

# NOT YOUR PARENTS' EMERGING MARKETS INDEX

DECEMBER 2018

- The MSCI Emerging Markets Index has changed meaningfully in its 30-year history, more than doubling in constituent countries and growing 400-fold in market capitalization.
- Over the last two decades, emerging Asia's weight in the index has grown, while sector composition has shifted materially, amid declining exposure to extractive industries and increased weight in technology and finance.
- We expect the MSCI Emerging Markets Index to continue to evolve. In particular, we believe that the inclusion of China A-shares is a watershed event that will materially increase China's weight in the index over time.

**"There is nothing permanent except change."**

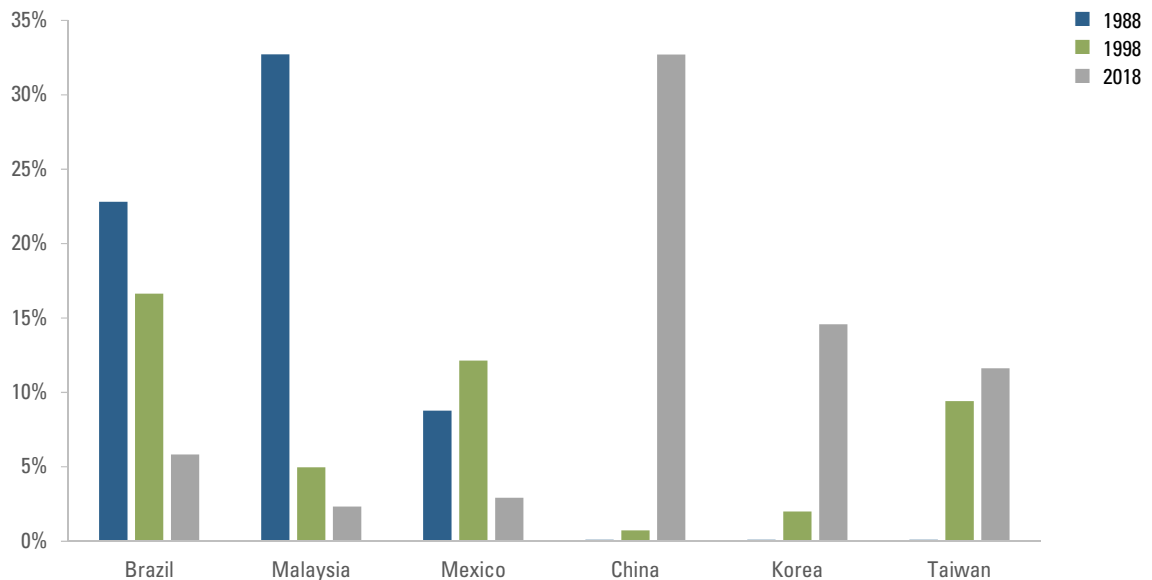
- Heraclitus of Ephesus

In the three decades since the MSCI Emerging Markets (EM) Index launched in 1988, it has undergone sweeping changes. Specifically, index coverage has expanded from 10 to 24 countries and its market capitalization has grown from \$15 billion to \$6 trillion.<sup>1</sup> Development of the Chinese economy, in particular, has spurred significant changes in the composition of this important benchmark, impacting country, regional, and sector exposures. In this paper, we provide examples of how the index has evolved and examine how it might continue to evolve in the future.

## LOOKING BACK

Figures 1-3 help to visualize the dramatic shifts in MSCI EM index composition over time. At the country level, Figure 1 shows how weightings of some of the most prominent constituents have evolved. Thirty years ago, in December 1988, Malaysia and Brazil together represented over half the index. Just 10 years later, Malaysia was no longer in the index, while Mexico, South Korea, South Africa, and Taiwan had joined Brazil in having weights exceeding 10%. Since then, Malaysia has been reinstated and China's weight in the index has risen from a de minimis level to more than 30%.

