

| Fees are charged per side (both buy and sell side) per contract. | Venue/Transaction Type | Agricultural | Weather | OTC Ag Swaps & Crude Palm Oil | Crude Palm Oil - Gasoil Spread |
|---|---------------------------------|----------------------|----------------------|-------------------------------------|--------------------------------------|
| | | Futures & Options | Futures & Options | Futures & Options | Futures |
| Individual Members Clearing Equity Member Firms Rule 106.J Equity Member Firms & Rule 106.J Qualified Subsidiaries Rule 106.I Member Firms & Rule 106.I Qualified Affiliates Rule 106.S Member Approved Funds | Delivery | \$0.15 | \$0.02 | \$2.00 | \$2.20 |
| | Globex | \$0.51 | \$0.15 | | |
| | EFP EFR Block | \$1.90 | \$0.46 | | |
| | Exercise Assign Future From | \$0.20 | \$0.07 | | |
| Rule 106.D Lessees Rule 106.F Employees | Delivery | \$0.31 | \$0.07 | \$2.25 | \$2.45 |
| | Globex | \$0.67 | \$0.20 | | |
| | EFP EFR Block | \$2.06 | \$0.51 | | |
| | Exercise Assign Future From | \$0.36 | \$0.12 | | |
| Rule 106.R Electronic Corporate Member (For other than Globex - See Non-Members) | Globex | \$0.81 | \$0.44 | \$2.50 | \$2.70 |
| Rule 106.H and 106.N Firms Clearing Non-Equity Member Firms | Delivery | \$0.49 | \$0.12 | \$2.50 | \$2.70 |
| | Globex | \$0.81 | \$0.25 | | |
| | EFP EFR Block | \$2.24 | \$0.56 | | |
| | Exercise Assign Future From | \$0.54 | \$0.17 | | |
| International Incentive Program (IIP) Participants International Volume Incentive Program (IVIP) Participants (For other than Globex - See Non-Members) | Globex | \$0.82 | \$0.26 | \$2.50 | \$2.70 |
| Members Trading Outside of Division (For other than Globex During ETH - See Non-Members) | Globex - During ETH Only | \$1.05 | \$0.29 | \$2.50 | \$2.70 |
| Non-Members (Including: Central Bank Incentive Program (CBIP) Participants, Latin American Fund Manager Incentive Program (FMIP) Participants, CTA/Hedge Fund Incentive Program Participants & CBOE Members) | Delivery | \$0.69 | \$0.16 | \$2.50 | \$2.70 |
| | Globex | \$2.03 | \$0.54 | | |
| | EFP | \$2.44 | \$0.60 | | |
| | EFR Block | \$3.03 | | | |
| | Exercise Assign Future From | \$0.74 | \$0.21 | | |



CME Agricultural & Weather Product Fee Schedules as of May 1, 2022

| CME Agricultural Product Volume Discounts | | | | | |
|---|--|-----------------------|---|--|-----------------------|
| On a tiered basis, the Exchange fee for electronically traded Livestock & Pork Cutout Futures will be reduced for trading volumes exceeding designated monthly average daily volume thresholds. | | | | | |
| Member Firms | Livestock Futures | | Individual Members | Livestock Futures | |
| Eligible Participants | Average Daily Volume Threshold (Sides) | Exchange Fee Discount | Eligible Participants | Average Daily Volume Threshold (Sides) | Exchange Fee Discount |
| Clearing Members Rule 106.J Equity Member Firms Rule 106.I Members Rule 106.S Member Approved Funds | 0 - 1,000 | none | Individual Members Rule 106.D Lessees | 0 - 500 | none |
| | 1,001 - 2,500 | \$0.16 | | 501 - 1,000 | \$0.16 |
| | 2,501 - 7,500 | \$0.21 | | 1,001 - 1,500 | \$0.21 |
| | > 7,500 | \$0.26 | | > 1,500 | \$0.26 |
| Volume is aggregated by account owner across accounts, within a single clearing/billing firm. Clearing Members and their related 106.I. Member(s) accounts will be treated as one firm for purposes of the volume aggregation. For Rule 106.S Member Approved Funds, their associated volume will be aggregated with their related Rule 106.J Equity Member Firm. | | | Volume is aggregated per trading account within a single clearing/billing firm. | | |

The preceding fee schedule is provided by CME Group as a quick reference guide for general information purposes. Fees may be changed at any time without notice. This schedule in no way shall be construed as being an official rule of CME or any other CME Group subsidiary. Questions regarding this schedule may be directed to the EFS Hotline at 312.648.5470.

