

FX FUTURES | FX OPTIONS | FX LINK

2021 FX Product Guide

20TH EDITION



Stay connected to our markets:

cmegroup.com/fx | cmegroup.com/thefxreport | linkedin.com/company/foreign-exchange



As the world's leading and most diverse derivatives marketplace, CME Group (cmegroup.com) is where the world comes to manage risk. CME Group exchanges offer the widest range of global benchmark products across all major asset classes, including futures and options based on interest rates, equity indexes, foreign exchange, energy, agricultural commodities, metals, weather and real estate.

CME Group brings buyers and sellers together through its CME Globex electronic trading platform and its trading facility in Chicago. CME Group also operates CME Clearing, one of the world's leading central counterparty clearing providers, which offers clearing and settlement services across asset classes for exchange-traded contracts and over-the-counter derivatives transactions. These products and services ensure that businesses everywhere can substantially mitigate counterparty credit risk.

CME Group FX

Trade the world's largest regulated FX marketplace – a marketplace built on trust. Our goal: to work with the market to understand the most important challenges and deliver the most innovative solutions.

TRADE liquid markets

\$81.8bn ADV
for 2020

53 futures monthly
and quarterly*

24 options Monday,
Wednesday, Friday,
Monthly, Quarterly*

1 FX Link, 8 currencies,
trade the spread
between OTC FX and
FX futures, linked

23+ hours
daily active trading

OPTIMIZE with clearing

11 NDFs

26 CSFs

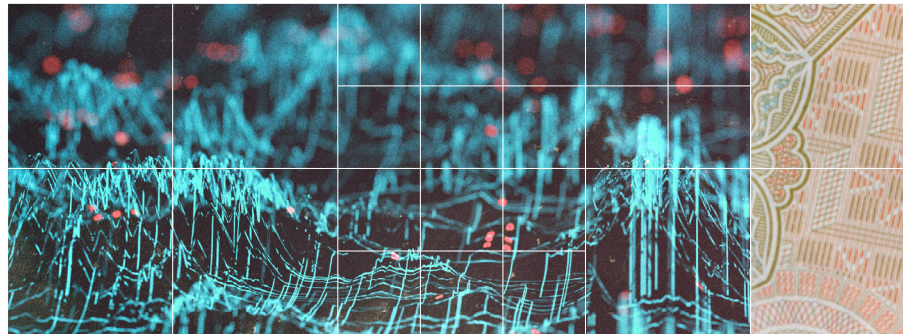
7 CSOs

ANALYZE latest insights

Monitor our markets using our
analytics tools, powered by
Quikstrike, available across
futures and options. Monitor
products on the go with
MyPortfolio, on cmegroup.com
and in our app.

OPERATE efficiently

- Increase capital efficiencies
- Reduce execution costs
- Enhance trading opportunities
- Simplify how you do business



* Available on selected currency pairs

Spot light: FX Link

One CME Globex spread, connecting two FX markets

CME FX Link is the first ever anonymous, automated connection between CME FX futures and the OTC FX marketplace, enabling participants across the industry to better manage their FX exposures, and more easily access the capital efficiencies of FX futures.

CME FX Link provides a central limit order book on CME Globex for trading spreads between OTC FX spot and CME FX futures, seamlessly connecting the two markets.

Manage common FX risks more efficiently

Through FX Link, participants can manage various FX swap, forward and basis trading needs via an anonymous, automated and cleared central liquidity pool.

For videos and descriptions of all of the different ways in which market participants are using FX Link, visit cmegroup.com/fxlink

Available to trade on:

AUD/USD	USD/CAD	USD/CHF
EUR/USD	USD/JPY	NZD/USD
GBP/USD	USD/MXN	

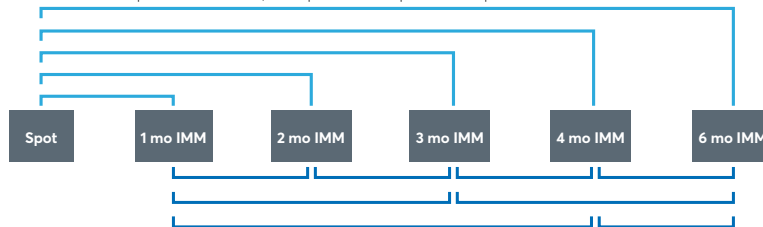
For contract specifications, please refer to the relevant currency page.

Covering the Forward Curve

FX Link – together with FX Monthly and Quarterly futures – creates a comprehensive, efficient, central liquidity source for managing various FX forward & swap exposures.

FX Link

Connects FX Spot and FX futures, with spreads from spot to five liquid IMM dates



Monthly FX Futures

Connects IMM outright and spread combinations covering active IMM forwards and forward rolls

EBS: Now part of CME Group

Integral to the foreign exchange markets, EBS is constantly creating innovative solutions and continually investing in our proven, market-leading platforms.

EBS offers access to one of the largest and most liquid FX markets in the world, facilitating international trade and risk management – from spot, to forwards to NDFs – providing clients with access to diverse, valuable liquidity and market insight – all in one place.

- Award-winning central limit order books
- Bilateral trading venues
- End-to-end workflow
- Market data solution

To explore our EBS offerings, please visit cmegroup.com/ebs



Proven technology

Access high-speed, low latency solutions supporting API and manual trading.



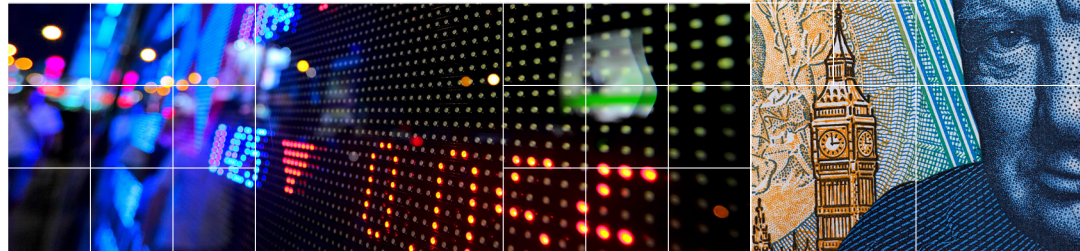
Award-winning services

Use the benchmark for FX and Money Market trading, connecting buyers and sellers in more than 50 countries.



Connecting the markets

Get instant, reliable access to the diverse liquidity of international markets to efficiently make custom trades.



Welcome to the 2021 FX Product Guide

For the convenience of our customers, this guide provides an overview of contract specifications.

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Spot light: Understanding CME listed and OTC cleared FX as an alternative to bilateral.

From G10 to EM across spot, forwards, NDFs, swaps and options – CME Group is the world's largest regulated FX marketplace.

Accessing the CME cleared marketplace is possible via four trading workflows:

1. Trade OTC and give up to CME for OTC clearing
2. Trade OTC and then EFRP the risk in to listed futures and options
3. Transact a block of listed futures and options directly with chosen liquidity providers
4. Trade directly in to the Central Limit Order Book

OTC MARKET	CME PRODUCTS	CURRENCY PAIRS SUPPORTED	
<p>Swaps</p>	<p>FX Link on eight currency pairs Calendar spreads in all quarterly/monthly listed FX futures, across 43 currency pairs</p>	<p>FX Link AUD/USD, USD/CAD, USD/CHF, EUR/USD, USD/JPY, NZD/USD, GBP/USD, USD/MXN</p>	<p>Listed AUD/USD, CAD/USD, CHF/USD, EUR/USD, GBP/USD, JPY/USD, NOK/USD, NZD/USD, SEK/USD, AUD/CAD, AUD/JPY, AUD/NZD, CAD/JPY, CHF/JPY, EUR/AUD, EUR/CAD, EUR/CHF, EUR/GBP, EUR/JPY, EUR/NOK, CZK/USD, CZK/EUR, HUF/USD, HUF/EUR, ILS/USD, EUR/SEK, GBP/JPY, GBP/CHF, MXN/USD, PLN/USD, PLN/EUR, TRY/USD, USD/ZAR, ZAR/USD, BRL/USD, CLP/USD, CNY/EUR, CNY/USD, INR/USD, KRW/USD, RUB/USD, USD/CLP, USD/CNH</p>
<p>Spot</p>	<p>Listed FX futures available in quarterly/monthly* contracts, across 43 currency pairs</p>	<p>Listed AUD/USD, CAD/USD, CHF/USD, EUR/USD, GBP/USD, JPY/USD, NOK/USD, NZD/USD, SEK/USD, AUD/CAD, AUD/JPY, AUD/NZD, CAD/JPY, CHF/JPY, EUR/AUD, EUR/CAD, EUR/CHF, EUR/GBP, EUR/JPY, EUR/NOK, CZK/USD, CZK/EUR, HUF/USD, HUF/EUR, ILS/USD, EUR/SEK, GBP/JPY, GBP/CHF, MXN/USD, PLN/USD, PLN/EUR, TRY/USD, USD/ZAR, ZAR/USD, BRL/USD, CLP/USD, CNY/EUR, CNY/USD, INR/USD, KRW/USD, RUB/USD, USD/CLP, USD/CNH</p>	

Continued

OTC MARKET	CME PRODUCTS	CURRENCY PAIRS SUPPORTED	
<p>Forwards</p>	<p>Listed FX futures available in quarterly/monthly* contracts, across 34 currency pairs</p> <p>OTC clearing for 26 Forwards</p>	<p>Listed</p> <p>AUD/USD, CAD/USD, CHF/USD, EUR/USD, GBP/USD, JPY/USD, NOK/USD, NZD/USD, SEK/USD, AUD/CAD, AUD/JPY, AUD/NZD, CAD/JPY, CHF/JPY, EUR/AUD, EUR/CAD, EUR/CHF, EUR/GBP, EUR/JPY, EUR/NOK, CZK/USD, CZK/EUR, HUF/USD, HUF/EUR, ILS/USD, EUR/SEK, GBP/JPY, GBP/CHF, MXN/USD, PLN/USD, PLN/EUR, TRY/USD, USD/ZAR, ZAR/USD</p>	<p>OTC cleared</p> <p>AUD/JPY, AUD/USD, CAD/JPY, EUR/AUD, EUR/CHF, EUR/GBP, EUR/JPY, EUR/USD, GBP/USD, NZD/USD, USD/CAD, USD/CZK, USD/CHF, USD/DKK, USD/HKD, USD/HUF, USD/ILS, USD/JPY, USD/MXN, USD/NOK, USD/PLN, USD/SEK, USD/SGD, USD/THB, USD/TRY, USD/ZAR</p>
<p>NDFs</p>	<p>Listed FX futures available in quarterly/monthly* contracts, across nine NDF currency pairs</p> <p>OTC clearing for 11 NDFs</p>	<p>Listed</p> <p>BRL/USD, CLP/USD, CNY/EUR, CNY/USD, INR/USD, KRW/USD, RUB/USD, USD/CLP, USD/CNH</p>	<p>OTC cleared</p> <p>USD/BRL, USD/PHP, USD/INR, USD/KRW, USD/CNY, USD/IDR, USD/TWD, USD/CLP, USD/COP, USD/PEN, USD/RUB</p>
<p>Options</p>	<p>Listed FX options with weekly and monthly expiries on Mon, Weds and/or Fri*, across 24 currency pairs</p> <p>FX options OTC clearing, across seven currency pairs</p>	<p>Listed</p> <p>AUD/USD, CAD/USD, CHF/USD, EUR/USD, GBP/USD, JPY/USD, NZD/USD, EUR/CHF, EUR/GBP, EUR/JPY, BRL/USD, CNY/EUR, CNY/USD, CZK/USD, CZK/EUR, HUF/USD, HUF/EUR, ILS/USD, KRW/USD, MXN/USD, PLN/USD, PLN/EUR, RUB/USD, ZAR/USD</p>	<p>OTC cleared</p> <p>AUD/USD, EUR/GBP, EUR/USD, GBP/USD, USD/CAD, USD/CHF, USD/JPY</p>

* Available on select currency pairs

CME FX futures and options

CONTRACT SPECIFICATIONS

All contracts listed herein are listed with, and subject to, the rules and regulations of CME Group's United States designated contract market ("CME").