**FIGURE 1: MSCI EM INDEX WEIGHTS OF SELECTED COUNTRIES**



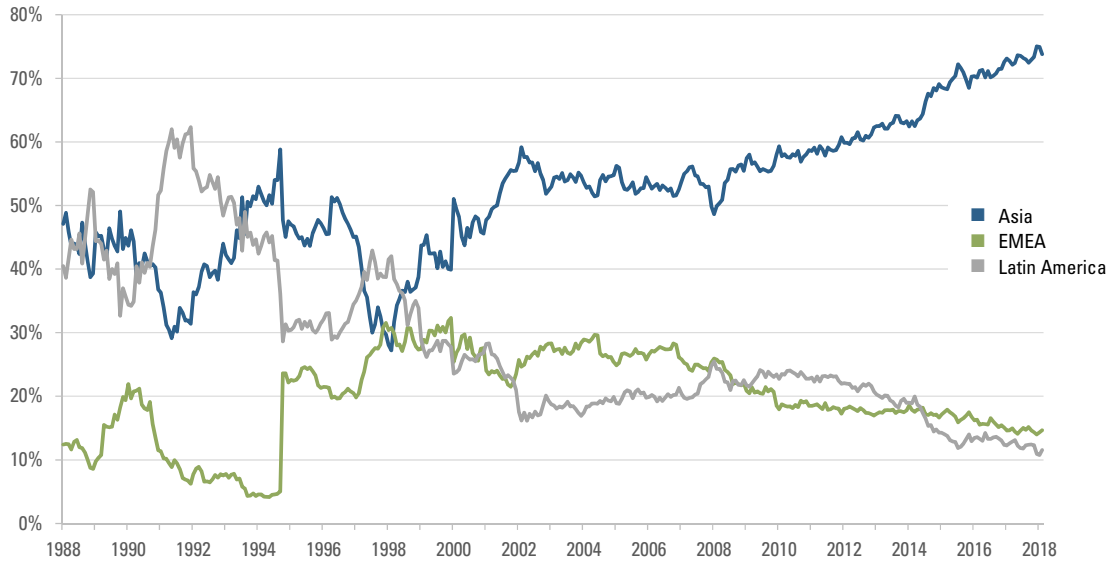
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<sup>1</sup> As of July 2018.

The regional distribution of the MSCI EM Index has likewise shifted through time. As shown in Figure 2, Asia's weight in the MSCI EM Index has grown while Latin America has seen its weight fall.

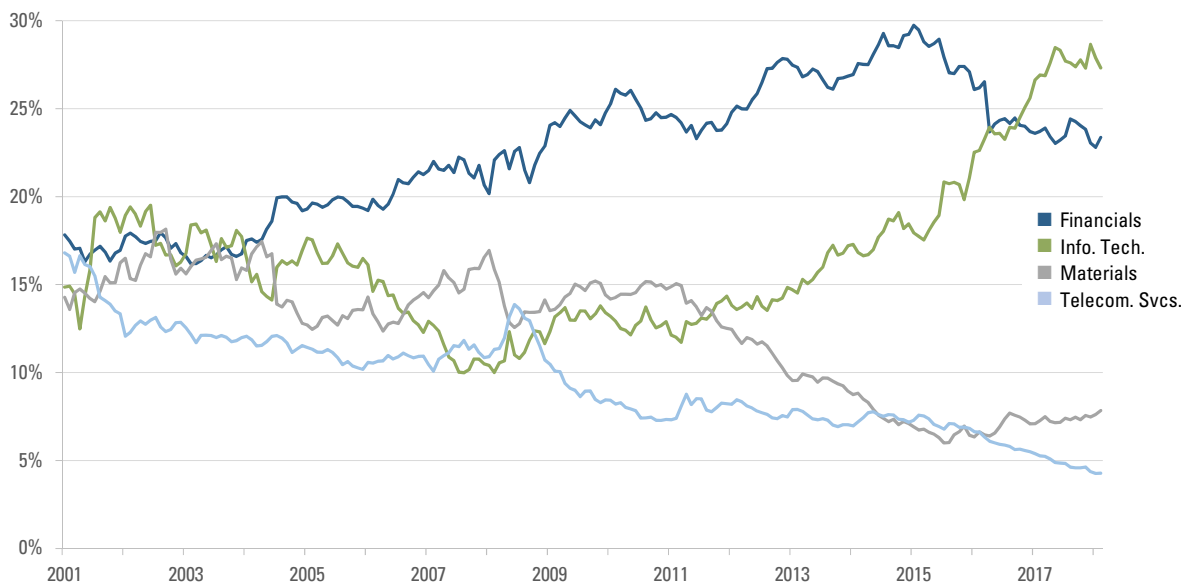
Sector composition has also undergone meaningful shifts. Information Technology and Financials have grown steadily over time and now represent roughly half of the index (Figure 3). In return, Materials and Telecommunication Services have seen their relative importance decrease.

