

# VALUATION OF RESIDENTIAL AND CONDOMINIUM PROPERTIES

**2025 General Assessment** 

City of Winnipeg Assessment and Taxation Department December 18, 2023

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#### Introduction

This document provides an overview of the City of Winnipeg Assessment and Taxation Department's mass appraisal models for residential and condominium properties for the 2025 general assessment. These models predict the full market value of the fee simple interest for each property as of the reference date of April 1, 2023.

Direct comparison models were developed using multiple regression analysis. Multiple Regression is a statistical technique used to analyze data in order to predict one variable (the dependent variable), such as market value, from the known values of other variables (the independent variables), such as lot size, building size and neighbourhood. This technique replicates the sales comparison approach since multiple regression uses sales of properties to predict the market value of the unsold properties.

The residential regression model-building process involves establishing market regions and then developing an individual model specific to that region. The market models are combined additive models; they predict values for both residential vacant land and residential improved parcels. The model is a mathematical equation comprised of a constant component, which represents the base vacant land value for that market region, added to independent variables (property characteristics) multiplied by their coefficients to predict a value for each parcel.

The condominium regression model-building process involves developing two market models—one for apartment style condominiums and the other for non-apartment style condominiums. The models are multiplicative, which is a mathematical equation comprised of a constant component multiplied by percentage adjustments for independent variables (property characteristics) to predict a value for each condominium unit.

The ratio statistics for the residential and condominium models meet the *Standard on Ratio Studies* published by the International Association of Assessing Officers (approved April 2013).

#### **Data Collection**

#### Physical Characteristics

The physical descriptions of land and improvements are obtained and updated from field inspections, building plans, and property owners. This information is stored in the Assessment and Taxation Department's ADVIS database.

#### Sales

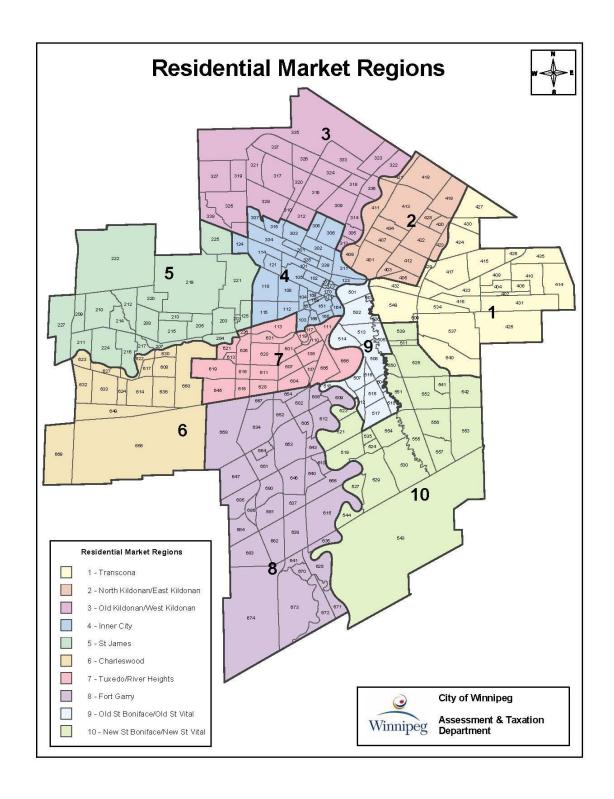
Basic details regarding transfers of land come from the Land Titles Office of the Property Registry. The sales are investigated to determine if they are arm's-length transfers and good indicators of market value.

### **Residential Market Regions**

For valuation purposes, the city is divided into 10 residential market regions. They were developed after careful examination of building type, age, sale prices, natural boundaries and volume of properties in each market region.

Market	General Description
Region	
1	Transcona
2	East Kildonan / North Kildonan
3	West Kildonan / Old Kildonan
4	Inner City
5	St James
6	Charleswood
7	Tuxedo / River Heights / Fort Rouge / Wolseley
8	Ft Garry / Lindenwoods
9	Old St Vital / Old St Boniface
10	New St Vital / New St Boniface

A map of the above market regions is shown on the following page.



# **Description of Residential Inventory**

The tables below show the residential inventory profile by market region, parcel use code, building style, age and building size (all counts are approximate at the time of this report). The vacant counts in the first table include vacant land parcels and properties with outbuildings only (VRES1 and RESOT).

