 - \$99,999	66,780	35,107	52.6%	9,478	14.2%	8,038	12.0%	9,715	14.5%	2,608	3.9%	1,834	2.7%
\$100,000 +	97,644	48,449	49.6%	13,144	13.5%	10,882	11.1%	13,673	14.0%	6,289	6.4%	5,207	5.3%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	108,096	68.0%	19,583	12.3%	15,195	9.6%	10,772	6.8%	3,710	2.3%	1,631	1.0%
No	325,824	178,391	54.8%	46,497	14.3%	37,976	11.7%	39,692	12.2%	13,188	4.0%	10,080	3.1%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	34,402	66.9%	5,351	10.4%	4,676	9.1%	3,729	7.3%	1,761	3.4%	1,511	2.9%
No	409,630	238,907	58.3%	58,739	14.3%	45,981	11.2%	42,604	10.4%	14,011	3.4%	9,388	2.3%
Undeclared	23,751	13,179	55.5%	1,990	8.4%	2,514	10.6%	4,131	17.4%	1,125	4.7%	812	3.4%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	11,851	76.7%	1,635	10.6%	1,125	7.3%	596	3.9%	62	0.4%	187	1.2%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	254,814	58.0%	60,476	13.8%	49,501	11.3%	47,885	10.9%	15,730	3.6%	10,932	2.5%
Satisfactory	22,395	15,230	68.0%	2,333	10.4%	2,307	10.3%	2,086	9.3%	305	1.4%	134	0.6%
Poor	23,077	16,443	71.3%	3,271	14.2%	1,363	5.9%	493	2.1%	862	3.7%	645	2.8%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	223,885	55.4%	57,621	14.3%	47,921	11.9%	47,279	11.7%	16,572	4.1%	11,037	2.7%
Rent / Other	80,495	62,602	77.8%	8,458	10.5%	5,250	6.5%	3,184	4.0%	326	0.4%	674	0.8%



**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.06  
LED LIGHTS PURCHASED NOT DURING MANITOBA HYDRO'S INSTANT REBATE PROMOTION**

	TOTAL	NONE	%	1-5	%	6-10	%	11-20	%	21-30	%	31+	%
<b>OVERALL</b>	484,811	261,151	53.9%	111,134	22.9%	56,596	11.7%	37,464	7.7%	11,366	2.3%	7,100	1.5%
<b>FUEL AREA</b>													
Winnipeg City	261,760	140,054	53.5%	63,825	24.4%	28,237	10.8%	20,706	7.9%	5,425	2.1%	3,512	1.3%
Gas Available	140,021	73,367	52.4%	31,429	22.4%	17,893	12.8%	10,879	7.8%	3,833	2.7%	2,620	1.9%
No Gas Available	83,030	47,730	57.5%	15,879	19.1%	10,465	12.6%	5,879	7.1%	2,109	2.5%	968	1.2%
<b>DWELLING TYPE</b>													
Single Detached	373,568	189,986	50.9%	88,776	23.8%	48,169	12.9%	29,783	8.0%	10,440	2.8%	6,415	1.7%
Multi Attached	46,834	27,611	59.0%	9,215	19.7%	4,412	9.4%	4,564	9.7%	927	2.0%	105	0.2%
Apartment Suite	64,409	43,554	67.6%	13,143	20.4%	4,014	6.2%	3,118	4.8%	0	0.0%	580	0.9%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	20,970	55.7%	7,177	19.1%	3,061	8.1%	3,880	10.3%	1,407	3.7%	1,151	3.1%
1990-2009	89,181	45,632	51.2%	20,004	22.4%	11,704	13.1%	7,870	8.8%	2,404	2.7%	1,567	1.8%
1970-1989	161,749	87,379	54.0%	39,478	24.4%	19,829	12.3%	10,231	6.3%	3,021	1.9%	1,810	1.1%
1950-1969	110,314	58,103	52.7%	25,047	22.7%	12,416	11.3%	9,844	8.9%	2,999	2.7%	1,905	1.7%
Pre 1950	85,922	49,066	57.1%	19,428	22.6%	9,586	11.2%	5,639	6.6%	1,535	1.8%	668	0.8%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	108,899	56.8%	40,330	21.0%	20,844	10.9%	14,454	7.5%	4,479	2.3%	2,635	1.4%
Natural Gas Heat	249,938	123,560	49.4%	62,575	25.0%	32,644	13.1%	20,386	8.2%	6,888	2.8%	3,885	1.6%
Other Fuel	6,945	3,544	51.0%	1,699	24.5%	1,702	24.5%	0	0.0%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	25,148	69.3%	6,530	18.0%	1,406	3.9%	2,625	7.2%	0	0.0%	580	1.6%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	79,563	63.8%	27,135	21.7%	9,643	7.7%	6,665	5.3%	1,111	0.9%	662	0.5%
Two	221,729	115,277	52.0%	53,151	24.0%	28,217	12.7%	16,986	7.7%	5,326	2.4%	2,772	1.3%
Three	60,069	30,264	50.4%	14,079	23.4%	8,335	13.9%	4,908	8.2%	1,435	2.4%	1,049	1.7%
Four	48,897	21,459	43.9%	11,739	24.0%	6,980	14.3%	6,031	12.3%	1,463	3.0%	1,225	2.5%
Five +	29,337	14,588	49.7%	5,030	17.1%	3,422	11.7%	2,874	9.8%	2,032	6.9%	1,391	4.7%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	40,613	68.3%	9,995	16.8%	5,822	9.8%	1,921	3.2%	863	1.5%	267	0.4%
\$25,000 - \$49,999	137,082	80,226	58.5%	29,156	21.3%	13,181	9.6%	9,723	7.1%	2,917	2.1%	1,879	1.4%
\$50,000 - \$74,999	123,824	63,878	51.6%	30,606	24.7%	14,229	11.5%	10,672	8.6%	2,790	2.3%	1,647	1.3%
\$75,000 - \$99,999	66,780	31,129	46.6%	17,859	26.7%	9,981	14.9%	5,860	8.8%	1,304	2.0%	648	1.0%
\$100,000 +	97,644	45,305	46.4%	23,517	24.1%	13,383	13.7%	9,289	9.5%	3,492	3.6%	2,659	2.7%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	99,664	62.7%	29,227	18.4%	16,000	10.1%	9,074	5.7%	3,817	2.4%	1,206	0.8%
No	325,824	161,487	49.6%	81,906	25.1%	40,596	12.5%	28,391	8.7%	7,549	2.3%	5,894	1.8%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	31,187	60.6%	9,977	19.4%	5,460	10.6%	3,468	6.7%	949	1.8%	387	0.8%
No	409,630	217,558	53.1%	96,471	23.6%	47,906	11.7%	31,958	7.8%	9,370	2.3%	6,368	1.6%
Undeclared	23,751	12,406	52.2%	4,686	19.7%	3,229	13.6%	2,038	8.6%	1,048	4.4%	344	1.4%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	11,148	72.1%	1,852	12.0%	1,461	9.5%	591	3.8%	218	1.4%	187	1.2%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	234,658	53.4%	102,142	23.2%	50,635	11.5%	34,859	7.9%	10,497	2.4%	6,548	1.5%
Satisfactory	22,395	12,035	53.7%	5,696	25.4%	2,829	12.6%	1,240	5.5%	480	2.1%	115	0.5%
Poor	23,077	14,458	62.7%	3,295	14.3%	3,132	13.6%	1,365	5.9%	389	1.7%	438	1.9%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	204,319	50.5%	97,489	24.1%	51,092	12.6%	34,241	8.5%	10,965	2.7%	6,211	1.5%
Rent / Other	80,495	56,832	70.6%	13,644	17.0%	5,504	6.8%	3,224	4.0%	402	0.5%	889	1.1%



**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.07  
INFLUENCE OF MANITOBA HYDRO'S INSTANT REBATE PROMOTION TO BUY LED LIGHTS**

	DID NOT BUY			DID NOT INFLUENCE		SOMEWHAT INFLUENCED		STRONGLY INFLUENCED	
	TOTAL	BUY	%	INFLUENCE	%	INFLUENCED	%	INFLUENCED	%
<b>OVERALL</b>	484,811	143,888	29.7%	147,046	30.3%	99,398	20.5%	94,478	19.5%
<b>FUEL AREA</b>									
Winnipeg City	261,760	74,865	28.6%	81,013	30.9%	51,447	19.7%	54,434	20.8%
Gas Available	140,021	40,345	28.8%	42,125	30.1%	28,768	20.5%	28,783	20.6%
No Gas Available	83,030	28,678	34.5%	23,908	28.8%	19,183	23.1%	11,260	13.6%
<b>DWELLING TYPE</b>									
Single Detached	373,568	100,169	26.8%	109,110	29.2%	82,951	22.2%	81,337	21.8%
Multi Attached	46,834	16,382	35.0%	16,695	35.6%	6,842	14.6%	6,915	14.8%
Apartment Suite	64,409	27,337	42.4%	21,241	33.0%	9,604	14.9%	6,226	9.7%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	10,450	27.8%	12,383	32.9%	5,799	15.4%	9,014	23.9%
1990-2009	89,181	25,740	28.9%	26,286	29.5%	18,391	20.6%	18,764	21.0%
1970-1989	161,749	47,862	29.6%	48,504	30.0%	33,989	21.0%	31,394	19.4%
1950-1969	110,314	32,181	29.2%	33,774	30.6%	22,256	20.2%	22,103	20.0%
Pre 1950	85,922	27,655	32.2%	26,100	30.4%	18,963	22.1%	13,204	15.4%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	63,308	33.0%	57,869	30.2%	39,952	20.8%	30,509	15.9%
Natural Gas Heat	249,938	61,779	24.7%	74,552	29.8%	54,246	21.7%	59,361	23.8%
Other Fuel	6,945	2,386	34.4%	1,873	27.0%	1,336	19.2%	1,350	19.4%
Shared (No Heat on Bill)	36,289	16,415	45.2%	12,752	35.1%	3,864	10.6%	3,258	9.0%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	46,927	37.6%	37,821	30.3%	23,715	19.0%	16,317	13.1%
Two	221,729	61,392	27.7%	69,536	31.4%	48,148	21.7%	42,652	19.2%
Three	60,069	17,326	28.8%	17,982	29.9%	10,928	18.2%	13,834	23.0%
Four	48,897	10,133	20.7%	13,199	27.0%	11,630	23.8%	13,933	28.5%
Five +	29,337	8,110	27.6%	8,508	29.0%	4,977	17.0%	7,741	26.4%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	27,205	45.7%	16,689	28.1%	10,680	18.0%	4,907	8.3%
\$25,000 - \$49,999	137,082	44,937	32.8%	40,663	29.7%	30,110	22.0%	21,372	15.6%
\$50,000 - \$74,999	123,824	33,060	26.7%	39,941	32.3%	26,685	21.6%	24,138	19.5%
\$75,000 - \$99,999	66,780	17,108	25.6%	20,045	30.0%	12,972	19.4%	16,654	24.9%
\$100,000 +	97,644	21,578	22.1%	29,709	30.4%	18,951	19.4%	27,406	28.1%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	62,207	39.1%	43,714	27.5%	32,323	20.3%	20,742	13.0%
No	325,824	81,681	25.1%	103,332	31.7%	67,075	20.6%	73,736	22.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	18,817	36.6%	15,778	30.7%	9,139	17.8%	7,696	15.0%
No	409,630	118,548	28.9%	123,970	30.3%	85,280	20.8%	81,833	20.0%
Undeclared	23,751	6,523	27.5%	7,299	30.7%	4,980	21.0%	4,949	20.8%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	7,761	50.2%	4,450	28.8%	2,592	16.8%	653	4.2%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	125,744	28.6%	131,422	29.9%	92,626	21.1%	89,546	20.4%
Satisfactory	22,395	8,204	36.6%	8,037	35.9%	3,309	14.8%	2,845	12.7%
Poor	23,077	9,940	43.1%	7,588	32.9%	3,463	15.0%	2,086	9.0%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	104,111	25.7%	123,500	30.5%	87,904	21.7%	88,802	22.0%
Rent / Other	80,495	39,777	49.4%	23,546	29.3%	11,495	14.3%	5,676	7.1%

**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.08  
IF THERE WASN'T A PROMOTION, WOULD YOU HAVE PURCHASED LED LIGHTS**

	TOTAL	WOULD NOT BUY	%	WOULD BUY LESS	%	WOULD BUY THE SAME	%	NO LED BULBS	%
<b>OVERALL</b>	484,811	61,101	12.6%	105,984	21.9%	199,792	41.2%	117,934	24.3%
<b>FUEL AREA</b>									
Winnipeg City	261,760	33,202	12.7%	60,075	23.0%	108,493	41.4%	59,990	22.9%
Gas Available	140,021	18,480	13.2%	31,014	22.1%	57,185	40.8%	33,342	23.8%
No Gas Available	83,030	9,419	11.3%	14,895	17.9%	34,114	41.1%	24,602	29.6%
<b>DWELLING TYPE</b>									
Single Detached	373,568	48,764	13.1%	90,085	24.1%	153,630	41.1%	81,089	21.7%
Multi Attached	46,834	4,977	10.6%	7,030	15.0%	20,602	44.0%	14,224	30.4%
Apartment Suite	64,409	7,359	11.4%	8,869	13.8%	25,560	39.7%	22,621	35.1%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	4,297	11.4%	9,152	24.3%	16,829	44.7%	7,367	19.6%
1990-2009	89,181	11,177	12.5%	19,417	21.8%	37,689	42.3%	20,898	23.4%
1970-1989	161,749	20,173	12.5%	35,225	21.8%	66,064	40.8%	40,286	24.9%
1950-1969	110,314	15,750	14.3%	23,005	20.9%	44,519	40.4%	27,040	24.5%
Pre 1950	85,922	9,704	11.3%	19,184	22.3%	34,691	40.4%	22,343	26.0%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	22,236	11.6%	37,543	19.6%	79,112	41.3%	52,748	27.5%
Natural Gas Heat	249,938	33,919	13.6%	62,050	24.8%	104,429	41.8%	49,540	19.8%
Other Fuel	6,945	734	10.6%	2,039	29.4%	1,917	27.6%	2,255	32.5%
Shared (No Heat on Bill)	36,289	4,212	11.6%	4,352	12.0%	14,334	39.5%	13,391	36.9%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	13,902	11.1%	21,410	17.2%	50,400	40.4%	39,068	31.3%
Two	221,729	25,897	11.7%	50,824	22.9%	93,799	42.3%	51,210	23.1%
Three	60,069	9,056	15.1%	12,861	21.4%	24,332	40.5%	13,820	23.0%
Four	48,897	7,707	15.8%	13,293	27.2%	20,000	40.9%	7,897	16.1%
Five +	29,337	4,539	15.5%	7,596	25.9%	11,262	38.4%	5,940	20.2%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	6,369	10.7%	7,645	12.9%	20,243	34.0%	25,224	42.4%
\$25,000 - \$49,999	137,082	16,969	12.4%	25,340	18.5%	56,086	40.9%	38,688	28.2%
\$50,000 - \$74,999	123,824	15,072	12.2%	27,431	22.2%	56,524	45.6%	24,797	20.0%
\$75,000 - \$99,999	66,780	8,102	12.1%	17,793	26.6%	27,746	41.5%	13,139	19.7%
\$100,000 +	97,644	14,589	14.9%	27,775	28.4%	39,195	40.1%	16,085	16.5%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	20,391	12.8%	25,250	15.9%	59,254	37.3%	54,092	34.0%
No	325,824	40,710	12.5%	80,734	24.8%	140,538	43.1%	63,842	19.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	8,214	16.0%	8,263	16.1%	20,017	38.9%	14,935	29.0%
No	409,630	49,958	12.2%	92,102	22.5%	169,836	41.5%	97,735	23.9%
Undeclared	23,751	2,928	12.3%	5,620	23.7%	9,940	41.8%	5,264	22.2%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	2,045	13.2%	1,648	10.7%	5,490	35.5%	6,273	40.6%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	55,935	12.7%	99,825	22.7%	180,218	41.0%	103,360	23.5%
Satisfactory	22,395	2,615	11.7%	3,403	15.2%	10,160	45.4%	6,217	27.8%
Poor	23,077	2,551	11.1%	2,756	11.9%	9,414	40.8%	8,357	36.2%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	52,395	13.0%	97,347	24.1%	169,365	41.9%	85,209	21.1%
Rent / Other	80,495	8,706	10.8%	8,637	10.7%	30,427	37.8%	32,725	40.7%

**2017 RESIDENTIAL SURVEY SECTION 6 - ELECTRONICS AND LIGHTING - REFERENCE TABLE 6.09  
USE OF OUTDOOR SEASONAL LIGHTS**

	TOTAL	NONE	%	LED LIGHTS	%	INCANDESCENT LIGHTS	%	BOTH LED AND INCANDESCENT	%
<b>OVERALL</b>	484,811	235,908	48.7%	163,249	33.7%	41,150	8.5%	44,505	9.2%
<b>FUEL AREA</b>									
Winnipeg City	261,760	135,603	51.8%	87,841	33.6%	20,399	7.8%	17,917	6.8%
Gas Available	140,021	59,897	42.8%	49,643	35.5%	13,352	9.5%	17,129	12.2%
No Gas Available	83,030	40,408	48.7%	25,764	31.0%	7,399	8.9%	9,459	11.4%
<b>DWELLING TYPE</b>									
Single Detached	373,568	163,235	43.7%	139,582	37.4%	33,092	8.9%	37,660	10.1%
Multi Attached	46,834	27,856	59.5%	11,172	23.9%	4,594	9.8%	3,211	6.9%
Apartment Suite	64,409	44,817	69.6%	12,494	19.4%	3,464	5.4%	3,634	5.6%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	17,469	46.4%	15,379	40.9%	1,372	3.6%	3,425	9.1%
1990-2009	89,181	38,187	42.8%	35,094	39.4%	6,914	7.8%	8,987	10.1%
1970-1989	161,749	78,681	48.6%	50,401	31.2%	15,386	9.5%	17,281	10.7%
1950-1969	110,314	53,568	48.6%	37,724	34.2%	10,975	9.9%	8,048	7.3%
Pre 1950	85,922	48,004	55.9%	24,651	28.7%	6,503	7.6%	6,764	7.9%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	97,059	50.6%	57,473	30.0%	16,538	8.6%	20,568	10.7%
Natural Gas Heat	249,938	109,626	43.9%	97,005	38.8%	20,633	8.3%	22,674	9.1%
Other Fuel	6,945	4,644	66.9%	1,627	23.4%	675	9.7%	0	0.0%
Shared (No Heat on Bill)	36,289	24,580	67.7%	7,143	19.7%	3,304	9.1%	1,263	3.5%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	85,568	68.6%	23,938	19.2%	8,558	6.9%	6,715	5.4%
Two	221,729	94,639	42.7%	82,883	37.4%	20,958	9.5%	23,249	10.5%
Three	60,069	25,646	42.7%	22,782	37.9%	6,015	10.0%	5,626	9.4%
Four	48,897	18,495	37.8%	21,851	44.7%	2,886	5.9%	5,664	11.6%
Five +	29,337	11,560	39.4%	11,794	40.2%	2,731	9.3%	3,251	11.1%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	40,820	68.6%	11,122	18.7%	4,272	7.2%	3,268	5.5%
\$25,000 - \$49,999	137,082	77,104	56.2%	35,985	26.3%	11,541	8.4%	12,452	9.1%
\$50,000 - \$74,999	123,824	56,158	45.4%	43,607	35.2%	10,985	8.9%	13,075	10.6%
\$75,000 - \$99,999	66,780	26,734	40.0%	27,691	41.5%	5,977	8.9%	6,378	9.6%
\$100,000 +	97,644	35,093	35.9%	44,844	45.9%	8,376	8.6%	9,332	9.6%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	96,319	60.6%	37,920	23.9%	12,826	8.1%	11,922	7.5%
No	325,824	139,589	42.8%	125,328	38.5%	28,324	8.7%	32,583	10.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	27,393	53.3%	15,728	30.6%	3,367	6.5%	4,942	9.6%
No	409,630	194,728	47.5%	140,792	34.4%	36,889	9.0%	37,221	9.1%
Undeclared	23,751	13,787	58.0%	6,729	28.3%	894	3.8%	2,342	9.9%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	9,208	59.6%	3,221	20.8%	1,467	9.5%	1,560	10.1%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	208,762	47.5%	151,649	34.5%	38,197	8.7%	40,731	9.3%
Satisfactory	22,395	12,874	57.5%	6,342	28.3%	1,123	5.0%	2,056	9.2%
Poor	23,077	14,272	61.8%	5,257	22.8%	1,830	7.9%	1,719	7.4%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	182,216	45.1%	147,017	36.4%	35,440	8.8%	39,644	9.8%
Rent / Other	80,495	53,692	66.7%	16,232	20.2%	5,710	7.1%	4,861	6.0%



# **SECTION 7**

## **POOLS AND VEHICLES**

**2017 RESIDENTIAL SURVEY SECTION 7 - POOLS AND VEHICLES - REFERENCE TABLE 7.01a**

**POOL TYPE**

	TOTAL	NO POOL	%	INDOOR POOL	%	OUTDOOR ABOVE GROUND	%	OUTDOOR BELOW GROUND	%
<b>OVERALL</b>	<b>484,811</b>	<b>467,241</b>	<b>96.4%</b>	<b>214</b>	<b>0.0%</b>	<b>4,887</b>	<b>1.0%</b>	<b>12,469</b>	<b>2.6%</b>
<b>FUEL AREA</b>									
Winnipeg City	261,760	250,925	95.9%	0	0.0%	2,055	0.8%	8,780	3.4%
Gas Available	140,021	134,879	96.3%	103	0.1%	2,132	1.5%	2,908	2.1%
No Gas Available	83,030	81,437	98.1%	112	0.1%	701	0.8%	781	0.9%
<b>DWELLING TYPE</b>									
Single Detached	373,568	357,895	95.8%	214	0.1%	4,289	1.1%	11,170	3.0%
Multi Attached	46,834	44,937	95.9%	0	0.0%	598	1.3%	1,299	2.8%
Apartment Suite	64,409	64,409	100.0%	0	0.0%	0	0.0%	0	0.0%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	37,089	98.5%	0	0.0%	134	0.4%	422	1.1%
1990-2009	89,181	86,269	96.7%	103	0.1%	1,065	1.2%	1,745	2.0%
1970-1989	161,749	153,404	94.8%	112	0.1%	1,864	1.2%	6,369	3.9%
1950-1969	110,314	106,648	96.7%	0	0.0%	607	0.6%	3,059	2.8%
Pre 1950	85,922	83,831	97.6%	0	0.0%	1,217	1.4%	874	1.0%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	186,712	97.4%	112	0.1%	1,784	0.9%	3,031	1.6%
Natural Gas Heat	249,938	237,739	95.1%	103	0.0%	2,659	1.1%	9,438	3.8%
Other Fuel	6,945	6,945	100.0%	0	0.0%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	35,845	98.8%	0	0.0%	444	1.2%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	122,240	98.0%	0	0.0%	930	0.7%	1,609	1.3%
Two	221,729	215,105	97.0%	214	0.1%	1,429	0.6%	4,981	2.2%
Three	60,069	56,391	93.9%	0	0.0%	1,062	1.8%	2,616	4.4%
Four	48,897	46,202	94.5%	0	0.0%	947	1.9%	1,747	3.6%
Five +	29,337	27,302	93.1%	0	0.0%	518	1.8%	1,516	5.2%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	58,955	99.1%	0	0.0%	154	0.3%	371	0.6%
\$25,000 - \$49,999	137,082	134,801	98.3%	0	0.0%	578	0.4%	1,703	1.2%
\$50,000 - \$74,999	123,824	119,609	96.6%	0	0.0%	951	0.8%	3,264	2.6%
\$75,000 - \$99,999	66,780	63,138	94.5%	112	0.2%	1,387	2.1%	2,143	3.2%
\$100,000 +	97,644	90,738	92.9%	103	0.1%	1,817	1.9%	4,987	5.1%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	156,206	98.3%	0	0.0%	730	0.5%	2,050	1.3%
No	325,824	311,035	95.5%	214	0.1%	4,157	1.3%	10,419	3.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	49,748	96.7%	0	0.0%	348	0.7%	1,333	2.6%
No	409,630	394,632	96.3%	214	0.1%	4,313	1.1%	10,471	2.6%
Undeclared	23,751	22,861	96.3%	0	0.0%	226	1.0%	664	2.8%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	15,425	99.8%	0	0.0%	31	0.2%	0	0.0%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	423,760	96.5%	214	0.0%	3,777	0.9%	11,588	2.6%
Satisfactory	22,395	21,209	94.7%	0	0.0%	979	4.4%	208	0.9%
Poor	23,077	22,272	96.5%	0	0.0%	131	0.6%	673	2.9%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	387,402	95.8%	214	0.1%	4,856	1.2%	11,844	2.9%
Rent / Other	80,495	79,839	99.2%	0	0.0%	31	0.0%	625	0.8%

**2017 RESIDENTIAL SURVEY SECTION 7 - POOLS AND VEHICLES - REFERENCE TABLE 7.01b  
POOL FUEL**

	TOTAL	NOT HEATED		ELECTRIC		NATURAL GAS		PROPANE		SOLAR		NO POOL	
				%		%		%		%		%	
<b>OVERALL</b>	<b>484,811</b>	<b>438</b>	<b>0.1%</b>	<b>5,517</b>	<b>1.1%</b>	<b>6,866</b>	<b>1.4%</b>	<b>1,496</b>	<b>0.3%</b>	<b>3,254</b>	<b>0.7%</b>	<b>467,241</b>	<b>96.4%</b>
<b>FUEL AREA</b>													
Winnipeg City	261,760	438	0.2%	2,454	0.9%	5,738	2.2%	1,057	0.4%	1,148	0.4%	250,925	95.9%
Gas Available	140,021	0	0.0%	2,281	1.6%	1,128	0.8%	408	0.3%	1,325	0.9%	134,879	96.3%
No Gas Available	83,030	0	0.0%	781	0.9%	0	0.0%	31	0.0%	781	0.9%	81,437	98.1%
<b>DWELLING TYPE</b>													
Single Detached	373,568	178	0.0%	4,583	1.2%	6,866	1.8%	898	0.2%	3,148	0.8%	357,895	95.8%
Multi Attached	46,834	260	0.6%	934	2.0%	0	0.0%	598	1.3%	105	0.2%	44,937	95.9%
Apartment Suite	64,409	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	64,409	100.0%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	0	0.0%	103	0.3%	115	0.3%	31	0.1%	308	0.8%	37,089	98.5%
1990-2009	89,181	0	0.0%	1,366	1.5%	791	0.9%	217	0.2%	538	0.6%	86,269	96.7%
1970-1989	161,749	260	0.2%	2,590	1.6%	3,677	2.3%	704	0.4%	1,115	0.7%	153,404	94.8%
1950-1969	110,314	178	0.2%	685	0.6%	1,939	1.8%	100	0.1%	764	0.7%	106,648	96.7%
Pre 1950	85,922	0	0.0%	774	0.9%	344	0.4%	444	0.5%	530	0.6%	83,831	97.6%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	438	0.2%	3,074	1.6%	0	0.0%	131	0.1%	1,283	0.7%	186,712	97.4%
Natural Gas Heat	249,938	0	0.0%	2,442	1.0%	6,866	2.7%	921	0.4%	1,971	0.8%	237,739	95.1%
Other Fuel	6,945	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6,945	100.0%
Shared (No Heat on Bill)	36,289	0	0.0%	0	0.0%	0	0.0%	444	1.2%	0	0.0%	35,845	98.8%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	178	0.1%	975	0.8%	562	0.5%	713	0.6%	112	0.1%	122,240	98.0%
Two	221,729	0	0.0%	1,924	0.9%	3,152	1.4%	248	0.1%	1,300	0.6%	215,105	97.0%
Three	60,069	260	0.4%	1,062	1.8%	1,480	2.5%	115	0.2%	761	1.3%	56,391	93.9%
Four	48,897	0	0.0%	1,062	2.2%	881	1.8%	217	0.4%	534	1.1%	46,202	94.5%
Five +	29,337	0	0.0%	493	1.7%	791	2.7%	203	0.7%	547	1.9%	27,302	93.1%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	0	0.0%	260	0.4%	0	0.0%	154	0.3%	112	0.2%	58,955	99.1%
\$25,000 - \$49,999	137,082	260	0.2%	432	0.3%	791	0.6%	146	0.1%	652	0.5%	134,801	98.3%
\$50,000 - \$74,999	123,824	178	0.1%	1,772	1.4%	1,480	1.2%	115	0.1%	670	0.5%	119,609	96.6%
\$75,000 - \$99,999	66,780	0	0.0%	1,478	2.2%	1,213	1.8%	205	0.3%	745	1.1%	63,138	94.5%
\$100,000 +	97,644	0	0.0%	1,574	1.6%	3,382	3.5%	876	0.9%	1,075	1.1%	90,738	92.9%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	260	0.2%	868	0.5%	689	0.4%	300	0.2%	664	0.4%	156,206	98.3%
No	325,824	178	0.1%	4,648	1.4%	6,177	1.9%	1,196	0.4%	2,590	0.8%	311,035	95.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	0	0.0%	1,014	2.0%	332	0.6%	31	0.1%	303	0.6%	49,748	96.7%
No	409,630	438	0.1%	4,276	1.0%	6,087	1.5%	1,465	0.4%	2,733	0.7%	394,632	96.3%
Undeclared	23,751	0	0.0%	226	1.0%	447	1.9%	0	0.0%	217	0.9%	22,861	96.3%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	0	0.0%	0	0.0%	0	0.0%	31	0.2%	0	0.0%	15,425	99.8%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	438	0.1%	5,098	1.2%	6,419	1.5%	804	0.2%	2,819	0.6%	423,760	96.5%
Satisfactory	22,395	0	0.0%	318	1.4%	103	0.5%	661	3.0%	105	0.5%	21,209	94.7%
Poor	23,077	0	0.0%	100	0.4%	344	1.5%	31	0.1%	329	1.4%	22,272	96.5%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	178	0.0%	5,257	1.3%	6,866	1.7%	1,465	0.4%	3,148	0.8%	387,402	95.8%
Rent / Other	80,495	260	0.3%	260	0.3%	0	0.0%	31	0.0%	105	0.1%	79,839	99.2%

**2017 RESIDENTIAL SURVEY SECTION 7 - POOLS AND VEHICLES - REFERENCE TABLE 7.02  
NUMBER OF VEHICLES PLUGGED IN**

	DON'T		ONE		TWO		THREE		FOUR		NO VEHICLE	
	TOTAL	PLUG %	ONE %	ONE %	TWO %	TWO %	THREE %	THREE %	FOUR %	FOUR %	E %	E %
<b>OVERALL</b>	<b>484,811</b>	94,819 <b>19.6%</b>	268,722 <b>55.4%</b>		30,228 <b>6.2%</b>		3,745 <b>0.8%</b>		521 <b>0.1%</b>		86,775 <b>17.9%</b>	
<b>FUEL AREA</b>												
Winnipeg City	261,760	47,348 <b>18.1%</b>	145,994 <b>55.8%</b>		15,824 <b>6.0%</b>		1,984 <b>0.8%</b>		115 <b>0.0%</b>		50,496 <b>19.3%</b>	
Gas Available	140,021	35,790 <b>25.6%</b>	70,475 <b>50.3%</b>		8,885 <b>6.3%</b>		1,619 <b>1.2%</b>		406 <b>0.3%</b>		22,846 <b>16.3%</b>	
No Gas Available	83,030	11,681 <b>14.1%</b>	52,254 <b>62.9%</b>		5,519 <b>6.6%</b>		143 <b>0.2%</b>		0 <b>0.0%</b>		13,433 <b>16.2%</b>	
<b>DWELLING TYPE</b>												
Single Detached	373,568	75,944 <b>20.3%</b>	208,353 <b>55.8%</b>		28,842 <b>7.7%</b>		3,139 <b>0.8%</b>		521 <b>0.1%</b>		56,769 <b>15.2%</b>	
Multi Attached	46,834	7,383 <b>15.8%</b>	30,662 <b>65.5%</b>		1,096 <b>2.3%</b>		444 <b>0.9%</b>		0 <b>0.0%</b>		7,248 <b>15.5%</b>	
Apartment Suite	64,409	11,492 <b>17.8%</b>	29,707 <b>46.1%</b>		290 <b>0.5%</b>		163 <b>0.3%</b>		0 <b>0.0%</b>		22,757 <b>35.3%</b>	
<b>BUILDING CODE ERA</b>												
2010-2017	37,645	8,682 <b>23.1%</b>	16,006 <b>42.5%</b>		2,757 <b>7.3%</b>		332 <b>0.9%</b>		0 <b>0.0%</b>		9,868 <b>26.2%</b>	
1990-2009	89,181	27,017 <b>30.3%</b>	37,496 <b>42.0%</b>		5,807 <b>6.5%</b>		1,259 <b>1.4%</b>		215 <b>0.2%</b>		17,387 <b>19.5%</b>	
1970-1989	161,749	31,887 <b>19.7%</b>	92,277 <b>57.0%</b>		9,597 <b>5.9%</b>		950 <b>0.6%</b>		203 <b>0.1%</b>		26,835 <b>16.6%</b>	
1950-1969	110,314	17,348 <b>15.7%</b>	69,359 <b>62.9%</b>		5,599 <b>5.1%</b>		330 <b>0.3%</b>		103 <b>0.1%</b>		17,577 <b>15.9%</b>	
Pre 1950	85,922	9,886 <b>11.5%</b>	53,585 <b>62.4%</b>		6,468 <b>7.5%</b>		874 <b>1.0%</b>		0 <b>0.0%</b>		15,109 <b>17.6%</b>	
<b>SPACE HEAT FUEL</b>												
Electric Heat	191,639	37,023 <b>19.3%</b>	109,241 <b>57.0%</b>		10,225 <b>5.3%</b>		1,309 <b>0.7%</b>		201 <b>0.1%</b>		33,641 <b>17.6%</b>	
Natural Gas Heat	249,938	53,151 <b>21.3%</b>	138,147 <b>55.3%</b>		18,276 <b>7.3%</b>		1,992 <b>0.8%</b>		320 <b>0.1%</b>		38,051 <b>15.2%</b>	
Other Fuel	6,945	0 <b>0.0%</b>	4,515 <b>65.0%</b>		1,437 <b>20.7%</b>		0 <b>0.0%</b>		0 <b>0.0%</b>		993 <b>14.3%</b>	
Shared (No Heat on Bill)	36,289	4,646 <b>12.8%</b>	16,819 <b>46.3%</b>		290 <b>0.8%</b>		444 <b>1.2%</b>		0 <b>0.0%</b>		14,090 <b>38.8%</b>	
<b>PEOPLE PER HOUSEHOLD</b>												
One	124,779	24,135 <b>19.3%</b>	68,056 <b>54.5%</b>		1,754 <b>1.4%</b>		544 <b>0.4%</b>		0 <b>0.0%</b>		30,290 <b>24.3%</b>	
Two	221,729	53,699 <b>24.2%</b>	117,171 <b>52.8%</b>		12,284 <b>5.5%</b>		212 <b>0.1%</b>		0 <b>0.0%</b>		38,363 <b>17.3%</b>	
Three	60,069	7,646 <b>12.7%</b>	37,764 <b>62.9%</b>		6,994 <b>11.6%</b>		925 <b>1.5%</b>		0 <b>0.0%</b>		6,740 <b>11.2%</b>	
Four	48,897	5,484 <b>11.2%</b>	28,669 <b>58.6%</b>		5,574 <b>11.4%</b>		1,299 <b>2.7%</b>		318 <b>0.6%</b>		7,552 <b>15.4%</b>	
Five +	29,337	3,855 <b>13.1%</b>	17,062 <b>58.2%</b>		3,621 <b>12.3%</b>		765 <b>2.6%</b>		203 <b>0.7%</b>		3,831 <b>13.1%</b>	
<b>HOUSEHOLD INCOME</b>												
Less Than \$25,000	59,481	6,827 <b>11.5%</b>	34,525 <b>58.0%</b>		1,478 <b>2.5%</b>		31 <b>0.1%</b>		0 <b>0.0%</b>		16,620 <b>27.9%</b>	
\$25,000 - \$49,999	137,082	28,377 <b>20.7%</b>	78,577 <b>57.3%</b>		4,811 <b>3.5%</b>		100 <b>0.1%</b>		0 <b>0.0%</b>		25,218 <b>18.4%</b>	
\$50,000 - \$74,999	123,824	27,337 <b>22.1%</b>	68,838 <b>55.6%</b>		8,512 <b>6.9%</b>		976 <b>0.8%</b>		0 <b>0.0%</b>		18,161 <b>14.7%</b>	
\$75,000 - \$99,999	66,780	12,998 <b>19.5%</b>	34,916 <b>52.3%</b>		5,967 <b>8.9%</b>		953 <b>1.4%</b>		217 <b>0.3%</b>		11,728 <b>17.6%</b>	
\$100,000 +	97,644	19,280 <b>19.7%</b>	51,867 <b>53.1%</b>		9,461 <b>9.7%</b>		1,684 <b>1.7%</b>		303 <b>0.3%</b>		15,049 <b>15.4%</b>	
<b>WINNIPEG LICO-125 CLASS</b>												
Yes	158,987	26,381 <b>16.6%</b>	92,004 <b>57.9%</b>		6,466 <b>4.1%</b>		576 <b>0.4%</b>		0 <b>0.0%</b>		33,560 <b>21.1%</b>	
No	325,824	68,438 <b>21.0%</b>	176,719 <b>54.2%</b>		23,762 <b>7.3%</b>		3,169 <b>1.0%</b>		521 <b>0.2%</b>		53,215 <b>16.3%</b>	
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>												
Yes	51,429	5,758 <b>11.2%</b>	31,323 <b>60.9%</b>		3,676 <b>7.1%</b>		232 <b>0.5%</b>		203 <b>0.4%</b>		10,237 <b>19.9%</b>	
No	409,630	85,536 <b>20.9%</b>	224,702 <b>54.9%</b>		24,288 <b>5.9%</b>		3,413 <b>0.8%</b>		318 <b>0.1%</b>		71,374 <b>17.4%</b>	
Undeclared	23,751	3,526 <b>14.8%</b>	12,697 <b>53.5%</b>		2,264 <b>9.5%</b>		100 <b>0.4%</b>		0 <b>0.0%</b>		5,164 <b>21.7%</b>	
<b>FIRST NATION ON RESERVE</b>												
FIRST NATION ON RESERVE	15,456	249 <b>1.6%</b>	10,625 <b>68.7%</b>		155 <b>1.0%</b>		31 <b>0.2%</b>		0 <b>0.0%</b>		4,396 <b>28.4%</b>	
<b>BILL PAYMENT RATING</b>												
Excellent	439,339	91,032 <b>20.7%</b>	240,293 <b>54.7%</b>		27,422 <b>6.2%</b>		2,982 <b>0.7%</b>		406 <b>0.1%</b>		77,204 <b>17.6%</b>	
Satisfactory	22,395	2,008 <b>9.0%</b>	13,782 <b>61.5%</b>		1,349 <b>6.0%</b>		546 <b>2.4%</b>		0 <b>0.0%</b>		4,710 <b>21.0%</b>	
Poor	23,077	1,780 <b>7.7%</b>	14,647 <b>63.5%</b>		1,457 <b>6.3%</b>		217 <b>0.9%</b>		115 <b>0.5%</b>		4,861 <b>21.1%</b>	
<b>DWELLING OWNERSHIP</b>												
Own	404,316	87,230 <b>21.6%</b>	221,960 <b>54.9%</b>		29,445 <b>7.3%</b>		3,583 <b>0.9%</b>		521 <b>0.1%</b>		61,578 <b>15.2%</b>	
Rent / Other	80,495	7,590 <b>9.4%</b>	46,762 <b>58.1%</b>		783 <b>1.0%</b>		163 <b>0.2%</b>		0 <b>0.0%</b>		25,197 <b>31.3%</b>	



**2017 RESIDENTIAL SURVEY SECTION 7 - POOLS AND VEHICLES - REFERENCE TABLE 7.03a**

**PARKING LOCATION**

	DETACHED		ATTACHED		CARPORT	UNDERGROUND		NO	
	TOTAL	GARAGE %	GARAGE %	%	/SHELTER %	PARKADE %	OUTSIDE %	VEHICLE %	%
<b>OVERALL</b>	<b>484,811</b>	<b>100,209 20.7%</b>	<b>105,649 21.8%</b>		<b>11,518 2.4%</b>	<b>11,600 2.4%</b>	<b>169,059 34.9%</b>		<b>86,775 17.9%</b>
<b>FUEL AREA</b>									
Winnipeg City	261,760	60,256 23.0%	47,307 18.1%		6,828 2.6%	10,582 4.0%	86,292 33.0%		50,496 19.3%
Gas Available	140,021	24,157 17.3%	45,530 32.5%		2,477 1.8%	1,018 0.7%	43,993 31.4%		22,846 16.3%
No Gas Available	83,030	15,797 19.0%	12,812 15.4%		2,213 2.7%	0 0.0%	38,774 46.7%		13,433 16.2%
<b>DWELLING TYPE</b>									
Single Detached	373,568	94,702 25.4%	96,174 25.7%		9,321 2.5%	84 0.0%	116,517 31.2%		56,769 15.2%
Multi Attached	46,834	4,619 9.9%	8,277 17.7%		602 1.3%	461 1.0%	25,628 54.7%		7,248 15.5%
Apartment Suite	64,409	888 1.4%	1,198 1.9%		1,596 2.5%	11,056 17.2%	26,913 41.8%		22,757 35.3%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	1,914 5.1%	13,424 35.7%		809 2.1%	1,667 4.4%	9,964 26.5%		9,868 26.2%
1990-2009	89,181	9,048 10.1%	36,291 40.7%		406 0.5%	3,417 3.8%	22,633 25.4%		17,387 19.5%
1970-1989	161,749	28,704 17.7%	38,063 23.5%		3,058 1.9%	4,189 2.6%	60,901 37.7%		26,835 16.6%
1950-1969	110,314	33,863 30.7%	11,972 10.9%		3,992 3.6%	2,038 1.8%	40,872 37.1%		17,577 15.9%
Pre 1950	85,922	26,681 31.1%	5,898 6.9%		3,254 3.8%	290 0.3%	34,689 40.4%		15,109 17.6%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	31,973 16.7%	36,531 19.1%		5,398 2.8%	5,971 3.1%	78,125 40.8%		33,641 17.6%
Natural Gas Heat	249,938	65,570 26.2%	68,194 27.3%		4,850 1.9%	1,134 0.5%	72,140 28.9%		38,051 15.2%
Other Fuel	6,945	1,789 25.8%	337 4.9%		690 9.9%	0 0.0%	3,136 45.2%		993 14.3%
Shared (No Heat on Bill)	36,289	877 2.4%	587 1.6%		580 1.6%	4,495 12.4%	15,659 43.2%		14,090 38.8%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	28,382 22.7%	14,776 11.8%		3,414 2.7%	6,077 4.9%	41,841 33.5%		30,290 24.3%
Two	221,729	45,750 20.6%	54,660 24.7%		4,993 2.3%	5,207 2.3%	72,757 32.8%		38,363 17.3%
Three	60,069	11,746 19.6%	15,200 25.3%		1,693 2.8%	317 0.5%	24,375 40.6%		6,740 11.2%
Four	48,897	10,464 21.4%	12,524 25.6%		828 1.7%	0 0.0%	17,529 35.8%		7,552 15.4%
Five +	29,337	3,868 13.2%	8,490 28.9%		589 2.0%	0 0.0%	12,558 42.8%		3,831 13.1%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	10,853 18.2%	4,898 8.2%		1,592 2.7%	941 1.6%	24,577 41.3%		16,620 27.9%
\$25,000 - \$49,999	137,082	31,276 22.8%	21,544 15.7%		4,306 3.1%	4,720 3.4%	50,018 36.5%		25,218 18.4%
\$50,000 - \$74,999	123,824	27,821 22.5%	28,342 22.9%		2,636 2.1%	4,265 3.4%	42,600 34.4%		18,161 14.7%
\$75,000 - \$99,999	66,780	12,090 18.1%	19,198 28.7%		1,435 2.1%	611 0.9%	21,717 32.5%		11,728 17.6%
\$100,000 +	97,644	18,168 18.6%	31,668 32.4%		1,550 1.6%	1,062 1.1%	30,148 30.9%		15,049 15.4%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	34,037 21.4%	22,473 14.1%		4,363 2.7%	3,832 2.4%	60,721 38.2%		33,560 21.1%
No	325,824	66,173 20.3%	83,176 25.5%		7,155 2.2%	7,769 2.4%	108,338 33.3%		53,215 16.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	7,869 15.3%	7,415 14.4%		486 0.9%	84 0.2%	25,339 49.3%		10,237 19.9%
No	409,630	86,270 21.1%	93,958 22.9%		10,175 2.5%	11,191 2.7%	136,662 33.4%		71,374 17.4%
Undeclared	23,751	6,070 25.6%	4,276 18.0%		858 3.6%	326 1.4%	7,059 29.7%		5,164 21.7%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	466 3.0%	529 3.4%		93 0.6%	0 0.0%	9,972 64.5%		4,396 28.4%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	93,043 21.2%	101,024 23.0%		10,690 2.4%	10,483 2.4%	146,896 33.4%		77,204 17.6%
Satisfactory	22,395	4,476 20.0%	2,831 12.6%		230 1.0%	247 1.1%	9,902 44.2%		4,710 21.0%
Poor	23,077	2,691 11.7%	1,795 7.8%		599 2.6%	870 3.8%	12,261 53.1%		4,861 21.1%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	96,629 23.9%	102,986 25.5%		10,142 2.5%	5,941 1.5%	127,040 31.4%		61,578 15.2%
Rent / Other	80,495	3,581 4.4%	2,663 3.3%		1,375 1.7%	5,659 7.0%	42,019 52.2%		25,197 31.3%

**2017 RESIDENTIAL SURVEY SECTION 7 - POOLS AND VEHICLES - REFERENCE TABLE 7.03b  
CAR TIMER FOR BLOCKHEATER**

	TOTAL	DON'T PLUG	%	YES	%	NO	%	NO VEHICLE	%
<b>OVERALL</b>	<b>484,811</b>	<b>94,819</b>	<b>19.6%</b>	<b>76,004</b>	<b>15.7%</b>	<b>227,213</b>	<b>46.9%</b>	<b>86,775</b>	<b>17.9%</b>
<b>FUEL AREA</b>									
Winnipeg City	261,760	47,348	18.1%	45,160	17.3%	118,755	45.4%	50,496	19.3%
Gas Available	140,021	35,790	25.6%	19,118	13.7%	62,267	44.5%	22,846	16.3%
No Gas Available	83,030	11,681	14.1%	11,726	14.1%	46,190	55.6%	13,433	16.2%
<b>DWELLING TYPE</b>									
Single Detached	373,568	75,944	20.3%	62,037	16.6%	178,817	47.9%	56,769	15.2%
Multi Attached	46,834	7,383	15.8%	6,469	13.8%	25,734	54.9%	7,248	15.5%
Apartment Suite	64,409	11,492	17.8%	7,498	11.6%	22,662	35.2%	22,757	35.3%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	8,682	23.1%	4,653	12.4%	14,442	38.4%	9,868	26.2%
1990-2009	89,181	27,017	30.3%	10,260	11.5%	34,517	38.7%	17,387	19.5%
1970-1989	161,749	31,887	19.7%	24,866	15.4%	78,161	48.3%	26,835	16.6%
1950-1969	110,314	17,348	15.7%	22,813	20.7%	52,577	47.7%	17,577	15.9%
Pre 1950	85,922	9,886	11.5%	13,412	15.6%	47,515	55.3%	15,109	17.6%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	37,023	19.3%	26,226	13.7%	94,749	49.4%	33,641	17.6%
Natural Gas Heat	249,938	53,151	21.3%	44,139	17.7%	114,596	45.8%	38,051	15.2%
Other Fuel	6,945	0	0.0%	1,848	26.6%	4,104	59.1%	993	14.3%
Shared (No Heat on Bill)	36,289	4,646	12.8%	3,790	10.4%	13,763	37.9%	14,090	38.8%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	24,135	19.3%	19,343	15.5%	51,012	40.9%	30,290	24.3%
Two	221,729	53,699	24.2%	33,732	15.2%	95,935	43.3%	38,363	17.3%
Three	60,069	7,646	12.7%	10,623	17.7%	35,061	58.4%	6,740	11.2%
Four	48,897	5,484	11.2%	8,400	17.2%	27,461	56.2%	7,552	15.4%
Five +	29,337	3,855	13.1%	3,906	13.3%	17,745	60.5%	3,831	13.1%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	6,827	11.5%	9,471	15.9%	26,563	44.7%	16,620	27.9%
\$25,000 - \$49,999	137,082	28,377	20.7%	22,421	16.4%	61,067	44.5%	25,218	18.4%
\$50,000 - \$74,999	123,824	27,337	22.1%	20,883	16.9%	57,443	46.4%	18,161	14.7%
\$75,000 - \$99,999	66,780	12,998	19.5%	9,336	14.0%	32,717	49.0%	11,728	17.6%
\$100,000 +	97,644	19,280	19.7%	13,894	14.2%	49,422	50.6%	15,049	15.4%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	26,381	16.6%	25,716	16.2%	73,329	46.1%	33,560	21.1%
No	325,824	68,438	21.0%	50,287	15.4%	153,884	47.2%	53,215	16.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	5,758	11.2%	5,563	10.8%	29,871	58.1%	10,237	19.9%
No	409,630	85,536	20.9%	67,702	16.5%	185,018	45.2%	71,374	17.4%
Undeclared	23,751	3,526	14.8%	2,738	11.5%	12,323	51.9%	5,164	21.7%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	249	1.6%	1,442	9.3%	9,370	60.6%	4,396	28.4%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	91,032	20.7%	71,120	16.2%	199,983	45.5%	77,204	17.6%
Satisfactory	22,395	2,008	9.0%	2,751	12.3%	12,927	57.7%	4,710	21.0%
Poor	23,077	1,780	7.7%	2,133	9.2%	14,303	62.0%	4,861	21.1%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	87,230	21.6%	67,968	16.8%	187,540	46.4%	61,578	15.2%
Rent / Other	80,495	7,590	9.4%	8,036	10.0%	39,673	49.3%	25,197	31.3%

**2017 RESIDENTIAL SURVEY SECTION 7 - POOLS AND VEHICLES - REFERENCE TABLE 7.03c  
INTERIOR CAR WARMER**

	TOTAL	DON'T PLUG	%	YES	%	NO	%	NO VEHICLE	%
<b>OVERALL</b>	<b>484,811</b>	94,819	<b>19.6%</b>	16,662	<b>3.4%</b>	286,555	<b>59.1%</b>	86,775	<b>17.9%</b>
<b>FUEL AREA</b>									
Winnipeg City	261,760	47,348	18.1%	11,136	4.3%	152,779	58.4%	50,496	19.3%
Gas Available	140,021	35,790	25.6%	3,601	2.6%	77,783	55.6%	22,846	16.3%
No Gas Available	83,030	11,681	14.1%	1,924	2.3%	55,992	67.4%	13,433	16.2%
<b>DWELLING TYPE</b>									
Single Detached	373,568	75,944	20.3%	11,923	3.2%	228,931	61.3%	56,769	15.2%
Multi Attached	46,834	7,383	15.8%	2,110	4.5%	30,092	64.3%	7,248	15.5%
Apartment Suite	64,409	11,492	17.8%	2,629	4.1%	27,531	42.7%	22,757	35.3%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	8,682	23.1%	1,392	3.7%	17,704	47.0%	9,868	26.2%
1990-2009	89,181	27,017	30.3%	3,029	3.4%	41,748	46.8%	17,387	19.5%
1970-1989	161,749	31,887	19.7%	5,921	3.7%	97,105	60.0%	26,835	16.6%
1950-1969	110,314	17,348	15.7%	3,618	3.3%	71,772	65.1%	17,577	15.9%
Pre 1950	85,922	9,886	11.5%	2,701	3.1%	58,226	67.8%	15,109	17.6%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	37,023	19.3%	5,200	2.7%	115,776	60.4%	33,641	17.6%
Natural Gas Heat	249,938	53,151	21.3%	9,587	3.8%	149,149	59.7%	38,051	15.2%
Other Fuel	6,945	0	0.0%	425	6.1%	5,527	79.6%	993	14.3%
Shared (No Heat on Bill)	36,289	4,646	12.8%	1,451	4.0%	16,103	44.4%	14,090	38.8%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	24,135	19.3%	4,163	3.3%	66,192	53.0%	30,290	24.3%
Two	221,729	53,699	24.2%	6,643	3.0%	123,024	55.5%	38,363	17.3%
Three	60,069	7,646	12.7%	2,152	3.6%	43,531	72.5%	6,740	11.2%
Four	48,897	5,484	11.2%	2,750	5.6%	33,111	67.7%	7,552	15.4%
Five +	29,337	3,855	13.1%	954	3.3%	20,697	70.5%	3,831	13.1%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	6,827	11.5%	1,522	2.6%	34,512	58.0%	16,620	27.9%
\$25,000 - \$49,999	137,082	28,377	20.7%	4,814	3.5%	78,673	57.4%	25,218	18.4%
\$50,000 - \$74,999	123,824	27,337	22.1%	4,858	3.9%	73,469	59.3%	18,161	14.7%
\$75,000 - \$99,999	66,780	12,998	19.5%	1,842	2.8%	40,211	60.2%	11,728	17.6%
\$100,000 +	97,644	19,280	19.7%	3,625	3.7%	59,690	61.1%	15,049	15.4%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	26,381	16.6%	5,017	3.2%	94,029	59.1%	33,560	21.1%
No	325,824	68,438	21.0%	11,645	3.6%	192,526	59.1%	53,215	16.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	5,758	11.2%	1,034	2.0%	34,401	66.9%	10,237	19.9%
No	409,630	85,536	20.9%	14,954	3.7%	237,767	58.0%	71,374	17.4%
Undeclared	23,751	3,526	14.8%	674	2.8%	14,388	60.6%	5,164	21.7%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	249	1.6%	653	4.2%	10,159	65.7%	4,396	28.4%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	91,032	20.7%	15,114	3.4%	255,989	58.3%	77,204	17.6%
Satisfactory	22,395	2,008	9.0%	863	3.9%	14,814	66.1%	4,710	21.0%
Poor	23,077	1,780	7.7%	685	3.0%	15,751	68.3%	4,861	21.1%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	87,230	21.6%	13,566	3.4%	241,942	59.8%	61,578	15.2%
Rent / Other	80,495	7,590	9.4%	3,096	3.8%	44,612	55.4%	25,197	31.3%



