

# 2022

## ASSESSMENT METHODOLOGY

### MULTI-RESIDENTIAL HIGH-RISE APARTMENT

A summary of the methods used by the City of Edmonton in determining the value of multi-residential high-rise properties in Edmonton for assessment purposes.

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## Scope

This guide explains how Multi-Residential Highrise properties are valued for assessment purposes. The guide is intended as a tool and complements the assessor's judgment in the valuation process.

## Introduction

Property assessments in the City of Edmonton are prepared in accordance with the requirements of the Municipal Government Act, R.S.A. 2000, c. M-26, (hereinafter "MGA") and the *Matters Relating to Assessment and Taxation Regulation, 2018*, Alta Reg 203/17, (hereinafter "MRAT"). The MRAT regulation establishes the valuation standard to be used, defines the procedures to be applied, and proposes objectives for the quality to be achieved in the preparation of assessments. The legislation requires the municipality to prepare assessments that represent market value by application of the mass appraisal process. All assessments are expected to meet quality standards prescribed by the province in the MRAT regulation.

Property assessments represent:

- an estimate of the value;
- of the fee simple estate in the property;
- as the property existed on December 31, 2021;
- reflecting typical market conditions;
- as if the property had been sold on July 1, 2021;
- on the open market;
- from a willing seller to a willing buyer.

The assessment is a prediction of the value that would result when those specific, defined conditions are met.

The legislation requires the City of Edmonton to assess the fee simple estate.

"Fee simple interest [is] absolute ownership unencumbered by any other interest or estate... leased fee interest [is] the ownership interest held by the lessor, which includes the right to the contract rent specified in the lease plus the reversionary right when the lease expires... leasehold interest [is] the interest held by the lessee (the tenant or renter) through a lease conveying the rights of use and occupancy for a stated term under certain conditions."

*Appraisal Institute of Canada, **The Appraisal of Real Estate Third Canadian Edition**,  
Vancouver, Canada, 2010, page 6.4*

Both *market value* and *property*, along with additional terms are defined in the *MGA* and *MRAT* :

s.284(1)(r) "**property**" means

- (i) a parcel of land
- (ii) an improvement, or
- (iii) a parcel of land and the improvements to it

**MGA** .s.284(1)(r)

s.1(k) "**regulated property**" means

- (i) land in respect of which the valuation standard is agricultural use value,
- (ii) designated industrial property, or
- (iii) machinery and equipment

**MRAT** s.1(k)

s.9(1) the **valuation standard** for the land and improvements is market value unless subsection (2)... applies

**MRAT** s.9(1)

s.1(1)(n) "**market value**" means the amount that a property, as defined in section 284(1)(r), might be expected to realize if it is sold on the open market by a willing seller to a willing buyer

**MGA** s.1(1)(n)

s.5 An assessment of property based on **market value**

- (a) must be prepared using mass appraisal,
- (b) must be an estimate of the value of the fee simple estate in the property, and
- (c) must reflect typical market conditions for properties similar to that property

**MRAT** s.5

s.289(2) Each assessment must reflect

- (a) the characteristics and physical condition of the property on **December 31** of the year prior to the year in which a tax is imposed

**MGA** s.289(2)(a)

s.6 Any assessment prepared in accordance with the Act must be an estimate of the value of a property on **July 1** of the assessment year

**MRAT** s.6

s.1(g) "**mass appraisal**" means the process of preparing assessments for a group of properties using standard methods and common data and allowing for statistical testing

**MRAT** s.1(g)

## Mass Appraisal

Mass appraisal is the legislated methodology used by the City of Edmonton for valuing individual properties, and involves the following process:

- properties are stratified into groups of comparable properties
- common property characteristics are identified for the properties in each group
- a uniform valuation model is created for each property group

31(c) **“valuation model”** means the representation of the relationship between property characteristics and their value in the real estate marketplace using a mass appraisal process

**MRAT s.31(c)**

The following two quotations indicate how the International Association of Assessing Officers distinguishes between mass appraisal and single-property appraisal:

“... single-property appraisal is the valuation of a particular property as of a given date: mass appraisal is the valuation of many properties as of a given date, using standard procedures and statistical testing.”

