CANADIAN ECONOMIC RESILIENCE



Dr. Sherry Cooper January 22, 2022





RETHINKING REAL ESTATE CONFERENCE

Canadian Economy



OMICRON HITS CANADIAN GROWTH IN Q1

| Canada | 2021 Q1 | Q2 | Q3f | Q4f |
|---------------|-------------------|------|-----|-----|
| GDP Growth | 4.9% | -3.2 | 5.4 | 4.5 |
| Canada | 2022 Q1f | Q2f | Q3f | Q4f |
| GDP Growth | <mark>0.0%</mark> | 8.0 | 7.0 | 4.5 |

| Global GDP Growth | 2021 (%) | 2022 (%) |
|----------------------|------------------|------------------|
| US | 5.6 | 3.5 |
| <mark>Canada</mark> | <mark>4.5</mark> | <mark>4.0</mark> |
| UK | 7.3 | 4.5 |
| Euro Area | 5.2 | 4.0 |
| China | 8.0 | 5.5 |
| Global | 5.8 | 4.5 |



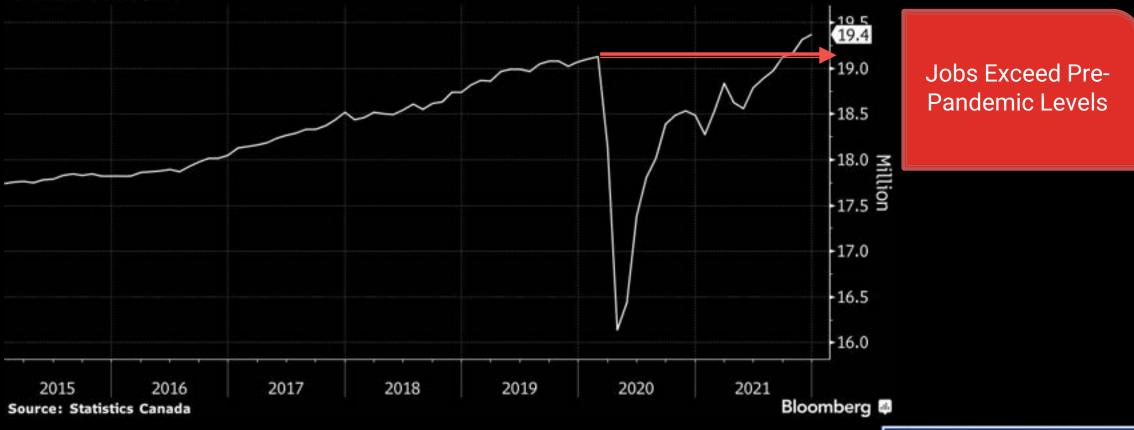
Employment Rate Is At Pre-Pandemic Level



CONSIDERABLE MOMENTUM IN Q4

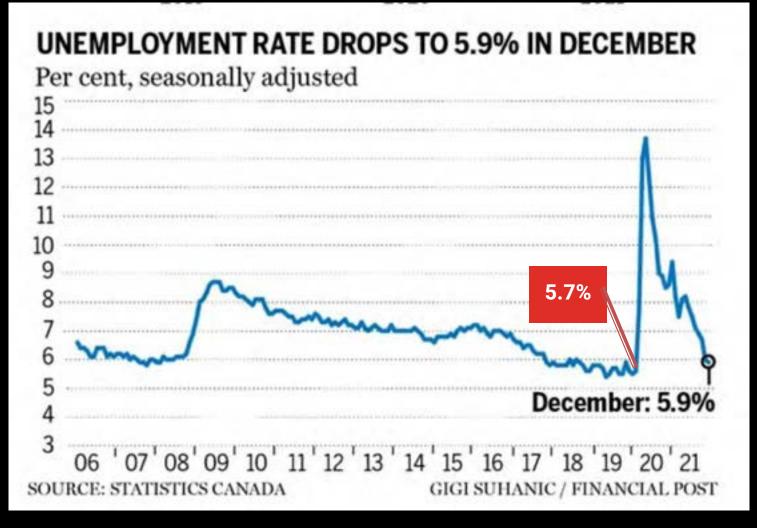
Nearing Full Employment Canada jobs exceed pre-pandemic levels