# **SECTION 8**

## **DEMAND SIDE MANAGEMENT (DSM) PROGRAMS**

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01a  
PARTICIPATION IN THE AFFORDABLE ENERGY PROGRAM**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>22,400</b>	<b>4.6%</b>	<b>462,411</b>	<b>95.4%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	15,812	6.0%	245,948	94.0%
Gas Available	140,021	4,011	2.9%	136,010	97.1%
No Gas Available	83,030	2,577	3.1%	80,453	96.9%
<b>DWELLING TYPE</b>					
Single Detached	373,568	17,405	4.7%	356,163	95.3%
Multi Attached	46,834	2,727	5.8%	44,107	94.2%
Apartment Suite	64,409	2,268	3.5%	62,141	96.5%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	810	2.2%	36,835	97.8%
1990-2009	89,181	2,197	2.5%	86,984	97.5%
1970-1989	161,749	8,004	4.9%	153,744	95.1%
1950-1969	110,314	5,616	5.1%	104,699	94.9%
Pre 1950	85,922	5,772	6.7%	80,150	93.3%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	5,803	3.0%	185,836	97.0%
Natural Gas Heat	249,938	14,281	5.7%	235,657	94.3%
Other Fuel	6,945	131	1.9%	6,814	98.1%
Shared (No Heat on Bill)	36,289	2,184	6.0%	34,105	94.0%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	7,108	5.7%	117,671	94.3%
Two	221,729	7,917	3.6%	213,812	96.4%
Three	60,069	3,133	5.2%	56,937	94.8%
Four	48,897	2,559	5.2%	46,338	94.8%
Five +	29,337	1,683	5.7%	27,654	94.3%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	4,533	7.6%	54,948	92.4%
\$25,000 - \$49,999	137,082	8,038	5.9%	129,045	94.1%
\$50,000 - \$74,999	123,824	4,836	3.9%	118,988	96.1%
\$75,000 - \$99,999	66,780	1,403	2.1%	65,377	97.9%
\$100,000 +	97,644	3,590	3.7%	94,054	96.3%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	11,377	7.2%	147,609	92.8%
No	325,824	11,023	3.4%	314,802	96.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	2,879	5.6%	48,551	94.4%
No	409,630	19,065	4.7%	390,565	95.3%
Undeclared	23,751	456	1.9%	23,295	98.1%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	1,163	7.5%	14,293	92.5%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	20,076	4.6%	419,263	95.4%
Satisfactory	22,395	1,138	5.1%	21,257	94.9%
Poor	23,077	1,186	5.1%	21,891	94.9%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	18,828	4.7%	385,488	95.3%
Rent / Other	80,495	3,572	4.4%	76,923	95.6%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01b  
PARTICIPATION IN THE APPLIANCE REBATE PROGRAM**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>31,684</b>	<b>6.5%</b>	<b>453,127</b>	<b>93.5%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	19,386	7.4%	242,374	92.6%
Gas Available	140,021	8,142	5.8%	131,879	94.2%
No Gas Available	83,030	4,156	5.0%	78,874	95.0%
<b>DWELLING TYPE</b>					
Single Detached	373,568	29,365	7.9%	344,203	92.1%
Multi Attached	46,834	1,447	3.1%	45,387	96.9%
Apartment Suite	64,409	873	1.4%	63,536	98.6%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	1,076	2.9%	36,569	97.1%
1990-2009	89,181	5,210	5.8%	83,972	94.2%
1970-1989	161,749	12,487	7.7%	149,262	92.3%
1950-1969	110,314	7,755	7.0%	102,560	93.0%
Pre 1950	85,922	5,157	6.0%	80,764	94.0%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	9,052	4.7%	182,587	95.3%
Natural Gas Heat	249,938	21,934	8.8%	228,004	91.2%
Other Fuel	6,945	556	8.0%	6,389	92.0%
Shared (No Heat on Bill)	36,289	143	0.4%	36,146	99.6%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	5,736	4.6%	119,043	95.4%
Two	221,729	17,870	8.1%	203,859	91.9%
Three	60,069	3,702	6.2%	56,368	93.8%
Four	48,897	3,257	6.7%	45,640	93.3%
Five +	29,337	1,119	3.8%	28,217	96.2%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	2,837	4.8%	56,644	95.2%
\$25,000 - \$49,999	137,082	6,722	4.9%	130,360	95.1%
\$50,000 - \$74,999	123,824	8,821	7.1%	115,003	92.9%
\$75,000 - \$99,999	66,780	5,114	7.7%	61,666	92.3%
\$100,000 +	97,644	8,191	8.4%	89,453	91.6%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	8,133	5.1%	150,854	94.9%
No	325,824	23,552	7.2%	302,273	92.8%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	2,728	5.3%	48,702	94.7%
No	409,630	27,559	6.7%	382,072	93.3%
Undeclared	23,751	1,398	5.9%	22,353	94.1%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	691	4.5%	14,765	95.5%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	30,243	6.9%	409,096	93.1%
Satisfactory	22,395	647	2.9%	21,748	97.1%
Poor	23,077	795	3.4%	22,282	96.6%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	30,174	7.5%	374,142	92.5%
Rent / Other	80,495	1,510	1.9%	78,985	98.1%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01c  
PARTICIPATION IN THE EARTH POWER (GEOTHERMAL) LOAN PROGRAM**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>2,479</b>	<b>0.5%</b>	<b>482,332</b>	<b>99.5%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	407	0.2%	261,353	99.8%
Gas Available	140,021	903	0.6%	139,118	99.4%
No Gas Available	83,030	1,168	1.4%	81,862	98.6%
<b>DWELLING TYPE</b>					
Single Detached	373,568	2,479	0.7%	371,089	99.3%
Multi Attached	46,834	0	0.0%	46,834	100.0%
Apartment Suite	64,409	0	0.0%	64,409	100.0%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	232	0.6%	37,413	99.4%
1990-2009	89,181	603	0.7%	88,578	99.3%
1970-1989	161,749	888	0.5%	160,861	99.5%
1950-1969	110,314	324	0.3%	109,991	99.7%
Pre 1950	85,922	433	0.5%	85,489	99.5%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	2,118	1.1%	189,521	98.9%
Natural Gas Heat	249,938	230	0.1%	249,708	99.9%
Other Fuel	6,945	131	1.9%	6,814	98.1%
Shared (No Heat on Bill)	36,289	0	0.0%	36,289	100.0%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	325	0.3%	124,455	99.7%
Two	221,729	927	0.4%	220,802	99.6%
Three	60,069	232	0.4%	59,838	99.6%
Four	48,897	614	1.3%	48,283	98.7%
Five +	29,337	382	1.3%	28,955	98.7%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	349	0.6%	59,132	99.4%
\$25,000 - \$49,999	137,082	619	0.5%	136,464	99.5%
\$50,000 - \$74,999	123,824	274	0.2%	123,550	99.8%
\$75,000 - \$99,999	66,780	361	0.5%	66,419	99.5%
\$100,000 +	97,644	876	0.9%	96,768	99.1%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	930	0.6%	158,057	99.4%
No	325,824	1,549	0.5%	324,275	99.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	722	1.4%	50,707	98.6%
No	409,630	1,657	0.4%	407,974	99.6%
Undeclared	23,751	100	0.4%	23,651	99.6%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	722	4.7%	14,734	95.3%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	1,843	0.4%	437,496	99.6%
Satisfactory	22,395	387	1.7%	22,008	98.3%
Poor	23,077	249	1.1%	22,828	98.9%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	1,882	0.5%	402,435	99.5%
Rent / Other	80,495	598	0.7%	79,897	99.3%



**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01d  
PARTICIPATION IN THE HOME INSULATION PROGRAM**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>56,203</b>	<b>11.6%</b>	<b>428,608</b>	<b>88.4%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	30,149	11.5%	231,611	88.5%
Gas Available	140,021	16,062	11.5%	123,959	88.5%
No Gas Available	83,030	9,992	12.0%	73,038	88.0%
<b>DWELLING TYPE</b>					
Single Detached	373,568	50,879	13.6%	322,689	86.4%
Multi Attached	46,834	4,816	10.3%	42,018	89.7%
Apartment Suite	64,409	508	0.8%	63,901	99.2%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	469	1.2%	37,176	98.8%
1990-2009	89,181	3,821	4.3%	85,360	95.7%
1970-1989	161,749	17,863	11.0%	143,886	89.0%
1950-1969	110,314	16,900	15.3%	93,414	84.7%
Pre 1950	85,922	17,151	20.0%	68,771	80.0%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	20,177	10.5%	171,462	89.5%
Natural Gas Heat	249,938	33,658	13.5%	216,280	86.5%
Other Fuel	6,945	893	12.9%	6,052	87.1%
Shared (No Heat on Bill)	36,289	1,475	4.1%	34,814	95.9%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	11,374	9.1%	113,405	90.9%
Two	221,729	28,302	12.8%	193,427	87.2%
Three	60,069	6,826	11.4%	53,243	88.6%
Four	48,897	5,533	11.3%	43,364	88.7%
Five +	29,337	4,169	14.2%	25,168	85.8%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	4,029	6.8%	55,452	93.2%
\$25,000 - \$49,999	137,082	17,399	12.7%	119,684	87.3%
\$50,000 - \$74,999	123,824	15,244	12.3%	108,580	87.7%
\$75,000 - \$99,999	66,780	6,449	9.7%	60,331	90.3%
\$100,000 +	97,644	13,082	13.4%	84,562	86.6%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	17,804	11.2%	141,183	88.8%
No	325,824	38,399	11.8%	287,425	88.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	4,989	9.7%	46,440	90.3%
No	409,630	49,184	12.0%	360,447	88.0%
Undeclared	23,751	2,030	8.5%	21,721	91.5%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	920	6.0%	14,536	94.0%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	51,364	11.7%	387,975	88.3%
Satisfactory	22,395	2,728	12.2%	19,667	87.8%
Poor	23,077	2,111	9.1%	20,966	90.9%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	54,848	13.6%	349,468	86.4%
Rent / Other	80,495	1,355	1.7%	79,139	98.3%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01e  
PARTICIPATION IN THE LED LIGHT BULB IN-STORE REBATE PROMOTION**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>157,066</b>	<b>32.4%</b>	<b>327,745</b>	<b>67.6%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	90,083	34.4%	171,677	65.6%
Gas Available	140,021	45,427	32.4%	94,594	67.6%
No Gas Available	83,030	21,555	26.0%	61,475	74.0%
<b>DWELLING TYPE</b>					
Single Detached	373,568	136,036	36.4%	237,532	63.6%
Multi Attached	46,834	8,892	19.0%	37,942	81.0%
Apartment Suite	64,409	12,138	18.8%	52,271	81.2%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	11,577	30.8%	26,068	69.2%
1990-2009	89,181	28,344	31.8%	60,837	68.2%
1970-1989	161,749	52,676	32.6%	109,072	67.4%
1950-1969	110,314	38,593	35.0%	71,722	65.0%
Pre 1950	85,922	25,876	30.1%	60,046	69.9%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	53,140	27.7%	138,499	72.3%
Natural Gas Heat	249,938	95,997	38.4%	153,941	61.6%
Other Fuel	6,945	2,273	32.7%	4,672	67.3%
Shared (No Heat on Bill)	36,289	5,656	15.6%	30,633	84.4%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	31,043	24.9%	93,737	75.1%
Two	221,729	74,973	33.8%	146,756	66.2%
Three	60,069	20,866	34.7%	39,203	65.3%
Four	48,897	21,191	43.3%	27,705	56.7%
Five +	29,337	8,992	30.7%	20,344	69.3%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	9,914	16.7%	49,567	83.3%
\$25,000 - \$49,999	137,082	38,654	28.2%	98,429	71.8%
\$50,000 - \$74,999	123,824	41,900	33.8%	81,924	66.2%
\$75,000 - \$99,999	66,780	26,163	39.2%	40,617	60.8%
\$100,000 +	97,644	40,436	41.4%	57,208	58.6%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	37,334	23.5%	121,653	76.5%
No	325,824	119,732	36.7%	206,093	63.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	12,361	24.0%	39,069	76.0%
No	409,630	137,379	33.5%	272,251	66.5%
Undeclared	23,751	7,326	30.8%	16,425	69.2%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	1,792	11.6%	13,665	88.4%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	148,023	33.7%	291,316	66.3%
Satisfactory	22,395	5,653	25.2%	16,742	74.8%
Poor	23,077	3,390	14.7%	19,687	85.3%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	146,729	36.3%	257,588	63.7%
Rent / Other	80,495	10,337	12.8%	70,158	87.2%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01f  
PARTICIPATION IN THE LED LIGHT FIXTURE OR LIGHTING CONTROLS IN-STORE REBATE PROMOTION**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>19,463</b>	<b>4.0%</b>	<b>465,348</b>	<b>96.0%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	10,650	4.1%	251,110	95.9%
Gas Available	140,021	4,375	3.1%	135,646	96.9%
No Gas Available	83,030	4,438	5.3%	78,592	94.7%
<b>DWELLING TYPE</b>					
Single Detached	373,568	17,696	4.7%	355,872	95.3%
Multi Attached	46,834	840	1.8%	45,994	98.2%
Apartment Suite	64,409	928	1.4%	63,481	98.6%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	1,008	2.7%	36,637	97.3%
1990-2009	89,181	2,790	3.1%	86,391	96.9%
1970-1989	161,749	7,333	4.5%	154,416	95.5%
1950-1969	110,314	5,554	5.0%	104,760	95.0%
Pre 1950	85,922	2,778	3.2%	83,144	96.8%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	5,710	3.0%	185,929	97.0%
Natural Gas Heat	249,938	11,839	4.7%	238,099	95.3%
Other Fuel	6,945	1,481	21.3%	5,464	78.7%
Shared (No Heat on Bill)	36,289	434	1.2%	35,855	98.8%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	2,886	2.3%	121,893	97.7%
Two	221,729	10,054	4.5%	211,675	95.5%
Three	60,069	2,944	4.9%	57,125	95.1%
Four	48,897	2,416	4.9%	46,481	95.1%
Five +	29,337	1,164	4.0%	28,173	96.0%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	1,367	2.3%	58,114	97.7%
\$25,000 - \$49,999	137,082	5,290	3.9%	131,792	96.1%
\$50,000 - \$74,999	123,824	5,472	4.4%	118,352	95.6%
\$75,000 - \$99,999	66,780	1,778	2.7%	65,002	97.3%
\$100,000 +	97,644	5,556	5.7%	92,088	94.3%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	5,629	3.5%	153,358	96.5%
No	325,824	13,835	4.2%	311,990	95.8%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	2,162	4.2%	49,267	95.8%
No	409,630	16,196	4.0%	393,434	96.0%
Undeclared	23,751	1,105	4.7%	22,646	95.3%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	448	2.9%	15,008	97.1%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	18,154	4.1%	421,185	95.9%
Satisfactory	22,395	769	3.4%	21,626	96.6%
Poor	23,077	540	2.3%	22,537	97.7%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	18,280	4.5%	386,037	95.5%
Rent / Other	80,495	1,184	1.5%	79,311	98.5%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01g  
PARTICIPATION IN PLUG-IN TIMERS, POWER BARS, OR SHOWERHEADS IN-STORE REBATE PROMOTION**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>47,799</b>	<b>9.9%</b>	<b>437,012</b>	<b>90.1%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	26,910	10.3%	234,850	89.7%
Gas Available	140,021	13,568	9.7%	126,453	90.3%
No Gas Available	83,030	7,321	8.8%	75,709	91.2%
<b>DWELLING TYPE</b>					
Single Detached	373,568	38,630	10.3%	334,938	89.7%
Multi Attached	46,834	2,872	6.1%	43,962	93.9%
Apartment Suite	64,409	6,297	9.8%	58,112	90.2%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	2,554	6.8%	35,091	93.2%
1990-2009	89,181	9,548	10.7%	79,633	89.3%
1970-1989	161,749	16,316	10.1%	145,432	89.9%
1950-1969	110,314	13,580	12.3%	96,734	87.7%
Pre 1950	85,922	5,800	6.8%	80,122	93.2%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	17,520	9.1%	174,119	90.9%
Natural Gas Heat	249,938	26,816	10.7%	223,122	89.3%
Other Fuel	6,945	999	14.4%	5,946	85.6%
Shared (No Heat on Bill)	36,289	2,464	6.8%	33,825	93.2%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	12,662	10.1%	112,117	89.9%
Two	221,729	26,384	11.9%	195,345	88.1%
Three	60,069	3,827	6.4%	56,242	93.6%
Four	48,897	3,952	8.1%	44,944	91.9%
Five +	29,337	974	3.3%	28,363	96.7%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	4,712	7.9%	54,769	92.1%
\$25,000 - \$49,999	137,082	15,263	11.1%	121,819	88.9%
\$50,000 - \$74,999	123,824	13,071	10.6%	110,753	89.4%
\$75,000 - \$99,999	66,780	5,512	8.3%	61,267	91.7%
\$100,000 +	97,644	9,240	9.5%	88,404	90.5%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	15,023	9.4%	143,963	90.6%
No	325,824	32,776	10.1%	293,048	89.9%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	3,740	7.3%	47,689	92.7%
No	409,630	41,205	10.1%	368,425	89.9%
Undeclared	23,751	2,854	12.0%	20,897	88.0%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	1,075	7.0%	14,381	93.0%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	45,816	10.4%	393,523	89.6%
Satisfactory	22,395	887	4.0%	21,508	96.0%
Poor	23,077	1,096	4.8%	21,981	95.2%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	41,831	10.3%	362,485	89.7%
Rent / Other	80,495	5,968	7.4%	74,526	92.6%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01h  
PARTICIPATION IN WEATHERSTRIPPING OR WINDOW KITS IN-STORE REBATE PROMOTION**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>16,706</b>	<b>3.4%</b>	<b>468,105</b>	<b>96.6%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	9,663	3.7%	252,097	96.3%
Gas Available	140,021	3,744	2.7%	136,277	97.3%
No Gas Available	83,030	3,299	4.0%	79,731	96.0%
<b>DWELLING TYPE</b>					
Single Detached	373,568	13,685	3.7%	359,883	96.3%
Multi Attached	46,834	1,331	2.8%	45,503	97.2%
Apartment Suite	64,409	1,690	2.6%	62,719	97.4%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	396	1.1%	37,249	98.9%
1990-2009	89,181	1,986	2.2%	87,195	97.8%
1970-1989	161,749	5,086	3.1%	156,663	96.9%
1950-1969	110,314	4,377	4.0%	105,937	96.0%
Pre 1950	85,922	4,862	5.7%	81,060	94.3%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	5,823	3.0%	185,816	97.0%
Natural Gas Heat	249,938	9,339	3.7%	240,599	96.3%
Other Fuel	6,945	675	9.7%	6,270	90.3%
Shared (No Heat on Bill)	36,289	870	2.4%	35,419	97.6%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	4,569	3.7%	120,210	96.3%
Two	221,729	8,528	3.8%	213,201	96.2%
Three	60,069	1,277	2.1%	58,792	97.9%
Four	48,897	1,566	3.2%	47,330	96.8%
Five +	29,337	765	2.6%	28,571	97.4%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	2,815	4.7%	56,666	95.3%
\$25,000 - \$49,999	137,082	5,158	3.8%	131,925	96.2%
\$50,000 - \$74,999	123,824	4,513	3.6%	119,311	96.4%
\$75,000 - \$99,999	66,780	1,454	2.2%	65,326	97.8%
\$100,000 +	97,644	2,767	2.8%	94,877	97.2%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	6,828	4.3%	152,159	95.7%
No	325,824	9,878	3.0%	315,946	97.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	1,619	3.1%	49,811	96.9%
No	409,630	14,488	3.5%	395,143	96.5%
Undeclared	23,751	600	2.5%	23,151	97.5%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	622	4.0%	14,834	96.0%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	15,223	3.5%	424,116	96.5%
Satisfactory	22,395	820	3.7%	21,575	96.3%
Poor	23,077	664	2.9%	22,413	97.1%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	14,235	3.5%	390,081	96.5%
Rent / Other	80,495	2,472	3.1%	78,023	96.9%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01i  
PARTICIPATION IN THE NEW HOME PROGRAM**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>3,409</b>	<b>0.7%</b>	<b>481,402</b>	<b>99.3%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	1,262	0.5%	260,498	99.5%
Gas Available	140,021	1,017	0.7%	139,004	99.3%
No Gas Available	83,030	1,130	1.4%	81,900	98.6%
<b>DWELLING TYPE</b>					
Single Detached	373,568	3,304	0.9%	370,264	99.1%
Multi Attached	46,834	105	0.2%	46,729	99.8%
Apartment Suite	64,409	0	0.0%	64,409	100.0%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	1,598	4.2%	36,047	95.8%
1990-2009	89,181	774	0.9%	88,408	99.1%
1970-1989	161,749	389	0.2%	161,360	99.8%
1950-1969	110,314	435	0.4%	109,879	99.6%
Pre 1950	85,922	214	0.2%	85,708	99.8%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	1,501	0.8%	190,138	99.2%
Natural Gas Heat	249,938	1,778	0.7%	248,160	99.3%
Other Fuel	6,945	131	1.9%	6,814	98.1%
Shared (No Heat on Bill)	36,289	0	0.0%	36,289	100.0%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	296	0.2%	124,484	99.8%
Two	221,729	1,634	0.7%	220,095	99.3%
Three	60,069	453	0.8%	59,617	99.2%
Four	48,897	819	1.7%	48,077	98.3%
Five +	29,337	208	0.7%	29,129	99.3%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	174	0.3%	59,307	99.7%
\$25,000 - \$49,999	137,082	539	0.4%	136,543	99.6%
\$50,000 - \$74,999	123,824	580	0.5%	123,244	99.5%
\$75,000 - \$99,999	66,780	770	1.2%	66,009	98.8%
\$100,000 +	97,644	1,346	1.4%	96,298	98.6%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	859	0.5%	158,128	99.5%
No	325,824	2,551	0.8%	323,273	99.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	451	0.9%	50,978	99.1%
No	409,630	2,735	0.7%	406,895	99.3%
Undeclared	23,751	223	0.9%	23,528	99.1%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	349	2.3%	15,107	97.7%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	2,709	0.6%	436,630	99.4%
Satisfactory	22,395	277	1.2%	22,118	98.8%
Poor	23,077	423	1.8%	22,654	98.2%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	3,123	0.8%	401,193	99.2%
Rent / Other	80,495	287	0.4%	80,208	99.6%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01j  
PARTICIPATION IN THE PAY AS YOU SAVE (PAYS) FINANCING PROGRAM**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>7,712</b>	<b>1.6%</b>	<b>477,099</b>	<b>98.4%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	5,947	2.3%	255,813	97.7%
Gas Available	140,021	679	0.5%	139,342	99.5%
No Gas Available	83,030	1,086	1.3%	81,944	98.7%
<b>DWELLING TYPE</b>					
Single Detached	373,568	6,746	1.8%	366,822	98.2%
Multi Attached	46,834	222	0.5%	46,612	99.5%
Apartment Suite	64,409	743	1.2%	63,666	98.8%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	115	0.3%	37,530	99.7%
1990-2009	89,181	484	0.5%	88,697	99.5%
1970-1989	161,749	1,635	1.0%	160,113	99.0%
1950-1969	110,314	3,092	2.8%	107,222	97.2%
Pre 1950	85,922	2,385	2.8%	83,537	97.2%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	1,386	0.7%	190,253	99.3%
Natural Gas Heat	249,938	5,614	2.2%	244,324	97.8%
Other Fuel	6,945	131	1.9%	6,814	98.1%
Shared (No Heat on Bill)	36,289	580	1.6%	35,709	98.4%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	1,544	1.2%	123,236	98.8%
Two	221,729	3,876	1.7%	217,853	98.3%
Three	60,069	837	1.4%	59,232	98.6%
Four	48,897	831	1.7%	48,065	98.3%
Five +	29,337	624	2.1%	28,713	97.9%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	1,299	2.2%	58,182	97.8%
\$25,000 - \$49,999	137,082	2,071	1.5%	135,011	98.5%
\$50,000 - \$74,999	123,824	1,720	1.4%	122,104	98.6%
\$75,000 - \$99,999	66,780	689	1.0%	66,091	99.0%
\$100,000 +	97,644	1,933	2.0%	95,711	98.0%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	2,923	1.8%	156,063	98.2%
No	325,824	4,788	1.5%	321,036	98.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	873	1.7%	50,557	98.3%
No	409,630	6,380	1.6%	403,250	98.4%
Undeclared	23,751	459	1.9%	23,292	98.1%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	417	2.7%	15,039	97.3%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	6,682	1.5%	432,657	98.5%
Satisfactory	22,395	503	2.2%	21,892	97.8%
Poor	23,077	526	2.3%	22,551	97.7%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	6,612	1.6%	397,704	98.4%
Rent / Other	80,495	1,099	1.4%	79,395	98.6%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01k  
PARTICIPATION IN THE REFRIGERATOR RETIREMENT PROGRAM**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>71,489</b>	<b>14.7%</b>	<b>413,322</b>	<b>85.3%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	41,726	15.9%	220,034	84.1%
Gas Available	140,021	19,793	14.1%	120,228	85.9%
No Gas Available	83,030	9,970	12.0%	73,060	88.0%
<b>DWELLING TYPE</b>					
Single Detached	373,568	66,080	17.7%	307,488	82.3%
Multi Attached	46,834	3,976	8.5%	42,858	91.5%
Apartment Suite	64,409	1,433	2.2%	62,976	97.8%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	1,671	4.4%	35,974	95.6%
1990-2009	89,181	10,377	11.6%	78,804	88.4%
1970-1989	161,749	24,158	14.9%	137,590	85.1%
1950-1969	110,314	21,368	19.4%	88,947	80.6%
Pre 1950	85,922	13,915	16.2%	72,007	83.8%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	21,197	11.1%	170,442	88.9%
Natural Gas Heat	249,938	48,824	19.5%	201,114	80.5%
Other Fuel	6,945	0	0.0%	6,945	100.0%
Shared (No Heat on Bill)	36,289	1,468	4.0%	34,821	96.0%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	13,560	10.9%	111,220	89.1%
Two	221,729	38,421	17.3%	183,309	82.7%
Three	60,069	7,895	13.1%	52,174	86.9%
Four	48,897	8,181	16.7%	40,715	83.3%
Five +	29,337	3,433	11.7%	25,904	88.3%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	5,577	9.4%	53,904	90.6%
\$25,000 - \$49,999	137,082	18,961	13.8%	118,121	86.2%
\$50,000 - \$74,999	123,824	18,574	15.0%	105,250	85.0%
\$75,000 - \$99,999	66,780	11,556	17.3%	55,224	82.7%
\$100,000 +	97,644	16,821	17.2%	80,823	82.8%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	19,511	12.3%	139,476	87.7%
No	325,824	51,978	16.0%	273,846	84.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	4,121	8.0%	47,308	92.0%
No	409,630	64,321	15.7%	345,309	84.3%
Undeclared	23,751	3,047	12.8%	20,704	87.2%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	155	1.0%	15,301	99.0%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	68,063	15.5%	371,276	84.5%
Satisfactory	22,395	1,702	7.6%	20,693	92.4%
Poor	23,077	1,725	7.5%	21,352	92.5%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	69,346	17.2%	334,970	82.8%
Rent / Other	80,495	2,143	2.7%	78,352	97.3%



**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01  
PARTICIPATION IN THE RESIDENTIAL LOAN PROGRAM**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>26,931</b>	<b>5.6%</b>	<b>457,880</b>	<b>94.4%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	20,761	7.9%	240,999	92.1%
Gas Available	140,021	4,775	3.4%	135,246	96.6%
No Gas Available	83,030	1,395	1.7%	81,635	98.3%
<b>DWELLING TYPE</b>					
Single Detached	373,568	24,461	6.5%	349,107	93.5%
Multi Attached	46,834	2,470	5.3%	44,364	94.7%
Apartment Suite	64,409	0	0.0%	64,409	100.0%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	0	0.0%	37,645	100.0%
1990-2009	89,181	2,207	2.5%	86,974	97.5%
1970-1989	161,749	9,639	6.0%	152,110	94.0%
1950-1969	110,314	9,369	8.5%	100,946	91.5%
Pre 1950	85,922	5,716	6.7%	80,206	93.3%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	4,043	2.1%	187,596	97.9%
Natural Gas Heat	249,938	22,039	8.8%	227,899	91.2%
Other Fuel	6,945	849	12.2%	6,096	87.8%
Shared (No Heat on Bill)	36,289	0	0.0%	36,289	100.0%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	5,517	4.4%	119,262	95.6%
Two	221,729	9,903	4.5%	211,826	95.5%
Three	60,069	5,699	9.5%	54,370	90.5%
Four	48,897	3,848	7.9%	45,049	92.1%
Five +	29,337	1,963	6.7%	27,374	93.3%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	987	1.7%	58,493	98.3%
\$25,000 - \$49,999	137,082	6,168	4.5%	130,914	95.5%
\$50,000 - \$74,999	123,824	8,656	7.0%	115,168	93.0%
\$75,000 - \$99,999	66,780	3,481	5.2%	63,299	94.8%
\$100,000 +	97,644	7,639	7.8%	90,005	92.2%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	5,285	3.3%	153,702	96.7%
No	325,824	21,646	6.6%	304,178	93.4%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	2,524	4.9%	48,906	95.1%
No	409,630	22,907	5.6%	386,724	94.4%
Undeclared	23,751	1,501	6.3%	22,251	93.7%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	93	0.6%	15,363	99.4%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	25,492	5.8%	413,847	94.2%
Satisfactory	22,395	966	4.3%	21,429	95.7%
Poor	23,077	473	2.0%	22,604	98.0%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	26,726	6.6%	377,590	93.4%
Rent / Other	80,495	205	0.3%	80,290	99.7%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01m  
PARTICIPATION IN THE SMART THERMOSTAT REBATE PROGRAM**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>5,721</b>	<b>1.2%</b>	<b>479,090</b>	<b>98.8%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	3,194	1.2%	258,566	98.8%
Gas Available	140,021	1,621	1.2%	138,400	98.8%
No Gas Available	83,030	905	1.1%	82,125	98.9%
<b>DWELLING TYPE</b>					
Single Detached	373,568	5,396	1.4%	368,172	98.6%
Multi Attached	46,834	0	0.0%	46,834	100.0%
Apartment Suite	64,409	326	0.5%	64,084	99.5%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	942	2.5%	36,703	97.5%
1990-2009	89,181	1,332	1.5%	87,849	98.5%
1970-1989	161,749	1,016	0.6%	160,732	99.4%
1950-1969	110,314	1,535	1.4%	108,779	98.6%
Pre 1950	85,922	896	1.0%	85,026	99.0%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	2,134	1.1%	189,505	98.9%
Natural Gas Heat	249,938	3,587	1.4%	246,351	98.6%
Other Fuel	6,945	0	0.0%	6,945	100.0%
Shared (No Heat on Bill)	36,289	0	0.0%	36,289	100.0%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	497	0.4%	124,283	99.6%
Two	221,729	2,776	1.3%	218,953	98.7%
Three	60,069	890	1.5%	59,179	98.5%
Four	48,897	888	1.8%	48,008	98.2%
Five +	29,337	670	2.3%	28,667	97.7%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	177	0.3%	59,304	99.7%
\$25,000 - \$49,999	137,082	420	0.3%	136,662	99.7%
\$50,000 - \$74,999	123,824	1,143	0.9%	122,681	99.1%
\$75,000 - \$99,999	66,780	1,268	1.9%	65,511	98.1%
\$100,000 +	97,644	2,713	2.8%	94,931	97.2%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	718	0.5%	158,269	99.5%
No	325,824	5,003	1.5%	320,821	98.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	572	1.1%	50,858	98.9%
No	409,630	4,920	1.2%	404,710	98.8%
Undeclared	23,751	230	1.0%	23,522	99.0%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	93	0.6%	15,363	99.4%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	5,243	1.2%	434,096	98.8%
Satisfactory	22,395	363	1.6%	22,032	98.4%
Poor	23,077	115	0.5%	22,962	99.5%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	5,465	1.4%	398,851	98.6%
Rent / Other	80,495	256	0.3%	80,239	99.7%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01n  
PARTICIPATION IN THE WATER AND ENERGY SAVER PROGRAM**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>113,730</b>	<b>23.5%</b>	<b>371,081</b>	<b>76.5%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	69,301	26.5%	192,459	73.5%
Gas Available	140,021	29,387	21.0%	110,634	79.0%
No Gas Available	83,030	15,041	18.1%	67,989	81.9%
<b>DWELLING TYPE</b>					
Single Detached	373,568	97,638	26.1%	275,930	73.9%
Multi Attached	46,834	9,983	21.3%	36,851	78.7%
Apartment Suite	64,409	6,109	9.5%	58,300	90.5%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	3,961	10.5%	33,684	89.5%
1990-2009	89,181	20,224	22.7%	68,957	77.3%
1970-1989	161,749	39,624	24.5%	122,124	75.5%
1950-1969	110,314	31,007	28.1%	79,307	71.9%
Pre 1950	85,922	18,913	22.0%	67,008	78.0%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	35,533	18.5%	156,106	81.5%
Natural Gas Heat	249,938	73,928	29.6%	176,010	70.4%
Other Fuel	6,945	337	4.9%	6,608	95.1%
Shared (No Heat on Bill)	36,289	3,932	10.8%	32,357	89.2%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	22,388	17.9%	102,391	82.1%
Two	221,729	55,586	25.1%	166,143	74.9%
Three	60,069	15,378	25.6%	44,692	74.4%
Four	48,897	13,296	27.2%	35,601	72.8%
Five +	29,337	7,083	24.1%	22,253	75.9%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	8,077	13.6%	51,404	86.4%
\$25,000 - \$49,999	137,082	29,997	21.9%	107,085	78.1%
\$50,000 - \$74,999	123,824	35,651	28.8%	88,173	71.2%
\$75,000 - \$99,999	66,780	15,841	23.7%	50,939	76.3%
\$100,000 +	97,644	24,165	24.7%	73,479	75.3%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	29,607	18.6%	129,379	81.4%
No	325,824	84,123	25.8%	241,701	74.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	9,078	17.7%	42,351	82.3%
No	409,630	99,010	24.2%	310,621	75.8%
Undeclared	23,751	5,642	23.8%	18,109	76.2%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	1,560	10.1%	13,896	89.9%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	107,608	24.5%	331,731	75.5%
Satisfactory	22,395	3,405	15.2%	18,990	84.8%
Poor	23,077	2,717	11.8%	20,360	88.2%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	106,359	26.3%	297,957	73.7%
Rent / Other	80,495	7,371	9.2%	73,124	90.8%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.01o  
PARTICIPATION IN THE SOLAR ENERGY PROGRAM**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>3,313</b>	<b>0.7%</b>	<b>481,498</b>	<b>99.3%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	1,181	0.5%	260,579	99.5%
Gas Available	140,021	504	0.4%	139,517	99.6%
No Gas Available	83,030	1,628	2.0%	81,402	98.0%
<b>DWELLING TYPE</b>					
Single Detached	373,568	2,209	0.6%	371,359	99.4%
Multi Attached	46,834	154	0.3%	46,680	99.7%
Apartment Suite	64,409	950	1.5%	63,459	98.5%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	366	1.0%	37,279	99.0%
1990-2009	89,181	425	0.5%	88,756	99.5%
1970-1989	161,749	417	0.3%	161,331	99.7%
1950-1969	110,314	1,337	1.2%	108,977	98.8%
Pre 1950	85,922	768	0.9%	85,154	99.1%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	1,358	0.7%	190,281	99.3%
Natural Gas Heat	249,938	831	0.3%	249,107	99.7%
Other Fuel	6,945	337	4.9%	6,608	95.1%
Shared (No Heat on Bill)	36,289	787	2.2%	35,502	97.8%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	599	0.5%	124,181	99.5%
Two	221,729	2,168	1.0%	219,562	99.0%
Three	60,069	103	0.2%	59,967	99.8%
Four	48,897	445	0.9%	48,452	99.1%
Five +	29,337	0	0.0%	29,337	100.0%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	194	0.3%	59,287	99.7%
\$25,000 - \$49,999	137,082	617	0.4%	136,466	99.6%
\$50,000 - \$74,999	123,824	1,276	1.0%	122,548	99.0%
\$75,000 - \$99,999	66,780	707	1.1%	66,073	98.9%
\$100,000 +	97,644	520	0.5%	97,125	99.5%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	294	0.2%	158,693	99.8%
No	325,824	3,019	0.9%	322,805	99.1%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	227	0.4%	51,202	99.6%
No	409,630	3,086	0.8%	406,544	99.2%
Undeclared	23,751	0	0.0%	23,751	100.0%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	124	0.8%	15,332	99.2%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	3,136	0.7%	436,203	99.3%
Satisfactory	22,395	31	0.1%	22,364	99.9%
Poor	23,077	146	0.6%	22,931	99.4%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	2,085	0.5%	402,231	99.5%
Rent / Other	80,495	1,229	1.5%	79,266	98.5%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.02a  
INFLUENCE OF MANITOBA HYDRO'S DSM PROGRAM TO UPGRADE YOUR HOME INSULATION**

	TOTAL	DID NOT INSTALL/BUY %	DID NOT INFLUENCE %	SOMEWHAT INFLUENCED %	STRONGLY INFLUENCED %
<b>OVERALL</b>	484,811	347,806 71.7%	64,257 13.3%	26,746 5.5%	46,003 9.5%
<b>FUEL AREA</b>					
Winnipeg City	261,760	186,708 71.3%	34,635 13.2%	15,317 5.9%	25,100 9.6%
Gas Available	140,021	103,239 73.7%	18,007 12.9%	6,578 4.7%	12,197 8.7%
No Gas Available	83,030	57,859 69.7%	11,614 14.0%	4,851 5.8%	8,706 10.5%
<b>DWELLING TYPE</b>					
Single Detached	373,568	252,558 67.6%	56,477 15.1%	23,492 6.3%	41,041 11.0%
Multi Attached	46,834	34,685 74.1%	5,681 12.1%	2,141 4.6%	4,326 9.2%
Apartment Suite	64,409	60,563 94.0%	2,098 3.3%	1,113 1.7%	635 1.0%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	31,689 84.2%	4,596 12.2%	755 2.0%	605 1.6%
1990-2009	89,181	73,366 82.3%	9,736 10.9%	2,696 3.0%	3,384 3.8%
1970-1989	161,749	119,225 73.7%	18,789 11.6%	8,690 5.4%	15,045 9.3%
1950-1969	110,314	72,008 65.3%	17,146 15.5%	7,572 6.9%	13,588 12.3%
Pre 1950	85,922	51,518 60.0%	13,989 16.3%	7,033 8.2%	13,381 15.6%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	143,759 75.0%	22,751 11.9%	8,610 4.5%	16,520 8.6%
Natural Gas Heat	249,938	167,929 67.2%	38,881 15.6%	16,197 6.5%	26,931 10.8%
Other Fuel	6,945	4,716 67.9%	734 10.6%	265 3.8%	1,231 17.7%
Shared (No Heat on Bill)	36,289	31,402 86.5%	1,891 5.2%	1,675 4.6%	1,321 3.6%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	96,926 77.7%	13,429 10.8%	5,695 4.6%	8,730 7.0%
Two	221,729	155,104 70.0%	30,823 13.9%	12,315 5.6%	23,487 10.6%
Three	60,069	42,413 70.6%	7,702 12.8%	4,259 7.1%	5,694 9.5%
Four	48,897	32,993 67.5%	8,343 17.1%	3,121 6.4%	4,440 9.1%
Five +	29,337	20,369 69.4%	3,959 13.5%	1,356 4.6%	3,652 12.4%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	47,452 79.8%	4,871 8.2%	2,820 4.7%	4,337 7.3%
\$25,000 - \$49,999	137,082	99,313 72.4%	15,090 11.0%	7,931 5.8%	14,749 10.8%
\$50,000 - \$74,999	123,824	86,317 69.7%	18,245 14.7%	7,332 5.9%	11,930 9.6%
\$75,000 - \$99,999	66,780	48,512 72.6%	10,221 15.3%	2,703 4.0%	5,345 8.0%
\$100,000 +	97,644	66,212 67.8%	15,829 16.2%	5,960 6.1%	9,643 9.9%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	116,985 73.6%	16,204 10.2%	10,079 6.3%	15,719 9.9%
No	325,824	230,821 70.8%	48,053 14.7%	16,667 5.1%	30,283 9.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	37,379 72.7%	6,585 12.8%	2,355 4.6%	5,111 9.9%
No	409,630	293,408 71.6%	53,572 13.1%	22,846 5.6%	39,804 9.7%
Undeclared	23,751	17,019 71.7%	4,100 17.3%	1,545 6.5%	1,087 4.6%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	11,783 76.2%	1,690 10.9%	721 4.7%	1,262 8.2%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	313,958 71.5%	59,620 13.6%	23,869 5.4%	41,892 9.5%
Satisfactory	22,395	16,371 73.1%	2,311 10.3%	1,531 6.8%	2,182 9.7%
Poor	23,077	17,477 75.7%	2,326 10.1%	1,346 5.8%	1,928 8.4%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	274,632 67.9%	60,424 14.9%	24,911 6.2%	44,349 11.0%
Rent / Other	80,495	73,174 90.9%	3,833 4.8%	1,835 2.3%	1,654 2.1%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.02b  
INFLUENCE OF MANITOBA HYDRO'S DSM PROGRAM TO INSTALL A NEW HEATING SYSTEM**

	DID NOT			DID NOT		SOMEWHAT		STRONGLY	
	TOTAL	INSTALL/BUY	%	INFLUENCE	%	INFLUENCED	%	INFLUENCED	%
<b>OVERALL</b>	484,811	299,426	61.8%	118,734	24.5%	25,024	5.2%	41,627	8.6%
<b>FUEL AREA</b>									
Winnipeg City	261,760	148,123	56.6%	65,499	25.0%	18,377	7.0%	29,761	11.4%
Gas Available	140,021	90,248	64.5%	37,846	27.0%	4,461	3.2%	7,465	5.3%
No Gas Available	83,030	61,055	73.5%	15,389	18.5%	2,185	2.6%	4,401	5.3%
<b>DWELLING TYPE</b>									
Single Detached	373,568	220,329	59.0%	95,522	25.6%	21,622	5.8%	36,094	9.7%
Multi Attached	46,834	28,110	60.0%	13,336	28.5%	2,247	4.8%	3,142	6.7%
Apartment Suite	64,409	50,987	79.2%	9,876	15.3%	1,154	1.8%	2,392	3.7%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	3,239	8.6%	32,202	85.5%	843	2.2%	1,361	3.6%
1990-2009	89,181	68,107	76.4%	14,325	16.1%	1,961	2.2%	4,788	5.4%
1970-1989	161,749	107,443	66.4%	29,703	18.4%	9,723	6.0%	14,879	9.2%
1950-1969	110,314	65,298	59.2%	25,790	23.4%	8,683	7.9%	10,543	9.6%
Pre 1950	85,922	55,339	64.4%	16,713	19.5%	3,815	4.4%	10,055	11.7%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	134,632	70.3%	44,394	23.2%	3,164	1.7%	9,450	4.9%
Natural Gas Heat	249,938	127,597	51.1%	71,381	28.6%	20,654	8.3%	30,306	12.1%
Other Fuel	6,945	5,481	78.9%	1,068	15.4%	265	3.8%	131	1.9%
Shared (No Heat on Bill)	36,289	31,716	87.4%	1,891	5.2%	941	2.6%	1,741	4.8%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	87,351	70.0%	23,617	18.9%	4,688	3.8%	9,123	7.3%
Two	221,729	133,602	60.3%	56,535	25.5%	13,399	6.0%	18,194	8.2%
Three	60,069	35,802	59.6%	15,031	25.0%	3,118	5.2%	6,118	10.2%
Four	48,897	26,543	54.3%	14,984	30.6%	2,222	4.5%	5,149	10.5%
Five +	29,337	16,129	55.0%	8,567	29.2%	1,597	5.4%	3,043	10.4%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	42,505	71.5%	8,874	14.9%	1,474	2.5%	6,628	11.1%
\$25,000 - \$49,999	137,082	90,947	66.3%	26,439	19.3%	8,121	5.9%	11,575	8.4%
\$50,000 - \$74,999	123,824	74,783	60.4%	31,860	25.7%	7,098	5.7%	10,083	8.1%
\$75,000 - \$99,999	66,780	39,058	58.5%	20,497	30.7%	2,845	4.3%	4,380	6.6%
\$100,000 +	97,644	52,133	53.4%	31,064	31.8%	5,486	5.6%	8,961	9.2%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	107,058	67.3%	28,148	17.7%	7,524	4.7%	16,257	10.2%
No	325,824	192,368	59.0%	90,586	27.8%	17,500	5.4%	25,370	7.8%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	33,692	65.5%	11,005	21.4%	2,022	3.9%	4,711	9.2%
No	409,630	251,894	61.5%	100,328	24.5%	21,836	5.3%	35,573	8.7%
Undeclared	23,751	13,840	58.3%	7,402	31.2%	1,165	4.9%	1,344	5.7%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	10,366	67.1%	2,610	16.9%	497	3.2%	1,983	12.8%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	267,871	61.0%	110,640	25.2%	23,264	5.3%	37,564	8.6%
Satisfactory	22,395	15,004	67.0%	4,243	18.9%	1,010	4.5%	2,138	9.5%
Poor	23,077	16,552	71.7%	3,851	16.7%	749	3.2%	1,925	8.3%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	239,187	59.2%	104,481	25.8%	23,746	5.9%	36,902	9.1%
Rent / Other	80,495	60,240	74.8%	14,253	17.7%	1,278	1.6%	4,725	5.9%

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.02c  
INFLUENCE OF MANITOBA HYDRO'S DSM PROGRAM TO BUY A NEW REFRIGERATOR**

	DID NOT		DID NOT		SOMEWHAT		STRONGLY	
	TOTAL	INSTALL/BUY %	INFLUENCE %	INFLUENCE %	INFLUENCED %	INFLUENCED %	INFLUENCED %	INFLUENCED %
<b>OVERALL</b>	484,811	283,098 58.4%	156,617 32.3%		31,801 6.6%		13,296 2.7%	
<b>FUEL AREA</b>								
Winnipeg City	261,760	148,926 56.9%	85,293 32.6%		19,740 7.5%		7,801 3.0%	
Gas Available	140,021	82,690 59.1%	47,821 34.2%		6,385 4.6%		3,125 2.2%	
No Gas Available	83,030	51,481 62.0%	23,503 28.3%		5,676 6.8%		2,370 2.9%	
<b>DWELLING TYPE</b>								
Single Detached	373,568	209,666 56.1%	125,403 33.6%		26,714 7.2%		11,785 3.2%	
Multi Attached	46,834	28,015 59.8%	15,253 32.6%		2,998 6.4%		567 1.2%	
Apartment Suite	64,409	45,416 70.5%	15,960 24.8%		2,089 3.2%		944 1.5%	
<b>BUILDING CODE ERA</b>								
2010-2017	37,645	14,283 37.9%	21,527 57.2%		949 2.5%		887 2.4%	
1990-2009	89,181	57,255 64.2%	23,443 26.3%		5,781 6.5%		2,703 3.0%	
1970-1989	161,749	95,770 59.2%	48,787 30.2%		12,410 7.7%		4,782 3.0%	
1950-1969	110,314	61,988 56.2%	38,176 34.6%		7,770 7.0%		2,380 2.2%	
Pre 1950	85,922	53,802 62.6%	24,684 28.7%		4,892 5.7%		2,544 3.0%	
<b>SPACE HEAT FUEL</b>								
Electric Heat	191,639	117,117 61.1%	59,279 30.9%		10,228 5.3%		5,016 2.6%	
Natural Gas Heat	249,938	134,436 53.8%	86,579 34.6%		20,786 8.3%		8,136 3.3%	
Other Fuel	6,945	4,422 63.7%	2,523 36.3%		0 0.0%		0 0.0%	
Shared (No Heat on Bill)	36,289	27,122 74.7%	8,236 22.7%		787 2.2%		143 0.4%	
<b>PEOPLE PER HOUSEHOLD</b>								
One	124,779	82,685 66.3%	33,130 26.6%		6,287 5.0%		2,678 2.1%	
Two	221,729	125,083 56.4%	72,994 32.9%		17,004 7.7%		6,649 3.0%	
Three	60,069	33,137 55.2%	20,906 34.8%		3,921 6.5%		2,105 3.5%	
Four	48,897	26,098 53.4%	18,179 37.2%		3,110 6.4%		1,510 3.1%	
Five +	29,337	16,094 54.9%	11,409 38.9%		1,480 5.0%		354 1.2%	
<b>HOUSEHOLD INCOME</b>								
Less Than \$25,000	59,481	39,963 67.2%	16,086 27.0%		2,099 3.5%		1,334 2.2%	
\$25,000 - \$49,999	137,082	88,819 64.8%	35,825 26.1%		8,854 6.5%		3,585 2.6%	
\$50,000 - \$74,999	123,824	69,689 56.3%	41,401 33.4%		9,160 7.4%		3,574 2.9%	
\$75,000 - \$99,999	66,780	35,135 52.6%	25,236 37.8%		4,366 6.5%		2,043 3.1%	
\$100,000 +	97,644	49,492 50.7%	38,070 39.0%		7,323 7.5%		2,759 2.8%	
<b>WINNIPEG LICO-125 CLASS</b>								
Yes	158,987	103,238 64.9%	43,735 27.5%		7,899 5.0%		4,115 2.6%	
No	325,824	179,859 55.2%	112,882 34.6%		23,903 7.3%		9,181 2.8%	
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>								
Yes	51,429	31,935 62.1%	14,914 29.0%		3,660 7.1%		920 1.8%	
No	409,630	235,934 57.6%	135,381 33.0%		26,710 6.5%		11,606 2.8%	
Undeclared	23,751	15,228 64.1%	6,322 26.6%		1,431 6.0%		770 3.2%	
<b>FIRST NATION ON RESERVE</b>								
FIRST NATION ON RESERVE	15,456	9,851 63.7%	4,269 27.6%		746 4.8%		591 3.8%	
<b>BILL PAYMENT RATING</b>								
Excellent	439,339	253,562 57.7%	143,507 32.7%		29,995 6.8%		12,276 2.8%	
Satisfactory	22,395	14,501 64.8%	6,265 28.0%		989 4.4%		639 2.9%	
Poor	23,077	15,035 65.2%	6,845 29.7%		817 3.5%		380 1.6%	
<b>DWELLING OWNERSHIP</b>								
Own	404,316	225,976 55.9%	135,931 33.6%		30,234 7.5%		12,174 3.0%	
Rent / Other	80,495	57,121 71.0%	20,685 25.7%		1,567 1.9%		1,122 1.4%	

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.02d  
INFLUENCE OF MANITOBA HYDRO'S DSM PROGRAM TO BUY A NEW FREEZER**

	DID NOT			DID NOT		SOMEWHAT		STRONGLY	
	TOTAL	INSTALL/BUY	%	INFLUENCE	%	INFLUENCED	%	INFLUENCED	%
<b>OVERALL</b>	484,811	358,100	73.9%	103,465	21.3%	16,325	3.4%	6,921	1.4%
<b>FUEL AREA</b>									
Winnipeg City	261,760	195,025	74.5%	54,089	20.7%	8,471	3.2%	4,174	1.6%
Gas Available	140,021	99,829	71.3%	33,750	24.1%	5,222	3.7%	1,220	0.9%
No Gas Available	83,030	63,246	76.2%	15,626	18.8%	2,631	3.2%	1,527	1.8%
<b>DWELLING TYPE</b>									
Single Detached	373,568	265,332	71.0%	87,505	23.4%	14,538	3.9%	6,193	1.7%
Multi Attached	46,834	36,842	78.7%	8,593	18.3%	983	2.1%	415	0.9%
Apartment Suite	64,409	55,927	86.8%	7,367	11.4%	803	1.2%	312	0.5%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	25,965	69.0%	10,621	28.2%	815	2.2%	245	0.7%
1990-2009	89,181	67,558	75.8%	17,363	19.5%	2,598	2.9%	1,663	1.9%
1970-1989	161,749	119,086	73.6%	33,555	20.7%	6,427	4.0%	2,681	1.7%
1950-1969	110,314	80,050	72.6%	24,383	22.1%	4,319	3.9%	1,562	1.4%
Pre 1950	85,922	65,442	76.2%	17,544	20.4%	2,165	2.5%	771	0.9%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	147,547	77.0%	36,744	19.2%	4,503	2.3%	2,846	1.5%
Natural Gas Heat	249,938	174,194	69.7%	60,487	24.2%	11,182	4.5%	4,075	1.6%
Other Fuel	6,945	4,938	71.1%	2,007	28.9%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	31,423	86.6%	4,226	11.6%	640	1.8%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	102,251	81.9%	18,912	15.2%	2,729	2.2%	887	0.7%
Two	221,729	157,796	71.2%	50,853	22.9%	8,637	3.9%	4,443	2.0%
Three	60,069	43,295	72.1%	13,417	22.3%	2,306	3.8%	1,051	1.7%
Four	48,897	34,841	71.3%	12,005	24.6%	1,718	3.5%	332	0.7%
Five +	29,337	19,917	67.9%	8,277	28.2%	934	3.2%	208	0.7%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	49,832	83.8%	7,751	13.0%	1,045	1.8%	852	1.4%
\$25,000 - \$49,999	137,082	105,763	77.2%	24,819	18.1%	4,865	3.5%	1,635	1.2%
\$50,000 - \$74,999	123,824	89,534	72.3%	28,507	23.0%	3,948	3.2%	1,836	1.5%
\$75,000 - \$99,999	66,780	46,424	69.5%	16,667	25.0%	2,334	3.5%	1,355	2.0%
\$100,000 +	97,644	66,547	68.2%	25,721	26.3%	4,132	4.2%	1,244	1.3%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	126,132	79.3%	26,600	16.7%	4,396	2.8%	1,858	1.2%
No	325,824	231,968	71.2%	76,865	23.6%	11,928	3.7%	5,063	1.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	39,923	77.6%	8,891	17.3%	1,941	3.8%	674	1.3%
No	409,630	301,297	73.6%	89,113	21.8%	13,399	3.3%	5,821	1.4%
Undeclared	23,751	16,880	71.1%	5,460	23.0%	985	4.1%	426	1.8%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	12,262	79.3%	2,324	15.0%	466	3.0%	404	2.6%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	322,326	73.4%	95,533	21.7%	15,136	3.4%	6,343	1.4%
Satisfactory	22,395	17,175	76.7%	4,199	18.7%	661	3.0%	360	1.6%
Poor	23,077	18,599	80.6%	3,733	16.2%	528	2.3%	218	0.9%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	290,676	71.9%	92,257	22.8%	14,991	3.7%	6,393	1.6%
Rent / Other	80,495	67,425	83.8%	11,208	13.9%	1,334	1.7%	528	0.7%