“Also, mass appraisal requires standardized procedures across many properties. Thus, valuation models developed for mass appraisal purposes must represent supply and demand patterns for groups of properties rather than a single property.”

***Property Appraisal and Assessment Administration, pg. 88-89***

For both mass appraisal and single-property appraisal, the process consists of the following stages:

	Mass Appraisal	Single Appraisal
<b>Definition and Purpose</b>	Mass appraisal is used to determine the assessment base for property taxation in accordance with legislative requirements	The client specifies the nature of the value to be estimated, this includes: rights to be valued, effective date of valuation, and any limiting conditions.
<b>Data Collection</b>	Mass appraisal requires a database of property characteristics and market information.	The extent of data collection is specific to each assignment and depends on the nature of the client's requirements.
<b>Market Analysis</b>	Mass appraisal is predicated on highest and best use.	Market analysis includes the analysis of highest and best use
<b>Valuation Model</b>	Valuation procedures are predicated on groups of comparable properties.	Subject property is the focus of the valuation. The analysis of comparable properties is generally six or less
<b>Validation</b>	The testing of acceptable analysis and objective criteria	The reliability of the value estimate is more subjective. Acceptability can be judged by the depth of research and analysis of comparable sales

## Valuation Model

A valuation model creates an equation of variables, factors and coefficients that explains the relationship between estimated market value and property characteristics. An assessed value is then calculated by applying the appropriate valuation model to individual properties within a property type.

- s31 (a) **“coefficient”** means a number that represents the quantified relationship of each variable to the assessed value of a property when derived through a mass appraisal process
- (b) **“factor”** means a property characteristic that contributes to a value of a property;
- (d) **“variable”** means a quantitative or qualitative representation of a property characteristic used in a valuation model

*MRAT, s.31 (a), (b) and (d)*

- s.33 Information prescribed ... does not include coefficients

*MRAT, s.33(3)*

### Valuation Model

- variables are identified from property characteristics
- statistical analysis determines how variables affect market value
- factors and coefficients are determined
- the resulting valuation models are applied to property characteristics

## Property Groups

The use of a property determines the property groupings and the valuation model applied.

**use:** the purpose or activities for which a piece of land or its buildings are designed, arranged, developed or intended, or for which it is occupied or maintained..

**Zoning Bylaw No. 12800, 207, s. 6.117**

### Multi-Residential

The Multi-Residential group consists of investment properties with four or more dwelling units, each having one or more rooms accommodating sitting, sleeping, and sanitary facilities. In addition, each dwelling most often has a kitchen. Excluded from this group are those still under construction and dormitories.

### Subgroup

Some property groups have subgroups based on property characteristics. This guide is for the highrise apartment subgroup.

**Highrise Apartment** is defined as a building that has eight or more storeys above grade and with five or more dwelling units.

## Approaches to Value

The approaches to determine market value are the direct comparison, income, and cost approaches.

### Direct Comparison Approach

Typical market value (or some other characteristic) is determined by referencing comparable sales and other market data. It is often used when sufficient sales or market data is available. It may also be referred to as the Sales Comparison Approach.

### Income Approach

This approach considers the typical actions of renters, buyers and sellers when purchasing income-producing properties. This approach estimates the typical market value of a property by determining the present value of the projected income stream. Often used to value rental or leased property.

### Cost Approach

Typical market value is calculated by adding the depreciated replacement cost of the improvements to the estimated value of land. It is often used for properties under construction or when there is limited market data available.

### Income Approach (Multi-Residential)

For this property type, the assessment is determined using the income approach. The income approach best reflects the typical actions of buyers and sellers when purchasing income-producing



properties. The City of Edmonton requests financial information from owners during the annual Request for Information (RFI) process.

Annually, property owners are required to provide the following via the RFI process:

- A completed Multi-Residential Tenant Roll form including information about the property's profile. This includes occupancy type (owner, tenant, vacant), suite type, suite location, suite size, actual rent, market rent, inclusion of furnishing, and whether rents are subsidized.
- Year-end financial statements including the Income Statement, a Schedule of Income and Expenses, and notes.
- A completed parking roll form including parking type, the number of stalls, and rate per stall.
- Yearly Expenses for owner occupied properties including power, water & sewer, gas, waste removal, insurance and structural repairs.

