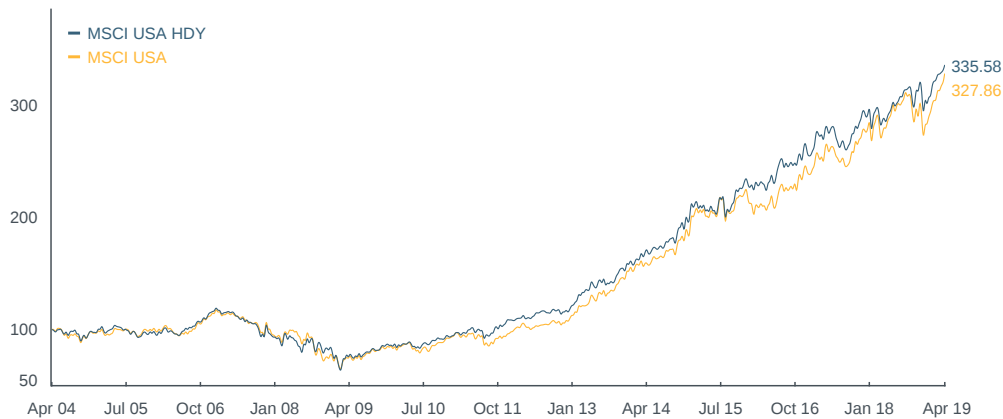


# MSCI USA HIGH DIVIDEND YIELD INDEX (CAD)

The MSCI USA High Dividend Yield Index is based on the MSCI USA Index, its parent index, and includes large and mid cap stocks. The index is designed to reflect the performance of equities in the parent index (excluding REITs) with higher dividend income and quality characteristics than average dividend yields that are both sustainable and persistent. The index also applies quality screens and reviews 12-month past performance to omit stocks with potentially deteriorating fundamentals that could force them to cut or reduce dividends.

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



## ANNUAL PERFORMANCE (%)

Year	MSCI USA HDY	MSCI USA
2018	5.48	3.51
2017	10.67	13.23
2016	11.12	7.06
2015	19.55	20.75
2014	24.10	22.85
2013	36.21	40.63
2012	7.05	12.78
2011	15.93	3.87
2010	8.65	8.78
2009	-0.75	7.22
2008	-10.59	-21.91
2007	-16.05	-10.57
2006	19.44	14.24
2005	0.14	2.51

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

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Dec 29, 2000
MSCI USA HDY	2.35	9.07	17.21	10.49	14.65	14.48	16.21	6.32
MSCI USA	4.70	11.98	18.31	16.48	16.98	15.47	16.03	5.32

## FUNDAMENTALS (APR 30, 2019)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.31	17.10	14.62	3.58
1.92	20.96	17.32	3.48

## INDEX RISK AND RETURN CHARACTERISTICS (DEC 29, 2000 – APR 30, 2019)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Dec 29, 2000	MAXIMUM DRAWDOWN (%)	Period YYYY-MM-DD
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			
MSCI USA HDY	0.78	6.71	20.15	8.96	9.32	8.40	1.58	1.50	1.80	0.45	49.43	2007-02-06—2009-03-05
MSCI USA	1.00	0.00	2.24	10.25	10.67	9.82	1.59	1.41	1.54	0.35	52.56	2001-01-24—2009-03-05

<sup>1</sup> Last 12 months      <sup>2</sup> Based on monthly net returns data      <sup>3</sup> Based on ICE LIBOR 1M

The MSCI USA High Dividend Yield Index was launched on Nov 22, 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.

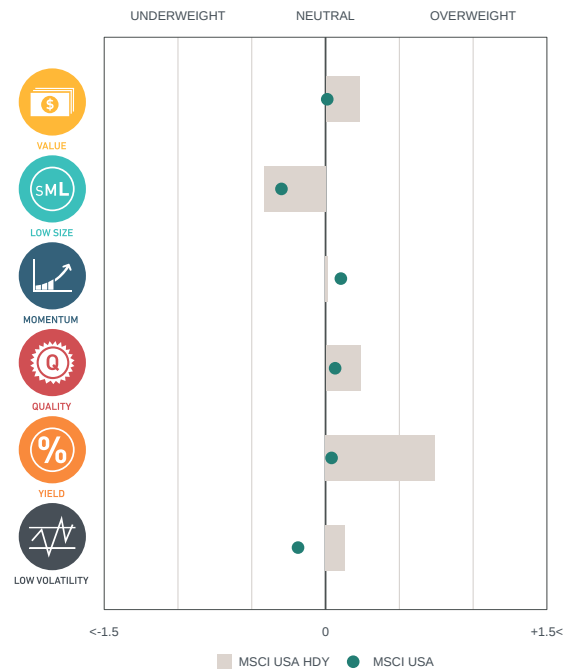
### INDEX CHARACTERISTICS

	MSCI USA HDY	MSCI USA
Number of Constituents	128	624
Weight (%)		
Largest	4.96	3.69
Smallest	0.07	0.01
Average	0.78	0.16
Median	0.37	0.07

### TOP 10 CONSTITUENTS

	Index Wt. (%)	Parent Index Wt. (%)	Sector
EXXON MOBIL CORP	4.96	1.32	Energy
JOHNSON & JOHNSON	4.58	1.47	Health Care
PROCTER & GAMBLE CO	3.90	1.03	Cons Staples
CISCO SYSTEMS	3.70	0.97	Info Tech
PFIZER	3.45	0.91	Health Care
INTEL CORP	3.42	0.90	Info Tech
AT&T	3.31	0.87	Comm Srvcs
MERCK & CO	3.01	0.79	Health Care
BOEING CO	3.00	0.79	Industrials
COCA COLA (THE)	2.92	0.77	Cons Staples
<b>Total</b>	<b>36.25</b>	<b>9.81</b>	

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



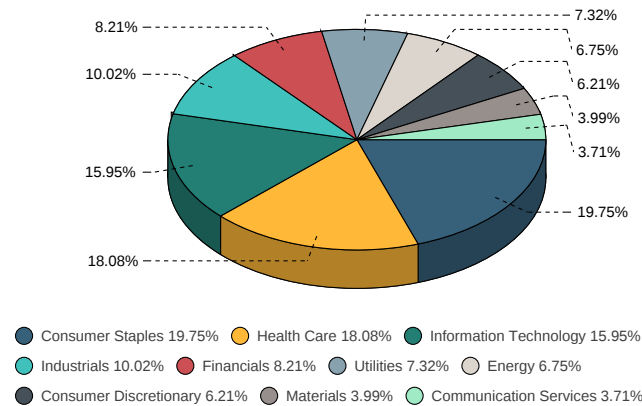
### MSCI FaCS

- 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



## INDEX METHODOLOGY

Each MSCI High Dividend Yield Index targets companies with high dividend income and quality characteristics and includes companies that have higher than average dividend yields that are both sustainable and persistent. Index construction starts with a dividend screening process: only securities with a track record of consistent dividend payments and with the capacity to sustain dividend payouts into the future are eligible index constituents. Securities are also screened based on certain “quality” factors such as return on equity (ROE), earnings variability, debt to equity (D/E), and on recent 12-month price performance. The goal is to exclude stocks with potentially deteriorating fundamentals that could be forced to cut or reduce dividends. From the list of eligible companies, only those with higher than average dividend yields are selected for inclusion in the index. Issuer weights are capped at 5%. The index is market cap weighted and rebalanced semi-annually in May and November.

## 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](http://www.msci.com).

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