**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.02e  
INFLUENCE OF MANITOBA HYDRO'S DSM PROGRAM TO BUY A NEW CLOTHES WASHER**

	DID NOT		DID NOT		SOMEWHAT		STRONGLY	
	TOTAL	INSTALL/BUY %	INFLUENCE %	INFLUENCED %	INFLUENCED %	INFLUENCED %		
<b>OVERALL</b>	484,811	301,690 62.2%	146,511 30.2%	24,849 5.1%	11,761 2.4%			
<b>FUEL AREA</b>								
Winnipeg City	261,760	164,029 62.7%	76,019 29.0%	14,133 5.4%	7,579 2.9%			
Gas Available	140,021	84,165 60.1%	47,157 33.7%	6,410 4.6%	2,289 1.6%			
No Gas Available	83,030	53,496 64.4%	23,335 28.1%	4,306 5.2%	1,893 2.3%			
<b>DWELLING TYPE</b>								
Single Detached	373,568	221,301 59.2%	121,160 32.4%	21,213 5.7%	9,893 2.6%			
Multi Attached	46,834	29,644 63.3%	14,125 30.2%	2,035 4.3%	1,030 2.2%			
Apartment Suite	64,409	50,745 78.8%	11,226 17.4%	1,601 2.5%	838 1.3%			
<b>BUILDING CODE ERA</b>								
2010-2017	37,645	15,564 41.3%	20,453 54.3%	1,054 2.8%	574 1.5%			
1990-2009	89,181	56,018 62.8%	25,177 28.2%	5,251 5.9%	2,736 3.1%			
1970-1989	161,749	102,540 63.4%	45,411 28.1%	9,458 5.8%	4,339 2.7%			
1950-1969	110,314	70,012 63.5%	32,135 29.1%	5,749 5.2%	2,418 2.2%			
Pre 1950	85,922	57,557 67.0%	23,335 27.2%	3,337 3.9%	1,693 2.0%			
<b>SPACE HEAT FUEL</b>								
Electric Heat	191,639	123,032 64.2%	56,136 29.3%	8,305 4.3%	4,166 2.2%			
Natural Gas Heat	249,938	144,271 57.7%	82,605 33.1%	15,757 6.3%	7,304 2.9%			
Other Fuel	6,945	4,045 58.2%	2,900 41.8%	0 0.0%	0 0.0%			
Shared (No Heat on Bill)	36,289	30,343 83.6%	4,869 13.4%	787 2.2%	290 0.8%			
<b>PEOPLE PER HOUSEHOLD</b>								
One	124,779	91,695 73.5%	26,837 21.5%	4,243 3.4%	2,004 1.6%			
Two	221,729	132,693 59.8%	70,523 31.8%	12,740 5.7%	5,773 2.6%			
Three	60,069	34,052 56.7%	19,964 33.2%	4,061 6.8%	1,992 3.3%			
Four	48,897	27,182 55.6%	17,533 35.9%	2,810 5.7%	1,371 2.8%			
Five +	29,337	16,069 54.8%	11,653 39.7%	994 3.4%	620 2.1%			
<b>HOUSEHOLD INCOME</b>								
Less Than \$25,000	59,481	44,827 75.4%	11,933 20.1%	1,731 2.9%	990 1.7%			
\$25,000 - \$49,999	137,082	93,668 68.3%	32,917 24.0%	6,838 5.0%	3,659 2.7%			
\$50,000 - \$74,999	123,824	71,878 58.0%	41,881 33.8%	6,918 5.6%	3,147 2.5%			
\$75,000 - \$99,999	66,780	38,036 57.0%	24,648 36.9%	2,918 4.4%	1,179 1.8%			
\$100,000 +	97,644	53,281 54.6%	35,133 36.0%	6,444 6.6%	2,787 2.9%			
<b>WINNIPEG LICO-125 CLASS</b>								
Yes	158,987	111,619 70.2%	36,240 22.8%	7,145 4.5%	3,983 2.5%			
No	325,824	190,071 58.3%	110,271 33.8%	17,704 5.4%	7,778 2.4%			
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>								
Yes	51,429	33,961 66.0%	13,359 26.0%	3,137 6.1%	972 1.9%			
No	409,630	253,361 61.9%	125,591 30.7%	20,534 5.0%	10,144 2.5%			
Undeclared	23,751	14,368 60.5%	7,561 31.8%	1,177 5.0%	644 2.7%			
<b>FIRST NATION ON RESERVE</b>								
FIRST NATION ON RESERVE	15,456	9,724 62.9%	4,265 27.6%	876 5.7%	591 3.8%			
<b>BILL PAYMENT RATING</b>								
Excellent	439,339	271,469 61.8%	134,243 30.6%	22,599 5.1%	11,028 2.5%			
Satisfactory	22,395	14,782 66.0%	6,313 28.2%	877 3.9%	422 1.9%			
Poor	23,077	15,439 66.9%	5,955 25.8%	1,372 5.9%	311 1.3%			
<b>DWELLING OWNERSHIP</b>								
Own	404,316	242,165 59.9%	128,541 31.8%	23,033 5.7%	10,578 2.6%			
Rent / Other	80,495	59,525 73.9%	17,970 22.3%	1,816 2.3%	1,183 1.5%			

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.02f  
INFLUENCE OF MANITOBA HYDRO'S DSM PROGRAM TO BUY A WI-FI THERMOSTAT**

	DID NOT		DID NOT		SOMEWHAT		STRONGLY	
	TOTAL	INSTALL/BUY %	INFLUENCE %	INFLUENCED %	INFLUENCED %	INFLUENCED %		
<b>OVERALL</b>	484,811	414,179 85.4%	55,947 11.5%	6,911 1.4%	7,775 1.6%			
<b>FUEL AREA</b>								
Winnipeg City	261,760	219,710 83.9%	33,049 12.6%	4,461 1.7%	4,541 1.7%			
Gas Available	140,021	121,392 86.7%	15,303 10.9%	1,600 1.1%	1,726 1.2%			
No Gas Available	83,030	73,076 88.0%	7,595 9.1%	850 1.0%	1,509 1.8%			
<b>DWELLING TYPE</b>								
Single Detached	373,568	311,917 83.5%	49,126 13.2%	5,862 1.6%	6,662 1.8%			
Multi Attached	46,834	41,842 89.3%	4,269 9.1%	723 1.5%	0 0.0%			
Apartment Suite	64,409	60,420 93.8%	2,551 4.0%	326 0.5%	1,113 1.7%			
<b>BUILDING CODE ERA</b>								
2010-2017	37,645	30,045 79.8%	5,493 14.6%	1,295 3.4%	812 2.2%			
1990-2009	89,181	74,325 83.3%	11,765 13.2%	1,277 1.4%	1,814 2.0%			
1970-1989	161,749	143,454 88.7%	14,607 9.0%	2,042 1.3%	1,647 1.0%			
1950-1969	110,314	91,365 82.8%	15,003 13.6%	1,621 1.5%	2,325 2.1%			
Pre 1950	85,922	74,990 87.3%	9,078 10.6%	676 0.8%	1,177 1.4%			
<b>SPACE HEAT FUEL</b>								
Electric Heat	191,639	171,442 89.5%	15,700 8.2%	1,645 0.9%	2,852 1.5%			
Natural Gas Heat	249,938	203,383 81.4%	37,153 14.9%	5,266 2.1%	4,136 1.7%			
Other Fuel	6,945	6,476 93.3%	469 6.7%	0 0.0%	0 0.0%			
Shared (No Heat on Bill)	36,289	32,877 90.6%	2,625 7.2%	0 0.0%	787 2.2%			
<b>PEOPLE PER HOUSEHOLD</b>								
One	124,779	113,040 90.6%	10,067 8.1%	720 0.6%	952 0.8%			
Two	221,729	188,537 85.0%	26,572 12.0%	2,929 1.3%	3,692 1.7%			
Three	60,069	50,021 83.3%	7,144 11.9%	1,595 2.7%	1,309 2.2%			
Four	48,897	38,780 79.3%	7,735 15.8%	1,291 2.6%	1,091 2.2%			
Five +	29,337	23,800 81.1%	4,428 15.1%	376 1.3%	732 2.5%			
<b>HOUSEHOLD INCOME</b>								
Less Than \$25,000	59,481	55,930 94.0%	2,665 4.5%	490 0.8%	396 0.7%			
\$25,000 - \$49,999	137,082	122,312 89.2%	12,268 8.9%	1,251 0.9%	1,251 0.9%			
\$50,000 - \$74,999	123,824	104,751 84.6%	15,122 12.2%	1,615 1.3%	2,336 1.9%			
\$75,000 - \$99,999	66,780	55,697 83.4%	8,682 13.0%	1,297 1.9%	1,104 1.7%			
\$100,000 +	97,644	75,489 77.3%	17,209 17.6%	2,258 2.3%	2,688 2.8%			
<b>WINNIPEG LICO-125 CLASS</b>								
Yes	158,987	143,785 90.4%	11,754 7.4%	1,856 1.2%	1,592 1.0%			
No	325,824	270,394 83.0%	44,192 13.6%	5,055 1.6%	6,183 1.9%			
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>								
Yes	51,429	45,191 87.9%	4,769 9.3%	692 1.3%	777 1.5%			
No	409,630	348,838 85.2%	48,372 11.8%	5,754 1.4%	6,666 1.6%			
Undeclared	23,751	20,150 84.8%	2,805 11.8%	465 2.0%	332 1.4%			
<b>FIRST NATION ON RESERVE</b>								
FIRST NATION ON RESERVE	15,456	13,964 90.3%	933 6.0%	249 1.6%	311 2.0%			
<b>BILL PAYMENT RATING</b>								
Excellent	439,339	373,232 85.0%	52,874 12.0%	5,977 1.4%	7,256 1.7%			
Satisfactory	22,395	19,805 88.4%	1,771 7.9%	508 2.3%	311 1.4%			
Poor	23,077	21,142 91.6%	1,302 5.6%	425 1.8%	208 0.9%			
<b>DWELLING OWNERSHIP</b>								
Own	404,316	339,261 83.9%	52,025 12.9%	6,619 1.6%	6,412 1.6%			
Rent / Other	80,495	74,918 93.1%	3,922 4.9%	292 0.4%	1,363 1.7%			

**2017 RESIDENTIAL SURVEY SECTION 8 - DEMAND SIDE MANAGEMENT - REFERENCE TABLE 8.03  
WHAT HAS BEEN DONE TO YOUR HOME TO REDUCE ENERGY USE**

	ALL THAT CAN BE DONE			MOST OF WHAT CAN BE DONE		HALF OF WHAT CAN BE DONE		NOT MUCH HAS BEEN DONE		NOTHING HAS BEEN DONE	
	TOTAL	DONE	%	DONE	%	BE DONE	%	DONE	%	DONE	%
<b>OVERALL</b>	<b>484,811</b>	<b>35,327</b>	<b>7.3%</b>	<b>124,862</b>	<b>25.8%</b>	<b>142,720</b>	<b>29.4%</b>	<b>101,825</b>	<b>21.0%</b>	<b>80,076</b>	<b>16.5%</b>
<b>FUEL AREA</b>											
Winnipeg City	261,760	17,226	6.6%	65,790	25.1%	85,112	32.5%	50,358	19.2%	43,274	16.5%
Gas Available	140,021	11,279	8.1%	39,180	28.0%	36,905	26.4%	31,987	22.8%	20,669	14.8%
No Gas Available	83,030	6,823	8.2%	19,892	24.0%	20,703	24.9%	19,479	23.5%	16,133	19.4%
<b>DWELLING TYPE</b>											
Single Detached	373,568	24,787	6.6%	108,576	29.1%	117,862	31.6%	80,422	21.5%	41,921	11.2%
Multi Attached	46,834	4,191	8.9%	7,563	16.1%	13,362	28.5%	10,571	22.6%	11,148	23.8%
Apartment Suite	64,409	6,350	9.9%	8,723	13.5%	11,497	17.9%	10,832	16.8%	27,007	41.9%
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	4,218	11.2%	12,272	32.6%	7,280	19.3%	4,631	12.3%	9,243	24.6%
1990-2009	89,181	7,202	8.1%	21,443	24.0%	23,371	26.2%	20,275	22.7%	16,890	18.9%
1970-1989	161,749	11,459	7.1%	40,454	25.0%	49,255	30.5%	34,349	21.2%	26,231	16.2%
1950-1969	110,314	7,273	6.6%	29,331	26.6%	36,833	33.4%	21,618	19.6%	15,261	13.8%
Pre 1950	85,922	5,176	6.0%	21,362	24.9%	25,982	30.2%	20,951	24.4%	12,451	14.5%
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	15,389	8.0%	48,037	25.1%	47,127	24.6%	40,802	21.3%	40,284	21.0%
Natural Gas Heat	249,938	15,064	6.0%	73,006	29.2%	86,355	34.6%	51,956	20.8%	23,557	9.4%
Other Fuel	6,945	893	12.9%	1,071	15.4%	1,231	17.7%	2,813	40.5%	937	13.5%
Shared (No Heat on Bill)	36,289	3,982	11.0%	2,748	7.6%	8,008	22.1%	6,253	17.2%	15,298	42.2%
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	10,498	8.4%	25,098	20.1%	34,551	27.7%	22,757	18.2%	31,875	25.5%
Two	221,729	18,194	8.2%	65,533	29.6%	60,068	27.1%	47,211	21.3%	30,723	13.9%
Three	60,069	3,568	5.9%	14,837	24.7%	22,058	36.7%	13,622	22.7%	5,984	10.0%
Four	48,897	2,085	4.3%	12,433	25.4%	18,022	36.9%	10,987	22.5%	5,369	11.0%
Five +	29,337	982	3.3%	6,961	23.7%	8,021	27.3%	7,247	24.7%	6,124	20.9%
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	6,714	11.3%	8,820	14.8%	12,703	21.4%	11,980	20.1%	19,265	32.4%
\$25,000 - \$49,999	137,082	11,121	8.1%	34,303	25.0%	36,320	26.5%	27,356	20.0%	27,982	20.4%
\$50,000 - \$74,999	123,824	8,545	6.9%	32,675	26.4%	39,758	32.1%	25,850	20.9%	16,996	13.7%
\$75,000 - \$99,999	66,780	3,961	5.9%	17,683	26.5%	21,734	32.5%	15,574	23.3%	7,829	11.7%
\$100,000 +	97,644	4,987	5.1%	31,382	32.1%	32,206	33.0%	21,064	21.6%	8,005	8.2%
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	13,721	8.6%	33,126	20.8%	39,620	24.9%	32,440	20.4%	40,080	25.2%
No	325,824	21,607	6.6%	91,736	28.2%	103,101	31.6%	69,385	21.3%	39,996	12.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	3,227	6.3%	9,388	18.3%	12,937	25.2%	11,096	21.6%	14,781	28.7%
No	409,630	29,993	7.3%	109,346	26.7%	123,160	30.1%	86,556	21.1%	60,576	14.8%
Undeclared	23,751	2,107	8.9%	6,129	25.8%	6,623	27.9%	4,172	17.6%	4,720	19.9%
<b>FIRST NATION ON RESERVE</b>											
FIRST NATION ON RESERVE	15,456	1,785	11.5%	1,753	11.3%	3,159	20.4%	3,053	19.8%	5,707	36.9%
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	32,144	7.3%	118,191	26.9%	131,936	30.0%	89,135	20.3%	67,933	15.5%
Satisfactory	22,395	1,346	6.0%	3,464	15.5%	6,128	27.4%	5,866	26.2%	5,591	25.0%
Poor	23,077	1,838	8.0%	3,207	13.9%	4,656	20.2%	6,824	29.6%	6,552	28.4%
<b>DWELLING OWNERSHIP</b>											
Own	404,316	27,665	6.8%	116,717	28.9%	128,462	31.8%	87,660	21.7%	43,813	10.8%
Rent / Other	80,495	7,663	9.5%	8,145	10.1%	14,259	17.7%	14,165	17.6%	36,264	45.1%



# **SECTION 9**

## **BILLS AND RATES**

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.01  
HOW DO YOU USUALLY PAY YOUR MANITOBA HYRDO BILL**

	IN PERSON AT MB HYDRO			IN PERSON AT MB HYDRO			ON-		PRE-		THIRD				
	TOTAL	OFFICE	%	AGENCY	%	MAIL	%	LINE	%	PAYMENT	%	TELEPHONE	%	PARTY	%
<b>OVERALL</b>	484,811	15,377	3.2%	67,615	13.9%	20,384	4.2%	205,656	42.4%	151,129	31.2%	19,433	4.0%	5,217	1.1%
<b>FUEL AREA</b>															
Winnipeg City	261,760	4,787	1.8%	32,833	12.5%	7,888	3.0%	121,355	46.4%	81,930	31.3%	11,940	4.6%	1,027	0.4%
Gas Available	140,021	6,128	4.4%	19,480	13.9%	6,692	4.8%	55,193	39.4%	48,246	34.5%	3,928	2.8%	355	0.3%
No Gas Available	83,030	4,462	5.4%	15,302	18.4%	5,805	7.0%	29,108	35.1%	20,953	25.2%	3,565	4.3%	3,835	4.6%
<b>DWELLING TYPE</b>															
Single Detached	373,568	11,273	3.0%	51,718	13.8%	15,711	4.2%	158,327	42.4%	117,313	31.4%	14,751	3.9%	4,476	1.2%
Multi Attached	46,834	1,850	4.0%	7,189	15.3%	1,337	2.9%	19,919	42.5%	14,251	30.4%	1,999	4.3%	288	0.6%
Apartment Suite	64,409	2,253	3.5%	8,709	13.5%	3,336	5.2%	27,409	42.6%	19,565	30.4%	2,684	4.2%	453	0.7%
<b>BUILDING CODE ERA</b>															
2010-2017	37,645	947	2.5%	4,051	10.8%	694	1.8%	20,602	54.7%	10,773	28.6%	177	0.5%	400	1.1%
1990-2009	89,181	2,961	3.3%	12,124	13.6%	2,523	2.8%	32,942	36.9%	33,597	37.7%	2,717	3.0%	2,317	2.6%
1970-1989	161,749	4,347	2.7%	20,759	12.8%	8,288	5.1%	69,005	42.7%	48,881	30.2%	9,134	5.6%	1,334	0.8%
1950-1969	110,314	2,418	2.2%	14,937	13.5%	4,752	4.3%	47,278	42.9%	35,929	32.6%	4,886	4.4%	115	0.1%
Pre 1950	85,922	4,704	5.5%	15,745	18.3%	4,126	4.8%	35,828	41.7%	21,949	25.5%	2,519	2.9%	1,051	1.2%
<b>SPACE HEAT FUEL</b>															
Electric Heat	191,639	7,416	3.9%	30,289	15.8%	10,786	5.6%	73,930	38.6%	57,790	30.2%	7,309	3.8%	4,119	2.1%
Natural Gas Heat	249,938	4,752	1.9%	30,626	12.3%	7,426	3.0%	113,142	45.3%	83,666	33.5%	9,650	3.9%	676	0.3%
Other Fuel	6,945	675	9.7%	2,049	29.5%	425	6.1%	1,496	21.5%	1,437	20.7%	734	10.6%	131	1.9%
Shared (No Heat on Bill)	36,289	2,534	7.0%	4,653	12.8%	1,748	4.8%	17,088	47.1%	8,236	22.7%	1,741	4.8%	290	0.8%
<b>PEOPLE PER HOUSEHOLD</b>															
One	124,779	5,193	4.2%	22,738	18.2%	6,415	5.1%	39,301	31.5%	43,040	34.5%	6,184	5.0%	1,909	1.5%
Two	221,729	6,197	2.8%	30,702	13.8%	10,567	4.8%	89,156	40.2%	75,534	34.1%	8,405	3.8%	1,168	0.5%
Three	60,069	1,972	3.3%	5,940	9.9%	1,492	2.5%	31,831	53.0%	15,380	25.6%	3,175	5.3%	280	0.5%
Four	48,897	1,237	2.5%	4,551	9.3%	1,216	2.5%	27,197	55.6%	12,646	25.9%	1,153	2.4%	896	1.8%
Five +	29,337	779	2.7%	3,684	12.6%	694	2.4%	18,170	61.9%	4,529	15.4%	516	1.8%	964	3.3%
<b>HOUSEHOLD INCOME</b>															
Less Than \$25,000	59,481	5,612	9.4%	16,960	28.5%	4,003	6.7%	10,267	17.3%	15,620	26.3%	3,126	5.3%	3,892	6.5%
\$25,000 - \$49,999	137,082	4,882	3.6%	27,818	20.3%	6,656	4.9%	48,304	35.2%	42,574	31.1%	6,022	4.4%	827	0.6%
\$50,000 - \$74,999	123,824	1,920	1.6%	13,043	10.5%	5,022	4.1%	58,677	47.4%	39,480	31.9%	5,382	4.3%	301	0.2%
\$75,000 - \$99,999	66,780	1,640	2.5%	4,489	6.7%	1,351	2.0%	34,664	51.9%	22,209	33.3%	2,261	3.4%	165	0.2%
\$100,000 +	97,644	1,323	1.4%	5,305	5.4%	3,353	3.4%	53,744	55.0%	31,246	32.0%	2,643	2.7%	31	0.0%
<b>WINNIPEG LICO-125 CLASS</b>															
Yes	158,987	9,472	6.0%	38,344	24.1%	8,422	5.3%	47,361	29.8%	43,814	27.6%	6,885	4.3%	4,689	2.9%
No	325,824	5,905	1.8%	29,271	9.0%	11,962	3.7%	158,295	48.6%	107,314	32.9%	12,549	3.9%	528	0.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>															
Yes	51,429	3,367	6.5%	10,038	19.5%	1,812	3.5%	20,463	39.8%	9,597	18.7%	2,007	3.9%	4,145	8.1%
No	409,630	10,988	2.7%	53,116	13.0%	17,179	4.2%	176,176	43.0%	134,898	32.9%	16,547	4.0%	727	0.2%
Undeclared	23,751	1,022	4.3%	4,462	18.8%	1,393	5.9%	9,017	38.0%	6,635	27.9%	879	3.7%	344	1.4%
<b>FIRST NATION ON RESERVE</b>															
FIRST NATION ON RESERVE	15,456	1,530	9.9%	5,024	32.5%	317	2.0%	3,686	23.8%	653	4.2%	971	6.3%	3,276	21.2%
<b>BILL PAYMENT RATING</b>															
Excellent	439,339	10,635	2.4%	57,984	13.2%	17,936	4.1%	182,792	41.6%	149,933	34.1%	17,439	4.0%	2,620	0.6%
Satisfactory	22,395	1,762	7.9%	4,863	21.7%	1,638	7.3%	10,753	48.0%	1,196	5.3%	1,087	4.9%	1,096	4.9%
Poor	23,077	2,979	12.9%	4,768	20.7%	811	3.5%	12,110	52.5%	0	0.0%	908	3.9%	1,501	6.5%
<b>DWELLING OWNERSHIP</b>															
Own	404,316	10,990	2.7%	52,273	12.9%	16,918	4.2%	171,088	42.3%	135,312	33.5%	16,175	4.0%	1,560	0.4%
Rent / Other	80,495	4,387	5.4%	15,343	19.1%	3,466	4.3%	34,568	42.9%	15,817	19.6%	3,258	4.0%	3,656	4.5%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.02  
HOW OFTEN DO YOU CHECK YOUR ENERGY BILL**

	EVERY MONTH		EVERY TWO MONTHS		1 TO 4 TIMES PER YEAR		NEVER CHECK	
	TOTAL	%	TOTAL	%	TOTAL	%	TOTAL	%
<b>OVERALL</b>	484,811	371,398 76.6%	30,856 6.4%		51,701 10.7%		30,857 6.4%	
<b>FUEL AREA</b>								
Winnipeg City	261,760	195,077 74.5%	18,916 7.2%		29,152 11.1%		18,615 7.1%	
Gas Available	140,021	110,181 78.7%	7,689 5.5%		14,856 10.6%		7,295 5.2%	
No Gas Available	83,030	66,139 79.7%	4,251 5.1%		7,693 9.3%		4,947 6.0%	
<b>DWELLING TYPE</b>								
Single Detached	373,568	290,951 77.9%	20,137 5.4%		42,356 11.3%		20,124 5.4%	
Multi Attached	46,834	36,102 77.1%	2,806 6.0%		4,097 8.7%		3,829 8.2%	
Apartment Suite	64,409	44,345 68.8%	7,912 12.3%		5,248 8.1%		6,904 10.7%	
<b>BUILDING CODE ERA</b>								
2010-2017	37,645	30,596 81.3%	2,486 6.6%		3,001 8.0%		1,562 4.2%	
1990-2009	89,181	66,096 74.1%	4,327 4.9%		13,263 14.9%		5,495 6.2%	
1970-1989	161,749	125,966 77.9%	10,218 6.3%		14,815 9.2%		10,749 6.6%	
1950-1969	110,314	82,238 74.5%	8,942 8.1%		11,526 10.4%		7,608 6.9%	
Pre 1950	85,922	66,502 77.4%	4,882 5.7%		9,096 10.6%		5,442 6.3%	
<b>SPACE HEAT FUEL</b>								
Electric Heat	191,639	154,247 80.5%	10,451 5.5%		16,892 8.8%		10,048 5.2%	
Natural Gas Heat	249,938	191,897 76.8%	13,465 5.4%		30,483 12.2%		14,093 5.6%	
Other Fuel	6,945	3,441 49.6%	1,758 25.3%		1,277 18.4%		469 6.7%	
Shared (No Heat on Bill)	36,289	21,812 60.1%	5,181 14.3%		3,048 8.4%		6,247 17.2%	
<b>PEOPLE PER HOUSEHOLD</b>								
One	124,779	93,321 74.8%	8,987 7.2%		11,227 9.0%		11,245 9.0%	
Two	221,729	176,120 79.4%	12,707 5.7%		21,843 9.9%		11,059 5.0%	
Three	60,069	45,788 76.2%	4,126 6.9%		7,580 12.6%		2,575 4.3%	
Four	48,897	33,813 69.2%	3,506 7.2%		7,962 16.3%		3,615 7.4%	
Five +	29,337	22,355 76.2%	1,529 5.2%		3,089 10.5%		2,364 8.1%	
<b>HOUSEHOLD INCOME</b>								
Less Than \$25,000	59,481	43,491 73.1%	4,779 8.0%		4,700 7.9%		6,511 10.9%	
\$25,000 - \$49,999	137,082	110,196 80.4%	7,067 5.2%		12,392 9.0%		7,428 5.4%	
\$50,000 - \$74,999	123,824	96,848 78.2%	7,982 6.4%		12,537 10.1%		6,457 5.2%	
\$75,000 - \$99,999	66,780	50,657 75.9%	3,582 5.4%		8,614 12.9%		3,927 5.9%	
\$100,000 +	97,644	70,205 71.9%	7,447 7.6%		13,459 13.8%		6,533 6.7%	
<b>WINNIPEG LICO-125 CLASS</b>								
Yes	158,987	123,302 77.6%	10,591 6.7%		13,689 8.6%		11,405 7.2%	
No	325,824	248,096 76.1%	20,265 6.2%		38,012 11.7%		19,452 6.0%	
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>								
Yes	51,429	37,702 73.3%	2,866 5.6%		5,517 10.7%		5,344 10.4%	
No	409,630	315,782 77.1%	26,770 6.5%		43,194 10.5%		23,884 5.8%	
Undeclared	23,751	17,914 75.4%	1,220 5.1%		2,989 12.6%		1,629 6.9%	
<b>FIRST NATION ON RESERVE</b>								
FIRST NATION ON RESERVE	15,456	10,780 69.7%	629 4.1%		2,106 13.6%		1,941 12.6%	
<b>BILL PAYMENT RATING</b>								
Excellent	439,339	339,247 77.2%	27,626 6.3%		44,753 10.2%		27,713 6.3%	
Satisfactory	22,395	16,665 74.4%	1,043 4.7%		3,213 14.3%		1,474 6.6%	
Poor	23,077	15,485 67.1%	2,187 9.5%		3,735 16.2%		1,670 7.2%	
<b>DWELLING OWNERSHIP</b>								
Own	404,316	313,936 77.6%	22,610 5.6%		46,101 11.4%		21,669 5.4%	
Rent / Other	80,495	57,462 71.4%	8,246 10.2%		5,599 7.0%		9,187 11.4%	

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.03  
AWARENESS OF MANITOBA HYDRO'S MYBILL**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>139,093</b>	<b>28.7%</b>	<b>345,718</b>	<b>71.3%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	90,120	34.4%	171,640	65.6%
Gas Available	140,021	32,433	23.2%	107,588	76.8%
No Gas Available	83,030	16,541	19.9%	66,489	80.1%
<b>DWELLING TYPE</b>					
Single Detached	373,568	105,276	28.2%	268,292	71.8%
Multi Attached	46,834	11,885	25.4%	34,949	74.6%
Apartment Suite	64,409	21,933	34.1%	42,476	65.9%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	12,938	34.4%	24,707	65.6%
1990-2009	89,181	25,753	28.9%	63,428	71.1%
1970-1989	161,749	44,607	27.6%	117,142	72.4%
1950-1969	110,314	32,628	29.6%	77,686	70.4%
Pre 1950	85,922	23,168	27.0%	62,754	73.0%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	44,485	23.2%	147,154	76.8%
Natural Gas Heat	249,938	81,062	32.4%	168,876	67.6%
Other Fuel	6,945	1,568	22.6%	5,377	77.4%
Shared (No Heat on Bill)	36,289	11,979	33.0%	24,310	67.0%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	29,515	23.7%	95,265	76.3%
Two	221,729	63,541	28.7%	158,188	71.3%
Three	60,069	19,270	32.1%	40,800	67.9%
Four	48,897	18,269	37.4%	30,627	62.6%
Five +	29,337	8,499	29.0%	20,838	71.0%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	6,054	10.2%	53,426	89.8%
\$25,000 - \$49,999	137,082	27,280	19.9%	109,802	80.1%
\$50,000 - \$74,999	123,824	41,629	33.6%	82,195	66.4%
\$75,000 - \$99,999	66,780	23,064	34.5%	43,716	65.5%
\$100,000 +	97,644	41,066	42.1%	56,578	57.9%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	25,010	15.7%	133,977	84.3%
No	325,824	114,083	35.0%	211,741	65.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	9,718	18.9%	41,711	81.1%
No	409,630	124,342	30.4%	285,288	69.6%
Undeclared	23,751	5,033	21.2%	18,718	78.8%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	1,032	6.7%	14,424	93.3%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	130,763	29.8%	308,576	70.2%
Satisfactory	22,395	5,106	22.8%	17,289	77.2%
Poor	23,077	3,224	14.0%	19,853	86.0%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	117,139	29.0%	287,177	71.0%
Rent / Other	80,495	21,954	27.3%	58,541	72.7%



**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.04  
INTEREST IN RECEIVING YOUR MANITOBA HYDRO BILL BY EMAIL**

	TOTAL	YES	%	NO	%	NOT SURE	%	ALREADY DO	%	NO INTERNET	%
<b>OVERALL</b>	<b>484,811</b>	<b>38,499</b>	<b>7.9%</b>	<b>236,773</b>	<b>48.8%</b>	<b>38,916</b>	<b>8.0%</b>	<b>148,787</b>	<b>30.7%</b>	<b>21,836</b>	<b>4.5%</b>
<b>FUEL AREA</b>											
Winnipeg City	261,760	20,599	7.9%	119,828	45.8%	20,272	7.7%	93,878	35.9%	7,182	2.7%
Gas Available	140,021	11,983	8.6%	72,985	52.1%	11,559	8.3%	36,572	26.1%	6,922	4.9%
No Gas Available	83,030	5,917	7.1%	43,960	52.9%	7,084	8.5%	18,337	22.1%	7,732	9.3%
<b>DWELLING TYPE</b>											
Single Detached	373,568	28,303	7.6%	183,949	49.2%	32,523	8.7%	111,716	29.9%	17,077	4.6%
Multi Attached	46,834	5,001	10.7%	25,619	54.7%	2,884	6.2%	12,448	26.6%	883	1.9%
Apartment Suite	64,409	5,195	8.1%	27,206	42.2%	3,509	5.4%	24,623	38.2%	3,876	6.0%
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	4,468	11.9%	15,585	41.4%	2,809	7.5%	13,882	36.9%	901	2.4%
1990-2009	89,181	8,558	9.6%	43,791	49.1%	5,648	6.3%	27,706	31.1%	3,478	3.9%
1970-1989	161,749	12,036	7.4%	80,325	49.7%	14,580	9.0%	47,831	29.6%	6,977	4.3%
1950-1969	110,314	7,305	6.6%	53,407	48.4%	8,565	7.8%	35,088	31.8%	5,950	5.4%
Pre 1950	85,922	6,132	7.1%	43,665	50.8%	7,314	8.5%	24,281	28.3%	4,530	5.3%
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	17,011	8.9%	97,812	51.0%	15,028	7.8%	49,816	26.0%	11,970	6.2%
Natural Gas Heat	249,938	19,198	7.7%	118,553	47.4%	21,617	8.6%	84,376	33.8%	6,195	2.5%
Other Fuel	6,945	0	0.0%	2,592	37.3%	530	7.6%	2,036	29.3%	1,786	25.7%
Shared (No Heat on Bill)	36,289	2,290	6.3%	17,815	49.1%	1,741	4.8%	12,559	34.6%	1,884	5.2%
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	8,087	6.5%	63,733	51.1%	8,048	6.4%	32,780	26.3%	12,132	9.7%
Two	221,729	16,085	7.3%	112,165	50.6%	17,455	7.9%	68,621	30.9%	7,403	3.3%
Three	60,069	4,927	8.2%	28,144	46.9%	5,396	9.0%	20,211	33.6%	1,392	2.3%
Four	48,897	6,037	12.3%	19,103	39.1%	4,700	9.6%	18,584	38.0%	473	1.0%
Five +	29,337	3,363	11.5%	13,629	46.5%	3,317	11.3%	8,592	29.3%	435	1.5%
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	3,373	5.7%	35,339	59.4%	4,177	7.0%	7,940	13.3%	8,652	14.5%
\$25,000 - \$49,999	137,082	10,246	7.5%	76,794	56.0%	9,243	6.7%	30,485	22.2%	10,314	7.5%
\$50,000 - \$74,999	123,824	8,573	6.9%	58,297	47.1%	10,068	8.1%	44,648	36.1%	2,238	1.8%
\$75,000 - \$99,999	66,780	5,808	8.7%	30,235	45.3%	6,680	10.0%	23,627	35.4%	429	0.6%
\$100,000 +	97,644	10,499	10.8%	36,108	37.0%	8,747	9.0%	42,087	43.1%	203	0.2%
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	11,307	7.1%	90,322	56.8%	11,603	7.3%	29,180	18.4%	16,574	10.4%
No	325,824	27,192	8.3%	146,451	44.9%	27,312	8.4%	119,607	36.7%	5,261	1.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	5,397	10.5%	27,385	53.2%	4,581	8.9%	10,784	21.0%	3,282	6.4%
No	409,630	31,113	7.6%	195,385	47.7%	32,920	8.0%	132,529	32.4%	17,685	4.3%
Undeclared	23,751	1,989	8.4%	14,004	59.0%	1,415	6.0%	5,475	23.1%	869	3.7%
<b>FIRST NATION ON RESERVE</b>											
FIRST NATION ON RESERVE	15,456	1,871	12.1%	8,342	54.0%	1,492	9.7%	1,505	9.7%	2,245	14.5%
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	32,870	7.5%	213,874	48.7%	34,314	7.8%	139,292	31.7%	18,990	4.3%
Satisfactory	22,395	2,566	11.5%	11,387	50.8%	2,018	9.0%	5,598	25.0%	826	3.7%
Poor	23,077	3,063	13.3%	11,512	49.9%	2,584	11.2%	3,898	16.9%	2,020	8.8%
<b>DWELLING OWNERSHIP</b>											
Own	404,316	31,371	7.8%	198,101	49.0%	34,288	8.5%	124,489	30.8%	16,068	4.0%
Rent / Other	80,495	7,128	8.9%	38,673	48.0%	4,628	5.7%	24,299	30.2%	5,768	7.2%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.05  
HOW MANY TIMES DID YOU ACCESS MANITOBA HYDRO WEBSITE IN THE LAST YEAR**

	TOTAL	ZERO	%	1-5	%	6-10	%	OVER 10	%
<b>OVERALL</b>	484,811	299,828	61.8%	118,745	24.5%	21,067	4.3%	45,171	9.3%
<b>FUEL AREA</b>									
Winnipeg City	261,760	151,770	58.0%	71,742	27.4%	12,360	4.7%	25,889	9.9%
Gas Available	140,021	89,834	64.2%	33,437	23.9%	5,911	4.2%	10,839	7.7%
No Gas Available	83,030	58,224	70.1%	13,566	16.3%	2,797	3.4%	8,443	10.2%
<b>DWELLING TYPE</b>									
Single Detached	373,568	228,807	61.2%	92,506	24.8%	16,843	4.5%	35,412	9.5%
Multi Attached	46,834	31,290	66.8%	10,805	23.1%	1,684	3.6%	3,055	6.5%
Apartment Suite	64,409	39,731	61.7%	15,434	24.0%	2,541	3.9%	6,704	10.4%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	20,830	55.3%	11,536	30.6%	1,692	4.5%	3,587	9.5%
1990-2009	89,181	55,462	62.2%	21,008	23.6%	4,184	4.7%	8,526	9.6%
1970-1989	161,749	103,963	64.3%	38,018	23.5%	5,767	3.6%	14,001	8.7%
1950-1969	110,314	64,595	58.6%	29,955	27.2%	5,301	4.8%	10,463	9.5%
Pre 1950	85,922	54,977	64.0%	18,228	21.2%	4,123	4.8%	8,594	10.0%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	127,630	66.6%	38,325	20.0%	7,659	4.0%	18,026	9.4%
Natural Gas Heat	249,938	144,090	57.7%	71,190	28.5%	11,804	4.7%	22,854	9.1%
Other Fuel	6,945	5,112	73.6%	940	13.5%	0	0.0%	893	12.9%
Shared (No Heat on Bill)	36,289	22,996	63.4%	8,291	22.8%	1,604	4.4%	3,398	9.4%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	89,135	71.4%	23,271	18.7%	4,580	3.7%	7,793	6.2%
Two	221,729	139,651	63.0%	49,912	22.5%	9,599	4.3%	22,567	10.2%
Three	60,069	31,656	52.7%	19,311	32.1%	2,367	3.9%	6,736	11.2%
Four	48,897	22,706	46.4%	18,369	37.6%	2,659	5.4%	5,163	10.6%
Five +	29,337	16,680	56.9%	7,882	26.9%	1,863	6.4%	2,912	9.9%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	52,347	88.0%	4,653	7.8%	163	0.3%	2,318	3.9%
\$25,000 - \$49,999	137,082	97,352	71.0%	26,450	19.3%	3,649	2.7%	9,632	7.0%
\$50,000 - \$74,999	123,824	72,121	58.2%	31,283	25.3%	6,392	5.2%	14,029	11.3%
\$75,000 - \$99,999	66,780	35,176	52.7%	20,920	31.3%	3,698	5.5%	6,986	10.5%
\$100,000 +	97,644	42,832	43.9%	35,439	36.3%	7,167	7.3%	12,206	12.5%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	124,220	78.1%	22,172	13.9%	3,191	2.0%	9,404	5.9%
No	325,824	175,608	53.9%	96,573	29.6%	17,876	5.5%	35,768	11.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	35,874	69.8%	10,609	20.6%	1,784	3.5%	3,162	6.1%
No	409,630	248,233	60.6%	102,717	25.1%	18,530	4.5%	40,151	9.8%
Undeclared	23,751	15,721	66.2%	5,419	22.8%	753	3.2%	1,859	7.8%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	14,014	90.7%	783	5.1%	249	1.6%	410	2.7%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	268,364	61.1%	108,653	24.7%	19,330	4.4%	42,993	9.8%
Satisfactory	22,395	14,513	64.8%	4,966	22.2%	1,493	6.7%	1,423	6.4%
Poor	23,077	16,951	73.5%	5,125	22.2%	245	1.1%	756	3.3%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	246,393	60.9%	102,101	25.3%	17,794	4.4%	38,029	9.4%
Rent / Other	80,495	53,435	66.4%	16,643	20.7%	3,274	4.1%	7,142	8.9%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.06a**  
**WHEN YOU CHECK YOUR BILL, DO YOU MAINLY LOOK AT DUE DATE**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	484,811	274,923	56.7%	209,888	43.3%
<b>FUEL AREA</b>					
Winnipeg City	261,760	157,094	60.0%	104,666	40.0%
Gas Available	140,021	75,093	53.6%	64,928	46.4%
No Gas Available	83,030	42,736	51.5%	40,294	48.5%
<b>DWELLING TYPE</b>					
Single Detached	373,568	210,617	56.4%	162,951	43.6%
Multi Attached	46,834	26,352	56.3%	20,482	43.7%
Apartment Suite	64,409	37,954	58.9%	26,455	41.1%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	22,915	60.9%	14,730	39.1%
1990-2009	89,181	44,867	50.3%	44,314	49.7%
1970-1989	161,749	93,375	57.7%	68,374	42.3%
1950-1969	110,314	64,614	58.6%	45,701	41.4%
Pre 1950	85,922	49,152	57.2%	36,770	42.8%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	102,236	53.3%	89,403	46.7%
Natural Gas Heat	249,938	146,394	58.6%	103,544	41.4%
Other Fuel	6,945	4,746	68.3%	2,199	31.7%
Shared (No Heat on Bill)	36,289	21,547	59.4%	14,742	40.6%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	69,380	55.6%	55,400	44.4%
Two	221,729	123,558	55.7%	98,171	44.3%
Three	60,069	36,199	60.3%	23,871	39.7%
Four	48,897	28,599	58.5%	20,297	41.5%
Five +	29,337	17,187	58.6%	12,150	41.4%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	32,662	54.9%	26,819	45.1%
\$25,000 - \$49,999	137,082	80,294	58.6%	56,788	41.4%
\$50,000 - \$74,999	123,824	70,319	56.8%	53,505	43.2%
\$75,000 - \$99,999	66,780	37,069	55.5%	29,711	44.5%
\$100,000 +	97,644	54,579	55.9%	43,065	44.1%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	92,190	58.0%	66,797	42.0%
No	325,824	182,733	56.1%	143,091	43.9%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	30,004	58.3%	21,425	41.7%
No	409,630	231,106	56.4%	178,525	43.6%
Undeclared	23,751	13,814	58.2%	9,938	41.8%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	9,375	60.7%	6,081	39.3%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	246,934	56.2%	192,405	43.8%
Satisfactory	22,395	13,351	59.6%	9,044	40.4%
Poor	23,077	14,638	63.4%	8,439	36.6%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	225,216	55.7%	179,100	44.3%
Rent / Other	80,495	49,707	61.8%	30,788	38.2%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.06b  
WHEN YOU CHECK YOUR BILL, DO YOU MAINLY LOOK AT DOLLAR AMOUNT OWING**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	484,811	376,619	77.7%	108,192	22.3%
<b>FUEL AREA</b>					
Winnipeg City	261,760	207,020	79.1%	54,740	20.9%
Gas Available	140,021	109,370	78.1%	30,651	21.9%
No Gas Available	83,030	60,230	72.5%	22,800	27.5%
<b>DWELLING TYPE</b>					
Single Detached	373,568	288,724	77.3%	84,844	22.7%
Multi Attached	46,834	35,335	75.4%	11,499	24.6%
Apartment Suite	64,409	52,560	81.6%	11,849	18.4%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	30,560	81.2%	7,085	18.8%
1990-2009	89,181	67,881	76.1%	21,300	23.9%
1970-1989	161,749	124,861	77.2%	36,888	22.8%
1950-1969	110,314	85,662	77.7%	24,653	22.3%
Pre 1950	85,922	67,656	78.7%	18,266	21.3%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	147,229	76.8%	44,410	23.2%
Natural Gas Heat	249,938	195,677	78.3%	54,261	21.7%
Other Fuel	6,945	6,214	89.5%	731	10.5%
Shared (No Heat on Bill)	36,289	27,500	75.8%	8,789	24.2%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	93,385	74.8%	31,395	25.2%
Two	221,729	172,533	77.8%	49,196	22.2%
Three	60,069	48,810	81.3%	11,259	18.7%
Four	48,897	39,254	80.3%	9,643	19.7%
Five +	29,337	22,638	77.2%	6,699	22.8%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	42,230	71.0%	17,251	29.0%
\$25,000 - \$49,999	137,082	107,720	78.6%	29,362	21.4%
\$50,000 - \$74,999	123,824	97,379	78.6%	26,445	21.4%
\$75,000 - \$99,999	66,780	52,278	78.3%	14,502	21.7%
\$100,000 +	97,644	77,012	78.9%	20,632	21.1%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	119,752	75.3%	39,235	24.7%
No	325,824	256,868	78.8%	68,957	21.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	38,806	75.5%	12,623	24.5%
No	409,630	320,184	78.2%	89,446	21.8%
Undeclared	23,751	17,629	74.2%	6,123	25.8%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	11,115	71.9%	4,341	28.1%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	338,971	77.2%	100,368	22.8%
Satisfactory	22,395	17,858	79.7%	4,537	20.3%
Poor	23,077	19,790	85.8%	3,287	14.2%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	313,013	77.4%	91,303	22.6%
Rent / Other	80,495	63,607	79.0%	16,888	21.0%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.06c  
WHEN YOU CHECK YOUR BILL, DO YOU MAINLY LOOK AT CURRENT USAGE AMOUNT**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	484,811	248,478	51.3%	236,333	48.7%
<b>FUEL AREA</b>					
Winnipeg City	261,760	128,625	49.1%	133,135	50.9%
Gas Available	140,021	74,343	53.1%	65,678	46.9%
No Gas Available	83,030	45,509	54.8%	37,521	45.2%
<b>DWELLING TYPE</b>					
Single Detached	373,568	198,443	53.1%	175,125	46.9%
Multi Attached	46,834	20,665	44.1%	26,169	55.9%
Apartment Suite	64,409	29,370	45.6%	35,039	54.4%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	22,625	60.1%	15,020	39.9%
1990-2009	89,181	43,580	48.9%	45,601	51.1%
1970-1989	161,749	82,142	50.8%	79,606	49.2%
1950-1969	110,314	56,778	51.5%	53,536	48.5%
Pre 1950	85,922	43,352	50.5%	42,570	49.5%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	105,257	54.9%	86,382	45.1%
Natural Gas Heat	249,938	126,463	50.6%	123,475	49.4%
Other Fuel	6,945	3,148	45.3%	3,797	54.7%
Shared (No Heat on Bill)	36,289	13,610	37.5%	22,679	62.5%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	57,145	45.8%	67,634	54.2%
Two	221,729	118,988	53.7%	102,741	46.3%
Three	60,069	32,246	53.7%	27,824	46.3%
Four	48,897	25,003	51.1%	23,893	48.9%
Five +	29,337	15,095	51.5%	14,241	48.5%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	24,547	41.3%	34,934	58.7%
\$25,000 - \$49,999	137,082	70,462	51.4%	66,620	48.6%
\$50,000 - \$74,999	123,824	67,156	54.2%	56,668	45.8%
\$75,000 - \$99,999	66,780	36,116	54.1%	30,664	45.9%
\$100,000 +	97,644	50,196	51.4%	47,448	48.6%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	76,228	47.9%	82,759	52.1%
No	325,824	172,250	52.9%	153,575	47.1%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	22,650	44.0%	28,779	56.0%
No	409,630	214,210	52.3%	195,421	47.7%
Undeclared	23,751	11,618	48.9%	12,134	51.1%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	4,602	29.8%	10,854	70.2%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	228,921	52.1%	210,418	47.9%
Satisfactory	22,395	10,041	44.8%	12,354	55.2%
Poor	23,077	9,516	41.2%	13,561	58.8%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	213,752	52.9%	190,564	47.1%
Rent / Other	80,495	34,726	43.1%	45,769	56.9%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.06d  
WHEN YOU CHECK YOUR BILL, DO YOU MAINLY LOOK AT USAGE HISTORY**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	484,811	168,441	34.7%	316,370	65.3%
<b>FUEL AREA</b>					
Winnipeg City	261,760	91,862	35.1%	169,898	64.9%
Gas Available	140,021	47,359	33.8%	92,662	66.2%
No Gas Available	83,030	29,220	35.2%	53,810	64.8%
<b>DWELLING TYPE</b>					
Single Detached	373,568	136,290	36.5%	237,278	63.5%
Multi Attached	46,834	14,296	30.5%	32,538	69.5%
Apartment Suite	64,409	17,854	27.7%	46,555	72.3%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	13,254	35.2%	24,391	64.8%
1990-2009	89,181	30,048	33.7%	59,134	66.3%
1970-1989	161,749	57,359	35.5%	104,390	64.5%
1950-1969	110,314	38,289	34.7%	72,026	65.3%
Pre 1950	85,922	29,492	34.3%	56,430	65.7%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	67,998	35.5%	123,641	64.5%
Natural Gas Heat	249,938	89,774	35.9%	160,164	64.1%
Other Fuel	6,945	2,345	33.8%	4,600	66.2%
Shared (No Heat on Bill)	36,289	8,324	22.9%	27,965	77.1%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	35,605	28.5%	89,175	71.5%
Two	221,729	76,845	34.7%	144,884	65.3%
Three	60,069	24,587	40.9%	35,482	59.1%
Four	48,897	19,156	39.2%	29,740	60.8%
Five +	29,337	12,247	41.7%	17,089	58.3%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	13,642	22.9%	45,838	77.1%
\$25,000 - \$49,999	137,082	42,840	31.3%	94,243	68.7%
\$50,000 - \$74,999	123,824	47,286	38.2%	76,539	61.8%
\$75,000 - \$99,999	66,780	25,452	38.1%	41,328	61.9%
\$100,000 +	97,644	39,222	40.2%	58,422	59.8%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	45,252	28.5%	113,734	71.5%
No	325,824	123,188	37.8%	202,636	62.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	14,783	28.7%	36,646	71.3%
No	409,630	144,651	35.3%	264,979	64.7%
Undeclared	23,751	9,007	37.9%	14,745	62.1%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	2,649	17.1%	12,808	82.9%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	156,062	35.5%	283,277	64.5%
Satisfactory	22,395	5,904	26.4%	16,491	73.6%
Poor	23,077	6,475	28.1%	16,602	71.9%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	147,377	36.5%	256,940	63.5%
Rent / Other	80,495	21,064	26.2%	59,431	73.8%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.06e**  
**WHEN YOU CHECK YOUR BILL, DO YOU MAINLY LOOK AT SPECIFIC CHARGES SUCH AS TAXES AND RATES**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>93,832</b>	<b>19.4%</b>	<b>390,979</b>	<b>80.6%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	54,801	20.9%	206,959	79.1%
Gas Available	140,021	24,496	17.5%	115,525	82.5%
No Gas Available	83,030	14,534	17.5%	68,496	82.5%
<b>DWELLING TYPE</b>					
Single Detached	373,568	72,302	19.4%	301,266	80.6%
Multi Attached	46,834	8,468	18.1%	38,366	81.9%
Apartment Suite	64,409	13,062	20.3%	51,347	79.7%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	7,788	20.7%	29,857	79.3%
1990-2009	89,181	15,798	17.7%	73,383	82.3%
1970-1989	161,749	30,573	18.9%	131,175	81.1%
1950-1969	110,314	23,095	20.9%	87,220	79.1%
Pre 1950	85,922	16,577	19.3%	69,345	80.7%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	36,289	18.9%	155,350	81.1%
Natural Gas Heat	249,938	48,904	19.6%	201,034	80.4%
Other Fuel	6,945	1,318	19.0%	5,627	81.0%
Shared (No Heat on Bill)	36,289	7,321	20.2%	28,968	79.8%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	23,114	18.5%	101,665	81.5%
Two	221,729	41,441	18.7%	180,288	81.3%
Three	60,069	13,504	22.5%	46,566	77.5%
Four	48,897	9,327	19.1%	39,569	80.9%
Five +	29,337	6,445	22.0%	22,892	78.0%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	11,149	18.7%	48,332	81.3%
\$25,000 - \$49,999	137,082	27,897	20.4%	109,186	79.6%
\$50,000 - \$74,999	123,824	26,415	21.3%	97,410	78.7%
\$75,000 - \$99,999	66,780	11,278	16.9%	55,502	83.1%
\$100,000 +	97,644	17,094	17.5%	80,550	82.5%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	32,353	20.3%	126,634	79.7%
No	325,824	61,479	18.9%	264,345	81.1%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	9,522	18.5%	41,907	81.5%
No	409,630	79,170	19.3%	330,460	80.7%
Undeclared	23,751	5,140	21.6%	18,612	78.4%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	1,748	11.3%	13,708	88.7%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	84,700	19.3%	354,639	80.7%
Satisfactory	22,395	4,618	20.6%	17,777	79.4%
Poor	23,077	4,514	19.6%	18,563	80.4%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	77,841	19.3%	326,475	80.7%
Rent / Other	80,495	15,990	19.9%	64,504	80.1%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.06f  
WHEN YOU CHECK YOUR BILL, DO YOU MAINLY LOOK AT EQUAL PAYMENT PLAN AMOUNT**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	<b>484,811</b>	<b>92,116</b>	<b>19.0%</b>	<b>392,695</b>	<b>81.0%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	47,062	18.0%	214,698	82.0%
Gas Available	140,021	29,440	21.0%	110,581	79.0%
No Gas Available	83,030	15,614	18.8%	67,416	81.2%
<b>DWELLING TYPE</b>					
Single Detached	373,568	75,053	20.1%	298,515	79.9%
Multi Attached	46,834	8,520	18.2%	38,314	81.8%
Apartment Suite	64,409	8,543	13.3%	55,866	86.7%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	5,829	15.5%	31,816	84.5%
1990-2009	89,181	17,496	19.6%	71,686	80.4%
1970-1989	161,749	32,956	20.4%	128,793	79.6%
1950-1969	110,314	19,792	17.9%	90,523	82.1%
Pre 1950	85,922	16,044	18.7%	69,878	81.3%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	38,416	20.0%	153,223	80.0%
Natural Gas Heat	249,938	51,108	20.4%	198,830	79.6%
Other Fuel	6,945	602	8.7%	6,343	91.3%
Shared (No Heat on Bill)	36,289	1,990	5.5%	34,299	94.5%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	18,489	14.8%	106,290	85.2%
Two	221,729	46,036	20.8%	175,693	79.2%
Three	60,069	11,754	19.6%	48,315	80.4%
Four	48,897	9,651	19.7%	39,246	80.3%
Five +	29,337	6,186	21.1%	23,151	78.9%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	8,508	14.3%	50,973	85.7%
\$25,000 - \$49,999	137,082	23,046	16.8%	114,037	83.2%
\$50,000 - \$74,999	123,824	27,007	21.8%	96,817	78.2%
\$75,000 - \$99,999	66,780	15,422	23.1%	51,357	76.9%
\$100,000 +	97,644	18,133	18.6%	79,511	81.4%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	25,412	16.0%	133,575	84.0%
No	325,824	66,704	20.5%	259,120	79.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	9,927	19.3%	41,502	80.7%
No	409,630	77,700	19.0%	331,930	81.0%
Undeclared	23,751	4,489	18.9%	19,263	81.1%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	1,710	11.1%	13,746	88.9%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	89,317	20.3%	350,022	79.7%
Satisfactory	22,395	1,554	6.9%	20,841	93.1%
Poor	23,077	1,245	5.4%	21,832	94.6%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	80,911	20.0%	323,405	80.0%
Rent / Other	80,495	11,205	13.9%	69,290	86.1%



