

# MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index

**June 2019** 



Contents	1 Introduction	3
	2 MSCI ESG Research	4
	2.1 MSCI ESG Business Involvement Screening Research	4
	3 Constructing the MSCI World ex Tobacco ex Cluster	
	Munition ex AIA Select Factor Mix Index	5
	3.1 Defining the Eligibile Universe	5
	3.1.1 ESG Exclusions	5
	3.1.2 GICS Exclusion	5
	3.1.3 Security Exclusion	5
	3.2 Creating the Component Indexes	6
	3.2.1 Component 1: MSCI World Custom ESG Momentum Index	6
	3.2.2 Component 2: MSCI World Custom ESG Quality Index	6
	3.2.3 Component 3: MSCI World Custom ESG Minimum Volatility	
	(USD) Index	6
	3.3 Weighting the Component Indexes	6
	4 Maintaining the MSCI World ex Tobacco ex Cluster	
	Munition ex AIA Select Factor Mix Index	7
	4.1 Semi-Annual Index Reviews	7
	4.2 Ongoing Event Related Changes	7
	Appendix 1: ESG Exclusion Criteria	



## 1 Introduction

The MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index is a combination of three indexes designed to represent the performance of long-term risk factors such as Momentum, Quality and Low Volatility. The index additionally excludes a selection of securities as defined by AIA Singapore Private Limited as well as companies belonging to the Tobacco GICS Industry and those having ties to cluster munition.



### 2 MSCI ESG Research

MSCI ESG Research provides in-depth research, ratings and analysis of the environmental, social and governance-related business practices of thousands of companies worldwide. It consists of an integrated suite of tools and products to efficiently manage research, analysis and compliance tasks across the spectrum of ESG factors.

The Index uses company ratings and research provided by MSCI ESG Research. In particular, this index uses the following MSCI ESG Research product: MSCI ESG Business Involvement Screening Research.

For details on MSCI ESG Research's full suite of ESG products, please refer to: <a href="https://www.msci.com/esg-integration">https://www.msci.com/esg-integration</a>

### 2.1 MSCI ESG BUSINESS INVOLVEMENT SCREENING RESEARCH

MSCI ESG Business Involvement Screening Research (BISR) aims to enable institutional investors to manage environmental, social and governance (ESG) standards and restrictions reliably and efficiently.

For more details on MSCI ESG Business Involvement Screening Research, please refer to <a href="http://www.msci.com/resources/factsheets/MSCI\_ESG\_BISR.pdf">http://www.msci.com/resources/factsheets/MSCI\_ESG\_BISR.pdf</a>



# 3 Constructing the MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index

The MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index is constructed using the following steps:

- Defining the Eligible Universe
- Creating the Component Indexes
- Weighting the Component Indexes

These steps are defined in further detail in the subsequent sections:

### 3.1 DEFINING THE ELIGIBILE UNIVERSE

The eligible universe for MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index includes all the constituents of the MSCI World Index (the 'Parent Index') excluding securities based on the following criteria:

#### 3.1.1 ESG EXCLUSIONS

The MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index uses MSCI ESG Business Involvement Screening Research to identify companies that have ties with cluster munitions. Companies that meet the business involvement exclusion criteria are excluded from the eligible universe.

Please refer to Appendix 1 for details on this criterion.

### 3.1.2 TOBACCO EXCLUSION

All securities classified in the Tobacco Industry based on the Global Industry Classification Standard (GICS®)¹ are ineligible for inclusion in the eligible universe.

### 3.1.3 SECURITY EXCLUSION

AIA Group (MSCI Security Code: 67619.01) and AIA Insurance Lanka (MSCI Security Code: 98220.01), are ineligible for inclusion in the eligible universe.

<sup>&</sup>lt;sup>1</sup> GICS, the global industry classification standard jointly developed by MSCI Inc. and S&P Global.



### 3.2 CREATING THE COMPONENT INDEXES

The MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index is constructed using a combination of the following three Factor Indexes:

### 3.2.1 COMPONENT 1: MSCI WORLD CUSTOM ESG MOMENTUM INDEX

The MSCI World Custom ESG Momentum Index is constructed and maintained by applying the MSCI Momentum Indexes Methodology to the eligible universe.

