

## Closing Prices used for Index Calculation v2.8

This document applies to any Index Series where specifically referenced in the Ground Rules.

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October 2019



## **Closing Prices used for Index Calculation**

All exchange closing prices are sourced from Thomson Reuters.

All times detailed are local except where otherwise stated.

Country	Market classification	Price used
Argentina	Frontier	Buenos Aires Stock Exchange (BCBA) – Last Trade Price
Australia	Developed	Australian Securities Exchange (ASX) - Official Closing Price (Auction)
Austria	Developed	Wiener Boerse AG - Official Closing Price (Auction)
Bahrain	Frontier	Bahrain Stock Exchange – Last Trade Price
Bangladesh	Frontier	Dhaka Stock Exchange – Official Closing Price (VWAP)
Belgium/Luxembourg	Developed	NYSE Euronext - Official Closing Price (Auction)
Botswana	Frontier	Botswana Stock Exchange – Last Trade Price
Brazil	Advanced Emerging	Sao Paulo Stock Exchange (BOVESPA) - Official Closing Price (Auction)
Bulgaria	Frontier	Bulgarian Stock Exchange – Last Trade Price
Canada	Developed	Toronto Stock Exchange (TSX) - Official Closing Price (Market on Close)
Chile	Secondary Emerging	Santiago Stock Exchange – Official Closing Price (VWAP)
	China A – Secondary Emerging	Shanghai Stock Exchange (SSE) - Official Closing Price (Auction)
		Shenzhen Stock Change (SZSE) – Official Closing Price (Auction)
China	China B - Secondary Emerging	Shanghai Stock Exchange (SSE) – Official Closing Price (Auction)
		Shenzhen Stock Exchange (SZSE) – Official Closing Price (Auction)
	China H, Red Chip, P Chip – Secondary Emerging	HKEx (Hong Kong Stock Exchange) - Official Closing Price (Auction)

Country	Market classification	Price used
	N Shares - Secondary Emerging	NYSE (New York Stock Exchange) - Official Closing Price (Auction)
		NYSE Arca - Official Closing Price (Auction)
		NASDAQ National Market System - Official Closing Price (Closing Cross)
	S Chips - Secondary Emerging	Singapore Stock Exchange (SGX) - Official Closing Price (Auction)
Colombia	Secondary Emerging	Bolsa De Valores De Colombia - Last Trade Price
Cote d'Ivoire	Frontier	Bourse Regionale des Valeurs Mobilieres – Last Trade Price
Croatia	Frontier	The Zagreb Stock Exchange – Official Closing Price (VWAP)
Cyprus	Frontier	Cyprus Stock Exchange – Official Closing Price (Auction)
Czech Republic	Advanced Emerging	Prague Stock Exchange (PSX) - Official Closing Price (Auction)
Denmark	Developed	The Copenhagen Stock Exchange (OMX Exchange) - Official Closing Price (Auction)
Egypt	Secondary Emerging	Cairo and Alexandria Stock Exchange - Official Closing Price (VWAP)
Estonia	Frontier	OMX Nordic Exchange – Official Closing Price (Auction)
Finland	Developed	OMX Helsinki (OMX Exchange) - Official Closing Price (Auction)
France	Developed	NYSE Euronext - Official Closing Price (Auction)
Germany	Developed	Deutsche Borse (XETRA) - Official Closing Price (Auction)
Ghana	Frontier	Ghana Stock Exchange – Official Closing Price (VWAP)
Greece	Developed	Athens Exchange SE - Official Closing Price (Auction)
Hong Kong	Developed	HKEx (Hong Kong Exchanges and Clearing) - Official Closing Price (Auction)
Hungary	Advanced Emerging	Budapest Stock Exchange - Last Trade Price
Iceland	Frontier	Nasdaq Iceland - Official Closing Price (Auction)
		National Stock Exchange of India (NSE) - Official Closing Price (VWAP)
India	Secondary Emerging	Existing constituents without a National Stock Exchange of India quote will continue to be priced from the Bombay Stock Exchange (Mumbai) - Official Closing Price (WAP).

Country	Market classification	Price used
Indonesia	Secondary Emerging	Indonesia Stock Exchange (IDX) - Official Closing Price (Auction)
Ireland	Developed	Irish Stock Exchange - Official Closing Price (Auction)
Israel	Developed	Tel Aviv Stock Exchange - Official Closing Price (Auction)
Italy	Developed	Borsa Italiana SpA - Closing Price (Auction)
Jamaica	Unclassified	Jamaica Stock Exchange – Last Trade Price
Japan	Developed	Tokyo Stock Exchange (TSE) – Official Closing Price (Auction)
Jordan	Frontier	Amman Stock Exchange – Last Trade Price
Kazakhstan	Frontier	Kazakhstan Stock Exchange – Last Trade Price
Kenya	Frontier	Nairobi Stock Exchange – Official Closing Price (VWAP)
Kuwait	Secondary Emerging	Kuwait Stock Exchange - Official Closing Price (Auction)
Latvia	Frontier	OMX Riga (Riga Stock Exchange) – Last Trade Price
Lithuania	Frontier	OMX Nordic Exchange – Official Closing Price (Auction)
FYR Macedonia	Frontier	Macedonian Stock Exchange – Last Trade Price
Malaysia	Advanced Emerging	Bursa Malaysia - Official Closing Price (Auction)
Malta	Frontier	Malta Stock Exchange – Last Trade Price
Mauritius	Frontier	The Stock Exchange of Mauritius – Last Trade Price
Mexico	Advanced Emerging	Bolsa Mexicana De Valores (BMV) - Official Closing Price (VWAP)
Morocco	Frontier	Casablanca Stock Exchange - Last Trade Price
Netherlands	Developed	NYSE Euronext - Official Closing Price (Auction)
New Zealand	Developed	NZX (New Zealand Stock Exchange) - Official Closing Price (Auction)
Nigeria	Frontier	Nigerian Stock Exchange – Last Trade Price
Norway	Developed	Oslo Bors ASA - Official Closing Price (Auction)
Oman	Frontier	Muscat Securities Market – Official Closing Price (VWAP)
Pakistan	Secondary Emerging	Pakistan Stock Exchange (PSE) – Official Closing Price (VWAP)
Palestine	Frontier	Palestine Stock Exchange (PEX) - Last Trade Price

