Economics and Strategy



March 20, 2025

Affordability improves for a fourth consecutive quarter in Q4 2024

By Kyle Dahms

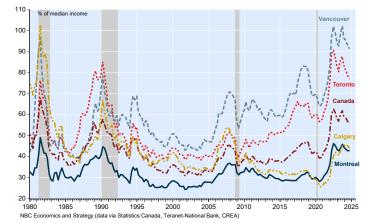
Highlights:

- Canadian housing affordability posted a fourth consecutive improvement in Q4'24. The mortgage payment on a representative home as a percentage of income (MPPI) fell 0.8 percentage point. Seasonally adjusted home prices increased 1.25% in Q4'24 from Q3'24; the benchmark mortgage rate (5-year term) declined 15 basis points, while median household income rose 1.1%.
- Affordability improved in 6 of the ten markets covered in Q4. On a sliding scale of markets from best progression to least: Vancouver, Toronto, Victoria, Calgary, Hamilton, Edmonton. Winnipeg and Ottawa-Gatineau were essentially flat in the quarter. On the flip side, Montreal and Quebec deteriorated in the fourth quarter. Countrywide, affordability enhanced 0.6 pp in the condo portion and 0.9 pp in the non-condo segment. See detailed statistics on page 2.

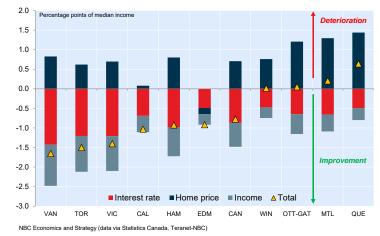
Housing affordability remains a major challenge for Canadians, but the last guarter of 2024 offered some relief. At the aggregate level, the latest progression in affordability meant that every single guarter of the year was marked with an improvement. As a result, it helped bring the mortgage payment as a percentage of income (MPPI) to its lowest level in nearly three years (see top chart). The improvement was less diffuse this guarter as certain markets experienced home prices increases which were more than enough to offset rising incomes and declining interest rates. Note, all markets save Edmonton saw an increase in their home prices during the quarter (see bottom chart), perhaps spurred by declining financing costs. Nonetheless, higher incomes and lower rates allowed a slight majority of markets to experience an improvement in their MPPI for the quarter. Looking specifically at mortgage interest rates, since the high mark reached in the last guarter of 2023, 5-year financing costs have declined by a cumulative 75 basis points, reaching their lowest level in 10 guarters. Despite this, the MPPI remains well above its historical average. Given back-to-back rate cuts by the BoC in the first guarter of 2025 and mortgage rate data up to now, affordability could have continued to improve in the first quarter of the year. Resale market data and home price indices, hampered by the trade uncertainty are not suggestive of strong price gains. On a slightly longer time horizon, a curb on immigration and a potentially deteriorating labour market could help alleviate the pressure on the housing sector. Altogether, it will take some time to fix imbalances.

Canada : Perspective on housing affordability

Monthly mortgage payment on median home price, all types of dwellings (25 year amortization, 5-year term)



Canada: Q4 change in housing affordability in 10 metropolitan areas Q/Q change in mortgage payment on median-price home (25-year amortization, 5-year term)



Housing affordability statistics

Table 1		А	В	С		D	E	F		G	Н	Ι	J	К	L	М	Ν
lings	М	edian home price	Q/Q % change	Y/Y % change	Dow	npayment \$	Downpayment: Months of saving	Avg. Since 2000	m	Nonthly ortgage ayment	Mortgage payment as % of income	Q/Q diff. PP	Y/Y diff. PP	Avg. Since 2000	ualifying ual Income	dian annual Income	Home-ownership rate (2021)
Composite 10 (C10)	\$	805,504	1.2	1.9	\$	55,550	70.7	40.1	\$	4,391	55.9	-0.8	-6.0	40.8	\$ 186,588	\$ 94,316	66%
Toronto	\$	1,180,572	0.8	-0.7	\$	236,114	282.2	88.1	\$	6,436	76.9	-1.5	-10.8	53.4	\$ 234,981	\$ 100,401	65%
Montreal	\$	550,671	3.0	5.4	\$	30,067	42.9	27.9	\$	3,002	42.8	0.2	-2.9	31.6	\$ 129,526	\$ 84,107	54%
Vancouver	\$	1,292,853	0.9	1.3	\$	258,571	334.9	117.5	\$	7,048	91.3	-1.7	-10.7	64.6	\$ 257,329	\$ 92,660	62%
Calgary	\$	653,641	0.2	9.8	\$	40,364	49.8	31.2	\$	3,564	44.0	-1.0	-0.9	36.3	\$ 152,583	\$ 97,295	71%
Edmonton	\$	462,571	-0.5	5.9	\$	23,129	28.5	25.4	\$	2,522	31.0	-0.9	-1.7	30.4	\$ 109,333	\$ 97,485	69%
Ottawa/Gatineau	\$	687,331	2.9	4.7	\$	43,733	49.3	30.4	\$	3,747	42.3	0.0	-3.5	33.0	\$ 160,127	\$ 106,422	65%
Quebec	\$	416,654	4.5	10.6	\$	20,833	29.9	21.1	\$	2,272	32.6	0.6	-0.5	23.7	\$ 98,480	\$ 83,554	58%
Winnipeg	\$	412,022	2.5	4.0	\$	20,601	28.3	23.2	\$	2,246	30.9	0.0	-2.3	26.3	\$ 97,385	\$ 87,223	66%
Hamilton	\$	928,032	1.2	0.1	\$	67,803	84.7	45.1	\$	5,059	63.2	-0.9	-8.2	41.5	\$ 214,025	\$ 96,111	69%
Victoria	\$	1,056,723	0.9	-0.9	\$	211,345	283.7	83.9	\$	5,761	77.3	-1.4	-10.9	58.6	\$ 210,330	\$ 89,405	62%
Table 2		А	В	С		D	E	F		G	Н	I	J	К	L	М	N