Two models are created to work in tandem. One calculates a Potential Gross Income (PGI) using rental information and the second calculates a Gross Income Multiplier (GIM) using sale information and the PGI model. For the 2022 potential gross income model, tenant roll information from April 1, 2021 to July 1, 2021 was analyzed.

For 2022, the current RFI includes a request for information reflecting the impact of COVID-19 from property owners. The City analyzed information provided by property owners in response to the RFI, including information reflecting the impact of COVID-19.

Sales information is received from the Land Titles Office. Sales are validated. Validation may include site inspections, interviews with involved parties, a review of land title documents, corporate searches, third party information, and sales validation questionnaires. The resulting validated sales are used to develop gross income multipliers to use in the income approach. ***Sale price reflects the condition of a property on the sale date and may not be equal to the assessed value.***

For the 2022 valuation of highrise apartment property, sales occurring from July 1, 2018 to June 30, 2021 were used. Time adjustments are applied to sale prices to account for any market fluctuations occurring between the sale date and the legislated valuation date.

### Income Approach Definitions

To provide a clear understanding of the terms used in the income approach, the following definitions are supplied:

**Typical market rent** is the rent currently prevailing in the market for properties comparable to the subject property (otherwise known as current economic rent). Current economic or market rents are used to form the basis of the valuation as opposed to actual rents, because in many cases actual rents reflect historical revenues derived from leases negotiated before the valuation date. In determining potential gross income, the assessor is not bound by the contractual rent between the landlord and tenant, but must determine rental income on the basis of what is typically paid in the market at the time of valuation.

**Potential gross income (PGI)** is the total current market rent for all suite types that would be collected if the property were fully occupied at the date of valuation. Rent roll and income data from property owners is analyzed to develop the typical PGI valuation model.

***For highrise, potential gross income is derived by adding the typical market rent of all units and typical parking and laundry income.***

$$\text{Typical Market Rent (all units)} + \text{Typical Parking and Laundry Income} = \text{PGI}$$

**Vacancy and Collection Loss Allowance** is a deduction from the potential gross income for typical vacancy and collection losses, assuming current market conditions and typical management. Vacancy losses are best described as an allowance for vacant space. Collection losses are considered unpaid rents that the landlord is unlikely to recover.

**Tenant inducements** are incentives, such as free or discounted rent, cable, internet, or utilities, that are provided by landlords either to attract new tenants or retain existing tenants.

These allowances are usually expressed as a percentage of potential gross income. They are determined for each market area by analyzing reported vacancies, collection losses and tenant inducements from the owner's annual financial statements. These three deductions are presented in the chart below.

Market Area	Vacancy	Collection Loss	Tenant Inducements
1B	5.00%	1.00%	4.50%
1C	5.00%	1.00%	4.50%
3	4.75%	1.00%	6.50%
All other	5.25%	1.00%	7.50%

**Effective gross income (EGI)** is the anticipated income from rent, parking and laundry of real property adjusted for vacancy, collection loss and tenant inducement.

$$\text{PGI} - \text{Vacancy \& Collection Loss} - \text{Tenant Inducement} = \text{EGI}$$

**Gross income multiplier (GIM)** expresses the relationship between property value and PGI. It is derived from the market analysis of sales.

$$\frac{\text{Time Adjusted Sale Price}}{[\text{PGI Valuation Model} \text{ less } \text{Vacancy \& Collection Loss} \text{ less } \text{Tenant Inducement}]} = \text{GIM}$$

Theoretically, a GIM is a product of the factors that determine how much an investor will pay now for future income. An investor will consider the degree of risk involved; the estimated/potential income stream; the expected time the investment will be profitable; and the percentage attributable to operating expenses. These factors are directly related to the type, location, condition, and other attributes of the property.