**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.06g  
WHEN YOU CHECK YOUR BILL, DO YOU MAINLY LOOK AT METER READINGS**

	TOTAL	YES	%	NO	%
<b>OVERALL</b>	484,811	134,453	27.7%	350,358	72.3%
<b>FUEL AREA</b>					
Winnipeg City	261,760	66,478	25.4%	195,282	74.6%
Gas Available	140,021	36,912	26.4%	103,109	73.6%
No Gas Available	83,030	31,063	37.4%	51,967	62.6%
<b>DWELLING TYPE</b>					
Single Detached	373,568	110,838	29.7%	262,730	70.3%
Multi Attached	46,834	11,351	24.2%	35,483	75.8%
Apartment Suite	64,409	12,264	19.0%	52,145	81.0%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	12,546	33.3%	25,099	66.7%
1990-2009	89,181	25,483	28.6%	63,698	71.4%
1970-1989	161,749	44,429	27.5%	117,320	72.5%
1950-1969	110,314	28,047	25.4%	82,267	74.6%
Pre 1950	85,922	23,947	27.9%	61,975	72.1%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	64,079	33.4%	127,560	66.6%
Natural Gas Heat	249,938	62,879	25.2%	187,059	74.8%
Other Fuel	6,945	1,873	27.0%	5,072	73.0%
Shared (No Heat on Bill)	36,289	5,621	15.5%	30,668	84.5%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	28,584	22.9%	96,195	77.1%
Two	221,729	64,566	29.1%	157,163	70.9%
Three	60,069	17,866	29.7%	42,203	70.3%
Four	48,897	13,987	28.6%	34,910	71.4%
Five +	29,337	9,449	32.2%	19,888	67.8%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	13,855	23.3%	45,626	76.7%
\$25,000 - \$49,999	137,082	38,701	28.2%	98,382	71.8%
\$50,000 - \$74,999	123,824	36,259	29.3%	87,565	70.7%
\$75,000 - \$99,999	66,780	20,346	30.5%	46,434	69.5%
\$100,000 +	97,644	25,292	25.9%	72,352	74.1%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	42,950	27.0%	116,036	73.0%
No	325,824	91,502	28.1%	234,322	71.9%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	13,628	26.5%	37,801	73.5%
No	409,630	114,622	28.0%	295,008	72.0%
Undeclared	23,751	6,202	26.1%	17,549	73.9%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	3,973	25.7%	11,483	74.3%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	123,980	28.2%	315,359	71.8%
Satisfactory	22,395	5,795	25.9%	16,600	74.1%
Poor	23,077	4,678	20.3%	18,399	79.7%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	117,760	29.1%	286,556	70.9%
Rent / Other	80,495	16,692	20.7%	63,803	79.3%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.06h  
NEVER CHECK YOUR BILL**

	<b>TOTAL</b>	<b>YES</b>	<b>%</b>	<b>NO</b>	<b>%</b>
<b>OVERALL</b>	484,811	22,595	4.7%	462,216	95.3%
<b>FUEL AREA</b>					
Winnipeg City	261,760	13,842	5.3%	247,918	94.7%
Gas Available	140,021	4,951	3.5%	135,070	96.5%
No Gas Available	83,030	3,802	4.6%	79,228	95.4%
<b>DWELLING TYPE</b>					
Single Detached	373,568	15,166	4.1%	358,402	95.9%
Multi Attached	46,834	3,790	8.1%	43,044	91.9%
Apartment Suite	64,409	3,639	5.6%	60,770	94.4%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	1,334	3.5%	36,311	96.5%
1990-2009	89,181	4,364	4.9%	84,817	95.1%
1970-1989	161,749	6,991	4.3%	154,758	95.7%
1950-1969	110,314	4,816	4.4%	105,499	95.6%
Pre 1950	85,922	5,090	5.9%	80,832	94.1%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	8,343	4.4%	183,296	95.6%
Natural Gas Heat	249,938	10,462	4.2%	239,476	95.8%
Other Fuel	6,945	0	0.0%	6,945	100.0%
Shared (No Heat on Bill)	36,289	3,790	10.4%	32,499	89.6%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	12,470	10.0%	112,309	90.0%
Two	221,729	7,073	3.2%	214,657	96.8%
Three	60,069	652	1.1%	59,417	98.9%
Four	48,897	1,176	2.4%	47,721	97.6%
Five +	29,337	1,224	4.2%	28,112	95.8%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	6,035	10.1%	53,445	89.9%
\$25,000 - \$49,999	137,082	5,572	4.1%	131,511	95.9%
\$50,000 - \$74,999	123,824	4,439	3.6%	119,385	96.4%
\$75,000 - \$99,999	66,780	2,283	3.4%	64,497	96.6%
\$100,000 +	97,644	4,265	4.4%	93,379	95.6%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	9,487	6.0%	149,500	94.0%
No	325,824	13,108	4.0%	312,716	96.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	3,734	7.3%	47,695	92.7%
No	409,630	17,490	4.3%	392,140	95.7%
Undeclared	23,751	1,371	5.8%	22,380	94.2%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	1,151	7.4%	14,305	92.6%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	19,547	4.4%	419,792	95.6%
Satisfactory	22,395	1,785	8.0%	20,610	92.0%
Poor	23,077	1,263	5.5%	21,815	94.5%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	16,367	4.0%	387,950	96.0%
Rent / Other	80,495	6,228	7.7%	74,267	92.3%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.07a  
IN LAST TWO YEARS REDUCED SPENDING ON FOOD TO PAY FOR YOUR MANITOBA HYDRO BILL**

	TOTAL	NEVER	%	ONE	%	TWO	%	THREE	%	FOUR +	%	CHOOSE NOT TO ANSWER	%
<b>OVERALL</b>	484,811	310,431	64.0%	9,861	2.0%	13,399	2.8%	9,097	1.9%	27,348	5.6%	114,675	23.7%
<b>FUEL AREA</b>													
Winnipeg City	261,760	178,718	68.3%	5,775	2.2%	7,182	2.7%	4,109	1.6%	12,104	4.6%	53,873	20.6%
Gas Available	140,021	90,710	64.8%	2,128	1.5%	3,932	2.8%	2,537	1.8%	7,175	5.1%	33,539	24.0%
No Gas Available	83,030	41,003	49.4%	1,959	2.4%	2,284	2.8%	2,452	3.0%	8,069	9.7%	27,264	32.8%
<b>DWELLING TYPE</b>													
Single Detached	373,568	239,831	64.2%	6,498	1.7%	9,836	2.6%	6,201	1.7%	21,748	5.8%	89,454	23.9%
Multi Attached	46,834	27,464	58.6%	1,502	3.2%	1,273	2.7%	1,913	4.1%	2,971	6.3%	11,711	25.0%
Apartment Suite	64,409	43,136	67.0%	1,861	2.9%	2,290	3.6%	984	1.5%	2,629	4.1%	13,510	21.0%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	24,242	64.4%	798	2.1%	1,824	4.8%	744	2.0%	1,860	4.9%	8,176	21.7%
1990-2009	89,181	59,134	66.3%	1,826	2.0%	1,922	2.2%	1,492	1.7%	4,461	5.0%	20,345	22.8%
1970-1989	161,749	103,619	64.1%	2,825	1.7%	3,595	2.2%	3,656	2.3%	8,344	5.2%	39,711	24.6%
1950-1969	110,314	72,941	66.1%	2,139	1.9%	2,636	2.4%	1,847	1.7%	5,599	5.1%	25,152	22.8%
Pre 1950	85,922	50,495	58.8%	2,273	2.6%	3,421	4.0%	1,359	1.6%	7,083	8.2%	21,291	24.8%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	109,165	57.0%	4,634	2.4%	5,983	3.1%	4,972	2.6%	14,511	7.6%	52,374	27.3%
Natural Gas Heat	249,938	174,262	69.7%	4,321	1.7%	6,414	2.6%	3,415	1.4%	10,268	4.1%	51,259	20.5%
Other Fuel	6,945	3,563	51.3%	262	3.8%	131	1.9%	131	1.9%	675	9.7%	2,182	31.4%
Shared (No Heat on Bill)	36,289	23,441	64.6%	643	1.8%	870	2.4%	580	1.6%	1,894	5.2%	8,860	24.4%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	75,426	60.4%	2,579	2.1%	2,787	2.2%	2,653	2.1%	7,188	5.8%	34,146	27.4%
Two	221,729	151,453	68.3%	3,246	1.5%	5,632	2.5%	2,605	1.2%	9,394	4.2%	49,399	22.3%
Three	60,069	35,657	59.4%	1,842	3.1%	1,811	3.0%	1,769	2.9%	4,047	6.7%	14,944	24.9%
Four	48,897	32,569	66.6%	1,499	3.1%	1,608	3.3%	1,052	2.2%	3,573	7.3%	8,595	17.6%
Five +	29,337	15,327	52.2%	695	2.4%	1,561	5.3%	1,017	3.5%	3,145	10.7%	7,591	25.9%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	25,176	42.3%	2,501	4.2%	3,349	5.6%	2,378	4.0%	5,307	8.9%	20,771	34.9%
\$25,000 - \$49,999	137,082	77,645	56.6%	2,819	2.1%	4,441	3.2%	1,964	1.4%	9,730	7.1%	40,484	29.5%
\$50,000 - \$74,999	123,824	82,720	66.8%	2,063	1.7%	2,497	2.0%	2,345	1.9%	7,104	5.7%	27,095	21.9%
\$75,000 - \$99,999	66,780	47,415	71.0%	1,565	2.3%	1,581	2.4%	1,134	1.7%	2,669	4.0%	12,415	18.6%
\$100,000 +	97,644	77,475	79.3%	912	0.9%	1,531	1.6%	1,277	1.3%	2,538	2.6%	13,911	14.2%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	77,470	48.7%	4,472	2.8%	7,097	4.5%	3,924	2.5%	13,554	8.5%	52,470	33.0%
No	325,824	232,961	71.5%	5,389	1.7%	6,302	1.9%	5,173	1.6%	13,793	4.2%	62,206	19.1%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	22,223	43.2%	1,750	3.4%	2,547	5.0%	2,111	4.1%	6,231	12.1%	16,568	32.2%
No	409,630	277,280	67.7%	7,614	1.9%	10,089	2.5%	5,975	1.5%	19,689	4.8%	88,984	21.7%
Undeclared	23,751	10,928	46.0%	497	2.1%	762	3.2%	1,012	4.3%	1,428	6.0%	9,124	38.4%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	4,141	26.8%	996	6.4%	1,037	6.7%	815	5.3%	1,883	12.2%	6,584	42.6%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	294,407	67.0%	7,587	1.7%	10,359	2.4%	7,482	1.7%	19,513	4.4%	99,990	22.8%
Satisfactory	22,395	9,928	44.3%	813	3.6%	1,334	6.0%	965	4.3%	2,512	11.2%	6,843	30.6%
Poor	23,077	6,095	26.4%	1,461	6.3%	1,706	7.4%	650	2.8%	5,323	23.1%	7,842	34.0%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	268,408	66.4%	6,774	1.7%	9,605	2.4%	5,796	1.4%	20,989	5.2%	92,744	22.9%
Rent / Other	80,495	42,023	52.2%	3,087	3.8%	3,794	4.7%	3,301	4.1%	6,359	7.9%	21,931	27.2%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.07b  
IN LAST TWO YEARS REDUCED SPENDING ON RENT TO PAY FOR YOUR MANITOBA HYDRO BILL**

	TOTAL	NEVER	%	ONE	%	TWO	%	THREE	%	FOUR +	%	CHOOSE NOT TO ANSWER	%
<b>OVERALL</b>	484,811	329,620	68.0%	2,184	0.5%	2,213	0.5%	949	0.2%	3,870	0.8%	145,975	30.1%
<b>FUEL AREA</b>													
Winnipeg City	261,760	188,959	72.2%	1,194	0.5%	749	0.3%	562	0.2%	1,909	0.7%	68,388	26.1%
Gas Available	140,021	95,100	67.9%	406	0.3%	709	0.5%	201	0.1%	894	0.6%	42,711	30.5%
No Gas Available	83,030	45,562	54.9%	584	0.7%	755	0.9%	187	0.2%	1,067	1.3%	34,876	42.0%
<b>DWELLING TYPE</b>													
Single Detached	373,568	251,637	67.4%	1,386	0.4%	1,923	0.5%	795	0.2%	2,935	0.8%	114,892	30.8%
Multi Attached	46,834	31,136	66.5%	154	0.3%	0	0.0%	154	0.3%	482	1.0%	14,908	31.8%
Apartment Suite	64,409	46,848	72.7%	643	1.0%	290	0.5%	0	0.0%	453	0.7%	16,175	25.1%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	27,068	71.9%	31	0.1%	162	0.4%	194	0.5%	163	0.4%	10,028	26.6%
1990-2009	89,181	60,804	68.2%	578	0.6%	239	0.3%	62	0.1%	508	0.6%	26,990	30.3%
1970-1989	161,749	110,143	68.1%	584	0.4%	537	0.3%	547	0.3%	883	0.5%	49,054	30.3%
1950-1969	110,314	76,170	69.0%	154	0.1%	843	0.8%	31	0.0%	1,156	1.0%	31,960	29.0%
Pre 1950	85,922	55,435	64.5%	836	1.0%	432	0.5%	115	0.1%	1,160	1.4%	27,943	32.5%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	120,142	62.7%	722	0.4%	557	0.3%	565	0.3%	1,916	1.0%	67,737	35.3%
Natural Gas Heat	249,938	181,173	72.5%	818	0.3%	767	0.3%	384	0.2%	1,664	0.7%	65,132	26.1%
Other Fuel	6,945	3,694	53.2%	0	0.0%	600	8.6%	0	0.0%	0	0.0%	2,651	38.2%
Shared (No Heat on Bill)	36,289	24,611	67.8%	643	1.8%	290	0.8%	0	0.0%	290	0.8%	10,454	28.8%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	78,660	63.0%	579	0.5%	606	0.5%	31	0.0%	701	0.6%	44,202	35.4%
Two	221,729	157,614	71.1%	993	0.4%	576	0.3%	246	0.1%	973	0.4%	61,327	27.7%
Three	60,069	40,361	67.2%	226	0.4%	440	0.7%	185	0.3%	689	1.1%	18,167	30.2%
Four	48,897	34,885	71.3%	177	0.4%	396	0.8%	293	0.6%	773	1.6%	12,373	25.3%
Five +	29,337	18,100	61.7%	208	0.7%	196	0.7%	194	0.7%	733	2.5%	9,906	33.8%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	27,257	45.8%	561	0.9%	765	1.3%	155	0.3%	1,044	1.8%	29,699	49.9%
\$25,000 - \$49,999	137,082	83,710	61.1%	254	0.2%	866	0.6%	31	0.0%	1,512	1.1%	50,709	37.0%
\$50,000 - \$74,999	123,824	89,004	71.9%	848	0.7%	31	0.0%	433	0.3%	769	0.6%	32,740	26.4%
\$75,000 - \$99,999	66,780	49,973	74.8%	103	0.2%	318	0.5%	230	0.3%	316	0.5%	15,841	23.7%
\$100,000 +	97,644	79,676	81.6%	418	0.4%	234	0.2%	100	0.1%	230	0.2%	16,987	17.4%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	84,540	53.2%	992	0.6%	1,011	0.6%	465	0.3%	2,457	1.5%	69,522	43.7%
No	325,824	245,080	75.2%	1,191	0.4%	1,202	0.4%	484	0.1%	1,413	0.4%	76,453	23.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	26,418	51.4%	476	0.9%	387	0.8%	187	0.4%	1,084	2.1%	22,878	44.5%
No	409,630	291,366	71.1%	1,708	0.4%	1,826	0.4%	648	0.2%	2,394	0.6%	111,688	27.3%
Undeclared	23,751	11,836	49.8%	0	0.0%	0	0.0%	115	0.5%	392	1.7%	11,408	48.0%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	4,869	31.5%	250	1.6%	155	1.0%	187	1.2%	286	1.8%	9,710	62.8%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	306,799	69.8%	1,934	0.4%	1,436	0.3%	616	0.1%	2,296	0.5%	126,258	28.7%
Satisfactory	22,395	12,710	56.8%	0	0.0%	193	0.9%	31	0.1%	467	2.1%	8,993	40.2%
Poor	23,077	10,111	43.8%	250	1.1%	584	2.5%	302	1.3%	1,107	4.8%	10,724	46.5%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	281,677	69.7%	902	0.2%	967	0.2%	825	0.2%	2,163	0.5%	117,783	29.1%
Rent / Other	80,495	47,943	59.6%	1,282	1.6%	1,246	1.5%	124	0.2%	1,707	2.1%	28,192	35.0%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.07c  
IN LAST TWO YEARS REDUCED SPENDING ON LOANS TO PAY FOR YOUR MANITOBA HYDRO BILL**

	TOTAL	NEVER	%	ONE	%	TWO	%	THREE	%	FOUR+	%	CHOOSE NOT TO ANSWER	%
<b>OVERALL</b>	484,811	322,420	66.5%	5,529	1.1%	3,318	0.7%	2,530	0.5%	9,149	1.9%	141,864	29.3%
<b>FUEL AREA</b>													
Winnipeg City	261,760	182,745	69.8%	2,979	1.1%	1,262	0.5%	1,443	0.6%	5,012	1.9%	68,319	26.1%
Gas Available	140,021	95,190	68.0%	1,017	0.7%	1,112	0.8%	503	0.4%	2,072	1.5%	40,127	28.7%
No Gas Available	83,030	44,485	53.6%	1,534	1.8%	944	1.1%	583	0.7%	2,065	2.5%	33,418	40.2%
<b>DWELLING TYPE</b>													
Single Detached	373,568	249,907	66.9%	3,928	1.1%	3,116	0.8%	1,751	0.5%	7,168	1.9%	107,698	28.8%
Multi Attached	46,834	30,202	64.5%	569	1.2%	0	0.0%	414	0.9%	531	1.1%	15,119	32.3%
Apartment Suite	64,409	42,312	65.7%	1,033	1.6%	202	0.3%	365	0.6%	1,451	2.3%	19,047	29.6%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	26,492	70.4%	225	0.6%	576	1.5%	379	1.0%	277	0.7%	9,696	25.8%
1990-2009	89,181	60,088	67.4%	759	0.9%	909	1.0%	246	0.3%	1,224	1.4%	25,955	29.1%
1970-1989	161,749	107,895	66.7%	2,250	1.4%	868	0.5%	1,564	1.0%	2,161	1.3%	47,011	29.1%
1950-1969	110,314	74,457	67.5%	837	0.8%	441	0.4%	115	0.1%	2,615	2.4%	31,849	28.9%
Pre 1950	85,922	53,488	62.3%	1,458	1.7%	523	0.6%	226	0.3%	2,873	3.3%	27,354	31.8%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	116,977	61.0%	2,227	1.2%	1,748	0.9%	1,687	0.9%	3,522	1.8%	65,477	34.2%
Natural Gas Heat	249,938	180,281	72.1%	2,301	0.9%	1,570	0.6%	843	0.3%	4,177	1.7%	60,767	24.3%
Other Fuel	6,945	4,032	58.1%	131	1.9%	0	0.0%	0	0.0%	0	0.0%	2,782	40.1%
Shared (No Heat on Bill)	36,289	21,130	58.2%	870	2.4%	0	0.0%	0	0.0%	1,451	4.0%	12,838	35.4%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	75,493	60.5%	2,211	1.8%	212	0.2%	423	0.3%	1,819	1.5%	44,622	35.8%
Two	221,729	155,830	70.3%	1,548	0.7%	1,341	0.6%	672	0.3%	2,621	1.2%	59,718	26.9%
Three	60,069	39,523	65.8%	877	1.5%	490	0.8%	246	0.4%	1,307	2.2%	17,626	29.3%
Four	48,897	33,875	69.3%	473	1.0%	873	1.8%	901	1.8%	1,998	4.1%	10,776	22.0%
Five +	29,337	17,700	60.3%	421	1.4%	402	1.4%	289	1.0%	1,405	4.8%	9,121	31.1%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	25,319	42.6%	2,302	3.9%	451	0.8%	267	0.4%	1,040	1.7%	30,102	50.6%
\$25,000 - \$49,999	137,082	81,747	59.6%	1,184	0.9%	760	0.6%	717	0.5%	2,495	1.8%	50,180	36.6%
\$50,000 - \$74,999	123,824	86,299	69.7%	885	0.7%	871	0.7%	1,115	0.9%	3,066	2.5%	31,587	25.5%
\$75,000 - \$99,999	66,780	49,917	74.7%	608	0.9%	559	0.8%	100	0.2%	1,192	1.8%	14,403	21.6%
\$100,000 +	97,644	79,139	81.0%	550	0.6%	678	0.7%	330	0.3%	1,356	1.4%	15,592	16.0%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	80,587	50.7%	3,279	2.1%	1,382	0.9%	1,213	0.8%	3,345	2.1%	69,180	43.5%
No	325,824	241,833	74.2%	2,250	0.7%	1,936	0.6%	1,317	0.4%	5,804	1.8%	72,684	22.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	25,250	49.1%	1,311	2.5%	712	1.4%	638	1.2%	2,005	3.9%	21,514	41.8%
No	409,630	285,207	69.6%	4,116	1.0%	2,377	0.6%	1,777	0.4%	6,686	1.6%	109,467	26.7%
Undeclared	23,751	11,963	50.4%	103	0.4%	230	1.0%	115	0.5%	459	1.9%	10,883	45.8%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	4,713	30.5%	591	3.8%	497	3.2%	249	1.6%	503	3.3%	8,903	57.6%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	301,226	68.6%	4,489	1.0%	2,683	0.6%	1,839	0.4%	6,492	1.5%	122,610	27.9%
Satisfactory	22,395	11,991	53.5%	339	1.5%	174	0.8%	246	1.1%	922	4.1%	8,723	39.0%
Poor	23,077	9,203	39.9%	701	3.0%	461	2.0%	445	1.9%	1,736	7.5%	10,531	45.6%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	278,526	68.9%	3,818	0.9%	2,640	0.7%	2,110	0.5%	7,002	1.7%	110,219	27.3%
Rent / Other	80,495	43,894	54.5%	1,711	2.1%	678	0.8%	420	0.5%	2,147	2.7%	31,645	39.3%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.07d  
IN LAST TWO YEARS REDUCED SPENDING ON INSURANCE TO PAY FOR YOUR MANITOBA HYDRO BILL**

	TOTAL	NEVER	%	ONE	%	TWO	%	THREE	%	FOUR +	%	CHOOSE NOT TO ANSWER	%
<b>OVERALL</b>	484,811	331,998	68.5%	5,819	1.2%	3,137	0.6%	2,247	0.5%	6,461	1.3%	135,149	27.9%
<b>FUEL AREA</b>													
Winnipeg City	261,760	189,188	72.3%	2,842	1.1%	1,310	0.5%	906	0.3%	3,003	1.1%	64,511	24.6%
Gas Available	140,021	96,317	68.8%	1,747	1.2%	796	0.6%	708	0.5%	1,486	1.1%	38,967	27.8%
No Gas Available	83,030	46,494	56.0%	1,229	1.5%	1,031	1.2%	633	0.8%	1,972	2.4%	31,671	38.1%
<b>DWELLING TYPE</b>													
Single Detached	373,568	256,590	68.7%	4,047	1.1%	2,869	0.8%	1,891	0.5%	5,273	1.4%	102,898	27.5%
Multi Attached	46,834	31,030	66.3%	374	0.8%	105	0.2%	154	0.3%	444	0.9%	14,725	31.4%
Apartment Suite	64,409	44,378	68.9%	1,398	2.2%	163	0.3%	202	0.3%	743	1.2%	17,526	27.2%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	26,981	71.7%	364	1.0%	163	0.4%	476	1.3%	230	0.6%	9,430	25.1%
1990-2009	89,181	61,468	68.9%	1,252	1.4%	714	0.8%	392	0.4%	1,263	1.4%	24,092	27.0%
1970-1989	161,749	111,407	68.9%	1,666	1.0%	1,044	0.6%	833	0.5%	1,511	0.9%	45,288	28.0%
1950-1969	110,314	77,083	69.9%	949	0.9%	631	0.6%	112	0.1%	1,536	1.4%	30,004	27.2%
Pre 1950	85,922	55,059	64.1%	1,586	1.8%	586	0.7%	435	0.5%	1,921	2.2%	26,335	30.6%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	120,810	63.0%	3,097	1.6%	1,548	0.8%	1,314	0.7%	3,006	1.6%	61,864	32.3%
Natural Gas Heat	249,938	184,285	73.7%	1,851	0.7%	1,458	0.6%	933	0.4%	2,875	1.2%	58,535	23.4%
Other Fuel	6,945	4,032	58.1%	0	0.0%	131	1.9%	0	0.0%	0	0.0%	2,782	40.1%
Shared (No Heat on Bill)	36,289	22,871	63.0%	870	2.4%	0	0.0%	0	0.0%	580	1.6%	11,968	33.0%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	78,412	62.8%	1,581	1.3%	833	0.7%	329	0.3%	1,368	1.1%	42,256	33.9%
Two	221,729	159,653	72.0%	1,874	0.8%	1,376	0.6%	692	0.3%	2,187	1.0%	55,947	25.2%
Three	60,069	40,438	67.3%	1,240	2.1%	136	0.2%	62	0.1%	736	1.2%	17,456	29.1%
Four	48,897	34,910	71.4%	597	1.2%	503	1.0%	786	1.6%	1,468	3.0%	10,632	21.7%
Five +	29,337	18,585	63.4%	526	1.8%	289	1.0%	378	1.3%	701	2.4%	8,858	30.2%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	26,886	45.2%	1,715	2.9%	664	1.1%	285	0.5%	1,451	2.4%	28,479	47.9%
\$25,000 - \$49,999	137,082	84,337	61.5%	1,433	1.0%	970	0.7%	806	0.6%	1,744	1.3%	47,792	34.9%
\$50,000 - \$74,999	123,824	89,030	71.9%	1,225	1.0%	630	0.5%	852	0.7%	2,153	1.7%	29,933	24.2%
\$75,000 - \$99,999	66,780	51,239	76.7%	542	0.8%	445	0.7%	100	0.2%	584	0.9%	13,870	20.8%
\$100,000 +	97,644	80,506	82.4%	903	0.9%	428	0.4%	203	0.2%	528	0.5%	15,076	15.4%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	84,693	53.3%	3,121	2.0%	1,600	1.0%	1,433	0.9%	2,969	1.9%	65,170	41.0%
No	325,824	247,305	75.9%	2,698	0.8%	1,537	0.5%	814	0.2%	3,492	1.1%	69,979	21.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	25,783	50.1%	1,351	2.6%	659	1.3%	401	0.8%	2,148	4.2%	21,088	41.0%
No	409,630	294,016	71.8%	4,167	1.0%	2,367	0.6%	1,846	0.5%	3,639	0.9%	103,595	25.3%
Undeclared	23,751	12,199	51.4%	301	1.3%	112	0.5%	0	0.0%	674	2.8%	10,466	44.1%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	4,713	30.5%	783	5.1%	311	2.0%	187	1.2%	633	4.1%	8,829	57.1%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	309,477	70.4%	4,680	1.1%	2,655	0.6%	1,538	0.3%	4,715	1.1%	116,275	26.5%
Satisfactory	22,395	12,580	56.2%	308	1.4%	358	1.6%	31	0.1%	712	3.2%	8,406	37.5%
Poor	23,077	9,941	43.1%	831	3.6%	124	0.5%	678	2.9%	1,034	4.5%	10,468	45.4%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	285,917	70.7%	3,963	1.0%	2,519	0.6%	1,921	0.5%	4,652	1.2%	105,346	26.1%
Rent / Other	80,495	46,081	57.2%	1,856	2.3%	619	0.8%	326	0.4%	1,809	2.2%	29,803	37.0%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.07e  
IN LAST TWO YEARS REDUCED SPENDING ON CLOTHING TO PAY FOR YOUR MANITOBA HYDRO BILL**

	TOTAL	NEVER	%	ONE	%	TWO	%	THREE	%	FOUR +	%	CHOOSE NOT TO ANSWER	%
<b>OVERALL</b>	484,811	297,251	61.3%	#####	2.4%	13,330	2.7%	9,180	1.9%	34,879	7.2%	118,577	24.5%
<b>FUEL AREA</b>													
Winnipeg City	261,760	170,894	65.3%	6,507	2.5%	5,550	2.1%	4,622	1.8%	17,453	6.7%	56,734	21.7%
Gas Available	140,021	87,096	62.2%	2,479	1.8%	3,951	2.8%	2,943	2.1%	8,367	6.0%	35,185	25.1%
No Gas Available	83,030	39,260	47.3%	2,608	3.1%	3,830	4.6%	1,615	1.9%	9,059	10.9%	26,659	32.1%
<b>DWELLING TYPE</b>													
Single Detached	373,568	229,387	61.4%	8,901	2.4%	11,179	3.0%	6,956	1.9%	26,738	7.2%	90,407	24.2%
Multi Attached	46,834	26,225	56.0%	877	1.9%	1,174	2.5%	1,205	2.6%	4,115	8.8%	13,238	28.3%
Apartment Suite	64,409	41,639	64.6%	1,815	2.8%	977	1.5%	1,019	1.6%	4,027	6.3%	14,932	23.2%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	23,275	61.8%	804	2.1%	1,206	3.2%	1,690	4.5%	2,628	7.0%	8,042	21.4%
1990-2009	89,181	56,703	63.6%	1,679	1.9%	1,985	2.2%	1,510	1.7%	5,246	5.9%	22,060	24.7%
1970-1989	161,749	99,406	61.5%	3,756	2.3%	4,200	2.6%	3,242	2.0%	11,055	6.8%	40,089	24.8%
1950-1969	110,314	69,751	63.2%	3,291	3.0%	2,092	1.9%	1,536	1.4%	6,929	6.3%	26,715	24.2%
Pre 1950	85,922	48,116	56.0%	2,064	2.4%	3,847	4.5%	1,202	1.4%	9,022	10.5%	21,671	25.2%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	104,192	54.4%	4,558	2.4%	7,517	3.9%	3,837	2.0%	17,563	9.2%	53,973	28.2%
Natural Gas Heat	249,938	167,808	67.1%	5,454	2.2%	5,476	2.2%	4,922	2.0%	14,084	5.6%	52,195	20.9%
Other Fuel	6,945	3,694	53.2%	131	1.9%	337	4.9%	131	1.9%	469	6.7%	2,182	31.4%
Shared (No Heat on Bill)	36,289	21,557	59.4%	1,451	4.0%	0	0.0%	290	0.8%	2,765	7.6%	10,227	28.2%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	70,209	56.3%	1,721	1.4%	3,612	2.9%	1,808	1.4%	9,807	7.9%	37,622	30.2%
Two	221,729	149,880	67.6%	3,887	1.8%	3,796	1.7%	2,878	1.3%	11,727	5.3%	49,562	22.4%
Three	60,069	33,863	56.4%	1,962	3.3%	2,799	4.7%	1,217	2.0%	4,891	8.1%	15,338	25.5%
Four	48,897	29,709	60.8%	2,404	4.9%	1,766	3.6%	1,736	3.6%	4,556	9.3%	8,725	17.8%
Five +	29,337	13,590	46.3%	1,620	5.5%	1,357	4.6%	1,541	5.3%	3,899	13.3%	7,330	25.0%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	23,730	39.9%	1,961	3.3%	3,367	5.7%	1,489	2.5%	5,455	9.2%	23,478	39.5%
\$25,000 - \$49,999	137,082	73,380	53.5%	2,765	2.0%	3,996	2.9%	2,227	1.6%	11,843	8.6%	42,871	31.3%
\$50,000 - \$74,999	123,824	79,219	64.0%	2,138	1.7%	2,344	1.9%	3,138	2.5%	10,023	8.1%	26,962	21.8%
\$75,000 - \$99,999	66,780	45,942	68.8%	2,058	3.1%	1,468	2.2%	1,098	1.6%	3,692	5.5%	12,522	18.8%
\$100,000 +	97,644	74,980	76.8%	2,671	2.7%	2,155	2.2%	1,228	1.3%	3,866	4.0%	12,744	13.1%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	72,407	45.5%	4,763	3.0%	6,580	4.1%	3,833	2.4%	15,298	9.6%	56,106	35.3%
No	325,824	224,844	69.0%	6,831	2.1%	6,750	2.1%	5,347	1.6%	19,582	6.0%	62,471	19.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	21,128	41.1%	2,536	4.9%	2,358	4.6%	1,426	2.8%	7,257	14.1%	16,724	32.5%
No	409,630	265,393	64.8%	8,443	2.1%	10,286	2.5%	7,525	1.8%	25,601	6.2%	92,382	22.6%
Undeclared	23,751	10,729	45.2%	615	2.6%	686	2.9%	230	1.0%	2,021	8.5%	9,471	39.9%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	3,806	24.6%	1,026	6.6%	1,037	6.7%	814	5.3%	2,013	13.0%	6,760	43.7%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	281,774	64.1%	8,825	2.0%	10,711	2.4%	7,493	1.7%	27,239	6.2%	103,297	23.5%
Satisfactory	22,395	9,214	41.1%	1,038	4.6%	833	3.7%	794	3.5%	3,214	14.3%	7,303	32.6%
Poor	23,077	6,263	27.1%	1,730	7.5%	1,786	7.7%	893	3.9%	4,427	19.2%	7,978	34.6%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	257,502	63.7%	7,876	1.9%	10,809	2.7%	7,221	1.8%	26,885	6.6%	94,024	23.3%
Rent / Other	80,495	39,749	49.4%	3,718	4.6%	2,521	3.1%	1,959	2.4%	7,994	9.9%	24,553	30.5%



**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.07f  
IN LAST 2 YEARS REDUCED SPENDING ON ENTERTAINMENT TO PAY FOR YOUR MANITOBA HYDRO BILL**

	TOTAL	NEVER	%	ONE	%	TWO	%	THREE	%	FOUR +	%	CHOOSE NOT TO ANSWER	%
<b>OVERALL</b>	484,811	289,031	59.6%	10,345	2.1%	12,904	2.7%	8,787	1.8%	42,173	8.7%	121,571	25.1%
<b>FUEL AREA</b>													
Winnipeg City	261,760	166,613	63.7%	5,255	2.0%	6,109	2.3%	4,180	1.6%	21,420	8.2%	58,183	22.2%
Gas Available	140,021	84,571	60.4%	2,811	2.0%	4,035	2.9%	2,944	2.1%	10,993	7.9%	34,666	24.8%
No Gas Available	83,030	37,846	45.6%	2,279	2.7%	2,760	3.3%	1,663	2.0%	9,760	11.8%	28,722	34.6%
<b>DWELLING TYPE</b>													
Single Detached	373,568	222,737	59.6%	8,967	2.4%	10,385	2.8%	7,092	1.9%	32,008	8.6%	92,379	24.7%
Multi Attached	46,834	26,541	56.7%	723	1.5%	1,050	2.2%	588	1.3%	4,578	9.8%	13,354	28.5%
Apartment Suite	64,409	39,753	61.7%	655	1.0%	1,468	2.3%	1,108	1.7%	5,587	8.7%	15,838	24.6%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	22,303	59.2%	1,045	2.8%	1,077	2.9%	1,608	4.3%	3,522	9.4%	8,090	21.5%
1990-2009	89,181	55,570	62.3%	1,682	1.9%	1,780	2.0%	1,336	1.5%	6,488	7.3%	22,326	25.0%
1970-1989	161,749	97,806	60.5%	3,012	1.9%	4,032	2.5%	3,243	2.0%	12,447	7.7%	41,208	25.5%
1950-1969	110,314	67,288	61.0%	2,961	2.7%	2,683	2.4%	1,488	1.3%	9,063	8.2%	26,831	24.3%
Pre 1950	85,922	46,063	53.6%	1,645	1.9%	3,332	3.9%	1,112	1.3%	10,653	12.4%	23,117	26.9%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	100,439	52.4%	4,841	2.5%	6,669	3.5%	3,915	2.0%	20,740	10.8%	55,036	28.7%
Natural Gas Heat	249,938	164,211	65.7%	5,083	2.0%	5,945	2.4%	4,292	1.7%	17,330	6.9%	53,077	21.2%
Other Fuel	6,945	3,694	53.2%	131	1.9%	0	0.0%	0	0.0%	469	6.7%	2,651	38.2%
Shared (No Heat on Bill)	36,289	20,686	57.0%	290	0.8%	290	0.8%	580	1.6%	3,635	10.0%	10,807	29.8%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	69,013	55.3%	1,452	1.2%	2,953	2.4%	1,429	1.1%	11,676	9.4%	38,255	30.7%
Two	221,729	146,157	65.9%	3,926	1.8%	3,702	1.7%	3,684	1.7%	14,572	6.6%	49,688	22.4%
Three	60,069	31,936	53.2%	1,409	2.3%	3,155	5.3%	893	1.5%	6,032	10.0%	16,645	27.7%
Four	48,897	28,777	58.9%	2,276	4.7%	1,703	3.5%	2,117	4.3%	4,819	9.9%	9,205	18.8%
Five +	29,337	13,147	44.8%	1,282	4.4%	1,391	4.7%	664	2.3%	5,074	17.3%	7,778	26.5%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	23,265	39.1%	1,534	2.6%	1,695	2.9%	653	1.1%	7,077	11.9%	25,257	42.5%
\$25,000 - \$49,999	137,082	70,866	51.7%	2,473	1.8%	4,276	3.1%	2,419	1.8%	13,653	10.0%	43,396	31.7%
\$50,000 - \$74,999	123,824	77,011	62.2%	2,264	1.8%	2,754	2.2%	2,805	2.3%	11,594	9.4%	27,397	22.1%
\$75,000 - \$99,999	66,780	44,526	66.7%	1,286	1.9%	2,259	3.4%	1,073	1.6%	5,064	7.6%	12,571	18.8%
\$100,000 +	97,644	73,363	75.1%	2,789	2.9%	1,920	2.0%	1,837	1.9%	4,784	4.9%	12,951	13.3%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	69,922	44.0%	3,493	2.2%	5,154	3.2%	2,689	1.7%	18,041	11.3%	59,689	37.5%
No	325,824	219,109	67.2%	6,852	2.1%	7,751	2.4%	6,098	1.9%	24,132	7.4%	61,883	19.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	19,658	38.2%	1,621	3.2%	2,582	5.0%	1,706	3.3%	7,613	14.8%	18,249	35.5%
No	409,630	258,552	63.1%	8,410	2.1%	9,622	2.3%	6,649	1.6%	32,539	7.9%	93,859	22.9%
Undeclared	23,751	10,820	45.6%	314	1.3%	700	2.9%	432	1.8%	2,021	8.5%	9,464	39.8%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	3,619	23.4%	808	5.2%	752	4.9%	659	4.3%	2,075	13.4%	7,543	48.8%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	274,247	62.4%	8,706	2.0%	10,235	2.3%	7,416	1.7%	33,510	7.6%	105,224	24.0%
Satisfactory	22,395	8,839	39.5%	774	3.5%	1,151	5.1%	320	1.4%	3,090	13.8%	8,220	36.7%
Poor	23,077	5,944	25.8%	864	3.7%	1,518	6.6%	1,051	4.6%	5,573	24.2%	8,127	35.2%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	250,534	62.0%	8,229	2.0%	10,841	2.7%	6,822	1.7%	32,733	8.1%	95,157	23.5%
Rent / Other	80,495	38,497	47.8%	2,115	2.6%	2,063	2.6%	1,965	2.4%	9,440	11.7%	26,414	32.8%



**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.07g  
IN LAST TWO YEARS REDUCED SPENDING ON TRAVEL TO PAY FOR YOUR MANITOBA HYDRO BILL**

	TOTAL	NEVER	%	ONE	%	TWO	%	THREE	%	FOUR +	%	CHOOSE NOT TO ANSWER	%
<b>OVERALL</b>	484,811	295,300	60.9%	10,682	2.2%	10,841	2.2%	6,851	1.4%	37,309	7.7%	123,829	25.5%
<b>FUEL AREA</b>													
Winnipeg City	261,760	169,571	64.8%	5,935	2.3%	5,416	2.1%	2,619	1.0%	18,496	7.1%	59,723	22.8%
Gas Available	140,021	86,546	61.8%	2,512	1.8%	3,185	2.3%	3,034	2.2%	9,298	6.6%	35,446	25.3%
No Gas Available	83,030	39,182	47.2%	2,235	2.7%	2,239	2.7%	1,198	1.4%	9,516	11.5%	28,660	34.5%
<b>DWELLING TYPE</b>													
Single Detached	373,568	228,042	61.0%	8,704	2.3%	8,872	2.4%	5,348	1.4%	28,615	7.7%	93,987	25.2%
Multi Attached	46,834	26,781	57.2%	1,321	2.8%	702	1.5%	154	0.3%	3,744	8.0%	14,131	30.2%
Apartment Suite	64,409	40,476	62.8%	657	1.0%	1,267	2.0%	1,349	2.1%	4,950	7.7%	15,711	24.4%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	23,133	61.5%	1,477	3.9%	824	2.2%	992	2.6%	2,156	5.7%	9,063	24.1%
1990-2009	89,181	56,010	62.8%	1,897	2.1%	2,048	2.3%	1,013	1.1%	5,714	6.4%	22,499	25.2%
1970-1989	161,749	99,668	61.6%	3,082	1.9%	4,006	2.5%	2,638	1.6%	11,422	7.1%	40,933	25.3%
1950-1969	110,314	69,239	62.8%	1,917	1.7%	1,684	1.5%	1,409	1.3%	8,751	7.9%	27,315	24.8%
Pre 1950	85,922	47,250	55.0%	2,309	2.7%	2,279	2.7%	799	0.9%	9,267	10.8%	24,019	28.0%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	103,622	54.1%	4,638	2.4%	5,813	3.0%	3,472	1.8%	17,968	9.4%	56,126	29.3%
Natural Gas Heat	249,938	167,403	67.0%	5,469	2.2%	4,737	1.9%	2,799	1.1%	14,995	6.0%	54,535	21.8%
Other Fuel	6,945	4,032	58.1%	131	1.9%	0	0.0%	0	0.0%	131	1.9%	2,651	38.2%
Shared (No Heat on Bill)	36,289	20,243	55.8%	444	1.2%	290	0.8%	580	1.6%	4,215	11.6%	10,517	29.0%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	70,295	56.3%	1,813	1.5%	2,822	2.3%	1,471	1.2%	9,936	8.0%	38,443	30.8%
Two	221,729	147,795	66.7%	3,276	1.5%	3,697	1.7%	2,297	1.0%	13,657	6.2%	51,007	23.0%
Three	60,069	32,765	54.5%	2,041	3.4%	2,240	3.7%	892	1.5%	5,288	8.8%	16,844	28.0%
Four	48,897	30,222	61.8%	2,022	4.1%	1,252	2.6%	1,462	3.0%	4,389	9.0%	9,549	19.5%
Five +	29,337	14,223	48.5%	1,530	5.2%	830	2.8%	729	2.5%	4,040	13.8%	7,985	27.2%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	25,201	42.4%	1,140	1.9%	2,110	3.5%	746	1.3%	4,789	8.1%	25,495	42.9%
\$25,000 - \$49,999	137,082	72,287	52.7%	1,823	1.3%	3,087	2.3%	2,164	1.6%	14,042	10.2%	43,680	31.9%
\$50,000 - \$74,999	123,824	77,944	62.9%	2,420	2.0%	2,881	2.3%	2,233	1.8%	10,241	8.3%	28,105	22.7%
\$75,000 - \$99,999	66,780	45,872	68.7%	1,535	2.3%	1,500	2.2%	468	0.7%	4,196	6.3%	13,209	19.8%
\$100,000 +	97,644	73,996	75.8%	3,764	3.9%	1,262	1.3%	1,240	1.3%	4,042	4.1%	13,340	13.7%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	72,831	45.8%	2,990	1.9%	4,768	3.0%	2,917	1.8%	15,301	9.6%	60,180	37.9%
No	325,824	222,469	68.3%	7,692	2.4%	6,073	1.9%	3,933	1.2%	22,009	6.8%	63,649	19.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	21,575	42.0%	1,346	2.6%	1,830	3.6%	1,363	2.6%	6,767	13.2%	18,548	36.1%
No	409,630	262,696	64.1%	8,920	2.2%	8,495	2.1%	5,271	1.3%	28,673	7.0%	95,575	23.3%
Undeclared	23,751	11,028	46.4%	416	1.8%	516	2.2%	217	0.9%	1,869	7.9%	9,706	40.9%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	3,967	25.7%	622	4.0%	789	5.1%	529	3.4%	2,069	13.4%	7,481	48.4%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	278,843	63.5%	9,500	2.2%	9,120	2.1%	5,847	1.3%	29,780	6.8%	106,249	24.2%
Satisfactory	22,395	9,839	43.9%	566	2.5%	758	3.4%	93	0.4%	2,762	12.3%	8,377	37.4%
Poor	23,077	6,617	28.7%	616	2.7%	963	4.2%	910	3.9%	4,767	20.7%	9,203	39.9%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	255,023	63.1%	9,318	2.3%	9,183	2.3%	5,451	1.3%	28,629	7.1%	96,712	23.9%
Rent / Other	80,495	40,277	50.0%	1,364	1.7%	1,657	2.1%	1,400	1.7%	8,680	10.8%	27,117	33.7%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.07h  
IN LAST TWO YEARS REDUCED SPENDING ON CELL PHONES TO PAY FOR YOUR MANITOBA HYDRO BILL**

	TOTAL	NEVER	%	ONE	%	TWO	%	THREE	%	FOUR +	%	CHOOSE NOT TO ANSWER	%
<b>OVERALL</b>	484,811	319,699	65.9%	6,553	1.4%	6,268	1.3%	3,672	0.8%	11,668	2.4%	136,949	28.2%
<b>FUEL AREA</b>													
Winnipeg City	261,760	182,459	69.7%	3,458	1.3%	3,193	1.2%	1,525	0.6%	6,159	2.4%	64,966	24.8%
Gas Available	140,021	94,127	67.2%	1,314	0.9%	1,505	1.1%	1,265	0.9%	1,911	1.4%	39,900	28.5%
No Gas Available	83,030	43,113	51.9%	1,782	2.1%	1,571	1.9%	882	1.1%	3,598	4.3%	32,084	38.6%
<b>DWELLING TYPE</b>													
Single Detached	373,568	247,012	66.1%	5,203	1.4%	4,968	1.3%	2,404	0.6%	8,774	2.3%	105,206	28.2%
Multi Attached	46,834	29,413	62.8%	444	0.9%	847	1.8%	412	0.9%	1,118	2.4%	14,599	31.2%
Apartment Suite	64,409	43,274	67.2%	906	1.4%	453	0.7%	857	1.3%	1,776	2.8%	17,144	26.6%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	25,780	68.5%	559	1.5%	399	1.1%	559	1.5%	599	1.6%	9,749	25.9%
1990-2009	89,181	59,245	66.4%	1,494	1.7%	1,554	1.7%	623	0.7%	1,612	1.8%	24,653	27.6%
1970-1989	161,749	107,510	66.5%	1,674	1.0%	2,044	1.3%	1,108	0.7%	4,078	2.5%	45,335	28.0%
1950-1969	110,314	74,063	67.1%	1,686	1.5%	1,305	1.2%	781	0.7%	2,660	2.4%	29,819	27.0%
Pre 1950	85,922	53,102	61.8%	1,140	1.3%	966	1.1%	601	0.7%	2,719	3.2%	27,394	31.9%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	114,886	59.9%	3,189	1.7%	3,009	1.6%	2,102	1.1%	5,450	2.8%	63,003	32.9%
Natural Gas Heat	249,938	178,201	71.3%	2,784	1.1%	2,838	1.1%	1,280	0.5%	4,768	1.9%	60,066	24.0%
Other Fuel	6,945	4,032	58.1%	0	0.0%	131	1.9%	0	0.0%	0	0.0%	2,782	40.1%
Shared (No Heat on Bill)	36,289	22,581	62.2%	580	1.6%	290	0.8%	290	0.8%	1,451	4.0%	11,097	30.6%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	75,929	60.9%	895	0.7%	1,219	1.0%	489	0.4%	2,884	2.3%	43,363	34.8%
Two	221,729	154,865	69.8%	2,711	1.2%	2,366	1.1%	1,534	0.7%	3,478	1.6%	56,775	25.6%
Three	60,069	38,381	63.9%	838	1.4%	896	1.5%	775	1.3%	1,707	2.8%	17,472	29.1%
Four	48,897	33,725	69.0%	1,325	2.7%	1,124	2.3%	484	1.0%	1,969	4.0%	10,271	21.0%
Five +	29,337	16,800	57.3%	785	2.7%	664	2.3%	389	1.3%	1,630	5.6%	9,068	30.9%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	26,202	44.1%	1,377	2.3%	1,538	2.6%	1,070	1.8%	2,003	3.4%	27,291	45.9%
\$25,000 - \$49,999	137,082	77,910	56.8%	1,941	1.4%	2,061	1.5%	995	0.7%	4,733	3.5%	49,441	36.1%
\$50,000 - \$74,999	123,824	85,277	68.9%	1,703	1.4%	1,759	1.4%	943	0.8%	2,950	2.4%	31,192	25.2%
\$75,000 - \$99,999	66,780	50,506	75.6%	747	1.1%	375	0.6%	316	0.5%	1,040	1.6%	13,796	20.7%
\$100,000 +	97,644	79,804	81.7%	785	0.8%	535	0.5%	349	0.4%	943	1.0%	15,228	15.6%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	78,235	49.2%	3,189	2.0%	3,647	2.3%	1,909	1.2%	6,076	3.8%	65,931	41.5%
No	325,824	241,464	74.1%	3,365	1.0%	2,621	0.8%	1,763	0.5%	5,592	1.7%	71,018	21.8%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	23,860	46.4%	1,872	3.6%	1,702	3.3%	952	1.9%	3,621	7.0%	19,422	37.8%
No	409,630	284,419	69.4%	4,349	1.1%	4,349	1.1%	2,615	0.6%	7,216	1.8%	106,681	26.0%
Undeclared	23,751	11,420	48.1%	332	1.4%	217	0.9%	105	0.4%	831	3.5%	10,847	45.7%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	4,086	26.4%	1,193	7.7%	659	4.3%	435	2.8%	1,255	8.1%	7,828	50.6%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	299,963	68.3%	4,951	1.1%	4,340	1.0%	2,105	0.5%	8,440	1.9%	119,539	27.2%
Satisfactory	22,395	11,343	50.7%	500	2.2%	561	2.5%	616	2.7%	1,233	5.5%	8,142	36.4%
Poor	23,077	8,393	36.4%	1,103	4.8%	1,367	5.9%	952	4.1%	1,995	8.6%	9,268	40.2%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	277,133	68.5%	4,421	1.1%	4,386	1.1%	2,291	0.6%	8,048	2.0%	108,036	26.7%
Rent / Other	80,495	42,566	52.9%	2,132	2.6%	1,883	2.3%	1,381	1.7%	3,620	4.5%	28,913	35.9%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.07i  
IN LAST TWO YEARS REDUCED SPENDING ON CABLE TV TO PAY FOR YOUR MANITOBA HYDRO BILL**