**FIGURE 2: MSCI EM INDEX REGIONAL WEIGHTS**



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**FIGURE 3: MSCI EM INDEX SELECTED SECTOR WEIGHTS**



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## LOOKING AHEAD: CHINA'S POTENTIAL IMPACT

China is already the single largest market in the MSCI EM Index, and its weight is likely to grow further. On June 1, 2018, MSCI added 226 Chinese large-cap A-shares to the index for the first time.<sup>2</sup> Their inclusion is being phased in, as we discussed in our May 2018 piece, "China A-Shares, Welcome to the Emerging Markets Index." A-shares initially comprised a 0.4% weight, reflective of inclusion of the stocks at only 2.5% of their free float-adjusted market capitalization (partial inclusion factor). Effective September 3, that adjustment factor was raised to 5% and A-shares' weight reached 0.7%. MSCI has since announced that it will consider increasing A-shares' weight to 2.8% in 2019 by increasing the partial inclusion factor to 20% in stages and by adding stocks listed on the tech-heavy Shenzhen ChiNext.

China's representation in the MSCI EM index could become much larger. If large-cap A-shares were included at 100% of their free float market cap (adjusted for foreign ownership limits), China would comprise over 40% of the index and Asia close to 80%. Further, if MSCI were to include mid-cap and small-cap A-shares in the index,<sup>3</sup> pending further development of Chinese equity markets and the regulatory environment, and if foreign ownership limits could be relaxed or eliminated, then China would represent over half of the MSCI EM Index by both market capitalization as well as number of listings.

## LOOKING AHEAD: ADDITIONAL THEMES

The MSCI EM Index will continue to evolve over time, reflective of future country promotions to developed markets and demotions, e.g., to frontier (see the Appendix for a history of upgrades and downgrades). MSCI has already announced that in June 2019 they will reclassify Saudi Arabia (now standalone) and Argentina (now frontier) as emerging markets. These changes may have modest short-run impacts on EM index composition, with Saudi Arabia and Argentina representing approximately 2% and 0.5% of the index, respectively, based on current market valuations. However, Saudi Arabia's weight might increase substantially – possibly more than double – if the Kingdom were to publicly list shares in Aramco.<sup>4</sup> A \$150b float of the company would also materially increase the weight of the energy sector from 7.7% as of July 2018 to approximately 10%. MSCI has also already announced that it will consider reclassifying Kuwait from frontier to emerging during its 2019 annual market review. Kuwaiti stocks had a modest USD market cap of \$85b as of July 2018 (ex-free-float adjustment), but the country's addition would raise the profile of Gulf states in the MSCI EM Index.

