

MSCI NORTH AMERICA INDEX (GBP)

The MSCI North America Index is designed to measure the performance of the large and mid cap segments of the US and Canada markets. With 730 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in the US and Canada.

CUMULATIVE INDEX PERFORMANCE - NET RETURNS (GBP) (NOV 2004 – NOV 2019)



ANNUAL PERFORMANCE (%)

Year	MSCI North America	MSCI World	MSCI ACWI
2018	0.13	-3.04	-3.78
2017	10.43	11.80	13.24
2016	33.09	28.24	28.66
2015	4.84	4.87	3.29
2014	18.86	11.46	10.64
2013	27.16	24.32	20.52
2012	9.72	10.74	11.03
2011	0.68	-4.84	-6.66
2010	18.92	15.28	16.21
2009	14.35	15.73	19.86
2008	-14.48	-17.92	-19.97
2007	5.27	7.20	9.79
2006	0.74	5.32	6.10
2005	18.94	22.44	23.95

INDEX PERFORMANCE — NET RETURNS (%) (NOV 29, 2019)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Dec 29, 2000
MSCI North America	3.67	1.29	14.02	25.10	12.50	14.05	14.80	6.93
MSCI World	2.82	1.35	12.97	22.05	11.06	11.95	11.97	6.19
MSCI ACWI	2.48	1.17	12.13	20.41	10.66	11.42	11.25	6.25

FUNDAMENTALS (NOV 29, 2019)

	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI North America	1.93	22.05	18.11	3.41
MSCI World	2.36	19.68	16.67	2.53
MSCI ACWI	2.41	18.79	15.99	2.37

INDEX RISK AND RETURN CHARACTERISTICS (NOV 29, 2019)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2, 3}			Since Dec 29, 2000	MAXIMUM DRAWDOWN (%)	Period YYYY-MM-DD
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			
MSCI North America	2.87	11.42	11.13	11.39	1.05	1.20	1.23	na	52.65	2000-08-31—2002-10-09
MSCI World	2.56	10.09	10.32	10.85	1.04	1.10	1.05	na	51.91	2000-08-31—2003-03-12
MSCI ACWI	3.48	9.90	10.37	10.95	1.02	1.05	0.98	0.33	46.12	2001-01-31—2003-03-12

¹ Last 12 months ² Based on monthly net returns data ³ Based on ICE LIBOR 1M

The MSCI North America Index was launched on Mar 31, 1986. 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.

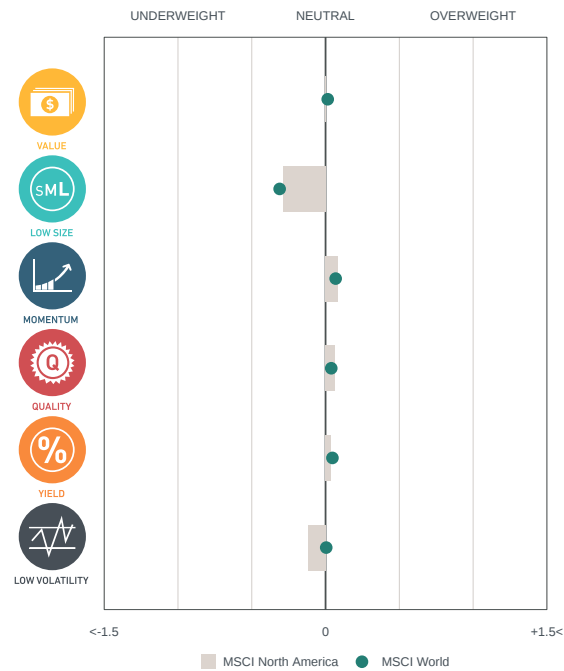
INDEX CHARACTERISTICS

MSCI North America	
Number of Constituents	730
Mkt Cap (GBP Millions)	
Index	22,416,260.07
Largest	933,707.66
Smallest	971.72
Average	30,707.21
Median	12,343.06

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (GBP Billions)	Index Wt. (%)	Sector
APPLE	933.71	4.17	Info Tech
MICROSOFT CORP	848.90	3.79	Info Tech
AMAZON.COM	585.36	2.61	Cons Discr
FACEBOOK A	375.02	1.67	Comm Srvcs
JPMORGAN CHASE & CO	325.71	1.45	Financials
ALPHABET C	315.38	1.41	Comm Srvcs
ALPHABET A	301.98	1.35	Comm Srvcs
JOHNSON & JOHNSON	280.52	1.25	Health Care
VISA A	246.34	1.10	Info Tech
PROCTER & GAMBLE CO	236.16	1.05	Cons Staples
Total	4,449.08	19.85	

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



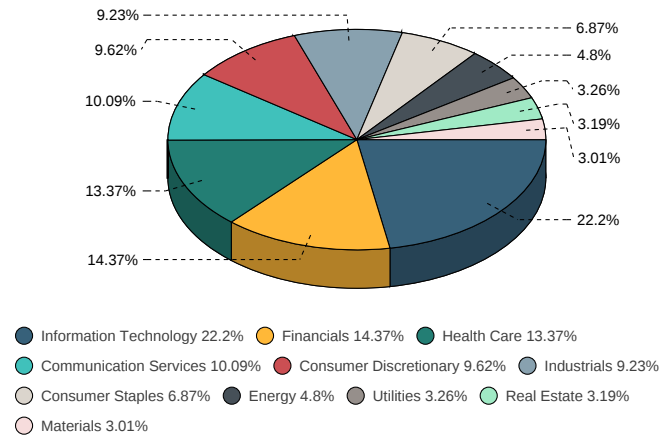
MSCI FaCS

- 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

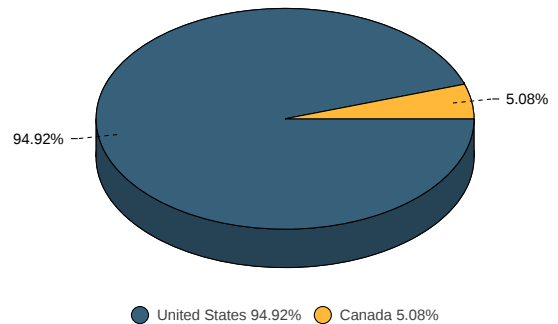
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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 and mid 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

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 45 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process. To learn more, please visit www.msci.com.

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