	TOTAL	NEVER	%	ONE	%	TWO	%	THREE	%	FOUR +	%	CHOOSE NOT TO ANSWER	%
<b>OVERALL</b>	484,811	312,858	64.5%	8,636	1.8%	8,939	1.8%	3,569	0.7%	17,359	3.6%	133,450	27.5%
<b>FUEL AREA</b>													
Winnipeg City	261,760	178,935	68.4%	4,351	1.7%	4,890	1.9%	2,091	0.8%	10,226	3.9%	61,267	23.4%
Gas Available	140,021	91,590	65.4%	2,427	1.7%	2,409	1.7%	708	0.5%	2,608	1.9%	40,278	28.8%
No Gas Available	83,030	42,332	51.0%	1,858	2.2%	1,640	2.0%	770	0.9%	4,525	5.4%	31,905	38.4%
<b>DWELLING TYPE</b>													
Single Detached	373,568	242,108	64.8%	6,477	1.7%	7,927	2.1%	2,768	0.7%	11,733	3.1%	102,554	27.5%
Multi Attached	46,834	28,530	60.9%	791	1.7%	520	1.1%	309	0.7%	2,130	4.5%	14,555	31.1%
Apartment Suite	64,409	42,219	65.5%	1,369	2.1%	492	0.8%	492	0.8%	3,495	5.4%	16,341	25.4%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	25,361	67.4%	538	1.4%	572	1.5%	357	0.9%	1,196	3.2%	9,620	25.6%
1990-2009	89,181	57,970	65.0%	1,854	2.1%	1,920	2.2%	418	0.5%	2,557	2.9%	24,463	27.4%
1970-1989	161,749	105,467	65.2%	3,274	2.0%	2,586	1.6%	845	0.5%	5,297	3.3%	44,280	27.4%
1950-1969	110,314	73,369	66.5%	1,453	1.3%	1,849	1.7%	344	0.3%	4,287	3.9%	29,012	26.3%
Pre 1950	85,922	50,690	59.0%	1,517	1.8%	2,011	2.3%	1,604	1.9%	4,023	4.7%	26,076	30.3%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	111,055	57.9%	4,475	2.3%	3,898	2.0%	1,273	0.7%	7,641	4.0%	63,298	33.0%
Natural Gas Heat	249,938	176,072	70.4%	3,808	1.5%	4,620	1.8%	2,006	0.8%	6,906	2.8%	56,527	22.6%
Other Fuel	6,945	4,032	58.1%	0	0.0%	131	1.9%	0	0.0%	337	4.9%	2,445	35.2%
Shared (No Heat on Bill)	36,289	21,700	59.8%	353	1.0%	290	0.8%	290	0.8%	2,474	6.8%	11,181	30.8%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	73,925	59.2%	1,644	1.3%	1,460	1.2%	662	0.5%	4,812	3.9%	42,276	33.9%
Two	221,729	153,517	69.2%	3,027	1.4%	3,742	1.7%	766	0.3%	5,251	2.4%	55,426	25.0%
Three	60,069	36,729	61.1%	1,100	1.8%	1,581	2.6%	653	1.1%	3,377	5.6%	16,631	27.7%
Four	48,897	32,682	66.8%	1,622	3.3%	1,484	3.0%	984	2.0%	1,969	4.0%	10,156	20.8%
Five +	29,337	16,004	54.6%	1,244	4.2%	672	2.3%	504	1.7%	1,951	6.7%	8,961	30.5%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	25,486	42.8%	1,791	3.0%	1,845	3.1%	1,074	1.8%	2,572	4.3%	26,713	44.9%
\$25,000 - \$49,999	137,082	77,692	56.7%	2,127	1.6%	2,683	2.0%	807	0.6%	6,243	4.6%	47,531	34.7%
\$50,000 - \$74,999	123,824	82,869	66.9%	2,123	1.7%	2,449	2.0%	594	0.5%	5,187	4.2%	30,603	24.7%
\$75,000 - \$99,999	66,780	49,005	73.4%	1,140	1.7%	1,009	1.5%	445	0.7%	1,852	2.8%	13,330	20.0%
\$100,000 +	97,644	77,807	79.7%	1,455	1.5%	954	1.0%	650	0.7%	1,505	1.5%	15,274	15.6%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	77,167	48.5%	3,643	2.3%	4,617	2.9%	2,054	1.3%	7,441	4.7%	64,065	40.3%
No	325,824	235,691	72.3%	4,993	1.5%	4,322	1.3%	1,514	0.5%	9,918	3.0%	69,386	21.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	23,472	45.6%	2,002	3.9%	2,245	4.4%	662	1.3%	4,480	8.7%	18,568	36.1%
No	409,630	277,868	67.8%	6,302	1.5%	6,330	1.5%	2,566	0.6%	11,949	2.9%	104,615	25.5%
Undeclared	23,751	11,518	48.5%	332	1.4%	363	1.5%	341	1.4%	930	3.9%	10,267	43.2%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	4,216	27.3%	1,157	7.5%	808	5.2%	435	2.8%	1,224	7.9%	7,616	49.3%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	294,194	67.0%	6,791	1.5%	6,694	1.5%	2,658	0.6%	13,465	3.1%	115,537	26.3%
Satisfactory	22,395	10,854	48.5%	592	2.6%	756	3.4%	350	1.6%	1,254	5.6%	8,589	38.4%
Poor	23,077	7,810	33.8%	1,254	5.4%	1,489	6.5%	561	2.4%	2,639	11.4%	9,324	40.4%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	271,039	67.0%	5,998	1.5%	7,569	1.9%	2,486	0.6%	11,618	2.9%	105,606	26.1%
Rent / Other	80,495	41,819	52.0%	2,638	3.3%	1,370	1.7%	1,082	1.3%	5,741	7.1%	27,845	34.6%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.07j**  
**IN LAST 2 YEARS REDUCED SPENDING ON TRANSPORTATION TO PAY FOR YOUR MANITOBA HYDRO BILL**

	TOTAL	NEVER	%	ONE	%	TWO	%	THREE	%	FOUR +	%	CHOOSE NOT TO ANSWER	%
<b>OVERALL</b>	484,811	314,313	64.8%	8,119	1.7%	8,461	1.7%	4,599	0.9%	18,592	3.8%	130,726	27.0%
<b>FUEL AREA</b>													
Winnipeg City	261,760	181,502	69.3%	3,840	1.5%	3,690	1.4%	2,193	0.8%	8,342	3.2%	62,195	23.8%
Gas Available	140,021	90,861	64.9%	2,234	1.6%	2,308	1.6%	1,315	0.9%	4,482	3.2%	38,822	27.7%
No Gas Available	83,030	41,951	50.5%	2,045	2.5%	2,464	3.0%	1,092	1.3%	5,768	6.9%	29,710	35.8%
<b>DWELLING TYPE</b>													
Single Detached	373,568	242,526	64.9%	6,112	1.6%	6,613	1.8%	3,926	1.1%	14,674	3.9%	99,717	26.7%
Multi Attached	46,834	28,135	60.1%	934	2.0%	327	0.7%	309	0.7%	1,904	4.1%	15,224	32.5%
Apartment Suite	64,409	43,652	67.8%	1,072	1.7%	1,521	2.4%	365	0.6%	2,013	3.1%	15,785	24.5%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	26,043	69.2%	591	1.6%	343	0.9%	357	0.9%	923	2.5%	9,387	24.9%
1990-2009	89,181	59,327	66.5%	1,563	1.8%	1,238	1.4%	677	0.8%	2,972	3.3%	23,404	26.2%
1970-1989	161,749	104,249	64.5%	2,648	1.6%	3,168	2.0%	1,595	1.0%	6,498	4.0%	43,590	26.9%
1950-1969	110,314	72,815	66.0%	2,267	2.1%	1,340	1.2%	707	0.6%	3,642	3.3%	29,543	26.8%
Pre 1950	85,922	51,879	60.4%	1,049	1.2%	2,373	2.8%	1,263	1.5%	4,557	5.3%	24,801	28.9%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	110,576	57.7%	3,433	1.8%	4,851	2.5%	2,159	1.1%	10,824	5.6%	59,795	31.2%
Natural Gas Heat	249,938	176,882	70.8%	3,478	1.4%	2,608	1.0%	2,440	1.0%	6,607	2.6%	57,922	23.2%
Other Fuel	6,945	3,694	53.2%	337	4.9%	131	1.9%	0	0.0%	0	0.0%	2,782	40.1%
Shared (No Heat on Bill)	36,289	23,161	63.8%	870	2.4%	870	2.4%	0	0.0%	1,160	3.2%	10,227	28.2%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	73,817	59.2%	1,760	1.4%	2,542	2.0%	842	0.7%	4,676	3.7%	41,143	33.0%
Two	221,729	153,023	69.0%	2,834	1.3%	3,121	1.4%	2,048	0.9%	6,789	3.1%	53,914	24.3%
Three	60,069	37,473	62.4%	1,288	2.1%	1,489	2.5%	196	0.3%	2,521	4.2%	17,102	28.5%
Four	48,897	33,651	68.8%	1,189	2.4%	840	1.7%	1,005	2.1%	2,477	5.1%	9,734	19.9%
Five +	29,337	16,350	55.7%	1,047	3.6%	470	1.6%	508	1.7%	2,129	7.3%	8,833	30.1%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	25,058	42.1%	1,905	3.2%	1,849	3.1%	729	1.2%	2,959	5.0%	26,981	45.4%
\$25,000 - \$49,999	137,082	77,093	56.2%	1,871	1.4%	3,543	2.6%	1,333	1.0%	7,114	5.2%	46,128	33.6%
\$50,000 - \$74,999	123,824	84,534	68.3%	2,081	1.7%	1,383	1.1%	1,228	1.0%	4,887	3.9%	29,710	24.0%
\$75,000 - \$99,999	66,780	48,638	72.8%	1,166	1.7%	743	1.1%	660	1.0%	1,848	2.8%	13,726	20.6%
\$100,000 +	97,644	78,990	80.9%	1,096	1.1%	943	1.0%	650	0.7%	1,785	1.8%	14,181	14.5%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	76,942	48.4%	3,606	2.3%	4,781	3.0%	1,834	1.2%	9,417	5.9%	62,407	39.3%
No	325,824	237,371	72.9%	4,513	1.4%	3,680	1.1%	2,765	0.8%	9,175	2.8%	68,319	21.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	22,884	44.5%	1,585	3.1%	2,043	4.0%	1,081	2.1%	4,093	8.0%	19,742	38.4%
No	409,630	279,523	68.2%	6,419	1.6%	6,191	1.5%	3,188	0.8%	13,533	3.3%	100,776	24.6%
Undeclared	23,751	11,906	50.1%	115	0.5%	226	1.0%	330	1.4%	967	4.1%	10,208	43.0%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	4,185	27.1%	902	5.8%	659	4.3%	311	2.0%	1,416	9.2%	7,984	51.7%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	295,672	67.3%	6,556	1.5%	5,847	1.3%	3,759	0.9%	14,267	3.2%	113,237	25.8%
Satisfactory	22,395	11,015	49.2%	469	2.1%	1,089	4.9%	389	1.7%	1,725	7.7%	7,709	34.4%
Poor	23,077	7,626	33.0%	1,094	4.7%	1,526	6.6%	451	2.0%	2,600	11.3%	9,780	42.4%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	270,719	67.0%	5,662	1.4%	7,008	1.7%	3,677	0.9%	14,309	3.5%	102,941	25.5%
Rent / Other	80,495	43,595	54.2%	2,456	3.1%	1,453	1.8%	923	1.1%	4,284	5.3%	27,785	34.5%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.07k  
IN LAST TWO YEARS REDUCED SPENDING ON GIFTS TO PAY FOR YOUR MANITOBA HYDRO BILL**

	TOTAL	NEVER	%	ONE	%	TWO	%	THREE	%	FOUR +	%	CHOOSE NOT TO ANSWER	%
<b>OVERALL</b>	484,811	294,118	60.7%	12,459	2.6%	11,144	2.3%	8,545	1.8%	33,602	6.9%	124,944	25.8%
<b>FUEL AREA</b>													
Winnipeg City	261,760	169,857	64.9%	6,182	2.4%	5,052	1.9%	4,941	1.9%	16,132	6.2%	59,596	22.8%
Gas Available	140,021	85,348	61.0%	3,426	2.4%	3,722	2.7%	2,182	1.6%	9,226	6.6%	36,117	25.8%
No Gas Available	83,030	38,913	46.9%	2,852	3.4%	2,370	2.9%	1,421	1.7%	8,243	9.9%	29,231	35.2%
<b>DWELLING TYPE</b>													
Single Detached	373,568	227,287	60.8%	9,656	2.6%	9,637	2.6%	5,707	1.5%	26,477	7.1%	94,805	25.4%
Multi Attached	46,834	26,100	55.7%	1,370	2.9%	68	0.1%	1,568	3.3%	3,590	7.7%	14,138	30.2%
Apartment Suite	64,409	40,731	63.2%	1,433	2.2%	1,439	2.2%	1,270	2.0%	3,535	5.5%	16,001	24.8%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	23,342	62.0%	670	1.8%	1,512	4.0%	946	2.5%	2,219	5.9%	8,956	23.8%
1990-2009	89,181	55,657	62.4%	2,431	2.7%	1,312	1.5%	1,428	1.6%	5,468	6.1%	22,884	25.7%
1970-1989	161,749	99,324	61.4%	3,029	1.9%	3,879	2.4%	3,230	2.0%	10,919	6.8%	41,368	25.6%
1950-1969	110,314	68,411	62.0%	3,051	2.8%	2,012	1.8%	1,176	1.1%	7,414	6.7%	28,250	25.6%
Pre 1950	85,922	47,383	55.1%	3,279	3.8%	2,429	2.8%	1,764	2.1%	7,581	8.8%	23,486	27.3%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	102,713	53.6%	5,305	2.8%	5,261	2.7%	4,106	2.1%	17,125	8.9%	57,128	29.8%
Natural Gas Heat	249,938	166,887	66.8%	5,662	2.3%	5,171	2.1%	3,859	1.5%	14,002	5.6%	54,357	21.7%
Other Fuel	6,945	3,694	53.2%	469	6.7%	131	1.9%	0	0.0%	0	0.0%	2,651	38.2%
Shared (No Heat on Bill)	36,289	20,823	57.4%	1,024	2.8%	580	1.6%	580	1.6%	2,474	6.8%	10,807	29.8%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	70,768	56.7%	2,255	1.8%	2,121	1.7%	3,307	2.7%	8,171	6.5%	38,158	30.6%
Two	221,729	146,848	66.2%	4,601	2.1%	3,453	1.6%	2,346	1.1%	12,409	5.6%	52,072	23.5%
Three	60,069	32,526	54.1%	2,222	3.7%	2,190	3.6%	1,251	2.1%	5,137	8.6%	16,743	27.9%
Four	48,897	29,903	61.2%	2,330	4.8%	1,978	4.0%	1,018	2.1%	4,061	8.3%	9,607	19.6%
Five +	29,337	14,072	48.0%	1,052	3.6%	1,401	4.8%	624	2.1%	3,825	13.0%	8,363	28.5%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	23,710	39.9%	2,601	4.4%	1,681	2.8%	944	1.6%	5,303	8.9%	25,242	42.4%
\$25,000 - \$49,999	137,082	72,872	53.2%	2,664	1.9%	2,571	1.9%	3,249	2.4%	10,923	8.0%	44,803	32.7%
\$50,000 - \$74,999	123,824	78,322	63.3%	2,067	1.7%	2,913	2.4%	2,572	2.1%	9,781	7.9%	28,169	22.7%
\$75,000 - \$99,999	66,780	45,277	67.8%	2,029	3.0%	2,085	3.1%	666	1.0%	3,868	5.8%	12,854	19.2%
\$100,000 +	97,644	73,937	75.7%	3,099	3.2%	1,892	1.9%	1,113	1.1%	3,726	3.8%	13,876	14.2%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	71,722	45.1%	4,864	3.1%	4,461	2.8%	3,437	2.2%	14,803	9.3%	59,699	37.5%
No	325,824	222,395	68.3%	7,595	2.3%	6,683	2.1%	5,108	1.6%	18,798	5.8%	65,245	20.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	21,090	41.0%	1,811	3.5%	2,091	4.1%	1,503	2.9%	5,994	11.7%	18,939	36.8%
No	409,630	262,184	64.0%	10,172	2.5%	8,734	2.1%	6,736	1.6%	25,629	6.3%	96,175	23.5%
Undeclared	23,751	10,844	45.7%	476	2.0%	318	1.3%	305	1.3%	1,978	8.3%	9,830	41.4%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	3,712	24.0%	746	4.8%	534	3.5%	721	4.7%	1,883	12.2%	7,860	50.9%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	279,531	63.6%	9,956	2.3%	8,214	1.9%	7,214	1.6%	26,612	6.1%	107,812	24.5%
Satisfactory	22,395	9,035	40.3%	912	4.1%	1,294	5.8%	704	3.1%	2,249	10.0%	8,202	36.6%
Poor	23,077	5,552	24.1%	1,591	6.9%	1,636	7.1%	627	2.7%	4,742	20.5%	8,929	38.7%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	254,604	63.0%	9,550	2.4%	8,936	2.2%	7,055	1.7%	26,519	6.6%	97,652	24.2%
Rent / Other	80,495	39,513	49.1%	2,909	3.6%	2,208	2.7%	1,490	1.9%	7,083	8.8%	27,292	33.9%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.071  
IN LAST TWO YEARS REDUCED SPENDING ON MEDICAL EXP. TO PAY FOR YOUR MANITOBA HYDRO BILL**

	TOTAL	NEVER	%	ONE	%	TWO	%	THREE	%	FOUR +	%	CHOOSE NOT TO ANSWER	%
<b>OVERALL</b>	484,811	323,492	66.7%	6,394	1.3%	4,653	1.0%	3,080	0.6%	9,877	2.0%	137,315	28.3%
<b>FUEL AREA</b>													
Winnipeg City	261,760	184,003	70.3%	3,696	1.4%	2,381	0.9%	1,798	0.7%	3,938	1.5%	65,944	25.2%
Gas Available	140,021	94,642	67.6%	1,398	1.0%	1,218	0.9%	711	0.5%	2,701	1.9%	39,352	28.1%
No Gas Available	83,030	44,847	54.0%	1,300	1.6%	1,054	1.3%	572	0.7%	3,238	3.9%	32,020	38.6%
<b>DWELLING TYPE</b>													
Single Detached	373,568	251,415	67.3%	4,304	1.2%	3,127	0.8%	1,779	0.5%	8,111	2.2%	104,833	28.1%
Multi Attached	46,834	27,950	59.7%	569	1.2%	655	1.4%	519	1.1%	1,151	2.5%	15,990	34.1%
Apartment Suite	64,409	44,127	68.5%	1,521	2.4%	870	1.4%	782	1.2%	616	1.0%	16,493	25.6%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	26,045	69.2%	437	1.2%	336	0.9%	264	0.7%	732	1.9%	9,831	26.1%
1990-2009	89,181	60,472	67.8%	950	1.1%	668	0.7%	294	0.3%	1,822	2.0%	24,975	28.0%
1970-1989	161,749	108,724	67.2%	2,127	1.3%	949	0.6%	1,084	0.7%	3,095	1.9%	45,770	28.3%
1950-1969	110,314	74,601	67.6%	1,544	1.4%	1,221	1.1%	665	0.6%	2,291	2.1%	29,992	27.2%
Pre 1950	85,922	53,650	62.4%	1,336	1.6%	1,479	1.7%	773	0.9%	1,937	2.3%	26,747	31.1%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	117,197	61.2%	2,860	1.5%	2,195	1.1%	1,204	0.6%	5,801	3.0%	62,382	32.6%
Natural Gas Heat	249,938	180,594	72.3%	2,325	0.9%	1,588	0.6%	1,165	0.5%	3,786	1.5%	60,479	24.2%
Other Fuel	6,945	3,563	51.3%	337	4.9%	0	0.0%	131	1.9%	0	0.0%	2,913	41.9%
Shared (No Heat on Bill)	36,289	22,137	61.0%	870	2.4%	870	2.4%	580	1.6%	290	0.8%	11,541	31.8%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	76,559	61.4%	1,628	1.3%	1,609	1.3%	1,012	0.8%	2,431	1.9%	41,539	33.3%
Two	221,729	156,067	70.4%	2,187	1.0%	1,803	0.8%	1,221	0.6%	3,742	1.7%	56,709	25.6%
Three	60,069	39,767	66.2%	1,101	1.8%	103	0.2%	208	0.3%	1,292	2.2%	17,599	29.3%
Four	48,897	34,420	70.4%	1,012	2.1%	329	0.7%	379	0.8%	1,251	2.6%	11,506	23.5%
Five +	29,337	16,679	56.9%	465	1.6%	809	2.8%	261	0.9%	1,162	4.0%	9,962	34.0%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	25,675	43.2%	1,696	2.9%	1,388	2.3%	951	1.6%	1,718	2.9%	28,053	47.2%
\$25,000 - \$49,999	137,082	81,061	59.1%	1,743	1.3%	1,181	0.9%	989	0.7%	3,905	2.8%	48,203	35.2%
\$50,000 - \$74,999	123,824	86,186	69.6%	1,692	1.4%	1,485	1.2%	708	0.6%	2,721	2.2%	31,033	25.1%
\$75,000 - \$99,999	66,780	50,643	75.8%	593	0.9%	320	0.5%	0	0.0%	796	1.2%	14,428	21.6%
\$100,000 +	97,644	79,928	81.9%	670	0.7%	278	0.3%	432	0.4%	738	0.8%	15,598	16.0%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	80,479	50.6%	3,500	2.2%	2,346	1.5%	1,740	1.1%	5,360	3.4%	65,561	41.2%
No	325,824	243,013	74.6%	2,893	0.9%	2,307	0.7%	1,340	0.4%	4,517	1.4%	71,754	22.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	25,081	48.8%	1,234	2.4%	487	0.9%	451	0.9%	2,498	4.9%	21,678	42.2%
No	409,630	286,517	69.9%	5,057	1.2%	4,165	1.0%	2,403	0.6%	6,515	1.6%	104,973	25.6%
Undeclared	23,751	11,894	50.1%	103	0.4%	0	0.0%	226	1.0%	864	3.6%	10,664	44.9%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	4,520	29.2%	404	2.6%	353	2.3%	349	2.3%	783	5.1%	9,047	58.5%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	304,054	69.2%	4,592	1.0%	3,566	0.8%	2,736	0.6%	7,277	1.7%	117,113	26.7%
Satisfactory	22,395	11,700	52.2%	818	3.7%	453	2.0%	146	0.7%	762	3.4%	8,517	38.0%
Poor	23,077	7,738	33.5%	984	4.3%	634	2.7%	198	0.9%	1,838	8.0%	11,685	50.6%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	280,561	69.4%	4,422	1.1%	2,909	0.7%	1,546	0.4%	7,665	1.9%	107,213	26.5%
Rent / Other	80,495	42,931	53.3%	1,971	2.4%	1,744	2.2%	1,534	1.9%	2,212	2.7%	30,102	37.4%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.08  
IN PAST TWO YEARS MISSED MANITOBA HYDRO BILL PAYMENT DUE TO FINANCIAL DIFFICULTIES**

	TOTAL	NEVER	%	ONE	%	TWO	%	THREE	%	FOUR	%	OVER FOUR	%	CHOOSE NOT TO ANSWER	%
<b>OVERALL</b>	484,811	424,122	87.5%	14,148	2.9%	12,507	2.6%	7,645	1.6%	3,609	0.7%	12,058	2.5%	10,722	2.2%
<b>FUEL AREA</b>															
Winnipeg City	261,760	234,829	89.7%	7,118	2.7%	5,515	2.1%	3,612	1.4%	737	0.3%	6,250	2.4%	3,699	1.4%
Gas Available	140,021	125,488	89.6%	4,163	3.0%	2,654	1.9%	1,870	1.3%	1,277	0.9%	1,857	1.3%	2,711	1.9%
No Gas Available	83,030	63,805	76.8%	2,866	3.5%	4,338	5.2%	2,163	2.6%	1,595	1.9%	3,951	4.8%	4,312	5.2%
<b>DWELLING TYPE</b>															
Single Detached	373,568	327,927	87.8%	10,804	2.9%	9,669	2.6%	5,824	1.6%	3,142	0.8%	8,551	2.3%	7,652	2.0%
Multi Attached	46,834	40,126	85.7%	1,088	2.3%	1,529	3.3%	916	2.0%	304	0.6%	1,831	3.9%	1,040	2.2%
Apartment Suite	64,409	56,069	87.1%	2,256	3.5%	1,309	2.0%	906	1.4%	163	0.3%	1,676	2.6%	2,029	3.2%
<b>BUILDING CODE ERA</b>															
2010-2017	37,645	33,721	89.6%	1,189	3.2%	1,051	2.8%	289	0.8%	236	0.6%	577	1.5%	581	1.5%
1990-2009	89,181	79,054	88.6%	1,755	2.0%	2,286	2.6%	1,580	1.8%	1,032	1.2%	1,663	1.9%	1,811	2.0%
1970-1989	161,749	143,783	88.9%	4,645	2.9%	3,864	2.4%	2,733	1.7%	806	0.5%	2,868	1.8%	3,049	1.9%
1950-1969	110,314	96,355	87.3%	3,624	3.3%	2,076	1.9%	1,357	1.2%	787	0.7%	3,687	3.3%	2,429	2.2%
Pre 1950	85,922	71,209	82.9%	2,934	3.4%	3,230	3.8%	1,687	2.0%	747	0.9%	3,262	3.8%	2,852	3.3%
<b>SPACE HEAT FUEL</b>															
Electric Heat	191,639	162,005	84.5%	6,089	3.2%	6,077	3.2%	3,176	1.7%	2,933	1.5%	5,159	2.7%	6,199	3.2%
Natural Gas Heat	249,938	227,026	90.8%	7,188	2.9%	4,731	1.9%	3,246	1.3%	676	0.3%	4,473	1.8%	2,596	1.0%
Other Fuel	6,945	4,940	71.1%	0	0.0%	675	9.7%	393	5.7%	0	0.0%	469	6.7%	469	6.7%
Shared (No Heat on Bill)	36,289	30,151	83.1%	870	2.4%	1,024	2.8%	829	2.3%	0	0.0%	1,957	5.4%	1,458	4.0%
<b>PEOPLE PER HOUSEHOLD</b>															
One	124,779	110,623	88.7%	3,047	2.4%	2,531	2.0%	1,623	1.3%	899	0.7%	2,565	2.1%	3,491	2.8%
Two	221,729	201,408	90.8%	5,387	2.4%	4,596	2.1%	2,280	1.0%	1,081	0.5%	3,446	1.6%	3,532	1.6%
Three	60,069	50,989	84.9%	2,321	3.9%	2,371	3.9%	1,299	2.2%	378	0.6%	1,581	2.6%	1,130	1.9%
Four	48,897	39,893	81.6%	1,932	4.0%	1,963	4.0%	768	1.6%	731	1.5%	2,521	5.2%	1,088	2.2%
Five +	29,337	21,209	72.3%	1,461	5.0%	1,045	3.6%	1,675	5.7%	521	1.8%	1,946	6.6%	1,481	5.0%
<b>HOUSEHOLD INCOME</b>															
Less Than \$25,000	59,481	44,395	74.6%	2,144	3.6%	3,658	6.1%	1,885	3.2%	534	0.9%	3,464	5.8%	3,399	5.7%
\$25,000 - \$49,999	137,082	119,814	87.4%	4,654	3.4%	3,500	2.6%	1,865	1.4%	1,759	1.3%	3,709	2.7%	1,782	1.3%
\$50,000 - \$74,999	123,824	109,330	88.3%	3,065	2.5%	2,336	1.9%	2,116	1.7%	628	0.5%	3,748	3.0%	2,601	2.1%
\$75,000 - \$99,999	66,780	60,839	91.1%	1,906	2.9%	1,135	1.7%	721	1.1%	389	0.6%	412	0.6%	1,378	2.1%
\$100,000 +	97,644	89,743	91.9%	2,378	2.4%	1,878	1.9%	1,059	1.1%	299	0.3%	725	0.7%	1,561	1.6%
<b>WINNIPEG LICO-125 CLASS</b>															
Yes	158,987	127,308	80.1%	6,658	4.2%	6,582	4.1%	3,606	2.3%	2,068	1.3%	7,285	4.6%	5,480	3.4%
No	325,824	296,814	91.1%	7,490	2.3%	5,926	1.8%	4,039	1.2%	1,541	0.5%	4,773	1.5%	5,242	1.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>															
Yes	51,429	35,178	68.4%	2,441	4.7%	3,538	6.9%	2,290	4.5%	691	1.3%	4,160	8.1%	3,131	6.1%
No	409,630	368,020	89.8%	10,960	2.7%	8,305	2.0%	5,087	1.2%	2,918	0.7%	7,360	1.8%	6,981	1.7%
Undeclared	23,751	20,924	88.1%	746	3.1%	665	2.8%	269	1.1%	0	0.0%	538	2.3%	610	2.6%
<b>FIRST NATION ON RESERVE</b>															
FIRST NATION ON RESERVE	15,456	6,621	42.8%	746	4.8%	1,959	12.7%	1,492	9.7%	591	3.8%	1,666	10.8%	2,381	15.4%
<b>BILL PAYMENT RATING</b>															
Excellent	439,339	412,175	93.8%	11,537	2.6%	7,653	1.7%	3,155	0.7%	1,286	0.3%	3,533	0.8%	0	0.0%
Satisfactory	22,395	8,474	37.8%	1,391	6.2%	2,733	12.2%	1,714	7.7%	881	3.9%	1,594	7.1%	5,609	25.0%
Poor	23,077	3,473	15.0%	1,220	5.3%	2,121	9.2%	2,776	12.0%	1,442	6.2%	6,931	30.0%	5,113	22.2%
<b>DWELLING OWNERSHIP</b>															
Own	404,316	363,575	89.9%	11,311	2.8%	8,273	2.0%	4,764	1.2%	2,700	0.7%	7,340	1.8%	6,352	1.6%
Rent / Other	80,495	60,546	75.2%	2,837	3.5%	4,234	5.3%	2,881	3.6%	909	1.1%	4,718	5.9%	4,369	5.4%



**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.09**  
**IF YOU MISSED A MANITOBA HYDRO BILL PAYMENT IN THE LAST TWO YEARS, IS IT BECAUSE OF ONE OF THE FOLLOWING:**

	TOTAL	NOT BEEN HARD	JOB LOSS	SEPARATION OR DIVORCE	RETIREMENT	REDUCED OR INSUFFICIENT PAYCHECK	LOAN OR MORTGAGE PAYMENT	PROPERTY TAXES	UNEXPECTED MAJOR EXPENSE	OTHER	CHOOSE NOT TO ANSWER
		YES %	YES %	YES %	YES %	YES %	YES %	YES %	YES %	YES %	YES %
<b>OVERALL</b>	484,811	242,192 50.0%	11,809 2.4%	4,928 1.0%	13,124 2.7%	25,714 5.3%	12,234 2.5%	11,431 2.4%	32,329 6.7%	18,884 3.9%	164,356 33.9%
<b>FUEL AREA</b>											
Winnipeg City	261,760	140,443 53.7%	5,663 2.2%	2,680 1.0%	5,348 2.0%	12,649 4.8%	6,109 2.3%	6,036 2.3%	16,113 6.2%	8,741 3.3%	84,402 32.2%
Gas Available	140,021	68,842 49.2%	2,865 2.0%	1,110 0.8%	3,582 2.6%	5,936 4.2%	2,853 2.0%	3,069 2.2%	7,971 5.7%	4,435 3.2%	51,149 36.5%
No Gas Available	83,030	32,907 39.6%	3,281 4.0%	1,138 1.4%	4,194 5.1%	7,128 8.6%	3,271 3.9%	2,325 2.8%	8,246 9.9%	5,708 6.9%	28,806 34.7%
<b>DWELLING TYPE</b>											
Single Detached	373,568	186,535 49.9%	9,356 2.5%	2,924 0.8%	9,850 2.6%	18,642 5.0%	8,679 2.3%	9,247 2.5%	24,198 6.5%	13,449 3.6%	129,306 34.6%
Multi Attached	46,834	21,607 46.1%	873 1.9%	1,187 2.5%	2,659 5.7%	2,640 5.6%	1,503 3.2%	1,657 3.5%	3,975 8.5%	2,569 5.5%	15,473 33.0%
Apartment Suite	64,409	34,051 52.9%	1,580 2.5%	817 1.3%	616 1.0%	4,432 6.9%	2,052 3.2%	527 0.8%	4,156 6.5%	2,866 4.4%	19,578 30.4%
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	18,852 50.1%	1,065 2.8%	291 0.8%	980 2.6%	1,558 4.1%	852 2.3%	1,038 2.8%	2,273 6.0%	1,106 2.9%	13,221 35.1%
1990-2009	89,181	45,366 50.9%	2,210 2.5%	625 0.7%	1,874 2.1%	4,436 5.0%	1,553 1.7%	1,372 1.5%	4,911 5.5%	2,795 3.1%	31,579 35.4%
1970-1989	161,749	79,665 49.3%	3,190 2.0%	1,752 1.1%	4,868 3.0%	7,182 4.4%	3,141 1.9%	2,938 1.8%	10,244 6.3%	6,327 3.9%	55,749 34.5%
1950-1969	110,314	57,130 51.8%	2,938 2.7%	1,589 1.4%	3,172 2.9%	5,970 5.4%	3,415 3.1%	2,879 2.6%	7,633 6.9%	4,552 4.1%	36,361 33.0%
Pre 1950	85,922	41,178 47.9%	2,406 2.8%	671 0.8%	2,230 2.6%	6,568 7.6%	3,273 3.8%	3,204 3.7%	7,268 8.5%	4,104 4.8%	27,446 31.9%
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	83,397 43.5%	4,871 2.5%	2,291 1.2%	7,961 4.2%	13,031 6.8%	5,606 2.9%	5,228 2.7%	14,890 7.8%	9,669 5.0%	68,821 35.9%
Natural Gas Heat	249,938	136,556 54.6%	5,456 2.2%	2,010 0.8%	4,429 1.8%	8,959 3.6%	4,243 1.7%	5,315 2.1%	13,425 5.4%	6,806 2.7%	82,872 33.2%
Other Fuel	6,945	2,389 34.4%	469 6.7%	337 4.9%	0 0.0%	806 11.6%	337 4.9%	0 0.0%	806 11.6%	556 8.0%	2,726 39.3%
Shared (No Heat on Bill)	36,289	19,850 54.7%	1,014 2.8%	290 0.8%	734 2.0%	2,918 8.0%	2,048 5.6%	888 2.4%	3,208 8.8%	1,853 5.1%	9,937 27.4%
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	59,890 48.0%	1,848 1.5%	1,411 1.1%	4,408 3.5%	5,320 4.3%	2,246 1.8%	1,583 1.3%	6,190 5.0%	4,540 3.6%	46,635 37.4%
Two	221,729	115,527 52.1%	3,764 1.7%	1,738 0.8%	5,198 2.3%	9,585 4.3%	5,067 2.3%	5,330 2.4%	10,780 4.9%	8,152 3.7%	77,683 35.0%
Three	60,069	28,847 48.0%	1,781 3.0%	993 1.7%	1,908 3.2%	4,112 6.8%	2,237 3.7%	2,045 3.4%	5,717 9.5%	1,906 3.2%	19,669 32.7%
Four	48,897	26,345 53.9%	2,787 5.7%	401 0.8%	598 1.2%	3,477 7.1%	1,582 3.2%	1,688 3.5%	4,755 9.7%	2,256 4.6%	12,198 24.9%
Five +	29,337	11,582 39.5%	1,629 5.6%	385 1.3%	1,012 3.5%	3,219 11.0%	1,102 3.8%	786 2.7%	4,886 16.7%	2,031 6.9%	8,171 27.9%
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	22,413 37.7%	2,287 3.8%	950 1.6%	4,871 8.2%	5,238 8.8%	2,160 3.6%	1,595 2.7%	6,142 10.3%	3,815 6.4%	20,149 33.9%
\$25,000 - \$49,999	137,082	64,906 47.3%	3,700 2.7%	1,865 1.4%	5,342 3.9%	8,296 6.1%	4,371 3.2%	4,352 3.2%	8,623 6.3%	5,836 4.3%	48,820 35.6%
\$50,000 - \$74,999	123,824	60,643 49.0%	2,678 2.2%	1,445 1.2%	1,573 1.3%	6,930 5.6%	3,265 2.6%	2,573 2.1%	8,887 7.2%	3,960 3.2%	43,883 35.4%
\$75,000 - \$99,999	66,780	35,932 53.8%	1,662 2.5%	324 0.5%	595 0.9%	2,715 4.1%	957 1.4%	1,285 1.9%	3,660 5.5%	2,600 3.9%	22,058 33.0%
\$100,000 +	97,644	58,298 59.7%	1,482 1.5%	344 0.4%	744 0.8%	2,535 2.6%	1,481 1.5%	1,627 1.7%	5,019 5.1%	2,673 2.7%	29,445 30.2%
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	67,145 42.2%	5,983 3.8%	2,236 1.4%	9,178 5.8%	13,236 8.3%	5,329 3.4%	4,741 3.0%	14,149 8.9%	8,823 5.5%	53,660 33.8%
No	325,824	175,047 53.7%	5,826 1.8%	2,691 0.8%	3,946 1.2%	12,478 3.8%	6,905 2.1%	6,689 2.1%	18,180 5.6%	10,062 3.1%	110,697 34.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	17,094 33.2%	3,861 7.5%	1,056 2.1%	2,014 3.9%	5,862 11.4%	2,147 4.2%	1,348 2.6%	6,702 13.0%	3,792 7.4%	18,041 35.1%
No	409,630	217,752 53.2%	7,498 1.8%	3,709 0.9%	10,591 2.6%	18,733 4.6%	9,426 2.3%	9,307 2.3%	24,038 5.9%	14,020 3.4%	133,434 32.6%
Undeclared	23,751	7,345 30.9%	449 1.9%	163 0.7%	520 2.2%	1,119 4.7%	661 2.8%	776 3.3%	1,589 6.7%	1,072 4.5%	12,882 54.2%
<b>FIRST NATION ON RESERVE</b>											
FIRST NATIONS ON RESERVE	15,456	3,507 22.7%	1,696 11.0%	311 2.0%	1,150 7.4%	2,294 14.8%	560 3.6%	93 0.6%	2,822 18.3%	1,467 9.5%	4,999 32.3%
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	233,288 53.1%	5,902 1.3%	2,891 0.7%	10,777 2.5%	14,713 3.3%	7,650 1.7%	8,454 1.9%	18,757 4.3%	12,878 2.9%	154,748 35.2%
Satisfactory	22,395	5,694 25.4%	2,053 9.2%	792 3.5%	1,150 5.1%	4,057 18.1%	1,312 5.9%	911 4.1%	4,084 18.2%	2,316 10.3%	6,268 28.0%
Poor	23,077	3,210 13.9%	3,853 16.7%	1,245 5.4%	1,197 5.2%	6,944 30.1%	3,272 14.2%	2,066 9.0%	9,488 41.1%	3,690 16.0%	3,341 14.5%
<b>DWELLING OWNERSHIP</b>											
Own	404,316	208,034 51.5%	7,621 1.9%	3,534 0.9%	10,965 2.7%	18,101 4.5%	9,722 2.4%	10,870 2.7%	23,606 5.8%	14,129 3.5%	139,449 34.5%
Rent / Other	80,495	34,157 42.4%	4,188 5.2%	1,394 1.7%	2,159 2.7%	7,613 9.5%	2,512 3.1%	560 0.7%	8,723 10.8%	4,755 5.9%	24,907 30.9%



**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.10**  
**HOW DO YOU THINK YOU COMPARE TO SIMILAR HOUSEHOLDS THAT HEAT WITH THE SAME COMMODITY**

	USE A LOT MORE			USE A LITTLE MORE		USE ABOUT THE SAME		USE A LITTLE LESS		USE A LOT LESS		DO NOT KNOW	
	TOTAL	MORE	%	MORE	%	THE SAME	%	LESS	%	LOT LESS	%	KNOW	%
<b>OVERALL</b>	484,811	22,575	4.7%	43,824	9.0%	116,463	24.0%	89,352	18.4%	30,802	6.4%	181,794	37.5%
<b>FUEL AREA</b>													
Winnipeg City	261,760	8,896	3.4%	20,633	7.9%	60,284	23.0%	53,889	20.6%	19,537	7.5%	98,522	37.6%
Gas Available	140,021	7,354	5.3%	14,619	10.4%	37,480	26.8%	22,983	16.4%	7,078	5.1%	50,506	36.1%
No Gas Available	83,030	6,325	7.6%	8,573	10.3%	18,699	22.5%	12,480	15.0%	4,187	5.0%	32,766	39.5%
<b>DWELLING TYPE</b>													
Single Detached	373,568	19,061	5.1%	36,390	9.7%	95,441	25.5%	65,137	17.4%	19,827	5.3%	137,711	36.9%
Multi Attached	46,834	1,693	3.6%	2,875	6.1%	10,028	21.4%	10,633	22.7%	3,359	7.2%	18,247	39.0%
Apartment Suite	64,409	1,822	2.8%	4,559	7.1%	10,994	17.1%	13,582	21.1%	7,617	11.8%	25,836	40.1%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	2,154	5.7%	3,935	10.5%	9,929	26.4%	8,311	22.1%	1,924	5.1%	11,392	30.3%
1990-2009	89,181	4,610	5.2%	8,405	9.4%	24,944	28.0%	14,767	16.6%	5,173	5.8%	31,283	35.1%
1970-1989	161,749	5,694	3.5%	13,192	8.2%	37,489	23.2%	30,731	19.0%	11,360	7.0%	63,282	39.1%
1950-1969	110,314	4,776	4.3%	9,113	8.3%	27,237	24.7%	19,803	18.0%	5,070	4.6%	44,316	40.2%
Pre 1950	85,922	5,342	6.2%	9,179	10.7%	16,864	19.6%	15,740	18.3%	7,276	8.5%	31,521	36.7%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	13,523	7.1%	19,579	10.2%	42,132	22.0%	31,890	16.6%	13,310	6.9%	71,206	37.2%
Natural Gas Heat	249,938	8,278	3.3%	21,380	8.6%	66,430	26.6%	48,916	19.6%	14,158	5.7%	90,776	36.3%
Other Fuel	6,945	131	1.9%	1,012	14.6%	1,362	19.6%	1,143	16.5%	0	0.0%	3,297	47.5%
Shared (No Heat on Bill)	36,289	643	1.8%	1,853	5.1%	6,540	18.0%	7,403	20.4%	3,335	9.2%	16,515	45.5%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	3,122	2.5%	6,189	5.0%	18,235	14.6%	27,569	22.1%	12,832	10.3%	56,833	45.5%
Two	221,729	8,941	4.0%	19,490	8.8%	55,072	24.8%	42,959	19.4%	13,587	6.1%	81,680	36.8%
Three	60,069	2,792	4.6%	7,505	12.5%	18,016	30.0%	9,675	16.1%	2,285	3.8%	19,796	33.0%
Four	48,897	4,130	8.4%	6,128	12.5%	16,901	34.6%	5,965	12.2%	1,273	2.6%	14,501	29.7%
Five +	29,337	3,590	12.2%	4,512	15.4%	8,240	28.1%	3,184	10.9%	825	2.8%	8,984	30.6%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	4,871	8.2%	3,168	5.3%	9,129	15.3%	9,228	15.5%	3,771	6.3%	29,313	49.3%
\$25,000 - \$49,999	137,082	4,661	3.4%	10,351	7.6%	26,537	19.4%	23,013	16.8%	10,564	7.7%	61,956	45.2%
\$50,000 - \$74,999	123,824	5,139	4.2%	10,553	8.5%	29,633	23.9%	23,718	19.2%	8,222	6.6%	46,559	37.6%
\$75,000 - \$99,999	66,780	2,994	4.5%	7,891	11.8%	20,194	30.2%	12,441	18.6%	2,998	4.5%	20,261	30.3%
\$100,000 +	97,644	4,910	5.0%	11,861	12.1%	30,970	31.7%	20,951	21.5%	5,247	5.4%	23,705	24.3%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	9,142	5.8%	12,657	8.0%	28,808	18.1%	24,073	15.1%	10,459	6.6%	73,849	46.4%
No	325,824	13,433	4.1%	31,167	9.6%	87,655	26.9%	65,279	20.0%	20,344	6.2%	107,946	33.1%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	5,193	10.1%	4,296	8.4%	10,226	19.9%	8,003	15.6%	2,661	5.2%	21,051	40.9%
No	409,630	16,403	4.0%	38,020	9.3%	102,012	24.9%	78,098	19.1%	26,796	6.5%	148,302	36.2%
Undeclared	23,751	980	4.1%	1,508	6.4%	4,225	17.8%	3,251	13.7%	1,345	5.7%	12,441	52.4%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	2,183	14.1%	1,063	6.9%	2,152	13.9%	1,921	12.4%	777	5.0%	7,360	47.6%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	18,177	4.1%	40,365	9.2%	107,452	24.5%	81,921	18.6%	27,617	6.3%	163,807	37.3%
Satisfactory	22,395	1,900	8.5%	1,786	8.0%	4,137	18.5%	4,278	19.1%	1,672	7.5%	8,622	38.5%
Poor	23,077	2,498	10.8%	1,673	7.3%	4,874	21.1%	3,152	13.7%	1,514	6.6%	9,366	40.6%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	17,452	4.3%	38,813	9.6%	104,224	25.8%	73,546	18.2%	23,553	5.8%	146,729	36.3%
Rent / Other	80,495	5,123	6.4%	5,011	6.2%	12,240	15.2%	15,806	19.6%	7,249	9.0%	35,065	43.6%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.11  
HOW DO YOU THINK MANITOBA HYDRO'S RATES COMPARE TO OTHER PROVINCES OR STATES**

	RATES ARE A LOT HIGHER			RATES ARE A LITTLE HIGHER		RATES ARE ABOUT THE SAME		RATES ARE A LITTLE LOWER		RATES ARE A LOT LOWER		DO NOT KNOW	
	TOTAL	HIGHER	%	HIGHER	%	SAME	%	LOWER	%	LOWER	%	KNOW	%
<b>OVERALL</b>	484,811	29,579	6.1%	29,128	6.0%	25,062	5.2%	60,856	12.6%	26,572	5.5%	313,615	64.7%
<b>FUEL AREA</b>													
Winnipeg City	261,760	12,521	4.8%	15,426	5.9%	13,488	5.2%	37,373	14.3%	17,779	6.8%	165,173	63.1%
Gas Available	140,021	8,181	5.8%	9,377	6.7%	7,442	5.3%	14,053	10.0%	6,331	4.5%	94,636	67.6%
No Gas Available	83,030	8,876	10.7%	4,324	5.2%	4,133	5.0%	9,430	11.4%	2,462	3.0%	53,805	64.8%
<b>DWELLING TYPE</b>													
Single Detached	373,568	22,545	6.0%	23,246	6.2%	20,303	5.4%	50,322	13.5%	19,578	5.2%	237,575	63.6%
Multi Attached	46,834	4,113	8.8%	3,104	6.6%	2,056	4.4%	5,370	11.5%	2,044	4.4%	30,146	64.4%
Apartment Suite	64,409	2,921	4.5%	2,777	4.3%	2,703	4.2%	5,164	8.0%	4,950	7.7%	45,893	71.3%
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	2,854	7.6%	3,459	9.2%	2,524	6.7%	4,562	12.1%	1,407	3.7%	22,839	60.7%
1990-2009	89,181	4,858	5.4%	5,140	5.8%	4,936	5.5%	10,628	11.9%	4,742	5.3%	58,878	66.0%
1970-1989	161,749	10,766	6.7%	11,014	6.8%	8,218	5.1%	19,640	12.1%	7,635	4.7%	104,475	64.6%
1950-1969	110,314	5,384	4.9%	5,204	4.7%	5,626	5.1%	14,982	13.6%	6,772	6.1%	72,347	65.6%
Pre 1950	85,922	5,717	6.7%	4,312	5.0%	3,759	4.4%	11,043	12.9%	6,016	7.0%	55,075	64.1%
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	14,847	7.7%	11,494	6.0%	9,588	5.0%	20,332	10.6%	6,826	3.6%	128,553	67.1%
Natural Gas Heat	249,938	11,846	4.7%	16,661	6.7%	13,977	5.6%	36,497	14.6%	15,266	6.1%	155,691	62.3%
Other Fuel	6,945	425	6.1%	0	0.0%	337	4.9%	675	9.7%	265	3.8%	5,243	75.5%
Shared (No Heat on Bill)	36,289	2,461	6.8%	973	2.7%	1,160	3.2%	3,352	9.2%	4,215	11.6%	24,128	66.5%
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	5,599	4.5%	6,580	5.3%	5,173	4.1%	11,326	9.1%	4,278	3.4%	91,824	73.6%
Two	221,729	14,195	6.4%	12,683	5.7%	11,184	5.0%	31,148	14.0%	13,481	6.1%	139,037	62.7%
Three	60,069	3,413	5.7%	4,499	7.5%	4,177	7.0%	7,991	13.3%	4,523	7.5%	35,465	59.0%
Four	48,897	3,500	7.2%	3,180	6.5%	2,557	5.2%	7,215	14.8%	3,168	6.5%	29,277	59.9%
Five +	29,337	2,871	9.8%	2,185	7.4%	1,971	6.7%	3,176	10.8%	1,121	3.8%	18,012	61.4%
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	6,188	10.4%	2,989	5.0%	1,702	2.9%	3,062	5.1%	1,129	1.9%	44,411	74.7%
\$25,000 - \$49,999	137,082	9,158	6.7%	8,788	6.4%	6,412	4.7%	10,596	7.7%	4,265	3.1%	97,862	71.4%
\$50,000 - \$74,999	123,824	5,436	4.4%	6,996	5.7%	6,506	5.3%	16,681	13.5%	6,907	5.6%	81,297	65.7%
\$75,000 - \$99,999	66,780	4,521	6.8%	5,071	7.6%	3,315	5.0%	10,364	15.5%	3,984	6.0%	39,525	59.2%
\$100,000 +	97,644	4,275	4.4%	5,283	5.4%	7,127	7.3%	20,153	20.6%	10,286	10.5%	50,520	51.7%
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	12,880	8.1%	10,078	6.3%	6,588	4.1%	10,300	6.5%	3,715	2.3%	115,427	72.6%
No	325,824	16,698	5.1%	19,050	5.8%	18,475	5.7%	50,556	15.5%	22,857	7.0%	198,188	60.8%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	6,106	11.9%	4,069	7.9%	1,930	3.8%	4,211	8.2%	2,243	4.4%	32,870	63.9%
No	409,630	21,584	5.3%	23,823	5.8%	21,721	5.3%	54,512	13.3%	23,131	5.6%	264,859	64.7%
Undeclared	23,751	1,889	8.0%	1,235	5.2%	1,411	5.9%	2,133	9.0%	1,198	5.0%	15,886	66.9%
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	3,085	20.0%	1,026	6.6%	373	2.4%	410	2.7%	155	1.0%	10,407	67.3%
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	24,159	5.5%	26,990	6.1%	23,522	5.4%	58,213	13.3%	24,670	5.6%	281,784	64.1%
Satisfactory	22,395	2,196	9.8%	1,207	5.4%	248	1.1%	1,529	6.8%	961	4.3%	16,254	72.6%
Poor	23,077	3,224	14.0%	930	4.0%	1,292	5.6%	1,114	4.8%	940	4.1%	15,577	67.5%
<b>DWELLING OWNERSHIP</b>													
Own	404,316	23,224	5.7%	25,302	6.3%	20,768	5.1%	56,029	13.9%	22,234	5.5%	256,759	63.5%
Rent / Other	80,495	6,355	7.9%	3,826	4.8%	4,294	5.3%	4,827	6.0%	4,338	5.4%	56,855	70.6%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.12**  
**WHAT DO YOU THINK MANITOBA HYDRO'S RESIDENTIAL ELECTRIC RATE PER KILO-WATT HOUR IS**

	IT IS THE SAME REGARDLESS OF THE AMOUNT OF ELECTRICITY USED EACH			IT INCREASES FOR ANY ELECTRICITY USED BEYOND A SPECIFIC AMOUNT FOR		IT DECREASES FOR ANY ELECTRICITY USED BEYOND A SPECIFIC AMOUNT FOR		DO NOT KNOW	
	TOTAL	MONTH	%	THAT MONTH	%	THAT MONTH	%		%
<b>OVERALL</b>	484,811	102,239	21.1%	54,467	11.2%	16,185	3.3%	311,920	64.3%
<b>FUEL AREA</b>									
Winnipeg City	261,760	53,662	20.5%	32,579	12.4%	6,281	2.4%	169,238	64.7%
Gas Available	140,021	29,973	21.4%	12,735	9.1%	6,963	5.0%	90,350	64.5%
No Gas Available	83,030	18,605	22.4%	9,153	11.0%	2,941	3.5%	52,332	63.0%
<b>DWELLING TYPE</b>									
Single Detached	373,568	85,105	22.8%	40,972	11.0%	13,574	3.6%	233,916	62.6%
Multi Attached	46,834	7,963	17.0%	5,414	11.6%	1,595	3.4%	31,861	68.0%
Apartment Suite	64,409	9,171	14.2%	8,081	12.5%	1,016	1.6%	46,142	71.6%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	8,220	21.8%	3,841	10.2%	952	2.5%	24,633	65.4%
1990-2009	89,181	19,251	21.6%	10,688	12.0%	3,849	4.3%	55,393	62.1%
1970-1989	161,749	33,673	20.8%	16,313	10.1%	5,969	3.7%	105,793	65.4%
1950-1969	110,314	20,840	18.9%	13,544	12.3%	2,732	2.5%	73,198	66.4%
Pre 1950	85,922	20,255	23.6%	10,081	11.7%	2,683	3.1%	52,903	61.6%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	40,412	21.1%	20,839	10.9%	7,870	4.1%	122,518	63.9%
Natural Gas Heat	249,938	55,286	22.1%	28,233	11.3%	7,919	3.2%	158,500	63.4%
Other Fuel	6,945	1,012	14.6%	602	8.7%	396	5.7%	4,934	71.0%
Shared (No Heat on Bill)	36,289	5,529	15.2%	4,792	13.2%	0	0.0%	25,968	71.6%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	20,374	16.3%	12,349	9.9%	2,689	2.2%	89,367	71.6%
Two	221,729	48,589	21.9%	24,532	11.1%	10,128	4.6%	138,480	62.5%
Three	60,069	14,761	24.6%	8,583	14.3%	1,721	2.9%	35,004	58.3%
Four	48,897	12,163	24.9%	6,431	13.2%	1,261	2.6%	29,041	59.4%
Five +	29,337	6,351	21.6%	2,572	8.8%	386	1.3%	20,028	68.3%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	6,108	10.3%	6,552	11.0%	1,563	2.6%	45,257	76.1%
\$25,000 - \$49,999	137,082	22,651	16.5%	16,642	12.1%	4,712	3.4%	93,077	67.9%
\$50,000 - \$74,999	123,824	25,877	20.9%	12,235	9.9%	5,269	4.3%	80,442	65.0%
\$75,000 - \$99,999	66,780	16,228	24.3%	8,203	12.3%	1,873	2.8%	40,475	60.6%
\$100,000 +	97,644	31,376	32.1%	10,834	11.1%	2,766	2.8%	52,668	53.9%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	20,343	12.8%	19,618	12.3%	4,614	2.9%	114,411	72.0%
No	325,824	81,896	25.1%	34,849	10.7%	11,570	3.6%	197,509	60.6%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	8,287	16.1%	5,867	11.4%	1,360	2.6%	35,916	69.8%
No	409,630	89,752	21.9%	45,979	11.2%	14,262	3.5%	259,638	63.4%
Undeclared	23,751	4,201	17.7%	2,622	11.0%	563	2.4%	16,366	68.9%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	1,498	9.7%	2,089	13.5%	442	2.9%	11,427	73.9%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	95,678	21.8%	49,148	11.2%	14,313	3.3%	280,199	63.8%
Satisfactory	22,395	3,162	14.1%	2,063	9.2%	1,245	5.6%	15,925	71.1%
Poor	23,077	3,399	14.7%	3,256	14.1%	627	2.7%	15,795	68.4%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	92,339	22.8%	44,217	10.9%	15,233	3.8%	252,528	62.5%
Rent / Other	80,495	9,901	12.3%	10,250	12.7%	952	1.2%	59,392	73.8%