| Fees are charged per side (both buy and sell side) per contract. | Venue/Transaction Type | Equity Index | Nikkei/ TOPIX | E-mini Equity Index | | Micro E-mini Index | | Total Return Index | | | USD Ibovespa | | | |
|---|-----------------------------------|--------------|------------------|------------------------|---------|------------------------|------------------------|---|--|--|-----------------|--------|--------|--------|
| | | | | | | | | Executed with < 24 months to expiration | Executed with 24 - 59 months to expiration | Executed with 60+ months to expiration | | | | |
| | | Futures | Options | Futures ⁽⁵⁾ | Options | Futures ⁽⁴⁾ | Futures ⁽⁴⁾ | Futures ⁽⁴⁾ | Futures | | | | | |
| Individual Members Clearing Equity Member Firms Rule 106.J Equity Member Firms & Rule 106.J Qualified Subsidiaries Rule 106.I Member Firms & Rule 106.I Qualified Affiliates Rule 106.S Member Approved Funds | Delivery | \$0.30 | | \$0.09 | \$0.09 | \$0.01 | \$0.01 | \$0.09 | | | \$0.10 | | | |
| | Globex | \$0.80 | | \$0.37 | \$0.35 | \$0.05 | \$0.04 | \$1.84 | \$3.68 | \$7.36 | \$0.42 | | | |
| | EFP EFR BTIC TACO ⁽¹⁾ | \$2.05 | \$2.05 | \$1.84 | \$1.84 | \$0.19 | \$0.19 | | | | \$1.85 | | | |
| | Block ⁽³⁾ | | | | \$0.36 | | | | | | | | | |
| | Covered Futures ⁽²⁾ | N/A | N/A | \$0.38 | N/A | N/A | N/A | N/A | | | N/A | | | |
| | Exercise Assign Future From | \$0.35 | | \$0.14 | \$0.14 | \$0.01 | \$0.01 | N/A | | | \$0.15 | | | |
| Rule 106.D Lessees Rule 106.F Employees | Delivery | \$0.53 | | \$0.21 | \$0.21 | \$0.03 | \$0.03 | \$0.21 | | | \$0.21 | | | |
| | Globex | \$1.03 | | \$0.49 | \$0.47 | \$0.08 | \$0.07 | \$1.96 | \$3.92 | \$7.84 | \$0.86 | | | |
| | EFP EFR BTIC TACO ⁽¹⁾ | \$2.28 | \$2.28 | \$1.96 | \$1.96 | \$0.20 | \$0.20 | | | | \$1.96 | | | |
| | Block ⁽³⁾ | | | | \$0.48 | | | | | | | | | |
| | Covered Futures ⁽²⁾ | N/A | N/A | \$0.50 | N/A | N/A | N/A | N/A | | | N/A | | | |
| | Exercise Assign Future From | \$0.58 | | \$0.26 | \$0.26 | \$0.03 | \$0.03 | N/A | | | \$0.26 | | | |
| Rule 106.R Electronic Corporate Member (For other than Globex - See Non-Members) | Globex | \$1.08 | | \$0.52 | \$0.45 | \$0.09 | \$0.08 | \$2.14 | \$4.28 | \$8.56 | \$1.11 | | | |
| | Globex - BTIC TACO ⁽¹⁾ | \$2.43 | | \$2.14 | N/A | N/A | N/A | | | | | | | |
| Rule 106.H and 106.N Firms Clearing Non-Equity Member Firms | Delivery | \$0.68 | | \$0.39 | \$0.39 | \$0.04 | \$0.04 | \$0.39 | | | \$0.39 | | | |
| | Globex | \$1.08 | | \$0.62 | \$0.45 | \$0.10 | \$0.09 | \$2.14 | \$4.28 | \$8.56 | \$1.11 | | | |
| | EFP EFR BTIC TACO ⁽¹⁾ | \$2.43 | \$2.43 | \$2.14 | \$2.14 | \$0.22 | \$0.22 | | | | \$2.14 | | | |
