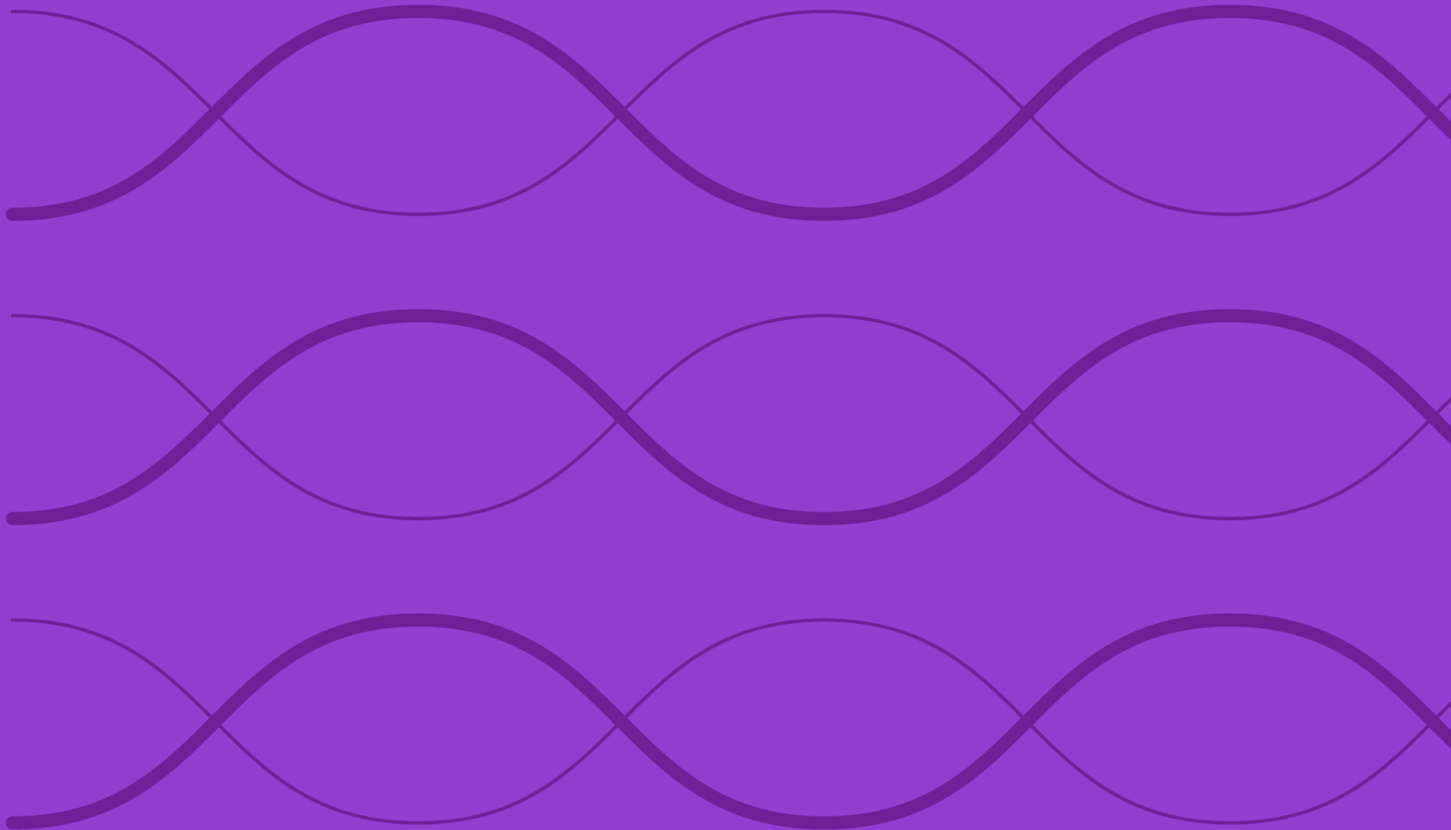


# Construction Rules for the Morningstar Global Sector Indexes



|                                                            |           |
|------------------------------------------------------------|-----------|
| <b>Overview</b>                                            | <b>3</b>  |
| <b>Index Construction</b>                                  | <b>4</b>  |
| Methodology Summary                                        | 4         |
| Starting Universe                                          | 4         |
| Eligibility                                                | 4         |
| Portfolio Construction                                     | 5         |
| <b>Index Maintenance and Calculation</b>                   | <b>6</b>  |
| Scheduled Maintenance                                      | 6         |
| Corporate Actions                                          | 6         |
| Index Calculation and Price Data                           | 6         |
| <b>Methodology Review and Index Decommissioning Policy</b> | <b>7</b>  |
| <b>Data Correction and Precision</b>                       | <b>8</b>  |
| Intraday Index Data Corrections                            | 8         |
| Index-Related Data and Divisor Corrections                 | 8         |
| <b>Exceptions</b>                                          | <b>8</b>  |
| <b>Appendixes</b>                                          | <b>9</b>  |
| Appendix 1: Modifications to the Rulebook                  | 9         |
| Appendix 2: Glossary                                       | 9         |
| Appendix 3: Morningstar Super Sector Indexes               | 9         |
| Appendix 4: Morningstar Sector Indexes                     | 10        |
| Appendix 5: Morningstar Industry Group Indexes             | 13        |
| Appendix 6: Morningstar Industry Indexes                   | 16        |
| <b>About Morningstar Indexes</b>                           | <b>24</b> |

## Overview

The Morningstar Global Sector Indexes are designed to facilitate accurate performance benchmarking and efficient portfolio construction across 11 sectors and 145 industries as defined by the Morningstar Global Equity Classification Structure (GECS), a single, unified sector classification scheme which categorizes companies based on their primary lines of business. These indexes are derived from the Morningstar Global Market Index, which covers stocks representing the top 97% of the investable market.

Morningstar GECS is an exhaustive and mutually exclusive taxonomy. At the foundation of the framework are 145 industry classifications, which then map to 55 industry groups. These industry groupings are bucketed into 11 sectors, each of which falls into one of three super sectors. 3 Super Sectors 11 Sectors 55 Industry Groups 145 Industries Each equity security is mapped to the industry that best reflects its largest source of revenue and income, based on public filings and Morningstar equity analyst input. Morningstar also considers business descriptions, assets, and competitors when revenue does not paint a clear picture. Industry assignments are reviewed annually or whenever there is a major corporate action.

The indexes do not incorporate Environmental, Social, or Governance (ESG) criteria.

## Index Inception and Performance Start Date

The index inception dates and performance start dates, when the first back-tested index values were calculated, are listed in Appendix 3, 4, 5 & 6.

## Index Construction

### Methodology Summary

#### Starting universe

- Appropriate regional benchmark from the Morningstar Global Markets Indexes.
- Includes stocks representing the top 97% of the investable market

#### Eligibility

- The Morningstar equity data team maps each company to the industry that best reflects its largest source of revenue and income
- Stocks must have a GECS industry assignment to qualify for inclusion

#### Portfolio construction

- All eligible stocks with an industry or sector classification corresponding to the exposure targeted by each index are selected
- The indexes are weighted by float market capitalization

Morningstar Global  
Sector Indexes

### Starting Universe

At each reconstitution, securities for the Morningstar Global Sector Indexes are derived from the Morningstar Global Markets Index (benchmark). For more details on benchmark construction, refer to the [Construction Rules for the Morningstar Global Market Index](#).

### Eligibility

Stocks in the starting universe are assigned to one of the 145 industries, which are rolled up to one of 11 sectors. Each sector is further grouped into one of three super sectors:

- Cyclical Super Sector
  - Basic materials
  - Consumer cyclical
  - Financial services
  - Real estate
- Defensive Super Sector
  - Consumer defensive
  - Healthcare
  - Utilities
- Sensitive Super Sector
  - Communication services
  - Energy
  - Industrials
  - Technology

With this classification system, indexes can be built at the industry, industry group, sector, or super sector level. The industry indexes are listed in Appendix 4. For more details regarding sectors and super sectors, please refer to the [Morningstar Global Equity Classification Structure rulebook](#).