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CME Globex trading hours

CHICAGO (CENTRAL TIME):

Sunday	Opens at 5:00 p.m. (for the next trade date) – 4:00 p.m. the next day.
Monday through Thursday	Opens at 5:00 p.m. (for the next trade date) – 4:00 p.m. the next day.
Friday	Closes at 4:00 p.m. and reopens Sundays at 5:00 p.m.

LONDON (GMT):

Sunday	Opens at 11:00 p.m. (for the next trade date) – 10:00 p.m. the next day.
Monday through Thursday	Opens at 11:00 p.m. (for the next trade date) – 10:00 p.m. the next day.
Friday	Closes at 10:00 p.m. and reopens Sundays at 11:00 p.m.

SINGAPORE (UTC/GMT+8):

Monday	Opens at 7:00 a.m. – 6:00 a.m. the next day.
Tuesday through Friday	Opens at 7:00 a.m. – 6:00 a.m. the next day.
Saturday	Closes at 6:00 a.m. and reopens Monday at 7:00 a.m.

TOKYO (UTC/GMT+9):

Monday	Opens at 8:00 a.m. – 7:00 a.m. the next day.
Tuesday through Friday	Opens at 8:00 a.m. – 7:00 a.m. the next day.
Saturday	Closes at 7:00 a.m. and reopens Monday at 8:00 a.m.

Open outcry trading hours

Chicago (Central Time):	Monday through Friday	7:20 a.m. – 2:00 p.m.
London (GMT):	Monday through Friday	1:20 p.m. – 8:00 p.m.
Singapore (UTC/GMT+8):	Monday through Friday	9:20 p.m. – 4:00 a.m.
Tokyo (UTC/GMT+9):	Monday through Friday	10:20 p.m. – 5:00 a.m.

CME ClearPort trading hours

Chicago (Central Time):	Sunday through Friday	5:00 p.m. – 4:15 p.m. with a 45-minute break each day beginning at 4:15 p.m.
London (GMT):	Sunday through Friday	11:00 p.m. – 10:15 p.m. the following day with a 45-minute break each day beginning at 10:15 p.m.
Singapore (UTC/GMT+8):	Monday through Saturday	7:00 a.m. – 6:15 a.m. the following day with a 45-minute break each day beginning at 6:15 a.m.
Tokyo (UTC/GMT+9):	Monday through Saturday	8:00 a.m. – 7:15 a.m. the following day with a 45-minute break each day beginning at 7:15 a.m.

Note: Times listed are when daylight saving time is not in effect.



Majors

FX FUTURES AND OPTIONS CONTRACTS

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Majors

FX FUTURES AND OPTIONS CONTRACTS

AUD/USD FUTURES

Contract size

100,000 Australian dollars

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: 6A

CME ClearPort: AD

Block minimum threshold (quarterly): 100

Block minimum threshold (monthly): 20

Minimum price fluctuation (tick)

Outrights: .00005 USD per AUD increments (\$5.00 USD)

Consecutive Month Spreads (Globex only): .00001 USD per AUD (1.00 USD)

All other Spread Combinations (Globex only): .00002 USD per AUD (2.00 USD)

Contract month listings

First 3 consecutive months and 20 months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday)

The minimum price increment (MPI) was reduced in non-consecutive monthly calendar spreads from 0.5 to 0.2 in January 2020.

The minimum price increment (MPI) was reduced on outright from .0001 to .00005 in November 2020.

Majors

FX FUTURES AND OPTIONS CONTRACTS

AUD/USD OPTIONS

Ticker symbol

Quarterly and serial options: ADU; volatility quoted: VXA;

Friday options: 1AD-5AD; volatility quoted: VAA-VAE;

Wednesday options: WA1-WA5; volatility quoted: VA1-VA5

Monday options: MA1-MA5

Pricing conventions and calculating cash premiums

An Australian dollar option price quoted as 1.58 is equivalent to $1.58 \times 0.01 = 0.0158$ when the price is quoted in full. The cash price of the option is $0.0158 \times 100,000$ (contract size) = \$1,580.00.

Minimum price fluctuation (tick)

\$0.0001 per Australian dollar = \$10.00/contract; also, trades may occur at \$0.00005 (\$5.00), \$0.00015 (\$15.00), \$0.00025 (\$25.00), \$0.00035 (\$35.00) and \$0.00045 (\$45.00), which are less than five ticks of premium.

Block minimum threshold: 250

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Eight serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov. **Monday, Wednesday and Friday options:** Four weekly options are listed at any time.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month. **Weekly options:** Close of trading is on the four nearest Wednesdays and Fridays that are not also terminations for quarterly and serial options.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
Please visit cmegroup.com/10am for more information.

Majors

AUD/USD FX LINK

Trading venue/hours

CME Globex:

Sunday – Friday,

5:00 p.m. – 4:00 p.m.

Chicago Time (CT), with

a 60-minute break each

day beginning at 5:00 p.m.

(4:00 p.m. CT).

Basis spread quotation

Quoted and traded as the difference between futures and spot as represented with both legs in OTC price convention.

Basis spread construction

The buyer of the spread buys CME FX futures and sells OTC Spot FX, while the seller sells CME FX futures and buys OTC Spot FX.

For FX futures currency pairs that are quoted inverse to OTC FX convention[†], the buyer of the spread sells FX futures and sells OTC FX spot and vice versa for a seller of spreads in the above listed pairs.

Min order quantity = 5 spreads

Spread listing schedule

Spreads vs. front three FX futures expiration months. New spreads added 10 business days prior to the last trade date of an expiring CME FX Futures.

Currency Pair	AUD/USD
Spread Minimum Price Increment	0.00001
Spread Notional (per leg)	100,000 AUD

Spot Leg Specifications

Currency Pairing	Value Date	Minimum Price Increment*	Spot Notional Per One Spread**
AUD/USD	T+2	0.00001 (0.01 pip)	100,000 AUD

Futures Leg Specifications***

Product Code	Contract Size	Futures Quotation	Tick
6A	100,000 AUD	USD per AUD	.00005 (5.00 USD)

* The minimum price increment ("MPI") of a spot FX transaction is separate and distinct from and is not necessarily a reflection of the MPI of a spot FX basis trade, which the Exchange shall determine.

** The spot notional per one spread for the USD/CAD, USD/CHF, USD/JPY, and USD/MXN currency pairings shall be defined in terms of the quote, or term, currency of each pairing rather than the base currency since the CME pricing and notional convention for related CME FX futures contracts is inverted from the over-the-counter ("OTC") convention.

*** Full product specifications for existing CME FX futures contracts are available on www.cmegroup.com/fx and in CME's Rulebook.

[†] Inverse Pairs: JPY/USD, CAD/USD, MXN/USD, CHF/USD

Majors

FX FUTURES AND OPTIONS CONTRACTS

CAD/USD FUTURES

Contract size

100,000 Canadian dollars

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: 6C

CME ClearPort: C1

Block minimum threshold (quarterly): 100

Block minimum threshold (monthly): 20

Minimum price fluctuation (tick)

Outrights: 0.00005 USD per CAD (\$5.00 USD)

Consecutive Month Spreads (Globex only): 0.00001 USD per CAD (1.00 USD)

All other Spread Combinations: 0.00005 USD per CAD (5.00 USD)

Contract month listings

First 3 consecutive months and 20 months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the business day immediately preceding the third Wednesday of the contract month (usually Tuesday).

The minimum price increment (MPI) was reduced in non-consecutive monthly calendar spreads from 0.5 to 0.2 in January 2020.

Majors

FX FUTURES AND OPTIONS CONTRACTS

CAD/USD OPTIONS

Ticker symbol

Quarterly and serial options: CAU; volatility quoted: VXC;

Friday options: 1CD-5CD; volatility quoted: VCA-VCE;

Wednesday options: WD1-WD5; volatility quoted: VC1-VC5

Monday options: MD1 - MD5

Pricing conventions and calculating cash premiums

A Canadian dollar option price quoted as 1.58 is equivalent to $1.58 \times 0.01 = 0.0158$ when the price is quoted in full. The cash price of the option is $0.0158 \times 100,000$ (contract size) = \$1,580.00.

Minimum price fluctuation (tick)

\$0.0001 per Canadian dollar = \$10.00/contract; also, trades may occur at \$0.00005 (\$5.00), \$0.00015 (\$15.00), \$0.00025 (\$25.00), \$0.00035 (\$35.00) and \$0.00045 (\$45.00), which are less than five ticks of premium.

Block minimum threshold: 250

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Eight serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov.

Monday, Wednesday and Friday options: Four weekly options are listed at any time.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month. **Weekly options:** Close of trading is on the four nearest Wednesdays and Fridays that are not also terminations for quarterly and serial options.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
Please visit cmegroup.com/10am for more information.

Majors

USD/CAD[†] FX LINK

Trading venue/hours

CME Globex:

Sunday – Friday,
5:00 p.m. – 4:00 p.m.
Chicago Time (CT), with
a 60-minute break each
day beginning at 5:00 p.m.
(4:00 p.m. CT).

Basis spread quotation

Quoted and traded as the difference between futures and spot as represented with both legs in OTC price convention.

Basis spread construction

The buyer of the spread buys CME FX futures and sells OTC Spot FX, while the seller sells CME FX futures and buys OTC Spot FX.

For FX futures currency pairs that are quoted inverse to OTC FX convention[†], the buyer of the spread sells FX futures and sells OTC FX spot and vice versa for a seller of spreads in the above listed pairs.

Min order quantity = 5 spreads

Spread listing schedule

Spreads vs. front three FX futures expiration months. New spreads added 10 business days prior to the last trade date of an expiring CME FX Futures.

Currency Pair	USD/CAD
Spread Minimum Price Increment	0.00001
Spread Notional (per leg)	100,000 CAD

Spot Leg Specifications

Currency Pairing	Value Date	Minimum Price Increment*	Spot Notional Per One Spread**
USD/CAD	T+1	0.000001 (0.01 pip)	100,000 CAD

Futures Leg Specifications***

Product Code	Contract Size	Futures Quotation	Tick
6C	100,000 CAD	USD per CAD	0.00005 (5.00 USD)

* The minimum price increment ("MPI") of a spot FX transaction is separate and distinct from and is not necessarily a reflection of the MPI of a spot FX basis trade, which the Exchange shall determine.

** The spot notional per one spread for the USD/CAD, USD/CHF, USD/JPY, and USD/MXN currency pairings shall be defined in terms of the quote, or term, currency of each pairing rather than the base currency since the CME pricing and notional convention for related CME FX futures contracts is inverted from the over-the-counter ("OTC") convention.