| | Block ⁽³⁾ | | | | \$0.46 | | | | | | | | | |
| | Covered Futures ⁽²⁾ | N/A | N/A | \$0.63 | N/A | N/A | N/A | N/A | | | N/A | | | |
| | Exercise Assign Future From | \$0.73 | | \$0.44 | \$0.44 | \$0.04 | \$0.04 | N/A | | | \$0.44 | | | |
| International Incentive Program (IIP) Participants International Volume Incentive Program (IVIP) Participants (For other than Globex - See Non-Members) | Globex | \$1.10 | | \$0.65 | \$0.50 | \$0.13 | \$0.10 | \$2.15 | \$4.30 | \$8.60 | \$1.26 | | | |
| | Globex - BTIC TACO ⁽¹⁾ | \$2.65 | | \$2.15 | N/A | N/A | N/A | | | | | | | |
| Central Bank Incentive Program (CBIP) Participants Latin American Fund Manager Incentive Program (FMIP) Participants (For other than Globex and where N/A - See Non-Members) | Globex - Outrights | N/A | | \$1.02 | \$0.50 | \$0.17 | \$0.14 | \$2.15 | \$4.30 | \$8.60 | N/A | | | |
| | Globex - Spreads | | | \$0.90 | | \$0.14 | \$0.11 | | | | | | | |
| | Globex - BTIC TACO ⁽¹⁾ | | | \$2.15 | N/A | N/A | N/A | | | | | | | |
| CBOE Members (For S&P Products Only; N/A For All Other Products - See Non-Members) | Delivery | \$0.80 | N/A | \$0.35 | \$0.34 | \$0.04 | \$0.04 | \$0.35 | | | N/A | | | |
| | Globex - Outrights | \$2.30 | | \$1.23 | \$0.50 | \$0.29 | \$0.19 | \$2.10 | \$4.20 | \$8.40 | | | | |
| | Globex - Spreads | \$0.85 | | \$0.23 | | \$0.13 | | | | | | | | |
| | EFP EFR BTIC TACO ⁽¹⁾ | \$2.55 | | \$2.10 | \$2.09 | \$0.27 | \$0.22 | | | | | \$2.15 | \$4.30 | \$8.60 |
| | Block ⁽³⁾ | | | | \$0.51 | | | | | | | | | |
| | Covered Futures ⁽²⁾ | N/A | | \$1.24 | N/A | N/A | N/A | N/A | | | | | | |
| | Exercise Assign Future From | \$0.85 | | \$0.40 | \$0.39 | \$0.04 | \$0.04 | N/A | | | | | | |
| Members Trading Outside of Division (For other than Globex During ETH - See Non-Members) | Globex - During ETH Only | \$1.40 | | \$0.76 | \$0.54 | \$0.20 | \$0.10 | N/A | | | \$0.72 | | | |
| Non-Members (Including: CTA/Hedge Fund Incentive Program Participants) | Delivery | \$0.90 | | \$0.40 | \$0.39 | \$0.05 | \$0.05 | \$0.40 | | | \$0.40 | | | |
| | Globex - Outrights | \$2.40 | \$2.15 | \$1.28 | \$0.55 | \$0.30 | \$0.20 | \$2.15 | \$4.30 | \$8.60 | \$1.26 | | | |
| | Globex - Spreads | | \$1.90 | \$0.90 | | \$0.24 | \$0.14 | | | | | | | |
| | EFP EFR BTIC TACO ⁽¹⁾ | \$2.65 | \$2.65 | \$2.15 | \$2.14 | \$0.29 | \$0.24 | | | | \$2.15 | | | |
| | Block ⁽³⁾ | | | | \$0.60 | | | | | | | | | |
| | Covered Futures ⁽²⁾ | N/A | N/A | \$1.29 | N/A | N/A | N/A | N/A | | | N/A | | | |
| | Exercise Assign Future From | \$0.95 | | \$0.45 | \$0.44 | \$0.05 | | N/A | | | \$0.45 | | | |