lo	Me	edian home price	Q/Q % change	Y/Y % change	Dowr	npayment \$	Downpayment: Months of saving	Avg. Since 2000	m	Monthly nortgage payment	Mortgage payment as % of income	Q/Q diff. PP	Y/Y diff. PP	Avg. Since 2000	Qualifying Income	Med	lian Income	Home-ownershi rate (2021)	p Montl	nly average rent
C10 condo	\$	606,777	1.3	0.6	\$	35,678	45.4	30.3	\$	3,308	42.1	-0.6	-5.1	33.6	\$ 142,089	\$	94,316	9%	\$	2,499
Toronto	\$	704,867	1.0	-2.1	\$	45,487	54.4	32.8	\$	3,843	45.9	-0.8	-7.2	33.8	\$ 164,054	\$	100,401	16%	\$	3,035
Montreal	\$	430,884	2.2	4.2	\$	21,544	30.7	24.5	\$	2,349	33.5	-0.1	-2.7	28.1	\$ 101,844	\$	84,107	11%	\$	1,763
Vancouver	\$	764,647	1.4	0.0	\$	51,465	66.6	41.1	\$	4,169	54.0	-0.7	-7.1	42.1	\$ 177,440	\$	92,660	21%	\$	2,737
Calgary	\$	387,742	-0.9	10.7	\$	19,387	23.9	22.2	\$	2,114	26.1	-0.9	-0.3	27.0	\$ 91,646	\$	97,295	14%	\$	1,910
Edmonton	\$	277,400	0.3	11.2	\$	13,870	17.1	17.9	\$	1,512	18.6	-0.4	-0.1	21.9	\$ 65,566	\$	97,485	12%	\$	1,512
Ottawa/Gatineau	\$	412,772	2.2	2.0	\$	20,639	23.3	19.5	\$	2,250	25.4	-0.1	-2.8	22.5	\$ 97,563	\$	106,422	9%	\$	2,260
Quebec	\$	295,522	3.6	8.4	\$	14,776	21.2	17.3	\$	1,611	23.1	0.2	-0.8	19.7	\$ 69,849	\$	83,554	9%	\$	1,394
Winnipeg	\$	281,706	1.1	2.3	\$	14,085	19.4	19.3	\$	1,536	21.1	-0.3	-2.0	22.3	\$ 66,584	\$	87,223	7%	\$	1,413
Hamilton	\$	674,745	1.8	-0.8	\$	42,475	53.0	29.5	\$	3,679	45.9	-0.4	-6.5	31.0	\$ 157,309	\$	96,111	11%	\$	2,492
Victoria	\$	608,360	0.0	-2.9	\$	35,836	48.1	33.5	\$	3,317	44.5	-1.2	-7.3	37.5	\$ 142,444	\$	89,405	14%	\$	2,465
Table 3		А	В	С		D	E	F		G	Н	I	J	K	L		М	N		

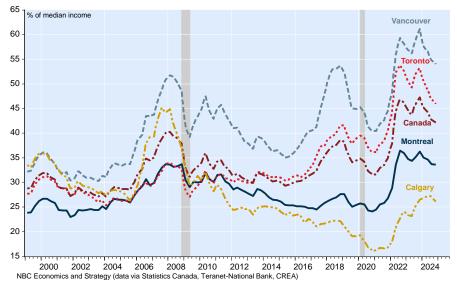
ellings	Me	edian home price	Q/Q % change	Y/Y % change	Dow	/npayment \$	Downpayment: Months of saving	Avg. Since 2000	mc	lonthly ortgage ayment	Mortgage payment as % of income	Q/Q diff. PP	Y/Y diff. PP	Avg. Since 2000	Qualifying Income	Med	ian Income	Home-ownership rate (2021)
C10 non-condo	\$	896,608	1.2	2.2	\$	64,661	82.3	45.6	\$	4,888	62.2	-0.9	-6.5	44.7	\$ 206,988	\$	94,316	57%
Toronto	\$	1,212,843	0.8	-0.4	\$	242,569	289.9	92.1	\$	6,612	79.0	-1.6	-10.8	54.4	\$ 241,404	\$	100,401	49%
Montreal	\$	600,958	3.2	5.6	\$	35,096	50.1	30.2	\$	3,276	46.7	0.3	-3.1	33.7	\$ 140,786	\$	84,107	43%
Vancouver	\$	1,730,924	0.8	1.6	\$	346,185	448.3	195.0	\$	9,437	122.2	-2.4	-13.9	84.2	\$ 344,523	\$	92,660	41%
Calgary	\$	716,360	0.3	9.7	\$	46,636	57.5	33.9	\$	3,905	48.2	-1.1	-1.1	38.6	\$ 166,627	\$	97,295	57%
Edmonton	\$	483,247	-0.6	5.3	\$	24,162	29.7	26.1	\$	2,635	32.4	-1.0	-1.9	31.1	\$ 114,220	\$	97,485	57%
Ottawa/Gatineau	\$	756,628	2.9	5.0	\$	50,663	57.1	33.6	\$	4,125	46.5	0.1	-3.7	35.9	\$ 175,644	\$	106,422	56%
Quebec	\$	421,384	4.6	10.9	\$	21,069	30.3	20.9	\$	2,297	33.0	0.7	-0.4	23.5	\$ 99,598	\$	83,554	49%
Winnipeg	\$	413,549	2.6	4.2	\$	20,677	28.4	23.0	\$	2,255	31.0	0.0	-2.3	26.0	\$ 97,746	\$	87,223	59%
Hamilton	\$	983,861	1.2	0.3	\$	73,386	91.6	52.1	\$	5,364	67.0	-1.0	-8.6	43.8	\$ 226,526	\$	96,111	57%
Victoria	\$	1,184,922	1.0	-0.6	\$	236,984	318.1	100.7	\$	6,460	86.7	-1.5	-11.9	64.8	\$ 235,846	\$	89,405	48%

0

Canadian perspective on housing affordability

Canada : Perspective on condos affordability

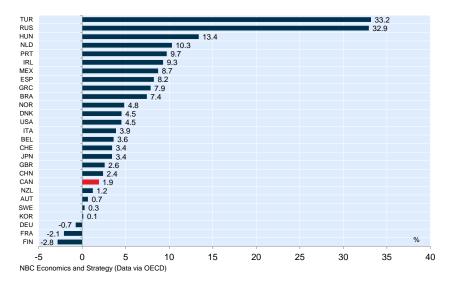
Monthly mortgage payment on median home price, condos (25 year amortization, 5-year term)



