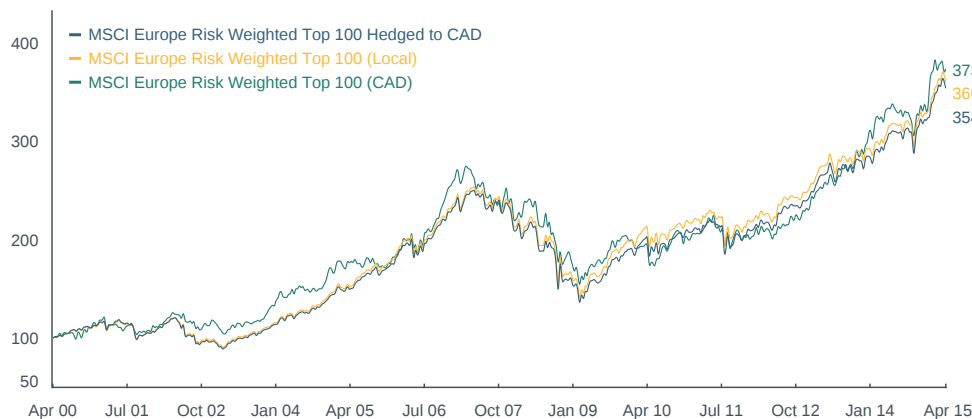


# MSCI EUROPE RISK WEIGHTED TOP 100 INDEX HEDGED TO CAD (CAD)

The MSCI Europe Risk Weighted Top 100 Index Hedged to CAD is based on a traditional market capitalization weighted parent index, the MSCI Europe Index, which includes developed Europe large- and mid-capitalization stocks. Constructed using a simple, but effective and transparent process, each security of the parent index is reweighted so that stocks with lower risk are given higher index weights. The final constituents of the MSCI Europe Risk Weighted Top 100 Index are determined by ranking these security level risk weights and taking the top 100 subset securities. The Index seeks to emphasize stocks with lower historical return variance and tends to have a bias towards lower size and lower risk stocks. Historically, the Index has exhibited lower realized volatility in comparison to its parent index, while maintaining reasonable liquidity and capacity. The index is 100% hedged to the CAD by notionally "selling" each foreign currency forward at the one-month forward exchange rate at the end of each month.

## CUMULATIVE INDEX PERFORMANCE - NET RETURNS (CAD) (APR 2000 – APR 2015)



## ANNUAL PERFORMANCE (%)

Year	MSCI Europe Risk Weighted Top 100 Hedged to CAD	MSCI Europe Risk Weighted Top 100 (Local)	MSCI Europe Risk Weighted Top 100 (CAD)
2014	12.85	11.98	9.84
2013	19.36	18.60	30.47
2012	14.14	13.19	13.80
2011	1.10	0.92	1.41
2010	8.61	8.31	-0.70
2009	19.25	20.65	8.19
2008	-31.84	-30.49	-22.36
2007	2.75	3.00	-5.64
2006	30.82	29.58	44.79
2005	21.69	22.48	4.27
2004	27.82	28.13	27.96
2003	15.86	15.40	10.89
2002	-9.80	-8.11	6.88
2001	-5.29	-4.77	-3.30

## INDEX PERFORMANCE — NET RETURNS (%) (APR 30, 2015)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Dec 31, 1998
MSCI Europe Risk Weighted Top 100 Hedged to CAD	0.53	5.46	17.55	10.29	17.61	12.62	9.05	8.45
MSCI Europe Risk Weighted Top 100 (Local)	0.45	5.31	16.57	9.92	16.72	11.86	9.04	8.49
MSCI Europe Risk Weighted Top	-0.12	0.70	11.95	12.47	20.89	14.60	7.73	7.28