*** Full product specifications for existing CME FX futures contracts are available on www.cmegroup.com/fx and in CME's Rulebook.

[†] Inverse Pairs: JPY/USD, CAD/USD, MXN/USD, CHF/USD

Majors

FX FUTURES AND OPTIONS CONTRACTS

CHF/USD FUTURES

Contract size

125,000 Swiss francs

Settlement

Physical delivery

Position accountability

10,000 contracts

Ticker symbol

CME Globex electronic markets: 6S

CME ClearPort: E1

Block minimum threshold (quarterly): 100

Minimum price fluctuation (tick)

\$0.0001 per Swiss Franc increments (\$12.50/contract). \$0.00005 per Swiss Franc increments (\$6.25/contract) for CHF/USD futures intra-currency spreads executed electronically.

Contract month listings

First 3 consecutive months and 20 months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Majors

FX FUTURES AND OPTIONS CONTRACTS

CHF/USD OPTIONS

Ticker symbol

Quarterly and serial options: CHU; volatility quoted: VXS;

Weekly options: 1SF-5SF; volatility quoted: VSA-VSE

Pricing conventions and calculating cash premiums

A Swiss franc option price of 2.93 is equivalent to $2.93 \times 0.01 = 0.0293$ when the price is quoted in full. The cash price of the option is $0.0293 \times 125,000$ (contract size) = \$3,662.50.

Minimum price fluctuation (tick)

\$0.0001 per Swiss franc = \$12.50/contract; also, trades may occur at \$0.00005 (\$6.25), \$0.00015 (\$18.75), \$0.00025 (\$31.25), \$0.00035 (\$43.75) and \$0.00045 (\$56.25), which are less than five ticks of premium.

Block minimum threshold: 250

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Eight serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov.

Wednesday and Friday options: Four weekly options are listed at any time.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month. **Weekly options:** Close of trading is on the four nearest Wednesdays and Fridays that are not also terminations for quarterly and serial options.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
Please visit cmegroup.com/10am for more information.

Majors

USD/CHF[†] FX LINK

Trading venue/hours

CME Globex:

Sunday – Friday,

5:00 p.m. – 4:00 p.m.

Chicago Time (CT), with

a 60-minute break each

day beginning at 5:00 p.m.

(4:00 p.m. CT).

Basis spread quotation

Quoted and traded as the difference between futures and spot as represented with both legs in OTC price convention.

Basis spread construction

The buyer of the spread buys CME FX futures and sells OTC Spot FX, while the seller sells CME FX futures and buys OTC Spot FX.

For FX futures currency pairs that are quoted inverse to OTC FX convention[†], the buyer of the spread sells FX futures and sells OTC FX spot and vice versa for a seller of spreads in the above listed pairs.

Min order quantity = 5 spreads

Spread listing schedule

Spreads vs. front three FX futures expiration months. New spreads added 10 business days prior to the last trade date of an expiring CME FX Futures.

Currency Pair	USD/CHF
Spread Minimum Price Increment	0.00001
Spread Notional (per leg)	125,000 CHF

Spot Leg Specifications

Currency Pairing	Value Date	Minimum Price Increment*	Spot Notional Per One Spread**
USD/CHF	T+2	0.000001 (0.01 pip)	125,000 CHF

Futures Leg Specifications***

Product Code	Contract Size	Futures Quotation	Tick
6S	125,000 CHF	USD per CHF	0.0001 (12.50 USD)

* The minimum price increment ("MPI") of a spot FX transaction is separate and distinct from and is not necessarily a reflection of the MPI of a spot FX basis trade, which the Exchange shall determine.

** The spot notional per one spread for the USD/CAD, USD/CHF, USD/JPY, and USD/MXN currency pairings shall be defined in terms of the quote, or term, currency of each pairing rather than the base currency since the CME pricing and notional convention for related CME FX futures contracts is inverted from the over-the-counter ("OTC") convention.

*** Full product specifications for existing CME FX futures contracts are available on www.cmegroup.com/fx and in CME's Rulebook.

[†] Inverse Pairs: JPY/USD, CAD/USD, MXN/USD, CHF/USD

Majors

FX FUTURES AND OPTIONS CONTRACTS

EUR/USD FUTURES

Contract size

125,000 euros

Settlement

Physical delivery

Position accountability

10,000 contracts

Ticker symbol

CME Globex electronic markets: 6E

CME ClearPort: EC

Block minimum threshold (quarterly): 150

Block minimum threshold (monthly): 20

Minimum price fluctuation (tick)

Outrights: .00005 USD per EUR increments (\$6.25 USD)

Consecutive Month Spreads: (Globex only) 0.00001 USD per EUR (1.25 USD)

All other Spread Combinations: 0.00002 USD per EUR (2.50 USD)

Contract month listings

First 3 consecutive months and 20 months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

The minimum price increment (MPI) was reduced in non-consecutive monthly calendar spreads from 0.5 to 0.2 in August 2019.

Majors

FX FUTURES AND OPTIONS CONTRACTS

EUR/USD OPTIONS

Ticker symbol

Quarterly and serial options: EEU; volatility quoted: VXT;
Friday options: 1EU-5EU; volatility quoted: VTA-VTE;
Wednesday options: WE1-WE5; volatility quoted: VE1-VE5
Monday options: MO1-MO5

Pricing conventions and calculating cash premiums

A FX option price quoted as 20.30 is equivalent to $20.30 \times 0.001 = 0.02030$ when the price is quoted in full. Similarly, a EUR/USD option price quoted as 0.02030 is already quoted in full. The cash price of the option is $0.02030 \times 125,000$ (contract size) = \$2,537.50.

Minimum price fluctuation (tick)

\$0.0001 per euro = \$12.50/contract; also, trades may occur at \$0.00005 (\$6.25), \$0.00015 (\$18.75), \$0.00025 (\$31.25), \$0.00035 (\$43.75) and \$0.00045 (\$56.25), which are less than five ticks of premium.

Block minimum threshold: 250

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Eight serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov. **Monday, Wednesday and Friday options:** Four weekly options are listed at any time.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month.

Weekly options: Close of trading is on the four nearest Wednesdays and Fridays that are not also terminations for quarterly and serial options.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
Please visit cmegroup.com/10am for more information.

Majors

EUR/USD FX LINK

Trading venue/hours

CME Globex:

Sunday – Friday,

5:00 p.m. – 4:00 p.m.

Chicago Time (CT), with

a 60-minute break each

day beginning at 5:00 p.m.

(4:00 p.m. CT).

Basis spread quotation

Quoted and traded as the difference between futures and spot as represented with both legs in OTC price convention.

Basis spread construction

The buyer of the spread buys CME FX futures and sells OTC Spot FX, while the seller sells CME FX futures and buys OTC Spot FX.

For FX futures currency pairs that are quoted inverse to OTC FX convention[†], the buyer of the spread sells FX futures and sells OTC FX spot and vice versa for a seller of spreads in the above listed pairs.

Min order quantity = 5 spreads

Spread listing schedule

Spreads vs. front three FX futures expiration months. New spreads added 10 business days prior to the last trade date of an expiring CME FX Futures.

Currency Pair	EUR/USD
Spread Minimum Price Increment	0.00001
Spread Notional (per leg)	125,000 EUR

Spot Leg Specifications

Currency Pairing	Value Date	Minimum Price Increment*	Spot Notional Per One Spread**
EUR/USD	T+2	0.00001 (0.01 pip)	125,000 EUR

Futures Leg Specifications***

Product Code	Contract Size	Futures Quotation	Tick
6E	125,000 EUR	USD per EUR	0.00005 (6.25 USD)

* The minimum price increment ("MPI") of a spot FX transaction is separate and distinct from and is not necessarily a reflection of the MPI of a spot FX basis trade, which the Exchange shall determine.

** The spot notional per one spread for the USD/CAD, USD/CHF, USD/JPY, and USD/MXN currency pairings shall be defined in terms of the quote, or term, currency of each pairing rather than the base currency since the CME pricing and notional convention for related CME FX futures contracts is inverted from the over-the-counter ("OTC") convention.

*** Full product specifications for existing CME FX futures contracts are available on www.cmegroup.com/fx and in CME's Rulebook.

† Inverse Pairs: JPY/USD, CAD/USD, MXN/USD, CHF/USD

Majors

FX FUTURES AND OPTIONS CONTRACTS

GBP/USD FUTURES

Contract size

62,500 British pounds

Settlement

Physical delivery

Position accountability

10,000 contracts

Ticker symbol

CME Globex electronic markets: 6B

CME ClearPort: BP

Block minimum threshold (quarterly): 100

Block minimum threshold (monthly): 20

Minimum price fluctuation (tick)

Outrights: 0.0001 USD per GBP increments (\$6.25 USD)

Consecutive Month Spreads: (Globex only) 0.00001 USD per GBP (0.625 USD)

All other Spread Combinations: 0.00005 USD per GBP (3.125 USD)

Contract month listings

First 3 consecutive months and 20 months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

The Minimum Price Increment (MPI) was reduced in non-consecutive monthly calendar spreads from 1.0 to 0.5 in April 2019.

Majors

FX FUTURES AND OPTIONS CONTRACTS

GBP/USD OPTIONS

Ticker symbol

Quarterly and serial options: GBU; volatility quoted: VXB;

Friday options: 1BP-5BP; volatility quoted: VBA-VBE;

Wednesday options: WG1-WG5; volatility quoted: VG1-VG5

Monday options: MB1-MB5

Pricing conventions and calculating cash premiums

A British pound option price quoted as 1.960 is equivalent to $1.960 \times 0.01 = 0.0196$ when the price is quoted in full.

The cash price of the option is $0.0196 \times 62,500$ (contract size) = \$1,225.00.

Minimum price fluctuation (tick)

\$0.0001 per British pound = \$6.25/contract.

Block minimum threshold: 250

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Eight serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov.

Monday, Wednesday and Friday options: Four weekly options are listed at any time.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month. **Weekly options:** Close of trading is on the four nearest Wednesdays and Fridays that are not also terminations for quarterly and serial options.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
Please visit cmegroup.com/10am for more information.

Majors

GBP/USD FX LINK

Trading venue/hours

CME Globex:

Sunday – Friday,

5:00 p.m. – 4:00 p.m.

Chicago Time (CT), with

a 60-minute break each

day beginning at 5:00 p.m.

(4:00 p.m. CT).

Basis spread quotation

Quoted and traded as the difference between futures and spot as represented with both legs in OTC price convention.

Basis spread construction

The buyer of the spread buys CME FX futures and sells OTC Spot FX, while the seller sells CME FX futures and buys OTC Spot FX.

For FX futures currency pairs that are quoted inverse to OTC FX convention[†], the buyer of the spread sells FX futures and sells OTC FX spot and vice versa for a seller of spreads in the above listed pairs.

Min order quantity = 5 spreads

Spread listing schedule

Spreads vs. front three FX futures expiration months. New spreads added 10 business days prior to the last trade date of an expiring CME FX Futures.

Currency Pair	GBP/USD
Spread Minimum Price Increment	0.00001
Spread Notional (per leg)	62,500 GBP

Spot Leg Specifications

Currency Pairing	Value Date	Minimum Price Increment*	Spot Notional Per One Spread**
GBP/USD	T+2	0.00001 (0.1 pip)	62,500 GBP

Futures Leg Specifications***

Product Code	Contract Size	Futures Quotation	Tick
6B	62,500 GBP	USD per GBP	0.0001 (6.25 USD)

* The minimum price increment ("MPI") of a spot FX transaction is separate and distinct from and is not necessarily a reflection of the MPI of a spot FX basis trade, which the Exchange shall determine.