Global perspective on housing affordability

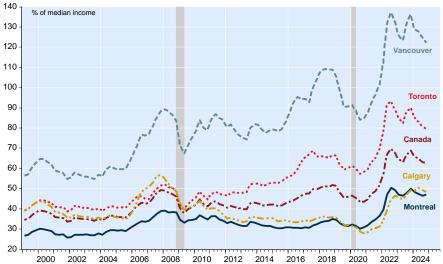
World: Perspective on home price inflation

Home price percentage change year over year (Last data available)



Canada : Perspective on non-condos affordability

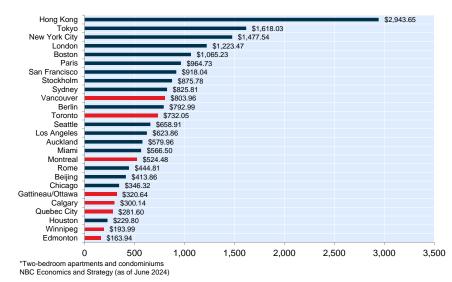
Monthly mortgage payment on median home price, non-condos (25 year amortization, 5-year term)



NBC Economics and Strategy (data via Statistics Canada, Teranet-National Bank, CREA)

World: Apartment prices

Price / Square Foot in \$USD for Downtown Living (June 2024)





Methodology

The National Bank Housing Affordability Report measures housing affordability in 10 major census metropolitan areas (CMAs) and summarizes the results in a weightedaverage composite of the 10 CMAs. We track the **condo market**, **other dwellings** (single detached, semi-detached) and the **market as a whole**.

We measure two hurdles for the purchase of a home. First, a household must save the **down-payment** amount. We measure this requirement as the number of months a median-income household will require to save for the minimum cash down payment (CMHC insured mortgage) of the representative home at a savings rate of 10% of its pretax income. We evaluate the representative home using the Teranet–National Bank House Price Index for the market in question to calculate the home price for months before and after the median home price measured by the 2016 Census. For **median household income** in each CMA, we take the Statistics Canada annual data up to 2021. For subsequent months, we extend the series using average weekly earnings growth as a proxy and apply a Hodrick-Prescott filter to smooth short-term fluctuations.

The second hurdle for the purchase of a home is the monthly mortgage payment. We measure this as the monthly payment on a median-priced home assuming a 25-year amortization period and a 5-year term. The resulting amount is presented as a percentage of income calculated as described above (sometimes referred as **MPPI**). Note that we do not take the down payment into account in this calculation because there is an opportunity cost in a household's use of these funds for that purpose. Also, we do not wish policy changes in this regard to affect our indicator over time. We also calculate the income needed to purchase the median property assuming that a household devotes 32% of its pre-tax income for a mortgage payment at the posted rate (defined as **qualifying income** and is adjusted for the down-payment). For the condo market, we also compare the monthly mortgage payment to the average rent for a two-bedroom condo in the same market. We calculate that rent from annual CMHC data, updated to the current month by the rent component of the Consumer Price Index. Note that data in the report was seasonally adjusted when necessary.

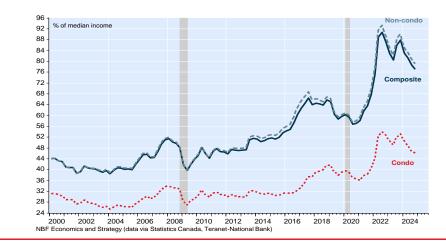
Toronto

Mortgage payment as a % of income (MPPI) Affordability in the Greater Toronto Area (GTA) improved for the fourth consecutive guarter in Q4. The MPPI* indeed Non-79.0% decreased 1.5 pp to 76.9%, its lowest level since 2022Q1, but still well above the historical average for this city (53.4%). 1.6% \cap / \cap While the pace of the quarterly improvement was better than that of the urban composite, the level of the MPPI* Condo remained above the average level (55.9%). This was true for both the condo (-0.8 pp to 45.9%) and non-condo (-1.6 pp to 79.0%) segments. The quarterly improvement for all types of dwellings index stemmed from slightly higher 45.9% 0.8% Condo (+0.8%) home prices combined with a decrease in interest rates and a 1.2% rise in income. On an annual basis, the MPPI* was down 10.8 pp, nearly twice the 6.0 pp decrease in the composite 10. *See tables page 2. <u>\$1,212,</u>843 35.3% \$241,404 290 Non-Household annual income Price of the representative home in Months of saving required for the Premium for buying compared to the needed to afford the the metropolitan market down payment (saving rate of 10%) national urban composite Condo representative home \$704,867 \$164,054 26.6% 54 Household annual income Premium/discount for buying compared Price of the representative condo Months of saving required for the needed to afford the to renting a in the metropolitan market down payment (saving rate of 10%) Condo representative condo two-bedroom condo in the GTA

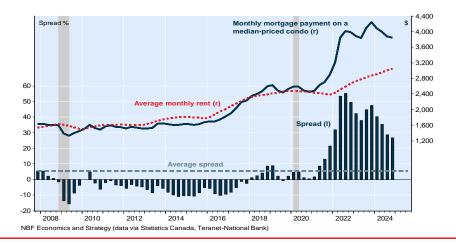
Toronto : Perspective on housing affordability

Monthly mortgage payment on median home price (25 year amortization, 5-year term)

FORONTC



Toronto: Buying compared to renting



Montreal

Non-

Condo

Condo

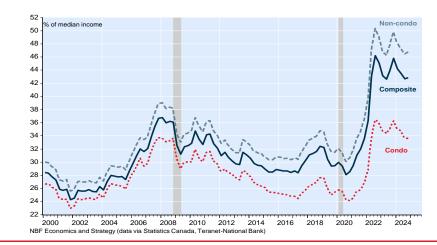
In the fourth quarter of 2024, affordabilit year. The MPPI* indeed rose 0.2 pp to worsening was worse than the improven more affordable in Montreal than in the deterioration was despite a decrease in an increase in home prices (+3.0%). The improvement was slower than in the cor covered for condos. Non-condos registe level). On a twelve-month basis, afforda *See tables page 2.