## **Portfolio Construction**

All stocks under the relevant sector or industry are targeted for inclusion.

### *Number of Stocks*

The number of stocks in the index is variable, subject to the selection and eligibility criteria at the time of reconstitution.

### *Index Weighting*

These indexes are float market capitalization weighted. For more details, refer to the [Morningstar Indexes Calculation Methodology rulebook](#). The capped indexes in this family either apply a 20% cap or 5/20/50 capping. Indexes with a 20% cap, apply a 20% constituent level weighting cap. Indexes with 5/20/50 capping limit the top constituent weighting to 20% and the weightings of constituents over 5% may not sum to more than 50%. These constraints are applied at each rebalancing. Capping methodologies are outlined in Appendix 3, 4, 5, & 6.

In the event of a breach of this cap, securities above the cap are downweighted to bring the portfolio into compliance. The excess weight from these capped stocks is redistributed across the portfolio in a manner designed to preserve the relative exposure of the pre-capped weights for as many securities as possible. This may result in some securities that initial breached the cap receiving a lower weight than the cap.

## Index Maintenance and Calculation

### Scheduled Maintenance

The index is reconstituted, where the membership is reset, semi-annually on the third Friday of June and December. Adjustments are implemented after Friday's market close and reflected the following Monday. The market data used for reconstitution is as of the last trading day of April and October.

The index is rebalanced quarterly on the third Friday of March, June, September, and December. Adjustments are implemented after Friday's market close and reflected the following Monday. The market data used for rebalancing is as of the last trading day of February, May, August, and November.

Refer to Appendix 2 for details on reconstitution and rebalancing.

Index files are published according to the global calendar schedule, meaning index files will be published every day from Monday to Friday throughout the year, even on local market holidays.

### Corporate Actions

The treatment of corporate actions will be as per the float market capitalization weighted indexes. For more details, please refer to the "Treatment for float market capitalization indexes" section in the [Morningstar Indexes Corporate Actions Methodology rulebook](#)

### Index Calculation and Price Data

Details about index calculations and price data can be found in their respective rulebooks: [Morningstar Indexes Calculation Methodology](#) and [Equity Closing Prices Used for Index Calculation](#).

## Methodology Review and Index Decommissioning Policy

The index methodology is continually reviewed to ensure it achieves all stated objectives. These reviews consider corporate action treatment, selection, and maintenance procedures. Subscribers to the index will be notified before any methodology changes are made. For more details, refer to the [Morningstar Index Methodology Change Policy](#).

Morningstar Indexes notifies all subscribers and stakeholders of the index that circumstances might arise that require a material change to, or a possible cessation of, the index. These circumstances are generally not within Morningstar's control and may include significant changes to the underlying market structure, inadequate access to necessary data, geo-political events, and regulatory changes. In addition, factors such as low usage or methodology convergence may result in the cessation of an index.

Because the cessation of the index or benchmark index could disrupt subscriber products that reference this index, all subscribers are encouraged to have robust fallback procedures if an index is terminated. For more details, refer to the [Morningstar Index Decommissioning Policy](#).

## Data Correction and Precision

### Intraday Index Data Corrections

Commercially reasonable efforts are made to ensure the accuracy of data used in real-time index calculations. If incorrect price or corporate action data affects index calculations, corrections are applied prospectively.

### Index-Related Data and Divisor Corrections

Incorrect pricing and corporate action data for individual issues in the database will be corrected upon detection. In addition, an incorrect divisor of an index, if discovered if discovered within two days of its occurrence will be fixed retroactively on the day it is discovered to prevent an error from being carried forward. Commercially reasonable efforts are made to correct an older error subject to its significance and feasibility.

For more details, refer to the [Recalculation Guidelines](#).

### Exceptions

While Morningstar will seek to apply the methodology as described within this document, the market environment, supervisory, legal, financial, or tax reasons may require an alternative approach to be adopted. A decision to take an alternative approach will be made by the Morningstar Index Methodology Committee, and in all instances, the application of a nonstandard process will be reported to the Morningstar Index Oversight Committee.

## Appendixes

### Appendix 1: Modifications to the Rulebook

| Section                         | Description of Change                                                                                                                                                             | Update Date   |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Entire Rulebook                 | Rulebook updated to new version.                                                                                                                                                  | February 2023 |
| Appendix 4                      | Added additional indexes.                                                                                                                                                         | June 2023     |
| Weighting                       | Added description of the capping methodology                                                                                                                                      | June 2023     |
| Index Maintenance & Calculation | Updated calendar to global for US sector indexes                                                                                                                                  | February 2024 |
| Data Correction & Precision     | Computational and Reporting Precision removed                                                                                                                                     | November 2024 |
| Appendix 4                      | Updated the table to reflect that no constituent-level weighting caps are applied for several US sector indexes from September 19, 2025, on.                                      | April 2026    |
| Appendix 4                      | Updated the index names of Morningstar US Communication Services Sector Capped Index and Morningstar US Energy Sector Index, removing the word “sector” from their previous names | May 2026      |

### Appendix 2: Glossary

| Terms          | Description                                                                                                                     |
|----------------|---------------------------------------------------------------------------------------------------------------------------------|
| Reconstitution | During each reconstitution, the steps mentioned in the index construction process are performed, resulting in membership reset. |
| Rebalance      | During each rebalance, the weights are adjusted for updated free-float and shares outstanding data.                             |

### Appendix 3: Morningstar Super Sector Indexes

| Index                                                        | Performance Start Date | Inception Date | Security Capping Methodology |
|--------------------------------------------------------------|------------------------|----------------|------------------------------|
| Morningstar US Cyclical Super Sector Index                   | 1991-12-31             | 2010-12-20     | 5/20/50                      |
| Morningstar US Defensive Super Sector Index                  | 1991-12-31             | 2010-12-20     | 5/20/50                      |
| Morningstar US Sensitive Super Sector Index                  | 1991-12-31             | 2010-12-20     | 5/20/50                      |
| Morningstar Global Cyclical Sectors Index                    | 1998-06-30             | 2024-12-17     | No capping applied           |
| Morningstar Global Defensive Sectors Index                   | 1998-06-30             | 2024-12-17     | No capping applied           |
| Morningstar Global Sensitive Sectors Index                   | 1998-06-30             | 2024-12-17     | No capping applied           |
| Morningstar North America Cyclical Sectors Index             | 1998-06-30             | 2024-12-17     | No capping applied           |
| Morningstar North America Defensive Sectors Index            | 1998-06-30             | 2024-12-17     | No capping applied           |
| Morningstar North America Sensitive Sectors Index            | 1998-06-30             | 2024-12-17     | No capping applied           |
| Morningstar Developed Markets Europe Cyclical Sectors Index  | 1998-06-30             | 2024-12-17     | No capping applied           |
| Morningstar Developed Markets Europe Defensive Sectors Index | 1998-06-30             | 2024-12-17     | No capping applied           |

|                                                                    |            |            |                    |
|--------------------------------------------------------------------|------------|------------|--------------------|
| Morningstar Developed Markets Europe Sensitive Sectors Index       | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar Developed Markets Asia Pacific Cyclical Sectors Index  | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar Developed Markets Asia Pacific Defensive Sectors Index | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar Developed Markets Asia Pacific Sensitive Sectors Index | 1998-06-30 | 2024-12-17 | No capping applied |