** The spot notional per one spread for the USD/CAD, USD/CHF, USD/JPY, and USD/MXN currency pairings shall be defined in terms of the quote, or term, currency of each pairing rather than the base currency since the CME pricing and notional convention for related CME FX futures contracts is inverted from the over-the-counter ("OTC") convention.

*** Full product specifications for existing CME FX futures contracts are available on www.cmegroup.com/fx and in CME's Rulebook.

[†] Inverse Pairs: JPY/USD, CAD/USD, MXN/USD, CHF/USD

Majors

FX FUTURES AND OPTIONS CONTRACTS

JPY/USD FUTURES

Contract size

12,500,000 Japanese yen

Settlement

Physical delivery

Position accountability

10,000 contracts

Ticker symbol

CME Globex electronic markets: 6J

CME ClearPort: J1

Block minimum threshold (quarterly): 150

Block minimum threshold (monthly): 20

Minimum price fluctuation (tick)

Outrights: .0000005 USD per JPY increments (6.25 USD)

Consecutive Month Spreads: (Globex only) 0.0000001 USD per JPY (1.25 USD)

All other Spread Combinations: 0.0000002 USD per JPY (2.50 USD)

Contract month listings

First 3 consecutive months and 20 months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

The Minimum Price Increment (MPI) was reduced in non-consecutive monthly calendar spreads from 0.5 to 0.2 in August 2019.

Majors

FX FUTURES AND OPTIONS CONTRACTS

JPY/USD OPTIONS

Ticker symbol

Quarterly and serial options: JPU; volatility quoted: VXJ;

Friday options: 1JY-5JY; volatility quoted: VJA-VJE;

Wednesday options: WJ1-WJ5; volatility quoted: VJ1-VJ5

Monday options: MJ1-MJ5

Pricing conventions and calculating cash premiums

A Japanese yen option price quoted as 1.53 is equivalent to $1.53 \times 0.0001 = 0.000153$ when the price is quoted in full. The cash price of the option is $0.000153 \times 12,500,000$ (contract size) = \$1,912.50.

Minimum price fluctuation (tick)

\$0.000001 per Japanese yen = \$12.50/contract; also, trades may occur at \$0.0000005 (\$6.25), \$0.0000015 (\$18.75), \$0.0000025 (\$31.25), \$0.0000035 (\$43.75) and \$0.0000045 (\$66.25), which are less than five ticks of premium.

Block minimum threshold: 250

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Eight serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov. **Monday, Wednesday and Friday options:** Four weekly options are listed at any time.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month.

Weekly options: Close of trading is on the four nearest Wednesdays and Fridays that are not also terminations for quarterly and serial options.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
Please visit cmegroup.com/10am for more information.

Majors

USD/JPY[†] FX LINK

Trading venue/hours

CME Globex:

Sunday – Friday,

5:00 p.m. – 4:00 p.m.

Chicago Time (CT), with

a 60-minute break each

day beginning at 5:00 p.m.

(4:00 p.m. CT).

Basis spread quotation

Quoted and traded as the difference between futures and spot as represented with both legs in OTC price convention.

Basis spread construction

The buyer of the spread buys CME FX futures and sells OTC Spot FX, while the seller sells CME FX futures and buys OTC Spot FX.

For FX futures currency pairs that are quoted inverse to OTC FX convention[†], the buyer of the spread sells FX futures and sells OTC FX spot and vice versa for a seller of spreads in the above listed pairs.

Min order quantity = 5 spreads

Spread listing schedule

Spreads vs. front three FX futures expiration months. New spreads added 10 business days prior to the last trade date of an expiring CME FX Futures.

Currency Pair	USD/JPY
Spread Minimum Price Increment	0.01
Spread Notional (per leg)	12,500,000 JPY

Spot Leg Specifications

Currency Pairing	Value Date	Minimum Price Increment*	Spot Notional Per One Spread**
USD/JPY	T+2	0.0001 (0.1 pip)	12,500,000 JPY

Futures Leg Specifications***

Product Code	Contract Size	Futures Quotation	Tick
6J	12,500,000 JPY	USD per JPY	0.0000005 (6.25 USD)

* The minimum price increment ("MPI") of a spot FX transaction is separate and distinct from and is not necessarily a reflection of the MPI of a spot FX basis trade, which the Exchange shall determine.

** The spot notional per one spread for the USD/CAD, USD/CHF, USD/JPY, and USD/MXN currency pairings shall be defined in terms of the quote, or term, currency of each pairing rather than the base currency since the CME pricing and notional convention for related CME FX futures contracts is inverted from the over-the-counter ("OTC") convention.

*** Full product specifications for existing CME FX futures contracts are available on www.cmegroup.com/fx and in CME's Rulebook.

[†] Inverse Pairs: JPY/USD, CAD/USD, MXN/USD, CHF/USD

Majors

FX FUTURES AND OPTIONS CONTRACTS

NOK/USD FUTURES

Contract size

2,000,000 Norwegian kroner

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: NOK

CME ClearPort: UN

Block minimum threshold (quarterly): 10

Minimum price fluctuation (tick)

Trading can occur in \$0.00001 per Norwegian krone increments (\$20.00 contract). Also, trades can occur in \$0.000005 per Norwegian krone increments (\$10.00/contract) for NOK/USD futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Majors

FX FUTURES AND OPTIONS CONTRACTS

NZD/USD FUTURES

Contract size

100,000 New Zealand dollars

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: 6N

CME ClearPort: NE

Block minimum threshold (quarterly): 50

Minimum price fluctuation (tick)

Trading can occur in \$0.0001 per New Zealand dollar increments (\$10.00/contract). Also, trades can occur in \$0.00005 per New Zealand dollar increments (\$5.00/contract) for NZD/USD futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Majors

FX FUTURES AND OPTIONS CONTRACTS

NZD/USD OPTIONS

Ticker symbol

Quarterly and serial options: Open Outcry: NE;

Globex: 6N

Weekly options: 1Z-5Z

Pricing conventions and calculating cash premiums

A New Zealand dollar option price quoted as 0.60 is equivalent to $0.60 \times 0.01 = 0.0060$ when the price is quoted in full. The cash price of the option is 0.0060 x 100,000 (contract size) = \$600.00.

Minimum price fluctuation (tick)

\$0.0001 per New Zealand dollar = \$10.00/contract; also, trades may occur at \$0.00005 (\$5.00), \$0.00015 (\$15.00), \$0.00025 (\$25.00), \$0.00035 (\$35.00) and \$0.00045 (\$45.00), which are less than five ticks of premium.

Block minimum threshold (quarterly): 50

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Three serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov.

Weekly options: Four weekly options are listed at any time.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month. **Weekly options:** Close of trading is on the four nearest Fridays that are not also terminations for quarterly and serial options.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
Please visit cmegroup.com/10am for more information.

Majors

NZD/USD FX LINK

Trading venue/hours

CME Globex:

Sunday – Friday,
5:00 p.m. – 4:00 p.m.
Chicago Time (CT), with
a 60-minute break each
day beginning at 5:00 p.m.
(4:00 p.m. CT).

Basis spread quotation

Quoted and traded as the difference between futures and spot as represented with both legs in OTC price convention.

Basis spread construction

The buyer of the spread buys CME FX futures and sells OTC Spot FX, while the seller sells CME FX futures and buys OTC Spot FX.

For FX futures currency pairs that are quoted inverse to OTC FX convention[†], the buyer of the spread sells FX futures and sells OTC FX spot and vice versa for a seller of spreads in the above listed pairs.

Min order quantity = 5 spreads

Spread listing schedule

Spreads vs. front three FX futures expiration months. New spreads added 10 business days prior to the last trade date of an expiring CME FX Futures.

Currency Pair	NZD/USD
Spread Minimum Price Increment	0.00001
Spread Notional (per leg)	100,000 NZD

Spot Leg Specifications

Currency Pairing	Value Date	Minimum Price Increment*	Spot Notional Per One Spread**
NZD/USD	T+2	0.00001 (0.1 pip)	100,000 NZD

Futures Leg Specifications***

Product Code	Contract Size	Futures Quotation	Tick
6N	100,000 NZD	USD per NZD	0.0001 (10.00 USD)

* The minimum price increment ("MPI") of a spot FX transaction is separate and distinct from and is not necessarily a reflection of the MPI of a spot FX basis trade, which the Exchange shall determine.

** The spot notional per one spread for the USD/CAD, USD/CHF, USD/JPY, and USD/MXN currency pairings shall be defined in terms of the quote, or term, currency of each pairing rather than the base currency since the CME pricing and notional convention for related CME FX futures contracts is inverted from the over-the-counter ("OTC") convention.

*** Full product specifications for existing CME FX futures contracts are available on www.cmegroup.com/fx and in CME's Rulebook.

[†] Inverse Pairs: JPY/USD, CAD/USD, MXN/USD, CHF/USD

Majors

FX FUTURES AND OPTIONS CONTRACTS

SEK/USD FUTURES

Contract size

2,000,000 Swedish kronor

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: SEK

CME ClearPort: SE

Block minimum threshold (quarterly): 10

Minimum price fluctuation (tick)

Trading can occur in \$0.00001 per Swedish krona increments (\$20.00/contract). Also, trades can occur in \$0.000005 per Swedish krona increments (\$10.00/contract) for SEK/USD futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

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Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

AUD/CAD FUTURES

Contract size

200,000 Australian dollars

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: ACD

CME ClearPort: AC

Block minimum threshold (quarterly): 10

Minimum price fluctuation (tick)

Trading can occur in 0.0001 Canadian dollars per Australian dollar increments (20 Canadian dollars). Also, trades can occur in 0.00005 Canadian dollars per Australian dollar increments (10 Canadian dollars) for AUD/CAD futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

AUD/JPY FUTURES

Contract size

200,000 Australian dollars

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: AJY

CME ClearPort: AJ

Block minimum threshold (quarterly): 10

Minimum price fluctuation (tick)

Trading can occur in 0.01 Japanese yen per Australian dollar increments (2,000 Japanese yen). Also, trades can occur in 0.005 Japanese yen per Australian dollar increments (1,000 Japanese yen) for AUD/JPY futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

AUD/NZD FUTURES

Contract size

200,000 Australian dollars

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: ANE

CME ClearPort: AN

Block minimum threshold (quarterly): 10

Minimum price fluctuation (tick)

Trading can occur in 0.0001 New Zealand dollars per Australian dollar increments (20 New Zealand dollars). Also, trades can occur in 0.00005 New Zealand dollars per Australian dollar increments (10 New Zealand dollars) for AUD/NZD futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

CAD/JPY FUTURES

Contract size

200,000 Canadian dollars

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: CJY

CME ClearPort: CY

Block minimum threshold (quarterly): 10

Minimum price fluctuation (tick)

Trading can occur in 0.01 Japanese yen per Canadian dollar increments (2,000 Japanese yen). Also, trades can occur in 0.005 Japanese yen per Canadian dollar increments (1,000 Japanese yen) for CAD/JPY futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

