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

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 outrights and spread combinations covering active IMM forwards and forward rolls

Available to trade on:

Spot light: FX Link

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

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

<table>
<thead>
<tr>
<th>OTC MARKET</th>
<th>CME PRODUCTS</th>
<th>CURRENCY PAIRS SUPPORTED</th>
</tr>
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</table>
| **Swaps**  | FX Link on eight currency pairs | FX Link
AUD/USD, USD/CAD, USD/CHF, EUR/USD, USD/JPY, NZD/USD, GBP/USD, USD/MXN
Calendar spreads in all quarterly/monthly listed FX futures, across 43 currency pairs


<table>
<thead>
<tr>
<th><strong>Spot</strong></th>
<th>Listed FX futures available in quarterly/monthly* contracts, across 43 currency pairs</th>
<th>Listed</th>
</tr>
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<tbody>
<tr>
<td>OTC MARKET</td>
<td>CME PRODUCTS</td>
<td>CURRENCY PAIRS SUPPORTED</td>
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<tr>
<td>------------</td>
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<tr>
<td><strong>NDFs</strong></td>
<td>Listed FX futures available in quarterly/monthly* contracts, across nine NDF currency pairs</td>
<td><strong>Listed</strong> BRL/USD, CLP/USD, CNY/EUR, CNY/USD, INR/USD, KRW/USD, RUB/USD, USD/CLP, USD/CNH</td>
</tr>
<tr>
<td></td>
<td>OTC clearing for 11 NDFs</td>
<td><strong>OTC cleared</strong> USD/BRL, USD/PHP, USD/INR, USD/KRW, USD/CNY, USD/IDR, USD/TWD, USD/CLP, USD/COP, USD/PEN, USD/RUB</td>
</tr>
<tr>
<td><strong>Options</strong></td>
<td>Listed FX options with weekly and monthly expiries on Mon, Weds and/or Fri*, across 24 currency pairs</td>
<td><strong>Listed</strong> 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, TRY/USD, USD/ZAR, ZAR/USD</td>
</tr>
<tr>
<td></td>
<td>FX options OTC clearing, across seven currency pairs</td>
<td><strong>OTC cleared</strong> AUD/USD, EUR/GBP, EUR/USD, GBP/USD, USD/CAD, USD/CHF, USD/JPY</td>
</tr>
</tbody>
</table>

* 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”).

<table>
<thead>
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<th>Majors</th>
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<td>AUD/USD</td>
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<td>CAD/USD</td>
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<td>GBP/USD</td>
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<tr>
<td>NOK/USD</td>
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<td>NZD/USD</td>
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<td>SEK/USD</td>
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<td>CAD/JPY</td>
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<td>CHF/JPY</td>
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<td>EUR/AUD</td>
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<td>EUR/CAD</td>
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<td>EUR/CHF</td>
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<td>EUR/GBP</td>
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<td>EUR/NOK</td>
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<td>GBP/JPY</td>
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<td>• MICRO GBP/USD</td>
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<td>• MICRO INR/USD</td>
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<td>• MICRO JPY/USD</td>
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<td>• MICRO USD/CNH</td>
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## CME Globex trading hours

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<tr>
<th>Time Zone</th>
<th>Sunday</th>
<th>Monday through Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td><strong>CHICAGO</strong></td>
<td>Opens at 5:00 p.m. (for the next trade date) – 4:00 p.m. the next day.</td>
<td>Opens at 5:00 p.m. (for the next trade date) – 4:00 p.m. the next day.</td>
<td>Closes at 4:00 p.m. and reopens Sundays at 5:00 p.m.</td>
</tr>
<tr>
<td><strong>LONDON</strong></td>
<td>Opens at 11:00 p.m. (for the next trade date) – 10:00 p.m. the next day.</td>
<td>Opens at 11:00 p.m. (for the next trade date) – 10:00 p.m. the next day.</td>
<td>Closes at 10:00 p.m. and reopens Sundays at 11:00 p.m.</td>
</tr>
<tr>
<td><strong>SINGAPORE</strong></td>
<td>Opens at 7:00 a.m. – 6:00 a.m. the next day.</td>
<td>Opens at 7:00 a.m. – 6:00 a.m. the next day.</td>
<td>Closes at 6:00 a.m. and reopens Monday at 7:00 a.m.</td>
</tr>
<tr>
<td><strong>TOKYO</strong></td>
<td>Opens at 8:00 a.m. – 7:00 a.m. the next day.</td>
<td>Opens at 8:00 a.m. – 7:00 a.m. the next day.</td>
<td>Closes at 7:00 a.m. and reopens Monday at 8:00 a.m.</td>
</tr>
</tbody>
</table>
## Open outcry trading hours