**2017 RESIDENTIAL SURVEY SECTION 9 - BILLS AND RATES - REFERENCE TABLE 9.13**  
**WHAT DO YOU THINK ABOUT INCREASING RATES AFTER A CERTAIN LEVEL OF USAGE TO ENCOURAGE RESIDENTS TO DECREASE THEIR USAGE**

	I AGREE IT WOULD LOWER ENERGY USE AND I SUPPORT IT			I AGREE IT WOULD LOWER ENERGY USE BUT I DO NOT SUPPORT THIS IDEA		I DISAGREE IT WOULD LOWER ENERGY USE BUT I SUPPORT THIS IDEA		I DISAGREE IT WOULD LOWER ENERGY USE AND I DO NOT SUPPORT THIS IDEA		DO NOT KNOW	
	TOTAL		%		%		%		%		%
<b>OVERALL</b>	484,811	101,918	21.0%	67,446	13.9%	25,105	5.2%	149,617	30.9%	140,724	29.0%
<b>FUEL AREA</b>											
Winnipeg City	261,760	65,886	25.2%	34,682	13.2%	15,706	6.0%	72,832	27.8%	72,654	27.8%
Gas Available	140,021	23,772	17.0%	20,624	14.7%	6,366	4.5%	48,837	34.9%	40,422	28.9%
No Gas Available	83,030	12,260	14.8%	12,141	14.6%	3,033	3.7%	27,948	33.7%	27,649	33.3%
<b>DWELLING TYPE</b>											
Single Detached	373,568	72,546	19.4%	52,935	14.2%	18,626	5.0%	124,933	33.4%	104,527	28.0%
Multi Attached	46,834	10,724	22.9%	7,476	16.0%	1,803	3.8%	10,672	22.8%	16,159	34.5%
Apartment Suite	64,409	18,647	29.0%	7,035	10.9%	4,676	7.3%	14,012	21.8%	20,039	31.1%
<b>BUILDING CODE ERA</b>											
2010-2017	37,645	6,999	18.6%	5,108	13.6%	1,952	5.2%	12,001	31.9%	11,584	30.8%
1990-2009	89,181	18,847	21.1%	13,055	14.6%	3,666	4.1%	26,408	29.6%	27,205	30.5%
1970-1989	161,749	32,143	19.9%	21,852	13.5%	9,306	5.8%	51,089	31.6%	47,358	29.3%
1950-1969	110,314	22,645	20.5%	17,013	15.4%	6,251	5.7%	33,529	30.4%	30,876	28.0%
Pre 1950	85,922	21,284	24.8%	10,418	12.1%	3,929	4.6%	26,590	30.9%	23,701	27.6%
<b>SPACE HEAT FUEL</b>											
Electric Heat	191,639	31,416	16.4%	28,195	14.7%	8,926	4.7%	63,326	33.0%	59,775	31.2%
Natural Gas Heat	249,938	58,261	23.3%	34,423	13.8%	13,715	5.5%	76,951	30.8%	66,588	26.6%
Other Fuel	6,945	1,202	17.3%	734	10.6%	0	0.0%	1,350	19.4%	3,660	52.7%
Shared (No Heat on Bill)	36,289	11,038	30.4%	4,095	11.3%	2,464	6.8%	7,990	22.0%	10,702	29.5%
<b>PEOPLE PER HOUSEHOLD</b>											
One	124,779	28,087	22.5%	11,493	9.2%	6,979	5.6%	30,560	24.5%	47,661	38.2%
Two	221,729	46,479	21.0%	33,274	15.0%	11,328	5.1%	70,246	31.7%	60,401	27.2%
Three	60,069	10,386	17.3%	8,792	14.6%	3,699	6.2%	22,152	36.9%	15,041	25.0%
Four	48,897	12,265	25.1%	8,585	17.6%	2,122	4.3%	15,816	32.3%	10,109	20.7%
Five +	29,337	4,701	16.0%	5,302	18.1%	977	3.3%	10,844	37.0%	7,512	25.6%
<b>HOUSEHOLD INCOME</b>											
Less Than \$25,000	59,481	12,695	21.3%	6,039	10.2%	2,038	3.4%	11,120	18.7%	27,589	46.4%
\$25,000 - \$49,999	137,082	27,209	19.8%	16,996	12.4%	6,234	4.5%	39,880	29.1%	46,763	34.1%
\$50,000 - \$74,999	123,824	23,394	18.9%	18,657	15.1%	6,681	5.4%	42,524	34.3%	32,568	26.3%
\$75,000 - \$99,999	66,780	12,897	19.3%	10,754	16.1%	3,504	5.2%	23,362	35.0%	16,263	24.4%
\$100,000 +	97,644	25,722	26.3%	15,000	15.4%	6,648	6.8%	32,731	33.5%	17,542	18.0%
<b>WINNIPEG LICO-125 CLASS</b>											
Yes	158,987	32,821	20.6%	19,073	12.0%	6,594	4.1%	39,748	25.0%	60,750	38.2%
No	325,824	69,097	21.2%	48,373	14.8%	18,511	5.7%	109,870	33.7%	79,974	24.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>											
Yes	51,429	10,112	19.7%	5,934	11.5%	2,521	4.9%	15,007	29.2%	17,856	34.7%
No	409,630	88,955	21.7%	59,660	14.6%	22,189	5.4%	125,609	30.7%	113,216	27.6%
Undeclared	23,751	2,851	12.0%	1,852	7.8%	395	1.7%	9,002	37.9%	9,652	40.6%
<b>FIRST NATION ON RESERVE</b>											
FIRST NATION ON RESERVE	15,456	2,786	18.0%	1,479	9.6%	435	2.8%	3,058	19.8%	7,697	49.8%
<b>BILL PAYMENT RATING</b>											
Excellent	439,339	94,333	21.5%	60,437	13.8%	23,467	5.3%	136,631	31.1%	124,471	28.3%
Satisfactory	22,395	3,527	15.7%	3,044	13.6%	1,142	5.1%	6,209	27.7%	8,473	37.8%
Poor	23,077	4,058	17.6%	3,965	17.2%	497	2.2%	6,777	29.4%	7,780	33.7%
<b>DWELLING OWNERSHIP</b>											
Own	404,316	81,559	20.2%	57,465	14.2%	21,228	5.3%	131,613	32.6%	112,451	27.8%
Rent/ Other	80,495	20,359	25.3%	9,981	12.4%	3,877	4.8%	18,004	22.4%	28,273	35.1%

# **SECTION 10**

## **HOUSEHOLD DEMOGRAPHICS**

**2017 RESIDENTIAL SURVEY SECTION 10 - HOUSEHOLD DEMOGRAPHICS - REFERENCE TABLE 10.01  
PEOPLE PER HOUSEHOLD**

	AVERAGE											
	TOTAL	PPH	ONE	%	TWO	%	THREE	%	FOUR	%	FIVE +	%
<b>OVERALL</b>	484,811	2.3	124,779	25.7%	221,729	45.7%	60,069	12.4%	48,897	10.1%	29,337	6.1%
<b>FUEL AREA</b>												
Winnipeg City	261,760	2.3	74,051	28.3%	109,356	41.8%	36,643	14.0%	28,445	10.9%	13,265	5.1%
Gas Available	140,021	2.3	30,909	22.1%	71,935	51.4%	15,303	10.9%	13,224	9.4%	8,649	6.2%
No Gas Available	83,030	2.4	19,819	23.9%	40,438	48.7%	8,123	9.8%	7,228	8.7%	7,422	8.9%
<b>DWELLING TYPE</b>												
Single Detached	373,568	2.4	76,744	20.5%	175,943	47.1%	49,546	13.3%	44,378	11.9%	26,956	7.2%
Multi Attached	46,834	2.2	14,238	30.4%	20,073	42.9%	6,876	14.7%	3,701	7.9%	1,947	4.2%
Apartment Suite	64,409	1.6	33,798	52.5%	25,714	39.9%	3,647	5.7%	817	1.3%	434	0.7%
<b>BUILDING CODE ERA</b>												
2010-2017	37,645	2.7	7,200	19.1%	15,292	40.6%	4,353	11.6%	6,358	16.9%	4,442	11.8%
1990-2009	89,181	2.5	15,114	16.9%	44,621	50.0%	12,452	14.0%	10,332	11.6%	6,663	7.5%
1970-1989	161,749	2.2	42,430	26.2%	77,892	48.2%	19,887	12.3%	13,715	8.5%	7,825	4.8%
1950-1969	110,314	2.2	29,579	26.8%	51,602	46.8%	13,823	12.5%	9,747	8.8%	5,563	5.0%
Pre 1950	85,922	2.2	30,457	35.4%	32,322	37.6%	9,555	11.1%	8,744	10.2%	4,845	5.6%
<b>SPACE HEAT FUEL</b>												
Electric Heat	191,639	2.2	52,102	27.2%	92,279	48.2%	19,704	10.3%	13,680	7.1%	13,873	7.2%
Natural Gas Heat	249,938	2.4	49,489	19.8%	114,446	45.8%	37,305	14.9%	33,931	13.6%	14,768	5.9%
Other Fuel	6,945	2.2	2,769	39.9%	1,905	27.4%	1,012	14.6%	996	14.3%	262	3.8%
Shared (No Heat on Bill)	36,289	1.6	20,419	56.3%	13,099	36.1%	2,048	5.6%	290	0.8%	434	1.2%
<b>PEOPLE PER HOUSEHOLD</b>												
One	124,779	1.0	124,779	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Two	221,729	2.0	0	0.0%	221,729	100.0%	0	0.0%	0	0.0%	0	0.0%
Three	60,069	3.0	0	0.0%	0	0.0%	60,069	100.0%	0	0.0%	0	0.0%
Four	48,897	4.0	0	0.0%	0	0.0%	0	0.0%	48,897	100.0%	0	0.0%
Five +	29,337	5.6	0	0.0%	0	0.0%	0	0.0%	0	0.0%	29,337	100.0%
<b>HOUSEHOLD INCOME</b>												
Less Than \$25,000	59,481	1.8	33,467	56.3%	16,048	27.0%	4,134	7.0%	2,389	4.0%	3,442	5.8%
\$25,000 - \$49,999	137,082	1.9	51,484	37.6%	65,113	47.5%	11,252	8.2%	4,889	3.6%	4,344	3.2%
\$50,000 - \$74,999	123,824	2.3	27,476	22.2%	64,860	52.4%	13,241	10.7%	10,414	8.4%	7,833	6.3%
\$75,000 - \$99,999	66,780	2.6	6,372	9.5%	35,494	53.2%	10,440	15.6%	9,473	14.2%	5,000	7.5%
\$100,000 +	97,644	2.9	5,979	6.1%	40,213	41.2%	21,002	21.5%	21,732	22.3%	8,718	8.9%
<b>WINNIPEG LICO-125 CLASS</b>												
Yes	158,987	2.2	60,381	38.0%	57,007	35.9%	15,386	9.7%	11,022	6.9%	15,190	9.6%
No	325,824	2.3	64,399	19.8%	164,722	50.6%	44,683	13.7%	37,875	11.6%	14,146	4.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>												
Yes	51,429	2.8	8,961	17.4%	20,631	40.1%	6,294	12.2%	7,691	15.0%	7,852	15.3%
No	409,630	2.2	109,620	26.8%	190,572	46.5%	50,163	12.2%	39,186	9.6%	20,090	4.9%
Undeclared	23,751	2.3	6,199	26.1%	10,526	44.3%	3,612	15.2%	2,020	8.5%	1,395	5.9%
<b>FIRST NATION ON RESERVE</b>												
FIRST NATION ON RESERVE	15,456	3.4	2,532	16.4%	4,083	26.4%	2,244	14.5%	2,281	14.8%	4,316	27.9%
<b>BILL PAYMENT RATING</b>												
Excellent	439,339	2.2	114,405	26.0%	207,270	47.2%	53,455	12.2%	41,545	9.5%	22,664	5.2%
Satisfactory	22,395	2.5	5,898	26.3%	7,883	35.2%	2,855	12.7%	3,461	15.5%	2,298	10.3%
Poor	23,077	3.0	4,477	19.4%	6,576	28.5%	3,760	16.3%	3,890	16.9%	4,374	19.0%
<b>DWELLING OWNERSHIP</b>												
Own	404,316	2.3	89,992	22.3%	194,283	48.1%	53,067	13.1%	43,591	10.8%	23,383	5.8%
Rent / Other	80,495	2.1	34,787	43.2%	27,446	34.1%	7,003	8.7%	5,305	6.6%	5,954	7.4%

**2017 RESIDENTIAL SURVEY SECTION 10 - HOUSEHOLD DEMOGRAPHICS - REFERENCE TABLE 10.02**

**DO YOU IDENTIFY YOURSELF AS AN INDIGENOUS PERSON**

	TOTAL			FIRST NATION WITH SECURE CERTIFICATE OF INDIAN STATUS		FIRST NATION WITH NO SECURE CERTIFICATE OF INDIAN STATUS		METIS WITH METIS CITIZENSHIP CARD		METIS WITH NO METIS CITIZENSHIP CARD		INUIT WITH SECURE CERTIFICATE OF INDIAN STATUS		INUIT WITH NO SECURE CERTIFICATE OF INDIAN STATUS		CHOOSE NOT TO ANSWER	
	NO	%		%	%	%	%	%	%	%	%	%	%	%	%	%	
<b>OVERALL</b>	484,811	409,630	84.5%	15,858	3.3%	6,975	1.4%	16,864	3.5%	11,417	2.4%	201	0.0%	115	0.0%	23,751	4.9%
<b>FUEL AREA</b>																	
Winnipeg City	261,760	231,125	88.3%	290	0.1%	3,393	1.3%	7,468	2.9%	5,855	2.2%	0	0.0%	115	0.0%	13,514	5.2%
Gas Available	140,021	123,161	88.0%	0	0.0%	1,115	0.8%	5,382	3.8%	3,142	2.2%	201	0.1%	0	0.0%	7,020	5.0%
No Gas Available	83,030	55,344	66.7%	15,568	18.7%	2,466	3.0%	4,014	4.8%	2,421	2.9%	0	0.0%	0	0.0%	3,218	3.9%
<b>DWELLING TYPE</b>																	
Single Detached	373,568	311,303	83.3%	14,690	3.9%	4,448	1.2%	13,778	3.7%	8,522	2.3%	201	0.1%	115	0.0%	20,512	5.5%
Multi Attached	46,834	39,674	84.7%	815	1.7%	1,494	3.2%	1,200	2.6%	1,915	4.1%	0	0.0%	0	0.0%	1,736	3.7%
Apartment Suite	64,409	58,653	91.1%	353	0.5%	1,033	1.6%	1,886	2.9%	980	1.5%	0	0.0%	0	0.0%	1,504	2.3%
<b>BUILDING CODE ERA</b>																	
2010-2017	37,645	31,746	84.3%	1,646	4.4%	143	0.4%	1,283	3.4%	901	2.4%	0	0.0%	0	0.0%	1,926	5.1%
1990-2009	89,181	71,849	80.6%	8,760	9.8%	906	1.0%	2,790	3.1%	1,400	1.6%	100	0.1%	0	0.0%	3,376	3.8%
1970-1989	161,749	137,229	84.8%	5,122	3.2%	1,345	0.8%	4,950	3.1%	4,262	2.6%	0	0.0%	115	0.1%	8,727	5.4%
1950-1969	110,314	96,286	87.3%	174	0.2%	2,890	2.6%	4,225	3.8%	1,613	1.5%	100	0.1%	0	0.0%	5,027	4.6%
Pre 1950	85,922	72,520	84.4%	155	0.2%	1,692	2.0%	3,615	4.2%	3,242	3.8%	0	0.0%	0	0.0%	4,697	5.5%
<b>SPACE HEAT FUEL</b>																	
Electric Heat	191,639	151,957	79.3%	14,980	7.8%	3,183	1.7%	7,717	4.0%	4,920	2.6%	201	0.1%	0	0.0%	8,681	4.5%
Natural Gas Heat	249,938	220,003	88.0%	0	0.0%	2,253	0.9%	7,939	3.2%	4,982	2.0%	0	0.0%	115	0.0%	14,646	5.9%
Other Fuel	6,945	5,059	72.8%	525	7.6%	262	3.8%	337	4.9%	337	4.9%	0	0.0%	0	0.0%	425	6.1%
Shared (No Heat on Bill)	36,289	32,612	89.9%	353	1.0%	1,276	3.5%	870	2.4%	1,178	3.2%	0	0.0%	0	0.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>																	
One	124,779	109,620	87.9%	2,532	2.0%	1,563	1.3%	2,371	1.9%	2,495	2.0%	0	0.0%	0	0.0%	6,199	5.0%
Two	221,729	190,572	85.9%	4,485	2.0%	2,956	1.3%	7,850	3.5%	5,240	2.4%	100	0.0%	0	0.0%	10,526	4.7%
Three	60,069	50,163	83.5%	2,244	3.7%	351	0.6%	1,623	2.7%	1,975	3.3%	100	0.2%	0	0.0%	3,612	6.0%
Four	48,897	39,186	80.1%	2,281	4.7%	1,357	2.8%	3,185	6.5%	868	1.8%	0	0.0%	0	0.0%	2,020	4.1%
Five +	29,337	20,090	68.5%	4,316	14.7%	747	2.5%	1,835	6.3%	840	2.9%	0	0.0%	115	0.4%	1,395	4.8%
<b>HOUSEHOLD INCOME</b>																	
Less Than \$25,000	59,481	43,731	73.5%	8,223	13.8%	1,717	2.9%	1,363	2.3%	2,003	3.4%	0	0.0%	0	0.0%	2,444	4.1%
\$25,000 - \$49,999	137,082	116,354	84.9%	4,395	3.2%	2,366	1.7%	4,124	3.0%	1,839	1.3%	0	0.0%	0	0.0%	8,005	5.8%
\$50,000 - \$74,999	123,824	104,884	84.7%	1,871	1.5%	1,431	1.2%	4,648	3.8%	3,985	3.2%	0	0.0%	0	0.0%	7,004	5.7%
\$75,000 - \$99,999	66,780	57,712	86.4%	933	1.4%	869	1.3%	2,839	4.3%	1,453	2.2%	201	0.3%	0	0.0%	2,774	4.2%
\$100,000 +	97,644	86,950	89.0%	435	0.4%	593	0.6%	3,889	4.0%	2,137	2.2%	0	0.0%	115	0.1%	3,525	3.6%
<b>WINNIPEG LICO-125 CLASS</b>																	
Yes	158,987	124,576	78.4%	13,059	8.2%	4,175	2.6%	4,439	2.8%	3,425	2.2%	0	0.0%	0	0.0%	9,313	5.9%
No	325,824	285,055	87.5%	2,798	0.9%	2,800	0.9%	12,425	3.8%	7,993	2.5%	201	0.1%	115	0.0%	14,438	4.4%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>																	
Yes	51,429	0	0.0%	15,858	30.8%	6,975	13.6%	16,864	32.8%	11,417	22.2%	201	0.4%	115	0.2%	0	0.0%
No	409,630	409,630	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Undeclared	23,751	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	23,751	100.0%
<b>FIRST NATION ON RESERVE</b>																	
FIRST NATION ON RESERVE	15,456	0	0.0%	15,456	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>BILL PAYMENT RATING</b>																	
Excellent	439,339	379,314	86.3%	6,949	1.6%	5,233	1.2%	15,158	3.5%	10,685	2.4%	201	0.0%	115	0.0%	21,684	4.9%
Satisfactory	22,395	16,582	74.0%	3,053	13.6%	488	2.2%	754	3.4%	417	1.9%	0	0.0%	0	0.0%	1,101	4.9%
Poor	23,077	13,735	59.5%	5,855	25.4%	1,254	5.4%	952	4.1%	315	1.4%	0	0.0%	0	0.0%	967	4.2%
<b>DWELLING OWNERSHIP</b>																	
Own	404,316	350,294	86.6%	4,514	1.1%	3,566	0.9%	15,046	3.7%	9,058	2.2%	201	0.0%	115	0.0%	21,522	5.3%
Rent / Other	80,495	59,337	73.7%	11,344	14.1%	3,409	4.2%	1,818	2.3%	2,359	2.9%	0	0.0%	0	0.0%	2,229	2.8%

**2017 RESIDENTIAL SURVEY SECTION 10 - HOUSEHOLD DEMOGRAPHICS - REFERENCE TABLE 10.03**  
**LANGUAGE OTHER THAN ENGLISH SPOKEN IN YOUR HOUSEHOLD**

	ENGLISH																
	TOTAL	ONLY	%	FRENCH	%	ANISHINAABE	%	CREE	%	DAKOTA	%	DENE	%	INUKTITUT	%	MICHIF	%
<b>OVERALL</b>	<b>484,811</b>	<b>351,392</b>	<b>72.5%</b>	<b>40,496</b>	<b>8.4%</b>	<b>6,347</b>	<b>1.3%</b>	<b>6,067</b>	<b>1.3%</b>	<b>187</b>	<b>0.0%</b>	<b>262</b>	<b>0.1%</b>	<b>0</b>	<b>0.0%</b>	<b>112</b>	<b>0.0%</b>
<b>FUEL AREA</b>																	
Winnipeg City	261,760	188,470	72.0%	24,200	9.2%	1,254	0.5%	115	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Gas Available	140,021	103,839	74.2%	10,994	7.9%	308	0.2%	103	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
No Gas Available	83,030	59,082	71.2%	5,302	6.4%	4,785	5.8%	5,850	7.0%	187	0.2%	262	0.3%	0	0.0%	112	0.1%
<b>DWELLING TYPE</b>																	
Single Detached	373,568	268,970	72.0%	31,888	8.5%	5,119	1.4%	5,665	1.5%	187	0.0%	262	0.1%	0	0.0%	112	0.0%
Multi Attached	46,834	33,729	72.0%	3,758	8.0%	358	0.8%	340	0.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Apartment Suite	64,409	48,693	75.6%	4,850	7.5%	870	1.4%	63	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>BUILDING CODE ERA</b>																	
2010-2017	37,645	24,353	64.7%	3,625	9.6%	549	1.5%	602	1.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
1990-2009	89,181	60,121	67.4%	7,778	8.7%	2,436	2.7%	3,401	3.8%	93	0.1%	131	0.1%	0	0.0%	112	0.1%
1970-1989	161,749	118,575	73.3%	13,570	8.4%	2,205	1.4%	1,673	1.0%	93	0.1%	131	0.1%	0	0.0%	0	0.0%
1950-1969	110,314	85,528	77.5%	7,006	6.4%	735	0.7%	276	0.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Pre 1950	85,922	62,815	73.1%	8,516	9.9%	422	0.5%	115	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>SPACE HEAT FUEL</b>																	
Electric Heat	191,639	140,892	73.5%	14,444	7.5%	4,785	2.5%	5,525	2.9%	187	0.1%	0	0.0%	0	0.0%	112	0.1%
Natural Gas Heat	249,938	177,885	71.2%	22,422	9.0%	691	0.3%	217	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Other Fuel	6,945	5,309	76.4%	131	1.9%	0	0.0%	262	3.8%	0	0.0%	262	3.8%	0	0.0%	0	0.0%
Shared (No Heat on Bill)	36,289	27,305	75.2%	3,498	9.6%	870	2.4%	63	0.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>PEOPLE PER HOUSEHOLD</b>																	
One	124,779	98,527	79.0%	7,585	6.1%	867	0.7%	778	0.6%	93	0.1%	131	0.1%	0	0.0%	112	0.1%
Two	221,729	163,955	73.9%	17,831	8.0%	2,387	1.1%	1,469	0.7%	0	0.0%	131	0.1%	0	0.0%	0	0.0%
Three	60,069	41,984	69.9%	5,208	8.7%	871	1.4%	560	0.9%	31	0.1%	0	0.0%	0	0.0%	0	0.0%
Four	48,897	31,664	64.8%	5,173	10.6%	979	2.0%	1,343	2.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Five +	29,337	15,263	52.0%	4,700	16.0%	1,243	4.2%	1,917	6.5%	62	0.2%	0	0.0%	0	0.0%	0	0.0%
<b>HOUSEHOLD INCOME</b>																	
Less Than \$25,000	59,481	40,912	68.8%	2,787	4.7%	2,972	5.0%	2,998	5.0%	155	0.3%	131	0.2%	0	0.0%	0	0.0%
\$25,000 - \$49,999	137,082	99,790	72.8%	7,588	5.5%	2,300	1.7%	1,606	1.2%	0	0.0%	131	0.1%	0	0.0%	112	0.1%
\$50,000 - \$74,999	123,824	91,282	73.7%	8,982	7.3%	631	0.5%	854	0.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
\$75,000 - \$99,999	66,780	47,321	70.9%	7,382	11.1%	155	0.2%	485	0.7%	31	0.0%	0	0.0%	0	0.0%	0	0.0%
\$100,000 +	97,644	72,086	73.8%	13,757	14.1%	289	0.3%	124	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>WINNIPEG LICO-125 CLASS</b>																	
Yes	158,987	107,894	67.9%	7,790	4.9%	5,272	3.3%	5,032	3.2%	155	0.1%	262	0.2%	0	0.0%	112	0.1%
No	325,824	243,498	74.7%	32,706	10.0%	1,075	0.3%	1,035	0.3%	31	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>																	
Yes	51,429	30,576	59.5%	5,661	11.0%	6,347	12.3%	6,067	11.8%	187	0.4%	262	0.5%	0	0.0%	112	0.2%
No	409,630	309,370	75.5%	33,684	8.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Undeclared	23,751	11,446	48.2%	1,151	4.8%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>FIRST NATION ON RESERVE</b>																	
FIRST NATION ON RESERVE	15,456	4,569	29.6%	62	0.4%	4,339	28.1%	5,222	33.8%	187	1.2%	262	1.7%	0	0.0%	0	0.0%
<b>BILL PAYMENT RATING</b>																	
Excellent	439,339	322,296	73.4%	37,075	8.4%	3,354	0.8%	2,352	0.5%	0	0.0%	131	0.0%	0	0.0%	112	0.0%
Satisfactory	22,395	14,810	66.1%	1,763	7.9%	991	4.4%	908	4.1%	31	0.1%	131	0.6%	0	0.0%	0	0.0%
Poor	23,077	14,285	61.9%	1,659	7.2%	2,002	8.7%	2,806	12.2%	155	0.7%	0	0.0%	0	0.0%	0	0.0%
<b>DWELLING OWNERSHIP</b>																	
Own	404,316	296,539	73.3%	35,098	8.7%	1,970	0.5%	1,756	0.4%	0	0.0%	0	0.0%	0	0.0%	112	0.0%
Rent / Other	80,495	54,853	68.1%	5,398	6.7%	4,377	5.4%	4,311	5.4%	187	0.2%	262	0.3%	0	0.0%	0	0.0%



**2017 RESIDENTIAL SURVEY SECTION 10 - HOUSEHOLD DEMOGRAPHICS - REFERENCE TABLE 10.03 (CONTINUED)**  
**LANGUAGE OTHER THAN ENGLISH SPOKEN IN YOUR HOUSEHOLD**

	TOTAL	OJI-CREE %	GERMAN %	TAGALOG %	UKRANIAN %	PUNJABI %	SPANISH %	MANDARIN %	POLISH %
<b>OVERALL</b>	484,811	280 0.1%	18,832 3.9%	10,482 2.2%	8,894 1.8%	2,426 0.5%	2,472 0.5%	2,137 0.4%	2,635 0.5%
<b>FUEL AREA</b>									
Winnipeg City	261,760	0 0.0%	5,602 2.1%	9,032 3.5%	4,146 1.6%	2,323 0.9%	1,659 0.6%	1,817 0.7%	1,876 0.7%
Gas Available	140,021	0 0.0%	11,444 8.2%	1,295 0.9%	3,297 2.4%	103 0.1%	590 0.4%	208 0.1%	760 0.5%
No Gas Available	83,030	280 0.3%	1,785 2.2%	155 0.2%	1,451 1.7%	0 0.0%	223 0.3%	112 0.1%	0 0.0%
<b>DWELLING TYPE</b>									
Single Detached	373,568	280 0.1%	14,889 4.0%	7,535 2.0%	7,607 2.0%	1,250 0.3%	1,846 0.5%	1,706 0.5%	2,127 0.6%
Multi Attached	46,834	0 0.0%	1,953 4.2%	1,285 2.7%	306 0.7%	723 1.5%	463 1.0%	105 0.2%	306 0.7%
Apartment Suite	64,409	0 0.0%	1,990 3.1%	1,662 2.6%	980 1.5%	453 0.7%	163 0.3%	326 0.5%	202 0.3%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	93 0.2%	2,309 6.1%	986 2.6%	100 0.3%	529 1.4%	103 0.3%	899 2.4%	0 0.0%
1990-2009	89,181	124 0.1%	5,691 6.4%	1,296 1.5%	1,616 1.8%	392 0.4%	492 0.6%	322 0.4%	714 0.8%
1970-1989	161,749	62 0.0%	4,874 3.0%	3,130 1.9%	3,611 2.2%	828 0.5%	823 0.5%	226 0.1%	1,233 0.8%
1950-1969	110,314	0 0.0%	3,227 2.9%	1,853 1.7%	2,230 2.0%	230 0.2%	840 0.8%	574 0.5%	459 0.4%
Pre 1950	85,922	0 0.0%	2,731 3.2%	3,218 3.7%	1,336 1.6%	447 0.5%	215 0.3%	115 0.1%	230 0.3%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	280 0.1%	8,207 4.3%	2,238 1.2%	3,698 1.9%	423 0.2%	771 0.4%	437 0.2%	555 0.3%
Natural Gas Heat	249,938	0 0.0%	9,611 3.8%	7,233 2.9%	4,906 2.0%	1,713 0.7%	1,701 0.7%	1,700 0.7%	2,081 0.8%
Other Fuel	6,945	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Shared (No Heat on Bill)	36,289	0 0.0%	1,014 2.8%	1,011 2.8%	290 0.8%	290 0.8%	0 0.0%	0 0.0%	0 0.0%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	31 0.0%	3,913 3.1%	698 0.6%	2,950 2.4%	217 0.2%	255 0.2%	278 0.2%	230 0.2%
Two	221,729	31 0.0%	10,784 4.9%	2,848 1.3%	5,077 2.3%	634 0.3%	584 0.3%	848 0.4%	1,490 0.7%
Three	60,069	0 0.0%	2,273 3.8%	1,972 3.3%	432 0.7%	661 1.1%	803 1.3%	230 0.4%	457 0.8%
Four	48,897	0 0.0%	900 1.8%	3,162 6.5%	332 0.7%	423 0.9%	574 1.2%	552 1.1%	344 0.7%
Five +	29,337	218 0.7%	962 3.3%	1,801 6.1%	103 0.3%	489 1.7%	257 0.9%	230 0.8%	115 0.4%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	93 0.2%	2,118 3.6%	912 1.5%	1,965 3.3%	529 0.9%	0 0.0%	230 0.4%	115 0.2%
\$25,000 - \$49,999	137,082	124 0.1%	6,619 4.8%	3,279 2.4%	2,846 2.1%	831 0.6%	736 0.5%	622 0.5%	1,068 0.8%
\$50,000 - \$74,999	123,824	0 0.0%	5,393 4.4%	2,971 2.4%	2,981 2.4%	290 0.2%	519 0.4%	459 0.4%	432 0.3%
\$75,000 - \$99,999	66,780	31 0.0%	2,097 3.1%	2,236 3.3%	571 0.9%	499 0.7%	484 0.7%	278 0.4%	676 1.0%
\$100,000 +	97,644	31 0.0%	2,604 2.7%	1,084 1.1%	532 0.5%	278 0.3%	733 0.8%	549 0.6%	344 0.4%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	218 0.1%	8,036 5.1%	4,708 3.0%	3,937 2.5%	1,474 0.9%	838 0.5%	966 0.6%	1,068 0.7%
No	325,824	62 0.0%	10,795 3.3%	5,773 1.8%	4,957 1.5%	951 0.3%	1,634 0.5%	1,171 0.4%	1,568 0.5%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	280 0.5%	115 0.2%	0 0.0%	103 0.2%	115 0.2%	0 0.0%	112 0.2%	0 0.0%
No	409,630	0 0.0%	18,042 4.4%	10,137 2.5%	8,245 2.0%	2,196 0.5%	2,472 0.6%	1,910 0.5%	2,481 0.6%
Undeclared	23,751	0 0.0%	675 2.8%	344 1.4%	546 2.3%	115 0.5%	0 0.0%	115 0.5%	154 0.6%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	280 1.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	62 0.0%	17,781 4.0%	9,501 2.2%	8,679 2.0%	1,825 0.4%	2,357 0.5%	2,022 0.5%	2,481 0.6%
Satisfactory	22,395	93 0.4%	738 3.3%	763 3.4%	215 1.0%	384 1.7%	115 0.5%	115 0.5%	0 0.0%
Poor	23,077	124 0.5%	312 1.4%	217 0.9%	0 0.0%	217 0.9%	0 0.0%	0 0.0%	154 0.7%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	62 0.0%	16,083 4.0%	8,744 2.2%	8,299 2.1%	1,876 0.5%	2,052 0.5%	2,137 0.5%	2,434 0.6%
Rent / Other	80,495	218 0.3%	2,749 3.4%	1,737 2.2%	595 0.7%	550 0.7%	420 0.5%	0 0.0%	202 0.3%

**2017 RESIDENTIAL SURVEY SECTION 10 - HOUSEHOLD DEMOGRAPHICS - REFERENCE TABLE 10.03 (CONTINUED)**  
**LANGUAGE OTHER THAN ENGLISH SPOKEN IN YOUR HOUSEHOLD**

	TOTAL	RUSSIAN	%	PORTUGUESE	%	ITALIAN	%	ARABIC	%	GREEK	%	OTHER	%	CHOOSE NOT TO ANSWER	%
<b>OVERALL</b>	<b>484,811</b>	<b>1,158</b>	<b>0.2%</b>	<b>1,898</b>	<b>0.4%</b>	<b>1,698</b>	<b>0.4%</b>	<b>392</b>	<b>0.1%</b>	<b>217</b>	<b>0.0%</b>	<b>10,374</b>	<b>2.1%</b>	<b>16,055</b>	<b>3.3%</b>
<b>FUEL AREA</b>															
Winnipeg City	261,760	1,058	0.4%	1,686	0.6%	1,698	0.6%	392	0.1%	115	0.0%	6,937	2.7%	9,380	3.6%
Gas Available	140,021	100	0.1%	100	0.1%	0	0.0%	0	0.0%	103	0.1%	2,399	1.7%	4,380	3.1%
No Gas Available	83,030	0	0.0%	112	0.1%	0	0.0%	0	0.0%	0	0.0%	1,038	1.2%	2,295	2.8%
<b>DWELLING TYPE</b>															
Single Detached	373,568	559	0.1%	1,589	0.4%	1,148	0.3%	230	0.1%	217	0.1%	7,302	2.0%	13,081	3.5%
Multi Attached	46,834	309	0.7%	309	0.7%	260	0.6%	0	0.0%	0	0.0%	924	2.0%	1,707	3.6%
Apartment Suite	64,409	290	0.5%	0	0.0%	290	0.5%	163	0.3%	0	0.0%	2,149	3.3%	1,267	2.0%
<b>BUILDING CODE ERA</b>															
2010-2017	37,645	100	0.3%	456	1.2%	0	0.0%	278	0.7%	0	0.0%	1,057	2.8%	1,605	4.3%
1990-2009	89,181	115	0.1%	445	0.5%	230	0.3%	0	0.0%	0	0.0%	1,343	1.5%	2,330	2.6%
1970-1989	161,749	269	0.2%	538	0.3%	1,124	0.7%	115	0.1%	115	0.1%	2,799	1.7%	5,754	3.6%
1950-1969	110,314	674	0.6%	230	0.2%	344	0.3%	0	0.0%	0	0.0%	2,572	2.3%	3,538	3.2%
Pre 1950	85,922	0	0.0%	230	0.3%	0	0.0%	0	0.0%	103	0.1%	2,603	3.0%	2,828	3.3%
<b>SPACE HEAT FUEL</b>															
Electric Heat	191,639	100	0.1%	212	0.1%	260	0.1%	163	0.1%	0	0.0%	2,201	1.1%	6,150	3.2%
Natural Gas Heat	249,938	768	0.3%	1,686	0.7%	1,148	0.5%	230	0.1%	217	0.1%	6,540	2.6%	9,190	3.7%
Other Fuel	6,945	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	556	8.0%	425	6.1%
Shared (No Heat on Bill)	36,289	290	0.8%	0	0.0%	290	0.8%	0	0.0%	0	0.0%	1,077	3.0%	290	0.8%
<b>PEOPLE PER HOUSEHOLD</b>															
One	124,779	0	0.0%	230	0.2%	344	0.3%	0	0.0%	103	0.1%	1,978	1.6%	5,459	4.4%
Two	221,729	674	0.3%	865	0.4%	719	0.3%	278	0.1%	0	0.0%	5,178	2.3%	5,947	2.7%
Three	60,069	269	0.4%	459	0.8%	520	0.9%	0	0.0%	115	0.2%	1,330	2.2%	1,896	3.2%
Four	48,897	115	0.2%	230	0.5%	115	0.2%	0	0.0%	0	0.0%	1,052	2.2%	1,940	4.0%
Five +	29,337	100	0.3%	115	0.4%	0	0.0%	115	0.4%	0	0.0%	836	2.9%	812	2.8%
<b>HOUSEHOLD INCOME</b>															
Less Than \$25,000	59,481	0	0.0%	115	0.2%	115	0.2%	0	0.0%	103	0.2%	1,736	2.9%	1,496	2.5%
\$25,000 - \$49,999	137,082	115	0.1%	764	0.6%	459	0.3%	0	0.0%	0	0.0%	3,084	2.3%	5,009	3.7%
\$50,000 - \$74,999	123,824	330	0.3%	230	0.2%	604	0.5%	0	0.0%	0	0.0%	2,695	2.2%	5,171	4.2%
\$75,000 - \$99,999	66,780	444	0.7%	330	0.5%	115	0.2%	115	0.2%	0	0.0%	1,033	1.5%	2,497	3.7%
\$100,000 +	97,644	269	0.3%	459	0.5%	405	0.4%	278	0.3%	115	0.1%	1,825	1.9%	1,881	1.9%
<b>WINNIPEG LICO-125 CLASS</b>															
Yes	158,987	215	0.1%	725	0.5%	459	0.3%	0	0.0%	103	0.1%	4,190	2.6%	5,533	3.5%
No	325,824	943	0.3%	1,173	0.4%	1,239	0.4%	392	0.1%	115	0.0%	6,184	1.9%	10,521	3.2%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>															
Yes	51,429	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	471	0.9%	1,024	2.0%
No	409,630	1,158	0.3%	1,671	0.4%	1,583	0.4%	392	0.1%	217	0.1%	9,094	2.2%	6,976	1.7%
Undeclared	23,751	0	0.0%	226	1.0%	115	0.5%	0	0.0%	0	0.0%	809	3.4%	8,055	33.9%
<b>FIRST NATION ON RESERVE</b>															
FIRST NATION ON RESERVE	15,456	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	256	1.7%	280	1.8%
<b>BILL PAYMENT RATING</b>															
Excellent	439,339	1,158	0.3%	1,797	0.4%	1,583	0.4%	392	0.1%	217	0.0%	9,748	2.2%	14,415	3.3%
Satisfactory	22,395	0	0.0%	100	0.4%	115	0.5%	0	0.0%	0	0.0%	512	2.3%	610	2.7%
Poor	23,077	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	115	0.5%	1,029	4.5%
<b>DWELLING OWNERSHIP</b>															
Own	404,316	868	0.2%	1,898	0.5%	1,407	0.3%	230	0.1%	217	0.1%	8,278	2.0%	14,257	3.5%
Rent / Other	80,495	290	0.4%	0	0.0%	290	0.4%	163	0.2%	0	0.0%	2,096	2.6%	1,798	2.2%

**2017 RESIDENTIAL SURVEY SECTION 10 - HOUSEHOLD DEMOGRAPHICS - REFERENCE TABLE 10.04**

**TOTAL ANNUAL HOUSEHOLD INCOME**

	TOTAL	AVERAGE INCOME	UNDER \$25,000	%	\$25,000 - \$49,999	%	\$50,000 - \$74,999	%	\$75,000 - \$99,999	%	\$100,000 & OVER	%
<b>OVERALL</b>	484,811	\$76,815	59,481	12.3%	137,082	28.3%	123,824	25.5%	66,780	13.8%	97,644	20.1%
<b>FUEL AREA</b>												
Winnipeg City	261,760	\$83,385	23,913	9.1%	71,825	27.4%	67,658	25.8%	35,872	13.7%	62,492	23.9%
Gas Available	140,021	\$74,574	17,367	12.4%	38,590	27.6%	37,608	26.9%	20,559	14.7%	25,898	18.5%
No Gas Available	83,030	\$59,879	18,201	21.9%	26,667	32.1%	18,558	22.4%	10,349	12.5%	9,254	11.1%
<b>DWELLING TYPE</b>												
Single Detached	373,568	\$82,407	37,111	9.9%	98,611	26.4%	94,735	25.4%	57,836	15.5%	85,274	22.8%
Multi Attached	46,834	\$64,168	8,235	17.6%	13,926	29.7%	14,544	31.1%	3,401	7.3%	6,728	14.4%
Apartment Suite	64,409	\$53,575	14,134	21.9%	24,545	38.1%	14,545	22.6%	5,543	8.6%	5,641	8.8%
<b>BUILDING CODE ERA</b>												
2010-2017	37,645	\$99,822	3,216	8.5%	7,077	18.8%	9,360	24.9%	7,124	18.9%	10,868	28.9%
1990-2009	89,181	\$88,656	9,280	10.4%	20,475	23.0%	22,179	24.9%	14,321	16.1%	22,926	25.7%
1970-1989	161,749	\$71,107	19,390	12.0%	50,471	31.2%	41,451	25.6%	22,062	13.6%	28,375	17.5%
1950-1969	110,314	\$71,914	12,974	11.8%	33,633	30.5%	31,227	28.3%	13,166	11.9%	19,314	17.5%
Pre 1950	85,922	\$71,479	14,620	17.0%	25,427	29.6%	19,606	22.8%	10,107	11.8%	16,161	18.8%
<b>SPACE HEAT FUEL</b>												
Electric Heat	191,639	\$63,800	31,151	16.3%	64,229	33.5%	46,938	24.5%	24,794	12.9%	24,527	12.8%
Natural Gas Heat	249,938	\$90,111	15,766	6.3%	61,104	24.4%	66,076	26.4%	39,427	15.8%	67,564	27.0%
Other Fuel	6,945	\$57,568	3,544	51.0%	469	6.7%	1,524	21.9%	675	9.7%	734	10.6%
Shared (No Heat on Bill)	36,289	\$57,650	9,019	24.9%	11,281	31.1%	9,286	25.6%	1,884	5.2%	4,820	13.3%
<b>PEOPLE PER HOUSEHOLD</b>												
One	124,779	\$45,523	33,467	26.8%	51,484	41.3%	27,476	22.0%	6,372	5.1%	5,979	4.8%
Two	221,729	\$74,896	16,048	7.2%	65,113	29.4%	64,860	29.3%	35,494	16.0%	40,213	18.1%
Three	60,069	\$102,092	4,134	6.9%	11,252	18.7%	13,241	22.0%	10,440	17.4%	21,002	35.0%
Four	48,897	\$124,607	2,389	4.9%	4,889	10.0%	10,414	21.3%	9,473	19.4%	21,732	44.4%
Five +	29,337	\$92,997	3,442	11.7%	4,344	14.8%	7,833	26.7%	5,000	17.0%	8,718	29.7%
<b>HOUSEHOLD INCOME</b>												
Less Than \$25,000	59,481	\$20,077	59,481	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
\$25,000 - \$49,999	137,082	\$36,975	0	0.0%	137,082	100.0%	0	0.0%	0	0.0%	0	0.0%
\$50,000 - \$74,999	123,824	\$61,043	0	0.0%	0	0.0%	123,824	100.0%	0	0.0%	0	0.0%
\$75,000 - \$99,999	66,780	\$86,279	0	0.0%	0	0.0%	0	0.0%	66,780	100.0%	0	0.0%
\$100,000 +	97,644	\$180,836	0	0.0%	0	0.0%	0	0.0%	0	0.0%	97,644	100.0%
<b>WINNIPEG LICO-125 CLASS</b>												
Yes	158,987	\$30,231	59,481	37.4%	88,357	55.6%	10,450	6.6%	699	0.4%	0	0.0%
No	325,824	\$99,545	0	0.0%	48,726	15.0%	113,374	34.8%	66,081	20.3%	97,644	30.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>												
Yes	51,429	\$61,566	13,306	25.9%	12,724	24.7%	11,936	23.2%	6,294	12.2%	7,169	13.9%
No	409,630	\$79,034	43,731	10.7%	116,354	28.4%	104,884	25.6%	57,712	14.1%	86,950	21.2%
Undeclared	23,751	\$71,555	2,444	10.3%	8,005	33.7%	7,004	29.5%	2,774	11.7%	3,525	14.8%
<b>FIRST NATION ON RESERVE</b>												
FIRST NATION ON RESERVE	15,456	\$36,363	7,933	51.3%	4,284	27.7%	1,871	12.1%	933	6.0%	435	2.8%
<b>BILL PAYMENT RATING</b>												
Excellent	439,339	\$78,158	47,223	10.7%	125,852	28.6%	114,347	26.0%	61,453	14.0%	90,465	20.6%
Satisfactory	22,395	\$72,060	5,234	23.4%	4,396	19.6%	5,438	24.3%	2,670	11.9%	4,657	20.8%
Poor	23,077	\$55,851	7,024	30.4%	6,834	29.6%	4,039	17.5%	2,657	11.5%	2,522	10.9%
<b>DWELLING OWNERSHIP</b>												
Own	404,316	\$82,715	33,631	8.3%	110,628	27.4%	107,034	26.5%	61,103	15.1%	91,921	22.7%
Rent / Other	80,495	\$47,180	25,850	32.1%	26,455	32.9%	16,790	20.9%	5,677	7.1%	5,723	7.1%

**2017 RESIDENTIAL SURVEY SECTION 10 - HOUSEHOLD DEMOGRAPHICS - REFERENCE TABLE 10.05  
HIGHEST EDUCATION LEVEL ATTAINED BY HEAD(S) OF HOUSEHOLD**

	HIGH SCHOOL OR LESS			NON-UNIVERSITY		UNIVERSITY		CHOOSE NOT TO ANSWER	
	TOTAL		%		%		%		%
<b>OVERALL</b>	<b>484,811</b>	127,666	26.3%	129,414	26.7%	166,231	34.3%	61,499	12.7%
<b>FUEL AREA</b>									
Winnipeg City	261,760	54,213	20.7%	63,248	24.2%	111,668	42.7%	32,630	12.5%
Gas Available	140,021	45,482	32.5%	41,563	29.7%	35,676	25.5%	17,301	12.4%
No Gas Available	83,030	27,971	33.7%	24,604	29.6%	18,887	22.7%	11,568	13.9%
<b>DWELLING TYPE</b>									
Single Detached	373,568	98,718	26.4%	103,163	27.6%	124,063	33.2%	47,624	12.7%
Multi Attached	46,834	12,194	26.0%	13,879	29.6%	15,285	32.6%	5,476	11.7%
Apartment Suite	64,409	16,754	26.0%	12,372	19.2%	26,884	41.7%	8,399	13.0%
<b>BUILDING CODE ERA</b>									
2010-2017	37,645	5,898	15.7%	10,285	27.3%	17,448	46.3%	4,015	10.7%
1990-2009	89,181	22,397	25.1%	20,610	23.1%	33,843	37.9%	12,331	13.8%
1970-1989	161,749	45,468	28.1%	45,164	27.9%	48,709	30.1%	22,408	13.9%
1950-1969	110,314	30,052	27.2%	30,533	27.7%	36,613	33.2%	13,117	11.9%
Pre 1950	85,922	23,852	27.8%	22,823	26.6%	29,618	34.5%	9,629	11.2%
<b>SPACE HEAT FUEL</b>									
Electric Heat	191,639	59,379	31.0%	55,464	28.9%	49,932	26.1%	26,864	14.0%
Natural Gas Heat	249,938	54,666	21.9%	66,863	26.8%	98,405	39.4%	30,004	12.0%
Other Fuel	6,945	3,619	52.1%	1,274	18.4%	1,158	16.7%	893	12.9%
Shared (No Heat on Bill)	36,289	10,002	27.6%	5,813	16.0%	16,737	46.1%	3,737	10.3%
<b>PEOPLE PER HOUSEHOLD</b>									
One	124,779	41,118	33.0%	30,877	24.7%	34,328	27.5%	18,456	14.8%
Two	221,729	58,390	26.3%	60,400	27.2%	73,730	33.3%	29,209	13.2%
Three	60,069	12,637	21.0%	16,678	27.8%	23,809	39.6%	6,945	11.6%
Four	48,897	8,975	18.4%	12,961	26.5%	22,916	46.9%	4,044	8.3%
Five +	29,337	6,545	22.3%	8,499	29.0%	11,448	39.0%	2,844	9.7%
<b>HOUSEHOLD INCOME</b>									
Less Than \$25,000	59,481	31,070	52.2%	12,691	21.3%	6,749	11.3%	8,971	15.1%
\$25,000 - \$49,999	137,082	49,554	36.1%	37,622	27.4%	25,406	18.5%	24,500	17.9%
\$50,000 - \$74,999	123,824	27,320	22.1%	38,833	31.4%	42,165	34.1%	15,506	12.5%
\$75,000 - \$99,999	66,780	10,874	16.3%	20,781	31.1%	28,184	42.2%	6,941	10.4%
\$100,000 +	97,644	8,848	9.1%	19,487	20.0%	63,728	65.3%	5,581	5.7%
<b>WINNIPEG LICO-125 CLASS</b>									
Yes	158,987	69,256	43.6%	37,125	23.4%	24,700	15.5%	27,906	17.6%
No	325,824	58,410	17.9%	92,290	28.3%	141,531	43.4%	33,593	10.3%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>									
Yes	51,429	16,056	31.2%	16,456	32.0%	12,850	25.0%	6,068	11.8%
No	409,630	107,941	26.4%	109,419	26.7%	148,661	36.3%	43,609	10.6%
Undeclared	23,751	3,669	15.4%	3,540	14.9%	4,720	19.9%	11,822	49.8%
<b>FIRST NATION ON RESERVE</b>									
FIRST NATION ON RESERVE	15,456	5,178	33.5%	4,279	27.7%	2,680	17.3%	3,320	21.5%
<b>BILL PAYMENT RATING</b>									
Excellent	439,339	113,357	25.8%	114,859	26.1%	155,815	35.5%	55,308	12.6%
Satisfactory	22,395	6,452	28.8%	7,600	33.9%	5,221	23.3%	3,122	13.9%
Poor	23,077	7,857	34.0%	6,955	30.1%	5,195	22.5%	3,070	13.3%
<b>DWELLING OWNERSHIP</b>									
Own	404,316	103,604	25.6%	109,382	27.1%	141,410	35.0%	49,920	12.3%
Rent / Other	80,495	24,063	29.9%	20,033	24.9%	24,821	30.8%	11,579	14.4%

**2017 RESIDENTIAL SURVEY SECTION 10 - HOUSEHOLD DEMOGRAPHICS - REFERENCE TABLE 10.06  
WINNIPEG LICO-125 CLASSIFICATION**

