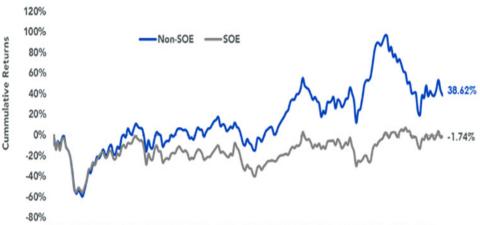
REBALANCING OUR EX-STATE-OWNED ENTERPRISES STRATEGIES

Hyun Kang - Research Analyst 11/03/2023

<u>State-owned enterprises (SOEs)</u> in <u>emerging markets</u> have historically underperformed compared to private companies. We hypothesize this differential exists due to state interests, which pressure SOEs into placing other objectives above shareholder value and profit maximization.

Cumulative Returns of SOEs vs. Non-SOEs in the MSCI Emerging Markets Index



2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022

Sources: WisdomTree, MSCI, FactSet, data 12/31/07—9/29/23. SOEs are defined as firms that have more than 20% of their shares owned by government entities. Non-SOEs are defined as firms that have less than 20% of their shares owned by government entities. Universe of securities is the MSCI Emerging Markets index. You cannot invest directly in an Index. Past performance is not indicative of future returns.

This has been a tough year for emerging markets amid high geopolitical tensions and increasing investor concerns regarding China. <u>Large-</u> and <u>mid-cap</u> emerging markets equities underperformed relative to their U.S. and global counterparts across multiple periods and lagged <u>small-caps</u> by over 11% year-to-date.

MSCI Index Performance by Region and Size

MSCI Country Indexes (USD), as of 9/29/23					
1-Month	3-Month	6-Month	12-Month	Year-to-Date	
-1.48% - EM Small	3.63% - EM Small	10.66% - EM Small	24.35% - EM Emall	13.74% - EM Small	
-3.33% - EM	-1.89% USA	7.60% - USA	19.83% - USA	13.53% - USA	
-3.88% - ACWI	-2.40% - ACWI	4.49% - ACWI	19.83% ACWI	10.06% - ACWI	
4.22% - ACWI Small	-2.63% - EM	2.16% - USA Small	13.55% - ACWI Small	4.34% - ACWI Small	
-4.36% - USA	-2.79% - ACWI Small	1.89% - ACWI Small	12.02% - EM	4.02% - USA Small	
-5.34% - USA Small	-4.38% - USA Small	-1.01% - EM	11.69% - USA Small	1.82% - EM	

Sources: WisdomTree, MSCI, FactSet. You cannot invest directly in an Index. Past performance is not indicative of future returns.



The <u>WisdomTree Emerging Markets ex-State-Owned Enterprises Index (EMXSOE)</u> measures the performance of emerging markets companies that are not state-owned enterprises and is tracked by the <u>WisdomTree Emerging Markets ex-State-Owned Enterprises Fund (XSOE)</u>.

State-owned enterprises are defined as companies with government ownership of more than 20% of the outstanding shares. Since the end of its inception in August 2014, EMXSOE outperformed the MSCI Emerging Markets Index by over 14%.

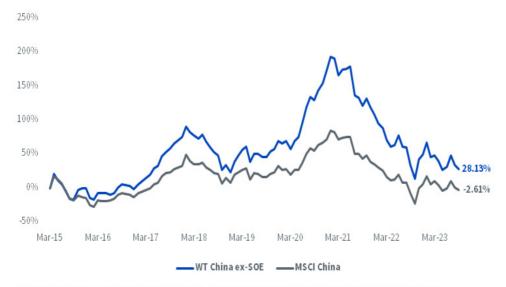
WisdomTree Emerging Markets ex-State-Owned Enterprises Index vs. MSCI Emerging Markets Index



Sources: WisdomTree, MSCI, FactSet, data 8/15/14—9/29/23. You cannot invest directly in an index. Past performance is not indicative of future returns.

The <u>WisdomTree China ex-State-Owned Enterprises Index (CHXSOE)</u> uses the same SOE criteria to measure the performance of Chinese non-SOEs and is tracked by the <u>WisdomTree China ex-State-Owned Enterprises Fund (CXSE)</u>. Launched a year after its broad-EM counterpart in 2015, CHXSOE outperformed its benchmark, the <u>MSCI China Index</u>, by over 30% since its inception.