<table>
<thead>
<tr>
<th>Location</th>
<th>Days</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chicago (Central Time):</strong></td>
<td>Monday through Friday</td>
<td>7:20 a.m. – 2:00 p.m.</td>
</tr>
<tr>
<td><strong>London (GMT):</strong></td>
<td>Monday through Friday</td>
<td>1:20 p.m. – 8:00 p.m.</td>
</tr>
<tr>
<td><strong>Singapore (UTC/GMT+8):</strong></td>
<td>Monday through Friday</td>
<td>9:20 p.m. – 4:00 a.m.</td>
</tr>
<tr>
<td><strong>Tokyo (UTC/GMT+9):</strong></td>
<td>Monday through Friday</td>
<td>10:20 p.m. – 5:00 a.m.</td>
</tr>
</tbody>
</table>

## CME ClearPort trading hours

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

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

**FX FUTURES AND OPTIONS CONTRACTS**

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<tr>
<th>Product</th>
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<td>NOK/USD</td>
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<tr>
<td>NZD/USD</td>
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</tr>
<tr>
<td>SEK/USD</td>
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</tr>
</tbody>
</table>
## 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 outrights from .0001 to .00005 in November 2020.
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 x 0.0001 = 0.00158 when the price is quoted in full. The cash price of the option is $0.0158 x 100,000 (contract size) = $1,580.00.

Minimum price fluctuation (tick)
$0.0001 per Australian dollar = $0.01/contract; also, trades may occur at $0.00005 ($0.50), $0.00015 ($1.50), $0.00025 ($2.50), $0.00035 ($3.50) and $0.00045 ($4.50), 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.
**Audi/USD FX Link**

**Major**

**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.

**Spot Leg Specifications**

<table>
<thead>
<tr>
<th>Currency Pair</th>
<th>Value Date</th>
<th>Minimum Price Increment*</th>
<th>Spot Notional Per One Spread**</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUD/USD</td>
<td>T+2</td>
<td>0.000001 (0.01 pip)</td>
<td>100,000 AUD</td>
</tr>
</tbody>
</table>

**Futures Leg Specifications**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Contract Size</th>
<th>Futures Quotation</th>
<th>Tick</th>
</tr>
</thead>
<tbody>
<tr>
<td>6A</td>
<td>100,000 AUD</td>
<td>USD per AUD</td>
<td>.00005 (5.00 USD)</td>
</tr>
</tbody>
</table>

* 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
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 x 0.01 = 0.0158 when the price is quoted in full. The cash price of the option is 0.0158 x 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.
**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.

<table>
<thead>
<tr>
<th>Currency Pair</th>
<th>Value Date</th>
<th>Minimum Price Increment*</th>
<th>Spot Notional Per One Spread**</th>
</tr>
</thead>
<tbody>
<tr>
<td>USD/CAD</td>
<td>T+1</td>
<td>0.000001 (0.01 pip)</td>
<td>100,000 CAD</td>
</tr>
</tbody>
</table>

**Spot Leg Specifications**

**Futures Leg Specifications***

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Contract Size</th>
<th>Futures Quotation</th>
<th>Tick</th>
</tr>
</thead>
<tbody>
<tr>
<td>6C</td>
<td>100,000 CAD</td>
<td>USD per CAD</td>
<td>0.000005 (5.00 USD)</td>
</tr>
</tbody>
</table>

* 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
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).
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 x 0.01 = 0.0293 when the price is quoted in full. The cash price of the option is 0.0293 x 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.
**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.

<table>
<thead>
<tr>
<th>Currency Pair</th>
<th>USD/CHF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spread Minimum Price Increment</td>
<td>0.000001</td>
</tr>
<tr>
<td>Spread Notional (per leg)</td>
<td>125,000 CHF</td>
</tr>
</tbody>
</table>

**Spot Leg Specifications**

<table>
<thead>
<tr>
<th>Currency Pairing</th>
<th>Value Date</th>
<th>Minimum Price Increment*</th>
<th>Spot Notional Per One Spread**</th>
</tr>
</thead>
<tbody>
<tr>
<td>USD/CHF</td>
<td>T+2</td>
<td>0.0000001 (0.01 pip)</td>
<td>125,000 CHF</td>
</tr>
</tbody>
</table>