of 2024, affordability in Montreal as measured by the	year average (31.6%). While the quarterly	Mortgage payment	as a % of income (MPPI)
than the improvement of the urban composite (- contreal than in the urban average, as the MPPI* of pite a decrease in interest rates and an increase in	of the latter stood at 55.9%. The quarterly nincome, which were not enough to offset	Non- Condo 46.7%	▲ + 0.3% Q/Q
prices (+3.0%). The condo segment of the market wer than in the composite 10 average (-0.1 pp com lon-condos registered at +0.3 pp compared with - onth basis, affordability posted an improvement in	npared with -0.6 pp in all the urban areas -0.9 pp for non-condos at the aggregate	Condo 33.5%	✓ - 0.1% Q/Q
\$600,958	\$140,786	50	-33.0%
Price of the representative home in the metropolitan market	Household annual income needed to afford the representative home	Months of saving required for the down payment (saving rate of 10%)	Premium for buying compared to the national urban composite
\$430,884	\$101,844	31	33.3%
Price of the representative condo in the metropolitan market	Household annual income needed to afford the representative condo	Months of saving required for the down payment (saving rate of 10%)	Premium/discount for buying compared to renting a two-bedroom condo in Montreal

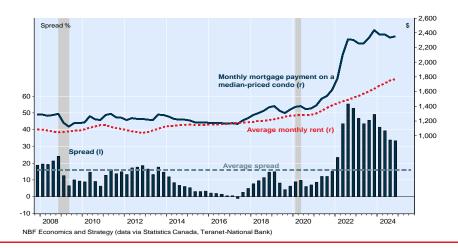
Montreal : Perspective on housing affordability

Monthly mortgage payment on median home price (25 year amortization, 5-year term)

MONTREAL



Montreal: Buying compared to renting



Vancouver

Non-

Condo

Condo

Affordability as measured by the MPPI* improved 1.7 pp in Greater Vancouver in the fourth quarter of 2024 fastest improvement of the urban markets covered in our report. Nonetheless, this left the level of the MPPI* at 9 which continues to compare unfavourably to the average of other urban areas covered (55.9%). In fact, Vanco remains the least affordable Canadian city in which to buy a home. The quarterly improvement stems from I interest rates and an increase in income that together more than offset a 0.9% increase in home prices. Both condo (-0.7 pp to 54.0%) and the non-condo (-2.4 pp to 122.2%) segments registered improvements in their MP the quarter. With the quarterly improvement, the MPPI* in Vancouver was down 10.7 pp on a 12-month bas greater improvement than in the composite 10 (-6.0 pp). *See tables page 2.

\$177,440

Household annual income

needed to afford the

representative condo

\$1,730,924

Price of the representative home in

the metropolitan market

\$764,647

Price of the representative condo

in the metropolitan market

r in the fourth quarter of 2024, the is left the level of the MPPI* at 91.3%,	Mortgage paymen	t as a % of income (MPPI)
covered (55.9%). In fact, Vancouver erly improvement stems from lower % increase in home prices. Both the	Non- Condo 122.2%	▼ - 2.4% Q/Q
tered improvements in their MPPI* in wn 10.7 pp on a 12-month basis, a		▼ - 0.7% Q/Q
\$344,523	448	93.1%
Household annual income needed to afford the representative home	Months of saving required for the down payment (saving rate of 10%)	Premium for buying compared to the national urban composite

67

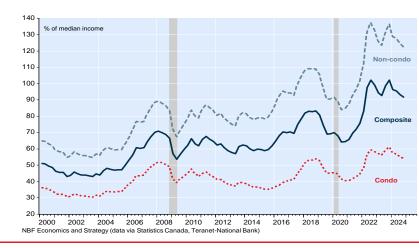
Months of saving required for the down payment (saving rate of 10%) Premium/discount for buying compared to renting a two-bedroom condo in Vancouver

52.3%

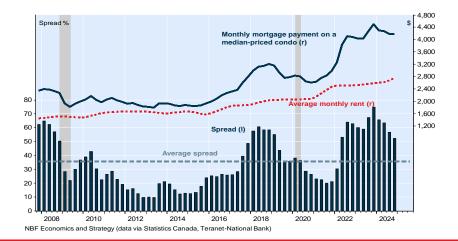
Vancouver : Perspective on housing affordability

Monthly mortgage payment on median home price (25 year amortization, 5-year term)





Vancouver: Buying compared to renting



Calgary

Non-

Condo

Condo

Housing affordability in Calgary posted an improvement in the fourth quarter of the year, as the MPPI* dipped 0.9 pp. This was slightly more pronounced than the improvement of the MPPI* of the composite of the urban markets covered in our report (-0.8 pp). Both market segments improved in the quarter, but the decline in the MPPI* was more pronounced for non-condos (-1.1 pp to 48.2%) than condos (-0.9 pp to 26.1%). As a result, the MPPI* for the market as a whole stood at 44.0%, which is 0.9 pp below the level it was a year ago but above its long-term average (36.3%). Still, Calgary remains more affordable than the composite 10 (MPPI* at 55.9% nationally). The quarterly improvement is attributable to a decrease in mortgage interest rates, which, when combined with an increase in income, more than offset a 0.2% increase in home prices. *See tables page 2.