## Appendix 4: Morningstar Sector Indexes

| Index                                                             | Performance<br>Start Date | Inception Date | Capping<br>Methodology |
|-------------------------------------------------------------------|---------------------------|----------------|------------------------|
| Morningstar Asia Basic Materials Index                            | 1998-06-30                | 2019-11-11     | No capping applied     |
| Morningstar Asia Communication Services Index                     | 1998-06-30                | 2019-11-11     | No capping applied     |
| Morningstar Asia Consumer Cyclical Index                          | 1998-06-30                | 2019-11-11     | No capping applied     |
| Morningstar Asia Consumer Defensive Index                         | 1998-06-30                | 2019-11-11     | No capping applied     |
| Morningstar Asia Energy Index                                     | 1998-06-30                | 2019-11-12     | No capping applied     |
| Morningstar Asia Financial Services Index                         | 1998-06-30                | 2019-11-12     | No capping applied     |
| Morningstar Asia Healthcare Index                                 | 1998-06-30                | 2019-11-12     | No capping applied     |
| Morningstar Asia Industrials Index                                | 1998-06-30                | 2019-11-12     | No capping applied     |
| Morningstar Asia Pacific Basic Materials Index                    | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Asia Pacific Communication Services Index             | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Asia Pacific Consumer Cyclical Index                  | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Asia Pacific Consumer Defensive Index                 | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Asia Pacific Energy Index                             | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Asia Pacific Financial Services Index                 | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Asia Pacific Healthcare Index                         | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Asia Pacific Industrials Index                        | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Asia Pacific Real Estate Index                        | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Asia Pacific Technology Index                         | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Asia Pacific Utilities Index                          | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Asia Real Estate Index                                | 1998-06-30                | 2019-11-12     | No capping applied     |
| Morningstar Asia Technology Index                                 | 1998-06-30                | 2019-11-12     | No capping applied     |
| Morningstar Asia Utilities Index                                  | 1998-06-30                | 2019-11-12     | No capping applied     |
| Morningstar Canada Natural Resources Index                        | 1998-06-30                | 2015-03-23     | No capping applied     |
| Morningstar Developed Markets Asia Real Estate Index              | 1998-06-30                | 2017-06-28     | No capping applied     |
| Morningstar Developed Markets Basic Materials and Energy Index    | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Developed Markets Basic Materials Index               | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Developed Markets Communication Services Index        | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Developed Markets Consumer Cyclical Index             | 1998-06-30                | 2017-07-31     | No capping applied     |
| Morningstar Developed Markets Consumer Defensive Index            | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Developed Markets Energy Composite Index**            | 1998-06-30                | 2018-08-14     | No capping applied     |
| Morningstar Developed Markets Energy Index                        | 1998-06-30                | 2018-07-18     | No capping applied     |
| Morningstar Developed Markets Europe Basic Materials Index        | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Developed Markets Europe Communication Services Index | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Developed Markets Europe Consumer Cyclical Index      | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Developed Markets Europe Consumer Defensive Index     | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Developed Markets Europe Energy Index                 | 1998-06-30                | 2017-04-25     | No capping applied     |
| Morningstar Developed Markets Europe Financial Services Index     | 1998-06-30                | 2017-04-25     | No capping applied     |

|                                                                           |            |            |                    |
|---------------------------------------------------------------------------|------------|------------|--------------------|
| Morningstar Developed Markets Europe Healthcare Index                     | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Developed Markets Europe Industrials Index                    | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Developed Markets Europe Real Estate Index                    | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Developed Markets Europe Technology Index                     | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Developed Markets Europe Utilities Index                      | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Developed Markets Financial Services and Real Estate Index    | 1998-06-30 | 2017-07-31 | No capping applied |
| Morningstar Developed Markets Financial Services Index                    | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Developed Markets Healthcare Index                            | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Developed Markets Industrials Index                           | 1998-06-30 | 2018-07-18 | No capping applied |
| Morningstar Developed Markets Real Estate Index                           | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Developed Markets Technology and Communication Services Index | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Developed Markets Technology Index                            | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Developed Markets Utilities Index                             | 1998-06-30 | 2018-07-18 | No capping applied |
| Morningstar Emerging Markets Basic Materials Index                        | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Emerging Markets Communication Services Index                 | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Emerging Markets Consumer Cyclical Index                      | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Emerging Markets Consumer Defensive Index                     | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Emerging Markets Energy Index                                 | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Emerging Markets Financial Services Index                     | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Emerging Markets Healthcare Index                             | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Emerging Markets Industrials Index                            | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Emerging Markets Real Estate Index                            | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Emerging Markets Technology Index                             | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Emerging Markets Utilities Index                              | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Global Basic Material Index                                   | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Global Communication Services Index                           | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Global Consumer Cyclical Index                                | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Global Consumer Defensive Index                               | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Global Consumer Sectors Index*                                | 1998-06-30 | 2017-06-28 | No capping applied |
| Morningstar Global Energy Index                                           | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Global Financial Services and Real Estate Index               | 1998-06-30 | 2017-04-27 | No capping applied |
| Morningstar Global Financial Services Index                               | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Global Healthcare Index                                       | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Global Industrials Index                                      | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Global Markets Basic Materials and Energy Index               | 1998-06-30 | 2017-04-27 | No capping applied |
| Morningstar Global Real Estate Index                                      | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Global Technology and Communications Services Index           | 1998-06-30 | 2017-04-27 | No capping applied |
| Morningstar Global Technology Index                                       | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar Global Utilities Index                                        | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar New Zealand Real Estate Index                                 | 1998-06-30 | 2018-02-07 | No capping applied |
| Morningstar US Basic Materials and Energy Index                           | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar US Basic Materials Sector Index *                             | 1991-12-31 | 2010-12-20 | No capping applied |
| Morningstar US Communication Services Capped Index                        | 1991-12-31 | 2010-12-20 | 5/20/50            |

|                                                                         |            |            |                    |
|-------------------------------------------------------------------------|------------|------------|--------------------|
| Morningstar US Communication Services Index *                           | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar US Consumer Cyclical Sector Index *                         | 1991-12-31 | 2010-12-20 | No capping applied |
| Morningstar US Consumer Defensive Sector Index *                        | 1991-12-31 | 2010-12-20 | No capping applied |
| Morningstar US Energy Capped Index                                      | 1991-12-31 | 2010-12-20 | 5/20/50            |
| Morningstar US Energy Index                                             | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar US Financial Services and Real Estate Index                 | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar US Financial Services Sector Index *                        | 1991-12-31 | 2010-12-20 | No capping applied |
| Morningstar US Healthcare Sector Index *                                | 1991-12-31 | 2010-12-20 | No capping applied |
| Morningstar US Industrials Sector Index *                               | 1991-12-31 | 2010-12-20 | No capping applied |
| Morningstar US Real Estate Sector Index *                               | 1991-12-31 | 2010-12-20 | No capping applied |
| Morningstar US Technology and Communication Services Index              | 1998-06-30 | 2017-04-25 | No capping applied |
| Morningstar US Technology Sector Index *                                | 1991-12-31 | 2010-12-20 | No capping applied |
| Morningstar US Utilities Sector Index                                   | 1991-12-31 | 2010-12-20 | 5/20/50            |
| Morningstar UK Basic Materials Index                                    | 1998-06-30 | 2024-11-11 | No capping applied |
| Morningstar UK Financial Services Index                                 | 1998-06-30 | 2024-11-11 | No capping applied |
| Morningstar UK Consumer Cyclical Index                                  | 1998-06-30 | 2024-11-11 | No capping applied |
| Morningstar UK Healthcare Index                                         | 1998-06-30 | 2024-11-11 | No capping applied |
| Morningstar UK Real Estate Index                                        | 1998-06-30 | 2024-11-11 | No capping applied |
| Morningstar UK Utilities Index                                          | 1998-06-30 | 2024-11-11 | No capping applied |
| Morningstar UK Industrials Index                                        | 1998-06-30 | 2024-11-11 | No capping applied |
| Morningstar UK Energy Index                                             | 1998-06-30 | 2024-11-11 | No capping applied |
| Morningstar UK Technology Index                                         | 1998-06-30 | 2024-11-11 | No capping applied |
| Morningstar UK Communication Services Index                             | 1998-06-30 | 2024-11-11 | No capping applied |
| Morningstar UK Consumer Defensive Index                                 | 1998-06-30 | 2024-11-11 | No capping applied |
| Morningstar North America Utilities Index                               | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America Communication Services Index                  | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America Energy Index                                  | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America Financial Services Index                      | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America Consumer Cyclical Index                       | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America Technology Index                              | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America Real Estate Group 20% Capped                  | 2004-06-18 | 2024-12-16 | 20% Cap            |
| Morningstar North America Consumer Defensive Index                      | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America Industrials Index                             | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America Basic Materials Index                         | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America Healthcare Index                              | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar Developed Markets Asia Pacific Basic Materials Index        | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Asia Pacific Communication Services Index | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Asia Pacific Consumer Cyclical Index      | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Asia Pacific Consumer Defensive Index     | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Asia Pacific Energy Index                 | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Asia Pacific Financial Services Index     | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Asia Pacific Healthcare Index             | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Asia Pacific Industrials Index            | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Asia Pacific Real Estate Index            | 1998-06-30 | 2024-12-19 | No capping applied |