The results of the two valuation models [PGI and GIM] are combined to determine value.

$$[\text{PGI} \text{ less } \text{Vacancy \& Collection Loss} \text{ less } \text{Tenant Inducement}] \times \text{GIM} = \text{Market Value Estimate}$$

The two models are applied in tandem to the entire highrise property group to calculate an assessed value for each property.

# Sample Assessment Detail Report

## 2022 Property Assessment Detail Report Assessment and Taxation



Account 999999

<b>Report Date</b>	November 22, 2021
<b>2022 Assessed Value</b>	<b>\$1,031,000</b>
<b>Date of Issue</b>	January 14, 2022
<b>Property Address</b>	1001 SAMPLE AVENUE
<b>Legal Description</b>	Plan: 00000 Block: 00 Lot: 00
<b>Zoning</b>	RF5 - Row Housing District
<b>Effective Zoning</b>	RF5 - Row Housing District
<b>Neighbourhood</b>	
<b>Lot Size</b>	1604.28
<b>Actual Build Year</b>	1984
<b>Assessment Class</b>	OTHER RESIDENTIAL
<b>Property Use</b>	100 % Row house
<b>Taxable Status</b>	January 1 - December 31, 2022; FULLY TAXABLE
<b>Unit of Measurement</b>	METRIC (metres, square metres)

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### Factors Used to Calculate Your 2022 Assessed Value

VARIABLE	FACTOR	MARKET VALUE APPROACH	INCOME
		TYPE	
Building type	ROW HOUSING	Account	
Market area	X	Site	
Effective year built	1984	Account	
Number of storeys	2	Account	
Condition	AVERAGE	Account	
Balconies	PRESENT	Account	
Elevator	ABSENT	Account	
Commercial component	ABSENT	Account	
Number of three-bedroom suites	6	Account	
Total number of suites	6	Account	
Residential gross area	843	Account	

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## 2022 Property Assessment Detail Report Assessment and Taxation



Account 999999

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VARIABLE	FACTOR	MARKET VALUE APPROACH	
		INCOME	TYPE
Average suite size	140		Account
Potential gross income (PGI)		100,367	Account
Vacancy and collection loss allowance	0.0525	-5,269	Account
Tenant inducement allowance	0.0525	-5,269	Account
Effective gross income (EGI)		89,828	Account
Gross income multiplier (GIM)	11.48		Account
Multi-residential assessed value		1,031,000	Account
Multi-residential assessed value per suite	171833		Account

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## Variables

Not all variables affect market value. Below is the list of variables that affect the assessment value for 2022.

Potential Gross Income		Gross Income Multiplier
Average Suite Size	Laundry	Building Type
Balconies	Market Area	Effective Year Built
Building Type	Parking	Market Area
Condition	Number of Suites with River Valley View	
Effective Year Built	Suite Mix	

**Average suite size:** The total residential gross building area (square metres) divided by the number of suites in the building. Residential gross building area is the total floor area of a building, including below-grade space but excluding unenclosed areas, measured from the exterior of the walls. All enclosed floors of the building including basements, mechanical equipment floors, penthouses, and the like are included in the measurement. Parking spaces and parking garages are excluded.

**Balconies:** The presence of a private exterior space allocated to an individual suite.

**Building type:** Multi-Residential properties are classified into the following building types: lowrise, highrise, row house, and fourplex. Building type will impact both PGI and GIM, but the effect of building type may differ in its influence on GIM versus PGI.

- A lowrise apartment is defined as a building that has one to seven storeys above grade with five or more self-contained suites.
- A highrise apartment is defined as a building that has eight or more storeys above grade with five or more self-contained suites.
- A row house is defined as one of a series of dwellings, often of similar or identical design, typically situated side by side (but can be other combinations such as over-under and back to back), possessing its own outside entrance, and joined by common walls. The complex must have at least five units.
- A fourplex is comprised of four self-contained suites each of which are located at or near ground level.
- A stacked fourplex is defined as a building with four self-contained suites in which at least one unit is located underneath another. The construction and design of this building type is intended to include four self-contained suites. The quality and size of suites in the lower level will typically be similar to the ones on the upper floor.