Market Region		Count	
		Improved	Vacant
1	Transcona	15,923	646
2	East Kildonan / North Kildonan	23,128	171
3	West Kildonan / Old Kildonan	27,135	985
4	Inner City	22,728	488
5	St James	16,855	136
6	Charleswood	8,882	325
7	Tuxedo / River Heights / Fort Rouge / Wolseley	18,589	176
8	Ft Garry / Lindenwoods	24,102	857
9	Old St Vital / Old St Boniface	9,994	194
10	New St Vital / New St Boniface	26,687	629
Tot	al	194,023	4,607

<b>Parcel Use</b>	Code	Count
VRES1	Vacant Land Low Density	4,528
RESSD	Detached Single Dwelling	176,238
RESSS	Attached Single (Side by Side)	9,455
RESDU	Duplex	1,123
RESTR	Triplex	96
RESRH	Row Housing	1,874
RESMC	Multifamily Conversions	3,129
RESMU	Residential Multiple Use	207
RESMB	Residential Multiple Buildings	73
RESMA	Residential Multiple Attached Units	803
RESSU	Single Dwelling with Secondary Unit	630
RESRM	Rooming House	35
RESOT	Residential Outbuildings	79
RESGC	Residential Group Care Home	360
Total		198,630

Build	ing Style	Count
OS	One Storey	92,861
BL	Bi-level	11,528
CO	Cabover	4,020
TL	Three Level Split	2,179
FL	Four Level Split	5,210
OH	One and ½ Storey	17,833
O3	One and ¾ Storey	5,564
TS	Two Storey	47,986
TO	Two/One Storey	2,514
TH	Two and 1/2 Storey	4,289
T3	Three Storey	39
Total		194,023

Effective Year Built	Count
Before 1926	15,934
1926 to 1949	25,790
1950 to 1964	39,070
1965 to 1979	43,283
1980 to 1989	24,417
1990 to 1999	11,536
2000 to 2009	12,480
2010 to New	21,513
Total	194,023

Living Area (sqft)	Count
600 and less	1,720
601 to 1000	49,028
1001 to 1400	74,418
1401 to 1800	35,199
1801 to 2400	26,053
2401 to 3000	5,400
Over 3000	2,205
Total	194,023

# **Residential Independent Variables**

There are a number of property characteristics that are considered for each market model. The table below shows a list of variables that are considered primary value drivers and secondary value drivers.

Primary Variables	Secondary Variables
Neighbourhood	Other Attached Structures
Building Size	(sunrooms, verandas, etc.)
Lot Size	Other Detached Structures
Effective Year Built	Heating Type
Building Quality	Air Conditioning
Parcel Use Code	Pool
Building Style	Deck
Basement Size and Finish	Fireplace
Building Condition	Plumbing and Baths
Site Influences	
Attached and Detached Garages	

# **Description of Condominium Inventory**

The following tables show the condominium inventory profile by market region, building style, age and building size (all counts are approximate at the time of this report):

Mar	ket Region	Count
1	Transcona	1,182
2	East Kildonan / North Kildonan	1,291
3	West Kildonan / Old Kildonan	2,219
4	Inner City	2,245
5	St James	2,101
6	Charleswood	842
7	Tuxedo / River Heights / Fort Rouge / Wolseley	6,115
8	Ft Garry / Lindenwoods	5,785
9	Old St Vital / Old St Boniface	1,389
10	New St Vital / New St Boniface	3,385
Tota	ıl	26,554

Bui	lding Style	Count
A	Attached	5,092
D	Detached	277
G	Garden	3,177
Н	House Style Multi-Unit	111
P	Apartment	17,763
S	Semi-Detached	134
Tot	al	26,554

Effective Year Built	Count
Before 1921	176
1921 to 1960	468
1961 to 1980	6,862
1981 to 1999	7,747
2000 to 2010	3,950
2011 to New	7,351
Total	26,554

Living Area (sqft)	Count
600 and less	1,461
601 to 800	4,633
801 to 1000	7,578
1001 to 1400	9,434
1401 to 2000	3,140
Over 2000	308
Total	26,554

### **Condominium Independent Variables**

There are a number of property characteristics unique to the condominium complex and the condo unit itself which are considered for both market models. The table below shows a list of variables that are considered primary value drivers and secondary value drivers:

<b>Primary Variables</b>	Secondary Variables
Unit Size	Floor Location
Basement Size	Number of Floors in condo unit
Condominium Complex	Sunrooms, Balconies, Decks and Patios
Neighbourhood	View Features
Effective Year Built	Baths and Bedrooms
Unit Quality	Air Conditioning
Unit Condition	Pool
Attached Garages	Fireplaces

### **Time Adjustments**

The sales used to establish the values of all residential and condominium properties are time-adjusted to April 1, 2023 (the reference date for the 2025 general assessment).

In the two years leading up to the reference date (April 1, 2021 to April 1, 2023), house prices in Winnipeg increased, but not at a constant rate. There were two price trends in that two-year period. Prices increased steadily up to June 2022 and then decreased from that point to the reference date of April 1, 2023. Even after the decline, prices as of April 1, 2023 remained higher than they were as of April 1, 2021.

Condominium prices had trends similar to those of house prices leading up to April 1, 2023.

## **Testing and Evaluation of the Model**

The ratio statistics for the residential and condominium models meet the *Standard on Ratio Studies* published by the International Association of Assessing Officers (approved April 2013).