|                                                             |            |            |                    |
|-------------------------------------------------------------|------------|------------|--------------------|
| Morningstar Developed Markets Asia Pacific Technology Index | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Asia Pacific Utilities Index  | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar US Technology Uncapped Index                    | 1998-06-30 | 2025-08-20 | No capping applied |
| Morningstar US Consumer Cyclical Uncapped Index             | 1998-06-30 | 2025-08-20 | No capping applied |
| Morningstar US Industrials Uncapped Index                   | 1998-06-30 | 2025-08-20 | No capping applied |
| Morningstar US Healthcare Uncapped Index                    | 1998-06-30 | 2025-08-20 | No capping applied |
| Morningstar US Basic Materials Uncapped Index               | 1998-06-30 | 2025-08-20 | No capping applied |
| Morningstar US Consumer Defensive Uncapped Index            | 1998-06-30 | 2025-08-20 | No capping applied |

\* Prior to September 2025, these US sector indexes applied 5-20-50 constituent-level weighting caps. After the close of September 19, 2025, these caps were removed.

## Appendix 5: Morningstar Industry Group Indexes

| Index                                                        | Performance<br>Start Date | Inception Date | Capping<br>Methodology |
|--------------------------------------------------------------|---------------------------|----------------|------------------------|
| Morningstar Global Alcoholic Beverages Index                 | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Apparel & Accessories Manufacturing Index | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Banks Index                               | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Business Services Index                   | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Capital Markets Group Index               | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Chemicals Group Index                     | 1998-06-30                | 2025-01-27     | No capping applied     |
| Morningstar Global Construction Index                        | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Consumer Packaged Goods Index             | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Cyclical Retail Index                     | 1998-06-30                | 2025-01-27     | No capping applied     |
| Morningstar Global Defensive Retail Index                    | 1998-06-30                | 2025-01-27     | No capping applied     |
| Morningstar Global Diversified Financial Services Index      | 2020-12-18                | 2025-01-23     | No capping applied     |
| Morningstar Global Diversified Media Index                   | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Drug Manufacturers Index                  | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Forest Products Index                     | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Hardware Index                            | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Healthcare Providers & Services Index     | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Homebuilding & Construction Index         | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Industrial Products Index                 | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Insurance Index                           | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Interactive Media Index                   | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Medical Devices & Instruments Index       | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Metals & Mining Index                     | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Oil & Gas Index                           | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Other Energy Sources Index                | 2019-12-20                | 2025-01-23     | No capping applied     |
| Morningstar Global Real Estate Group Index                   | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global REITs Group Index                         | 1998-06-30                | 2025-01-23     | No capping applied     |
| Morningstar Global Semiconductors Group Index                | 1998-06-30                | 2025-01-27     | No capping applied     |
| Morningstar Global Software Index                            | 1998-06-30                | 2025-01-27     | No capping applied     |
| Morningstar Global Steel Group Index                         | 1998-06-30                | 2025-01-27     | No capping applied     |
| Morningstar Global Telecommunication Services Group Index    | 1998-06-30                | 2025-01-27     | No capping applied     |
| Morningstar Global Transportation Index                      | 1998-06-30                | 2025-01-27     | No capping applied     |
| Morningstar Global Travel & Leisure Index                    | 1998-06-30                | 2025-01-27     | No capping applied     |

|                                                                                          |            |            |                    |
|------------------------------------------------------------------------------------------|------------|------------|--------------------|
| Morningstar Global Utilities - Regulated Index                                           | 1998-06-30 | 2025-01-27 | No capping applied |
| Morningstar Global Vehicles & Parts Index                                                | 1998-06-30 | 2025-01-27 | No capping applied |
| Morningstar North America Capital Markets Group Index                                    | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America Chemicals Group Index                                          | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America Construction Index                                             | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America Drug Manufacturers Index                                       | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America Homebuilding & Construction Index                              | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar North America Insurance Index                                                | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America Medical Devices & Instruments Index                            | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America Metals & Mining Index                                          | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America Oil & Gas Index                                                | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America Telecommunication Services Group Index                         | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar North America Banks Index                                                    | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America Business Services Index                                        | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America REITs Index                                                    | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America Transportation Index                                           | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America Travel & Leisure Index                                         | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America Utilities - Regulated Index                                    | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America Consumer Packaged Goods Index                                  | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar North America Diversified Media 20% Capped                                   | 1998-06-30 | 2024-12-18 | 20% Cap            |
| Morningstar North America Hardware Capped Index                                          | 1998-06-30 | 2024-12-18 | 5/20/50            |
| Morningstar North America Healthcare Providers & Services 20% Capped Index               | 1998-06-30 | 2024-12-18 | 20% Cap            |
| Morningstar North America Industrial Products Capped Index                               | 1998-06-30 | 2024-12-18 | 5/20/50            |
| Morningstar North America Interactive Media 20% Capped Index                             | 1999-01-01 | 2025-02-03 | 20% Cap            |
| Morningstar North America Apparel & Accessories Manufacturing 20% Capped Index           | 1998-06-30 | 2024-12-17 | 20% Cap            |
| Morningstar North America Real Estate Group Index                                        | 1998-06-30 | 2025-02-03 | No capping applied |
| Morningstar North America Cyclical Retail Capped Index                                   | 1998-06-30 | 2024-12-18 | 5/20/50            |
| Morningstar North America Defensive Retail 20% Capped Index                              | 1998-06-30 | 2024-12-18 | 20% Cap            |
| Morningstar North America Semiconductors Group Capped Index                              | 1998-06-30 | 2024-12-18 | 5/20/50            |
| Morningstar North America Software Capped Index                                          | 1998-06-30 | 2024-12-17 | 5/20/50            |
| Morningstar North America Steel Group 20% Capped Index                                   | 2022-06-17 | 2025-02-03 | 20% Cap            |
| Morningstar North America Utilities - Independent Power Producers Group 20% Capped Index | 2008-06-20 | 2025-02-03 | 20% Cap            |
| Morningstar North America Vehicles & Parts 20% Capped Index                              | 1998-06-30 | 2024-12-17 | 20% Cap            |
| Morningstar Developed Markets Europe Chemicals Group Index                               | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar Developed Markets Europe Construction Index                                  | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar Developed Markets Europe Diversified Media Index                             | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar Developed Markets Europe Drug Manufacturers Index                            | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar Developed Markets Europe Hardware Index                                      | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar Developed Markets Europe Industrial Products Index                           | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar Developed Markets Europe Insurance Index                                     | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar Developed Markets Europe Medical Devices & Instruments Index                 | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar Developed Markets Europe Metals & Mining Index                               | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar Developed Markets Europe Oil & Gas Index                                     | 1998-06-30 | 2024-12-18 | No capping applied |