Canada Total Employment



DOMINION LENDING

UNEMPLOYMENT RATE CLOSE TO PRE-PANDEMIC LEVEL







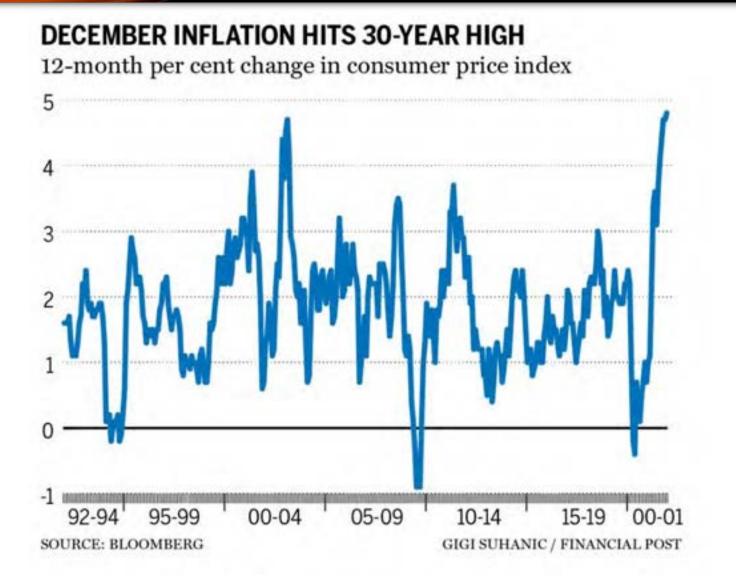


Supply disruptions and extreme weather: Fuel shortages, food shortages, chip shortages, container shortages, labour shortages, bottlenecks at the ports...