\$166,627

Household annual income

needed to afford the

representative home

\$91,646

Household annual income

needed to afford the

representative condo

\$716,360

Price of the representative home in

the metropolitan market

\$387,742

Price of the representative condo

in the metropolitan market

d 0.9 rkets	Μ	ortgage payme	ent as	а%	of income ((MPPI)
was r the term	Non- Condo	48.2%		_	1.1%	Q/Q
The h an		26.1%		_	0.9%	Q/Q
			1			
		58			-20	.1%

Months of saving required for the down payment (saving rate of 10%)

24

Months of saving required for the down payment (saving rate of 10%)

Premium/discount for buying compared to renting a two-bedroom condo in Calgary

10.7%

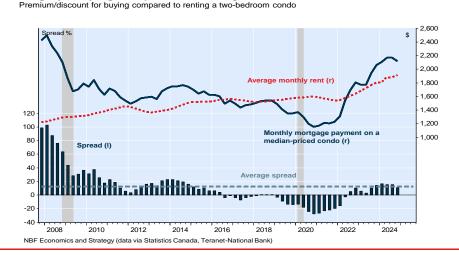
Premium for buying compared to the

national urban composite

Calgary : Perspective on housing affordability Monthly mortgage payment on median home price (25 year amortization, 5-year term)

60 6 of median income CALGARY 56 52 Non-condo 48 44 40 36 Composit 32 28 24 Condo 20 16 12 2002 2004 2006 2008 2010 2012 2014 2016 2018 2020 2022 2024 2000 NBF Economics and Strategy (data via Statistics Canada, Teranet-National Bank)

Calgary: Buying compared to renting



Economics and Strategy website

Edmonton

Non-

Condo

Condo

Housing affordability in Edmonton improved 0.9 pp in the quarter, a bit above the composite (-0.8 pp). This was the result of a decrease in interest rates and an increas aided by a 0.5% decrease in home prices. The level of the MPPI* now stands at 31. composite 10 (55.9%) and nearly at this city's long-term average (30.4%). The improvement mostly from non-condos (-1.0 pp to 32.4%), while the affordability of condos was also in pp to 18.6%). On a 12-month basis, the MPPI* in Edmonton was progressing (-1.7 pp), while 6.0 pp over that period. *See tables page 2.

\$483,247

Price of the representative home in

the metropolitan market

\$277,400

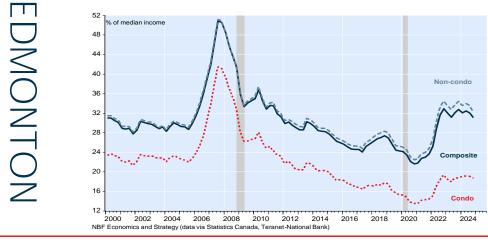
Price of the representative condo

in the metropolitan market

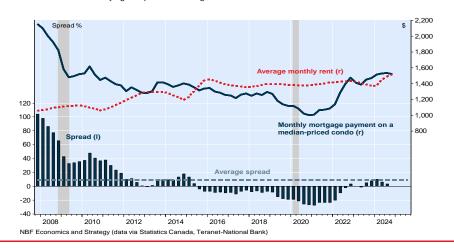
ove the improvement of the urban i increase in income which was also	Mortgage paymer	nt as a % of income (MPPI)
s at 31.0%, which is well below the provement in affordability stemmed s also improving in the guarter (-0.4	Non- 32.4%	▼ - 1.0% Q/Q
p), while the composite 10 improved	Condo 18.6%	▼ - 0.4% Q/Q
\$114,220	30	-46.1%
Household annual income needed to afford the representative home	Months of saving required for the down payment (saving rate of 10%)	Premium for buying compared to the national urban composite
\$65,566	17	0.0%
Household annual income needed to afford the representative condo	Months of saving required for the down payment (saving rate of 10%)	Premium/discount for buying compared to renting a two-bedroom condo in Edmonton

Edmonton : Perspective on housing affordability

Monthly mortgage payment on median home price (25 year amortization, 5-year term)



Edmonton: Buying compared to renting Premium/discount for buying compared to renting a two-bedroom condo





Ottawa/Gatineau

Housing affordability in Ottawa/Gatineau saw no change in the quarter, well below the procomposite (-0.8 pp). This was the result of rising home prices (+2.9%), combined with lower inter income. The MPPI* consequently sat at 42.3%, which remains below the composite 10 (55.9%) city's long-term average (33.0%). The quarterly stagnation stemmed as condos (MPPI* down C non-condos (+0.1 pp to 46.5%) negated themselves. On an annual basis, home prices were up rates fell slightly, and income rose. As a result, the MPPI* was down 3.5 pp over that period, I decline registered by the composite 10. *See tables page 2.

Household a

Household annual income

needed to afford the

representative condo

\$756,628

Price of the representative home in

the metropolitan market

\$412,772

Price of the representative condo

in the metropolitan market

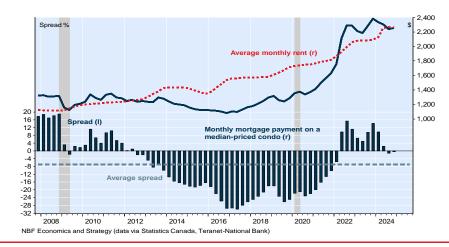
elow the progress of the urban n lower interest rates and higher	Mortgage payme	ent as	a % of income (MPPI)
e 10 (55.9%) but well above the IPPI* down 0.1 pp to 25.4%) and ces were up 4.7%, while interest	Non- Condo 46.5%		+ 0.1%	Q/Q
hat period, less than the 6.0 pp	Condo 25.4%		- 0.1%	Q/Q
¢175 611	57		15	60/
\$175,644	5/		-15.	070
ousehold annual income needed to afford the representative home	Months of saving required for the down payment (saving rate of 10%)		Premium for buying national urbar	
\$97,563	23		-0.4	4%

23 Months of saving required for the

down payment (saving rate of 10%)

Premium/discount for buying compared to renting a two-bedroom condo in Ottawa/Gatineau

Ottawa/Gatineau: Buying compared to renting Premium/discount for buying compared to renting a two-bedroom condo

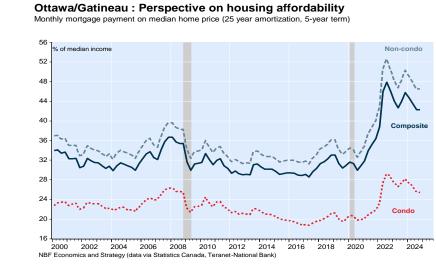


TTAWA/GA

Non-

Condo

Condo



Quebec City

Housing affordability deteriorated in the fourth guarter of 2024 in Québec city, as the MPPI* rose 0.6 pp to 32.6%. This was largest worsening of any market in the guarter. The guarterly deterioration stems from a 4.5% increase in home prices, the most pronounced of the urban markets we cover and too important to be offset by a decrease in interest rates and an increase in income. The worsening was seen in the non-condo segment (MPPI* up 0.7 pp to 33.0%), while affordability for condos regressed in the quarter (MPPI* up 0.2 pp to 23.1%). The MPPI* of both segments remained well below those of their respective composite 10 counterparts. On an annual basis, affordability in Québec city improved slightly (MPPI* down 0.5 pp), which compares unfavorably to the 6.0 pp improvement of the average of the composite 10. *See tables page 2.