| CME Equity Product Notes | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| (1) BTIC TACO rate applies to both Globex and ex-pit BTIC (Basis Trade at Index Close) and TACO (Trade at Cash Open) transactions. Effective through July 31, 2022, BTIC transactions of Nikkei 225 Futures will have a discounted Exchange Fee of \$0.50 . BTIC TACO rate also applies to Globex and ex-pit transactions of BTIC+ and TACO+ Futures . | | | | | | | | | | |
| (2) Covered Futures rate applies only to block spreads of E-mini S&P 500 Futures [ES] with the corresponding E-mini S&P options. It is not applicable for any other Equity Index Futures or E-mini Equity Index Futures products. Effective through April 30, 2023, the exchange fees for these covered futures will be discounted to \$0.20 for members and to \$0.36 for non-members. | | | | | | | | | | |
| (3) Effective through April 30, 2023, the exchange fees for Block transactions in E-mini S&P 500 Options will be discounted to \$0.20 for members and to \$0.36 for non-members. | | | | | | | | | | |
| (4) Effective through January 31, 2023, the exchange fees for AIR Futures on the FTSE 100 Total Return Index [AFR] will be discounted by 65%. | | | | | | | | | | |
| (5) Effective January 10, 2022, the Micro E-mini Index Futures exchange fee schedule applies to Nasdaq-100 Volatility Index Futures [VLQ] . | | | | | | | | | | |

| CME Equity Product Volume Discounts | | | | | | | | | | | |
|---|---|--------------------------|--|--------------------------|--|--------------------------|---|---|--------------------------|--|--------------------------|
| On a tiered basis, the Exchange fee for electronically traded E-mini Equity Futures and Options will be reduced for trading volumes exceeding designated monthly average daily volume thresholds. Futures and Options are accumulated separately when determining threshold levels. Spread transactions are excluded for Futures, but included for Options. Excludes: E-mini Nikkei 225 Yen Denominated Futures [ENY], S&P 500 Dividend Futures [SDA/SDI], Nasdaq-100 Volatility Index Futures [VLQ], E-mini S&P 500 Quarterly PM Options [EYC], Nasdaq 100 Dividend Futures [NDA], Russell 2000 Dividend Futures [RDA] | | | | | | | | | | | |
| Member Firms | E-mini Equity Futures | | E-mini Equity Options | | Liquidity Provider Member Firms E-mini Equity Futures | | Individual Members | E-mini Equity Futures | | E-mini Equity Options | |
| Eligible Participants | Average Daily Volume Threshold (Sides) | Exchange Fee Discount | Average Daily Volume Threshold (Sides) | Exchange Fee Discount | Average Daily Volume Threshold (Sides) | Exchange Fee Discount | Eligible Participants | Average Daily Volume Threshold (Sides) | Exchange Fee Discount | Average Daily Volume Threshold (Sides) | Exchange Fee Discount |
| Clearing Members Rule 106.J Equity Member Firms Rule 106.I Members Rule 106.S Member Funds | 0 - 8,500 | none | 0 - 5,000 | none | 0 - 3,000 | none | Individual Members Rule 106.D Lessees Rule 106.F Employees | 0 - 250 | none | 0 - 750 | none |
| | 8,501 - 45,000 | \$0.16 | 5,001 - 35,000 | \$0.18 | 3,001 - 25,000 | \$0.16 | | 251 - 1,750 | \$0.16 | 751 - 5,000 | \$0.18 |
| | 45,001 - 100,000 | \$0.22 | 35,001 - 60,000 | \$0.21 | 25,001 - 75,000 | \$0.22 | | 1,751 - 15,000 | \$0.22 | 5,001 - 12,000 | \$0.21 |
| | 100,001 - 135,000 | \$0.23 | 60,001 - 80,000 | \$0.23 | 75,001 - 100,000 | \$0.23 | | 15,001 - 16,000 | \$0.23 | 12,001 - 20,000 | \$0.23 |
| | > 135,000 | \$0.25 | > 80,000 | \$0.24 | > 100,000 | \$0.25 | | > 16,000 | \$0.25 | > 20,000 | \$0.24 |
| Volume is aggregated by account owner across accounts, across clearing/billing firms. Clearing Members and their related 106.I. Member(s) accounts will be treated as one firm for purposes of the volume aggregation. For Rule 106.S Member Approved Funds, their associated volume will be aggregated with their related Rule 106.J Equity Member Firm. | | | | | For Member Firms that over the previous three-month period have an ADV ≥5,000 contracts (sides) in these products, and either (a) ≥60% is passive/resting or (b) ADV ≥40,000 is passive/resting. | | Volume is aggregated per trading account within a single clearing/billing firm. | | | | |