Potential future reclassifications might include promotions of South Korea and Taiwan to developed market status. The two countries are the second and third largest EM Index constituents, with a combined weight exceeding 25%. Upgrades could cause large outflows from MSCI EM-benchmarked investments. Both countries had been on MSCI's potential upgrade list for several years, but in 2014 the company removed them from consideration due to lack of progress on market accessibility. Improvement could lead to reinstatement. Such country reclassifications may represent opportunity for active investors and drag for passive, as we discussed in our 2015 paper, "Transition Strategies Around MSCI Country Reclassifications." For index reclassification events that generate increased benchmark representation, we see statistically significant positive returns between announcement and effective dates, and we see significant negative returns when benchmark ownership decreases.

## IMPLICATIONS OF EVOLVING COMPOSITION

The evolution of the MSCI EM Index has actionable implications for investors. First, when evaluating historical index behavior to guide our expectations for the future, we should keep the dramatic changes in index composition in mind: lessons drawn from the past index basket may not be relevant to the current version. Beyond the evolution of region and industry composition highlighted earlier, changes in economics abound. For example, the largest countries in MSCI EM today run current account surpluses (e.g., China, South Korea, and Taiwan), whereas in the 1980s and 1990s the largest countries generally ran deficits (e.g., Brazil, Malaysia, and Mexico). As a result, the current basket is less reliant on foreign capital to remain stable and fund growth.

Second, if the MSCI EM Index becomes highly concentrated in Chinese and Asian equities, then asset allocators might consider employing separate EM ex-China (or EM ex-Asia) and China (EM Asia) benchmarks, similar to separating World ex-U.S. and U.S. allocations, or otherwise dedicating an allocation to the smaller EM countries. Doing so might help to retain exposure to the heterogeneity offered by EM, a collection of countries that vary in terms of economic and political development and associated risk exposures. As examples, Russia is a major oil exporter while India is a significant importer; Mexico and South Korea face distinct types of geopolitical risks.

## CONCLUSION

We expect that emerging markets and associated benchmarks will continue to evolve. Asset owners and managers need to be cognizant of, and adapt to, change. Otherwise, they risk making investment decisions better suited to the very different emerging markets of the past than those of today.

<sup>2</sup> A-shares are traded on-shore in China and denominated in Renminbi. The initial inclusion of Chinese equities in 1996 consisted of B-shares (Domestically Listed Foreign Investment Shares). In 2000, MSCI added Hong Kong-traded Chinese equities (Red Chips, H-shares)

<sup>3</sup> MSCI is considering adding mid-cap A-shares in 2020, which would increase the total weight of A-shares in the MSCI EM Index to 3.4%.

<sup>4</sup> Please see discussion in "Saudi Arabia Nearing MSCI EM Index Inclusion," Acadian Asset Management, May 2018. For illustrative purposes only. This should not be considered a recommendation to buy or sell any particular security.

## APPENDIX

The table below shows the movement of countries between the MSCI EM, Frontier, and World Indexes (ignoring stand-alone indexes) since 1997, including announced changes.

| Country   | Went From | Moved To  | When      |
|-----------|-----------|-----------|-----------|
| Argentina | Frontier  | Emerging  | May 2019  |
| Pakistan  | Frontier  | Emerging  | May 2018  |
| Ukraine   | Frontier  | Emerging  | Aug. 2015 |
| Qatar     | Frontier  | Emerging  | May 2014  |
| UAE       | Frontier  | Emerging  | May 2014  |
| Greece    | Developed | Emerging  | Nov. 2013 |
| Morocco   | Emerging  | Frontier  | Nov. 2013 |
| Israel    | Emerging  | Developed | May 2010  |
| Argentina | Emerging  | Frontier  | May 2009  |
| Jordan    | Emerging  | Frontier  | Nov. 2008 |
| Greece    | Emerging  | Developed | May 2001  |
| Portugal  | Emerging  | Developed | Nov. 1997 |

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A few conclusions are apparent:

- Change is relatively infrequent
- Historically, movements between frontier and emerging (8 changes) have been more common than movements between emerging and developed (4 changes)
- Countries can change multiple times and move in both directions on the development continuum (e.g., Argentina, Greece)

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