

Knowing how to properly benchmark an investment manager and its strategies is crucial to understanding their performance—both on an absolute and relative basis. Indices can have significantly different weightings to countries and regions depending on the investment objective. That will ultimately have an impact on their returns and exposure.

MSCI ACWI Index						
Developed Markets  MSCI World Index			Emerging Markets			
			MSCI	MSCI Emerging Markets Index		
Americas	MSCI EAFE					
Americas	Europe & Middle East	Pacific	Americas	Europe & Middle East	Pacific	
Canada United States	Austria Belgium Denmark Finland France Germany Ireland Israel Italy Netherlands Norway Portugal Spain Sweden Switzerland United Kingdom	Australia Hong Kong Japan New Zealand Singapore	Argentina Brazil Chile Colombia Mexico Peru	Czech Republic Egypt Greece Hungary Poland Qatar Russia Saudi Arabia South Africa Turkey UAE	China India Indonesia Korea Malaysia Pakistan Philippines Taiwan Thailand	

## Research Bites: U.S. and International – Indices

The global markets are broken up between developed markets and emerging markets, with the MSCI ACWI Index including both. A common mistake investors make is thinking that the MSCI World or MSCI EAFE indices include emerging markets. Another oversight is not knowing which countries are defined as developing or emerging. Benchmarking an active manager to the correct index is an important element of evaluating its alpha capabilities.

	ng Global R	Cturris			
Year-to-date index performance	(as of 12/31/2020)				
	Contribution		Contribution		
	to Return		to Return		
MSCI ACWI Performance	16.3%	MSCI World Performance	15.9%		
Developed Market		Developed Market			
Americas	12.0	Americas	13.8		
Europe & Middle East	1.2	Europe & Middle East	1.4		
Pacific	1.1	Pacific	1.3		
Emerging Markets		Emerging Markets			
Americas	-0.2	Americas			
Europe & Middle East	-0.1	Europe & Middle East			
Pacific	2.7	Pacific			
Residual		Residual			
Unclassified	-0.5	Unclassified	-0.5		
	Contribution		Contribution		
	to Return		to Return		
MSCI EAFE Performance	7.8%	MSCI Emerging Mkt Performance	18.3%		
Developed Market		Developed Market			
Americas	0.0	Americas			
Europe & Middle East	4.4	Europe & Middle East			
Pacific	4.0	Pacific	-		
Emerging Markets		Emerging Markets			
Americas -		Americas	-1.5		
Europe & Middle East	-	Europe & Middle East	-0.7		
Pacific -		Pacific	21.2		
Residual		Residual			

## **Country Index Performance**

Ranked by year-to-date returns (as of 12/31/2020)