**Futures Leg Specifications***

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Contract Size</th>
<th>Futures Quotation</th>
<th>Tick</th>
</tr>
</thead>
<tbody>
<tr>
<td>6S</td>
<td>125,000 CHF</td>
<td>USD per CHF</td>
<td>0.0001 (12.50 USD)</td>
</tr>
</tbody>
</table>

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* 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

<table>
<thead>
<tr>
<th><strong>Contract size</strong></th>
<th>125,000 euros</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Settlement</strong></td>
<td>Physical delivery</td>
</tr>
<tr>
<td><strong>Position accountability</strong></td>
<td>10,000 contracts</td>
</tr>
<tr>
<td><strong>Ticker symbol</strong></td>
<td></td>
</tr>
<tr>
<td>CME Globex electronic markets: 6E</td>
<td></td>
</tr>
<tr>
<td>CME ClearPort: EC</td>
<td></td>
</tr>
<tr>
<td><strong>Block minimum threshold (quarterly):</strong></td>
<td>150</td>
</tr>
<tr>
<td><strong>Block minimum threshold (monthly):</strong></td>
<td>20</td>
</tr>
</tbody>
</table>

#### Minimum price fluctuation (tick)
- **Outrights:** .00005 USD per EUR increments ($6.25 USD)
- **Consecutive Month Spreads:** (Globex only) 0.000001 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).

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The minimum price increment (MPI) was reduced in non-consecutive monthly calendar spreads from 0.5 to 0.2 in August 2019.
Ticker symbol
Quarterly and serial options: EUU; 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 x 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 x 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).

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**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\(^\dagger\), 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.

<table>
<thead>
<tr>
<th>Currency Pair</th>
<th>Spread Minimum Price Increment</th>
<th>Spread Notional (per leg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUR/USD</td>
<td>0.00001</td>
<td>125,000 EUR</td>
</tr>
</tbody>
</table>

**Spot Leg Specifications**

<table>
<thead>
<tr>
<th>Currency Pairing</th>
<th>Value Date</th>
<th>Minimum Price Increment*</th>
<th>Spot Notional Per One Spread**</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUR/USD</td>
<td>T+2</td>
<td>0.00001 (0.01 pip)</td>
<td>125,000 EUR</td>
</tr>
</tbody>
</table>

**Futures Leg Specifications**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Contract Size</th>
<th>Futures Quotation</th>
<th>Tick</th>
</tr>
</thead>
<tbody>
<tr>
<td>6E</td>
<td>125,000 EUR</td>
<td>USD per EUR</td>
<td>0.00005 (6.25 USD)</td>
</tr>
</tbody>
</table>

* 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.

\(^\dagger\) Inverse Pairs: JPY/USD, CAD/USD, MXN/USD, CHF/USD
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.
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 x 0.01 = 0.0196 when the price is quoted in full.
The cash price of the option is 0.0196 x 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).

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**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.

<table>
<thead>
<tr>
<th>Currency Pair</th>
<th>GBP/USD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spread Minimum Price Increment</td>
<td>0.00001</td>
</tr>
<tr>
<td>Spread Notional (per leg)</td>
<td>62,500 GBP</td>
</tr>
</tbody>
</table>

**Spot Leg Specifications**

<table>
<thead>
<tr>
<th>Currency Pairing</th>
<th>Value Date</th>
<th>Minimum Price Increment*</th>
<th>Spot Notional Per One Spread**</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBP/USD</td>
<td>T+2</td>
<td>0.00001 (0.1 pip)</td>
<td>62,500 GBP</td>
</tr>
</tbody>
</table>

**Futures Leg Specifications***

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Contract Size</th>
<th>Futures Quotation</th>
<th>Tick</th>
</tr>
</thead>
<tbody>
<tr>
<td>6B</td>
<td>62,500 GBP</td>
<td>USD per GBP</td>
<td>0.0001 (6.25 USD)</td>
</tr>
</tbody>
</table>

* 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](http://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

**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.
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 ($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.
**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.