\$421,384

Price of the representative home in

the metropolitan market

\$295,522

Price of the representative condo

in the metropolitan market

Quebec city: Perspective on housing affordability

Mortgage paym	ent as a % of income (MPPI)
Non- 33.0%	▲ + 0.7% Q/Q
	▲ + 0.2% Q/Q
30	-53.0%

Months of saving required for the down payment (saving rate of 10%)

21

Months of saving required for the down payment (saving rate of 10%) Premium/discount for buying compared to renting a two-bedroom condo in Quebec City

15.6%

Premium for buying compared to the

national urban composite

\$99,598

Household annual income

needed to afford the

representative home

\$69,849

Household annual income

needed to afford the

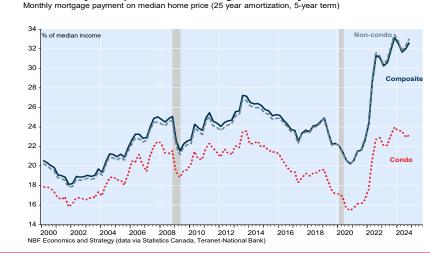
representative condo



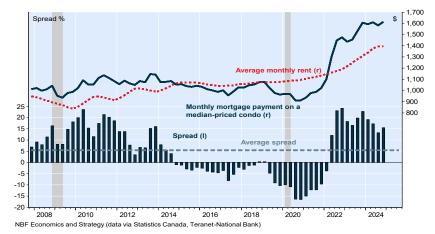
Non-

Condo

Condo



Quebec City: Buying compared to renting Premium/discount for buying compared to renting a two-bedroom condo



Winnipeg

Non-

Condo

Condo

In Winnipeg, housing affordability was unchanged as the MPPI* stayed at 30.9%, which the urban markets we cover despite no improvement versus the composite 10 (-0.8 quarterly stagnation, the index remained above its long-term average (26.3%). The quart from an increase in income and a decrease in interest rates, which essentially offset a 2. The condo segment improved 0.3 pp in the guarter, which is a smaller improvement than 10 counterparts while the non-condo segment was flat. On a 12-month basis, the MPPI* v the urban composite (-6.0 pp). *See tables page 2.

\$413,549

Price of the representative home in

the metropolitan market

\$281,706

Price of the representative condo

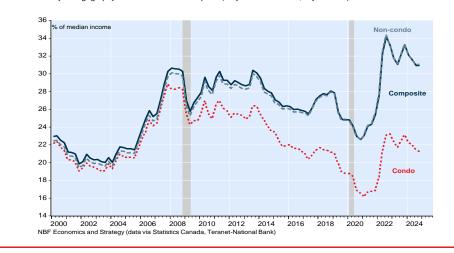
in the metropolitan market

which remains the lowest level of (-0.8 pp). However, despite the	Mortgage paym	ent as	a % of income (I	MPPI)
equarterly improvement stemmed et a 2.5% increase in home prices. It than their respective composite IPPI* was down 2.3 pp, well below	Non- Condo 31.0% Condo 21.1%	>	0.0% - 0.3%	<mark>Q/Q</mark> Q/Q
\$97,746	28		-53.	9%
Household annual income needed to afford the representative home	Months of saving required for the down payment (saving rate of 10%)		Premium for buying o national urban	
\$66,584	19		8.7	%

Months of saving required for the down payment (saving rate of 10%) Premium/discount for buying compared to renting a two-bedroom condo in Winnipeg

Winnipeg: Perspective on housing affordability Monthly mortgage payment on median home price (25 year amortization, 5-year term)

WINNIPEG



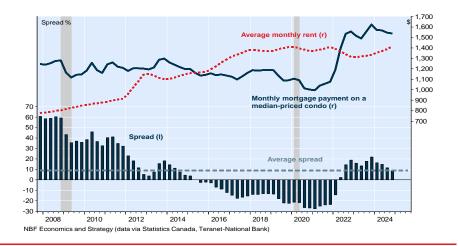
House

Household annual income

needed to afford the

representative condo

Winnipeg: Buying compared to renting Premium/discount for buying compared to renting a two-bedroom condo



Hamilton

Non-

Condo

Condo

In the fourth quarter of 2024, affordability in Hamilton as measured by the MPPI* improved for the fourth time. The MPPI* indeed slid 0.9 pp to 63.2%, which was still above its 20-year average (41.5%) and the aggregate (55.9%). The quarterly improvement can be explained by a decrease in interest rates and a income that offset a 1.2% rise in home prices in the quarter. Affordability improved 0.4 pp for the condo 1.0 pp for the non-condo segment, close to the improvement of the corresponding composite 10 annual basis, affordability improved 8.2 pp, compared with -6.0 pp for the urban average. *See tables

\$983,861

Price of the representative home in

the metropolitan market

\$674,745

Price of the representative condo

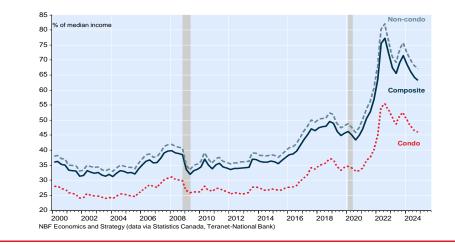
in the metropolitan market

nproved for the fourth consecutive rage (41.5%) and the composite 10	Mortgage payme	ent as	a % of income (I	MPPI)
n interest rates and an increase in 0.4 pp for the condo segment and nding composite 10 index. On an average. *See tables page 2.	Non- Condo 67.0% Condo 45.9%	▼ ▼	- 1.0% - 0.4%	<mark>Q/Q</mark> Q/Q
\$226,526	92		9.7	%
Household annual income needed to afford the representative home	Months of saving required for the down payment (saving rate of 10%)		Premium for buying o national urban	
\$157,309	53		47.6	5%