CHF/JPY FUTURES

Contract size

250,000 Swiss francs

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: SJY

CME ClearPort: SJ

Block minimum threshold (quarterly): 10

Minimum price fluctuation (tick)

Trading can occur in 0.005 Japanese yen per Swiss franc increments (1,250 Japanese yen). Also, trades can occur in 0.0025 Japanese yen per Swiss franc increments (625 Japanese yen) for CHF/JPY futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday)

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

EUR/AUD FUTURES

Contract size

125,000 euros

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: EAD

CME ClearPort: CA

Block minimum threshold (quarterly): 10

Minimum price fluctuation (tick)

Trading can occur in 0.0001 Australian dollars per euro increments (12.5 Australian dollars). Also, trades can occur in 0.00005 Australian dollars per euro increments (6.25 Australian dollars) for EUR/AUD futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

EUR/CAD FUTURES

Contract size

125,000 euros

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: ECD

CME ClearPort: CC

Block minimum threshold (quarterly): 10

Minimum price fluctuation (tick)

Trading can occur in 0.0001 Canadian dollars per euro increments (12.5 Canadian dollars). Also, trades can occur in 0.00005 Canadian dollars per euro increments (6.25 Canadian dollars) for EUR/CAD futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

EUR/CHF FUTURES

Contract size

125,000 euros

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: RF

CME ClearPort: RF

Block minimum threshold (quarterly): 50

Minimum price fluctuation (tick)

Trading can occur in 0.0001 Swiss francs per euro increments (12.5 Swiss francs). Also, trades can occur in 0.00005 Swiss francs per euro increments (6.25 Swiss francs) for EUR/CHF futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

EUR/CHF OPTIONS

Ticker symbol

Quarterly and serial options: RF

Weekly options: 1I-5I

Pricing conventions and calculating cash premiums

A Euro FX/Swiss franc option price quoted as 0.0245 is already quoted in full. The cash price of the option is $0.0245 \times 125,000$ (contract size) = 3,062.5 Swiss francs.

Minimum price fluctuation (tick)

.0001 Swiss francs per euro (12.5 Swiss francs); also, trades may occur at 0.00005 (6.25 Swiss francs), 0.00015 (18.75 Swiss francs), 0.00025 (31.25 Swiss francs), 0.00035 (43.75 Swiss francs) and 0.00045 (56.25 Swiss francs), which are less than five ticks of premium.

Block minimum threshold: 50

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Three serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov.

Weekly options: Four weekly options are listed at any time.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month. **Weekly options:** Close of trading is on the four nearest Fridays that are not also terminations for quarterly and serial options.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
Please visit cmegroup.com/10am for more information.

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

EUR/GBP FUTURES

Contract size

125,000 euros

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: RP

CME ClearPort: RP

Block minimum threshold (quarterly): 50

Block minimum threshold (monthly): 20

Minimum price fluctuation (tick)

Outrights: 0.00005 GBP per EUR increments (6.25 GBP)

Consecutive Month Spreads (Globex only): 0.00001 GBP per EUR (1.25 GBP)

All other Spread Combinations (Globex only): 0.000025 GBP per EUR (3.125 GBP)

Contract month listings

First 3 consecutive months and 6 months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

EUR/GBP OPTIONS

Ticker symbol

Quarterly and serial options: RP

Weekly options: 1E-5E

Pricing conventions and calculating cash premiums

A Euro FX/British pound option price quoted as 0.02365 is already quoted in full. The cash price of the option is $0.02365 \times 125,000$ (contract size) = 2,956.25 British pounds.

Minimum price fluctuation (tick)

0.00005 British pounds per euro (6.25 British pounds); also, trades may occur at 0.000025 (3.125 British pounds).

Block minimum threshold: 50

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Three serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov.

Weekly options: Four weekly options are listed at any time.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month. **Weekly options:** Close of trading is on the four nearest Fridays that are not also terminations for quarterly and serial options.

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Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

EUR/JPY FUTURES

Contract size

125,000 euros

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: RY

CME ClearPort: RY

Block minimum threshold (quarterly): 50

Minimum price fluctuation (tick)

Trading can occur in 0.01 Japanese yen per euro increments (1,250 Japanese yen). Also, trades can occur in 0.005 Japanese yen per euro increments (625 Japanese yen) for EUR/JPY futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

EUR/JPY OPTIONS

Ticker symbol

Quarterly and serial options: RY

Weekly options: 1H-5H

Pricing conventions and calculating cash premiums

A Euro FX/Japanese yen option price quoted as 1.70 is already quoted in full. The cash price of the option is $1.70 \times 125,000$ (contract size) = 212,500 Japanese yen.

Minimum price fluctuation (tick)

.01 Japanese yen per euro (1,250 Japanese yen); also, trades may occur at 0.005 (625 Japanese yen), 0.015 (1,875 Japanese yen), 0.025 (3,125 Japanese yen), 0.035 (4,375 Japanese yen) and 0.045 (5,625 Japanese yen), which are less than five ticks of premium.

Block minimum threshold: 50

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Three serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov.

Weekly options: Four weekly options are listed at any time.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month. **Weekly options:** Close of trading is on the four nearest Fridays that are not also terminations for quarterly and serial options.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
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Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

EUR/NOK FUTURES

Contract size

125,000 euros

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: ENK

CME ClearPort: CN

Block minimum threshold (quarterly): 10

Minimum price fluctuation (tick)

Trading can occur in 0.0005 Norwegian krone per euro increments (62.5 Norwegian krone). Also, trades can occur in 0.00025 Norwegian krone per euro increments (31.25 Norwegian krone) for EUR/NOK futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

EUR/SEK FUTURES

Contract size

125,000 euros

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: ESK

CME ClearPort: KE

Block minimum threshold (quarterly): 10

Minimum price fluctuation (tick)

Trading can occur in 0.0005 Swedish krona per euro increments (62.5 Swedish krona). Also, trades can occur in 0.00025 Swedish krona per euro increments (31.25 Swedish krona) for EUR/SEK futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

GBP/JPY FUTURES

Contract size

125,000 British pounds

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: PJY

CME ClearPort: BY

Block minimum threshold (quarterly): 10

Minimum price fluctuation (tick)

Trading can occur in 0.01 Japanese yen per British pound increments (1,250 Japanese yen). Also, trades can occur in 0.005 Japanese yen per British pound increments (625 Japanese yen) for GBP/JPY futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Cross Rates

FX FUTURES AND OPTIONS CONTRACTS

GBP/CHF FUTURES

Contract size

125,000 British pounds

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: PSF

CME ClearPort: BF

Block minimum threshold (quarterly): 10

Minimum price fluctuation (tick)

Trading can occur in 0.0001 Swiss francs per British pound increments (12.5 Swiss francs). Also, trades can occur in 0.00005 Swiss francs per British pound increments (6.25 Swiss francs) for GBP/CHF futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

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Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

BRL/USD FUTURES

Contract size

100,000 Brazilian reais

Settlement

Cash-settled

Position accountability/position limits:

Position accountability trigger levels: 6,000 contracts; position limit: 45,000 contracts for spot month one week prior to termination**

Ticker symbol

CME Globex electronic markets: 6L

CME ClearPort: BR

Block minimum threshold: 50

Minimum price fluctuation (tick)

Trading can occur in \$0.00005 per Brazilian real increments (\$5.00/contract).

Contract month listings

Consecutive contract months out 5 years

Last trading day

On the last business day of the month, at 9:15 a.m. CT, immediately preceding the contract month, on which the Central Bank of Brazil is scheduled to publish its final end-of-month (EOM), "Commercial exchange rate for Brazilian reais per U.S. dollar for cash delivery" (PTAX rate).

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

BRL/USD OPTIONS

Ticker symbol

Monthly options: BR

Weekly options: 1R-5R

Pricing conventions and calculating cash premiums

A Brazilian real option price quoted as 0.05250 is already quoted in full. The cash price of the option is $0.05250 \times 100,000$ (contract size) = \$5,250.00.

Minimum price fluctuation (tick)

\$0.00005 per Brazilian real = \$5.00/contract

Block minimum threshold: 50

Contract listings

Monthly options: Twelve consecutive contract months.

Weekly options: Four weekly options are listed at any time.

Expiration/last trading day

Monthly options: Close of trading is the same as the underlying futures contract.

Weekly options: Close of trading is on the four nearest Fridays that are not also terminations for monthly options.

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

CLP/USD FUTURES

Contract size

50,000,000 Chilean pesos

Settlement

Cash-settled

Position limits:

Position limit: 10,000 contracts in all months
combined position limit: 5,000 contracts for
spot month*

Ticker symbol

CME Globex electronic markets: CHP

CME ClearPort: CHP

Block minimum threshold: 10

Minimum price fluctuation (tick)

Trading can occur in \$0.0000001 per Chilean peso increments
(\$5.00/contract).

Contract month listings

Twelve consecutive contract months and the next four March quarterly
cycle months

Last trading day

Trading ceases at 9:15 a.m. Chicago time on the last Santiago business day
of the month preceding the expiring contract month

* Position Limits: Size of position may not exceed the indicated number of contracts, i.e., a finite limit

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

CNY/EUR FUTURES

Contract size

1,000,000 Chinese renminbi (CNY)

Settlement

Cash-settled

Position accountability/position limits:

Position accountability trigger levels: 6,000 contracts; position limit: 2,000 contracts for spot month**

Ticker symbol

CME Globex electronic markets: RME

CME ClearPort: RME

Block minimum threshold: 10

Minimum price fluctuation (tick)

Trading can occur in 0.00001 euros per Chinese renminbi increments (10 euros). Also, trades can occur in 0.000005 euros per Chinese renminbi increments (5 euros) for CNY/EUR futures intra-currency spreads executed electronically.

Contract month listings

Thirteen consecutive calendar months plus two deferred March quarterly cycle contract months.

Last trading day

Trading ceases at 9:00 a.m. Beijing time on 2nd Beijing business day intermediately preceding 3rd Wednesday of the contract month (i.e., in Chicago, 7:00 p.m. CT on Sunday night during the winter and 8:00 p.m. CT on Sunday night during the summer).

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

CNY/EUR OPTIONS

Ticker symbol

Monthly options: RME

Weekly options: RE1-RE5

Minimum price fluctuation (tick)

0.00001 euros per Chinese renminbi (10 euros); also, trades may occur at 0.000005 (5 euros), 0.000015 (15 euros), 0.000025 (25 euros), 0.000035 (35 euros) and 0.000045 (45 euros), which are less than five ticks of premium.

Contract listings

Monthly options: Twelve consecutive contract months.

Weekly options: Four weekly options are listed at any time.

Block minimum threshold: 20

Expiration/last trading day

Monthly options: Close of trading is the same as the underlying futures contract. **Weekly options:** Close of trading is on the four nearest Fridays that are not also terminations for monthly options.

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

CNY/USD FUTURES

Contract size

1,000,000 Chinese renminbi (CNY)

Settlement

Cash-settled

Position accountability/position limits:

Position accountability trigger levels: 6,000 contracts; position limit: 2,000 contracts for spot month**

Ticker symbol

CME Globex electronic markets: RMB

CME ClearPort: RMB

Block Minimum Threshold: 10

Minimum price fluctuation (tick)

Trading can occur in \$0.00001 per Chinese renminbi increments (\$10.00/contract). Also, trades can occur in \$0.000005 per Chinese renminbi increments (\$5.00/contract) for CNY/USD futures intra-currency spreads executed electronically.