WisdomTree China ex-State-Owned Enterprises Index vs. MSCI China Index



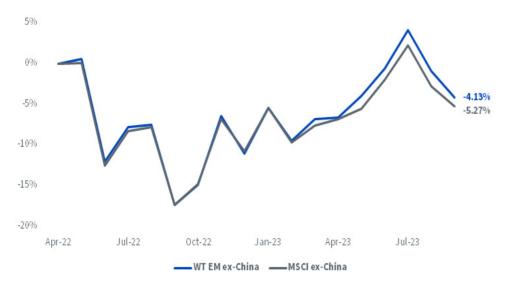
Sources: Wisdom Tree, MSCI, Fact Set, data 3/31/15 - 9/29/23. You cannot invest directly In an Index. Past performance is not Indicative of future returns.

Similarly, the <u>WisdomTree Emerging Markets ex-China Index (WTEMXC)</u> measures the performance of emerging markets non-SOEs excluding Chinese stocks and was launched in



May 2022. Tracked by the <u>WisdomTree Emerging Markets ex-China Fund (XC)</u>, the Index outperformed the <u>MSCI ex-China Index</u> by 1.14% since its inception.

WisdomTree Emerging Markets ex-China Index vs. MSCI Emerging Markets ex-China Index



Sources: WisdomTree, MSCI, FactSet, data 5/2/22-9/29/23. You cannot invest directly in an index. Past performance is not indicative of future returns.

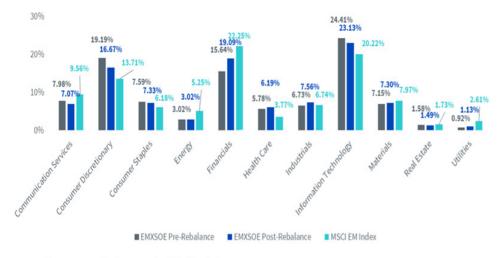
While emerging markets equity returns are depressed this year, portfolios with reduced exposure to SOEs have been outperforming their more exposed counterparts over the long run.

Ex-State-Owned Indexes Rebalance Highlights

EMXSOE, CHXSOE and WTEMXC were rebalanced this October. Following the rebalance, EMXSOE's country allocations were reset to match its starting universe and sector weights were constrained to within $\pm -3\%$

Relative to the MSCI Emerging Markets Index, EMXSOE maintained its over-weight allocations in the Consumer Discretionary, Consumer Staples and Information Technologies sectors, and under-weight allocations in Communications Services, Energy and Financials sectors.

EMXSOE Sector Changes



Sources: WisdomTree, MSCI, as of 9/29/23. You cannot invest directly in an Index.

CHXSOE remained under-weight in the Communications Services and Financials sectors and over-weight in Consumer Discretionary, Health Care, Industrials and Information Technology sectors relative to the MSCI China Index.



e to the MSCI Emerging Markets I cation Services and Consumer Discr r Staples, Information Technology an e to Financials, and is now over-we	etionary sectors, while over-weig d Materials sectors. The Index inc	ht in t reased i
Sector Changes		

According to a recent report from the International Monetary Fund, Chinese government deficits are projected to increase due to heavy local government borrowing. The local Chinese governments are struggling to service their debts, roughly 80% of which is held by Chinese banks, as land sales have dropped considerably in the past few years. EMXSOE, CHXSOE and WTEMXC are all under-weight in Chinese Financials, which are among the cheapest of equities currently, compared to the MSCI Emerging Markets Index, and thus are less exposed to a potential Chinese financial crisis.

MSCI Emerging Markets Index Country-Sector Combinations



 $^{^{1}}$ Greg Ip, "A Financial Crisis in China Is No Longer Unthinkable," *The Wall Street Journal*, 10/19/23.



Important Risks Related to this Article

There are risks associated with investing, including the possible loss of principal. Foreign investing involves special risks, such as risk of loss from currency fluctuation or political or economic uncertainty. Investments in emerging or offshore markets are generally less liquid and less efficient than investments in developed markets and are subject to additional risks, such as risks of adverse governmental regulation and intervention or political developments. Funds focusing their investments on certain sectors and/or regions increase their vulnerability to any single economic or regulatory development. This may result in greater share price volatility. Investments in currency involve additional special risks, such as credit risk and interest rate fluctuations. The Fund invests in the securities included in, or representative of, its Index regardless of their investment merit and the Fund does not attempt to outperform its Index or take defensive positions in declining markets. Please read the Fund's prospectus for specific details regarding the Fund's risk profile.