Months of saving required for the down payment (saving rate of 10%) Premium/discount for buying compared to renting a two-bedroom condo in Hamilton

Hamilton: Perspective on housing affordability Monthly mortgage payment on median home price (25 year amortization, 5-year term)

HAMILTON

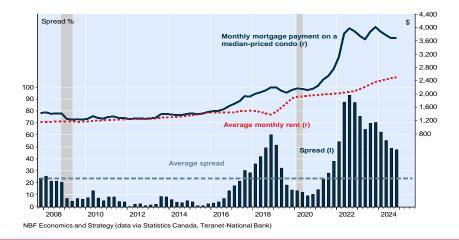


Household annual income

needed to afford the

representative condo

Hamilton: Buying compared to renting



Victoria

Non-

Condo

Condo

In the fourth quarter of 2024, Victoria registered a fourth consecutive improvement of housing affordability as measured by the MPPI* (-1.4 pp). The improvement is the result of a decrease in interest rates and an increase in income, while home prices were up slightly in the quarter (+0.9%). As a result, the city's MPPI* stood at 77.3%, its lowest level since 2022Q1 but still way above its long-term average (58.6%) and the composite 10 aggregate (55.9%). The quarterly improvement in affordability was faster than the corresponding composite 10 index for both non-condos (MPPI* down 1.5 pp compared to -0.9 pp nationally) and condos (MPPI* down 1.2 pp compared to -0.6 pp). The MPPI* for all dwellings was 10.9 pp below the level it registered a year ago, a stronger improvement than the 6.0 pp one seen for the composite 10. *See tables page 2.

\$235,846

Household annual income

needed to afford the

representative home

\$142,444

Household annual income

needed to afford the

representative condo

\$1,184,922

Price of the representative home in

the metropolitan market

\$608,360

Price of the representative condo

in the metropolitan market

M	ortgage payme	ent as a	a % (of income (l	MPPI)
Non- Condo	86.7%		-	1.5%	Q/Q
	44.5%		_	1.2%	Q/Q
	318			32.2	2%
Months of sa	aving required for the		Pre	mium for buying	compared to the

down payment (saving rate of 10%)

48

Months of saving required for the down payment (saving rate of 10%)

Premium/discount for buying compared to renting a two-bedroom condo in Victoria

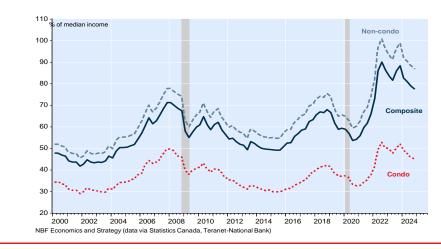
34.5%

national urban composite

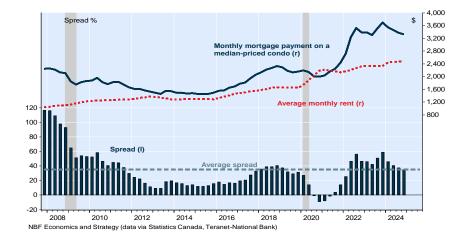
Victoria: Perspective on housing affordability

Monthly mortgage payment on median home price (25 year amortization, 5-year term)





Victoria: Buying compared to renting



Subscribe to our publications: NBC.EconomicsStrategy@nbc.ca – To contact us: 514-879-2529

General: This Report was prepared by National Bank Financial, Inc. (NBF), (a Canadian investment dealer, member of CIRO), an indirect wholly owned subsidiary of National Bank of Canada. National Bank of Canada is a public company listed on the Toronto Stock Exchange.

The particulars contained herein were obtained from sources which we believe to be reliable but are not guaranteed by us and may be incomplete and may be subject to change without notice. The information is current as of the date of this document. Neither the author nor NBF assumes any obligation to update the information or advise on further developments relating to the topics or securities discussed. The opinions expressed are based upon the author(s) analysis and interpretation of these particulars and are not to be construed as a solicitation or offer to buy or sell the securities mentioned herein, and nothing in this Report constitutes a representation that any investment strategy or recommendation contained herein is suitable or appropriate to a recipient's individual circumstances. In all cases, investors should conduct their own investigation and analysis of such information promiting to take any action in relation to securities or markets that are analyzed in this Report. The Report alone is not intended to form the basis for an investment decision, or to replace any due diligence or analytical work required by you in making an investment decision.

This Report is for distribution only under such circumstances as may be permitted by applicable law. This Report is not directed at you if NBF or any affiliate distributing this Report is prohibited or restricted by any legislation or regulation in any jurisdiction from making it available to you. You should satisfy yourself before reading it that NBF is permitted to provide this Report to you under relevant legislation and regulations.

National Bank of Canada Financial Markets is a trade name used by National Bank Financial and National Bank of Canada Financial Inc.

Canadian Residents: NBF or its affiliates may engage in any trading strategies described herein for their own account or on a discretionary basis on behalf of certain clients and as market conditions change, may amend or change investment strategy including full and complete divestment. The trading interests of NBF and its affiliates may also be contrary to any opinions expressed in this Report.

NBF or its affiliates often act as financial advisor, agent or underwriter for certain issuers mentioned herein and may receive remuneration for its services. As well NBF and its affiliates and/or their officers, directors, representatives, associates, may have a position in the securities mentioned herein and may make purchases and/or sales of these securities from time to time in the open market or otherwise. NBF and its affiliates may make a market in securities mentioned in this Report. This Report may not be independent of the proprietary interests of NBF and its affiliates.

This Report is not considered a research product under Canadian law and regulation, and consequently is not governed by Canadian rules applicable to the publication and distribution of research Reports, including relevant restrictions or disclosures required to be included in research Reports.