Contract month listings

Thirteen consecutive calendar months plus eight deferred March quarterly cycle contract months.

Last trading day

Trading ceases at 9:00 a.m. Beijing time on 2nd Beijing business day intermediately preceding 3rd Wednesday of the contract month (i.e., in Chicago, 7:00 p.m. CT on Sunday night during the winter and 8:00 p.m. CT on Sunday night during the summer).

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

CNY/USD OPTIONS

Ticker symbol

Monthly options: RMB

Weekly options: RB1-RB5

Minimum price fluctuation (tick)

\$0.00001 per Chinese renminbi = \$10.00/contract; also, trades may occur at \$0.000005 (\$5.00), \$0.000015 (\$15.00), \$0.000025 (\$25.00), \$0.000035 (\$35.00) and \$0.000045 (\$45.00), which are less than five ticks of premium.

Block minimum threshold: 20

Contract listings

Monthly options: Twelve consecutive contract months.

Weekly options: Four weekly options are listed at any time.

Expiration/last trading day

Monthly options: Close of trading is the same as the underlying futures contract. **Weekly options:** Close of trading is on the four nearest Fridays that are not also terminations for monthly options.

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

CZK/USD FUTURES

Contract size

4,000,000 Czech koruna

Settlement

Physical delivery

Position accountability/position limits:

Position accountability trigger level: 6,000 contracts; position limit: 2,000 contracts for spot month**

Ticker symbol

CME Globex electronic markets: CZK

CME ClearPort: CZ

Block minimum threshold: 10

Minimum price fluctuation (tick)

Trading can occur in \$0.000002 per Czech koruna increments (\$8.00/contract). Also, trades can occur in \$0.000001 per Czech koruna increments (\$4.00/contract) for CZK/USD futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

CZK/USD OPTIONS

Ticker symbol

Quarterly and serial options: CKO

Pricing conventions and calculating cash premiums

\$0.000002 per Czech koruna = \$8.00/contract; also, trades may occur at \$0.000001 (\$4.00), \$0.000003 (\$12.00), \$0.000005 (\$20.00), \$0.000007 (\$28.00) and \$0.000009 (\$36.00), which are less than five ticks of premium.

Block minimum threshold: 20

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Three serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov.

Weekly options: Weekly options are not currently listed.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
Please visit cmegroup.com/10am for more information.

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

CZK/EUR FUTURES

Contract size

4,000,000 Czech koruna

Settlement

Physical delivery

Position accountability/position limits:

Position accountability trigger level: 6,000 contracts; position limit: 2,000 contracts for spot month**

Ticker symbol

CME Globex electronic markets: ECK

CME ClearPort: K

Block minimum threshold: 10**Minimum price fluctuation (tick)**

Trading can occur in 0.000002 euros per Czech koruna increments (8 euros/contract). Also, trades can occur in 0.000001 euros per Czech koruna increments (4 euros/contract) for CZK/EUR futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

CZK/EUR OPTIONS

Ticker symbol

Quarterly and serial options: ECZ

Pricing conventions and calculating cash premiums

0.000002 euros per Czech koruna (8 euros); also, trades may occur at 0.000001 (4 euros), 0.000003 (12 euros), 0.000005 (20 euros), 0.000007 (28 euros) and 0.000009 (36 euros), which are less than five ticks of premium.

Block minimum threshold: 20

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Three serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov.

Weekly options: Weekly options are not currently listed.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month.

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Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

HUF/USD FUTURES

Contract size

30,000,000 Hungarian forint

Settlement

Physical delivery

Position accountability/position limits:

Position accountability trigger level: 6,000 contracts; position limit: 2,000 contracts for spot month**

Ticker symbol

CME Globex electronic markets: HUF

CME ClearPort: FR

Block minimum threshold: 10**Minimum price fluctuation (tick)**

Trading can occur in \$0.0000002 per Hungarian forint increments (\$6.00/contract). Also, trades can occur in \$0.0000001 per Hungarian forint increments (\$3.00/contract) for HUF/USD futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

HUF/USD OPTIONS

Ticker symbol

Quarterly and serial options: HFO

Pricing conventions and calculating cash premiums

\$0.0000002 per Hungarian forint = \$6.00/contract; also, trades may occur at \$0.0000001 (\$3.00), \$0.0000003 (\$9.00), \$0.0000005 (\$15.00), \$0.0000007 (\$21.00) and \$0.0000009 (\$27.00), which are less than five ticks of premium.

Block minimum threshold: 20

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Three serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov.

Weekly options: Weekly options are not currently listed.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
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Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

HUF/EUR FUTURES

Contract size

30,000,000 Hungarian forint

Settlement

Physical delivery

Position accountability/position limits:

Position accountability trigger level: 6,000 contracts; position limit: 2,000 contracts for spot month**

Ticker symbol

CME Globex electronic markets: EHF

CME ClearPort: R

Block minimum threshold: 10**Minimum price fluctuation (tick)**

Trading can occur in 0.0000002 euros per Hungarian forint increments (6 euros/contract). Also, trades can occur in 0.0000001 euros per Hungarian forint increments (3 euros/contract) for HUF/EUR futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday)

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

HUF/EUR OPTIONS

Ticker symbol

Quarterly and serial options: EHU

Pricing conventions and calculating cash premiums

0.0000002 euros per Hungarian forint (6 euros); also, trades may occur at 0.0000001 (3 euros), 0.0000003 (9 euros), 0.0000005 (15 euros), 0.0000007 (21 euros) and 0.0000009 (27 euros), which are less than five ticks of premium.

Block minimum threshold: 20

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Three serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov.

Weekly options: Weekly options are not currently listed.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
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Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

ILS/USD FUTURES

Contract size

1,000,000 Israeli shekel

Settlement

Physical delivery

Position accountability/position limits:

Position accountability trigger level: 6,000 contracts; position limit: 2,000 contracts for spot month**

Ticker symbol

CME Globex electronic markets: ILS

CME ClearPort: IS

Block minimum threshold: 10**Minimum price fluctuation (tick)**

Trading can occur in \$0.00001 per Israeli shekel increments (\$10.00/contract). Also, trades can occur in \$0.000005 per ILS/USD increments (\$5.00/contract) for Israeli shekel futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

ILS/USD OPTIONS

Ticker symbol

Quarterly and serial options: ILS

Weekly options: IS1-IS5

Pricing conventions and calculating cash premiums

\$0.00001 per Israeli shekel = \$10.00/contract; also, trades may occur at \$0.000005 (\$5.00), \$0.000015 (\$15.00), \$0.000025 (\$25.00), \$0.000035 (\$35.00) and \$0.000045 (\$45.00), which are less than five ticks of premium.

Block minimum threshold: 20

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Three serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov.

Weekly options: Four weekly options are listed at any time.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Thursday immediately preceding the third Wednesday of the contract month. **Weekly options:** Close of trading is on the four nearest Thursdays that are not also terminations for quarterly and serial options.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
Please visit cmegroup.com/10am for more information.

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

INR/USD FUTURES

Contract size

5,000,000 Indian rupees

Settlement

Cash-settled

Position accountability/position limits:

Position accountability trigger levels: 6,000 contracts; position limit: 20,000 contracts for spot month**

Ticker symbol

CME Globex electronic markets: SIR

CME ClearPort: SIR

Block minimum threshold: 10**Minimum price fluctuation (tick)**

\$0.01 cents per 100 Indian rupee increments (\$5.00 per contract).

Also trades can occur in \$0.005 cents per 100 Indian rupee increments (\$2.50 per contract) for INR/USD futures intra-currency spreads executed electronically.

Contract month listings

Twelve consecutive calendar months plus four deferred March quarterly cycle months (Mar, Jun, Sep, Dec)

Last trading day

Trading classes at 12:00 p.m. noon Mumbai time two Indian business days immediately preceding the last Indian business day of the contract month.

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

KRW/USD FUTURES

Contract size

125,000,000 Korean won

Settlement

Cash-settled

Position accountability/position limits:

Position accountability trigger levels: 6,000 contracts; position limit: 2,000 contracts for spot month**

Ticker symbol

CME Globex electronic markets: KRW

CME ClearPort: KRW

Minimum price fluctuation (tick)

Trading can occur in \$0.0000001 per Korean won increments (\$12.50/contract).

Block minimum threshold: 10**Contract month listings**

Thirteen consecutive calendar months plus two deferred March quarterly cycle contract months

Last trading day

Trading ceases at 3:30 p.m. Seoul time on the second business day immediately preceding the third Wednesday of the contract month (usually Monday) which would either be 12:30 a.m. (winter) or 1:30 a.m. CT on the second business day preceding the third Wednesday of the contract month (usually Monday evening CT).

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

KRW/USD OPTIONS

Ticker symbol

Monthly options: KRW

Weekly options: KR1-KR5

Pricing conventions and calculating cash premiums

\$0.0000001 per Korean won = \$12.50/contract

Contract listings

Monthly options: Twelve consecutive contract months.

Weekly options: Four weekly options are listed at any time.

Expiration/last trading day

Monthly options: Close of trading is the same as the underlying futures contract.

Weekly options: Close of trading is on the four nearest Fridays that are not also terminations for monthly options.

Block minimum threshold: 20

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

MXN/USD FUTURES

Contract size

500,000 Mexican pesos

Settlement

Physical delivery

Position accountability

6,000 contracts

Ticker symbol

CME Globex electronic markets: 6M

CME ClearPort: MP

Minimum price fluctuation (tick)

Trading can occur in \$0.00001 per Mexican peso increments (\$5.00/contract)

Block minimum threshold: 100**Contract month listings**

Thirteen consecutive calendar months plus two deferred March quarterly cycle contract months

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

MXN/USD OPTIONS

Ticker symbol

Quarterly and serial options: Open Outcry: MP;

Globex: 6M

Weekly options: 1M-5M

Pricing conventions and calculating cash premiums

A Mexican peso option price quoted as 10.50 is equivalent to $10.50 \times 0.0001 = \$0.00001$ when the price is quoted in full. Similarly, a Mexican peso option price quoted as 1050 is equivalent to $1050 \times 0.000001 = 0.001050$ when the price is quoted in full. The cash price of the option is $0.001050 \times 500,000$ (contract size) = \$525.00.

Block minimum threshold: 50

Minimum price fluctuation (tick)

\$0.00001 per Mexican peso = \$5.00/contract

Contract listings

Quarterly/serial options: Twelve consecutive contract months.

Weekly options: Four weekly options are listed at any time.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month.

Weekly options: Close of trading is on the four nearest Fridays that are not also terminations for quarterly and serial options.

To better align with OTC market conventions, option expirations now expire at 12:30 p.m. ET (11:30 a.m. CT).
Please visit cmegroup.com/10am for more information.

Emerging Markets

USD/MXN† FX LINK

Trading venue/hours

CME Globex:
Sunday – Friday,
5:00 p.m. – 4:00 p.m.
Chicago Time (CT), with
a 60-minute break each
day beginning at 5:00 p.m.
(4:00 p.m. CT).

Basis spread quotation

Quoted and traded as the difference between futures and spot as represented with both legs in OTC price convention.

Basis spread construction

The buyer of the spread buys CME FX futures and sells OTC Spot FX, while the seller sells CME FX futures and buys OTC Spot FX.

