MSCI EUROPE IMI (CAD)

The MSCI Europe Investable Market Index (IMI) captures large, mid and small cap representation across 15 Developed Markets countries in Europe*. With 1,431 constituents, the index covers approximately 99% of the free float-adjusted market capitalization across the Developed Markets countries of Europe.

CUMULATIVE INDEX PERFORMANCE - NET RETURNS (CAD) (APR 2004 - APR 2019)

- MSCI Europe IMI - MSCI Europe - MSCI World IMI 286.95 200 Apr 04 Jul 05 Oct 06 Jan 08 Apr 09 Jul 10 Oct 11 Jan 13 Apr 14 Jul 15 Oct 16 Jan 18 Apr 19

ANNUAL PERFORMANCE (%)

Year	MSCI Europe IMI	MSCI Europe	MSCI World IMI		
2018	-7.92	-7.20	-1.25		
2017	18.44	17.26	14.39		
2016	-4.06	-3.85	4.45		
2015	18.34	16.52	18.98		
2014	2.24	2.28	13.94		
2013	35.18	33.64	35.97		
2012	17.44	16.48	13.49		
2011	-9.88	-8.85	-3.71		
2010	0.09	-1.54	7.62		
2009	17.30	15.35	11.73		
2008	-33.87	-32.98	-25.98		
2007	-4.12	-3.43	-7.99		
2006	34.93	33.21	19.64		
2005	7.57	6.68	7.51		

FUNDAMENTALS (APR 30, 2019)

INDEX PERFORMANCE — NET RETURNS (%) (APR 30, 2019)

						ANNU	ALIZED					
	1 Mo	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr	Since May 31, 1994	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI Europe IMI	4.40	10.24	1.12	13.37	9.60	5.82	9.77	6.94	3.51	15.97	13.95	1.81
MSCI Europe	4.29	10.32	1.82	13.07	9.52	5.46	9.26	6.77	3.64	15.70	13.71	1.81
MSCI World IMI	4.21	10.45	10.89	14.81	13.98	11.72	13.20	7.05	2.39	18.84	16.03	2.37

ANNULALIZED

INDEX RISK AND RETURN CHARACTERISTICS (APR 30, 2019)

		ANNUALIZED STD DEV (%) 2			SHARPE RATIO 2,3				MAXIMUM DRAWDOWN		
	Turnover (%) ¹	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since May 31, 1994	(%)	Period YYYY-MM-DD	
MSCI Europe IMI	1.89	10.75	11.75	12.98	0.91	0.54	0.76	0.36	54.30	2007-04-20—2009-03-09	
MSCI Europe	1.71	10.48	11.68	12.85	0.92	0.51	0.73	0.35	53.61	2007-04-20—2009-03-09	
MSCI World IMI	2.11	9.27	10.06	9.69	1.46	1.16	1.30	0.41	49.90	2000-03-24-2009-03-09	
	¹ Last 12 mo	onths	² Based on monthly net ref		eturns data ³ Based on ICE LIBOR 1M			n ICE LIBOR 1M			

The MSCI Europe IMI was launched on Jun 05, 2007. Data prior to the launch date is back-tested data (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance -- whether actual or back-tested -- is no indication or guarantee of future performance.



^{*} Developed Markets countries in Europe include: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the UK.

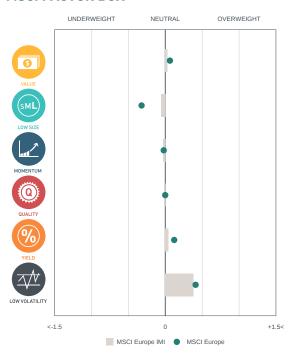
INDEX CHARACTERISTICS

	MSCI Europe IMI					
Number of	1,431					
Constituents						
	Mkt Cap (CAD Millions)					
Index	13,656,026.33					
Largest	396,467.21					
Smallest	85.46					
Average	9,543.00					
Median	2,249.96					

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (CAD Billions)	Index Wt. (%)	Sector
NESTLE	СН	396.47	2.90	Cons Staples
ROCHE HOLDING GENUSS	CH	249.12	1.82	Health Care
NOVARTIS	CH	238.15	1.74	Health Care
HSBC HOLDINGS (GB)	GB	234.37	1.72	Financials
BP	GB	196.61	1.44	Energy
ROYAL DUTCH SHELL A	GB	193.61	1.42	Energy
TOTAL	FR	180.37	1.32	Energy
SAP	DE	169.77	1.24	Info Tech
ROYAL DUTCH SHELL B	GB	161.88	1.19	Energy
LVMH MOET HENNESSY	FR	146.16	1.07	Cons Discr
Total		2,166.51	15.86	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN MSCI FACTOR BOX



MSCI FaCS



VALUE Relatively Inexpensive Stocks



LOW SIZE Smaller Companies



MOMENTUM Rising Stocks



QUALITY
Sound Balance Sheet Stocks



YIELD Cash Flow Paid Out

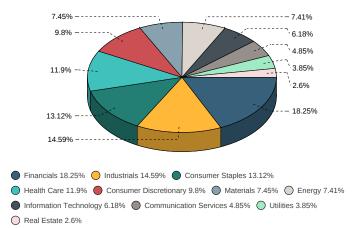


LOW VOLATILITY Lower Risk Stocks

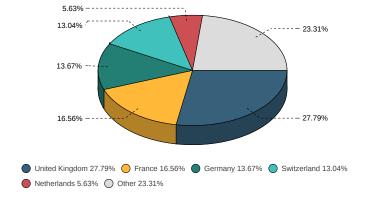
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

SECTOR WEIGHTS



COUNTRY WEIGHTS





INDEX METHODOLOGY

The index is based on the MSCI Global Investable Market Indexes (GIMI) Methodology —a comprehensive and consistent approach to index construction that allows for meaningful global views and cross regional comparisons across all market capitalization size, sector and style segments and combinations. This methodology aims to provide exhaustive coverage of the relevant investment opportunity set with a strong emphasis on index liquidity, investability and replicability. The index is reviewed quarterly—in February, May, August and November—with the objective of reflecting change in the underlying equity markets in a timely manner, while limiting undue index turnover. During the May and November semi-annual index reviews, the index is rebalanced and the large, mid and small capitalization cutoff points are recalculated.

FACTOR BOX AND FaCS METHODOLOGY

MSCI FaCS is a standard method (MSCI FaCS Methodology) for evaluating and reporting the Factor characteristics of equity portfolios. MSCI FaCS consists of Factor Groups (e.g. Value, Size, Momentum, Quality, Yield, and Volatility) that have been extensively documented in academic literature and validated by MSCI Research as key drivers of risk and return in equity portfolios. These Factor Groups are constructed by aggregating 16 factors (e.g. Book-to-Price, Earnings/Dividend Yields, LT Reversal, Leverage, Earnings Variability/Quality, Beta) from the latest Barra global equity factor risk model, GEMLT, designed to make fund comparisons transparent and intuitive for use. The MSCI Factor Box, which is powered by MSCI FaCS, provides a visualization designed to easily compare absolute exposures of funds/indexes and their benchmarks along 6 Factor Groups that have historically demonstrated excess market returns over the long run.

ABOUT MSCI

For more than 40 years, MSCI' research-based indexes and analytics have helped the world' 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 99 of the top 100 largest money managers, according to the most recent P&I ranking. For more information, visit us at www.msci.com.

The information contained herein (the "Information") may not be reproduced or redisseminated 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 this 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 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 OB 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 by applicable law be excluded or limited.

© 2019 MSCI Inc. All rights reserved.