**Condition:** The condition of a building is rated using the following categories, generally described as:

**Poor:**

- borderline derelict;
- far below average maintenance;

- many items need immediate repair.

**Fair:**

- below average maintenance;
- deferred maintenance requiring rehabilitation, replacement, or major repairs;
- reduced utility with signs of structural decay.

**Average:**

- average maintenance;
- minor repairs or rehabilitation of some components required;
- within established norm for the era.

**Good:**

- well maintained with high desirability;
- may have slight evidence of deterioration in minor components;
- often components are new or as good as new;
- high utility, and superior condition.

*Unless otherwise noted, properties in this inventory are in average condition for their age.*

**Effective year built** is the chronological age of a property adjusted to reflect an addition or significant renovation that extends the improvement's remaining economic life. Effective age is the current assessment year minus the effective year. Effective year built will impact both PGI and GIM, but the effect of effective year built may differ in its influence on GIM versus PGI. The components that when replaced or extensively renovated affect the remaining economic life of a property include:

- Roof
- Windows & doors
- Exterior siding & balconies
- Walls (insulation, vapor barrier, etc.)
- Structural (studs or concrete)
- Foundation
- Electrical
- Plumbing
- HVAC/Mechanical (boilers, hot water tanks, AC, etc.)
- Kitchen cabinets, countertops, sink
- Other kitchen components (backsplash, faucets)
- Bathroom cabinets, countertops, sink
- Other bathroom components (toilet, bathtubs, shower stalls, backsplash, shower tiles, faucets)
- In-suite flooring, walls, doors, ceiling
- Common area flooring, walls, doors, ceilings

**Elevator:** The presence of a platform or compartment housed in a vertical shaft to transport people or freight.

**Market area:** A geographic area, typically encompassing a group of neighbourhoods, within which the properties are more or less equally subject to a set of one or more economic forces that largely determine the value of the properties in question. The purpose of a market area is for market

analysis. These borders are similar to those defined by the CMHC (Canada Mortgage and Housing Corporation) zones. Market area will impact both PGI and GIM, but the effect of market area may differ in its influence on GIM versus PGI. Please refer to the 2022 Multi-Residential Market Areas map within this methodology guide.

**Parking and laundry income** are added to the model-predicted PGI. The typical parking and laundry rates were established through an analysis of market survey rent returns and financial statements from property owners. Laundry income is assessed at the typical value of \$12 per suite per month for buildings with an effective age of 1999 or earlier, and \$0 per suite per month for buildings with an effective age of 2000 or newer. This reflects the fact that in-suite laundry is typical in highrise apartments newer than 2000.

Below is a breakdown of the rates per parking stall per month. The rates were applied to the actual number of covered and heated/underground parking stalls.

**Parking:**

- **Uncovered:** Parking located on ground level or higher that is not covered or has no protection from outside elements.
- **Covered:** Parking located on ground level or higher that is covered and provides some protection from outside elements, but is not fully enclosed and not heated.
- **Heated / Underground:** Fully enclosed parking in an above ground or underground structure that provides much more protection than covered parking. Though typically heated, these parkades protect against the elements to such a degree that even when unheated they provide more warmth than parking outside.

Uncovered		Covered		Heated/Underground	
Market Area	Rent (\$)	Market Area	Rent (\$)	Market Area	Rent (\$)
1A, 2, 4, 5, 5A, 6, 7, 7A, 8, 8A, 9, 10, 10A, 11A, 11B, 11C, 12, 12A	\$35	1A, 2, 4, 5, 5A, 6, 7, 7A, 8, 8A, 9, 10, 10A, 11A, 11B, 11C, 12, 12A	\$35	1A, 2, 4, 5, 5A, 6, 7, 7A 8, 8A, 9, 10, 10A, 11A, 11B, 11C, 12, 12A	\$75
1B, 1C	\$50	1B, 1C	\$50	1B, 1C	\$100
1B, 1C (after 2015)	\$50	1B, 1C (after 2015)	\$50	1B, 1C (after 2015)	\$190
3	\$50	3	\$50	3	\$65

