



## List of fields in the file "MSCI\_Nov18\_EPEComparison"

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.