| On a tiered basis, for IIP Participants, the Exchange fee for electronically traded E-mini Equity Futures and Options will be reduced for trading volumes exceeding designated monthly average daily volume thresholds. | | | | |
|--|--|--------------------------|---|--------------------------|
| IIP Participants | E-mini Equity Futures | | E-mini Equity Options | |
| Eligible Participants | Average Daily Volume Threshold (Sides) | Exchange Fee Discount | Average Daily Volume Threshold (Sides) | Exchange Fee Discount |
| International Incentive Program (IIP) Participants | 0 - 1,000 | \$0.00 | 0 - 1,000 | \$0.00 |
| | 1,001 - 5,000 | \$0.20 | 1,001 - 5,000 | \$0.10 |
| | > 5,000 | \$0.25 | > 5,000 | \$0.14 |
| Volume is aggregated by account owner across accounts, across clearing/billing firms. | | | | |

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CME Alternative Investment Product Fee Schedules as of May 1, 2022

| | | | | Micro Bitcoin | Ether | Micro Ether | Nasdaq Water Index | | | S&P GSCI Excess Return | Case Schiller Housing Index | |
|--|-----------------------------------|---------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|--|---------|------------------------------|-----------------------------------|--------|
| | | | | | | | Executed with < 18 months to expiration | Executed with 18+ months to expiration | | | | |
| | | Bitcoin | Futures & Options ⁽²⁾ | Futures | Futures & Options ⁽²⁾ | Futures | Futures | S&P GSCI | Futures | Futures | | |
| Fees are charged per side (both buy and sell side) per contract. | Venue/Transaction Type | Futures | Options | Futures & Options ⁽²⁾ | Futures | Futures & Options ⁽²⁾ | Futures | Futures | Swaps | Futures | Futures | |
| Individual Members | Delivery | \$1.25 | \$1.25 | \$0.65 | \$0.75 | \$0.05 | \$0.50 | | \$1.20 | \$1.00 | \$0.09 | |
| Clearing Equity Member Firms | Globex | \$3.00 | \$2.50 | \$1.25 | \$2.00 | \$0.10 | \$1.00 | \$2.00 | | | \$0.37 | |
| Rule 106.J Equity Member Firms & Rule 106.J Qualified Subsidiaries | EFP EFR Block BTIC ⁽¹⁾ | \$4.50 | \$3.75 | \$2.00 | \$3.67 | \$0.16 | \$1.50 | \$3.00 | \$1.80 | \$1.50 | \$1.84 | |
| Rule 106.I Member Firms & Rule 106.I Qualified Affiliates | Exercise Assign Future From | \$1.30 | \$1.30 | \$0.70 | \$0.80 | \$0.05 | N/A | | \$1.20 | \$1.05 | \$0.14 | |
| Rule 106.S Member Approved Funds | Delivery | \$2.00 | \$2.00 | \$1.00 | \$1.20 | \$0.08 | \$0.65 | | \$1.20 | \$1.00 | \$0.21 | |
| Rule 106.D Lessees | Globex | \$4.50 | \$4.00 | \$2.00 | \$2.90 | \$0.16 | \$1.30 | \$2.60 | | | \$0.49 | |
| Rule 106.F Employees | EFP EFR Block BTIC ⁽¹⁾ | \$6.75 | \$6.00 | \$3.20 | \$4.41 | \$0.26 | \$1.95 | \$3.90 | \$1.80 | \$1.50 | \$1.96 | |
| | Exercise Assign Future From | \$2.05 | \$2.05 | \$1.05 | \$1.25 | \$0.08 | N/A | | \$1.20 | \$1.05 | \$0.26 | |
| Rule 106.R Electronic Corporate Member | Globex | \$4.60 | \$4.10 | \$2.05 | \$2.96 | \$0.17 | \$1.33 | \$2.66 | \$1.20 | \$1.00 | \$0.52 | |
| (For other than Globex - See Non-Members) | Globex - BTIC ⁽¹⁾ | \$6.90 | \$6.15 | \$3.30 | \$4.46 | \$0.24 | N/A | | \$1.80 | \$1.50 | \$2.14 | |
| Rule 106.H and 106.N Firms | Delivery | \$2.20 | \$2.20 | \$1.10 | \$1.32 | \$0.09 | \$0.72 | | \$1.20 | \$1.00 | \$0.39 | |
| Clearing Non-Equity Member Firms | Globex | \$4.90 | \$4.40 | \$2.20 | \$3.14 | \$0.18 | \$1.43 | \$2.86 | | | \$0.62 | |
| | EFP EFR Block BTIC ⁽¹⁾ | \$7.13 | \$6.40 | \$3.55 | \$4.63 | \$0.29 | \$2.15 | \$4.30 | \$1.80 | \$1.50 | \$2.14 | |
| | Exercise Assign Future From | \$2.25 | \$2.25 | \$1.15 | \$1.37 | \$0.09 | N/A | | \$1.20 | \$1.05 | \$0.44 | |
| International Incentive Program (IIP) Participants | Globex | \$6.00 | \$5.00 | \$2.50 | \$4.00 | \$0.20 | N/A | | \$1.20 | \$1.00 | \$0.65 | |
| International Volume Incentive Program (IVIP) Participants (For other than Globex and where N/A - See Non-Members) | Globex - BTIC ⁽¹⁾ | \$9.00 | \$7.50 | \$4.00 | \$7.33 | \$0.32 | | | \$1.80 | \$1.50 | \$2.15 | |
| Central Bank Incentive Program (CBIP) Participants | Globex - Outrights | \$5.50 | \$4.85 | \$2.50 | \$4.00 | \$0.20 | N/A | | N/A | N/A | \$1.02 | |
| Latin American Fund Manager Incentive Program (FMIP) Participants (For other than Globex and where N/A - See Non-Members) | Globex - Spreads | | | | | | | | | | \$0.90 | |
| | Globex - BTIC ⁽¹⁾ | \$9.00 | \$7.50 | \$4.00 | \$7.33 | \$0.32 | | | | | \$2.15 | |
| Members Trading Outside of Division (For other than Globex During ETH and where N/A - See Non-Members) | Globex - During ETH Only | \$5.75 | \$4.75 | \$2.40 | \$3.85 | \$0.18 | N/A | | \$1.20 | \$1.00 | \$0.76 | |
| Non-Members | Delivery | \$2.50 | \$2.50 | \$1.25 | \$1.50 | \$0.10 | \$0.75 | | \$1.20 | \$1.00 | \$0.40 | |
| (Including: CTA/Hedge Fund Incentive Program Participants & CBOE Members) | Globex - Outrights | \$6.00 | \$5.00 | \$2.50 | \$4.00 | \$0.20 | \$1.50 | \$3.00 | | | \$1.28 | |
| | Globex - Spreads | | | | | | EFP EFR Block BTIC ⁽¹⁾ | \$9.00 | \$7.50 | \$4.00 | \$7.33 | \$0.32 |
| | Exercise Assign Future From | \$2.55 | \$2.55 | \$1.30 | \$1.55 | \$0.10 | N/A | | \$1.20 | \$1.05 | \$0.45 | |

CME Alternative Investment Product Notes

(1) BTIC rate applies to both Globex and ex-pit BTIC (Basis Trade at Index Close) transactions.

(2) Effective through July 31, 2022, the exchange fees for Micro Bitcoin Options and Micro Ether Options will be discounted by 50%.

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CME Foreign Exchange Product Fee Schedules as of May 1, 2022