This Index is computed using a variant of the MSCI Momentum Indexes methodology<sup>2</sup> that does not incorporate a provision for conditional rebalancing.

### 3.2.2 COMPONENT 2: MSCI WORLD CUSTOM ESG QUALITY INDEX

The MSCI World Custom ESG Quality Index is constructed and maintained by applying the MSCI Quality Indexes Methodology<sup>3</sup> to the eligible universe.

### 3.2.3 COMPONENT 3: MSCI WORLD CUSTOM ESG MINIMUM VOLATILITY (USD) INDEX

The MSCI World Custom ESG Minimum Volatility (USD) Index is constructed and maintained by applying the MSCI Minimum Volatility Indexes Methodology<sup>4</sup> to the eligible universe. The optimization currency used is USD.

### 3.3 WEIGHTING THE COMPONENT INDEXES

All constituents of each component are included in the MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index.

Each component index, is attributed an equal weight at initial construction and each subsequent Index Review.

 $<sup>^2\,\</sup>text{For details, refer to the MSCI Momentum Indexes Methodology at}\,\underline{\text{www.msci.com/index-methodology}}.$ 

<sup>&</sup>lt;sup>3</sup> For details, refer to the MSCI Quality Indexes Methodology at <u>www.msci.com/index-methodology</u>.

 $<sup>^4</sup>$  For details, refer to the MSCI Minimum Volatility Indexes Methodology at  $\underline{www.msci.com/index-methodology}$ .



# 4 Maintaining the MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index

### 4.1 SEMI-ANNUAL INDEX REVIEWS

The MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index is reviewed on a semi-annual basis to coincide with the regular Semi-Annual Index Reviews of the MSCI Global Investable Market Indexes. The changes are implemented as of the close of the last business day of May and November.

In general, MSCI uses MSCI ESG Research data (including MSCI Business Involvement Screening Research) as of the end of the month preceding the Index Reviews for the rebalancing of the MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index.

The pro forma Index is in general announced nine business days before the effective date.

### 4.2 ONGOING EVENT RELATED CHANGES

The general treatment of corporate events in the MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index aims to minimize turnover outside of Index Reviews. The methodology aims to appropriately represent an investor's participation in an event based on relevant deal terms and pre-event weighting of the index constituents that are involved. Further, changes in index market capitalization that occur as a result of corporate event implementation will be offset by a corresponding change in the Variable Weighting Factor (VWF) of the constituent.

Additionally, if the frequency of Index Reviews in the Parent Index is greater than the frequency of Index Reviews in the MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index, the changes made to the Parent Index during intermediate Index Reviews will be neutralized in the MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index.

The following section briefly describes the treatment of common corporate events within the MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index.

No new securities will be added (except where noted below) to the Index between Index Reviews. Parent Index deletions will be reflected simultaneously.



### **EVENT TYPE**

### **EVENT DETAILS**

New additions to the Parent Index

A new security added to the parent index (such as IPO and other early inclusions) will not be added to the

index.

Spin-Offs All securities created as a result of the

spin-off of an existing Index

constituent will not be added to the

Index at the time of event

implementation. Reevaluation for inclusion in the Index will occur at the

subsequent Index Review.

Merger/Acquisition

For Mergers and Acquisitions, the acquirer's post event weight will account for the proportionate amount of shares involved in deal consideration, while cash proceeds will be invested across the Index.

If an existing Index constituent is acquired by a non-Index constituent, the existing constituent will be deleted from the Index and the acquiring non-constituent will not be added to the Index.

muez

**Changes in Security Characteristics** 

A security will continue to be an Index constituent if there are changes in characteristics (country, sector, size segment, etc.) Reevaluation for continued inclusion in the Index will occur at the subsequent Index Review.



Further detail and illustration regarding specific treatment of corporate events relevant to this Index can be found in the MSCI Corporate Events Methodology book under the sections detailing the treatment of events in Capped Weighted and Non-Market Capitalization Weighted indexes.