## INDEX RISK AND RETURN CHARACTERISTICS (DEC 31, 1998 – APR 30, 2015)

	ANNUALIZED STD DEV (%) <sup>1</sup>			SHARPE RATIO <sup>1, 2</sup>			Since Dec 31, 1998	MAXIMUM DRAWDOWN	
	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Europe Risk Weighted Top 100 Hedged to CAD	7.70	7.98	10.85	2.10	1.45	0.68	0.58	46.10	2007-06-01—2009-03-09
MSCI Europe Risk Weighted Top 100 (Local)	7.68	7.96	10.80	2.01	1.37	0.69	0.59	44.87	2007-06-01—2009-03-09
MSCI Europe Risk Weighted Top	7.61	7.91	10.51	1.99	1.29	0.54	0.44	43.75	2007-06-01—2009-03-09

Developed Market countries in Europe include: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the UK.  
<sup>1</sup>Based on monthly net returns data.  
<sup>2</sup>Based on BBA LIBOR 1M.  
The MSCI Europe Risk Weighted Top 100 Index was launched on Sep 20, 2014. Data prior to this launch date is back-tested data (i.e. calculations of how the index might have performed over that time period had the index existed).

## INDEX METHODOLOGY

A risk weight for each parent index constituent is computed as the ratio of the inverse of the security variance to the sum of the inverse of the security variances of all constituents in the parent index. Next, a risk weight “inclusion factor” is calculated for each security using the ratio of its risk weight to its free float market cap weight. A final risk weight for each constituent is then determined by adjusting its market cap weight in the parent index by its risk weight inclusion factor and then renormalizing the weights accordingly. The constituents of the final MSCI Risk Weighted Top 100 Index are established by ranking the final security level risk weights in the MSCI Risk Weighted Index and then taking the top 100 subset securities.

To hedge the currency risk in a MSCI Risk Weighted Top 100 Index, each foreign currency in the index is hedged back to a home currency (e.g., CAD) by notionally “selling” each currency forward at the one-month forward rate at the end of each month. To construct investable and replicable indexes, MSCI calculates the performance of Hedged Indexes using foreign currency weights and corresponding foreign currency notional amounts as of two business days before the first calendar day of the following month.

## ABOUT MSCI

For more than 40 years, MSCI's research-based indexes and analytics have helped the world's leading investors build and manage better portfolios. Clients rely on our offerings for deeper insights into the drivers of performance and risk in their portfolios, broad asset class coverage and innovative research. Our line of products and services includes indexes, analytical models, data, real estate benchmarks and ESG research. MSCI serves 98 of the top 100 largest money managers, according to the most recent P&I ranking. For more information, visit us at [www.msci.com](http://www.msci.com).

The information contained herein (the “Information”) may not be reproduced or disseminated in whole or in part without prior written permission from MSCI. The Information may not be used to verify or correct other data, to create indexes, risk models, or analytics, or in connection with issuing, offering, sponsoring, managing or marketing any securities, portfolios, financial products or other investment vehicles. Historical data and analysis should not be taken as an indication or guarantee of any future performance, analysis, forecast or prediction. None of the Information or MSCI index or other product or service constitutes an offer to buy or sell, or a promotion or recommendation of, any security, financial instrument or product or trading strategy. Further, none of the Information or any MSCI index is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. The Information is provided “as is” and the user of the Information assumes the entire risk of any use it may make or permit to be made of the Information. NONE OF MSCI INC. OR ANY OF ITS SUBSIDIARIES OR ITS OR THEIR DIRECT OR INDIRECT SUPPLIERS OR ANY THIRD PARTY INVOLVED IN THE MAKING OR COMPILING OF THE INFORMATION (EACH, AN “MSCI PARTY”) MAKES ANY WARRANTIES OR REPRESENTATIONS AND, TO THE MAXIMUM EXTENT PERMITTED BY LAW, EACH MSCI PARTY HEREBY EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. WITHOUT LIMITING ANY OF THE FOREGOING AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL ANY OF THE MSCI PARTIES HAVE ANY LIABILITY REGARDING ANY OF THE INFORMATION FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR ANY OTHER DAMAGES EVEN IF NOTIFIED OF THE POSSIBILITY OF SUCH DAMAGES. The foregoing shall not exclude or limit any liability that may not be applicable law be excluded or limited.

© 2015 MSCI Inc. All rights reserved.