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DOMINION I

ENDING

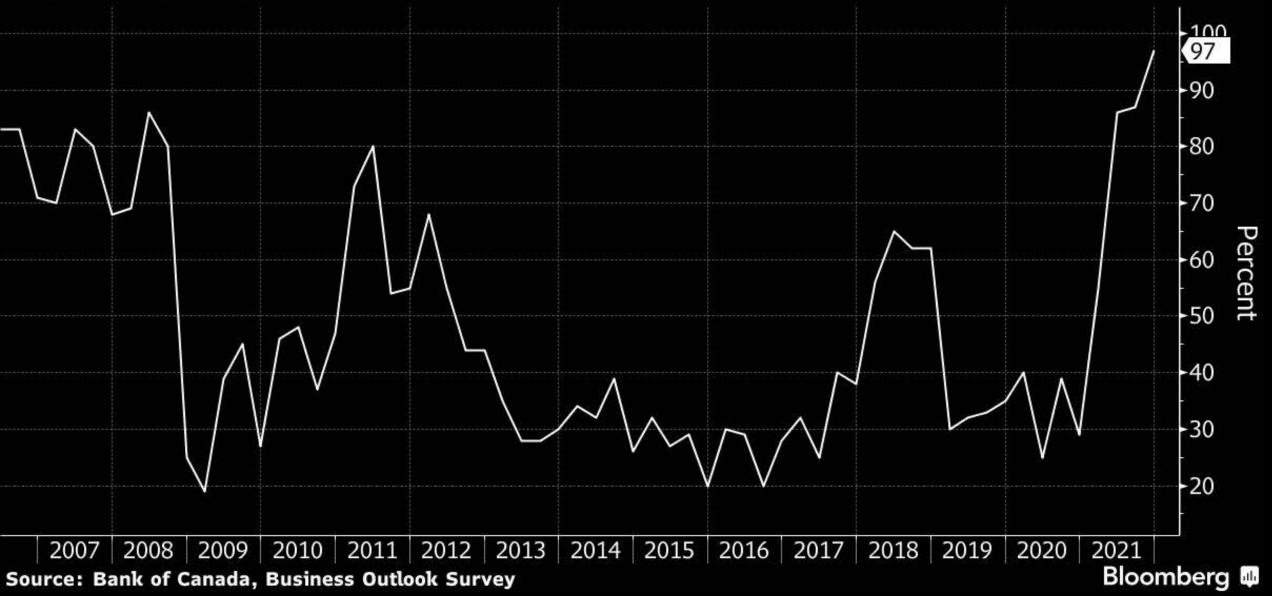


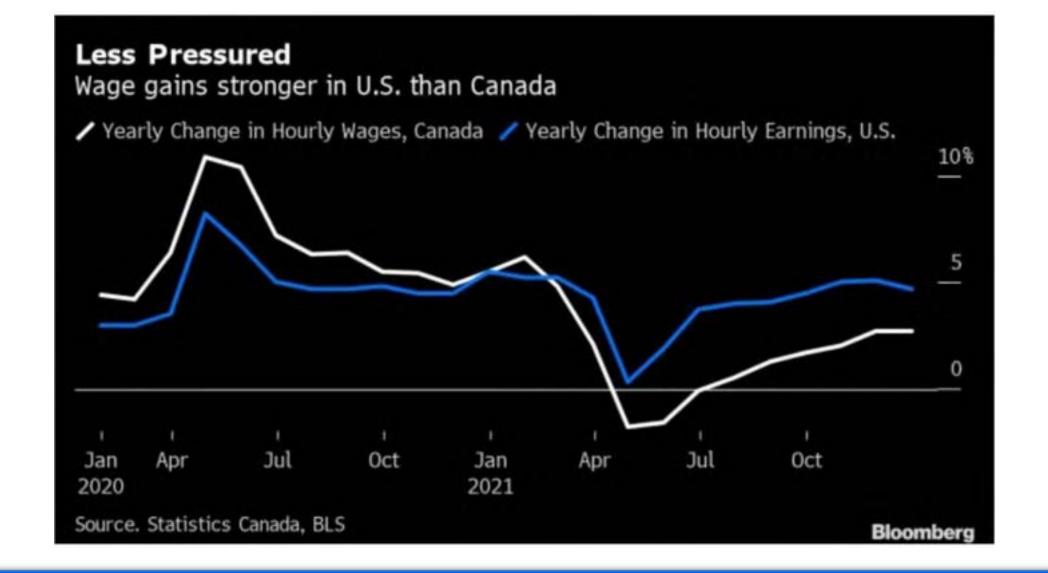


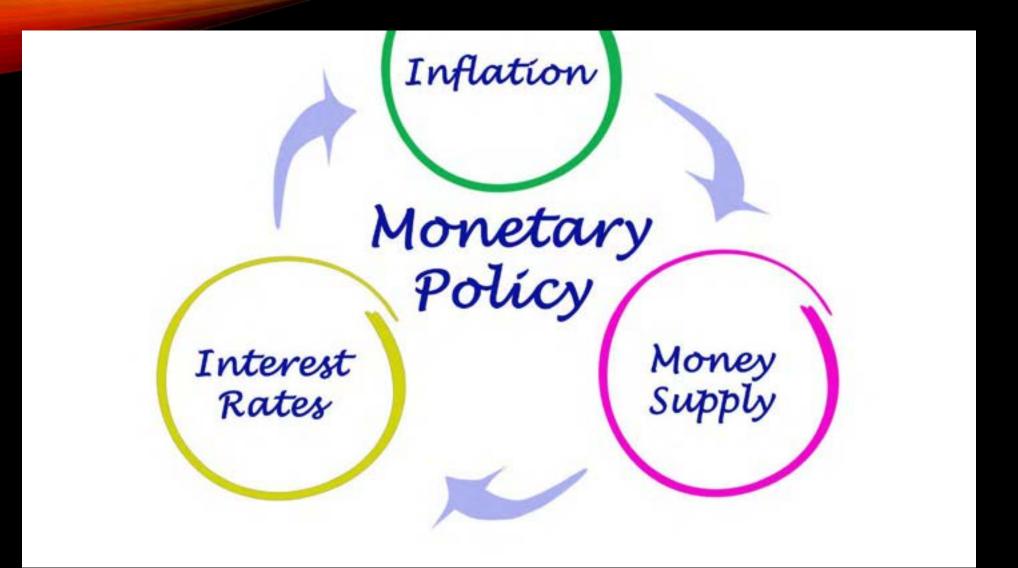
Expecting Heat Record 97% of firms see inflation above the BOC's 2% target