|                                                                                                     |            |            |                    |
|-----------------------------------------------------------------------------------------------------|------------|------------|--------------------|
| Morningstar Developed Markets Europe Real Estate Group Index                                        | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar Developed Markets Europe REITs Index                                                    | 1998-06-30 | 2024-12-18 | No capping applied |
| Morningstar Developed Markets Europe Banks Index                                                    | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar Developed Markets Europe Business Services Index                                        | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar Developed Markets Europe Defensive Retail Index                                         | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Europe Telecommunication Services Group Index                         | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Europe Travel & Leisure Index                                         | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Europe Utilities - Regulated Index                                    | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Europe Transportation Index                                           | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Europe Vehicles & Parts Index                                         | 1998-06-30 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Europe Capital Markets Group 20% Capped Index                         | 2001-06-15 | 2025-02-03 | 20% Cap            |
| Morningstar Developed Markets Europe Consumer Packaged Goods Capped Index                           | 1998-06-30 | 2024-12-16 | 5/20/50            |
| Morningstar Developed Markets Europe Forest Products 20% Capped Index                               | 1998-06-30 | 2024-12-16 | 20% Cap            |
| Morningstar Developed Markets Europe Healthcare Providers & Services 20% Capped Index               | 2014-12-19 | 2025-02-03 | 20% Cap            |
| Morningstar Developed Markets Europe Interactive Media 20% Capped Index                             | 2016-12-16 | 2025-02-03 | 20% Cap            |
| Morningstar Developed Markets Europe Cyclical Retail 20% Capped                                     | 1998-06-30 | 2024-12-18 | 20% Cap            |
| Morningstar Developed Markets Europe Semiconductors Group 20% Capped Index                          | 2005-06-17 | 2025-02-03 | 20% Cap            |
| Morningstar Developed Markets Europe Software 20% Capped Index                                      | 1998-06-30 | 2024-12-19 | 20% Cap            |
| Morningstar Developed Markets Europe Steel Group 20% Capped Index                                   | 1999-12-31 | 2025-02-03 | 20% Cap            |
| Morningstar Developed Markets Europe Utilities - Independent Power Producers Group 20% Capped Index | 2017-12-15 | 2025-02-03 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Business Services Capped Index                           | 1998-06-30 | 2025-03-05 | 5/20/50            |
| Morningstar Developed Markets Asia Pacific Insurance 20% Capped Index                               | 1998-06-30 | 2025-03-03 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Apparel & Accessories Manufacturing 20% Capped Index     | 1998-06-30 | 2025-03-03 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Semiconductors Group 20% Capped Index                    | 1998-06-30 | 2025-03-05 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Steel Group 20% Capped Index                             | 1998-06-30 | 2025-03-05 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Telecommunication Services Group 20% Capped Index        | 1998-06-30 | 2025-03-05 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Vehicles & Parts Capped Index                            | 1998-06-30 | 2025-03-03 | 5/20/50            |
| Morningstar Developed Markets Asia Pacific Metals & Mining Capped Index                             | 2003-12-19 | 2025-03-03 | 5/20/50            |
| Morningstar Developed Markets Asia Pacific Capital Markets Group Index                              | 2005-06-17 | 2025-03-05 | No capping applied |
| Morningstar Developed Markets Asia Pacific Drug Manufacturers                                       | 2005-12-16 | 2025-03-05 | No capping applied |
| Morningstar Developed Markets Asia Pacific Healthcare Providers & Services Index                    | 2012-12-21 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Medical Devices & Instruments Index                      | 2001-06-15 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific REITs Index                                              | 2002-12-20 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Defensive Retail Index                                   | 2001-06-15 | 2025-03-05 | No capping applied |

|                                                                                                |            |            |                    |
|------------------------------------------------------------------------------------------------|------------|------------|--------------------|
| Morningstar Developed Markets Asia Pacific Utilities - Independent Power Producers Group Index | 2017-12-15 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Oil & Gas Index                                     | 1998-06-30 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific Travel & Leisure Index                              | 1998-06-30 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific Transportation Index                                | 1998-06-30 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific Cyclical Retail Index                               | 1998-06-30 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific Software Index                                      | 1998-06-30 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific Utilities - Regulated Index                         | 1998-06-30 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific Real Estate Group Index                             | 1998-06-30 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific Diversified Media Index                             | 1998-06-30 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific Consumer Packaged Goods Index                       | 1998-06-30 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific Banks Index                                         | 1998-06-30 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific Industrial Products Index                           | 1998-06-30 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific Hardware Index                                      | 1998-06-30 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific Chemicals Group Index                               | 1998-06-30 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific Construction Index                                  | 1998-06-30 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific Interactive Media 20% Capped Index                  | 2003-12-19 | 2025-04-04 | 20% Cap            |

## Appendix 6: Morningstar Industry Indexes

| Index                                                          | Performance<br>Start Date | Inception Date | Capping<br>Methodology |
|----------------------------------------------------------------|---------------------------|----------------|------------------------|
| Morningstar Global Advertising Agencies Index                  | 1998-06-30                | 2018-10-12     | No capping applied     |
| Morningstar Global Aerospace and Defense Index                 | 1998-06-30                | 2018-10-16     | No capping applied     |
| Morningstar Global Agricultural Inputs Index                   | 1998-06-30                | 2018-10-16     | No capping applied     |
| Morningstar Global Airlines Index                              | 1998-06-30                | 2018-10-16     | No capping applied     |
| Morningstar Global Airports and Air Services Index             | 1998-06-30                | 2018-10-16     | No capping applied     |
| Morningstar Global Aluminum Index                              | 1998-06-30                | 2018-10-16     | No capping applied     |
| Morningstar Global Apparel Manufacturing Index                 | 1998-06-30                | 2018-10-16     | No capping applied     |
| Morningstar Global Apparel Stores Index                        | 1998-06-30                | 2018-10-16     | No capping applied     |
| Morningstar Global Asset Management Index                      | 1998-06-30                | 2018-10-16     | No capping applied     |
| Morningstar Global Auto and Truck Dealerships Index            | 1998-06-30                | 2018-10-16     | No capping applied     |
| Morningstar Global Auto Manufacturers Index                    | 1998-06-30                | 2018-10-16     | No capping applied     |
| Morningstar Global Auto Parts Index                            | 1998-06-30                | 2018-10-16     | No capping applied     |
| Morningstar Global Banks - Global Index                        | 1998-06-30                | 2018-10-17     | No capping applied     |
| Morningstar Global Banks-Regional Index                        | 1998-06-30                | 2020-07-16     | No capping applied     |
| Morningstar Global Beverages - Brewers Index                   | 1998-06-30                | 2018-10-17     | No capping applied     |
| Morningstar Global Beverages - Soft Drinks Index               | 1998-06-30                | 2018-10-17     | No capping applied     |
| Morningstar Global Beverages - Wineries and Distilleries Index | 1998-06-30                | 2018-10-17     | No capping applied     |
| Morningstar Global Biotechnology Index                         | 1998-06-30                | 2018-10-17     | No capping applied     |
| Morningstar Global Broadcasting Index                          | 1998-06-30                | 2020-07-16     | No capping applied     |
| Morningstar Global Building Materials Index                    | 1998-06-30                | 2018-10-22     | No capping applied     |
| Morningstar Global Building Products & Equipment Index         | 1998-06-30                | 2020-07-16     | No capping applied     |
| Morningstar Global Business Equipment Index                    | 1998-06-30                | 2018-10-22     | No capping applied     |
| Morningstar Global Business Services Index                     | 1998-06-30                | 2018-10-22     | No capping applied     |