The MSCI Corporate Events methodology book is available at:

https://www.msci.com/index-methodology



# **Appendix 1: ESG Exclusion Criteria**

Companies which meet the following criteria are excluded from the MSCI World ex Tobacco ex Cluster Munition ex AIA Select Factor Mix Index:

### **Cluster Munition**

 All companies that are involved in the production of cluster bombs and munitions, or the essential components of these products



### **Contact us**

### **AMERICAS**

clientservice@msci.com

Americas	1 888 588 4567 *
Atlanta	+ 1 404 551 3212
Boston	+ 1 617 532 0920
Chicago	+ 1 312 675 0545
Monterrey	+ 52 81 1253 4020
New York	+ 1 212 804 3901
San Francisco	+ 1 415 836 8800
São Paulo	+ 55 11 3706 1360
Toronto	+ 1 416 628 1007

### **EUROPE, MIDDLE EAST & AFRICA**

Cape Town	+ 27 21 673 0100
Frankfurt	+ 49 69 133 859 00
Geneva	+ 41 22 817 9777
London	+ 44 20 7618 2222
Milan	+ 39 02 5849 0415
Paris	0800 91 59 17 *

### **ASIA PACIFIC**

China North	10800 852 1032 *
China South	10800 152 1032 *
Hong Kong	+ 852 2844 9333
Mumbai	+ 91 22 6784 9160
Seoul	00798 8521 3392 *
Singapore	800 852 3749 *
Sydney	+ 61 2 9033 9333
Taipei	008 0112 7513 *
Thailand	0018 0015 6207 7181 *
Tokvo	+ 81 3 5290 1555

<sup>\* =</sup> toll free

### **ABOUT MSCI**

MSCI is a leader provider of critical decision support tools and services for the global investment community. With over 45 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process.

To learn more, please visit www.msci.com.



### Notice and disclaimer

This document and all of the information contained in it, including without limitation all text, data, graphs, charts (collectively, the "Information") is the property of MSCI Inc. or its subsidiaries (collectively, "MSCI"), or MSCI's licensors, direct or indirect suppliers or any third party involved in making or compiling any Information (collectively, with MSCI, the "Information Providers") and is provided for informational purposes only. The Information may not be modified, reverse-engineered, reproduced or redisseminated in whole or in part without prior written permission from MSCI

The Information may not be used to create derivative works or to verify or correct other data or information. For example (but without limitation), the Information may not be used to create indexes, databases, risk models, analytics, software, or in connection with the issuing, offering, sponsoring, managing or marketing of any securities, portfolios, financial products or other investment vehicles utilizing or based on, linked to, tracking or otherwise derived from the Information or any other MSCI data, information, products or services.

The user of the Information assumes the entire risk of any use it may make or permit to be made of the Information. NONE OF THE INFORMATION PROVIDERS MAKES ANY EXPRESS OR IMPLIED WARRANTIES OR REPRESENTATIONS WITH RESPECT TO THE INFORMATION (OR THE RESULTS TO BE OBTAINED BY THE USE THEREOF), AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, EACH INFORMATION PROVIDER EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF ORIGINALITY, ACCURACY, TIMELINESS, NON-INFRINGEMENT, COMPLETENESS, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) WITH RESPECT TO ANY OF THE INFORMATION

Without limiting any of the foregoing and to the maximum extent permitted by applicable law, in no event shall any Information Provider have any liability regarding any of the Information for any direct, indirect, special, punitive, consequential (including lost profits) or any other damages even if notified of the possibility of such damages. The foregoing shall not exclude or limit any liability that may not by applicable law be excluded or limited, including without limitation (as applicable), any liability for death or personal injury to the extent that such injury results from the negligence or willful default of itself, its servants, agents or sub-contractors.

Information containing any historical information, data or analysis should not be taken as an indication or guarantee of any future performance, analysis, forecast or prediction. Past performance does not guarantee future results.

The Information should not be relied on and is not a substitute for the skill, judgment and experience of the user, its management, employees, advisors and/or clients when making investment and other business decisions. All Information is impersonal and not tailored to the needs of any person, entity or group of persons.