Proportion Expecting Inflation Over 2% Over Next Two Years









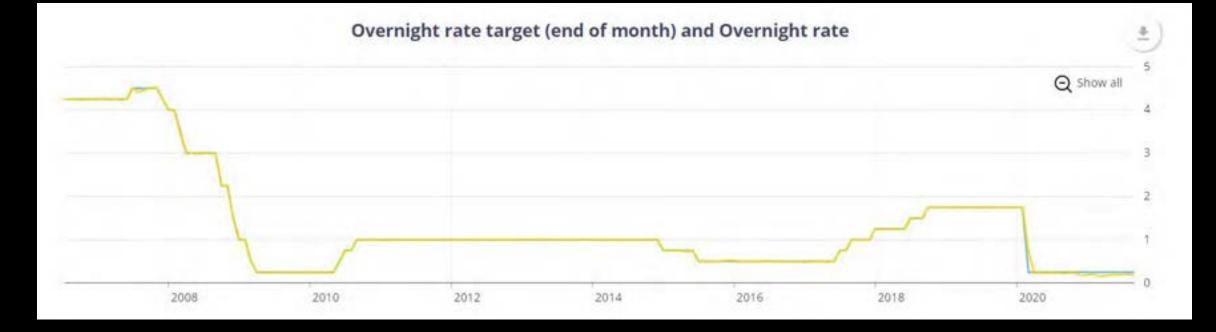


Rate Hikes Coming Bond Holdings Constant

BANK OF CANADA



OVERNIGHT RATE HIKE DRIVES UP PRIME RATE AND VARIABLE MORTGAGE RATES



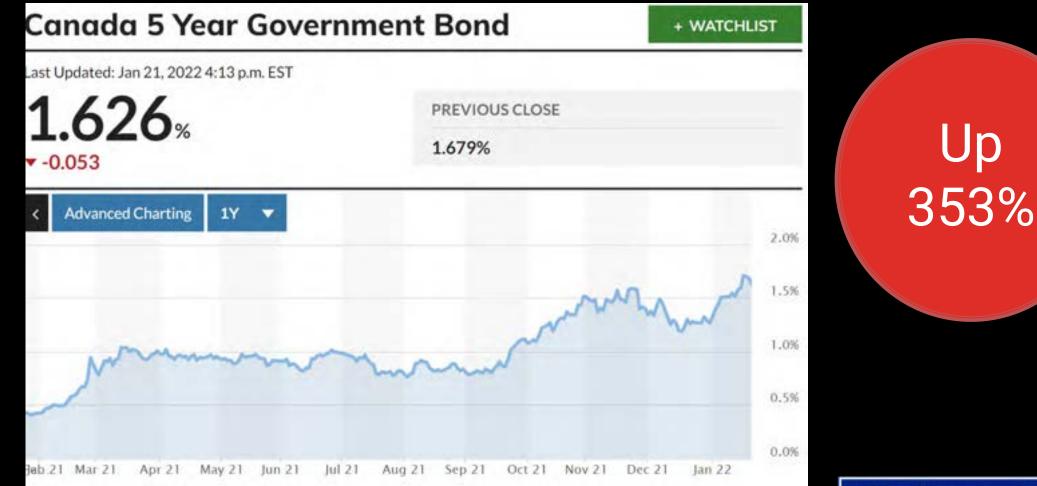


TRADERS' BETS FOR OVERNIGHT RATE HIKE

- Markets are pricing in 6 rate hikes in 2022
- And 2 more in 2023 to 2.25% in two years
- Was at 1.75% before Covid hit in March 2020