<table>
<thead>
<tr>
<th>Currency Pair</th>
<th>USD/JPY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spread Minimum Price Increment</td>
<td>0.01</td>
</tr>
<tr>
<td>Spread Notional (per leg)</td>
<td>12,500,000 JPY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Currency Pairing</th>
<th>Value Date</th>
<th>Minimum Price Increment*</th>
<th>Spot Notional Per One Spread**</th>
</tr>
</thead>
<tbody>
<tr>
<td>USD/JPY</td>
<td>T+2</td>
<td>0.0001 (0.1 pip)</td>
<td>12,500,000 JPY</td>
</tr>
</tbody>
</table>

**Futures Leg Specifications**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Contract Size</th>
<th>Futures Quotation</th>
<th>Tick</th>
</tr>
</thead>
<tbody>
<tr>
<td>6J</td>
<td>12,500,000 JPY</td>
<td>USD per JPY</td>
<td>0.0000005 (6.25 USD)</td>
</tr>
</tbody>
</table>

* 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
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).
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).
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 x 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.

---

**Spot Leg Specifications**

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<tr>
<th>Currency Pairing</th>
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<th>Minimum Price Increment*</th>
<th>Spot Notional Per One Spread**</th>
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<tr>
<td>NZD/USD</td>
<td>T+2</td>
<td>0.000001 (0.1 pip)</td>
<td>100,000 NZD</td>
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**Futures Leg Specifications”**

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<tr>
<td>6N</td>
<td>100,000 NZD</td>
<td>USD per NZD</td>
<td>0.0001 (10.00 USD)</td>
</tr>
</tbody>
</table>

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* 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**

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<td><strong>Block minimum threshold (quarterly):</strong></td>
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<td><strong>Minimum price fluctuation (tick)</strong></td>
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<td><strong>Contract month listings</strong></td>
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<td><strong>Last trading day</strong></td>
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FX FUTURES AND OPTIONS CONTRACTS

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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**

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<td><strong>Settlement</strong></td>
<td>Physical delivery</td>
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<tr>
<td><strong>Position accountability</strong></td>
<td>6,000 contracts</td>
</tr>
</tbody>
</table>
| **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).
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 x 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 x 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.

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/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 x 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). Please visit cmegroup.com/10am for more information.
Cross Rates
FX FUTURES AND OPTIONS CONTRACTS

EUR/NOK FUTURES

| Contract size | 125,000 euros |
| Settled in | 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 x 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.

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.

Contract listings
Monthly options: Twelve consecutive contract months.
Weekly options: Four weekly options are listed at any time.

Block minimum threshold: 20

Please note: CNY refers to onshore Chinese renminbi; CNH refers to offshore Chinese renminbi; and RMB refers to Chinese renminbi in general.
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 immediately 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.

Please note: CNY refers to onshore Chinese renminbi; CNH refers to offshore Chinese renminbi; and RMB refers to Chinese renminbi in general.
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.
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.

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

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.
**HUF/USD OPTIONS**

**Ticker symbol**
Quarterly and serial options: HFO

**Pricing conventions and calculating cash premiums**
$0.00000002 per Hungarian forint = $6.00/contract; also, trades may occur at $0.00000001 ($3.00), $0.00000003 ($9.00), $0.00000005 ($15.00), $0.00000007 ($21.00) and $0.00000009 ($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). Please visit cmegroup.com/10am for more information.
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 0.00000002 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).
Please visit cmegroup.com/10am for more information.
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

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

**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 $0.00001 when the price is quoted in full. Similarly, a Mexican peso option price quoted as 1050 is equivalent to $0.001050 when the price is quoted in full. The cash price of the option is $0.001050 x 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.

<table>
<thead>
<tr>
<th>Currency Pair</th>
<th>Spread Minimum Price Increment</th>
<th>Spread Notional (per leg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>USD/MXN</td>
<td>0.00001</td>
<td>500,000 MXN</td>
</tr>
</tbody>
</table>

Spot leg specifications

<table>
<thead>
<tr>
<th>Currency Pairing</th>
<th>Value Date</th>
<th>Minimum Price Increment*</th>
<th>Spot Notional Per One Spread**</th>
</tr>
</thead>
<tbody>
<tr>
<td>USD/MXN</td>
<td>T+2</td>
<td>0.00001 (0.1 pip)</td>
<td>500,000 MXN</td>
</tr>
</tbody>
</table>

Futures leg specifications***

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Contract Size</th>
<th>Futures Quotation</th>
<th>Tick</th>
</tr>
</thead>
<tbody>
<tr>
<td>6M</td>
<td>500,000 MXN</td>
<td>USD per MXN</td>
<td>0.000001 (5.00 USD)</td>
</tr>
</tbody>
</table>

* 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.
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.
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 x 0.0001 = 0.00043 when the price is quoted in full. The cash price of the option is 0.00043 x 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 outrights 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.
**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 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 x 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 x 0.000001 = 0.001175 when the price is quoted in full. The cash price of the option is 0.001175 x 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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<tr>
<td>MICRO USD/CNH</td>
<td>111</td>
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</table>
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 EUR/USD Futures