For the top 10 holdings of CXSE please visit the Fund's fund detail page at https://www.wisdomtree.com/investments/etfs/equity/cxse

For the top 10 holdings of XSOE please visit the Fund's fund detail page at https://www.wisdomtree.com/investments/etfs/equity/xsoe

For standardized performance and the most recent month-end performance click <u>here NOTE</u>, this material is intended for electronic use only. Individuals who intend to print and physically deliver to an investor must print the monthly performance report to accompany this blog.

Related Funds

- + <u>WisdomTree Emerging Markets ex-State-Owned Enterprises Fund</u>
- + WisdomTree China ex-State-Owned Enterprises Fund
- + WisdomTree Emerging Markets ex-China Fund

View the online version of this article here.



IMPORTANT INFORMATION

U.S. investors only: Click <u>here</u> to obtain a WisdomTree ETF prospectus which contains investment objectives, risks, charges, expenses, and other information; read and consider carefully before investing.

There are risks involved with investing, including possible loss of principal. Foreign investing involves currency, political and economic risk. Funds focusing on a single country, sector and/or funds that emphasize investments in smaller companies may experience greater price volatility. Investments in emerging markets, currency, fixed income and alternative investments include additional risks. Please see prospectus for discussion of risks.

Past performance is not indicative of future results. This material contains the opinions of the author, which are subject to change, and should not to be considered or interpreted as a recommendation to participate in any particular trading strategy, or deemed to be an offer or sale of any investment product and it should not be relied on as such. There is no guarantee that any strategies discussed will work under all market conditions. This material represents an assessment of the market environment at a specific time and is not intended to be a forecast of future events or a guarantee of future results. This material should not be relied upon as research or investment advice regarding any security in particular. The user of this information assumes the entire risk of any use made of the information provided herein. Neither WisdomTree nor its affiliates, nor Foreside Fund Services, LLC, or its affiliates provide tax or legal advice. Investors seeking tax or legal advice should consult their tax or legal advisor. Unless expressly stated otherwise the opinions, interpretations or findings expressed herein do not necessarily represent the views of WisdomTree or any of its affiliates.

The MSCI information may only be used for your internal use, may not be reproduced or re-disseminated in any form and may not be used as a basis for or component of any financial instruments or products or indexes. None of the MSCI information is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. Historical data and analysis should not be taken as an indication or guarantee of any future performance analysis, forecast or prediction. The MSCI information is provided on an "as is" basis and the user of this information assumes the entire risk of any use made of this information. MSCI, each of its affiliates and each entity involved in compiling, computing or creating any MSCI information (collectively, the "MSCI Parties") expressly disclaims all warranties. With respect to this information, in no event shall any MSCI Party have any liability for any direct, indirect, special, incidental, punitive, consequential (including loss profits) or any other damages (www.msci.com)

Jonathan Steinberg, Jeremy Schwartz, Rick Harper, Christopher Gannatti, Bradley Krom, Tripp Zimmerman, Michael Barrer, Anita Rausch, Kevin Flanagan, Brendan Loftus, Joseph Tenaglia, Jeff Weniger, Matt Wagner, Alejandro Saltiel, Ryan Krystopowicz, Jianing Wu, and Brian Manby are registered representatives of Foreside Fund Services, LLC.

WisdomTree Funds are distributed by Foreside Fund Services, LLC, in the U.S. only. You cannot invest directly in an index.



DEFINITIONS

<u>WisdomTree China ex-State-Owned Enterprises Index</u>: Measures the performance of Chinese stocks that are not state-owned enterprises. State-owned enterprises are defined as government ownership of more than 20% of outstanding shares of companies.

Emerging market: Characterized by greater market access and less potential for operational risks when compared to frontier markets, which leads to a larger base of potentially eligible investors.

<u>Large-Capitalization (Large-Cap)</u>: A term used by the investment community to refer to companies with a market capitalization value of more than \$10 billion. Large cap is an abbreviation of the term "large market capitalization". Market capitalization is calculated by multiplying the number of a company's shares outstanding by its stock price per share.

Small-cap premium: The academic concept that small-cap stocks have tended to outperform large-cap stocks over time.

MSCI China Index : A free float-adjusted, market capitalization-weighted equity index designed to measure the performance of the Chinese equity market.

MSCI Emerging Markets ex China Index: The MSCI Emerging Markets ex China Index captures large and mid cap representation across 23 of the 24 Emerging Markets (EM) countries excluding China.