UK Residents: This Report is a marketing document. This Report has not been prepared in accordance with EU legal requirements designed to promote the independence of investment research and it is not subject to any prohibition on dealing ahead of the dissemination of investment research. In respect of the distribution of this Report to UK residents, NBF has approved the contents (including, where necessary, for the purposes of Section 21(1) of the Financial Services and Markets Act 2000). This Report is for information purposes only and does not constitute a personal recommendation, or investment, legal or tax advice. NBF and/or its parent and/or any companies within or affiliates of the National Bank of Canada group and/or any of their directors, officers and employees may have or may have at and interests or long or short positions in, and may at any time make purchases and/or sales as principal or agent, or may act or may act or may act are market in the relevant investments discussed in this Report, or may act or have acted as investment and/or commercial banker with respect hereto. The value of investments, and the income derived from them, can go down as well as up and you may not get back the amount invested. Past performance is not a guide to future performance. If an investment is denominated in a foreign currency, rates of exchange may have an adverse effect on the value of the investment. Investments which are illiquid may be difficult to sell or realise; it may also be difficult to obtain reliable information about their value or the extent of the risks to which they are exposed. Certain transactions, including those involving futures, swaps, and other derivatives, give rise to substantial risk and are not suitable for all investors. The investments contained in this Report is not for distribution to real upont to real upont to real upont the rules of the Financial Conduct Authority). Persons who are retail clients should not act or rely upon the information in this Report. This Report for sale or

This information is only for distribution to Eligible Counterparties and Professional Clients in the United Kingdom within the meaning of the rules of the Financial Conduct Authority. NBF is authorised and regulated by the Financial Conduct Authority and has its registered office at 70 St. Mary Axe, London, EC3A 8BE. NBF is not authorised by the Prudential Regulation Authority and the Financial Conduct Authority to accept deposits in the United Kingdom.

EU Residents: With respect to the distribution of this report in the member states of the European Union ("EU") and the European Economic Area ("EEA") by NBC Paris, the contents of this report are for information purposes only and do not constitute investment advice, investment research, financial analysis or other forms of general recommendation relating to transactions in financial instruments within the meaning of Directive 2014/65/EU of the European Parliament and of the Council of 15 May 2014 ("MiFID 2"). This report is intended only for professional investors and eligible counterparties within the meaning of MiFID 2 and its contents have not been reviewed or approved by any EU/EEA authority. NBC Paris is an investment firm authorised by the French Prudential Control and Resolution Authority ("ACPR") to provide investment services in France and has passported its investment services into provide investment services and has its registered office at 8 avenue Percier, 75008 Paris, France. "NBC Financial Markets, a subsidiary of National Bank of Canada" is a trade name used by NBC Paris S.A. NBF is not authorised to provide investment services in the EU/EEA.

U.S. Residents: With respect to the distribution of this report in the United States of America, National Bank of Canada Financial Inc. ("NBCFI") which is regulated by the Financial Industry Regulatory Authority (FINRA) and a member of the Securities Investor Protection Corporation (SIPC), an affiliate of NBF, accepts responsibility for its contents, subject to any terms set out above. To make further inquiry related to this report, or to effect any transaction, United States residents should contact their NBCFI registered representative. This report is not a research report and is intended for Major U.S. Institutional Investors only. This report is not subject to U.S. independence and disclosure standards applicable to research reports.

HK Residents: With respect to the distribution of this report in Hong Kong by NBC Financial Markets Asia Limited ("NBCFMA") which is licensed by the Securities and Futures Commission ("SFC") to conduct Type 1 (dealing in securities) and Type 3 (leveraged foreign exchange trading) regulated activities, the contents of this report are solely for informational purposes. It has not been approved by, reviewed by, verified by or filed with any regulator in Hong Kong. Nothing herein is a recommendation, advice, offer or solicitation to buy or sell a product or service, nor an official confirmation of any transaction. None of the products issuers, NBCFMA or its affiliates or other persons or entities named herein are obliged to notify you of changes to any information and none of the foregoing assume any loss suffered by you in reliance of such information.

The content of this report may contain information about investment products which are not authorized by SFC for offering to the public in Hong Kong and such information will only be available to, those persons who are Professional Investors (as defined in the Securities and Futures Ordinance of Hong Kong ("SFO")). If you are in any doubt as to your status you should consult a financial adviser or contact us. This material is not meant to be marketing materials and is not intended for public distribution. Please note that neither this material nor the product referred to is authorized for sale by SFC. Please refer to product prospectus for full details.

There may be conflicts of interest relating to NBCFMA or its affiliates' businesses. These activities and interests include potential multiple advisory, transactional and financial and other interests in securities and instruments that may be purchased or sold by NBCFMA or its affiliates, or in other investment vehicles which are managed by NBCFMA or its affiliates that may purchase or sell such securities and instruments.

No other entity within the National Bank of Canada group, including National Bank of Canada and National Bank Financial Inc, is licensed or registered with the SFC. Accordingly, such entities and their employees are not permitted and do not intend to: (i) carry on a business in any regulated activity in Hong Kong; (ii) hold themselves out as carrying on a business in any regulated activity in Hong Kong; (iii) actively market their services to the Hong Kong public.

Copyright: This Report may not be reproduced in whole or in part, or further distributed or published or referred to in any manner whatsoever, nor may the information, opinions or conclusions contained in it be referred to without in each case the prior express written consent of NBF.

Disclaimer: Teranet - National Bank House Price Index: The index data and related information and materials ("Index Data") are protected by copyright law, both individually and as a collective work or compilation, and by trade-mark law, and other applicable laws. National Bank of Canada ("NBC") and Teranet Enterprises Inc. ("Teranet") grant to you a limited non-exclusive, non-transferable license to view, copy and print this report, provided that all copies that you make must be solely for your non-commercial use, and must retain all copyright and other notices that are required. Except tas provided in the previous sentence, you may not (for either commercial use) use, distribute, sell, modify, transmit, revise, revese engineer, republish, post or create derivative works (where applicable) of any content of this report may not be used as a basis for any financial instruments or products (including, without limitation, passively managed funds and index-linked derivative securities), or used to create any other data or index (custom or otherwise), without the Index Data Providers' prior written permission. You acknowledge and agree that the Index Data is provided "as is" and neither NBC nor Teranet Warrants the laccuracy, completeness, non-infringement, originality, timeliness or any other constitute investment advice or a recommendation to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any particular trading strategy. Further, none of the Index Data is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be related as isfor any inancial instruments or providers (index Data or index, or used to create any other data or index-linked derivative securities), or used to verify or correct data in any other completion of data or index, or used to create any other constitute investment advice or a recommendation to buy or sell or a solicitation of an offer to buy or sell any se