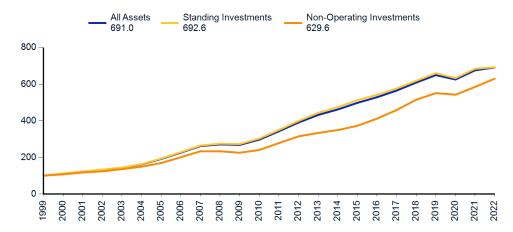
# MSCI/REALPAC Canada Annual Property Index (Unfrozen) published Quarterly (CAD)

This index, produced by MSCI, measures unlevered total returns of directly held property investments from one valuation to the next. The index tracks performance of 2,387 property investments, with a total capital value of CAD 173.8 billion as at March 2023.

#### **Annual Index Performance**

PROPERTY RETURNS (CAD) (DEC 1999 - MAR 2023)



## Calendar Year Performance (%)

ANNUALIZED TOTAL DETUDA

		1100	7
Year	All Assets(1)	Standing Investments <sup>(2)</sup>	Non-Operating Investments <sup>(3)</sup>
2022	2.3	1.3	7.7
2021	8.0	8.0	7.8
2020	-3.7	-4.0	-1.5
2019	6.7	6.7	7.0
2018	7.7	7.3	12.3
2017	6.9	6.4	11.5
2016	6.2	5.7	10.5
2015	7.9	8.0	6.7
2014	6.9	7.2	4.7
2013	10.5	11.0	5.9

#### **Index Performance**

PROPERTY RETURNS (%) MAR 2023

					ANNOALIZED TOTAL RETORN					
	1 Qtr	6 Mo	YTD	1 Yr	2 Yr	3 Yr	5 Yr	7 Yr	10 Yr	Since Inception
All Assets <sup>(1)</sup>	-	-	0.5	0.9	4.8	2.4	3.9	4.7	5.8	8.7
Standing Investments(2)	-	-	0.5	-0.2	4.3	1.9	3.6	4.3	5.5	8.7
Non-Operating Investments(3)	-	-	0.8	6.8	7.8	5.2	6.4	7.8	7.1	8.3

#### **Index Risk Characteristics**

(%) DEC 1999 - MAR 2023

		ANNUAL				ANNUALIZED TOTAL RETURN				
	3 Yr	5 Yr	7 Yr	10 Yr	Since Inception	3 Yr	5 Yr	7 Yr	10 Yr	Since Inception
Standard Deviation	-	-	-	-	-	-	-	4.1	3.8	5.5
Semi Deviation <sup>(4)</sup>	-	-	-	-	-	-	-	-	2.5	2.7

<sup>&</sup>lt;sup>4</sup>Below-target semi deviation

#### Capital Invested

TOTAL TO MAR 2023 % OF BEGINNING PERIOD CV

		CUMULATIVE								
	1 Qtr	6 Mo	YTD	1 Yr	2 Yr	3 Yr	5 Yr	7 Yr	10 Yr	Since Inception
Purchases <sup>(5)</sup>	-	-	0.2	1.7	5.4	6.5	13.2	21.5	34.8	103.6
Sales <sup>(6)</sup>	-	-	0.5	2.7	7.9	9.5	17.0	25.5	37.7	88.2

<sup>&</sup>lt;sup>5</sup>Includes part purchases, <sup>6</sup>Includes part sales



#### **Index Characteristics**

Market Value (CAD m)	173,755
Number of Portfolios	48
Number of Properties	2,387
Average Property Value (CAD m)	72.8
Value Appraised %	54

#### **Market Characteristics**

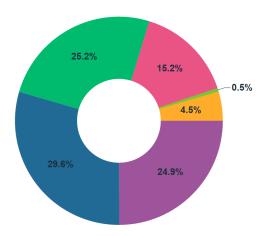
Estimated Market Size (CAD m)	477,353
As of Date	Dec-2022
PERCENTILE DISTRIBUTION OF PROPER	TY VALUES (CAD m)

95th%	252.82
75th%	75.14
50th%	31.45
25th%	14.70
5th%	3.41

#### **Index Transparency**

	Total Market Value (CAD m)	Average Property Value (CAD m)	Number Of Portfolios	Number Of Properties	Top 5 Properties
Retail	43,336	135.4	33	320	22.7%
Office	51,361	95.3	34	539	12.0%
Industrial	43,824	48.6	29	902	10.8%
Residential	26,430	61.5	35	430	7.4%
Hotel	926	154.4	3	6	97.0%
Other	7,878	41.5	20	190	24.2%

#### **Property Sector Weights**



Sector weights are calculated by aggregating the capital value of individual assets across the main property types. This illustrates the composition of the index and whether there is a heavier concentration in a particular property sector thus having a greater impact on the overall index performance. Where applicable, MSCl's client confidentiality and dominance rules suppress data based on small or skewed samples. Therefore the impacted sectors may not be reported individually but included in "Others".

Retail
Office
Industrial
Residential
Hotel
Other

IN ASSOCIATION WITH



### **Index Methodology**

<sup>1</sup>All Asset performance measures every direct property investment in MSCI's index database comprised of all property sectors, ownership structures and interests.

<sup>2</sup>The Standing Investment index subset is based on completed and lettable properties only, often described as operating properties.

<sup>3</sup>The Non-Operating Investment index subset is constructed from those properties not included in the Standing Investments index subset. Non-operating Index base dates may differ as MSCl's client confidentiality rules suppress data based on small or skewed samples.

All three direct property indexes are computed at the building level and exclude properties held indirectly through investment funds, the impact of debt, fund management fees, taxation and cash. Numbers at sector level may not necessarily sum up to the 'Total' values due to rounding. For more details on MSCI's real estate indexes and methodology, please visit <a href="https://www.msci.com/real-estate">www.msci.com/real-estate</a>



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