<table>
<thead>
<tr>
<th><strong>Contract size</strong></th>
<th>12,500 euros</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Settlement</strong></td>
<td>Physical delivery</td>
</tr>
<tr>
<td><strong>Position accountability</strong></td>
<td>100,000 Micro contracts</td>
</tr>
<tr>
<td><strong>Ticker symbol</strong></td>
<td>CME Globex Electronic Markets: M6E, CME ClearPort: M6E</td>
</tr>
<tr>
<td><strong>Minimum price fluctuation (tick)</strong></td>
<td>0.0001 USD/EUR (≈ US $1.25)</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th><strong>Contract size</strong></th>
<th>1,250,000 Japanese yen</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Settlement</strong></td>
<td>Physical delivery</td>
</tr>
<tr>
<td><strong>Position accountability</strong></td>
<td>100,000 Micro contracts</td>
</tr>
<tr>
<td><strong>Ticker symbol</strong></td>
<td>CME Globex electronic markets: MJY</td>
</tr>
<tr>
<td></td>
<td>CME ClearPort: MJY</td>
</tr>
<tr>
<td><strong>Minimum price fluctuation (tick)</strong></td>
<td>0.000001 USD/JPY (= US $1.25)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Contract value</strong></th>
<th>If USD/JPY = 0.011765, then contract = $14,706 (= ¥ 1,250,000 x $0.011765/¥)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contract month listings</strong></td>
<td>Two months in the March quarterly cycle (Mar, Jun, Sep, Dec)</td>
</tr>
<tr>
<td><strong>Last trading day</strong></td>
<td>Trading ceases at 9:16 a.m. CT on the second business day immediately preceding the third Wednesday of the contract month (usually Monday)</td>
</tr>
</tbody>
</table>
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).
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

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

Please note: 2021 dates are subject to change.
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

<table>
<thead>
<tr>
<th>HOLIDAY</th>
<th>DATE</th>
<th>DATE ON WHICH CME CLEARPORT DOES NOT OPEN</th>
<th>DATE AND TIME CME CLEARPORT OPENS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Martin Luther King Jr. Day</td>
<td>Monday, Jan 18</td>
<td>–</td>
<td>Unaffected and will run on a normal schedule for the next day’s trade date</td>
</tr>
<tr>
<td>Presidents’ Day</td>
<td>Monday, Feb 15</td>
<td>–</td>
<td>Unaffected and will run on a normal schedule for the next day’s trade date</td>
</tr>
<tr>
<td>Good Friday</td>
<td>Friday, April 2</td>
<td>–</td>
<td>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</td>
</tr>
<tr>
<td>Memorial Day</td>
<td>Monday, May 31</td>
<td>–</td>
<td>Unaffected and will run on a normal schedule for the next day’s trade date</td>
</tr>
<tr>
<td>Independence Day</td>
<td>Monday, Jul 5</td>
<td>–</td>
<td>Unaffected and will run on a normal schedule for the next day’s trade date</td>
</tr>
<tr>
<td>Labor Day</td>
<td>Monday, Sep 6</td>
<td>–</td>
<td>Unaffected and will run on a normal schedule for the next day’s trade date</td>
</tr>
<tr>
<td>Columbus Day</td>
<td>Monday, Oct 11</td>
<td>–</td>
<td>Unaffected and will run on a normal schedule for the next day’s trade date</td>
</tr>
<tr>
<td>Veterans Day (observed)</td>
<td>Thursday, Nov 11</td>
<td>–</td>
<td>Unaffected and will run on a normal schedule for the next day’s trade date</td>
</tr>
<tr>
<td>Thanksgiving Day</td>
<td>Thursday, Nov 25</td>
<td>–</td>
<td>Unaffected and will run on a normal schedule for the next day’s trade date</td>
</tr>
<tr>
<td>Christmas Day</td>
<td>Saturday, Dec 25</td>
<td>Friday, Dec 24, 2021</td>
<td>Sunday, December 26 at 18:00 ET for the next day’s trade date</td>
</tr>
<tr>
<td>New Year’s Day 2022</td>
<td>Saturday, Jan 1</td>
<td>Friday, Dec 31, 2021</td>
<td>Sunday, January 2, 2022 at 18:00 ET for the next day’s trade date</td>
</tr>
</tbody>
</table>

*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
Contact information

CME Group global FX team
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