**Number of suites with river valley view:** The number of units having a view of the river valley.

**Suite mix:** The combination and number of bachelor/studio suites (BACH), 1 bedroom (1BDRM), 1 bedroom with den (1BDRMWD), 2 bedroom (2BDRM), 2 bedroom with den (2BDRMWD), 3 bedroom (3BDRM), 3 bedroom with den (3BDRMWD) and 4 bedroom (4BDRM). Bachelor/studio suites are those that lack the separating walls found in 1 bedroom suites and up; and a den is similar to another bedroom yet lacks a closet or window or solid door. A penthouse is typically located on the top floor, more luxurious, and larger than other units within the building. Note, some rents used in the preparation of the PGI model did not indicate a suite type in the tenant roll. In documents provided in response to requests for information made pursuant to section 299 of the MGA, these rents are listed under "suite type" as 'unspecified.'



## Other Value Adjustments

Adjustments can be made when additional information becomes available to produce a more accurate assessment.

## Other Definitions

**Actual year built:** is the year the property was constructed also known as the chronological age of a property.

**Actual zoning:** is set by the Edmonton Zoning Bylaw No. 12800 and regulates the use and development of a parcel. Edmonton Zoning Bylaw No.12800 is available online at Edmonton.ca.

**Commercial component:** Any commercial space type within a multi-residential property that is assessed using a commercial model. For more information on commercial valuation details, please reference the Retail and Retail Plaza Methodology Guide.

**Derelict Property:** An improvement may constitute a derelict property where the improvement is unfit for occupancy and demonstrates severe deterioration to its physical condition. Derelict properties will generally have exterior doors and windows boarded up, and will often be uninhabitable on the basis of an order from Alberta Health Services, a Safety Codes Officer, or the City of Edmonton Sustainable Development Department, Community Standards Branch, or Fire Rescue Service. They often require extensive rehabilitation to the improvements or site to return them to a useful state, or simply need to be redeveloped.

**Land Use Code** defines the use of a property. The amount of a property subject to any specific Land Use will be expressed as a percentage (%). Land Use Codes may be used for administrative reasons and are not used in the valuation of the multi-residential highrise Inventory.

**Lot size** is the area of a specific parcel determined through a Geographic Information System (GIS) and Alberta Land Titles.

**Number of storeys:** This refers to the number of floors constructed above grade.

**Type** specifies whether the variable applies to the account, unit, site, or building.

1. Account - An adjustment that is applied to the property on the account. The property on the account includes the parcel of land and the improvements.
2. Unit - An adjustment that is applied to a condominium unit.
3. Site - An adjustment that is applied to the land.
4. Building - An adjustment that is applied to the building.

**Unit of comparison:** A property as a whole, or some measure of the size of the property (for example, number of suites, number of rooms, or gross building area) used to determine a price per unit.

## References

- Appraisal Institute of Canada (2010). *The Appraisal of Real Estate Third Canadian Edition*. Vancouver, Canada.
- City of Edmonton. (2017). *Zoning Bylaw No. 12800*. Retrieved from City of Edmonton: [http://webdocs.edmonton.ca/InfraPlan/zoningbylaw/bylaw\\_12800.htm](http://webdocs.edmonton.ca/InfraPlan/zoningbylaw/bylaw_12800.htm)
- Eckert, J., Gloudemans, R., & Almy, R. (1990). *Property Appraisal and Assessment Administration*. Chicago, Illinois: International Association of Assessing Officers.
- Province of Alberta. *Matters Relating to Assessment and Taxation Regulation, 2018*. Edmonton, AB: Queen's Printer.
- Province of Alberta. *Municipal Government Act*. Edmonton, AB: Queen's Printer.

## Appendix

### Zoning References

The rules and regulations for land development within Edmonton are contained in the Edmonton Zoning Bylaw, No. 12800.

s.6.123 **zone:** a specific group of listed Uses and Development Regulations which regulate the Use and Development of land within specific geographic areas of the City...

**Zoning Bylaw No. 12800, 2017, s. 6.123**

Residential land use zones vary in part due to density.

s.6.24 **density:** when used in reference to Residential and Residential-Related development, the number of Dwellings on a Site expressed as Dwelling per hectare.