	TOTAL	YES LICO	%	NOT LICO	%
<b>OVERALL</b>	<b>484,811</b>	<b>158,987</b>	<b>32.8%</b>	<b>325,824</b>	<b>67.2%</b>
<b>FUEL AREA</b>					
Winnipeg City	261,760	73,323	28.0%	188,437	72.0%
Gas Available	140,021	45,966	32.8%	94,055	67.2%
No Gas Available	83,030	39,698	47.8%	43,332	52.2%
<b>DWELLING TYPE</b>					
Single Detached	373,568	112,000	30.0%	261,568	70.0%
Multi Attached	46,834	18,431	39.4%	28,403	60.6%
Apartment Suite	64,409	28,555	44.3%	35,854	55.7%
<b>BUILDING CODE ERA</b>					
2010-2017	37,645	9,326	24.8%	28,319	75.2%
1990-2009	89,181	24,801	27.8%	64,380	72.2%
1970-1989	161,749	55,411	34.3%	106,337	65.7%
1950-1969	110,314	36,356	33.0%	73,959	67.0%
Pre 1950	85,922	33,093	38.5%	52,829	61.5%
<b>SPACE HEAT FUEL</b>					
Electric Heat	191,639	78,001	40.7%	113,638	59.3%
Natural Gas Heat	249,938	60,742	24.3%	189,196	75.7%
Other Fuel	6,945	4,013	57.8%	2,932	42.2%
Shared (No Heat on Bill)	36,289	16,231	44.7%	20,058	55.3%
<b>PEOPLE PER HOUSEHOLD</b>					
One	124,779	60,381	48.4%	64,399	51.6%
Two	221,729	57,007	25.7%	164,722	74.3%
Three	60,069	15,386	25.6%	44,683	74.4%
Four	48,897	11,022	22.5%	37,875	77.5%
Five +	29,337	15,190	51.8%	14,146	48.2%
<b>HOUSEHOLD INCOME</b>					
Less Than \$25,000	59,481	59,481	100.0%	0	0.0%
\$25,000 - \$49,999	137,082	88,357	64.5%	48,726	35.5%
\$50,000 - \$74,999	123,824	10,450	8.4%	113,374	91.6%
\$75,000 - \$99,999	66,780	699	1.0%	66,081	99.0%
\$100,000 +	97,644	0	0.0%	97,644	100.0%
<b>WINNIPEG LICO-125 CLASS</b>					
Yes	158,987	158,987	100.0%	0	0.0%
No	325,824	0	0.0%	325,824	100.0%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>					
Yes	51,429	25,098	48.8%	26,331	51.2%
No	409,630	124,576	30.4%	285,055	69.6%
Undeclared	23,751	9,313	39.2%	14,438	60.8%
<b>FIRST NATION ON RESERVE</b>					
FIRST NATION ON RESERVE	15,456	12,658	81.9%	2,798	18.1%
<b>BILL PAYMENT RATING</b>					
Excellent	439,339	136,054	31.0%	303,285	69.0%
Satisfactory	22,395	9,869	44.1%	12,526	55.9%
Poor	23,077	13,063	56.6%	10,014	43.4%
<b>DWELLING OWNERSHIP</b>					
Own	404,316	114,589	28.3%	289,727	71.7%
Rent / Other	80,495	44,398	55.2%	36,097	44.8%

**2017 RESIDENTIAL SURVEY SECTION 10 - HOUSEHOLD DEMOGRAPHICS - REFERENCE TABLE 10.07  
BILL PAYMENT RATING**

	TOTAL	EXCELLENT	%	SATISFACTORY	%	POOR	%
<b>OVERALL</b>	<b>484,811</b>	<b>439,339</b>	<b>90.6%</b>	<b>22,395</b>	<b>4.6%</b>	<b>23,077</b>	<b>4.8%</b>
<b>FUEL AREA</b>							
Winnipeg City	261,760	242,708	92.7%	10,327	3.9%	8,725	3.3%
Gas Available	140,021	129,289	92.3%	6,000	4.3%	4,731	3.4%
No Gas Available	83,030	67,341	81.1%	6,068	7.3%	9,621	11.6%
<b>DWELLING TYPE</b>							
Single Detached	373,568	338,926	90.7%	17,808	4.8%	16,834	4.5%
Multi Attached	46,834	42,306	90.3%	2,212	4.7%	2,317	4.9%
Apartment Suite	64,409	58,107	90.2%	2,375	3.7%	3,927	6.1%
<b>BUILDING CODE ERA</b>							
2010-2017	37,645	33,864	90.0%	1,897	5.0%	1,885	5.0%
1990-2009	89,181	79,485	89.1%	4,645	5.2%	5,051	5.7%
1970-1989	161,749	148,787	92.0%	6,560	4.1%	6,402	4.0%
1950-1969	110,314	101,074	91.6%	4,441	4.0%	4,800	4.4%
Pre 1950	85,922	76,130	88.6%	4,853	5.6%	4,939	5.7%
<b>SPACE HEAT FUEL</b>							
Electric Heat	191,639	167,896	87.6%	10,533	5.5%	13,210	6.9%
Natural Gas Heat	249,938	234,030	93.6%	10,012	4.0%	5,896	2.4%
Other Fuel	6,945	5,408	77.9%	393	5.7%	1,143	16.5%
Shared (No Heat on Bill)	36,289	32,004	88.2%	1,458	4.0%	2,828	7.8%
<b>PEOPLE PER HOUSEHOLD</b>							
One	124,779	114,405	91.7%	5,898	4.7%	4,477	3.6%
Two	221,729	207,270	93.5%	7,883	3.6%	6,576	3.0%
Three	60,069	53,455	89.0%	2,855	4.8%	3,760	6.3%
Four	48,897	41,545	85.0%	3,461	7.1%	3,890	8.0%
Five +	29,337	22,664	77.3%	2,298	7.8%	4,374	14.9%
<b>HOUSEHOLD INCOME</b>							
Less Than \$25,000	59,481	47,223	79.4%	5,234	8.8%	7,024	11.8%
\$25,000 - \$49,999	137,082	125,852	91.8%	4,396	3.2%	6,834	5.0%
\$50,000 - \$74,999	123,824	114,347	92.3%	5,438	4.4%	4,039	3.3%
\$75,000 - \$99,999	66,780	61,453	92.0%	2,670	4.0%	2,657	4.0%
\$100,000 +	97,644	90,465	92.6%	4,657	4.8%	2,522	2.6%
<b>WINNIPEG LICO-125 CLASS</b>							
Yes	158,987	136,054	85.6%	9,869	6.2%	13,063	8.2%
No	325,824	303,285	93.1%	12,526	3.8%	10,014	3.1%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>							
Yes	51,429	38,341	74.6%	4,713	9.2%	8,375	16.3%
No	409,630	379,314	92.6%	16,582	4.0%	13,735	3.4%
Undeclared	23,751	21,684	91.3%	1,101	4.6%	967	4.1%
<b>FIRST NATION ON RESERVE</b>							
FIRST NATION ON RESERVE	15,456	6,659	43.1%	2,942	19.0%	5,855	37.9%
<b>BILL PAYMENT RATING</b>							
Excellent	439,339	439,339	100.0%	0	0.0%	0	0.0%
Satisfactory	22,395	0	0.0%	22,395	100.0%	0	0.0%
Poor	23,077	0	0.0%	0	0.0%	23,077	100.0%
<b>DWELLING OWNERSHIP</b>							
Own	404,316	374,841	92.7%	16,363	4.0%	13,112	3.2%
Rent / Other	80,495	64,498	80.1%	6,032	7.5%	9,965	12.4%

**2017 RESIDENTIAL SURVEY SECTION 10 - HOUSEHOLD DEMOGRAPHICS - REFERENCE TABLE 10.08**  
**WEATHER ADJUSTED ANNUAL TOTAL ENERGY BILL(TAXES INCLUDED)**

	TOTAL	\$500 OR LESS	%	\$501-\$1000	%	\$1001-\$1500	%	\$1501-\$2000	%	\$2001-\$2500	%	\$2501-\$3000	%	OVER \$3000	%
<b>OVERALL</b>	<b>484,811</b>	<b>33,280</b>	<b>6.9%</b>	<b>43,012</b>	<b>8.9%</b>	<b>90,742</b>	<b>18.7%</b>	<b>126,359</b>	<b>26.1%</b>	<b>84,206</b>	<b>17.4%</b>	<b>47,775</b>	<b>9.9%</b>	<b>59,437</b>	<b>12.3%</b>
<b>FUEL AREA</b>															
Winnipeg City	261,760	29,149	11.1%	29,560	11.3%	61,651	23.6%	80,425	30.7%	37,015	14.1%	13,611	5.2%	10,349	4.0%
Gas Available	140,021	2,234	1.6%	9,300	6.6%	21,638	15.5%	33,253	23.7%	29,209	20.9%	17,977	12.8%	26,410	18.9%
No Gas Available	83,030	1,897	2.3%	4,152	5.0%	7,453	9.0%	12,681	15.3%	17,982	21.7%	16,186	19.5%	22,678	27.3%
<b>DWELLING TYPE</b>															
Single Detached	373,568	1,228	0.3%	9,770	2.6%	64,314	17.2%	112,939	30.2%	80,341	21.5%	46,567	12.5%	58,409	15.6%
Multi Attached	46,834	3,191	6.8%	6,191	13.2%	19,644	41.9%	12,216	26.1%	3,500	7.5%	1,208	2.6%	885	1.9%
Apartment Suite	64,409	28,862	44.8%	27,051	42.0%	6,784	10.5%	1,204	1.9%	365	0.6%	0	0.0%	143	0.2%
<b>BUILDING CODE ERA</b>															
2010-2017	37,645	1,232	3.3%	5,189	13.8%	7,146	19.0%	8,029	21.3%	8,313	22.1%	3,582	9.5%	4,155	11.0%
1990-2009	89,181	2,208	2.5%	7,114	8.0%	13,092	14.7%	21,375	24.0%	17,934	20.1%	10,458	11.7%	16,999	19.1%
1970-1989	161,749	7,297	4.5%	18,766	11.6%	28,737	17.8%	42,820	26.5%	28,267	17.5%	18,322	11.3%	17,539	10.8%
1950-1969	110,314	13,509	12.2%	7,272	6.6%	22,897	20.8%	30,680	27.8%	17,479	15.8%	8,804	8.0%	9,674	8.8%
Pre 1950	85,922	9,035	10.5%	4,670	5.4%	18,870	22.0%	23,455	27.3%	12,212	14.2%	6,608	7.7%	11,071	12.9%
<b>SPACE HEAT FUEL</b>															
Electric Heat	191,639	5,841	3.0%	26,882	14.0%	23,386	12.2%	26,611	13.9%	37,245	19.4%	27,936	14.6%	43,738	22.8%
Natural Gas Heat	249,938	0	0.0%	6,298	2.5%	65,270	26.1%	97,113	38.9%	46,623	18.7%	19,077	7.6%	15,556	6.2%
Other Fuel	6,945	337	4.9%	2,124	30.6%	999	14.4%	2,386	34.4%	337	4.9%	762	11.0%	0	0.0%
Shared (No Heat on Bill)	36,289	27,102	74.7%	7,707	21.2%	1,087	3.0%	249	0.7%	0	0.0%	0	0.0%	143	0.4%
<b>PEOPLE PER HOUSEHOLD</b>															
One	124,779	20,874	16.7%	20,421	16.4%	37,640	30.2%	21,954	17.6%	12,122	9.7%	6,441	5.2%	5,327	4.3%
Two	221,729	10,280	4.6%	17,996	8.1%	40,522	18.3%	65,460	29.5%	37,474	16.9%	23,576	10.6%	26,421	11.9%
Three	60,069	965	1.6%	4,012	6.7%	6,857	11.4%	19,465	32.4%	14,566	24.2%	5,953	9.9%	8,253	13.7%
Four	48,897	628	1.3%	552	1.1%	3,853	7.9%	14,526	29.7%	13,264	27.1%	6,675	13.7%	9,401	19.2%
Five +	29,337	534	1.8%	31	0.1%	1,870	6.4%	4,955	16.9%	6,780	23.1%	5,130	17.5%	10,035	34.2%
<b>HOUSEHOLD INCOME</b>															
Less Than \$25,000	59,481	9,324	15.7%	7,322	12.3%	12,928	21.7%	12,354	20.8%	6,629	11.1%	5,827	9.8%	5,097	8.6%
\$25,000 - \$49,999	137,082	11,636	8.5%	16,593	12.1%	32,417	23.6%	33,415	24.4%	18,891	13.8%	11,035	8.0%	13,095	9.6%
\$50,000 - \$74,999	123,824	7,572	6.1%	9,709	7.8%	25,592	20.7%	35,500	28.7%	22,273	18.0%	9,485	7.7%	13,692	11.1%
\$75,000 - \$99,999	66,780	1,698	2.5%	4,358	6.5%	8,667	13.0%	19,884	29.8%	13,673	20.5%	8,094	12.1%	10,407	15.6%
\$100,000 +	97,644	3,050	3.1%	5,029	5.2%	11,137	11.4%	25,206	25.8%	22,741	23.3%	13,334	13.7%	17,147	17.6%
<b>WINNIPEG LICO-125 CLASS</b>															
Yes	158,987	16,294	10.2%	16,905	10.6%	33,998	21.4%	37,887	23.8%	22,695	14.3%	14,300	9.0%	16,908	10.6%
No	325,824	16,986	5.2%	26,106	8.0%	56,744	17.4%	88,472	27.2%	61,511	18.9%	33,475	10.3%	42,530	13.1%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>															
Yes	51,429	3,169	6.2%	3,283	6.4%	5,410	10.5%	11,256	21.9%	9,846	19.1%	6,768	13.2%	11,698	22.7%
No	409,630	29,686	7.2%	38,682	9.4%	80,100	19.6%	107,425	26.2%	70,122	17.1%	38,572	9.4%	45,043	11.0%
Undeclared	23,751	426	1.8%	1,047	4.4%	5,232	22.0%	7,679	32.3%	4,237	17.8%	2,435	10.3%	2,696	11.4%
<b>FIRST NATION ON RESERVE</b>															
FIRST NATION ON RESERVE	15,456	99	0.6%	418	2.7%	634	4.1%	1,797	11.6%	2,847	18.4%	2,866	18.5%	6,795	44.0%
<b>BILL PAYMENT RATING</b>															
Excellent	439,339	29,849	6.8%	39,174	8.9%	84,400	19.2%	118,755	27.0%	75,477	17.2%	41,535	9.5%	50,150	11.4%
Satisfactory	22,395	1,339	6.0%	1,273	5.7%	3,853	17.2%	4,829	21.6%	4,950	22.1%	2,894	12.9%	3,256	14.5%
Poor	23,077	2,092	9.1%	2,565	11.1%	2,489	10.8%	2,774	12.0%	3,779	16.4%	3,346	14.5%	6,032	26.1%
<b>DWELLING OWNERSHIP</b>															
Own	404,316	7,382	1.8%	23,489	5.8%	77,546	19.2%	117,580	29.1%	79,702	19.7%	44,592	11.0%	54,025	13.4%
Rent / Other	80,495	25,898	32.2%	19,523	24.3%	13,196	16.4%	8,779	10.9%	4,504	5.6%	3,183	4.0%	5,412	6.7%



**2017 RESIDENTIAL SURVEY SECTION 10 - HOUSEHOLD DEMOGRAPHICS - REFERENCE TABLE 10.09  
WEATHER ADJUSTED PERCENT ENERGY INCOME BURDEN**

	2% OR						OVER						
	TOTAL	LESS	%	2%-4%	%	4%-6%	%	6%-8%	%	8%-10%	%	10%	%
<b>OVERALL</b>	<b>484,811</b>	155,103	<b>32.0%</b>	170,533	<b>35.2%</b>	78,659	<b>16.2%</b>	35,824	<b>7.4%</b>	16,698	<b>3.4%</b>	27,993	<b>5.8%</b>
<b>FUEL AREA</b>													
Winnipeg City	261,760	118,050	<b>45.1%</b>	94,427	<b>36.1%</b>	31,847	<b>12.2%</b>	9,815	<b>3.7%</b>	3,671	<b>1.4%</b>	3,950	<b>1.5%</b>
Gas Available	140,021	27,066	<b>19.3%</b>	54,972	<b>39.3%</b>	29,277	<b>20.9%</b>	14,132	<b>10.1%</b>	5,992	<b>4.3%</b>	8,583	<b>6.1%</b>
No Gas Available	83,030	9,986	<b>12.0%</b>	21,134	<b>25.5%</b>	17,536	<b>21.1%</b>	11,877	<b>14.3%</b>	7,036	<b>8.5%</b>	15,461	<b>18.6%</b>
<b>DWELLING TYPE</b>													
Single Detached	373,568	90,464	<b>24.2%</b>	141,765	<b>37.9%</b>	68,265	<b>18.3%</b>	31,486	<b>8.4%</b>	15,271	<b>4.1%</b>	26,316	<b>7.0%</b>
Multi Attached	46,834	16,184	<b>34.6%</b>	16,885	<b>36.1%</b>	7,220	<b>15.4%</b>	3,642	<b>7.8%</b>	1,428	<b>3.0%</b>	1,475	<b>3.1%</b>
Apartment Suite	64,409	48,454	<b>75.2%</b>	11,883	<b>18.4%</b>	3,174	<b>4.9%</b>	696	<b>1.1%</b>	0	<b>0.0%</b>	202	<b>0.3%</b>
<b>BUILDING CODE ERA</b>													
2010-2017	37,645	16,226	<b>43.1%</b>	13,401	<b>35.6%</b>	3,678	<b>9.8%</b>	1,736	<b>4.6%</b>	643	<b>1.7%</b>	1,962	<b>5.2%</b>
1990-2009	89,181	27,931	<b>31.3%</b>	31,362	<b>35.2%</b>	14,306	<b>16.0%</b>	6,760	<b>7.6%</b>	2,676	<b>3.0%</b>	6,146	<b>6.9%</b>
1970-1989	161,749	47,100	<b>29.1%</b>	57,774	<b>35.7%</b>	29,385	<b>18.2%</b>	11,880	<b>7.3%</b>	6,619	<b>4.1%</b>	8,991	<b>5.6%</b>
1950-1969	110,314	39,193	<b>35.5%</b>	38,169	<b>34.6%</b>	16,952	<b>15.4%</b>	8,008	<b>7.3%</b>	2,861	<b>2.6%</b>	5,132	<b>4.7%</b>
Pre 1950	85,922	24,653	<b>28.7%</b>	29,826	<b>34.7%</b>	14,339	<b>16.7%</b>	7,441	<b>8.7%</b>	3,900	<b>4.5%</b>	5,763	<b>6.7%</b>
<b>SPACE HEAT FUEL</b>													
Electric Heat	191,639	39,108	<b>20.4%</b>	56,490	<b>29.5%</b>	40,150	<b>21.0%</b>	21,871	<b>11.4%</b>	10,650	<b>5.6%</b>	23,371	<b>12.2%</b>
Natural Gas Heat	249,938	82,101	<b>32.8%</b>	108,407	<b>43.4%</b>	37,032	<b>14.8%</b>	12,883	<b>5.2%</b>	5,362	<b>2.1%</b>	4,154	<b>1.7%</b>
Other Fuel	6,945	1,071	<b>15.4%</b>	2,667	<b>38.4%</b>	980	<b>14.1%</b>	1,071	<b>15.4%</b>	687	<b>9.9%</b>	469	<b>6.7%</b>
Shared (No Heat on Bill)	36,289	32,823	<b>90.4%</b>	2,969	<b>8.2%</b>	497	<b>1.4%</b>	0	<b>0.0%</b>	0	<b>0.0%</b>	0	<b>0.0%</b>
<b>PEOPLE PER HOUSEHOLD</b>													
One	124,779	39,197	<b>31.4%</b>	36,056	<b>28.9%</b>	22,322	<b>17.9%</b>	12,302	<b>9.9%</b>	5,651	<b>4.5%</b>	9,251	<b>7.4%</b>
Two	221,729	63,583	<b>28.7%</b>	86,068	<b>38.8%</b>	38,580	<b>17.4%</b>	15,524	<b>7.0%</b>	7,630	<b>3.4%</b>	10,342	<b>4.7%</b>
Three	60,069	24,187	<b>40.3%</b>	20,615	<b>34.3%</b>	7,138	<b>11.9%</b>	3,984	<b>6.6%</b>	1,473	<b>2.5%</b>	2,672	<b>4.4%</b>
Four	48,897	21,150	<b>43.3%</b>	17,005	<b>34.8%</b>	6,130	<b>12.5%</b>	1,901	<b>3.9%</b>	1,147	<b>2.3%</b>	1,563	<b>3.2%</b>
Five +	29,337	6,985	<b>23.8%</b>	10,788	<b>36.8%</b>	4,488	<b>15.3%</b>	2,114	<b>7.2%</b>	797	<b>2.7%</b>	4,165	<b>14.2%</b>
<b>HOUSEHOLD INCOME</b>													
Less Than \$25,000	59,481	6,339	<b>10.7%</b>	6,983	<b>11.7%</b>	7,846	<b>13.2%</b>	12,001	<b>20.2%</b>	8,026	<b>13.5%</b>	18,287	<b>30.7%</b>
\$25,000 - \$49,999	137,082	20,641	<b>15.1%</b>	37,371	<b>27.3%</b>	43,961	<b>32.1%</b>	19,064	<b>13.9%</b>	7,431	<b>5.4%</b>	8,616	<b>6.3%</b>
\$50,000 - \$74,999	123,824	27,079	<b>21.9%</b>	69,663	<b>56.3%</b>	20,868	<b>16.9%</b>	4,098	<b>3.3%</b>	1,026	<b>0.8%</b>	1,091	<b>0.9%</b>
\$75,000 - \$99,999	66,780	23,068	<b>34.5%</b>	37,731	<b>56.5%</b>	5,215	<b>7.8%</b>	550	<b>0.8%</b>	216	<b>0.3%</b>	0	<b>0.0%</b>
\$100,000 +	97,644	77,976	<b>79.9%</b>	18,786	<b>19.2%</b>	771	<b>0.8%</b>	112	<b>0.1%</b>	0	<b>0.0%</b>	0	<b>0.0%</b>
<b>WINNIPEG LICO-125 CLASS</b>													
Yes	158,987	17,060	<b>10.7%</b>	29,668	<b>18.7%</b>	43,487	<b>27.4%</b>	28,267	<b>17.8%</b>	14,522	<b>9.1%</b>	25,984	<b>16.3%</b>
No	325,824	138,043	<b>42.4%</b>	140,866	<b>43.2%</b>	35,172	<b>10.8%</b>	7,558	<b>2.3%</b>	2,177	<b>0.7%</b>	2,010	<b>0.6%</b>
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>													
Yes	51,429	10,369	<b>20.2%</b>	14,380	<b>28.0%</b>	8,792	<b>17.1%</b>	5,254	<b>10.2%</b>	2,908	<b>5.7%</b>	9,726	<b>18.9%</b>
No	409,630	140,071	<b>34.2%</b>	147,549	<b>36.0%</b>	63,564	<b>15.5%</b>	28,600	<b>7.0%</b>	12,699	<b>3.1%</b>	17,147	<b>4.2%</b>
Undeclared	23,751	4,663	<b>19.6%</b>	8,605	<b>36.2%</b>	6,303	<b>26.5%</b>	1,971	<b>8.3%</b>	1,091	<b>4.6%</b>	1,120	<b>4.7%</b>
<b>FIRST NATION ON RESERVE</b>													
FIRST NATION ON RESERVE	15,456	317	<b>2.0%</b>	1,536	<b>9.9%</b>	2,438	<b>15.8%</b>	2,101	<b>13.6%</b>	1,504	<b>9.7%</b>	7,560	<b>48.9%</b>
<b>BILL PAYMENT RATING</b>													
Excellent	439,339	142,628	<b>32.5%</b>	159,023	<b>36.2%</b>	72,241	<b>16.4%</b>	31,587	<b>7.2%</b>	14,015	<b>3.2%</b>	19,844	<b>4.5%</b>
Satisfactory	22,395	6,129	<b>27.4%</b>	7,499	<b>33.5%</b>	3,205	<b>14.3%</b>	1,631	<b>7.3%</b>	1,184	<b>5.3%</b>	2,747	<b>12.3%</b>
Poor	23,077	6,346	<b>27.5%</b>	4,011	<b>17.4%</b>	3,213	<b>13.9%</b>	2,606	<b>11.3%</b>	1,499	<b>6.5%</b>	5,402	<b>23.4%</b>
<b>DWELLING OWNERSHIP</b>													
Own	404,316	114,492	<b>28.3%</b>	154,100	<b>38.1%</b>	70,675	<b>17.5%</b>	30,794	<b>7.6%</b>	14,266	<b>3.5%</b>	19,988	<b>4.9%</b>
Rent / Other	80,495	40,611	<b>50.5%</b>	16,433	<b>20.4%</b>	7,984	<b>9.9%</b>	5,030	<b>6.2%</b>	2,432	<b>3.0%</b>	8,005	<b>9.9%</b>



**2017 RESIDENTIAL SURVEY SECTION 10 - HOUSEHOLD DEMOGRAPHICS - REFERENCE TABLE 10.10**  
**WEATHER ADJUSTED PERCENT ENERGY INCOME BURDEN**

	<b>TOTAL</b>	<b>AVERAGE TOTAL ENERGY BILL</b>	<b>AVERAGE ENERGY BURDEN</b>
<b>OVERALL</b>	<b>484,811</b>	<b>\$1,931</b>	<b>3.83%</b>
<b>FUEL AREA</b>			
Winnipeg City	261,760	\$1,568	2.71%
Gas Available	140,021	\$2,262	4.35%
No Gas Available	83,030	\$2,517	6.48%
<b>DWELLING TYPE</b>			
Single Detached	373,568	\$2,220	4.26%
Multi Attached	46,834	\$1,421	3.42%
Apartment Suite	64,409	\$628	1.63%
<b>BUILDING CODE ERA</b>			
2010-2017	37,645	\$1,927	3.16%
1990-2009	89,181	\$2,178	4.05%
1970-1989	161,749	\$1,904	3.97%
1950-1969	110,314	\$1,786	3.54%
Pre 1950	85,922	\$1,912	4.02%
<b>SPACE HEAT FUEL</b>			
Electric Heat	191,639	\$2,272	5.20%
Natural Gas Heat	249,938	\$1,896	3.14%
Other Fuel	6,945	\$1,459	4.83%
Shared (No Heat on Bill)	36,289	\$458	1.16%
<b>PEOPLE PER HOUSEHOLD</b>			
One	124,779	\$1,396	4.17%
Two	221,729	\$1,968	3.77%
Three	60,069	\$2,130	3.39%
Four	48,897	\$2,393	3.11%
Five +	29,337	\$2,750	5.03%
<b>HOUSEHOLD INCOME</b>			
Less Than \$25,000	59,481	\$1,639	8.26%
\$25,000 - \$49,999	137,082	\$1,759	4.90%
\$50,000 - \$74,999	123,824	\$1,898	3.14%
\$75,000 - \$99,999	66,780	\$2,123	2.48%
\$100,000 +	97,644	\$2,260	1.43%
<b>WINNIPEG LICO-125 CLASS</b>			
Yes	158,987	\$1,790	6.44%
No	325,824	\$1,999	2.56%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>			
Yes	51,429	\$2,276	6.01%
No	409,630	\$1,878	3.54%
Undeclared	23,751	\$2,095	4.24%
<b>FIRST NATION ON RESERVE</b>			
FIRST NATION ON RESERVE	15,456	\$2,855	10.84%
<b>BILL PAYMENT RATING</b>			
Excellent	439,339	\$1,906	3.64%
Satisfactory	22,395	\$2,110	4.91%
Poor	23,077	\$2,233	6.45%
<b>DWELLING OWNERSHIP</b>			
Own	404,316	\$2,082	3.84%
Rent / Other	80,495	\$1,171	3.81%

**2017 RESIDENTIAL SURVEY SECTION 10 - HOUSEHOLD DEMOGRAPHICS - REFERENCE TABLE 10.11  
RESIDENTIAL RATE CLASS POPULATION AGE DISTRIBUTION**

	AVERAGE							
	AGE	0-17 %	18-24%	25-34%	35-44 %	45-54%	55-64%	65+ %
<b>OVERALL</b>	<b>51.9</b>	13.9%	6.7%	10.2%	10.6%	12.3%	19.1%	27.2%
<b>FUEL AREA</b>								
Winnipeg City	50.6	13.7%	7.7%	11.1%	10.9%	12.4%	18.2%	26.1%
Gas Available	53.8	14.0%	5.5%	8.5%	10.9%	12.4%	19.9%	28.8%
No Gas Available	52.7	14.3%	6.0%	10.2%	9.2%	11.7%	20.8%	27.8%
<b>DWELLING TYPE</b>								
Single Detached	51.7	14.9%	6.9%	9.0%	10.6%	12.8%	19.9%	25.8%
Multi Attached	50.7	13.0%	5.6%	10.6%	12.8%	13.5%	16.5%	28.0%
Apartment Suite	53.5	5.8%	6.1%	20.3%	8.2%	6.0%	14.8%	39.0%
<b>BUILDING CODE ERA</b>								
2010-2017	44.8	22.9%	5.7%	14.2%	16.4%	10.9%	13.0%	16.9%
1990-2009	51.8	14.1%	8.9%	6.6%	10.7%	14.7%	18.7%	26.4%
1970-1989	54.0	11.7%	5.2%	10.5%	8.8%	10.9%	21.2%	31.7%
1950-1969	52.6	12.8%	7.6%	10.7%	9.5%	12.0%	18.1%	29.3%
Pre 1950	50.1	14.3%	6.5%	11.1%	12.0%	13.2%	20.4%	22.5%
<b>SPACE HEAT FUEL</b>								
Electric Heat	53.5	13.7%	5.6%	9.3%	10.1%	11.9%	19.2%	30.1%
Natural Gas Heat	51.1	14.7%	7.5%	9.3%	11.2%	12.8%	19.6%	25.0%
Other Fuel	47.8	20.2%	3.5%	15.4%	5.4%	17.0%	15.5%	23.1%
Shared (No Heat on Bill)	49.3	4.1%	8.4%	25.6%	9.7%	8.2%	14.2%	29.8%
<b>PEOPLE PER HOUSEHOLD</b>								
One	57.0	0.0%	1.2%	8.2%	6.0%	10.9%	20.1%	53.6%
Two	60.2	1.2%	1.9%	7.1%	4.1%	10.0%	29.5%	46.1%
Three	38.3	17.5%	12.4%	15.6%	11.5%	16.2%	17.0%	9.7%
Four	30.8	31.2%	10.4%	12.8%	19.6%	14.5%	7.9%	3.6%
Five +	29.6	33.2%	13.1%	10.9%	19.6%	12.3%	6.2%	4.6%
<b>HOUSEHOLD INCOME</b>								
Less Than \$25,000	56.3	12.0%	6.5%	9.0%	7.0%	8.7%	14.0%	42.8%
\$25,000 - \$49,999	58.7	8.6%	4.2%	7.6%	6.8%	7.9%	17.4%	47.5%
\$50,000 - \$74,999	51.8	12.1%	6.4%	11.2%	9.2%	11.1%	22.2%	27.7%
\$75,000 - \$99,999	46.3	15.9%	8.0%	10.8%	13.8%	15.5%	22.6%	13.3%
\$100,000 +	43.5	19.8%	8.7%	11.6%	14.7%	16.6%	17.4%	11.2%
<b>WINNIPEG LICO-125 CLASS</b>								
Yes	55.7	15.2%	6.5%	9.0%	9.5%	8.4%	13.8%	37.7%
No	50.0	13.3%	6.9%	10.8%	11.1%	14.0%	21.6%	22.4%
<b>INDIGENOUS SELF-DECLARED ANCESTRY</b>								
Yes	43.1	20.5%	8.3%	14.9%	12.4%	13.7%	15.8%	14.3%
No	53.0	12.9%	6.5%	9.6%	10.2%	12.1%	19.6%	29.1%
Undeclared	50.9	12.4%	5.9%	8.3%	12.2%	11.1%	20.0%	30.0%
<b>FIRST NATION ON RESERVE</b>								
FIRST NATION ON RESERVE	41.3	23.9%	12.0%	12.3%	11.5%	12.5%	14.5%	13.3%
<b>BILL PAYMENT RATING</b>								
Excellent	53.0	12.8%	6.3%	9.9%	10.3%	11.8%	19.5%	29.4%
Satisfactory	43.3	22.3%	6.8%	12.2%	13.7%	14.0%	17.5%	13.5%
Poor	38.7	22.7%	12.4%	13.4%	12.5%	16.8%	15.2%	7.0%
<b>DWELLING OWNERSHIP</b>								
Own	52.6	13.6%	6.4%	8.5%	10.7%	12.7%	20.1%	28.0%
Rent / Other	48.0	15.1%	8.5%	19.7%	10.1%	9.8%	13.8%	22.9%

# **SECTION 11**

## **APPENDIX**

### **QUESTIONNAIRE BOOKLET**



# 2017 Residential Energy Use Survey

## Dear Customer:

Help us deliver the best service possible to you by completing the Manitoba Hydro 2017 Residential Energy Use Survey. By taking time to answer the following questions, you will help Manitoba Hydro assess the energy use characteristics of our residential customers. Your participation in this survey will enable us to better serve you and effectively plan for the future.

All responses will be treated in the strictest confidence.



Please answer the survey for the address shown BELOW. Return the completed questionnaire in the postage paid envelope provided.



\*Manitoba Hydro is a licensee of the Trademark and Official Mark.

Your responses will only be used by Manitoba Hydro for its business purposes, such as the planning, development, implementation, administration, marketing, tracking, evaluation, and reporting, of its operations and programs. For inquiries concerning the collection of any personal information contained in this form or if you have any questions concerning this survey please contact:

**204.360.3447**  
(Weekdays 8:00 a.m. to 3:00 p.m.)

Outside Winnipeg, call collect.

Please return the completed questionnaire in the postage paid envelope provided, or mail to:

**RESIDENTIAL ENERGY USE SURVEY  
MARKET FORECAST DEPARTMENT**  
Manitoba Hydro  
7<sup>th</sup> Floor 360 Portage Avenue  
Winnipeg, MB R3C 0G8

**THANK YOU FOR YOUR TIME AND COOPERATION**

# Section 1

# Your Residence

Please answer all the questions by marking an “x” in the box(es) beside the appropriate answer OR print your answer in the space provided. If you are unsure of a particular answer, mark the “Do not know” box.

## 1 What best describes this residence ?

- |  |   |
|--|---|
| 1 <input type="checkbox"/> Single Family House (Detached)    | 6 <input type="checkbox"/> Mobile Home/Trailer                    |
| 2 <input type="checkbox"/> Side by Side (Two Attached Units) | 7 <input type="checkbox"/> Rowhouse/Townhouse (Exterior Entrance) |
| 3 <input type="checkbox"/> Duplex (Upper Unit)               | 8 <input type="checkbox"/> Apartment Suite or Condominium unit    |
| 4 <input type="checkbox"/> Duplex (Lower Unit)               | 9 <input type="checkbox"/> Cottage or Seasonal Residence          |
| 5 <input type="checkbox"/> Triplex/Fourplex                  | 10 <input type="checkbox"/> Other: _____                          |

## 2 Do you OWN or RENT this residence ?

- 1  Own/Buying    2  Rent/Lease    3  Band Housing    4  Other

## 3 How many STORIES is this residence (excluding basement area)?

- |   |   |  |
|---|---|--|
| 1 <input type="checkbox"/> 1 storey     | 4 <input type="checkbox"/> 2 1/2 storey | 7 <input type="checkbox"/> Cab-Over                    |
| 2 <input type="checkbox"/> 1 1/2 storey | 5 <input type="checkbox"/> Bi-level     | 8 <input type="checkbox"/> Individual Suite/Condo Unit |
| 3 <input type="checkbox"/> 2 storey     | 6 <input type="checkbox"/> Split level  | 9 <input type="checkbox"/> Other: _____                |

## 4 When was this residence originally BUILT?

- |   |                                      |  |
|---|--------------------------------------|--|
| 1 <input type="checkbox"/> 2010–present | 5 <input type="checkbox"/> 1970–1979 | 9 <input type="checkbox"/> 1930–1939       |
| 2 <input type="checkbox"/> 2000–2009    | 6 <input type="checkbox"/> 1960–1969 | 10 <input type="checkbox"/> 1920–1929      |
| 3 <input type="checkbox"/> 1990–1999    | 7 <input type="checkbox"/> 1950–1959 | 11 <input type="checkbox"/> 1919 or before |
| 4 <input type="checkbox"/> 1980–1989    | 8 <input type="checkbox"/> 1940–1949 | 12 <input type="checkbox"/> Do not know    |

## 5 What is the SIZE of this residence in square feet?

(EXCLUDE BASEMENT AND GARAGE AREAS. ANSWER “5a”, IF POSSIBLE.)

a) Specify size if KNOWN: \_\_\_\_\_ square feet.

b) If UNKNOWN, choose the approximate size range in square feet.

- |  |   |   |
|--|---|---|
| 1 <input type="checkbox"/> Under 500 sq ft   | 6 <input type="checkbox"/> 1,301–1,500 sq ft  | 11 <input type="checkbox"/> 2,301–2,500 sq ft |
| 2 <input type="checkbox"/> 501–700 sq ft     | 7 <input type="checkbox"/> 1,501–1,700 sq ft  | 12 <input type="checkbox"/> 2,501–2,700 sq ft |
| 3 <input type="checkbox"/> 701–900 sq ft     | 8 <input type="checkbox"/> 1,701–1,900 sq ft  | 13 <input type="checkbox"/> 2,701–2,900 sq ft |
| 4 <input type="checkbox"/> 901–1,100 sq ft   | 9 <input type="checkbox"/> 1,901–2,100 sq ft  | 14 <input type="checkbox"/> 2,901–3,100 sq ft |
| 5 <input type="checkbox"/> 1,101–1,300 sq ft | 10 <input type="checkbox"/> 2,101–2,300 sq ft | 15 <input type="checkbox"/> over 3,100 sq ft  |

**6 How many of each type of WINDOWS are in this residence?**

(CHECK ONE FOR EACH WINDOW TYPE.)

	None	Less than 5	5 to 10	Over 10
Single Pane	<sup>1</sup> <input type="checkbox"/>	<sup>2</sup> <input type="checkbox"/>	<sup>3</sup> <input type="checkbox"/>	<sup>4</sup> <input type="checkbox"/>
Dual Pane	<sup>1</sup> <input type="checkbox"/>	<sup>2</sup> <input type="checkbox"/>	<sup>3</sup> <input type="checkbox"/>	<sup>4</sup> <input type="checkbox"/>
Triple Pane	<sup>1</sup> <input type="checkbox"/>	<sup>2</sup> <input type="checkbox"/>	<sup>3</sup> <input type="checkbox"/>	<sup>4</sup> <input type="checkbox"/>
Storm Pane	<sup>1</sup> <input type="checkbox"/>	<sup>2</sup> <input type="checkbox"/>	<sup>3</sup> <input type="checkbox"/>	<sup>4</sup> <input type="checkbox"/>

**7 Please indicate the level of insulation currently in your ATTIC:**

- <sup>1</sup>  No Attic <sup>5</sup>  Fair (R-12 to R-19)  
<sup>2</sup>  Excellent (R-50+) <sup>6</sup>  Poor (R-0 to R-11)  
<sup>3</sup>  Very Good (R-30 to R-49) <sup>7</sup>  Do not know  
<sup>4</sup>  Good (R-20 to R-29)

**8 Please indicate the level of insulation currently in your EXTERIOR WALLS:**

- <sup>1</sup>  Excellent (R-25+) <sup>4</sup>  Fair (R-8 to R-11)  
<sup>2</sup>  Very Good (R-20 to R-24) <sup>5</sup>  Poor (R-0 to R-7)  
<sup>3</sup>  Good (R-12 to R-19) <sup>6</sup>  Do not know

**9 Please indicate which of the following best describes the BASEMENT (foundation) of this residence:**

- <sup>1</sup>  No Basement - [Go to Question 10](#) <sup>5</sup>  Crawl Space  
<sup>2</sup>  Slab on Grade <sup>6</sup>  Partial and Crawlspace  
<sup>3</sup>  Full Basement <sup>7</sup>  Other: \_\_\_\_\_  
<sup>4</sup>  Partial Basement <sup>8</sup>  Do not know

**a) What amount of this residence's basement foundation walls are insulated?**

- <sup>1</sup>  No Insulation <sup>4</sup>  Fully Insulated (90% or more)  
<sup>2</sup>  Partially Insulated (up to 49%) <sup>5</sup>  Do not know  
<sup>3</sup>  Mostly Insulated (50% to 89%)

**b) What type is the basement wall insulation?**

- <sup>1</sup>  No Insulation <sup>5</sup>  Insulate Concrete Forms (ICF)  
<sup>2</sup>  Fiberglass Batting <sup>6</sup>  Other: \_\_\_\_\_  
<sup>3</sup>  Rigid Foam Board <sup>7</sup>  Do not know  
<sup>4</sup>  Spray Foam

**c) What amount of this residence's basement area is finished?**

- <sup>1</sup>  Totally Unfinished (0%) <sup>4</sup>  Fully Finished (90% or more)  
<sup>2</sup>  Partially Finished (up to 49%) <sup>5</sup>  Do not know  
<sup>3</sup>  Mostly Finished (50% to 89%)



**10 Does this residence have any of the following problems?**

(CHECK ALL THAT APPLY.)

- |   |  |
|---|--|
| <input type="checkbox"/> Lingered odours, cooking smells, stale air | <input type="checkbox"/> Condensation in attic     |
| <input type="checkbox"/> High humidity in winter                    | <input type="checkbox"/> Mold and mildew           |
| <input type="checkbox"/> Low humidity in winter                     | <input type="checkbox"/> Ice dams on roof          |
| <input type="checkbox"/> Window condensation                        | <input type="checkbox"/> Water leakage in basement |
|   | <input type="checkbox"/> Other: _____              |

**11 In the last THREE YEARS, have any of the following upgrade projects been done at this residence? (CHECK ALL THAT APPLY.)**

- Replaced windows
- Insulated basement or crawlspace
- Insulated the exterior walls
- Insulated the attic or ceiling
- Caulked to reduce air leakage

## Section 2

## Heating System

**1 What is the MAIN HEATING SYSTEM used to heat this residence?**

(CHECK ONLY ONE.)

- |   |  |
|---|--|
| <input type="checkbox"/> <b>Hi-efficiency Natural Gas</b> (+ 90%) Central Forced Air Furnace<br>(Available from 1984 – present) | <input type="checkbox"/> <b>Wood Stove/Furnace</b> |
| <input type="checkbox"/> <b>Mid-efficiency Natural Gas</b> (80–85%) Central Forced Air Furnace<br>(Available from 1984 – 2009)  | <input type="checkbox"/> <b>Propane Furnace</b>    |
| <input type="checkbox"/> <b>Standard-efficiency Natural Gas</b> (65%) Central Forced Air Furnace<br>(Last installed in 1992)    | <input type="checkbox"/> <b>Oil Furnace</b>        |
| <input type="checkbox"/> <b>Natural Gas Boiler</b>  | <input type="checkbox"/> Other: _____              |
| <input type="checkbox"/> <b>Electric Baseboards</b>   | <input type="checkbox"/> Do not know               |
| <input type="checkbox"/> <b>Electric Forced Air Furnace</b>   |  |
| <input type="checkbox"/> <b>Electric Boiler</b>   |  |
| <input type="checkbox"/> Heat Pump - Geothermal   |  |
| <input type="checkbox"/> Heat Pump - Air Source   |  |

**2 What is the AGE of the main heating system?**

- |                                    |                                      |  |
|------------------------------------|--------------------------------------|--|
| <input type="checkbox"/> 0–3 years | <input type="checkbox"/> 10–12 years | <input type="checkbox"/> 21–25 years   |
| <input type="checkbox"/> 4–6 years | <input type="checkbox"/> 13–15 years | <input type="checkbox"/> Over 25 years |
| <input type="checkbox"/> 7–9 years | <input type="checkbox"/> 16–20 years | <input type="checkbox"/> Do not know   |

**3 Has this residence always been heated with the same space heating fuel?**

- Yes, always
- No, **previously** heated with **Natural Gas** and **now** heating with **Electricity**
- No, **previously** heated with **Electricity** and **now** heating with **Natural Gas**
- No, **previously** heated with **Propane** or **Wood** or **Coal** or **Oil** and **now** heating with **Electricity**
- Other: \_\_\_\_\_
- Do not know

**4 What other HEATING SYSTEMS are used to heat this residence?**

(CHECK ALL THAT APPLY.)

- Electric Baseboards
- Electric Portable Heater
- Electric Fireplace
- Natural Gas Fireplace
- Wood Stove
- Wood Fireplace
- Other: \_\_\_\_\_
- Do not know

**5 What type of THERMOSTAT controls the main heating system?**

- No Thermostat - **Go to Question 10**
- Individual Unit or Room Control
- Manual Central Control (dial or slider)
- Programmable Thermostat
- Smart or Wi-fi Thermostat
- Other: \_\_\_\_\_
- Do not know

**6 How often do you TURN DOWN the temperature at night during the heating season?**

- Every Night
- Most Nights
- Occasionally
- Never
- Temperature is programmed
- No Thermostat

**7 If you have a programmable (7 day) thermostat, is it currently programmed and running on a setback schedule?**

- Do not have a programmable thermostat
- Yes, it is programmed
- No, it is not programmed

**8 If you have a Smart or Wi-fi thermostat, do you use the remote features?**

- Do not have a SMART or WiFi thermostat
- Yes, regularly control remotely
- Yes, occasionally control remotely
- No, do not control remotely

**9 Are there plans to install within the NEXT 12 MONTHS a Smart or Wi-fi thermostat at this residence?**

- <sup>1</sup>  Yes, definitely      <sup>3</sup>  No, already have one  
<sup>2</sup>  Yes, maybe      <sup>3</sup>  No, not at all

**10 Do you use a DEHUMIDIFIER?**

- <sup>1</sup>  Yes      <sup>2</sup>  No      <sup>3</sup>  Do not know

**11 Do you use a HUMIDIFIER?**

- <sup>1</sup>  Yes      <sup>2</sup>  No      <sup>3</sup>  Do not know

**12 Is there a HEAT RECOVERY VENTILATION SYSTEM (HRV) used to control the air quality at this residence?**

- <sup>1</sup>  No HRV System      <sup>3</sup>  Yes, but HRV is not operating  
<sup>2</sup>  Yes, HRV is operating      <sup>4</sup>  Do not know

## Section 3

## Air Conditioning

**1 What type of AIR CONDITIONER is used to cool this residence?**

- <sup>1</sup>  No Air Conditioner – Go to SECTION 4  
<sup>2</sup>  Heat Pump  
<sup>3</sup>  Window or Wall Air Conditioner  
<sup>4</sup>  Central Air Conditioner

**2 What is the age of the MAIN air conditioning system?**

- <sup>1</sup>  0–3 years      <sup>4</sup>  10–12 years      <sup>7</sup>  21–25 years  
<sup>2</sup>  4–6 years      <sup>5</sup>  13–15 years      <sup>8</sup>  Over 25 years  
<sup>3</sup>  7–9 years      <sup>6</sup>  16–20 years      <sup>9</sup>  Do not know

**3 Is this the original air conditioning system installed at this residence or has it been replaced?**

- <sup>1</sup>  Yes, it is the original system  
<sup>2</sup>  No, it has been replaced  
<sup>3</sup>  Do not know

**4 How often do you adjust the temperature at night during the cooling season?**

- <sup>1</sup>  Every night      <sup>3</sup>  Occasionally      <sup>5</sup>  Temperature is programmed  
<sup>2</sup>  Most nights      <sup>4</sup>  Never      <sup>6</sup>  Do not know

## Section 4

## Hot Water

### 1 Is there a **HOT WATER TANK** used at this residence?

- 1  No Hot Water Tank – Go to SECTION 5
- 2  Shared Central Supply (Serving two or more residences) – Go to SECTION 5
- 3  Private Individual Hot Water Tank (Used solely by your household.)
- 4  Tankless Water Heater

### 2 What type of fuel is used to **HEAT** your WATER?

- 1  Electricity
- 2  Natural Gas
- 3  Propane
- 4  Fuel Oil
- 5  Wood
- 6  Solar
- 7  Other: \_\_\_\_\_
- 8  Do not know

### 3 What is the **AGE** of the water heater?

- 1  0–3 years
- 2  4–6 years
- 3  7–9 years
- 4  10–12 years
- 5  13–15 years
- 6  16–20 years
- 7  21–25 years
- 8  Over 25 years
- 9  Do not know

### 4 Has the water always been heated with the fuel indicated in Question 2?

- 1  Yes, always
- 2  No, **previously** heated with **Natural Gas** and **now** heating with **Electricity**
- 3  No, **previously** heated with **Electricity** and **now** heating with **Natural Gas**
- 4  No, **previously** heated with **Propane** and **now** heating with **Electricity**
- 5  No, other: \_\_\_\_\_
- 6  Do not know

### 5 On average, how many total showers are taken by your household per day?

- 1  None
- 2  Rarely shower
- 3  One
- 4  Two
- 5  Three
- 6  Four
- 7  Five
- 8  Six or more

### 6 Have any of the following been done to **CONSERVE** water and energy?

(CHECK ALL THAT APPLY.)

- 1  Installed Energy Efficient Showerhead(s) (up to 1.6 gal/min)
- 1  Installed Energy Efficient Faucet Aerator(s)
- 1  Installed Water Heater Blanket/Insulation
- 1  Installed Energy Efficient Toilets (1.6 or less gal/flush)
- 1  Lowered Water Heater Temperature
- 1  Installed Pipe Wrap

## Section 5

## Major Appliances

### 1 Please indicate the MAIN COOKING fuel used at this residence.

- 1  None  
2  Electric Cooking  
3  Wood Cooking  
4  Natural Gas Cooking  
5  Propane Cooking  
6  Other: \_\_\_\_\_

#### • AVERAGE COOKED MEALS PER DAY:

- 1  One meal  
2  Two meals  
3  Three meals  
4  Four meals  
5  Five meals  
6  Other: \_\_\_\_\_

### 2 What is the AGE of your main cooking appliance?

- 1  0–3 years  
2  4–6 years  
3  7–9 years  
4  10–12 years  
5  13–15 years  
6  16–20 years  
7  21–25 years  
8  Over 25 years  
9  Do not know

### 3 How many REFRIGERATORS are used at this residence?

- 1  None – Go to Question 4  
2  One  
3  Two  
4  Three or More

#### a) Please indicate the MAIN REFRIGERATOR that is used at this residence.

- SIZE: 1  Small (12 cu. ft. or less)  
2  Medium (13 to 16 cu. ft.)  
3  Large (17 to 22 cu. ft.)  
4  Extra Large (Over 22 cu. ft.)

- AGE: (years) 1  0–3 years  
2  4–6 years  
3  7–9 years  
4  10–12 years  
5  13–15 years  
6  16–20 years  
7  21–25 years  
8  Over 25 years  
9  Do not know

#### b) Please indicate the SECOND REFRIGERATOR that is used at this residence.

- 1  None – Go to Question 4

- SIZE: 1  Small (12 cu. ft. or less)  
2  Medium (13 to 16 cu. ft.)  
3  Large (17 to 22 cu. ft.)  
4  Extra Large (Over 22 cu. ft.)

- AGE: (years) 1  0–3 years  
2  4–6 years  
3  7–9 years  
4  10–12 years  
5  13–15 years  
6  16–20 years  
7  21–25 years  
8  Over 25 years  
9  Do not know

**4 How many stand-alone FREEZERS are used at this residence?**

(DO NOT INCLUDE FREEZER COMPARTMENT OF YOUR REFRIGERATOR)

- <sup>1</sup>  None – Go to Question 5      <sup>2</sup>  One      <sup>3</sup>  Two      <sup>4</sup>  Three or More

**a) Please indicate the MAIN stand-alone FREEZER that is used at this residence.**

- SIZE:      <sup>1</sup>  Small (12 cu. ft. or less)      <sup>3</sup>  Large (17 to 22 cu. ft.)  
<sup>2</sup>  Medium (13 to 16 cu. ft.)      <sup>4</sup>  Extra Large (Over 22 cu. ft.)

- AGE: (years)      <sup>1</sup>  0–3 years      <sup>4</sup>  10–12 years      <sup>7</sup>  21–25 years  
<sup>2</sup>  4–6 years      <sup>5</sup>  13–15 years      <sup>8</sup>  Over 25 years  
<sup>3</sup>  7–9 years      <sup>6</sup>  16–20 years      <sup>9</sup>  Do not know

**b) Please indicate the SECOND stand-alone FREEZER that is used at this residence.**

- <sup>1</sup>  None – Go to Question 5

- SIZE:      <sup>1</sup>  Small (12 cu. ft. or less)      <sup>3</sup>  Large (17 to 22 cu. ft.)  
<sup>2</sup>  Medium (13 to 16 cu. ft.)      <sup>4</sup>  Extra Large (Over 22 cu. ft.)