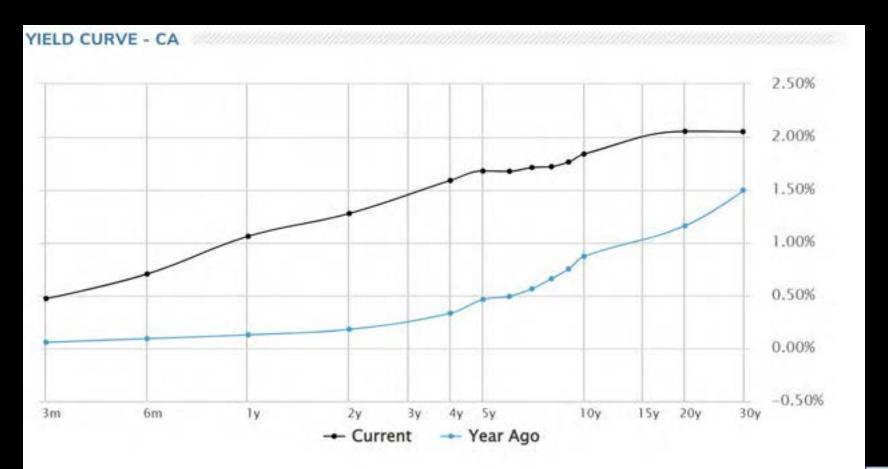


5-YEAR BOND YIELD IMPACTS FIXED MORTGAGE RATES—UP FROM 0.46% ONE YEAR AGO





YIELD CURVE RISES





CANADIAN HOUSING MARKET

DOMINION LENDING

December Home Sales

Boosted by expected rate hikes

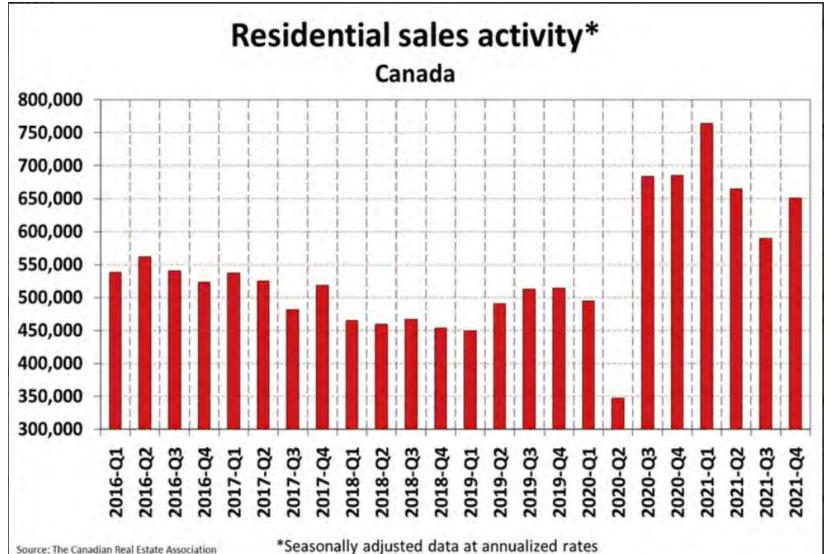
Constrained by record low supply

DOMINION LENDING

Prices rise once again

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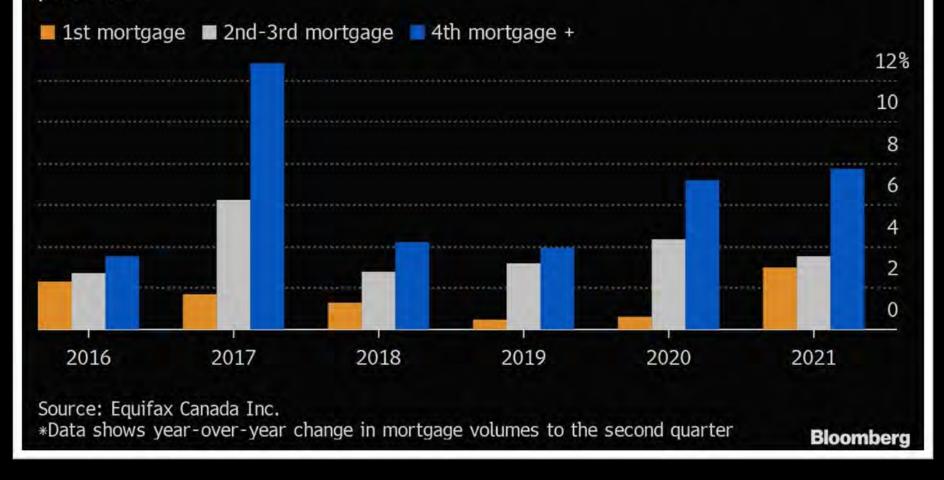
DECEMBER HOME SALES TOPPED OFF **RECORD YEAR**