| Fees are charged per side (both buy and sell side) per contract. | Venue/Transaction Type | FX | E-mini FX | E-micro FX |
|---|---|--------------------------------|-----------|------------|
| | | Futures & Options | Futures | Futures |
| Individual Members Clearing Equity Member Firms Rule 106.J Equity Member Firms & Rule 106.J Qualified Subsidiaries Rule 106.I Member Firms & Rule 106.I Qualified Affiliates Rule 106.S Member Approved Funds | Delivery | \$0.07 | \$0.04 | \$0.02 |
| | Globex ⁽¹⁾ | \$0.34 | \$0.29 | \$0.05 |
| | Globex - FX Link | \$0.40 | N/A | N/A |
| | EFP EFR | \$0.65 | \$0.65 | \$0.24 |
| | Block | \$1.07 | \$1.04 | |
| | Exercise Assign Future From | \$0.12 | \$0.09 | \$0.07 |
| Rule 106.D Lessees Rule 106.F Employees | Delivery | \$0.27 | \$0.15 | \$0.02 |
| | Globex ⁽¹⁾ | \$0.52 | \$0.40 | \$0.06 |
| | Globex - FX Link | \$0.50 | N/A | N/A |
| | EFP EFR | \$0.68 | \$0.68 | \$0.25 |
| | Block | \$1.27 | \$1.15 | |
| | Exercise Assign Future From | \$0.32 | \$0.20 | \$0.07 |
| Rule 106.R Electronic Corporate Member (For other than Globex - See Non-Members) | Globex ⁽¹⁾ | \$0.44 | \$0.44 | \$0.09 |
| | Globex - FX Link | \$0.55 | N/A | N/A |
| Rule 106.H and 106.N Firms Clearing Non-Equity Member Firms | Delivery | \$0.45 | \$0.25 | \$0.04 |
| | Globex ⁽¹⁾ | \$0.44 | \$0.50 | \$0.09 |
| | Globex - FX Link | \$0.55 | N/A | N/A |
| | EFP EFR | \$0.70 | \$0.70 | \$0.28 |
| | Block | \$1.45 | \$1.25 | |
| | Exercise Assign Future From | \$0.50 | \$0.30 | \$0.09 |
| International Incentive Program (IIP) Participants International Volume Incentive Program (IVIP) Participants (For other than Globex - See Non-Members) | Globex ⁽¹⁾ | \$0.54 | \$0.54 | \$0.15 |
| | Globex - FX Link | \$0.60 | N/A | N/A |
| Central Bank Incentive Program (CBIP) Participants Latin American Fund Manager Incentive Program (FMIP) Participants (For other than Globex - See Non-Members) | Globex ⁽¹⁾ | \$1.00 | \$0.85 | \$0.24 |
| | Globex - FX Link | \$0.80 | N/A | N/A |
| CTA/Hedge Fund Incentive Program Participants (For other than Globex and EFP EFR Block - See Non-Members) | Globex ⁽¹⁾ | Refer to Volume Discount Notes | \$0.85 | \$0.24 |
| | Globex - FX Link | \$0.60 | N/A | N/A |
| | EFP EFR Block | Refer to Volume Discount Notes | \$1.35 | \$0.35 |
| Members Trading Outside of Division (For other than Globex During ETH - See Non-Members) | Globex - During ETH only ⁽¹⁾ | \$0.85 | \$0.60 | \$0.12 |
| Non-Members (Including: CBOE Members) | Delivery | \$0.60 | \$0.35 | \$0.06 |
| | Globex ⁽¹⁾ | \$1.60 | \$0.85 | \$0.24 |
| | Globex - FX Link | \$0.80 | N/A | N/A |
| | EFP EFR Block | \$1.60 | \$1.35 | \$0.35 |
| | Exercise Assign Future From | \$0.65 | \$0.40 | \$0.11 |

Foreign Exchange Product Notes

(1) Effective through January 31, 2023, exchange fees for **Globex Spread** transactions in **FX Futures** will be discounted 50% (after any applicable volume discounts), excluding the front quarterly spread during the quarterly roll months of March, June, September, or December.

| Foreign Exchange Product Volume Discounts | | | | | |
|---|--|-----------------------|--|--|-----------------------|
| On a tiered basis, the Exchange fee for electronically traded FX Futures and E-mini FX Futures combined (excluding FX Futures traded via CME FX Link) will be reduced for trading volumes exceeding designated monthly average daily volume thresholds. | | | On a tiered basis, the Exchange fee for FX Futures traded via CME FX Link will be reduced for trading volumes exceeding designated monthly average daily volume thresholds. | | |
| Member Firms & Individual Members | FX Futures & E-mini FX Futures | | Member Firms & Individual Members | FX Futures traded via CME FX Link | |
| Eligible Participants | Average Daily Volume Threshold (Sides) | Exchange Fee Discount | Eligible Participants | Average Daily Volume Threshold (Sides) | Exchange Fee Discount |
| Individual Members | 0 - 6,500 | none | Individual Members | 0 - 2,000 | none |
| Clearing Members | 6,501 - 15,000 | \$0.15 | Clearing Members | 2,001 - 5,000 | \$0.10 |
| Rule 106.J Equity Member Firms | > 15,000 | \$0.19 | Rule 106.J Equity Member Firms | > 5,000 | \$0.20 |
| Rule 106.I Members | | | Rule 106.I Members | | |
| Rule 106.S Member Approved Funds | | | Rule 106.S Member Approved Funds | | |
| Volume is aggregated by account owner across accounts, across clearing/billing firms. Clearing Members and their related 106.I. Member(s) accounts will be treated as one firm for purposes of the volume aggregation. For Rule 106.S Member Approved Funds, their associated volume will be aggregated with their related Rule 106.J Equity Member Firm. | | | | | |