- AGE: (years)      <sup>1</sup>  0–3 years      <sup>4</sup>  10–12 years      <sup>7</sup>  21–25 years  
<sup>2</sup>  4–6 years      <sup>5</sup>  13–15 years      <sup>8</sup>  Over 25 years  
<sup>3</sup>  7–9 years      <sup>6</sup>  16–20 years      <sup>9</sup>  Do not know

**5 Is there an automatic DISHWASHER used at this residence?**

- <sup>1</sup>  No Automatic Dishwasher – Go to Question 6      <sup>2</sup>  Yes

• AVERAGE LOADS PER WEEK:

- <sup>1</sup>  1–3 loads      <sup>3</sup>  7–9 loads      <sup>5</sup>  Other: \_\_\_\_\_  
<sup>2</sup>  4–6 loads      <sup>4</sup>  Over 9 loads

- AGE: (years)      <sup>1</sup>  0–3 years      <sup>4</sup>  10–12 years      <sup>7</sup>  21–25 years  
<sup>2</sup>  4–6 years      <sup>5</sup>  13–15 years      <sup>8</sup>  Over 25 years  
<sup>3</sup>  7–9 years      <sup>6</sup>  16–20 years      <sup>9</sup>  Do not know

6

**Is there a CLOTHES WASHER used at this residence?**

- Do not have a Clothes Washer – [Go to Question 7](#)
- Use laundry facility outside the residence  
(e.g., apartment block laundry room or laundromat) – [Go to Question 7](#)
- Top Load Automatic Clothes Washer with agitator
- Front Load or Top Load Automatic Clothes Washer without agitator
- Other

• **AVERAGE LOADS PER WEEK:**

- 1–3 loads       7–9 loads       Other: \_\_\_\_\_
- 4–6 loads       Over 9 loads

- **AGE: (years)**
- 0–3 years       10–12 years       21–25 years
  - 4–6 years       13–15 years       Over 25 years
  - 7–9 years       16–20 years       Do not know

7

**Is there a CLOTHES DRYER used at this residence?**

- No Clothes Dryer – [Go to SECTION 6](#)
- Use laundry facility outside the residence  
(e.g., apartment block laundry room or laundromat) – [Go to SECTION 6](#)
- AUTOMATIC CLOTHES DRYER**

- **DRYER FUEL:**
- Electricity       Propane
  - Natural Gas       Other: \_\_\_\_\_

• **AVERAGE LOADS PER WEEK:**

- 1–3 loads       7–9 loads       Other: \_\_\_\_\_
- 4–6 loads       Over 9 loads

- **AGE: (years)**
- 0–3 years       10–12 years       21–25 years
  - 4–6 years       13–15 years       Over 25 years
  - 7–9 years       16–20 years       Do not know

## Section 6

## Electronics & Lighting

**1 What type and number of the following electronics are in USE at this residence?**  
 (CHECK ONE FOR EACH ELECTRONIC TYPE)

	None	One	Two	Three	Four	Five+
Television	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Set Top Box	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
DVD/Blu-ray	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Gaming Console	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Desktop Computer	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Laptop Computer	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Tablet	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Cell Phone Charger	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>

**2 Do you have INTERNET ACCESS at this residence?**

- 1  No  
 2  Yes, through home internet only  
 3  Yes, through mobile device only  
 4  Yes, through both home internet and mobile device

**3 What telephone service is there at this residence?**

- 1  No telephone service  
 2  Landline ONLY  
 3  Cell phone ONLY  
 4  BOTH Landline and cell phone

**4 Approximately how many of each type of light bulbs do you have installed at this residence?** (INCLUDING EXTERIOR LIGHTS BUT EXCLUDING SEASONAL OR HOLIDAY LIGHTS – CHECK ONE FOR EACH LIGHTING TYPE)

	None	1-5	6-10	10-20	20-30	30+
Incandescent	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Halogen	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Compact Fluorescent (CFL)	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Light Emitting Diode (LED)	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Tube Fluorescent	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>



**5 Manitoba Hydro has offered a total of five Spring and Fall instant rebate promotions on LED bulbs at participating retailers since 2014.**

**a) Approximately how many LED bulbs in total did you purchase through all of the Manitoba Hydro's instant rebate promotions?**

- 1  None                      4  6 to 10                      7  20 to 30  
 2  1 to 5                      5  10 to 20                      8  30+

**b) Approximately how many LED bulbs did you purchase while the Manitoba Hydro's instant rebate promotions were NOT on?**

- 1  None                      4  6 to 10                      7  20 to 30  
 2  1 to 5                      5  10 to 20                      8  30+

**c) Did the Manitoba Hydro's instant rebate promotions influence your decision to purchase LED bulbs?**

- 1  I did not buy any LED bulbs                      3  Somewhat influenced  
 2  Did not influence                      4  Strongly influenced

**d) If Manitoba Hydro did not offer the instant rebate promotion, would you have purchased the same number of LED bulbs?**

- 1  Would not have purchased without the program  
 2  Would have purchased less without the program  
 3  Would have purchased the same amount  
 4  Have not purchased or installed any LED bulbs

**6 Are there any strings of OUTDOOR SEASONAL or HOLIDAY lights in use at this residence?**

- 1  No                      3  Yes, Incandescent lights  
 2  Yes, LED lights                      4  Yes, both LED and Incandescent lights

## Section 7

## Pool & Vehicles

**1 Does this residence have a SWIMMING POOL?**

- 1  No                      3  Yes, outdoor above ground  
 2  Yes, indoor            4  Yes, outdoor below ground

**a) POOL HEATING FUEL:**

- 1  Not Heated              4  Ground Source              6  Propane Heater  
 2  Electric Heater              Heat Pump              7  Solar Blanket  
 3  Air Source Heat Pump 5  Natural Gas Heater      8  Do not know

**2 How many VEHICLES are usually plugged in by your household during the winter months? (NOVEMBER – MARCH)**

- 1  None – Go to SECTION 8    3  Two                      5  Four or More  
 2  One                      4  Three

**3 For your most COMMONLY used vehicle, please indicate your normal routine during the winter months. (NOVEMBER – MARCH)**

- a) PARKED IN:** 1  Detached Garage    3  Carport/Shelter              5  Outside  
 2  Attached Garage    4  Underground Parkade

- b) CAR TIMER FOR BLOCKHEATER:** 1  Yes    2  No

- c) INTERIOR CAR WARMER:** 1  Yes    2  No

## Section 8

## PowerSmart Programs

**1 Please check all the Power Smart programs you have PARTICIPATED in while at your PRESENT RESIDENCE? (CHECK AS MANY AS APPLY.)**

- 1  Affordable Energy Program  
 1  Appliance Rebate Program  
 1  Earth Power (Geothermal) Loan  
 1  Home Insulation Program  
 1  LED Light Bulb In-store Rebate Promotions  
 1  LED Light fixture or Lighting Controls In-store Rebate Promotions  
 1  Plug-in timers, power bars, or showerheads In-store Rebate Promotions  
 1  Weatherstripping or Window kits In-store Rebate Promotions  
 1  New Home Program  
 1  PAY AS YOU SAVE (PAYS) financing  
 1  Refrigerator Retirement Program  
 1  Residential Loan  
 1  Smart Thermostat Rebate Program  
 1  Water and Energy Saver Program (Free kit provided)  
 1  Solar Energy Program

**2 How influential were Manitoba Hydro's Power Smart programs, rebates, and information material in your decision to do the following: (CHECK ONE BOX FOR EACH ITEM)**

	Did Not Install/Buy	Did Not Influence	Somewhat Influenced	Strongly Influenced
Upgrade Home Insulation	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
Install New Heating System	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
Buy New Refrigerator	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
Buy New Freezer	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
Buy New Clothes Washer	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
Buy Smart WiFi Thermostat	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>

**3 What best describes what has been done in your current home to reduce energy use?**

- |   |   |
|---|---|
| 1 <input type="checkbox"/> All that can be done           | 4 <input type="checkbox"/> Not much has been done |
| 2 <input type="checkbox"/> Most of what can be done       | 5 <input type="checkbox"/> Nothing has been done  |
| 3 <input type="checkbox"/> About half of what can be done | 6 <input type="checkbox"/> Do not know            |

## Section 9

## Bills & Rates

**1 Please indicate how you or anyone in your household USUALLY pays the Manitoba Hydro bill? (CHECK ONLY ONE)**

- |   |  |
|---|--|
| 1 <input type="checkbox"/> In-Person - at a Manitoba Hydro office | 6 <input type="checkbox"/> By Telephone  |
| 2 <input type="checkbox"/> In-Person - at a designated agency     | 7 <input type="checkbox"/> Third Party Pays For Bill<br>(i.e. Band Council or Social Services) |
| 3 <input type="checkbox"/> By Mail                                | 8 <input type="checkbox"/> Other: _____  |
| 4 <input type="checkbox"/> On-Line                                | 9 <input type="checkbox"/> Do not know   |
| 5 <input type="checkbox"/> Pre-Authorized Payment Plan            |  |

**2 How often do you check your energy bill?**

- |   |  |  |
|---|--|--|
| 1 <input type="checkbox"/> Every month    | 3 <input type="checkbox"/> 1 to 4 times a year | 5 <input type="checkbox"/> Do not know |
| 2 <input type="checkbox"/> Every 2 months | 4 <input type="checkbox"/> Never check my bill |  |

**3 Are you aware of Manitoba Hydro's MYBILL method of receiving bills by email?**

- 1  Yes                      2  No

**4 Would you be interested in receiving your Manitoba Hydro bill by email?**

- |                                |  |  |
|--------------------------------|--|--|
| 1 <input type="checkbox"/> Yes | 3 <input type="checkbox"/> Not sure                                    | 5 <input type="checkbox"/> Have no internet access |
| 2 <input type="checkbox"/> No  | 4 <input type="checkbox"/> Already receive monthly Hydro bill by email |  |

**5 In the last year, how many times did you access the Manitoba Hydro website?**

- |                                 |                                   |                                    |                                    |
|---------------------------------|-----------------------------------|------------------------------------|------------------------------------|
| 1 <input type="checkbox"/> Zero | 2 <input type="checkbox"/> 1 to 5 | 3 <input type="checkbox"/> 6 to 10 | 4 <input type="checkbox"/> Over 10 |
|---------------------------------|-----------------------------------|------------------------------------|------------------------------------|

**6 When you do check your bill, what do you mainly look at? (CHECK ALL THAT APPLY.)**

- Due date  
 Specific charges such as taxes and rates  
 Dollar amount owing  
 Equal Payment Plan amount  
 Current usage amount  
 Meter readings  
 Usage history  
 Never check my bill

**7 In the PAST TWO YEARS, how many times have you reduced spending on the following items in order to pay for a Manitoba Hydro bill? (CHECK ONE BOX FOR EACH ITEM.)**

	Never	One	Two	Three	Four +	Choose Not to Answer
Food	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Loans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clothing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Entertainment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Travel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cell Phone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cable TV	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transportation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gifts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Medical Expenses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:	_____					

**8 In the PAST TWO YEARS, how many times have you missed paying a Manitoba Hydro bill because of financial difficulties?**

- Never have missed a payment due to financial difficulties  
 Once  
 Two times  
 Three times  
 Four times  
 Over four times  
 Choose not to answer

**9 If in the PAST TWO YEARS you missed paying a Manitoba Hydro bill, what made it hard for you to make that payment? (CHECK ALL THAT APPLY.)**

- It has NOT been hard for me to make Manitoba Hydro bill payments  
 Loan or Mortgage payments  
 Job loss  
 Property taxes  
 Separation or Divorce  
 Unexpected major expenses  
 Retirement  
 Other: \_\_\_\_\_  
 Reduced or insufficient paycheck  
 Choose not to answer

**10 How do you think you compare to similar households that heat the same way you do, that is with electricity, natural gas, or by some other means?**

- Use a lot more electricity  
 Use a little more electricity  
 Use about the same amount of electricity  
 Use a little less electricity  
 Use a lot less electricity  
 Do not know

**11 How do Manitoba Hydro's residential electric rates compare to what other utilities charge in other provinces or states?**

- |  |   |
|--|---|
| <input type="checkbox"/> Rates are a lot higher    | <input type="checkbox"/> Rates are a little lower |
| <input type="checkbox"/> Rates are a little higher | <input type="checkbox"/> Rates are a lot lower    |
| <input type="checkbox"/> Rates are about the same  | <input type="checkbox"/> Do not know              |

**12 The electric portion of your energy bill is determined by the amount of electricity you use which is measured in kilo-watt hours and the rate charged for each kilo-watt hour. What do you think Manitoba Hydro's residential electric rate per kilo-watt hour is?**

- It is the same regardless of the amount of electricity used each month
- Rises to a higher price for any electricity used beyond a specific amount for that month
- Drops to a lower price for any electricity used beyond a specific amount for that month
- Do not know

**13 Increasing rates after a certain level of usage is reached may encourage people to lower their energy use. What do you think of this idea?**

- I agree it would lower energy use and I support this idea
- I agree it would lower energy use but I do not support this idea
- I disagree it would lower energy use but I support this idea
- I disagree it would lower energy use and I do not support this idea
- Do not know

## Section 10

## Household Demographics

The following questions are very important in explaining energy usage. Please try to answer these questions. If you are uncomfortable in answering any of them, just mark the 'Choose not to answer' box.

**1 Including yourself, how many persons usually live in your residence?**

- |                                       |                                |                               |   |
|---------------------------------------|--------------------------------|-------------------------------|---|
| <input type="checkbox"/> One (myself) | <input type="checkbox"/> Three | <input type="checkbox"/> Five | <input type="checkbox"/> Seven or more        |
| <input type="checkbox"/> Two          | <input type="checkbox"/> Four  | <input type="checkbox"/> Six  | <input type="checkbox"/> Choose not to answer |

**2 Please indicate what age group of people are usually living in your residence,**

(CHECK AS MANY AS APPLY.)

- |   |                                      |   |
|---|--------------------------------------|---|
| <input type="checkbox"/> Under 18 years | <input type="checkbox"/> 35-44 years | <input type="checkbox"/> 65-74 years          |
| <input type="checkbox"/> 18-24 years    | <input type="checkbox"/> 45-54 years | <input type="checkbox"/> 75 and older         |
| <input type="checkbox"/> 25-34 years    | <input type="checkbox"/> 55-64 years | <input type="checkbox"/> Choose not to answer |

**3 Do you identify yourself as an Indigenous person, that is a person of First Nations, Metis, or Inuit ancestry?**

- 1  No
- 2  Yes, First Nations with Secure Certificate of Indian Status (SCIS)
- 3  Yes, First Nations with no Secure Certificate of Indian Status (SCIS)
- 4  Yes, Metis with Metis Citizenship Card
- 5  Yes, Metis with no Metis Citizenship Card
- 6  Yes, Inuit with Secure Certificate of Indian Status (SCIS)
- 7  Yes, Inuit with no Secure Certificate of Indian Status (SCIS)
- 8  Choose not to answer

**4 What language other than English is spoken in your household?**

- |   |  |  |
|---|--|--|
| 1 <input type="checkbox"/> English only                       | 8 <input type="checkbox"/> Michif              | 16 <input type="checkbox"/> Polish               |
| 2 <input type="checkbox"/> French                             | 9 <input type="checkbox"/> Oji-Cree            | 17 <input type="checkbox"/> Russian              |
| 3 <input type="checkbox"/> Anishinaabe<br>(Ojibway/Saulteaux) | 10 <input type="checkbox"/> German             | 18 <input type="checkbox"/> Portugese            |
| 4 <input type="checkbox"/> Cree (Ininew)                      | 11 <input type="checkbox"/> Tagalog (Filipino) | 19 <input type="checkbox"/> Italian              |
| 5 <input type="checkbox"/> Dakota                             | 12 <input type="checkbox"/> Ukranian           | 20 <input type="checkbox"/> Arabic               |
| 6 <input type="checkbox"/> Déné (Sayisi)                      | 13 <input type="checkbox"/> Punjabi            | 21 <input type="checkbox"/> Greek                |
| 7 <input type="checkbox"/> Inuktitut                          | 14 <input type="checkbox"/> Spanish            | 22 <input type="checkbox"/> Other: _____         |
|   | 15 <input type="checkbox"/> Mandarin           | 23 <input type="checkbox"/> Choose not to answer |

**5 What is your approximate TOTAL ANNUAL HOUSEHOLD INCOME?**

(ALL SOURCES BEFORE TAXES)

- |  |   |  |
|--|---|--|
| 1 <input type="checkbox"/> Under \$20,000    | 7 <input type="checkbox"/> \$50,000-\$54,999  | 13 <input type="checkbox"/> \$80,000-\$89,999    |
| 2 <input type="checkbox"/> \$20,000-\$24,999 | 8 <input type="checkbox"/> \$55,000-\$59,999  | 14 <input type="checkbox"/> \$90,000-\$99,999    |
| 3 <input type="checkbox"/> \$25,000-\$29,999 | 9 <input type="checkbox"/> \$60,000-\$64,999  | 15 <input type="checkbox"/> \$100,000-\$124,999  |
| 4 <input type="checkbox"/> \$30,000-\$34,999 | 10 <input type="checkbox"/> \$65,000-\$69,999 | 16 <input type="checkbox"/> \$125,000-\$149,999  |
| 5 <input type="checkbox"/> \$35,000-\$39,999 | 11 <input type="checkbox"/> \$70,000-\$74,999 | 17 <input type="checkbox"/> \$150,000 or over    |
| 6 <input type="checkbox"/> \$40,000-\$49,999 | 12 <input type="checkbox"/> \$75,000-\$79,999 | 18 <input type="checkbox"/> Choose not to answer |

**6 Please indicate the HIGHEST EDUCATION LEVEL attained by the head of household?**

- 1  No certificate, diploma or degree
- 2  High school certificate or equivalent
- 3  Apprenticeship or trades certificate or diploma
- 4  College, CEGEP or other non-university certificate or diploma
- 5  University certificate or diploma below bachelor level
- 6  Bachelor's degree
- 7  Degree in medicine, dentistry, veterinary medicine or optometry
- 8  Master's degree
- 9  Earned doctorate
- 10  Other
- 11  Choose not to answer

**THANK YOU**  
FOR YOUR TIME AND COOPERATION

Please mail this completed form in the postage  
paid self-addressed envelope provided or to:

**RESIDENTIAL ENERGY USE SURVEY  
MARKET FORECAST DEPARTMENT**

Manitoba Hydro  
7<sup>th</sup> Floor 360 Portage Avenue  
Winnipeg, MB R3C 0G8

**THANK YOU  
FOR YOUR TIME AND COOPERATION**

Available in accessible formats upon request.

Please answer the survey for the address shown on the **FRONT COVER**.  
Return the completed questionnaire in the postage paid envelope provided.



# 2017 Residential Energy Use Survey

## Dear Customer:

Help us deliver the best service possible to you by completing the 2017 Manitoba Hydro Energy Use Survey. By taking time to answer the following questions, you will help Manitoba Hydro assess the energy use characteristics of our residential customers. Your participation in this survey will enable us to better serve you and effectively plan for the future.

All responses will be treated in the strictest confidence.



Kinanaskomitin  
Miigwech  
Kinanakomin  
Wopida  
Mashi'cho



Please answer the survey for the address shown BELOW. Return the completed questionnaire in the postage paid envelope provided.



\*Manitoba Hydro is a licensee of the Trademark and Official Mark.

Your responses will only be used by Manitoba Hydro for its business purposes, such as the planning, development, implementation, administration, marketing, tracking, evaluation, and reporting, of its operations and programs. For inquiries concerning the collection of any personal information contained in this form or if you have any questions concerning this survey please contact:

**204.360.3447**  
(Weekdays 8:00 a.m. to 3:00 p.m.)

Outside Winnipeg, call collect.

Please return the completed questionnaire in the postage paid envelope provided, or mail to:

**RESIDENTIAL ENERGY USE SURVEY  
MARKET FORECAST DEPARTMENT**  
Manitoba Hydro  
7<sup>th</sup> Floor 360 Portage Avenue  
Winnipeg, MB R3C 0G8

**THANK YOU FOR YOUR TIME AND COOPERATION**

# Section 1

## Your Residence

Please answer all the questions by marking an “x” in the box(es) beside the appropriate answer OR print your answer in the space provided. If you are unsure of a particular answer, mark the “Do not know” box.

### 1 What best describes this residence ?

- |  |   |
|--|---|
| 1 <input type="checkbox"/> Single Family House (Detached)    | 6 <input type="checkbox"/> Mobile Home/Trailer                    |
| 2 <input type="checkbox"/> Side by Side (Two Attached Units) | 7 <input type="checkbox"/> Rowhouse/Townhouse (Exterior Entrance) |
| 3 <input type="checkbox"/> Duplex (Upper Unit)               | 8 <input type="checkbox"/> Apartment Suite or Condominium unit    |
| 4 <input type="checkbox"/> Duplex (Lower Unit)               | 9 <input type="checkbox"/> Cottage or Seasonal Residence          |
| 5 <input type="checkbox"/> Triplex/Fourplex                  | 10 <input type="checkbox"/> Other: _____                          |

### 2 Do you OWN or RENT this residence ?

- 1  Own/Buying    2  Rent/Lease    3  Band Housing    4  Other

### 3 How many STORIES is this residence (excluding basement area)?

- |   |   |  |
|---|---|--|
| 1 <input type="checkbox"/> 1 storey     | 4 <input type="checkbox"/> 2 1/2 storey | 7 <input type="checkbox"/> Cab-Over                    |
| 2 <input type="checkbox"/> 1 1/2 storey | 5 <input type="checkbox"/> Bi-level     | 8 <input type="checkbox"/> Individual Suite/Condo Unit |
| 3 <input type="checkbox"/> 2 storey     | 6 <input type="checkbox"/> Split level  | 9 <input type="checkbox"/> Other: _____                |

### 4 When was this residence originally BUILT?

- |   |                                      |  |
|---|--------------------------------------|--|
| 1 <input type="checkbox"/> 2010–present | 5 <input type="checkbox"/> 1970–1979 | 9 <input type="checkbox"/> 1930–1939       |
| 2 <input type="checkbox"/> 2000–2009    | 6 <input type="checkbox"/> 1960–1969 | 10 <input type="checkbox"/> 1920–1929      |
| 3 <input type="checkbox"/> 1990–1999    | 7 <input type="checkbox"/> 1950–1959 | 11 <input type="checkbox"/> 1919 or before |
| 4 <input type="checkbox"/> 1980–1989    | 8 <input type="checkbox"/> 1940–1949 | 12 <input type="checkbox"/> Do not know    |

### 5 What is the SIZE of this residence in square feet?

(EXCLUDE BASEMENT AND GARAGE AREAS. ANSWER “5a”, IF POSSIBLE.)

a) Specify size if KNOWN: \_\_\_\_\_ square feet.

b) If UNKNOWN, choose the approximate size range in square feet.

- |  |   |   |
|--|---|---|
| 1 <input type="checkbox"/> Under 500 sq ft   | 6 <input type="checkbox"/> 1,301–1,500 sq ft  | 11 <input type="checkbox"/> 2,301–2,500 sq ft |
| 2 <input type="checkbox"/> 501–700 sq ft     | 7 <input type="checkbox"/> 1,501–1,700 sq ft  | 12 <input type="checkbox"/> 2,501–2,700 sq ft |
| 3 <input type="checkbox"/> 701–900 sq ft     | 8 <input type="checkbox"/> 1,701–1,900 sq ft  | 13 <input type="checkbox"/> 2,701–2,900 sq ft |
| 4 <input type="checkbox"/> 901–1,100 sq ft   | 9 <input type="checkbox"/> 1,901–2,100 sq ft  | 14 <input type="checkbox"/> 2,901–3,100 sq ft |
| 5 <input type="checkbox"/> 1,101–1,300 sq ft | 10 <input type="checkbox"/> 2,101–2,300 sq ft | 15 <input type="checkbox"/> over 3,100 sq ft  |

**6 How many of each type of WINDOWS are in this residence?**

(CHECK ONE FOR EACH WINDOW TYPE.)

	None	Less than 5	5 to 10	Over 10
Single Pane	<sup>1</sup> <input type="checkbox"/>	<sup>2</sup> <input type="checkbox"/>	<sup>3</sup> <input type="checkbox"/>	<sup>4</sup> <input type="checkbox"/>
Dual Pane	<sup>1</sup> <input type="checkbox"/>	<sup>2</sup> <input type="checkbox"/>	<sup>3</sup> <input type="checkbox"/>	<sup>4</sup> <input type="checkbox"/>
Triple Pane	<sup>1</sup> <input type="checkbox"/>	<sup>2</sup> <input type="checkbox"/>	<sup>3</sup> <input type="checkbox"/>	<sup>4</sup> <input type="checkbox"/>
Storm Pane	<sup>1</sup> <input type="checkbox"/>	<sup>2</sup> <input type="checkbox"/>	<sup>3</sup> <input type="checkbox"/>	<sup>4</sup> <input type="checkbox"/>

**7 Please indicate the level of insulation currently in your ATTIC:**

- <sup>1</sup>  No Attic <sup>5</sup>  Fair (R-12 to R-19)  
<sup>2</sup>  Excellent (R-50+) <sup>6</sup>  Poor (R-0 to R-11)  
<sup>3</sup>  Very Good (R-30 to R-49) <sup>7</sup>  Do not know  
<sup>4</sup>  Good (R-20 to R-29)

**8 Please indicate the level of insulation currently in your EXTERIOR WALLS:**

- <sup>1</sup>  Excellent (R-25+) <sup>4</sup>  Fair (R-8 to R-11)  
<sup>2</sup>  Very Good (R-20 to R-24) <sup>5</sup>  Poor (R-0 to R-7)  
<sup>3</sup>  Good (R-12 to R-19) <sup>6</sup>  Do not know

**9 Please indicate which of the following best describes the BASEMENT (foundation) of this residence:**

- <sup>1</sup>  No Basement - [Go to Question 10](#) <sup>5</sup>  Crawl Space  
<sup>2</sup>  Slab on Grade <sup>6</sup>  Partial and Crawlspace  
<sup>3</sup>  Full Basement <sup>7</sup>  Other: \_\_\_\_\_  
<sup>4</sup>  Partial Basement <sup>8</sup>  Do not know

**a) What amount of this residence's basement foundation walls are insulated?**

- <sup>1</sup>  No Insulation <sup>4</sup>  Fully Insulated (90% or more)  
<sup>2</sup>  Partially Insulated (up to 49%) <sup>5</sup>  Do not know  
<sup>3</sup>  Mostly Insulated (50% to 89%)

**b) What type is the basement wall insulation?**

- <sup>1</sup>  No Insulation <sup>5</sup>  Insulate Concrete Forms (ICF)  
<sup>2</sup>  Fiberglass Batting <sup>6</sup>  Other: \_\_\_\_\_  
<sup>3</sup>  Rigid Foam Board <sup>7</sup>  Do not know  
<sup>4</sup>  Spray Foam

**c) What amount of this residence's basement area is finished?**

- <sup>1</sup>  Totally Unfinished (0%) <sup>4</sup>  Fully Finished (90% or more)  
<sup>2</sup>  Partially Finished (up to 49%) <sup>5</sup>  Do not know  
<sup>3</sup>  Mostly Finished (50% to 89%)

**10 Does this residence have any of the following problems?**

(CHECK ALL THAT APPLY.)

- |   |  |
|---|--|
| <input type="checkbox"/> Lingered odours, cooking smells, stale air | <input type="checkbox"/> Condensation in attic     |
| <input type="checkbox"/> High humidity in winter                    | <input type="checkbox"/> Mold and mildew           |
| <input type="checkbox"/> Low humidity in winter                     | <input type="checkbox"/> Ice dams on roof          |
| <input type="checkbox"/> Window condensation                        | <input type="checkbox"/> Water leakage in basement |
|   | <input type="checkbox"/> Other: _____              |

**11 In the last THREE YEARS, have any of the following upgrade projects been done at this residence? (CHECK ALL THAT APPLY.)**

- Replaced windows
- Insulated basement or crawlspace
- Insulated the exterior walls
- Insulated the attic or ceiling
- Caulked to reduce air leakage

## Section 2

## Heating System

**1 What is the MAIN HEATING SYSTEM used to heat this residence?**

(CHECK ONLY ONE.)

- |   |  |
|---|--|
| <input type="checkbox"/> <b>Electric</b> Baseboards         | <input type="checkbox"/> <b>Wood</b> Stove/Furnace |
| <input type="checkbox"/> <b>Electric</b> Forced Air Furnace | <input type="checkbox"/> <b>Propane</b> Furnace    |
| <input type="checkbox"/> <b>Electric</b> Boiler             | <input type="checkbox"/> <b>Oil</b> Furnace        |
| <input type="checkbox"/> Heat Pump - Geothermal             | <input type="checkbox"/> Other: _____              |
| <input type="checkbox"/> Heat Pump - Air Source             | <input type="checkbox"/> Do not know               |

**2 What is the AGE of the main heating system?**

- |                                    |                                      |  |
|------------------------------------|--------------------------------------|--|
| <input type="checkbox"/> 0–3 years | <input type="checkbox"/> 10–12 years | <input type="checkbox"/> 21–25 years   |
| <input type="checkbox"/> 4–6 years | <input type="checkbox"/> 13–15 years | <input type="checkbox"/> Over 25 years |
| <input type="checkbox"/> 7–9 years | <input type="checkbox"/> 16–20 years | <input type="checkbox"/> Do not know   |

**3 Has this residence always been heated with the same space heating fuel?**

- <sup>1</sup>  Yes, always
- <sup>4</sup>  No, **previously** heated with **Propane** or **Wood** or **Coal** or **Oil** and **now** heating with **Electricity**
- <sup>5</sup>  Other: \_\_\_\_\_
- <sup>6</sup>  Do not know

**4 What other HEATING SYSTEMS are used to heat this residence?**

(CHECK ALL THAT APPLY.)

- <sup>1</sup>  Electric Baseboards
- <sup>1</sup>  Wood Stove
- <sup>1</sup>  Electric Portable Heater
- <sup>1</sup>  Wood Fireplace
- <sup>1</sup>  Electric Fireplace
- <sup>1</sup>  Other: \_\_\_\_\_
- <sup>1</sup>  Do not know

**5 What type of THERMOSTAT controls the main heating system?**

- <sup>1</sup>  No Thermostat - *Go to Question 10*
- <sup>5</sup>  Smart or Wi-fi Thermostat
- <sup>2</sup>  Individual Unit or Room Control
- <sup>6</sup>  Other: \_\_\_\_\_
- <sup>3</sup>  Manual Central Control (dial or slider)
- <sup>7</sup>  Do not know
- <sup>4</sup>  Programmable Thermostat

**6 How often do you TURN DOWN the temperature at night during the heating season?**

- <sup>1</sup>  Every Night
- <sup>3</sup>  Occasionally
- <sup>5</sup>  Temperature is programmed
- <sup>2</sup>  Most Nights
- <sup>4</sup>  Never
- <sup>6</sup>  No Thermostat

**7 If you have a programmable (7 day) thermostat, is it currently programmed and running on a setback schedule?**

- <sup>1</sup>  Do not have a programmable thermostat
- <sup>2</sup>  Yes, it is programmed
- <sup>3</sup>  No, it is not programmed

**8 If you have a Smart or Wi-fi thermostat, do you use the remote features?**

- <sup>1</sup>  Do not have a SMART or WiFi thermostat
- <sup>2</sup>  Yes, regularly control remotely
- <sup>3</sup>  Yes, occasionally control remotely
- <sup>4</sup>  No, do not control remotely

**9 Are there plans to install within the NEXT 12 MONTHS a Smart or Wi-fi thermostat at this residence?**

- <sup>1</sup>  Yes, definitely      <sup>3</sup>  No, already have one  
<sup>2</sup>  Yes, maybe      <sup>3</sup>  No, not at all

**10 Do you use a DEHUMIDIFIER?**

- <sup>1</sup>  Yes      <sup>2</sup>  No      <sup>3</sup>  Do not know

**11 Do you use a HUMIDIFIER?**

- <sup>1</sup>  Yes      <sup>2</sup>  No      <sup>3</sup>  Do not know

**12 Is there a HEAT RECOVERY VENTILATION SYSTEM (HRV) used to control the air quality at this residence?**

- <sup>1</sup>  No HRV System      <sup>3</sup>  Yes, but HRV is not operating  
<sup>2</sup>  Yes, HRV is operating      <sup>4</sup>  Do not know

## Section 3

## Air Conditioning

**1 What type of AIR CONDITIONER is used to cool this residence?**

- <sup>1</sup>  No Air Conditioner – Go to SECTION 4  
<sup>2</sup>  Heat Pump  
<sup>3</sup>  Window or Wall Air Conditioner  
<sup>4</sup>  Central Air Conditioner

**2 What is the age of the MAIN air conditioning system?**

- <sup>1</sup>  0–3 years      <sup>4</sup>  10–12 years      <sup>7</sup>  21–25 years  
<sup>2</sup>  4–6 years      <sup>5</sup>  13–15 years      <sup>8</sup>  Over 25 years  
<sup>3</sup>  7–9 years      <sup>6</sup>  16–20 years      <sup>9</sup>  Do not know

**3 Is this the original air conditioning system installed at this residence or has it been replaced?**

- <sup>1</sup>  Yes, it is the original system  
<sup>2</sup>  No, it has been replaced  
<sup>3</sup>  Do not know

**4 How often do you adjust the temperature at night during the cooling season?**

- <sup>1</sup>  Every night      <sup>3</sup>  Occasionally      <sup>5</sup>  Temperature is programmed  
<sup>2</sup>  Most nights      <sup>4</sup>  Never      <sup>6</sup>  Do not know

## Section 4

## Hot Water

### 1 Is there a HOT WATER TANK used at this residence?

- 1  No Hot Water Tank – Go to SECTION 5
- 2  Shared Central Supply (Serving two or more residences) – Go to SECTION 5
- 3  Private Individual Hot Water Tank (Used solely by your household.)
- 4  Tankless Water Heater

### 2 What type of fuel is used to HEAT your WATER?

- 1  Electricity
- 2  Propane
- 3  Fuel Oil
- 4  Wood
- 5  Solar
- 6  Other: \_\_\_\_\_
- 7  Do not know

### 3 What is the AGE of the water heater?

- 1  0–3 years
- 2  4–6 years
- 3  7–9 years
- 4  10–12 years
- 5  13–15 years
- 6  16–20 years
- 7  21–25 years
- 8  Over 25 years
- 9  Do not know

### 4 Has the water always been heated with the fuel indicated in Question 2?

- 1  Yes, always
- 2  No, **previously** heated with **Propane** and **now** heating with **Electricity**
- 3  No, other: \_\_\_\_\_
- 4  Do not know

### 5 On average, how many total showers are taken by your household per day?

- 1  None
- 2  Rarely shower
- 3  One
- 4  Two
- 5  Three
- 6  Four
- 7  Five
- 8  Six or more

### 6 Have any of the following been done to CONSERVE water and energy?

(CHECK ALL THAT APPLY.)

- 1  Installed Energy Efficient Showerhead(s) (up to 1.6 gal/min)
- 1  Installed Energy Efficient Faucet Aerator(s)
- 1  Installed Water Heater Blanket/Insulation
- 1  Installed Energy Efficient Toilets (1.6 or less gal/flush)
- 1  Lowered Water Heater Temperature
- 1  Installed Pipe Wrap



## Section 5

## Major Appliances

### 1 Please indicate the MAIN COOKING fuel used at this residence.

- 1  None  
2  Electric Cooking  
3  Wood Cooking  
4  Propane Cooking  
5  Other: \_\_\_\_\_

#### • AVERAGE COOKED MEALS PER DAY:

- 1  One meal  
2  Two meals  
3  Three meals  
4  Four meals  
5  Five meals  
6  Other: \_\_\_\_\_

### 2 What is the AGE of your main cooking appliance?

- 1  0–3 years  
2  4–6 years  
3  7–9 years  
4  10–12 years  
5  13–15 years  
6  16–20 years  
7  21–25 years  
8  Over 25 years  
9  Do not know

### 3 How many REFRIGERATORS are used at this residence?

- 1  None – Go to Question 4  
2  One  
3  Two  
4  Three or More

#### a) Please indicate the MAIN REFRIGERATOR that is used at this residence.

- SIZE: 1  Small (12 cu. ft. or less)  
2  Medium (13 to 16 cu. ft.)  
3  Large (17 to 22 cu. ft.)  
4  Extra Large (Over 22 cu. ft.)

- AGE: (years) 1  0–3 years  
2  4–6 years  
3  7–9 years  
4  10–12 years  
5  13–15 years  
6  16–20 years  
7  21–25 years  
8  Over 25 years  
9  Do not know

#### b) Please indicate the SECOND REFRIGERATOR that is used at this residence.

- 1  None – Go to Question 4

- SIZE: 1  Small (12 cu. ft. or less)  
2  Medium (13 to 16 cu. ft.)  
3  Large (17 to 22 cu. ft.)  
4  Extra Large (Over 22 cu. ft.)

- AGE: (years) 1  0–3 years  
2  4–6 years  
3  7–9 years  
4  10–12 years  
5  13–15 years  
6  16–20 years  
7  21–25 years  
8  Over 25 years  
9  Do not know

**4 How many stand-alone FREEZERS are used at this residence?**

(DO NOT INCLUDE FREEZER COMPARTMENT OF YOUR REFRIGERATOR)

- <sup>1</sup>  None – Go to Question 5      <sup>2</sup>  One      <sup>3</sup>  Two      <sup>4</sup>  Three or More

**a) Please indicate the MAIN stand-alone FREEZER that is used at this residence.**

- SIZE:      <sup>1</sup>  Small (12 cu. ft. or less)      <sup>3</sup>  Large (17 to 22 cu. ft.)  
<sup>2</sup>  Medium (13 to 16 cu. ft.)      <sup>4</sup>  Extra Large (Over 22 cu. ft.)

- AGE: (years)      <sup>1</sup>  0–3 years      <sup>4</sup>  10–12 years      <sup>7</sup>  21–25 years  
<sup>2</sup>  4–6 years      <sup>5</sup>  13–15 years      <sup>8</sup>  Over 25 years  
<sup>3</sup>  7–9 years      <sup>6</sup>  16–20 years      <sup>9</sup>  Do not know

**b) Please indicate the SECOND stand-alone FREEZER that is used at this residence.**

- <sup>1</sup>  None – Go to Question 5

- SIZE:      <sup>1</sup>  Small (12 cu. ft. or less)      <sup>3</sup>  Large (17 to 22 cu. ft.)  
<sup>2</sup>  Medium (13 to 16 cu. ft.)      <sup>4</sup>  Extra Large (Over 22 cu. ft.)

- AGE: (years)      <sup>1</sup>  0–3 years      <sup>4</sup>  10–12 years      <sup>7</sup>  21–25 years  
<sup>2</sup>  4–6 years      <sup>5</sup>  13–15 years      <sup>8</sup>  Over 25 years  
<sup>3</sup>  7–9 years      <sup>6</sup>  16–20 years      <sup>9</sup>  Do not know

**5 Is there an automatic DISHWASHER used at this residence?**

- <sup>1</sup>  No Automatic Dishwasher – Go to Question 6      <sup>2</sup>  Yes

• AVERAGE LOADS PER WEEK:

- <sup>1</sup>  1–3 loads      <sup>3</sup>  7–9 loads      <sup>5</sup>  Other: \_\_\_\_\_  
<sup>2</sup>  4–6 loads      <sup>4</sup>  Over 9 loads

- AGE: (years)      <sup>1</sup>  0–3 years      <sup>4</sup>  10–12 years      <sup>7</sup>  21–25 years  
<sup>2</sup>  4–6 years      <sup>5</sup>  13–15 years      <sup>8</sup>  Over 25 years  
<sup>3</sup>  7–9 years      <sup>6</sup>  16–20 years      <sup>9</sup>  Do not know

6

**Is there a CLOTHES WASHER used at this residence?**

- <sup>1</sup>  Do not have a Clothes Washer – [Go to Question 7](#)  
<sup>2</sup>  Use laundry facility outside the residence  
(e.g., apartment block laundry room or laundromat) – [Go to Question 7](#)  
<sup>3</sup>  Top Load Automatic Clothes Washer with agitator  
<sup>4</sup>  Front Load or Top Load Automatic Clothes Washer without agitator  
<sup>5</sup>  Other

• **AVERAGE LOADS PER WEEK:**

- <sup>1</sup>  1–3 loads      <sup>3</sup>  7–9 loads      <sup>5</sup>  Other: \_\_\_\_\_  
<sup>2</sup>  4–6 loads      <sup>4</sup>  Over 9 loads

- **AGE: (years)** <sup>1</sup>  0–3 years    <sup>4</sup>  10–12 years    <sup>7</sup>  21–25 years  
<sup>2</sup>  4–6 years    <sup>5</sup>  13–15 years    <sup>8</sup>  Over 25 years  
<sup>3</sup>  7–9 years    <sup>6</sup>  16–20 years    <sup>9</sup>  Do not know

7

**Is there a CLOTHES DRYER used at this residence?**

- <sup>1</sup>  No Clothes Dryer – [Go to SECTION 6](#)  
<sup>2</sup>  Use laundry facility outside the residence  
(e.g., apartment block laundry room or laundromat) – [Go to SECTION 6](#)  
<sup>3</sup>  **AUTOMATIC CLOTHES DRYER**

- **DRYER FUEL:** <sup>1</sup>  Electricity      <sup>4</sup>  Other: \_\_\_\_\_  
<sup>3</sup>  Propane

• **AVERAGE LOADS PER WEEK:**

- <sup>1</sup>  1–3 loads      <sup>3</sup>  7–9 loads      <sup>5</sup>  Other: \_\_\_\_\_  
<sup>2</sup>  4–6 loads      <sup>4</sup>  Over 9 loads

- **AGE: (years)** <sup>1</sup>  0–3 years    <sup>4</sup>  10–12 years    <sup>7</sup>  21–25 years  
<sup>2</sup>  4–6 years    <sup>5</sup>  13–15 years    <sup>8</sup>  Over 25 years  
<sup>3</sup>  7–9 years    <sup>6</sup>  16–20 years    <sup>9</sup>  Do not know

## Section 6

## Electronics & Lighting

**1 What type and number of the following electronics are in USE at this residence?**  
 (CHECK ONE FOR EACH ELECTRONIC TYPE)

	None	One	Two	Three	Four	Five+
Television	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Set Top Box	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
DVD/Blu-ray	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Gaming Console	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Desktop Computer	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Laptop Computer	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Tablet	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Cell Phone Charger	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>

**2 Do you have INTERNET ACCESS at this residence?**

- 1  No  
 2  Yes, through home internet only  
 3  Yes, through mobile device only  
 4  Yes, through both home internet and mobile device

**3 What telephone service is there at this residence?**

- 1  No telephone service  
 2  Landline ONLY  
 3  Cell phone ONLY  
 4  BOTH Landline and cell phone

**4 Approximately how many of each type of light bulbs do you have installed at this residence?** (INCLUDING EXTERIOR LIGHTS BUT EXCLUDING SEASONAL OR HOLIDAY LIGHTS – CHECK ONE FOR EACH LIGHTING TYPE)

	None	1-5	6-10	10-20	20-30	30+
Incandescent	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Halogen	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Compact Fluorescent (CFL)	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Light Emitting Diode (LED)	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Tube Fluorescent	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>

**5** Manitoba Hydro has offered a total of five Spring and Fall instant rebate promotions on LED bulbs at participating retailers since 2014.

**a) Approximately how many LED bulbs in total did you purchase through all of the Manitoba Hydro's instant rebate promotions?**

- 1  None                      4  6 to 10                      7  20 to 30  
 2  1 to 5                      5  10 to 20                      8  30+

**b) Approximately how many LED bulbs did you purchase while the Manitoba Hydro's instant rebate promotions were NOT on?**

- 1  None                      4  6 to 10                      7  20 to 30  
 2  1 to 5                      5  10 to 20                      8  30+

**c) Did the Manitoba Hydro's instant rebate promotions influence your decision to purchase LED bulbs?**

- 1  I did not buy any LED bulbs      3  Somewhat influenced  
 2  Did not influence                      4  Strongly influenced

**d) If Manitoba Hydro did not offer the instant rebate promotion, would you have purchased the same number of LED bulbs?**

- 1  Would not have purchased without the program  
 2  Would have purchased less without the program  
 3  Would have purchased the same amount  
 4  Have not purchased or installed any LED bulbs

**6** Are there any strings of OUTDOOR SEASONAL or HOLIDAY lights in use at this residence?

- 1  No                      3  Yes, Incandescent lights  
 2  Yes, LED lights                      4  Yes, both LED and Incandescent lights

## Section 7

## Vehicles

**1** How many **VEHICLES** are usually plugged in by your household during the winter months? (NOVEMBER – MARCH)

- <sup>1</sup>  None – Go to SECTION 8    <sup>3</sup>  Two    <sup>5</sup>  Four or More  
<sup>2</sup>  One    <sup>4</sup>  Three

**2** For your most **COMMONLY** used vehicle, please indicate your normal routine during the winter months. (NOVEMBER – MARCH)

- a) **PARKED IN:** <sup>1</sup>  Detached Garage    <sup>3</sup>  Carport/Shelter  
<sup>2</sup>  Attached Garage    <sup>5</sup>  Outside

b) **CAR TIMER FOR BLOCKHEATER:** <sup>1</sup>  Yes    <sup>2</sup>  No

c) **INTERIOR CAR WARMER:** <sup>1</sup>  Yes    <sup>2</sup>  No

## Section 8

## PowerSmart Programs

**1** Please check all the Power Smart programs you have **PARTICIPATED** in while at your **PRESENT RESIDENCE?** (CHECK AS MANY AS APPLY.)

- <sup>1</sup>  Affordable Energy Program
- <sup>1</sup>  Appliance Rebate Program
- <sup>1</sup>  Earth Power (Geothermal) Loan
- <sup>1</sup>  Home Insulation Program
- <sup>1</sup>  LED Light Bulb In-store Rebate Promotions
- <sup>1</sup>  LED Light fixture or Lighting Controls In-store Rebate Promotions
- <sup>1</sup>  Plug-in timers, power bars, or showerheads In-store Rebate Promotions
- <sup>1</sup>  Weatherstripping or Window kits In-store Rebate Promotions
- <sup>1</sup>  New Home Program
- <sup>1</sup>  PAY AS YOU SAVE (PAYS) financing
- <sup>1</sup>  Refrigerator Retirement Program
- <sup>1</sup>  Residential Loan
- <sup>1</sup>  Smart Thermostat Rebate Program
- <sup>1</sup>  Water and Energy Saver Program (Free kit provided)
- <sup>1</sup>  Solar Energy Program

**2 How influential were Manitoba Hydro's Power Smart programs, rebates, and information material in your decision to do the following: (CHECK ONE BOX FOR EACH ITEM)**

	Did Not Install/Buy	Did Not Influence	Somewhat Influenced	Strongly Influenced
Upgrade Home Insulation	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
Install New Heating System	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
Buy New Refrigerator	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
Buy New Freezer	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
Buy New Clothes Washer	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
Buy Smart WiFi Thermostat	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>

**3 What best describes what has been done in your current home to reduce energy use?**

- |   |   |
|---|---|
| 1 <input type="checkbox"/> All that can be done           | 4 <input type="checkbox"/> Not much has been done |
| 2 <input type="checkbox"/> Most of what can be done       | 5 <input type="checkbox"/> Nothing has been done  |
| 3 <input type="checkbox"/> About half of what can be done | 6 <input type="checkbox"/> Do not know            |

## Section 9

## Bills & Rates

**1 Please indicate how you or anyone in your household USUALLY pays the Manitoba Hydro bill? (CHECK ONLY ONE)**

- |   |  |
|---|--|
| 1 <input type="checkbox"/> In-Person - at a Manitoba Hydro office | 6 <input type="checkbox"/> By Telephone  |
| 2 <input type="checkbox"/> In-Person - at a designated agency     | 7 <input type="checkbox"/> Third Party Pays For Bill<br>(i.e. Band Council or Social Services) |
| 3 <input type="checkbox"/> By Mail                                | 8 <input type="checkbox"/> Other: _____  |
| 4 <input type="checkbox"/> On-Line                                | 9 <input type="checkbox"/> Do not know   |
| 5 <input type="checkbox"/> Pre-Authorized Payment Plan            |  |

**2 How often do you check your energy bill?**

- |   |  |  |
|---|--|--|
| 1 <input type="checkbox"/> Every month    | 3 <input type="checkbox"/> 1 to 4 times a year | 5 <input type="checkbox"/> Do not know |
| 2 <input type="checkbox"/> Every 2 months | 4 <input type="checkbox"/> Never check my bill |  |

**3 Are you aware of Manitoba Hydro's MYBILL method of receiving bills by email?**

- 1  Yes      2  No

**4 Would you be interested in receiving your Manitoba Hydro bill by email?**

- |                                |  |  |
|--------------------------------|--|--|
| 1 <input type="checkbox"/> Yes | 3 <input type="checkbox"/> Not sure                                    | 5 <input type="checkbox"/> Have no internet access |
| 2 <input type="checkbox"/> No  | 4 <input type="checkbox"/> Already receive monthly Hydro bill by email |  |

**5 In the last year, how many times did you access the Manitoba Hydro website?**

- 1  Zero      2  1 to 5      3  6 to 10      4  Over 10

**6**

**When you do check your bill, what do you mainly look at? (CHECK ALL THAT APPLY.)**

- |   |   |
|---|---|
| <input type="checkbox"/> Due date             | <input type="checkbox"/> Specific charges such as taxes and rates |
| <input type="checkbox"/> Dollar amount owing  | <input type="checkbox"/> Equal Payment Plan amount                |
| <input type="checkbox"/> Current usage amount | <input type="checkbox"/> Meter readings                           |
| <input type="checkbox"/> Usage history        | <input type="checkbox"/> Never check my bill                      |

**7**

**In the PAST TWO YEARS, how many times have you reduced spending on the following items in order to pay for a Manitoba Hydro bill? (CHECK ONE BOX FOR EACH ITEM.)**

	Never	One	Two	Three	Four +	Choose Not to Answer
Food	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Loans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clothing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Entertainment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Travel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cell Phone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cable TV	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transportation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gifts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Medical Expenses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:	_____					

**8**

**In the PAST TWO YEARS, how many times have you missed paying a Manitoba Hydro bill because of financial difficulties?**

- |  |   |
|--|---|
| <input type="checkbox"/> Never have missed a payment due to financial difficulties | <input type="checkbox"/> Three times          |
| <input type="checkbox"/> Once  | <input type="checkbox"/> Four times           |
| <input type="checkbox"/> Two times   | <input type="checkbox"/> Over four times      |
|  | <input type="checkbox"/> Choose not to answer |

**9**

**If in the PAST TWO YEARS you missed paying a Manitoba Hydro bill, what made it hard for you to make that payment? (CHECK ALL THAT APPLY.)**

- |   |  |
|---|--|
| <input type="checkbox"/> It has NOT been hard for me to make Manitoba Hydro bill payments | <input type="checkbox"/> Loan or Mortgage payments |
| <input type="checkbox"/> Job loss   | <input type="checkbox"/> Property taxes            |
| <input type="checkbox"/> Separation or Divorce  | <input type="checkbox"/> Unexpected major expenses |
| <input type="checkbox"/> Retirement   | <input type="checkbox"/> Other: _____              |
| <input type="checkbox"/> Reduced or insufficient paycheck                                 | <input type="checkbox"/> Choose not to answer      |

**10**

**How do you think you compare to similar households that heat the same way you do, that is with electricity, natural gas, or by some other means?**

- |   |  |
|---|--|
| <input type="checkbox"/> Use a lot more electricity               | <input type="checkbox"/> Use a little less electricity |
| <input type="checkbox"/> Use a little more electricity            | <input type="checkbox"/> Use a lot less electricity    |
| <input type="checkbox"/> Use about the same amount of electricity | <input type="checkbox"/> Do not know                   |



**11 How do Manitoba Hydro's residential electric rates compare to what other utilities charge in other provinces or states?**

- Rates are a lot higher  Rates are a little lower  
 Rates are a little higher  Rates are a lot lower  
 Rates are about the same  Do not know

**12 The electric portion of your energy bill is determined by the amount of electricity you use which is measured in kilo-watt hours and the rate charged for each kilo-watt hour. What do you think Manitoba Hydro's residential electric rate per kilo-watt hour is?**

- It is the same regardless of the amount of electricity used each month  
 Rises to a higher price for any electricity used beyond a specific amount for that month  
 Drops to a lower price for any electricity used beyond a specific amount for that month  
 Do not know

**13 Increasing rates after a certain level of usage is reached may encourage people to lower their energy use. What do you think of this idea?**

- I agree it would lower energy use and I support this idea  
 I agree it would lower energy use but I do not support this idea  
 I disagree it would lower energy use but I support this idea  
 I disagree it would lower energy use and I do not support this idea  
 Do not know

## Section 10

## Household Demographics

The following questions are very important in explaining energy usage. Please try to answer these questions. If you are uncomfortable in answering any of them, just mark the 'Choose not to answer' box.

**1 Including yourself, how many persons usually live in your residence?**

- One (myself)  Three  Five  Seven or more  
 Two  Four  Six  Choose not to answer

**2 Please indicate what age group of people are usually living in your residence,**

(CHECK AS MANY AS APPLY.)

- Under 18 years  35-44 years  65-74 years  
 18-24 years  45-54 years  75 and older  
 25-34 years  55-64 years  Choose not to answer

**3 Do you identify yourself as an Indigenous person, that is a person of First Nations, Metis, or Inuit ancestry?**

- 1  No
- 2  Yes, First Nations with Secure Certificate of Indian Status (SCIS)
- 3  Yes, First Nations with no Secure Certificate of Indian Status (SCIS)
- 4  Yes, Metis with Metis Citizenship Card
- 5  Yes, Metis with no Metis Citizenship Card
- 6  Yes, Inuit with Secure Certificate of Indian Status (SCIS)
- 7  Yes, Inuit with no Secure Certificate of Indian Status (SCIS)
- 8  Choose not to answer

**4 What language other than English is spoken in your household?**

- 1  English only
- 2  French
- 3  Anishinaabe (Ojibway/Saulteaux)
- 4  Cree (Ininew)
- 5  Dakota
- 6  D  n   (Sayisi)
- 7  Inuktitut
- 8  Michif
- 9  Oji-Cree
- 22  Other: \_\_\_\_\_
- 23  Choose not to answer

**5 What is your approximate TOTAL ANNUAL HOUSEHOLD INCOME?**

(ALL SOURCES BEFORE TAXES)

- 1  Under \$20,000
- 2  \$20,000-\$24,999
- 3  \$25,000-\$29,999
- 4  \$30,000-\$34,999
- 5  \$35,000-\$39,999
- 6  \$40,000-\$49,999
- 7  \$50,000-\$54,999
- 8  \$55,000-\$59,999
- 9  \$60,000-\$64,999
- 10  \$65,000-\$69,999
- 11  \$70,000-\$74,999
- 12  \$75,000-\$79,999
- 13  \$80,000-\$89,999
- 14  \$90,000-\$99,999
- 15  \$100,000-\$124,999
- 16  \$125,000-\$149,999
- 17  \$150,000 or over
- 18  Choose not to answer

**6 Please indicate the HIGHEST EDUCATION LEVEL attained by the head of household?**

- 1  No certificate, diploma or degree
- 2  High school certificate or equivalent
- 3  Apprenticeship or trades certificate or diploma
- 4  College, CEGEP or other non-university certificate or diploma
- 5  University certificate or diploma below bachelor level
- 6  Bachelor's degree
- 7  Degree in medicine, dentistry, veterinary medicine or optometry
- 8  Master's degree
- 9  Earned doctorate
- 10  Other
- 11  Choose not to answer

**THANK YOU**  
FOR YOUR TIME AND COOPERATION

Please mail this completed form in the postage  
paid self-addressed envelope provided or to:

**RESIDENTIAL ENERGY USE SURVEY  
MARKET FORECAST DEPARTMENT**

Manitoba Hydro  
7<sup>th</sup> Floor 360 Portage Avenue  
Winnipeg, MB R3C 0G8

**THANK YOU  
FOR YOUR TIME AND COOPERATION**

Available in accessible formats upon request.

Please answer the survey for the address shown on the **FRONT COVER**.  
Return the completed questionnaire in the postage paid envelope provided.