

MSCI CHINA ALL SHARES IMI THEMATIC INDEXES

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1 Introduction

The MSCI China All Shares IMI Thematic Indexes aim to represent the performance of a set of companies associated with business activities relevant to the theme described in section 2. The MSCI China All Shares IMI Index includes A-shares and B-shares listed in China, H-shares, Red-chips, and P-chips listed in Hong Kong and foreign listing listed outside China or Hong Kong¹.

¹ For details on the MSCI China All Shares IMI Index, please refer to the MSCI China All Shares Indexes Methodology (Available on <https://www.msci.com/index-methodology>)

2 Constructing China All Shares IMI Thematic Indexes

The rules laid out in this document apply to the MSCI China All Shares IMI Thematic indexes described in Table 1

Table 1

No.	Index Name
1	China All Shares IMI Ageing Society Opportunities
2	China All Shares IMI Digital Economy
3	China All Shares IMI Disruptive Technology
4	China All Shares IMI Efficient Energy
5	China All Shares IMI Future Mobility
6	China All Shares IMI Autonomous Technology & Industrial Innovation
7	China All Shares IMI Millennials
8	China All Shares IMI Next Generation Internet Innovation
9	China All Shares IMI Robotics
10	China All Shares IMI Smart Cities

2.1 Parent Index

Each index is constructed separately by selecting stocks from the MSCI China All Shares Investable Market Index (IMI) (the “Parent index”).

2.2 Combined Universe

All stocks from the MSCI China All Shares Investable Market Index (IMI), MSCI China A Onshore Investable Market Index (IMI) and MSCI ACWI Investable Market Index (IMI)² which satisfy the following criteria are selected in the combined universe.

² This universe is used in order to expand the pool of business segment and business description information.

2.3 Selected Universe

For each of the indexes described in table 1, a selected universe is constructed by applying all rules described under section 2 to section 2.7 of the corresponding standard thematic index methodology described in table 2.

Table 2

No.	Index Name	Standard Thematic Index Methodology ³
1	China All Shares IMI Ageing Society Opportunities	ACWI IMI Ageing Society Opportunities
2	China All Shares IMI Digital Economy	ACWI IMI Digital Economy
3	China All Shares IMI Disruptive Technology	ACWI IMI Disruptive Technology
4	China All Shares IMI Efficient Energy	ACWI IMI Efficient Energy
5	China All Shares IMI Future Mobility	ACWI IMI Future Mobility
6	China All Shares IMI Autonomous Technology & Industrial Innovation	ACWI IMI Autonomous Technology & Industrial Innovation
7	China All Shares IMI Millennials	ACWI IMI Millennials
8	China All Shares IMI Next Generation Internet Innovation	ACWI IMI Next Generation Internet Innovation
9	China All Shares IMI Robotics	ACWI IMI Robotics
10	China All Shares IMI Smart Cities	ACWI IMI Smart Cities

Stocks which are not included in the Parent Index (as described in section 2.1) are excluded from the Selected Universe.

Stocks which do not pass the liquidity screen as described below are also excluded from the Selected Universe.

2.3.1 Liquidity Screening

Securities in the bottom quintile of the Parent Index by 3-month average daily trading value (3M ADTV) are excluded from the selected universe. For the calculation of ADTV, please refer to Appendix 1.

³ For more details, please refer to the standard index methodology document (Available on <https://www.msci.com/index-methodology>)

2.4 Final Universe

Final Universe is constructed from the securities of the Selected Universe, which pass the Size Screen as described below.

2.4.1 Size Screen

Securities from the selected universe which are in the bottom half by issuer market capitalization should have a relevance score greater than or equal to 50%.

2.5 Weighting scheme

Stocks in the Final Universe are weighted by the product of relevance score and their free float adjusted market capitalization, which is calculated based on the Foreign Inclusion Factor (FIF) and subject to Foreign Ownership Limits (FOLs)⁴. The weights are then normalized to sum to 100%.

Additionally, constituent weights are capped at the issuer level to mitigate concentration risk in the index. The issuer weight in the index is capped at 10%.

3 Maintaining the Indexes

Each thematic index described in table 1, follows the index maintenance rules described in section 3 of the corresponding standard thematic index methodology.

⁴ For details please refer to the China All Shares Indexes Methodology (Available on <https://www.msci.com/index-methodology>)

Appendix 1: Calculation of 3-Month Average Daily Traded Value (ADTV)

$$ADTV = ATV / 252$$

Where:

- ADTV = 3-month Average Daily Traded Value
- ATV = 3-month Annualized Traded Value

For details on the calculation of ATV, please refer to the MSCI Global Investable Market Indexes Methodology (<https://www.msci.com/index-methodology>).



The following sections have been modified since January 2022:

- Introduction

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