QTR Return	YTD Return	Emerging Market Performance	QTR Return	YTD Return
14.0%	43.7%	MSCI Korea	38.3%	44.6%
18.4%	24.1%	MSCI Taiwan	23.1%	41.0%
14.4%	23.9%	MSCI China	11.2%	29.5%
13.0%	20.7%	MSCI India	21.0%	15.6%
10.1%	20.4%	MSCI Argentina	21.2%	12.7%
13.2%	19.9%	MSCI Malaysia	10.1%	3.7%
13.0%	15.1%	MSCI United Arab Emirates	10.6%	-0.9%
19.2%	15.0%	MSCI Mexico	31.0%	-1.9%
15.3%	14.5%	MSCI Qatar	2.4%	-2.4%
21.6%	14.4%	MSCI Philippines	22.2%	-3.4%
8.2%	11.6%	MSCI South Africa	22.1%	-4.0%
11.5%	11.5%	MSCI Peru	29.8%	-4.7%
22.9%	8.7%	MSCI Chile	28.4%	-5.6%
15.5%	5.8%	MSCI Indonesia	31.8%	-8.1%
13.9%	5.3%	MSCI Turkey	30.3%	-8.8%
20.4%	4.1%	MSCI Poland	16.5%	-11.4%
22.4%	1.8%	MSCI Hungary	39.2%	-11.7%
18.8%	-1.8%	MSCI Thailand	25.5%	-11.7%
47.3%	-3.3%	MSCI Russia	21.6%	-12.5%
27.7%	-4.8%	MSCI Pakistan	7.7%	-17.1%
18.8%	-7.5%	MSCI Colombia	48.7%	-19.0%
18.3%	-8.1%	MSCI Brazil	37.0%	-19.0%
16.9%	-10.5%	MSCI Greece	16.4%	-26.9%
	Return  14.0%  18.4%  14.4%  13.0%  10.1%  13.2%  13.0%  19.2%  15.3%  21.6%  8.2%  11.5%  22.9%  15.5%  13.9%  20.4%  22.4%  18.8%  47.3%  27.7%  18.8%  18.8%	Return         Return           14.0%         43.7%           18.4%         24.1%           14.4%         23.9%           13.0%         20.7%           10.1%         20.4%           13.2%         19.9%           13.0%         15.1%           19.2%         15.0%           15.3%         14.5%           21.6%         14.4%           8.2%         11.6%           11.5%         11.5%           22.9%         8.7%           15.5%         5.8%           13.9%         5.3%           20.4%         4.1%           22.4%         1.8%           47.3%         -3.3%           27.7%         -4.8%           18.8%         -7.5%           18.3%         -8.1%	Return         Emerging Market Performance           14.0%         43.7%         MSCI Korea           18.4%         24.1%         MSCI Taiwan           14.4%         23.9%         MSCI China           13.0%         20.7%         MSCI India           10.1%         20.4%         MSCI Argentina           13.2%         19.9%         MSCI Malaysia           13.0%         15.1%         MSCI United Arab Emirates           19.2%         15.0%         MSCI Mexico           15.3%         14.5%         MSCI Qatar           21.6%         14.4%         MSCI Philippines           8.2%         11.6%         MSCI South Africa           11.5%         11.5%         MSCI Peru           22.9%         8.7%         MSCI Chile           15.5%         5.8%         MSCI Indonesia           13.9%         5.3%         MSCI Turkey           20.4%         4.1%         MSCI Poland           22.4%         1.8%         MSCI Russia           47.3%         -3.3%         MSCI Russia           27.7%         -4.8%         MSCI Pakistan           18.8%         -7.5%         MSCI Colombia           18.3%         -8.1% <td>Return         Emerging Market Performance         Return           14.0%         43.7%         MSCI Korea         38.3%           18.4%         24.1%         MSCI Taiwan         23.1%           14.4%         23.9%         MSCI China         11.2%           13.0%         20.7%         MSCI India         21.0%           10.1%         20.4%         MSCI Argentina         21.2%           13.2%         19.9%         MSCI Malaysia         10.1%           13.0%         15.1%         MSCI United Arab Emirates         10.6%           19.2%         15.0%         MSCI Mexico         31.0%           15.3%         14.5%         MSCI Qatar         2.4%           21.6%         14.4%         MSCI Philippines         22.2%           8.2%         11.6%         MSCI South Africa         22.1%           11.5%         11.5%         MSCI Peru         29.8%           22.9%         8.7%         MSCI Indonesia         31.8%           13.9%         5.3%         MSCI Turkey         30.3%           20.4%         4.1%         MSCI Poland         16.5%           22.4%         1.8%         MSCI Hungary         39.2%           18.8%</td>	Return         Emerging Market Performance         Return           14.0%         43.7%         MSCI Korea         38.3%           18.4%         24.1%         MSCI Taiwan         23.1%           14.4%         23.9%         MSCI China         11.2%           13.0%         20.7%         MSCI India         21.0%           10.1%         20.4%         MSCI Argentina         21.2%           13.2%         19.9%         MSCI Malaysia         10.1%           13.0%         15.1%         MSCI United Arab Emirates         10.6%           19.2%         15.0%         MSCI Mexico         31.0%           15.3%         14.5%         MSCI Qatar         2.4%           21.6%         14.4%         MSCI Philippines         22.2%           8.2%         11.6%         MSCI South Africa         22.1%           11.5%         11.5%         MSCI Peru         29.8%           22.9%         8.7%         MSCI Indonesia         31.8%           13.9%         5.3%         MSCI Turkey         30.3%           20.4%         4.1%         MSCI Poland         16.5%           22.4%         1.8%         MSCI Hungary         39.2%           18.8%

	QTR	YTD	1-Year	3-Yrs*	5-Yr*	10-Yr*
MSCI ACWI NR USD	14.68	16.25	16.25	10.06	12.26	9.13
MSCI World NR USD	13.96	15.90	15.90	10.54	12.19	9.87
MSCI EAFE NR USD	16.05	7.82	7.82	4.28	7.45	5.51
MSCI EM NR USD	19.70	18.31	18.31	6.17	12.81	3.63

**Data Source: Morningstar** 

\*Annualized

All index performance marked as "TR" is "Total Return" and is calculated based on the daily reinvestment of dividends on the ex-dividend date. The information and statistical data contained herein have been obtained from sources we believe to be reliable. Indices are unmanaged, hypothetical portfolios of securities that are often used as a benchmark in evaluating the relative performance of a particular investment. An index should only be compared with a mandate that has a similar investment objective. An index is not available for direct investment, and does not reflect any of the costs associated with buying and selling individual securities or management fees. Please read the following Glossary of Indexes for important information about each index.



Morgan Stanley Capital International, All Country World Index (MSCI ACWI) – An Index in US dollars based on companies listed on stock exchanges in 23 developed market countries and 27 emerging market countries. The Index is created by aggregating the 50 different country Indices, all of which are created separately. It is considered to be generally representative of domestic and overseas stock markets.

Morgan Stanley Capital International, World Index (MSCI World) - An Index in US dollars based on the share price of companies listed on stock exchanges in 23 developed countries including the US and Canada. This Index is created by aggregating the 23 different country Indices, all of which are created separately. It is considered to be generally representative of domestic and overseas stock markets.

Morgan Stanley Capital International, Europe, Australasia, Far East Index (MSCI EAFE) - An Index in US dollars based on the share price of companies listed on stock exchanges in 21 developed countries outside of North America. This Index is created by aggregating the 21 different country Indices, all of which are created separately. It is considered to be generally representative of overseas stock markets.

Morgan Stanley Capital International, Emerging Markets (MSCI EM) - An Index in US dollars based on companies listed on stock exchanges in 27 emerging market countries. The Index is created by aggregating the 27 different country Indices, all of which are created separately. It is considered to be generally representative of overseas stock markets of emerging market countries.

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