|                                                                     |            |            |                    |
|---------------------------------------------------------------------|------------|------------|--------------------|
| Morningstar Global Capital Markets Index                            | 1998-06-30 | 2018-10-22 | No capping applied |
| Morningstar Global Chemicals Index                                  | 1998-06-30 | 2018-10-22 | No capping applied |
| Morningstar Global Communication Equipment Index                    | 1998-06-30 | 2018-10-22 | No capping applied |
| Morningstar Global Computer Systems Index                           | 1998-06-30 | 2018-10-22 | No capping applied |
| Morningstar Global Confectioners Index                              | 1998-06-30 | 2018-10-23 | No capping applied |
| Morningstar Global Conglomerates Index                              | 1998-06-30 | 2018-10-23 | No capping applied |
| Morningstar Global Consulting Services Index                        | 1998-06-30 | 2020-07-16 | No capping applied |
| Morningstar Global Consumer Electronics Index                       | 1998-06-30 | 2018-10-23 | No capping applied |
| Morningstar Global Copper Index                                     | 1998-06-30 | 2018-10-23 | No capping applied |
| Morningstar Global Credit Services Index                            | 1998-06-30 | 2018-10-23 | No capping applied |
| Morningstar Global Department Stores Index                          | 1998-06-30 | 2018-10-23 | No capping applied |
| Morningstar Global Diagnostics and Research Index                   | 1998-06-30 | 2018-10-23 | No capping applied |
| Morningstar Global Discount Stores Index                            | 1998-06-30 | 2018-10-23 | No capping applied |
| Morningstar Global Diversified Industrials Index                    | 1998-06-30 | 2018-10-23 | No capping applied |
| Morningstar Global Drug Manufacturers - Major Index                 | 1998-06-30 | 2018-10-23 | No capping applied |
| Morningstar Global Drug Manufacturers - Specialty and Generic Index | 1998-06-30 | 2018-10-23 | No capping applied |
| Morningstar Global Education and Training Services Index            | 1998-06-30 | 2018-10-23 | No capping applied |
| Morningstar Global Electrical Equipment & Parts Index               | 1998-06-30 | 2020-07-16 | No capping applied |
| Morningstar Global Electronic Components Index                      | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Electronic Gaming and Multimedia Index           | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Electronics Distribution Index                   | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Entertainment Index                              | 1998-06-30 | 2020-07-16 | No capping applied |
| Morningstar Global Engineering and Construction Index               | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Farm and Construction Equipment Index            | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Farm Products Index                              | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Financial Conglomerates Index                    | 1998-06-30 | 2020-07-16 | No capping applied |
| Morningstar Global Financial Exchanges Index                        | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Food Distribution Index                          | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Footwear and Accessories Index                   | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Gambling Index                                   | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Gold Index                                       | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Grocery Stores Index                             | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Health Care Plans Index                          | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Health Information Services Index                | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Home Furnishings and Fixtures Index              | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Home Improvement Stores Index                    | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Household and Personal Products Index            | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Industrial Distribution Index                    | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Industrial Metals and Minerals Index             | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Information Technology Services Index            | 1998-06-30 | 2018-10-24 | No capping applied |
| Morningstar Global Infrastructure Operations Index                  | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Insurance - Diversified Index                    | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Insurance - Life Index                           | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Insurance - Property and Casualty Index          | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Insurance - Reinsurance Index                    | 1998-06-30 | 2018-10-25 | No capping applied |

|                                                             |            |            |                    |
|-------------------------------------------------------------|------------|------------|--------------------|
| Morningstar Global Insurance - Specialty Index              | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Insurance Brokers Index                  | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Integrated Shipping and Logistics Index  | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Internet Content and Information Index   | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Internet Retail Index                    | 1998-06-30 | 2020-07-16 | No capping applied |
| Morningstar Global Leisure Index                            | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Lodging Index                            | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Lumber and Wood Production Index         | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Luxury Goods Index                       | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Medical Care Index                       | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Medical Devices Index                    | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Medical Distribution Index               | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Medical Instruments and Supplies Index   | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Metal Fabrication Index                  | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Oil and Gas Drilling Index               | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Oil and Gas E&P Index                    | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Oil and Gas Equipment and Services Index | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Oil and Gas Integrated Index             | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Oil and Gas Midstream Index              | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Oil and Gas Refining and Marketing Index | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Other Precious Metals & Mining Index     | 1998-06-30 | 2020-07-16 | No capping applied |
| Morningstar Global Packaged Foods Index                     | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Packaging and Containers Index           | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Paper and Paper Products Index           | 1998-06-30 | 2018-10-25 | No capping applied |
| Morningstar Global Personal Services Index                  | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Pharmaceutical Retailers Index           | 1998-06-30 | 2018-10-23 | No capping applied |
| Morningstar Global Pollution and Treatment Controls Index   | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Publishing Index                         | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Railroads Index                          | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Real Estate-Diversified Index            | 1998-06-30 | 2020-07-16 | No capping applied |
| Morningstar Global Real Estate - General Index              | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Real Estate - Services Index             | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Recreational Vehicles Index              | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global REIT - Diversified Index                 | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global REIT - Healthcare Facilities Index       | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global REIT - Hotel and Motel Index             | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global REIT - Industrial Index                  | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global REIT-Mortgage Index                      | 2012-12-21 | 2020-07-16 | No capping applied |
| Morningstar Global REIT - Office Index                      | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global REIT - Residential Index                 | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global REIT - Retail Index                      | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global REIT-Specialty Index                     | 2012-12-21 | 2020-07-16 | No capping applied |
| Morningstar Global Rental and Leasing Services Index        | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Residential Construction Index           | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Resorts and Casinos Index                | 1998-06-30 | 2018-10-26 | No capping applied |

|                                                                  |            |            |                    |
|------------------------------------------------------------------|------------|------------|--------------------|
| Morningstar Global Restaurants Index                             | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Scientific and Technical Instruments Index    | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Security and Protection Services Index        | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Semiconductor Equipment and Materials Index   | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Semiconductors Index                          | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Shipping and Ports Index                      | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Software - Application Index                  | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Software - Infrastructure Index               | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Specialty Chemicals Index                     | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Specialty Finance Index                       | 1998-06-30 | 2018-10-29 | No capping applied |
| Morningstar Global Specialty Retail Index                        | 1998-06-30 | 2018-10-29 | No capping applied |
| Morningstar Global Staffing and Outsourcing Services Index       | 1998-06-30 | 2018-10-29 | No capping applied |
| Morningstar Global Steel Index                                   | 1998-06-30 | 2018-10-29 | No capping applied |
| Morningstar Global Telecom Services Index                        | 1998-06-30 | 2018-10-29 | No capping applied |
| Morningstar Global Textile Manufacturing Index                   | 1998-06-30 | 2018-10-29 | No capping applied |
| Morningstar Global Thermal Coal Index                            | 1998-06-30 | 2020-07-16 | No capping applied |
| Morningstar Global Tobacco Index                                 | 1998-06-30 | 2018-10-29 | No capping applied |
| Morningstar Global Tools and Accessories Index                   | 1998-06-30 | 2018-10-29 | No capping applied |
| Morningstar Global Travel Services Index                         | 1998-06-30 | 2020-07-16 | No capping applied |
| Morningstar Global Trucking Index                                | 1998-06-30 | 2018-10-29 | No capping applied |
| Morningstar Global Utilities - Diversified Index                 | 1998-06-30 | 2018-10-29 | No capping applied |
| Morningstar Global Utilities - Independent Power Producers Index | 1998-06-30 | 2018-10-29 | No capping applied |
| Morningstar Global Utilities-Renewable Index                     | 1998-06-30 | 2020-07-16 | No capping applied |
| Morningstar Global Utilities - Regulated Electric Index          | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Utilities - Regulated Gas Index               | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Utilities - Regulated Water Index             | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Waste Management Index                        | 1998-06-30 | 2018-10-26 | No capping applied |
| Morningstar Global Solar Index                                   | 2008-06-20 | 2024-04-16 | No capping applied |
| Morningstar Global Non-Alcoholic Beverages Index                 | 1998-06-30 | 2025-01-27 | No capping applied |
| Morningstar US Aerospace and Defense Index                       | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Asset Management Index                            | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Banks Index                                       | 1998-06-30 | 2023-04-11 | No capping applied |
| Morningstar US Banks-Regional Index                              | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Biotechnology Index                               | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Diagnostics and Research Index                    | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Information Technology Services Index             | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Medical Devices Index                             | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Medical Instruments and Supplies Index            | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Oil and Gas Exploration and Production Index      | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Packaged Foods Index                              | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Semiconductors Index                              | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Software Application Index                        | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Software Infrastructure Index                     | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Specialty Chemicals Index                         | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Specialty Industrial Machinery Index              | 1998-06-30 | 2022-10-27 | No capping applied |