CENTRES

Investor Advantage

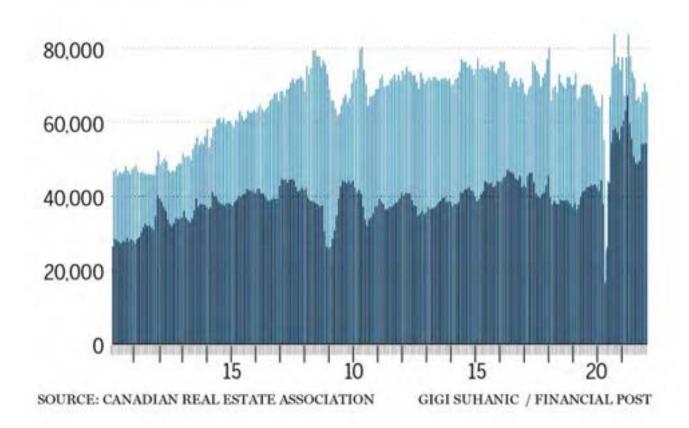
The number of people with multiple mortgages has surged during the pandemic





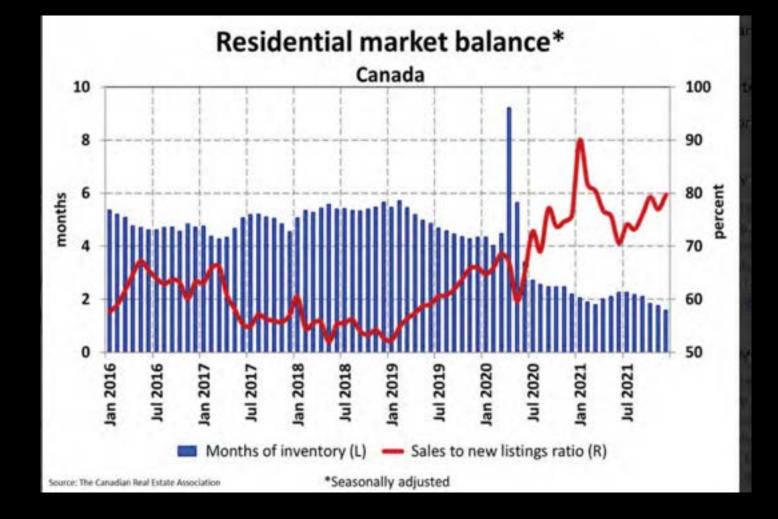
HOUSING IN A SUPPLY-DEMAND BIND

- New listings
- Unit sales, Canada
- 100,000



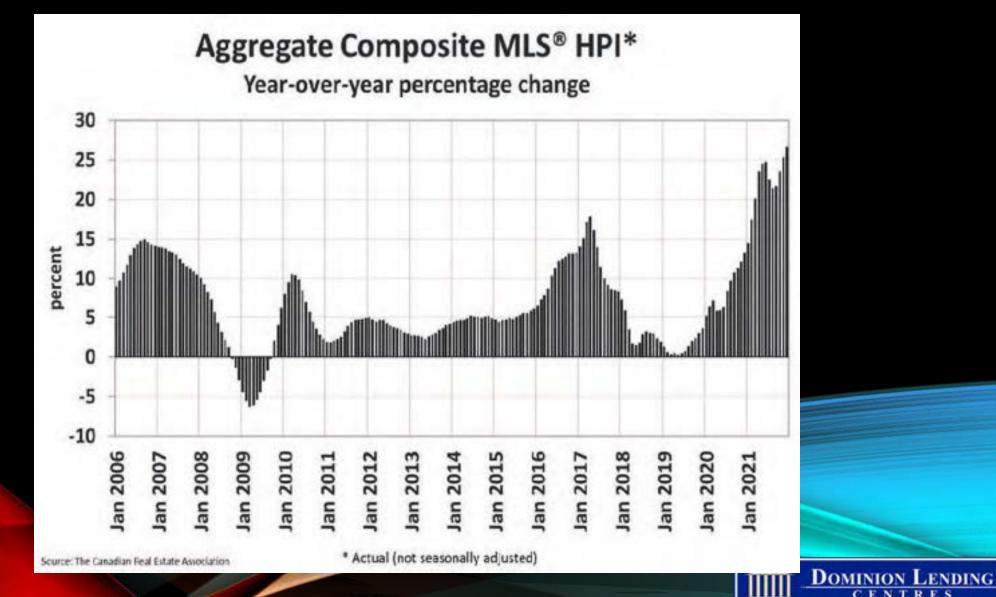


SELLER'S MARKET IN HOUSING



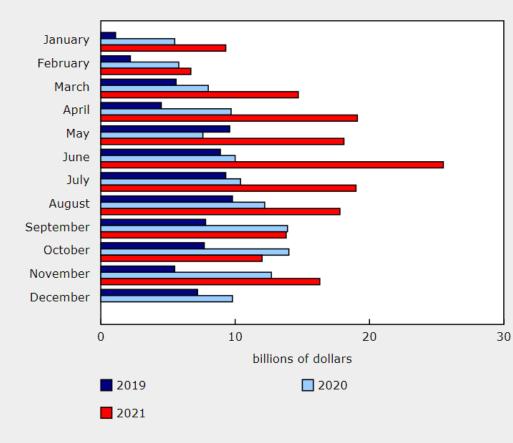


HOME PRICE INDEX AT RECORD HIGH



CENTRES

2021 WAS A BLOCKBUSTER YEAR FOR MORTGAGE LENDING



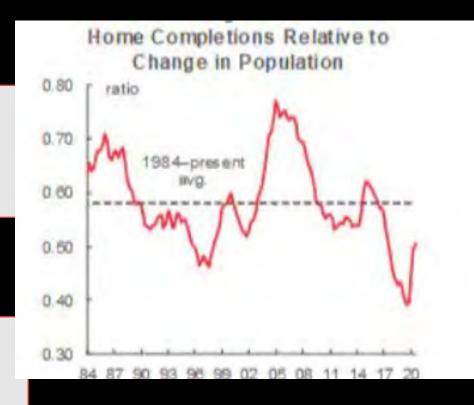
not available for a specific reference period.