**Zoning Bylaw No. 12800, 2017, s. 6.24**

Not all property conforms to the zoning use set out in the Edmonton Zoning Bylaw. In these cases, an effective zoning is applied to reflect the current use of the property. The effective zoning may differ from the actual zoning when the current use differs from the Edmonton Zoning Bylaw (e.g., a legal nonconforming use).

643(1) If a development permit has been issued on or before the day on which a land use bylaw or a land use amendment bylaw comes into force in a municipality and the bylaw would make the development in respect of which the permit was issued a nonconforming use or nonconforming building, the development permit continues in effect in spite of the coming into force of the bylaw.

**MGA, s.643(1)**

## Zone Chart: Multi-Residential

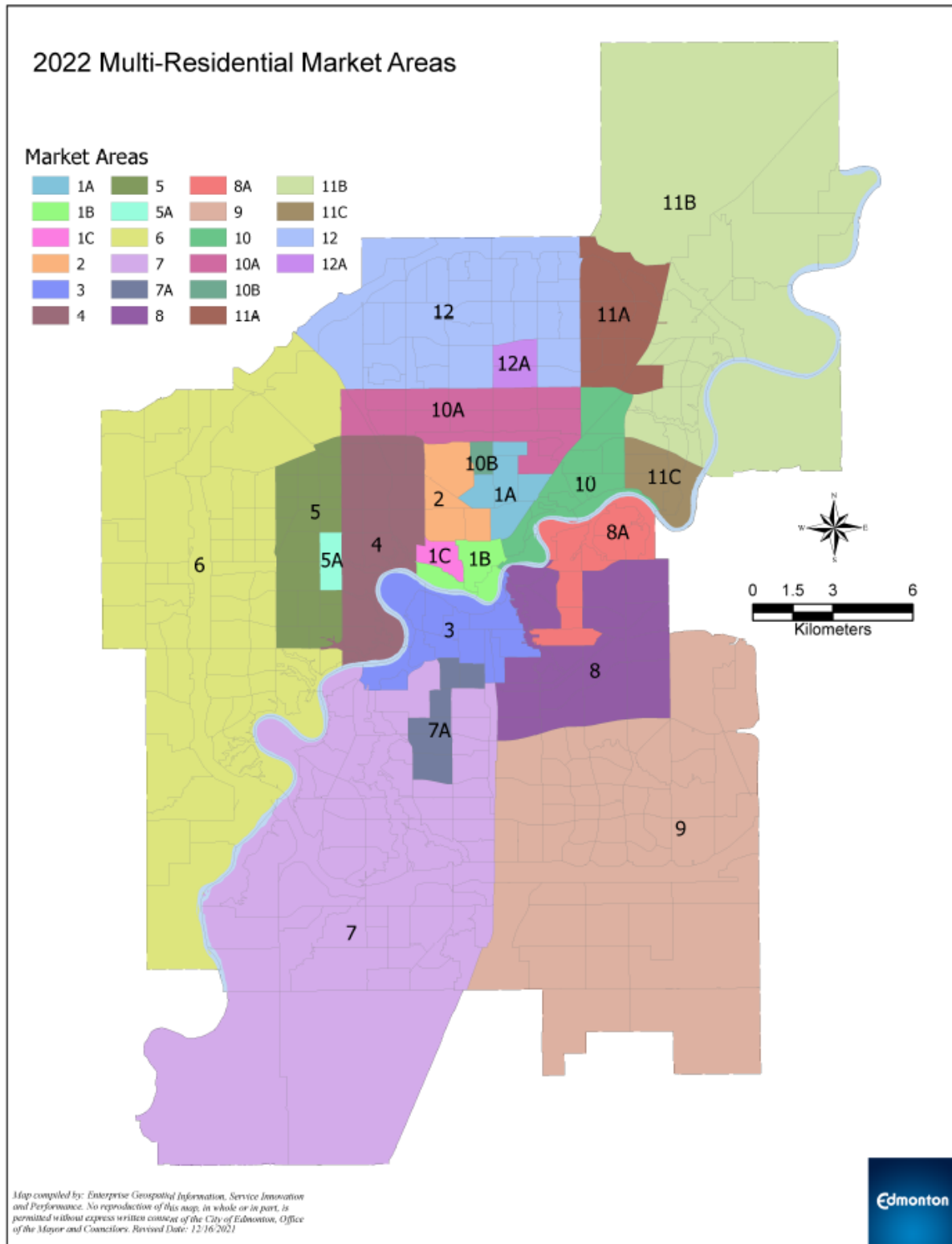
Residential	
<b>RMD</b>	<b>Residential Mixed Dwelling Zone (s.155)</b> is to provide for a range of dwelling types and densities including single detached, semi-detached and row housing
<b>RF5</b>	<b>Row Housing Zone (s.160)</b> s to provide for relatively low to medium density housing, generally referred to as Row Housing
<b>UCRH</b>	<b>Urban Character Row Housing Zone (s.165)</b> is to provide for medium density Row Housing in a manner that is characteristic of urban settings and can include more intensive development
<b>RF6</b>	<b>Medium Density Multiple Family Zone (s.170)</b> is to provide for medium density housing, where some units may not be at Grade
<b>RA7</b>	<b>Lowrise Apartment Zone (s.210)</b> provides for lowrise apartment buildings
<b>RA8</b>	<b>Medium Rise Apartment Zone (s.220)</b> provides for medium rise apartment buildings
<b>RA9</b>	<b>Highrise Apartment Zone (s.230)</b> provides for highrise apartment buildings
<b>RR</b>	<b>Rural Residential Zone (s.240)</b> is to provide for single detached residential development of a permanent nature in a rural setting, generally without the provision of the full range of urban utility services
<b>RMU</b>	<b>Residential Mixed Use Zone (s.910.10)</b> is to provide for primarily medium to high density residential mixed-use developments, with limited commercial, institutional, office and service Uses distributed on-site
<b>RMH</b>	<b>Mobile Home Zone (s.250)</b> is to provide for Mobile Homes developed within a Mobile Home Park or Mobile Home Subdivision.