None of the Information constitutes an offer to sell (or a solicitation of an offer to buy), any security, financial product or other investment vehicle or any trading strategy.

It is not possible to invest directly in an index. Exposure to an asset class or trading strategy or other category represented by an index is only available through third party investable instruments (if any) based on that index. MSCI does not issue, sponsor, endorse, market, offer, review or otherwise express any opinion regarding any fund, ETF, derivative or other security, investment, financial product or trading strategy that is based on, linked to or seeks to provide an investment return related to the performance of any MSCI index (collectively, "Index Linked Investments"). MSCI makes no assurance that any Index Linked Investment will accurately track index performance or provide positive investment returns. MSCI lnc. is not an investment adviser or fiduciary and MSCI makes no representation regarding the advisability of investing in any Index Linked Investments.

Index returns do not represent the results of actual trading of investible assets/securities. MSCI maintains and calculates indexes, but does not manage actual assets. Index returns do not reflect payment of any sales charges or fees an investor may pay to purchase the securities underlying the index or Index Linked Investments. The imposition of these fees and charges would cause the performance of an Index Linked Investment to be different than the MSCI index performance.

The Information may contain back tested data. Back-tested performance is not actual performance, but is hypothetical. There are frequently material differences between back tested performance results and actual results subsequently achieved by any investment strategy.

Constituents of MSCI equity indexes are listed companies, which are included in or excluded from the indexes according to the application of the relevant index methodologies. Accordingly, constituents in MSCI equity indexes may include MSCI Inc., clients of MSCI or suppliers to MSCI. Inclusion of a security within an MSCI index is not a recommendation by MSCI to buy, sell, or hold such security, nor is it considered to be investment advice.

Data and information produced by various affiliates of MSCI Inc., including MSCI ESG Research LLC and Barra LLC, may be used in calculating certain MSCI indexes. More information can be found in the relevant index methodologies on www.msci.com.

MSCI receives compensation in connection with licensing its indexes to third parties. MSCI Inc.'s revenue includes fees based on assets in Index Linked Investments. Information can be found in MSCI Inc.'s company filings on the Investor Relations section of www.msci.com.

MSCI ESG Research LLC is a Registered Investment Adviser under the Investment Advisers Act of 1940 and a subsidiary of MSCI Inc. Except with respect to any applicable products or services from MSCI ESG Research, neither MSCI nor any of its products or services recommends, endorses, approves or otherwise expresses any opinion regarding any issuer, securities, financial products or instruments or trading strategies and MSCI's products or services are not 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. Issuers mentioned or included in any MSCI ESG Research materials may include MSCI Inc., clients of MSCI or suppliers to MSCI, and may also purchase research or other products or services from MSCI ESG Research. MSCI ESG Research materials, including materials utilized in any MSCI ESG Indexes or other products, have not been submitted to, nor received approval from, the United States Securities and Exchange Commission or any other regulatory body.

Any use of or access to products, services or information of MSCI requires a license from MSCI. MSCI, Barra, RiskMetrics, IPD and other MSCI brands and product names are the trademarks, service marks, or registered trademarks of MSCI or its subsidiaries in the United States and other jurisdictions. The Global Industry Classification Standard (GICS) was developed by and is the exclusive property of MSCI and Standard & Poor's. "Global Industry Classification Standard (GICS)" is a service mark of MSCI and Standard & Poor's.

MIFID2/MIFIR notice: MSCI ESG Research LLC does not distribute or act as an intermediary for financial instruments or structured deposits, nor does it deal on its own account, provide execution services for others or manage client accounts. No MSCI ESG Research product or service supports, promotes or is intended to support or promote any such activity. MSCI ESG Research is an independent provider of ESG data, reports and ratings based on published methodologies and available to clients on a subscription basis. We do not provide custom or one-off ratings or recommendations of securities or other financial instruments upon request.

Privacy notice: For information about how MSCI ESG Research LLC collects and uses personal data concerning officers and directors, please refer to our Privacy Notice at https://www.msci.com/privacy-pledge.