

BofA Securities, Inc.
Futures and Derivative Clearinghouse Memberships and Affiliated and Unaffiliated Clearing Brokers
Updated: June 24, 2021

Affiliated Clearing Relationships

Americas:

EXCHANGE	CLEARINGHOUSE	MEMBER
CBOE Futures Exchange, LLC (CFE)	The Options Clearing Corporation	BofA Securities, Inc.
Chicago Board of Trade (CBOT)	Chicago Mercantile Exchange, Inc.	BofA Securities, Inc.
Chicago Mercantile Exchange, Inc. (CME)	Chicago Mercantile Exchange, Inc.	BofA Securities, Inc.
Commodity Exchange Inc. (COMEX)	Chicago Mercantile Exchange, Inc.	BofA Securities, Inc.
ERIS Exchange LLC	Chicago Mercantile Exchange, Inc.	BofA Securities, Inc.
ICE Futures U.S., Inc.	ICE Clear U.S., Inc.	BofA Securities, Inc.
Montreal Exchange (ME)	Canadian Derivatives Clearing Corporation	Merrill Lynch Canada Inc.*
New York Mercantile Exchange, Inc. (NYMEX)	Chicago Mercantile Exchange, Inc.	BofA Securities, Inc.
Nodal Exchange, LLC (NEX)	Nodal Clear, LLC	BofA Securities, Inc.
	ICE Clear Credit LLC	BofA Securities, Inc.

*BofA Securities, Inc. clears this market through a direct clearing relationship with this affiliated local clearing member.

Europe:

EXCHANGE	CLEARINGHOUSE	MEMBER**
Borsa Istanbul	Istanbul Settlement and Custody Bank Inc. (Takasbank)	Merrill Lynch Menkul Degerler A.S.***
EUREX	Eurex Clearing AG	BofA Securities Europe SA
Euronext - Amsterdam	LCH.Clearnet SA	BofA Securities Europe SA
Euronext - Brussels	LCH.Clearnet SA	BofA Securities Europe SA
Euronext - Lisbon	LCH.Clearnet SA	BofA Securities Europe SA
Euronext - Paris	LCH.Clearnet SA	BofA Securities Europe SA
Euronext - Oslo	LCH.Clearnet SA	BofA Securities Europe SA
ICE Futures Europe	ICE Clear Europe	BofA Securities, Inc. and Merrill Lynch International
ICE Endex	ICE Clear Europe	Merrill Lynch International and BofA Securities, Inc.
Italian Derivatives Market (IDEM)	CC&G (Cassa di Compensazione e Garanzia)	BofA Securities Europe SA
LCH, Ltd. (EquityClear, ForexClear, LCH Enclear - Freight, Listed Rates, SwapClear and RepoClear)	LCH, Ltd.	Merrill Lynch International
LCH, Ltd. (SwapClear Global FCM)	LCH, Ltd.	BofA Securities, Inc.
London Metals Exchange (LME)	LME Clear	Merrill Lynch International
Moscow Exchange	National Clearing Centre	OOO Merrill Lynch Securities***
Paris Commodities Exchange	LCH.Clearnet SA	BofA Securities Europe SA
Spanish Futures & Options Exchange (MEFF)	BME Clearing SA	BofA Securities Europe SA
NASDAQ OMX Derivatives Market	NASDAQ OMX Clearing	BofA Securities Europe SA
European Energy Exchange (EEX)	European Commodity Clearing AG	BofA Securities Europe SA

**Unless otherwise indicated, BofA Securities, Inc. indirectly clears these markets through its relationship with Merrill Lynch International or BofA Securities Europe SA, the affiliated local clearing members.

Any US Non-Clearing Member of these markets will clear through BofA Securities, Inc.'s relationship with Merrill Lynch International.

***BofA Securities, Inc. clears this market through an indirect clearing relationship with this affiliated local clearing member.

The direct clearing relationship is between Merrill Lynch International or BofA Securities Europe SA and this affiliated local clearing member.

Asia Pacific:

EXCHANGE	CLEARINGHOUSE	MEMBER*
Hong Kong Exchanges and Clearing Limited (HKEX)	HKFE Clearing Corporation Limited	Merrill Lynch Far East Limited
Hong Kong Exchanges and Clearing Limited (HKEX)	The SEHK Options Clearing House Limited	Merrill Lynch Far East Limited
Osaka Exchange (OSE)	Japan Securities Clearing Corporation	BofA Securities Japan Co., Ltd.
Singapore Exchange (SGX)	Singapore Exchange Derivatives Clearing	Merrill Lynch (Singapore) Pte. Ltd.
Australian Securities Exchange (ASX)	ASX Clear (Futures) Pty Ltd	Merrill Lynch (Australia) Futures Limited
Australian Securities Exchange (ASX)	ASX Clear Pty Ltd	Merrill Lynch Equities (Australia) Limited
Tokyo Financial Exchange (TFX)	Tokyo Financial Exchange	BofA Securities Japan Co., Ltd.

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Africa & Middle East:

EXCHANGE	CLEARINGHOUSE	MEMBER
South African Futures Exchange (SAFEX)	JSE Clears	Merrill Lynch South Africa (Proprietary) Limited***

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The direct clearing relationship is between Merrill Lynch International and this affiliated local clearing member.

Unaffiliated Clearing Relationships

BofA Securities, Inc. clears these markets indirectly through a relationship between its affiliate Merrill Lynch International and unaffiliated local clearing members. The names of those brokers are available upon request.

<i>EXCHANGE</i>	<i>CLEARINGHOUSE</i>
Bolsa de Mercadorias & Futuros (BM&F)	BM&F Derivatives Clearinghouse
Bursa Malaysia Derivatives Bourse (BMD)	Bursa Malaysia Derivatives Clearing Berhad
Mexican Derivatives Exchange (MexDer)	Asigna, Compensación y Liquidación
Thailand Futures Exchange (TFEX)	Thailand Clearing House Co., Ltd.
Warsaw Stock Exchange (WSE)	KDPW_CCP SA

BofA Securities, Inc. clears these markets through a direct relationship with the unaffiliated local clearing member.

<i>EXCHANGE</i>	<i>CLEARINGHOUSE</i>	<i>LOCAL CLEARING BROKER</i>
Minneapolis Grain Exchange (MGEX)	Minneapolis Grain Exchange	ADM Investor Services, Inc.
Osaka Exchange (OSE) (commodity derivatives)	Japan Securities Clearing Corporation	Societe Generale Securities Japan Limited§
Tokyo Commodities Exchange (TOCOM)	Japan Securities Clearing Corporation	Societe Generale Securities Japan Limited§
Korea Exchange (KRX)	Korea Exchange (KRX) (self-clearing)	Samsung Futures

§BofA Securities, Inc. clears this market through an indirect clearing relationship with the local clearing broker through its affiliate Societe Generale International Limited.