|                                                                    |            |            |                    |
|--------------------------------------------------------------------|------------|------------|--------------------|
| Morningstar US Specialty Retail Index                              | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Utilities - Regulated Electric Index                | 1998-06-30 | 2022-10-27 | No capping applied |
| Morningstar US Defensive Retail Index                              | 1998-06-30 | 2023-06-30 | No capping applied |
| Morningstar US Hardware Capped Index                               | 1998-06-30 | 2023-06-30 | 5/20/50            |
| Morningstar US Business Services Capped Index                      | 1998-06-30 | 2023-06-30 | 5/20/50            |
| Morningstar US Consumer Packaged Goods Capped Index                | 1998-06-30 | 2023-06-30 | 5/20/50            |
| Morningstar US Insurance Capped Index                              | 1998-06-30 | 2023-06-30 | 5/20/50            |
| Morningstar US Oil & Gas Capped Index                              | 1998-06-30 | 2023-06-30 | 5/20/50            |
| Morningstar US Software Capped Index                               | 1998-06-30 | 2023-06-30 | 5/20/50            |
| Morningstar US Metal & Mining Index                                | 1998-06-30 | 2023-06-30 | No capping applied |
| Morningstar US Cyclical Retail Capped Index                        | 1998-06-30 | 2023-06-30 | 5/20/50            |
| Morningstar US Drug Manufacturers Index                            | 1998-06-30 | 2023-06-30 | No capping applied |
| Morningstar US Healthcare Providers & Services Capped Index        | 1998-06-30 | 2023-06-30 | 5/20/50            |
| Morningstar US Transportation Capped Index                         | 1998-06-30 | 2023-06-30 | 5/20/50            |
| Morningstar US Travel & Leisure Capped Index                       | 1998-06-30 | 2023-06-30 | 5/20/50            |
| Morningstar US Construction Index                                  | 1998-06-30 | 2023-06-30 | No capping applied |
| Morningstar US Vehicles & Parts Index                              | 1998-06-30 | 2023-06-30 | No capping applied |
| Morningstar US Defensive Retail Index                              | 1998-06-30 | 2023-06-30 | No capping applied |
| Morningstar North America Aerospace & Defense Index                | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America Auto Parts Index                         | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar North America Banks - Regional Index                   | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America Building Products & Equipment Index      | 2019-12-20 | 2024-12-16 | No capping applied |
| Morningstar North America Diagnostics & Research Index             | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar North America Engineering & Construction Index         | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar North America Insurance - Life Index                   | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar North America Insurance - Property & Casualty Index    | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America Medical Devices Index                    | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar North America Oil and Gas E&P Index                    | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar North America Packaged Foods Index                     | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar North America Packaging & Containers Index             | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar North America REIT - Retail Index                      | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar North America REIT - Specialty Index                   | 2019-12-20 | 2024-12-16 | No capping applied |
| Morningstar North America Residential Construction Index           | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America Software - Application Index             | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar North America Specialty Chemicals Index                | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America Utilities - Regulated Electric Index     | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar North America Utilities - Regulated Gas Index          | 1998-06-30 | 2024-12-16 | No capping applied |
| Morningstar North America REIT - Residential Index                 | 2002-06-21 | 2025-01-16 | No capping applied |
| Morningstar North America REIT - Industrial Index                  | 2013-06-21 | 2025-01-16 | No capping applied |
| Morningstar North America Scientific & Technical Instruments Index | 2002-06-21 | 2025-01-16 | No capping applied |
| Morningstar North America Specialty Industrial Machinery Index     | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Specialty Retail Index                   | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Semiconductors Index                     | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Rental & Leasing Services Index          | 2020-12-18 | 2025-01-16 | No capping applied |
| Morningstar North America Software - Infrastructure Index          | 1998-06-30 | 2025-01-16 | No capping applied |

|                                                                                     |            |            |                    |
|-------------------------------------------------------------------------------------|------------|------------|--------------------|
| Morningstar North America Restaurants Index                                         | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Oil & Gas Midstream Index                                 | 2009-12-18 | 2025-01-16 | No capping applied |
| Morningstar North America Semiconductor Equipment & Materials Index                 | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Oil & Gas Equipment & Services Index                      | 2022-06-17 | 2025-01-16 | No capping applied |
| Morningstar North America Gold Index                                                | 2002-12-20 | 2025-01-16 | No capping applied |
| Morningstar North America Medical Care Facilities Index                             | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Credit Services Index                                     | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Apparel Retail Index                                      | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Auto & Truck Dealerships Index                            | 2020-12-18 | 2025-01-16 | No capping applied |
| Morningstar North America Entertainment Index                                       | 2019-12-20 | 2025-01-16 | No capping applied |
| Morningstar North America Financial Data & Stock Exchanges Index                    | 2022-12-16 | 2025-01-16 | No capping applied |
| Morningstar North America Internet Content & Information Index                      | 2011-06-17 | 2025-01-16 | No capping applied |
| Morningstar North America Electronic Components Index                               | 2014-12-19 | 2025-01-16 | No capping applied |
| Morningstar North America Information Technology Services Index                     | 2006-12-15 | 2025-01-16 | No capping applied |
| Morningstar North America Asset Management Index                                    | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Drug Manufacturers - Specialty & Generic Index            | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Biotechnology Index                                       | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Telecom Services Index                                    | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Household & Personal Products Index                       | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Industrial Distribution Index                             | 2009-06-19 | 2025-01-16 | No capping applied |
| Morningstar North America Banks - Diversified Index                                 | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Capital Markets Index                                     | 1998-06-30 | 2025-01-16 | No capping applied |
| Morningstar North America Medical Instruments & Supplies 20% Capped Index           | 1998-06-30 | 2024-12-16 | 20% Cap            |
| Morningstar Developed Markets Europe Capital Markets Index                          | 2019-12-20 | 2025-01-16 | No capping applied |
| Morningstar Developed Markets Europe Industrial Distribution Index                  | 2016-12-16 | 2025-01-16 | No capping applied |
| Morningstar Developed Markets Europe Drug Manufacturers - Specialty & Generic Index | 2016-12-16 | 2025-01-16 | No capping applied |
| Morningstar Developed Markets Europe Software - Application Index                   | 2015-12-18 | 2025-01-16 | No capping applied |
| Morningstar Developed Markets Europe Medical Instruments & Supplies Index           | 2018-06-15 | 2025-01-16 | No capping applied |
| Morningstar Developed Markets Europe Farm & Heavy Construction Machinery Index      | 2019-12-20 | 2025-01-16 | No capping applied |
| Morningstar Developed Markets Europe Utilities - Renewable Index                    | 2019-12-20 | 2025-01-16 | No capping applied |
| Morningstar Developed Markets Europe Luxury Goods Index                             | 2019-12-20 | 2025-01-16 | No capping applied |
| Morningstar Developed Markets Europe Packaging & Containers Index                   | 2021-12-17 | 2025-01-16 | No capping applied |
| Morningstar Developed Markets Europe Real Estate Services Index                     | 2005-06-17 | 2025-01-16 | No capping applied |
| Morningstar Developed Markets Europe Auto Parts Index                               | 2015-06-19 | 2025-01-16 | No capping applied |
| Morningstar Developed Markets Europe Auto Manufacturers Index                       | 2016-12-16 | 2025-01-16 | No capping applied |
| Morningstar Developed Markets Europe Asset Management Index                         | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar Developed Markets Europe Banks - Regional Index                         | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar Developed Markets Europe Building Products & Equipment Index            | 2019-12-20 | 2024-12-19 | No capping applied |
| Morningstar Developed Markets Europe Specialty Chemicals Index                      | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar Developed Markets Europe Utilities - Diversified Index                  | 1998-06-30 | 2024-12-17 | No capping applied |

