

# MSCI Emerging Markets 5% Extended Risk Control Index

MSCI Emerging Markets 5% Extended Risk Control Index aims to replicate the performance of an investment strategy that attempts to control the level of volatility by adjusting the weights of the MSCI Emerging markets Index, the Treasury Component and the Cash Component.

## Cumulative index performance (USD)

OCTOBER 1999– AUGUST 2022



## Annual Performance (%)

YEAR	MSCI Emerging Markets 5% Extended Risk Control	MSCI Emerging Markets
2021	-3.17%	-2.22%
2020	9.20%	18.69%
2019	11.10%	18.88%
2018	-3.97%	-14.24%
2017	14.08%	37.75%
2016	4.09%	11.60%
2015	-4.09%	-14.60%
2014	4.07%	-1.82%
2013	-5.39%	-2.27%
2012	7.33%	18.63%
2011	4.47%	-18.17%
2010	13.12%	19.20%
2009	5.38%	79.02%
2008	-3.87%	-53.18%

## Index performance

USD GROSS RETURNS (%) AUGUST 31, 2022

INDEX	1 Month	3 Months	1 Year	Year to Date	ANNUALIZED RETURNS			
					3 Years	5 Years	10 Years	Since Oct 29, 1999
MSCI Emerging Markets 5% Extended Risk Control	-1.42	-2.23	-12.55	-10.02	-0.15	0.67	1.76	5.32
MSCI Emerging Markets	0.45	-6.29	-21.48	-17.23	3.10	0.96	3.29	6.90

## Index risk and return characteristics

(%) AUGUST 31, 2022

INDEX	ANNUALIZED STD. DEVIATION			
	3 Years	5 Years	10 Years	Since Oct 29, 1999
MSCI Emerging Markets 5% Extended Risk Control	5.14	5.15	5.4	5.59
MSCI Emerging Markets	17.92	16.87	15.7	21.15

## Index framework

The MSCI Extended Risk Control Indexes use three components in the overall index construction: an MSCI Equity Index Component, a Treasury Component and a Cash-Return Index Component. The weights of the Components are determined daily based on the ratio of the targeted risk level and the volatility of the non-Cash Components and are subject to a maximum leverage.

This summary is provided for illustrative purposes only and does not include all material elements of the index or its methodology. For a complete description of the index methodology, please see [Index methodology - MSCI](#).

### ABOUT MSCI INC.

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