Country	Market classification	Price used
Peru	Secondary Emerging	Bolsa De Valores De Lima (BVL) – Official Closing Price
Philippines	Secondary Emerging	Philippine Stock Exchange (PSE) - Official Closing Price (Auction)
Poland	Developed	Warsaw Stock Exchange - Official Closing Price (Auction)
Portugal	Developed	NYSE Euronext - Official Closing Price (Auction)
Qatar	Secondary Emerging	Doha Securities Market – Official Closing Price (Auction)
Romania	Frontier	Bucharest Stock Exchange – Last Trade Price
Russia	Domestic Listings -	Moscow Exchange - Official Closing Price
Tussia	Secondary Emerging	(Auction)
	Depositary Receipts –	London Stock Evolution of International Order
	Secondary Emerging	London Stock Exchange – International Order Book (IOB) – Official Closing Price (Auction)
Rwanda	Unclassified	Rwanda Stock Exchange - Official Closing Price (Auction)
Saudi Arabia	Secondary Emerging	Tadawul (Saudi Stock Exchange) – Official Closing Price (Auction)
Serbia	Frontier	Belgrade Stock Exchange – Official Closing Price (VWAP)
Singapore	Developed	Singapore Stock Exchange (SGX) - Official Closing Price (Auction)
Slovakia	Frontier	Bratislava Stock Exchange – Last Trade Price
Slovenia	Frontier	Ljubljana Stock Exchange – Official Closing Price (Auction)
South Africa	Advanced Emerging	JSE - Official Closing Price (VWAP)
South Korea	Developed	Korea Exchange (KRX) - Official Closing Price (Auction)
		KOSDAQ - Official Closing Price (Auction)
Spain	Developed	Latibex - Official Closing Price (Auction) Bolsa de Madrid - Official Closing Price (Auction)
Sri Lanka	Frontier	Colombo Stock Exchange (CSE) – Official Closing Price (VWAP)
Sweden	Developed	Stockholm Stock Exchange (OMX Exchange) - Official Closing Price (Auction)
Switzerland	Developed	SWX Swiss Exchange - Official Closing Price (Auction) Virt-X Exchange - Official Closing Price (Auction)
Taiwan	Advanced Emerging	Taiwan Stock Exchange (TWSE) - Official Closing Price (Auction)
Tanzania	Unclassified	Dar es Salaam Stock Exchange - Official Closing Price (Auction)
Trinidad & Tobago	Unclassified	The Trinidad & Tobago Stock Exchange – Last Trade Price

Country	Market classification	Price used
Thailand	Advanced Emerging	The Stock Exchange of Thailand (SET)- Official Closing Price (Auction)
Tunisia	Frontier	Tunis Stock Exchange – Last Trade Price
Turkey	Advanced Emerging	Istanbul Stock Exchange - Official Closing Price (Auction)
Uganda	Unclassified	Uganda Securities Exchange - Official Closing Price (Auction)
		NASDAQ Dubai Stock Exchange – Official Closing Price (Theoretical Auction)
United Arab Emirates	Secondary Emerging	Abu Dhabi Securities Exchange - Official Closing Price (Auction)
		Dubai Financial Market – Official Closing Price (Theoretical Auction)
United Kingdom	Developed	London Stock Exchange - Official Closing Price (Auction)
		CBOE – Official Closing Price (Auction)
		IEX – Official Closing Price (Auction)
United States	Developed	NYSE (New York Stock Exchange) - Official Closing Price (Auction)
		NYSE Arca - Official Closing Price (Auction)
		NASDAQ National Market System - Official Closing Price (Closing Cross)
Vietnam	Frentier	Hanoi Stock Exchange (HNX) – Last Trade Price
	Frontier	Hochiminh Stock Exchange (HOSE)– Official Closing Price (Auction)
Zambia	Unclassified	Lusaka Stock Exchange - Official Closing Price (Auction)
Zimbabwe	Unclassified	Zimbabwe Stock Exchange – Last Trade



## **Further Information**

For further information on FTSE Indexes please visit <u>www.ftserussell.com</u> or e-mail <u>info@ftserussell.com</u>. Contact details can also be found on this website.

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