For FX futures currency pairs that are quoted inverse to OTC FX convention†, the buyer of the spread sells FX futures and sells OTC FX spot and vice versa for a seller of spreads in the above listed pairs.

Min order quantity = 15 spreads

Spread listing schedule

Spreads vs. front three FX futures expiration months. New spreads added 10 business days prior to the last trade date of an expiring CME FX Futures.

Currency Pair	USD/MXN
Spread Minimum Price Increment	0.00001
Spread Notional (per leg)	500,000 MXN

Spot leg specifications

Currency Pairing	Value Date	Minimum Price Increment*	Spot Notional Per One Spread**
USD/MXN	T+2	0.00001 (0.1 pip)	500,000 MXN

Futures leg specifications***

Product Code	Contract Size	Futures Quotation	Tick
6M	500,000 MXN	USD per MXN	0.00001 (5.00 USD)

* The minimum price increment ("MPI") of a spot FX transaction is separate and distinct from and is not necessarily a reflection of the MPI of a spot FX basis trade, which the Exchange shall determine.

** The spot notional per one spread for the USD/CAD, USD/CHF, USD/JPY, and USD/MXN currency pairings shall be defined in terms of the quote, or term, currency of each pairing rather than the base currency since the CME pricing and notional convention for related CME FX futures contracts is inverted from the over-the-counter ("OTC") convention.

*** Full product specifications for existing CME FX futures contracts are available on www.cmegroup.com/fx and in CME's Rulebook.

† Inverse Pairs: JPY/USD, CAD/USD, MXN/USD, CHF/USD

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

PLN/USD FUTURES

Contract size

500,000 Polish zloty

Settlement

Physical delivery

Position accountability/position limits:

Position accountability trigger levels: 6,000 contracts; position limit: 2,000 contracts for spot month**

Ticker symbol

CME Globex Electronic Markets: PLN

CME ClearPort: PZ

Block minimum threshold: 10**Minimum price fluctuation (tick)**

Trading can occur in \$0.00002 per Polish zloty increments (\$10.00/contract). Also, trades can occur in \$0.00001 per Polish zloty increments (\$5.00/contract) for PLN/USD futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

PLN/USD OPTIONS

Ticker symbol

Quarterly and serial options: PLZ

Pricing conventions and calculating cash premiums

\$0.00002 per Polish zloty = \$10.00/contract; also, trades may occur at \$0.00001 (\$5.00), \$0.00003 (\$15.00), \$0.00005 (\$25.00), \$0.00007 (\$35.00) and \$0.00009 (\$45.00), which are less than five ticks of premium.

Block minimum threshold: 20

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Three serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov.

Weekly options: Weekly options are not currently listed.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
Please visit cmegroup.com/10am for more information.

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

PLN/EUR FUTURES

Contract size

500,000 Polish zloty

Settlement

Physical delivery

Position accountability/position limits:

Position accountability trigger levels: 6,000 contracts; position limit: 2,000 contracts for spot month**

Ticker symbol

CME Globex Electronic Markets: EPZ

CME ClearPort: Z

Block minimum threshold: 10**Minimum price fluctuation (tick)**

Trading can occur in 0.00002 euros per Polish zloty increments (10 euros). Also, trades can occur in 0.00001 euros per Polish zloty increments (5 euros) for PLN/EUR futures intra-currency spreads executed electronically.

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

PLN/EUR OPTIONS

Ticker symbol

Quarterly and serial options: EPL

Pricing conventions and calculating cash premiums

0.00002 euros per Polish zloty (10 euros); also, trades may occur at 0.00001 (5 euros), 0.00003 (15 euros), 0.00005 (25 euros), 0.00007 (35 euros), 0.00009 (45 euros), which are less than five ticks of premium.

Block Minimum Threshold: 20

Contract listings

Quarterly options: The first four months in the March quarterly cycle. **Serial options:** Three serial options are listed at any time. Their expirations precede that of the underlying futures contract by one and two months. For example, following the expiration of the March futures and options cycle, April and May serial options on the front June futures contract are still available for trading. Consequently, the serial option expirations fall in Jan, Feb, Apr, May, Jul, Aug, Oct and Nov.

Weekly options: Weekly options are not currently listed.

Expiration/last trading day

Quarterly and serial options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
Please visit cmegroup.com/10am for more information.

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

RUB/USD FUTURES

Contract size

2,500,000 Russian rubles

Settlement

Cash-settled

Position limits:

Position limits: 60,000 contracts in all months combined; 20,000 contracts for spot month on week prior to termination.*

Ticker symbol

CME Globex Electronic Markets: 6R

CME ClearPort: RU

Minimum price fluctuation (tick)

Trading can occur in \$0.000005 per Russian ruble increments (\$12.50/contract).

Block minimum threshold: 50**Contract month listings**

Twenty months in the March quarterly cycle (Mar, Jun, Sep, Dec) plus 8 serial months

Last trading day

Trading ceases at 11:00 a.m. Moscow time on the fifteenth business day of the month, or, if not a business day, on the next business day for the Moscow interbank foreign exchange market.

* Position Limits: Size of position may not exceed the indicated number of contracts, i.e., a finite limit

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

RUB/USD OPTIONS

Ticker symbol

Quarterly and serial options: Open Outcry: RU; Globex: 6R

Weekly options: Open Outcry: RU1-RU5; Globex: 6R1-6R5

Pricing conventions and calculating cash premiums

A Russian ruble option price quoted as 4.3 is equivalent to $4.3 \times 0.0001 = 0.00043$ when the price is quoted in full. The cash price of the option is $0.00043 \times 2,500,000$ (contract size) = \$1,075.

Minimum price fluctuation (tick)

\$0.000002 per Russian ruble = \$5.00/contract; trades may occur at \$0.000001 (\$2.50)

Contract listings

Monthly options: Twelve consecutive contract months.

Weekly options: Four weekly options are listed at any time.

Block minimum threshold: 50

Expiration/last trading day

Monthly options: Close of trading is two business days prior to the 15th of the month.

Weekly options: Close of trading is on the four nearest Fridays that are not also terminations for monthly options.

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

USD/CLP FUTURES

Contract size

100,000 U.S. dollars

Settlement

Cash Settled

Position limits:

Position limit: 10,000 contracts in all months
combined position limit: 5,000 contracts for
spot month*

Ticker symbol

CHL

Minimum price fluctuation (tick)

Trading can occur in 0.01 Chilean pesos per U.S. dollar increments
(1,000 CLP/contract)

Block minimum threshold: 10**Contract month listings**

Twelve consecutive calendar month contracts plus a second year in the
March quarterly cycle

Last trading day

Trading ceases at 9:15 a.m. Chicago time on the last Santiago business day
of the month preceding the expiring contract month.

* Position Limits: Size of position may not exceed the indicated number of contracts, i.e., a finite limit

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

USD/CNH FUTURES

Contract size

100,000 U.S. dollars

Settlement

Cash-settled

Position limits

10,000 in all months combined; 5,000 for spot month on week prior to termination.*

Ticker symbol

CME Globex electronic markets: CNH

CME ClearPort: CNH

Block minimum threshold: 10

Minimum price fluctuation (tick)

Trading can occur in 0.0001 offshore Chinese renminbi per U.S. dollar increments (10 RMB/contract). Also, trades can occur in 0.00005 offshore Chinese renminbi per U.S. dollar increments (5 CNH/contract) for USD/CNH futures intra-currency spreads executed electronically.

Contract month listings

Thirteen consecutive calendar months plus eight deferred March quarterly cycle contract months

Last trading day

Trading ceases at 11:00 a.m. Hong Kong time on the second Hong Kong business day immediately preceding the third Wednesday of the contract month (i.e., in Chicago, 9:00 p.m. CT on Sunday night during the winter and 10:00 p.m. CT on Sunday night during the summer.)

* Position Limits: Size of position may not exceed the indicated number of contracts, i.e., a finite limit

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

TRY/USD FUTURES

Contract size

1,000,000 TRY

Settlement

Physical delivery

Position accountability/position limits:

Position accountability trigger levels: 6,000 futures-equivalent contracts; position limit: 2,000 futures-equivalent contracts for spot month**

Ticker symbol

TRL

Block minimum threshold: 10**Minimum price fluctuation (tick)**

Trading in outright contracts can occur at \$0.000005 per Turkish lira (\$5.00/contract)

Trading in spreads can occur at \$0.000001 per Turkish lira (\$1.00/contract)

Contract month listings

Six months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading terminates at 4:00 p.m. London time on the 2nd Business Day immediately preceding the third Wednesday of the contract month.

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

USD/ZAR FUTURES

Contract size

100,000 U.S. dollars

Settlement

Physical delivery

Position accountability/position limits:

Position accountability trigger levels: 6,000 contracts; position limit: 20,000 contracts for spot month**

Ticker symbol

ZAR

Minimum price fluctuation (tick)

Trading can occur in 0.0001 South African rand per U.S. dollar increments (10 ZAR/contract). Also, trades can occur in 0.00005 South African rand per U.S. dollar increments (5 ZAR/contract) for USD/ZAR futures intra-currency spreads executed electronically.

Block minimum threshold: 10**Contract month listings**

Thirteen consecutive calendar months plus four deferred March quarterly cycle contract months

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

ZAR/USD FUTURES

Contract size

500,000 South African rand

Settlement

Physical delivery

Position accountability/position limits:

Position accountability trigger levels: 6,000 futures-equivalent contracts; position limit: 20,000 futures-equivalent contracts for spot month**

Ticker symbol

CME Globex Electronic Markets: 6Z

CME ClearPort: RA

Block minimum threshold: 50**Minimum price fluctuation (tick)**

Trading can occur in \$0.000025 per South African rand increments (\$12.50/contract).

Contract month listings

Thirteen consecutive calendar months plus two deferred March quarterly cycle contract months

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Emerging Markets

FX FUTURES AND OPTIONS CONTRACTS

ZAR/USD OPTIONS

Ticker symbol

Quarterly and serial options: RA

Weekly options: 1N-5N

Pricing conventions and calculating cash premiums

A South African rand option price quoted as 11.75 is equivalent to $11.75 \times 0.0001 = 0.001175$ when the price is quoted in full. Similarly, a South African rand option price quoted as 1175 is equivalent to $1175 \times 0.000001 = 0.001175$ when the price is quoted in full. The cash price of the option is $0.001175 \times 500,000$ (contract size) = \$587.50.

Minimum price fluctuation (tick)

\$0.00001 per South African rand = \$5.00/contract; trades may occur at \$0.000005 (\$2.50).

Block minimum threshold: 50

Contract listings

Monthly options: Twelve consecutive contract months.

Weekly options: Four weekly options are listed at any time.

Expiration/last trading day

Monthly options: Close of trading is on the second Friday immediately preceding the third Wednesday of the contract month.

Weekly options: Close of trading is on the four nearest Fridays that are not also terminations for monthly options.

To better align with OTC market conventions, option expirations now expire at 10 a.m. ET (9 a.m. CT).
Please visit cmegroup.com/10am for more information.