For additional zone details, refer to the Edmonton Zoning Bylaw.

## Land Use Chart: Multi-Residential

<b>Residential</b>	
<b>122</b>	<b>Fourplex building type</b>
<b>130</b>	<b>Row house building type</b>
<b>131</b>	<b>Lowrise apartment building (seven floors or fewer)</b>
<b>133</b>	<b>Highrise apartment building (eight floors or more)</b>
<b>135</b>	<b>Account with a combination of lowrise, highrise, row house or fourplex building types.</b>
<b>145</b>	<b>Seniors' residence building</b>
<b>1451</b>	<b>Seniors' residence building with self-contained suites</b>
<b>160</b>	<b>Co-op non-profit row house</b>
<b>163</b>	<b>Co-op non-profit highrise apartment building</b>
<b>165</b>	<b>Co-op non-profit lowrise apartment building</b>
<b>1622</b>	<b>Co-op non-profit fourplex</b>

## Map



## Time Adjustment Factors

YEAR	MONTH	ADJUSTMENT	YEAR	MONTH	ADJUSTMENT
2018	July	1.0147	2020	January	1.0549
2018	August	1.0093	2020	February	1.0549
2018	September	1.0039	2020	March	1.0793
2018	October	0.9985	2020	April	1.0738
2018	November	0.9932	2020	May	1.0629
2018	December	0.9879	2020	June	1.0629
2019	January	0.9826	2020	July	1.0575
2019	February	0.9773	2020	August	1.0575
2019	March	0.9721	2020	September	1.0468
2019	April	0.9669	2020	October	1.0415
2019	May	0.9617	2020	November	1.0362
2019	June	0.9565	2020	December	1.0310
2019	July	0.9514	2021	January	1.0258
2019	August	0.9463	2021	February	1.0206
2019	September	0.9413	2021	March	1.0154
2019	October	0.9852	2021	April	1.0102
2019	November	1.0079	2021	May	1.0051
2019	December	1.0312	2021	June	1.0000