MSCI North America ESG Universal Index (USD)

The MSCI North America ESG Universal Index is based on the MSCI North America Index, its parent index, and includes large and midcap securities of the US and Canada markets. The index is designed to reflect the performance of an investment strategy that, by tilting away from free-float market cap weights, seeks to gain exposure to those companies demonstrating both a robust ESG profile as well as a positive trend in improving that profile, using minimal exclusions from the MSCI North America Index.

For a complete description of the index methodology, please see Index methodology - MSCI.

CUMULATIVE INDEX PERFORMANCE — NET RETURNS (USD) (MAY 2010 – APR 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI North America ESG Universal	MSCI North America
2023	25.36	25.96
2022	-19.79	-19.53
2021	27.47	26.44
2020	20.69	19.94
2019	31.63	30.70
2018	-5.15	-5.73
2017	21.38	20.89
2016	11.91	11.57
2015	-1.02	-0.90
2014	12.42	11.90
2013	30.34	29.57
2012	13.27	14.77
2011	-0.90	-0.07

INDEX PERFORMANCE — NET RETURNS (%) (APR 30, 2024)

FUNDAMENTALS (APR 30, 2024)

					ANNUALIZED							
	1 Mo	3 Мо	1 Yr	YTD	3 Yr	5 Yr	10 Yr _M	Since lay 26, 2010	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI North America ESG Universal	-4.35	4.09	22.74	5.87	6.69	12.69	11.67	12.81	1.58	24.07	19.63	4.29
MSCI North America	-4.12	4.00	22.06	5.49	6.72	12.37	11.30	12.73	1.49	24.50	19.94	4.36

INDEX RISK AND RETURN CHARACTERISTICS (MAY 26, 2010 - APR 30, 2024)

				ANNUALIZED STD DEV (%) 2		SHARPE RATIO 2,3				MAXIMUM DRAWDOWN		
	Beta	Tracking Error (%)	Turnover (%) 1	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since May 26, 2010	(%)	Period YYYY-MM-DD
MSCI North America ESG Universal	0.99	0.85	11.65	17.93	18.65	15.36	0.30	0.63	0.70	0.81	33.90	2020-02-19—2020-03-23
MSCI North America	1.00	0.00	2.00	17.76	18.80	15.46	0.30	0.61	0.68	0.80	34.57	2020-02-19-2020-03-23
	¹ Last	¹ Last 12 months ² Based on monthly net returns data ³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date										

The MSCI North America ESG Universal Index was launched on Oct 26, 2018. Data prior to the launch date is back-tested test (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.



APR 30, 2024 Index Factsheet

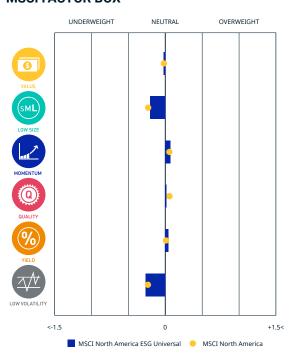
INDEX CHARACTERISTICS

	MSCI North America ESG Universal	MSCI North America					
Number of	687	699					
Constituents							
	Weight (%)						
Largest	7.27	5.97					
Smallest	0.00	0.00					
Average	0.15	0.14					
Median	0.06	0.05					

TOP 10 CONSTITUENTS

	Index Wt. (%)	Parent Index Wt. (%)	Sector
NVIDIA	7.27	4.64	Info Tech
MICROSOFT CORP	4.64	5.97	Info Tech
APPLE	3.40	5.43	Info Tech
AMAZON.COM	2.08	3.54	Cons Discr
ALPHABET A	1.65	2.09	Comm Srvcs
UNITEDHEALTH GROUP	1.53	0.97	Health Care
ALPHABET C	1.46	1.84	Comm Srvcs
MASTERCARD A	1.29	0.82	Financials
BROADCOM	1.28	1.26	Info Tech
HOME DEPOT	1.14	0.72	Cons Discr
Total	25.73	27.28	

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



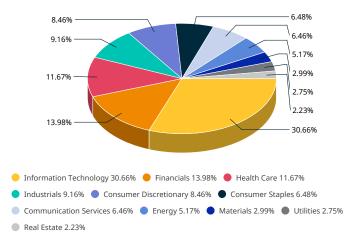
LOW VOLATILITY Lower Risk Stocks

MSCI FaCS provides absolute factor exposures relative to a

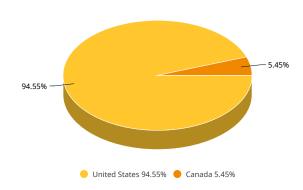
broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY WEIGHTS





APR 30, 2024 Index Factsheet

MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology here)

MSCI FaCS is a standard method 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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