Micros and Minis

FX FUTURES CONTRACTS

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Micros

FX FUTURES CONTRACTS

MICRO AUD/USD FUTURES

Contract size

10,000 Australian dollars

Settlement

Physical Delivery

Position accountability

60,000 Micro contracts

Ticker Symbol

CME Globex electronic markets: M6A

CME ClearPort: M6A

Minimum price fluctuation (tick)

0.0001 USD/AUD (= US \$1.00)

Contract value

If USD/AUD = 0.6600, then contract = US \$6,600

(= 10,000 AUD x US \$0.6600/AUD)

Contract month listings

Two months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Micros

FX FUTURES CONTRACTS

MICRO CAD/USD FUTURES

Contract size

10,000 Canadian dollars

Settlement

Physical delivery

Position accountability

60,000 Micro contracts

Ticker Symbol

CME Globex electronic markets: MCD

CME ClearPort: MCD

Minimum price fluctuation (tick)

0.0001 USD/CAD (= US \$1.00)

Contract value

If USD/CAD = 0.9524, then contract = \$9,524 (=10,000 CAD x \$0.9524/CAD)

Contract month listings

Two months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Micros

FX FUTURES CONTRACTS

MICRO EUR/USD FUTURES

Contract size

62,500 euros

Settlement

Physical delivery

Position accountability

20,000 contracts

Ticker symbol

CME Globex Electronic Markets: E7

CME ClearPort: E7

Minimum price fluctuation (tick)

\$0.00010 per euro increments (\$6.25/contract)

\$0.00005 per euro increments (\$3.125/contract)

Euro/U.S. dollar futures intra-currency spreads

Contract month listings

Two months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Mini

FX FUTURES CONTRACTS

MINI EUR/USD FUTURES

Contract size

12,500 euros

Settlement

Physical delivery

Position accountability

100,000 Micro contracts

Ticker symbol

CME Globex Electronic Markets: M6E

CME ClearPort: M6E

Minimum price fluctuation (tick)

0.0001 USD/EUR (= US \$1.25)

Contract value

If USD/EUR = 1.3000, then contract = \$16,250 (= €12,500 x \$1.3000/€)

Contract month listings

Two months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Micros

FX FUTURES CONTRACTS

MICRO GBP/USD FUTURES

Contract size

6,250 British pounds

Settlement

Physical delivery

Position accountability

100,000 Micro contracts

Ticker symbol

CME Globex Electronic Markets: M6B

CME ClearPort: M6B

Minimum price fluctuation (tick)

0.0001 USD/GBP (= US \$0.625)

Contract value

If USD/GBP = 1.5000, then contract = \$9,375 (= £6,250 x \$1.5000/£)

Contract month listings

Two months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Micros

FX FUTURES CONTRACTS

MICRO INR/USD FUTURES

Contract size

1,000,000 Indian rupees

Settlement

Cash-settled

Position accountability

Position accountability trigger levels:
30,000 Micro contracts; position limit:
100,000 Micro contracts**

Ticker symbol

CME Globex Electronic Markets: MIR

CME ClearPort: MIR

Minimum price fluctuation (tick)

\$0.01 cents per 100 Indian rupee increments (\$1.00 per contract). Also trades can occur in \$0.005 cents per 100 Indian rupee increments (\$0.50 per contract) for INR/USD futures intra-currency spreads executed electronically.

Contract value

If USD/INR = 182.34 U.S. cents per 100 rupee, then contract = \$18,234
(=1,000,000 INR x 0.018234 USD/INR)

Contract month listings

Twelve consecutive contract months

Last trading day

Trading classes at 12:00 p.m. noon Mumbai time two Indian business days immediately preceding the last Indian business day of the contract month.

*** Position Accountability and Spot Month Position Limit: Whenever a person owns or controls more than a specified number of contracts net long or short in all contract months combined (Position Accountability Trigger Level), such person will provide in a timely fashion, upon request by CME Group Market Regulation, information about the nature of the position, trading strategy, and hedging information, if applicable. Therefore, overall positions do not have a finite limit. Spot Month Position Limit: However, a position held in the expiring contract month may not exceed the spot month position limit on or after the business day one week before termination of trading.*

Mini

FX FUTURES CONTRACTS

MINI JPY/USD FUTURES

Contract size

6,250,000 Japanese yen

Settlement

Physical delivery

Position accountability

20,000 contracts

Ticker Symbol

CME Globex electronic markets: J7

CME ClearPort: J7

Minimum price fluctuation (tick)

\$0.000001 per Japanese yen increments
(\$6.25/contract)

Contract month listings

Two months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Micros

FX FUTURES CONTRACTS

MICRO JPY/USD FUTURES

Contract size

1,250,000 Japanese yen

Settlement

Physical delivery

Position accountability

100,000 Micro contracts

Ticker symbol

CME Globex electronic markets: MJY

CME ClearPort: MJY

Minimum price fluctuation (tick)

0.000001 USD/JPY (= US \$1.25)

Contract value

If USD/JPY = 0.011765, then contract = \$14,706 (= ¥ 1,250,000 x \$0.011765/¥)

Contract month listings

Two months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday)

Micros

FX FUTURES CONTRACTS

MICRO CHF/USD FUTURES

Contract size

12,500 Swiss francs

Settlement

Physical delivery

Position accountability

100,000 Micro contracts

Ticker symbol

CME Globex electronic markets: MSF

CME ClearPort: MSF

Minimum price fluctuation (tick)

0.0001 USD/CHF (= US \$1.25)

Contract value

If USD/CHF = 1.0256, then contract = \$12,820 (= 12,500 CHF x \$1.0256/CHF)

Contract month listings

Two months in the March quarterly cycle (Mar, Jun, Sep, Dec)

Last trading day

Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday).

Micros

FX FUTURES CONTRACTS

MICRO USD/CNH FUTURES

Contract size

10,000 U.S. dollars

Settlement

Cash-settled

Position limits:

10,000 in all months combined; 5,000 for spot month on week prior to termination.*

Ticker symbol

CME Globex electronic markets: MNH

CME ClearPort: MNH

Minimum price fluctuation (tick)

0.0001 CNH/USD (= 1 CNH)

Contract value

If CNH/USD = 6.483, then contract = 64,830 CNH
(= \$10,000 x 6.483 CNH/USD)

Contract month listings

Twelve consecutive contract months

Last trading day

Trading ceases at 11:00 a.m. Hong Kong time on the second Hong Kong business day immediately preceding the third Wednesday of the contract month (i.e., in Chicago, 9:00 p.m. CT on Sunday night during the winter and 10:00 p.m. CT on Sunday night during the summer).

* Position Limits: Size of position may not exceed the indicated number of contracts, i.e., a finite limit

2021 Holiday Calendar

2021 Economic Release Calendar

A month-by-month guide to 2021 contract expiration and delivery dates, economic releases and CME Group holidays can be found at: cmegroup.com/education/econ_calendar

Please note: 2021 dates are subject to change.

2021 Options Expiration Calendar

All the dates and codes you need, available as they roll on and roll off: cmegroup.com/tools-information/quickstrike/options-calendar-fx.html

2021 holiday trading hours

CME Globex^{*}

New Year's

Friday, Jan 1

New Year's Day – Globex closed

Sunday, Jan 3

1700 CT / 1800 ET / 2300 UTC – Regular open for trade date Monday, Jan 4

Martin Luther King Jr. Day

Sunday, Jan 17

1700 CT / 1800 ET / 2200 UTC – Regular open for trade date Tuesday, Jan 19

Monday, Jan 18

1200 CT / 1300 ET / 1700 UTC – Trading halt (pre-open)

1700 CT / 1800 ET / 2200 UTC – Products resume trading

Presidents' Day

Sunday, Feb 14

1700 CT / 1800 ET / 2300 UTC – Regular open for trade date Tuesday, Feb 16

Monday, Feb 15

1200 CT / 1300 ET / 1800 UTC – Trading halt (pre-open)

1700 CT / 1800 ET / 2300 UTC – Products resume trading

Good Friday

Friday, April 2

1015 CT / 1115 ET / 1515 UTC – Early close

Sunday, April 4

1700 CT / 1800 ET / 2200 UTC – Regular open for trade date Monday, April 5

Memorial Day

Sunday, May 30

1700 CT / 1800 ET / 2200 UTC – Regular open for trade date Tuesday, June 1

Monday, May 31

1200 CT / 1300 ET / 1700 UTC – Trading halt (pre-open)

1700 CT / 1800 ET / 2200 UTC – Products resume trading

Independence Day

Sunday, July 4

1700 CT / 1800 ET / 2200 UTC – Regular open for trade date Tuesday, July 6

Monday, July 5

1200 CT / 1300 ET / 1700 UTC – Trading halt (pre-open)

1700 CT / 1800 ET / 2200 UTC – Products resume trading

Labor Day

Sunday, Sep 5

1700 CT / 1800 ET / 2200 UTC – Regular open for trade date Tuesday, Sep 7

Monday, Sep 6

1200 CT / 1300 ET / 1700 UTC – Trading halt (pre-open)

1700 CT / 1800 ET / 2200 UTC – Products resume trading

Thanksgiving

Thursday, Nov 25

1200 CT / 1300 ET / 1800 UTC – Trading halt (pre-open)

1700 CT / 1800 ET / 2300 UTC – Products resume trading

Friday, Nov 26

1215 CT / 1315 ET / 1815 UTC – Early close

Christmas

Friday, Dec 24

Christmas Day Observed – Globex closed

Sunday, Dec 26

1700 CT / 1800 ET / 2300 UTC – Regular open for trade date Monday, Dec 27

New Year's (2022)

Friday, December 31

New Year's Day Observed – Globex closed

Sunday, Jan 2

1700 CT / 1800 ET / 2300 UTC – Regular open for trade date Monday, Jan 3

* Note: This schedule is subject to change. Trading hours are usually finalized approximately two weeks prior to the holiday.

CME Group ClearPort holiday schedule for 2021*

All times are eastern standard time

HOLIDAY	DATE	DATE ON WHICH CME CLEARPORT DOES NOT OPEN	DATE AND TIME CME CLEARPORT OPENS
Martin Luther King Jr. Day	Monday, Jan 18	–	Unaffected and will run on a normal schedule for the next day's trade date
Presidents' Day	Monday, Feb 15	–	Unaffected and will run on a normal schedule for the next day's trade date
Good Friday	Friday, April 2	–	Thursday, April 1, opens at 18:00 ET until 11:30 ET Friday, April 2 for Interest Rates, Equity Indices and FX only Sunday, April 4 at 18:00 ET for the next day's trade date
Memorial Day	Monday, May 31	–	Unaffected and will run on a normal schedule for the next day's trade date
Independence Day	Monday, Jul 5	–	Unaffected and will run on a normal schedule for the next day's trade date
Labor Day	Monday, Sep 6	–	Unaffected and will run on a normal schedule for the next day's trade date
Columbus Day	Monday, Oct 11	–	Unaffected and will run on a normal schedule for the next day's trade date
Veterans Day (observed)	Thursday, Nov 11	–	Unaffected and will run on a normal schedule for the next day's trade date
Thanksgiving Day	Thursday, Nov 25	–	Unaffected and will run on a normal schedule for the next day's trade date
Christmas Day	Saturday, Dec 25	Friday, Dec 24, 2021	Sunday, December 26 at 18:00 ET for the next day's trade date
New Year's Day 2022	Saturday, Jan 1	Friday, Dec 31, 2021	Sunday, January 2, 2022 at 18:00 ET for the next day's trade date

* Holiday schedules are subject to input from the New York Stock Exchange (NYSE) and the Securities Industry and Financial Markets Association (SIFMA). CME Globex® holiday hours can be viewed at cmegroup.com/holidaycalendar

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