|                                                                                                     |            |            |                    |
|-----------------------------------------------------------------------------------------------------|------------|------------|--------------------|
| Morningstar Developed Markets Europe Telecom Services Index                                         | 1998-06-30 | 2024-12-17 | No capping applied |
| Morningstar Developed Markets Europe Aerospace & Defense Index                                      | 1998-06-30 | 2025-01-30 | No capping applied |
| Morningstar Developed Markets Europe Banks – Diversified Index                                      | 1998-06-30 | 2025-01-30 | No capping applied |
| Morningstar Developed Markets Europe Biotechnology 20% Capped                                       | 2000-06-16 | 2025-02-03 | 20% Cap            |
| Morningstar Developed Markets Europe Drug Manufacturers - General Index                             | 1998-06-30 | 2025-01-27 | No capping applied |
| Morningstar Developed Markets Europe Engineering & Construction Index                               | 1998-06-30 | 2025-01-27 | No capping applied |
| Morningstar Developed Markets Europe Household & Personal Products Index                            | 1998-06-30 | 2025-01-27 | No capping applied |
| Morningstar Developed Markets Europe Information Technology Services Index                          | 1998-06-30 | 2025-01-27 | No capping applied |
| Morningstar Developed Markets Europe Insurance - Diversified Index                                  | 1998-06-30 | 2025-01-27 | No capping applied |
| Morningstar Developed Markets Europe Marine Shipping Index                                          | 1998-06-30 | 2025-01-27 | No capping applied |
| Morningstar Developed Markets Europe Medical Devices Index                                          | 1998-06-30 | 2025-01-27 | No capping applied |
| Morningstar Developed Markets Europe Packaged Foods Index                                           | 1998-06-30 | 2025-01-27 | No capping applied |
| Morningstar Developed Markets Europe Specialty Business Services 20% Capped Index                   | 1998-06-30 | 2024-12-17 | 20% Cap            |
| Morningstar Developed Markets Europe Specialty Industrial Machinery Capped Index                    | 1998-06-30 | 2024-12-17 | 5/20/50            |
| Morningstar Developed Markets Europe Steel 20% Capped Index                                         | 1998-06-30 | 2024-12-17 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Auto Parts Capped Index                                  | 1998-06-30 | 2025-03-03 | 5/20/50            |
| Morningstar Developed Markets Asia Pacific Building Products & Equipment 20% Capped Index           | 2019-12-20 | 2025-03-03 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Capital Markets 20% Capped Index                         | 1998-06-30 | 2025-03-04 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Chemicals 20% Capped Index                               | 1998-06-30 | 2025-03-10 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Credit Services 20% Capped Index                         | 1998-06-30 | 2025-03-11 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Department Stores 20% Capped Index                       | 1998-06-30 | 2025-03-03 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Drug Manufacturer - Specialty & Generic 20% Capped Index | 1998-06-30 | 2025-03-04 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Electrical Equipment & Parts 20% Capped Index            | 2019-12-20 | 2025-03-03 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Grocery Stores 20% Capped Index                          | 1998-06-30 | 2025-03-03 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Information Technology Services 20% Capped Index         | 1998-06-30 | 2025-03-10 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Specialty Business Services 20% Capped Index             | 1998-06-30 | 2025-03-03 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Specialty Retail 20% Capped Index                        | 1998-06-30 | 2025-03-11 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Steel 20% Capped Index                                   | 1998-06-30 | 2025-03-03 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Telecom Services 20% Capped Index                        | 1998-06-30 | 2025-03-11 | 20% Cap            |

|                                                                                                 |            |            |                    |
|-------------------------------------------------------------------------------------------------|------------|------------|--------------------|
| Morningstar Developed Markets Asia Pacific Gold 20% Capped Index                                | 2019-12-20 | 2025-03-10 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Household & Personal Products 20% Capped Index       | 1999-06-30 | 2025-03-10 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Integrated Freight and Logistics 20% Capped Index    | 1999-06-30 | 2025-03-04 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Leisure 20% Capped Index                             | 1999-06-30 | 2025-03-03 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Medical Instruments & Supplies 20% Capped Index      | 2018-06-15 | 2025-03-10 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific REIT - Retail 20% Capped Index                       | 2007-06-15 | 2025-03-03 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Semiconductor Equipment & Materials 20% Capped Index | 2022-06-17 | 2025-03-11 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Other Industrial Metals & Mining 20% Capped Index    | 2019-12-20 | 2025-03-03 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific REIT - Diversified Index                             | 2005-12-16 | 2025-03-04 | No capping applied |
| Morningstar Developed Markets Asia Pacific REIT - Industrial Index                              | 2016-12-16 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific REIT - Office Index                                  | 2007-06-15 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Restaurants Index                                    | 1999-01-01 | 2025-03-10 | No capping applied |
| Morningstar Developed Markets Asia Pacific Software - Application Index                         | 2014-12-19 | 2025-03-11 | No capping applied |
| Morningstar Developed Markets Asia Pacific Other Industrial Metals & Mining 20% Capped Index    | 1998-06-30 | 2025-03-04 | 20% Cap            |
| Morningstar Developed Markets Asia Pacific Packaged Foods Index                                 | 1998-06-30 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Railroads Index                                      | 1998-06-30 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Engineering & Construction Index                     | 1998-06-30 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Real Estate - Diversified Index                      | 1998-06-30 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Real Estate - Development Index                      | 1998-06-30 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Real Estate Services Index                           | 1998-06-30 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Electronic Components Index                          | 1998-06-30 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Conglomerates Index                                  | 1998-06-30 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Banks - Regional Index                               | 1998-06-30 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Utilities - Renewable Index                          | 1998-06-30 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Specialty Industrial Machinery Index                 | 1998-06-30 | 2025-03-03 | No capping applied |
| Morningstar Developed Markets Asia Pacific Specialty Chemicals Index                            | 1998-06-30 | 2025-03-03 | No capping applied |

\*Morningstar Global Consumer Sectors Index is comprised of 50% Morningstar Global Consumer Defensive Index and 50% Morningstar Global Consumer Cyclical Index

\*\*Morningstar Energy Composite Index is comprised of developed markets companies in the developed markets energy, industries, and utilities sectors at a respective 60%, 25%, and 15% allocation.

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Morningstar Indexes was built to keep up with the evolving needs of investors—and to be a leading-edge advocate for them. Our rich heritage as a transparent, investor-focused leader in data and research uniquely equips us to support individuals, institutions, wealth managers, and advisors in navigating investment opportunities across major asset classes, styles, and strategies. From traditional benchmarks and unique IP-driven indexes to index design, calculation, and distribution services, our solutions span an investment landscape as diverse as investors themselves.

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[www.indexes.morningstar.com](http://www.indexes.morningstar.com)

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