Source(s): Table <u>36-10-0639-01</u>.

UNDER-SUPPLY OF HOUSING SINCE 2016

Immigration Surge Since 2015 Boosted Population

Housing Completions Did Not Keep Up



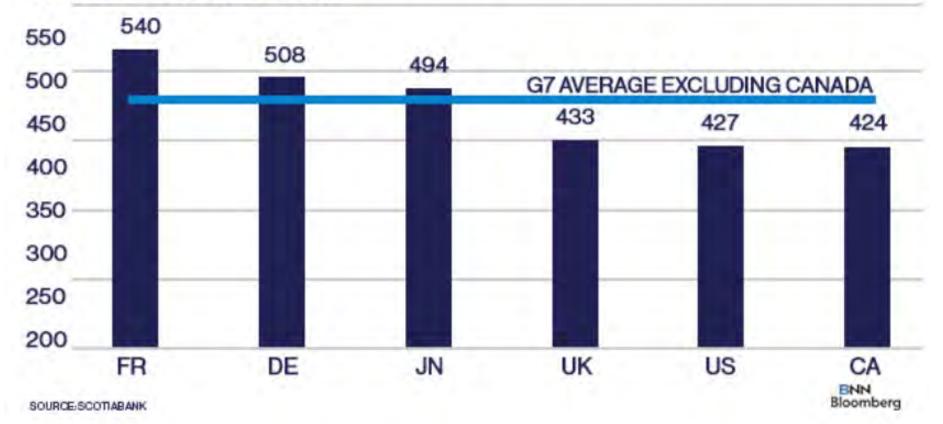


HOMEBUILDING NOT KEEPING UP WITH NEW HOUSEHOLD FORMATION





HOMES TO POPULATION IN G7 COUNTRIES UNITS PER 1000 PERSONS







OVERALL PLANNED PERMANENT RESIDENT ADMISSIONS

| | 2021 | 2022 | 2023 |
|--------|---------|---------|---------|
| High | 410,000 | 420,000 | 430,000 |
| Target | 401,000 | 411,000 | 421,000 |
| Low | 300,000 | 320,000 | 330,000 |