| On a tiered basis, for IIP Participants , the Exchange fee for electronically traded FX and E-mini FX products combined will be reduced for trading volumes exceeding designated monthly average daily volume thresholds. | | | For CTA/Hedge Fund Program Participants , the Exchange fee for electronically and EFP EFR traded FX Futures and Options will be reduced to a flat discounted rate per calendar quarter that is based on a participant's average daily volume for the prior quarter. Block traded FX Options will be reduced to a flat discounted rate of \$1.46 per side. | | |
|---|--|-----------------------|--|--|-----------------------------------|
| IIP Participants | FX Futures/Options & E-mini FX Futures | | CTA/Hedge Fund Program Participants | FX Futures/Options | |
| Eligible Participants | Average Daily Volume Threshold (Sides) | Exchange Fee Discount | Eligible Participants | Prior Quarter Average Daily Volume Threshold (Sides) | Current Quarter Exchange Fee Rate |
| International Incentive Program (IIP) | 0 - 1,000 | \$0.00 | CTA/Hedge Fund Program Participants | 0 - 24 | \$1.60 |
| | 1,001 - 5,000 | \$0.13 | | 25 - 250 | \$1.20 |
| | > 5,000 | \$0.18 | | 251 - 1,000 | \$1.00 |
| | | | | 1,001 - 2,000 | \$0.90 |
| | | 2,001 - 5,000 | | \$0.80 | |
| | | > 5,000 | | \$0.70 Globex \$0.71 EFP EFR | |
| Volume is aggregated by account owner across accounts, across clearing/billing firms. | | | | | |

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CME Interest Rate Product Fee Schedules as of May 1, 2022

| Fees are charged per side (both buy and sell side) per contract. | Venue/Transaction Type | Interest Rate | | |
|---|---------------------------------|------------------------|----------------------------|---------|
| | | Futures ⁽⁵⁾ | | Options |
| | | Front Months | Back Months ⁽¹⁾ | |
| Individual Members Clearing Equity Member Firms Rule 106.J Equity Member Firms & Rule 106.J Qualified Subsidiaries Rule 106.I Member Firms & Rule 106.I Qualified Affiliates Rule 106.S Member Approved Funds | Open Outcry Delivery | \$0.09 | | \$0.17 |
| | Globex | \$0.19 | \$0.14 | \$0.22 |
| | EFP EFR Block ⁽³⁾⁽⁴⁾ | \$0.29 | \$0.24 | \$0.34 |
| | Exercise Assign Future From | \$0.14 | | \$0.14 |
| Rule 106.D Lessees Rule 106.F Employees | Open Outcry Delivery | \$0.30 | | \$0.30 |
| | Globex | \$0.37 | \$0.32 | \$0.42 |
| | EFP EFR Block ⁽³⁾⁽⁴⁾ | \$0.50 | \$0.45 | \$0.55 |
| | Exercise Assign Future From | \$0.35 | | \$0.35 |
| Rule 106.R Electronic Corporate Member <i>(For other than Globex EFP EFR Block - See Non-Members)</i> | Globex | \$0.49 | \$0.44 | \$0.49 |
| | EFP EFR Block ⁽³⁾⁽⁴⁾ | \$0.90 | \$0.85 | \$0.84 |
| Rule 106.H and 106.N Firms Clearing Non-Equity Member Firms | Open Outcry Delivery | \$0.49 | | \$0.49 |
| | Globex | \$0.49 | \$0.44 | \$0.49 |
| | EFP EFR Block ⁽³⁾⁽⁴⁾ | \$0.69 | \$0.64 | \$0.69 |
| | Exercise Assign Future From | \$0.54 | | \$0.54 |
| International Incentive Program (IIP) Participants International Volume Incentive Program (IVIP) Participants | Open Outcry Delivery | \$0.50 | | \$0.50 |
| | Globex | \$0.50 | | \$0.50 |
| | EFP EFR Block ⁽³⁾⁽⁴⁾ | \$1.35 | \$1.05 | \$0.99 |
| | Exercise Assign Future From | \$0.75 | | \$0.69 |
| Central Bank Incentive Program (CBIP) Participants Latin American Fund Manager Incentive Program (FMIP) Participants | Open Outcry Delivery | \$0.70 | | \$0.60 |
| | Globex | \$0.75 | | \$0.60 |
| | EFP EFR Block ⁽³⁾⁽⁴⁾ | \$1.35 | \$1.05 | \$0.99 |
| | Exercise Assign Future From | \$0.75 | | \$0.69 |
| Members Trading Outside of Division <i>(For other than Globex During ETH - See Non-Members)</i> | Globex - During ETH Only | \$0.80 | \$0.75 | \$0.79 |
| Non-Members <i>(Including: CTA/Hedge Fund Incentive Program Participants & CBOE Members)</i> | Open Outcry Delivery | \$0.70 | | \$0.75 |
| | Globex | \$1.25 | \$0.95 | \$0.89 |
| | Globex - Bundles ⁽²⁾ | \$0.80 | | N/A |
| | EFP EFR Block ⁽³⁾⁽⁴⁾ | \$1.35 | \$1.05 | \$0.99 |
| | Exercise Assign Future From | \$0.75 | | \$0.69 |

CME Interest Rate Product Notes

- (1) The discounted Exchange fee for Back Months applies to **Interest Rate Futures contracts with longer than 4-year expirations (Gold through Copper)**.
- (2) The discounted Exchange fee for Globex Bundles applies to **Interest Rate Futures contracts transacted as 2-year through 10-year Bundles**.
- (3) Effective through July 31, 2022, the Exchange Fee for **Block** transactions in **SOFR Futures and Options** is reduced to the same rate as Globex transactions.
- (4) Effective through January 31, 2023, the Exchange Fee for **Block** transactions in **Mexican Funding TIIE Futures** is reduced to the same rate as Globex transactions.
- (5) The Exchange Fee is zero for **Eurodollar Futures** legs resulting from the **Three-Month Eurodollar Futures and Three-Month SOFR Futures Intercommodity Spread (Globex code: SED)**, while the standard Interest Rate Futures fee schedule applies to the **SOFR Futures** legs.

