# MSCI ACWI SMALL CAP RISK WEIGHTED INDEX (USD)

The MSCI ACWI Small Cap Risk Weighted Index is based on the MSCI ACWI Small Cap Index, its parent index, which includes small cap stocks across 23 Developed Markets (DM) and 26 Emerging Markets (EM) countries\*. Constructed using a simple, but effective and transparent process, the MSCI ACWI Small Cap Risk Weighted Index reweights each security of the parent index so that stocks with lower risk are given higher index weights. Historically the index has exhibited lower realized volatility in comparison to its parent index, while maintaining reasonable liquidity and capacity.

# CUMULATIVE INDEX PERFORMANCE - GROSS RETURNS (USD) (DEC 2004 - DEC 2019)

## **ANNUAL PERFORMANCE (%)**



Year	ACWI Small Cap Risk Weighted	MSCI ACWI Small Cap
2019	20.25	25.23
2018	-13.43	-14.03
2017	25.05	24.32
2016	13.05	12.10
2015	0.51	-0.63
2014	3.53	2.20
2013	21.37	29.18
2012	17.46	18.63
2011	-11.89	-10.96
2010	24.89	26.71
2009	59.05	51.30
2008	-40.74	-43.42
2007	6.08	7.20
2006	22.69	21.38

# **INDEX PERFORMANCE — GROSS RETURNS** (%) ( DEC 31, 2019 )

### FUNDAMENTALS (DEC 31, 2019)

						ANNU	ALIZED			P/E	P/E Fwd	
	1 Mo	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr	Since May 30, 1997	Div Yld (%)			P/BV
ACWI Small Cap Risk Weighted	3.66	8.44	20.25	20.25	9.19	8.15	9.16	8.89	2.94	18.68	15.37	1.30
MSCI ACWI Small Cap	3.78	9.85	25.23	25.23	10.21	8.32	10.17	8.28	2.10	23.49	18.16	1.78

## INDEX RISK AND RETURN CHARACTERISTICS (MAY 30, 1997 - DEC 31, 2019)

				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 30, 1997	(%)	Period YYYY-MM-DD
ACWI Small Cap Risk Weighted	0.84	4.54	24.68	10.34	10.80	12.40	0.73	0.67	0.71	0.49	57.07	2007-07-19—2009-03-09
MSCI ACWI Small Cap	1.00	0.00	10.50	12.76	12.77	14.59	0.69	0.60	0.69	0.42	60.51	2007-07-13-2009-03-09
			1 Last 12	months <sup>2</sup> Based on monthly gross returns data			<sup>3</sup> Ba	sed on ICE	LIBOR 1M			

The MSCI ACWI Small Cap Risk Weighted Index was launched on Jun 26, 2012. 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.



<sup>\*</sup> DM countries include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, the UK and the US. EM countries include: Argentina, Brazil, Chile, China, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Malaysia, Mexico, Pakistan, Peru, Philippines, Poland, Qatar, Russia, Saudi Arabia, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

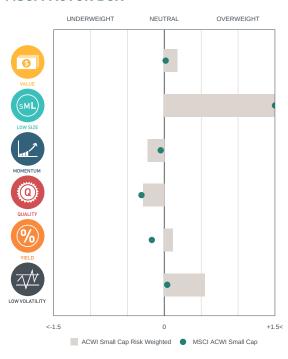
### INDEX CHARACTERISTICS

	ACWI Small Cap Risk Weighted	MSCI ACWI Small Cap					
Number of	5,982	5,983					
Constituents							
	Weight (%)						
Largest	0.13	0.15					
Smallest	0.00	0.00					
Average	0.02	0.02					
Median	0.01	0.01					

### **TOP 10 CONSTITUENTS**

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
ASCOTT RESIDENCE TRUST	SG	0.13	0.03	Real Estate
GOODMAN PROPERTY TRUST	NZ	0.10	0.02	Real Estate
PRECINCT PROPERTIES	NZ	0.09	0.02	Real Estate
REGIONAL REIT	GB	0.09	0.01	Real Estate
INTERSHOP HOLDING INH	CH	0.09	0.01	Real Estate
PRIMARY HEALTH PROP	GB	0.09	0.03	Real Estate
KIWI PROPERTY GROUP	NZ	0.09	0.02	Real Estate
MORI HILLS REIT INV CO	JP	0.09	0.04	Real Estate
IBF FINANCIAL HOLDINGS	TW	0.09	0.01	Financials
TAIWAN SECOM	TW	0.09	0.01	Industrials
Total		0.95	0.20	

# 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

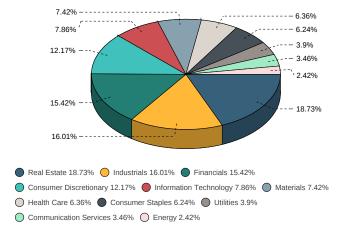


LOW VOLATILITY Lower Risk Stocks

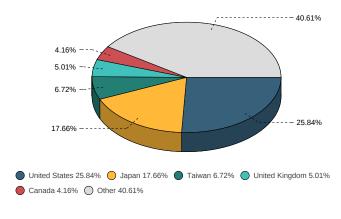
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

# **SECTOR WEIGHTS**



# **COUNTRY WEIGHTS**





### **INDEX METHODOLOGY**

Each MSCI Risk Weighted Index is constructed by reweighting the constituents of its market cap weighted parent index. To derive a risk weight for each security in the parent index, the security's 3-year weekly historical local return is calculated first. The risk weight is then 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. The index is rebalanced semiannually 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**

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 <a href="https://www.msci.com">www.msci.com</a>.

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