The Chronic Shortage Of Housing Drives Up Prices And Reduces Affordability

CANADA HAS ONE OF FASTEST GROWING POPULATIONS IN OECD 60% of the annual inflow of permanent residents are "economic" immigrants

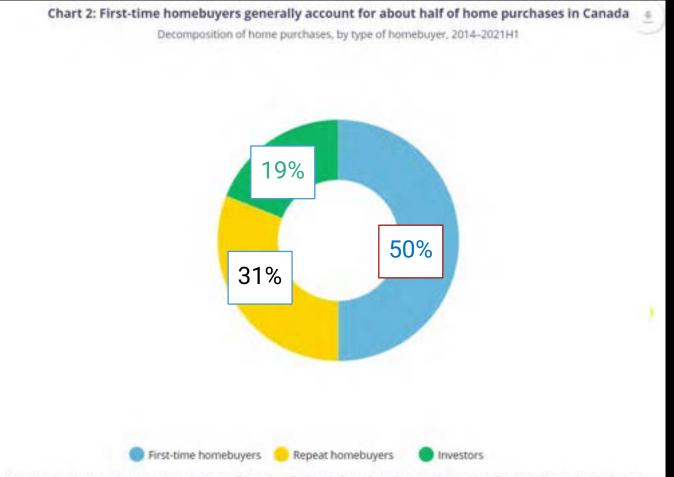
Of Canada's foreign-born population of working age, almost 70% have a post-secondary education

30% of the 25- to 44-year-old immigrants arriving in Canada in the previous five years were homeowners.

Among those who arrived between five and 10 years ago, 53% were homeowners, only 6 points less than the percentage for Canadian-born.

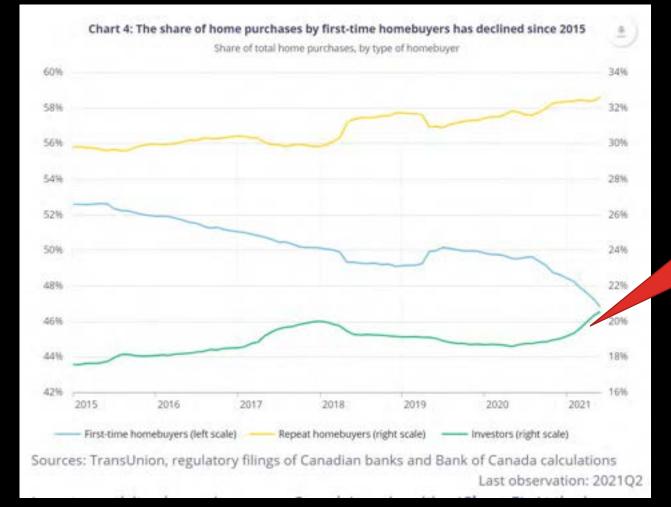


FIRST-TIME HOMEBUYERS ARE ABOUT HALF OF ALL HOME PURCHASES



Sources: TransUnion, regulatory filings of Canadian banks and Bank of Canada calculations

BANK OF CANADA STUDY—FIRST-TIME BUYER SHARE DECLINES



Investor Share Rises

FEDS TARGET INVESTORS IN HOUSING

FEDS REVIEW DOWN PAYMENT RULES FOR INVESTORS

"Speculative investing in residential real estate has become an important concern, prompting Canadians to overbid on properties, borrow beyond what they can afford, and push home prices even higher."

CMHC and Ministry of Housing

POSSIBLE FEDERAL ACTIONS TO CURB HOUSING INVESTMENT

Could Raise 20% Minimum Downpayment Restrict Borrowing Sources

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