



## List of fields in the file "MSCI\_May23\_EPEComparison\_refreshed"

| Column                             | Name                                    | Description   |
|------------------------------------|---|---|
| cty_code                           | Cty Code                                | ISO Country Symbol; always populated.   |
| country                            | Country                                 | Name of the country; always populated.  |
| msci_security_code                 | MSCI Security Code                      | Unique identifier assigned by MSCI. The MSCI Security Code is a unique id at one point in time; always populated.   |
| msci_timeserie                     | MSCI Timeseries Code                    | Unique identifier assigned by MSCI which serves as a mechanism to keep an accurate time series for a security; always populated.  |
| sedol                              | Sedol                                   | SEDOL code; always blanked.   |
| security_ticker                    | Security Ticker                         | Security Ticker, available on a best-effort basis; may be blanked.  |
| mic_code                           | MIC                                     | Market Identification Code. It is populated for all securities, on a best effort basis; may be blanked.   |
| security_name                      | Security Name                           | Name of the security; always populated.   |
| family_change_status               | Family Change Status                    | Type of change: I = Added to the MSCI Pan-Euro and Euro Indexes, O = Removed from the MSCI Pan-Euro and Euro Indexes; otherwise blanked.  |
| security_change_status             | Security Change Status                  | Type of change: U = Change in Number of Shares FIF-Adjusted, G = Change in GICS; blanked if no change.  |
| pro_forma_pan_euro_flag            | Pro forma Pan-Euro Flag                 | Securities that have a "1" in this column are included in the pro forma MSCI Pan-Euro Index; otherwise "0".   |
| pro_forma_euro_flag                | Pro forma Euro Flag                     | Securities that have a "1" in this column are included in the pro forma MSCI Euro Index; otherwise "0".   |
| pro_forma_index_market_cap_eur     | Pro forma Market Cap (EUR mm)           | The market capitalization of the security used in the calculation of the pro forma MSCI Pan-Euro and Euro Indexes. Includes the effect of the pro forma Foreign Inclusion Factor (FIF), the pro forma shares outstanding and the pro forma IIF. Blanked for securities that are not included in the pro forma MSCI Pan-Euro and Euro Indexes. |
| pro_forma_iif                      | Pro forma IIF                           | The security's pro forma Standard Index Inclusion Factor (IIF), used in the calculation of the pro forma MSCI Pan-Euro and Euro Indexes. Blanked for securities that are not included in the pro forma MSCI Pan-Euro and Euro Indexes.  |
| pro_forma_number_of_shares_fif_adj | Pro forma Number of Shares FIF-Adjusted | The security's pro forma shares outstanding times the pro forma Foreign Inclusion Factor (FIF), used in calculating the market capitalization of the security in the pro forma MSCI Pan-Euro and Euro Indexes. Blanked for securities that are not included in the pro forma MSCI Pan-Euro and Euro Indexes.                                  |
| pro_forma_gics_code                | Pro forma GICS Code                     | Pro forma Global Industry Classification Standard code. Blanked for securities that are not included in the pro forma MSCI Pan-Euro and Euro Indexes.   |
| pro_forma_gics_industry_group_name | Pro forma GICS Industry Group Name      | Pro forma Global Industry Classification Standard Industry Group name. Blanked for securities that are not included in the pro forma MSCI Pan-Euro and Euro Indexes.  |

|                                  |                                       |   |
|----------------------------------|---------------------------------------|---|
| current_pan_euro_flag            | Current Pan-Euro Flag                 | Securities that have a "1" in this column are included in the current MSCI Pan-Euro Index; otherwise "0".   |
| current_euro_flag                | Current Euro Flag                     | Securities that have a "1" in this column are included in the current MSCI Euro Index; otherwise "0".   |
| current_index_market_cap_eur     | Current Market Cap (EUR mm)           | The market capitalization of the security used in the calculation of the current MSCI Pan-Euro and Euro Indexes. Includes the effect of the current Foreign Inclusion Factor (FIF), the current shares outstanding and the current IIF. Blanked for securities that are not included in the current MSCI Pan-Euro and Euro Indexes. |
| current_iif                      | Current IIF                           | The security's current Standard Index Inclusion Factor (IIF), used in the calculation of the current MSCI Pan-Euro and Euro Indexes. Blanked for securities that are not included in the current MSCI Pan-Euro and Euro Indexes.  |
| current_number_of_shares_fif_adj | Current Number of Shares FIF-Adjusted | The security's current shares outstanding times the current Foreign Inclusion Factor (FIF), used in calculating the market capitalization of the security in the current MSCI Pan-Euro and Euro Indexes. Blanked for securities that are not included in the current MSCI Pan-Euro and Euro Indexes.                                |
| current_gics_code                | Current GICS Code                     | Current Global Industry Classification Standard code. Blanked for securities that are not included in the current MSCI Pan-Euro and Euro Indexes.   |
| local_price                      | Local Price                           | Closing price in local currency; always populated.  |
| fx_rate                          | FX Rate (vs EUR)                      | 4pm London time snapshot from WM/Reuters; always populated.   |