| CME Interest Rate Product Volume Discounts | | | | |
|---|--|-----------------------|--|-----------------------|
| On a tiered basis, for IIP Participants, the Exchange fee for electronically traded and open outcry traded Interest Rate Futures and Options combined will be reduced for trading volumes exceeding designated monthly average daily volume thresholds. | | | | |
| Member Firms, Individual Members & Non-Members | Interest Rate Futures | | Interest Rate Options | |
| Eligible Participants | Average Daily Volume Threshold (Sides) | Exchange Fee Discount | Average Daily Volume Threshold (Sides) | Exchange Fee Discount |
| Individual Members / Clearing Members Rule 106.J Equity Member Firms / Rule 106.I Members Rule 106.S Member Approved Funds Rule 106.D Lessees / Rule 106.F Employees Rule 106.H and 106.N Firms (Open Outcry Only) Customers of Member Firms (Non-Members) | 0 - 30,000 | none | 0 - 15,000 | none |
| | 30,001 - 60,000 | \$0.02 | 15,001 - 30,000 | \$0.02 |
| | 60,001 - 90,000 | \$0.04 | 30,001 - 60,000 | \$0.04 |
| | > 90,000 | \$0.06 | > 60,000 | \$0.06 |
| Member Firm volume is aggregated by account owner, across accounts, across clearing/billing firms. Clearing Members and their related 106.I. Member(s) accounts will be treated as one firm for purposes of the volume aggregation. For Rule 106.S Member Approved Funds, their associated volume will be aggregated with their related Rule 106.J Equity Member Firm. For all other volume, accumulation is per trading account within a single clearing/billing firm. | | | | |

| On a tiered basis, for Rule 106.R and Rule 106.H Member Firms , the Exchange fee for electronically traded Interest Rate Futures will be reduced for trading volumes exceeding designated total monthly volume thresholds. | | | On a tiered basis, for IIP Participants , the Exchange fee for electronically traded and open outcry traded Interest Rate Futures and Options combined will be reduced for trading volumes exceeding designated monthly average daily volume thresholds. | | |
|---|--|-----------------------|--|--|-----------------------|
| Rule 106.R & Rule 106.H Member Firms | Interest Rate Futures | | IIP Participants | Interest Rate Futures & Options | |
| Eligible Participants | Total Monthly Volume Threshold (Sides) | Exchange Fee Discount | Eligible Participants | Average Daily Volume Threshold (Sides) | Exchange Fee Discount |
| Rule 106.R Electronic Corporate Member Rule 106.H Firms | 0 - 15,000 | none | International Incentive Program (IIP) Participants | 0 - 1,000 | \$0.00 |
| | 15,001 - 50,000 | \$0.10 | | 1,001 - 5,000 | \$0.15 |
| | > 50,000 | \$0.20 | | > 5,000 | \$0.25 |
| Volume is aggregated per Operator ID within a single Bill Firm, for a particular corporate member firm. Trades marked for give-up & give-up transactions are excluded from this program, unless they are trades that were marked for give-up as a result of positions being transferred to SGX via the mutual offset process. | | | Volume is aggregated by account owner across accounts, across clearing/billing firms. | | |

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| General Fee Schedule Notes | | |
|---|--|--|
| <p>* CME charges fees according to this schedule. CME does not assess member firms an NFA fee. For information regarding NFA fees, please contact the NFA at 312.781.1300.</p> <p>* Exchange Fees are charged to the clearing (carrying) firm on all give-up trades.</p> <p>* Mutual Offset (CME-SGX) trades are charged the transaction fees at the Executing Exchange only.</p> <p>* Deliveries, Exercises, Assignments, and Futures from Exercises/Assignments are charged at Customer rates.</p> <p>- If these transactions are eligible for Member rates, they must be allocated to the associated account(s) in the CME Group Exchange Fee System.</p> <p>* There are no fees charged for expired options or fungible offsets.</p> <p>* Refer to the following Fee Policy Bulletins web page for information about the following: http://www.cmegroup.com/tools-information/fee-policy-bulletins.html</p> <p>* Exchange fees for CME Globex transactions are based on the combined memberships of the operator and account owner.</p> <p>* In order to obtain member Exchange fees, CME rules require that trading of member firms be conducted by certain qualified individuals.</p> | | |

| Other Fees | All Products | Applied to: |
|------------------------------|--------------|--|
| 106.D Lessee/106.H Brokerage | \$0.13 | Open outcry trading without discretion |
| 106.F Employee Brokerage | \$0.13 | Open outcry trading outside the family of firms (firm owning the seat, an affiliate thereof, or customers cleared by that firm or its affiliate) |
| Floor / "New" Brokerage | \$0.04 | Open outcry trading without discretion/outside the family of firms |
| Position Transfers | \$0.10 | Both sides of a transfer (charged per contract leg); Capped at \$2,500 per clearing firm per transfer. Rebate requests for the cap must be submitted to CME Group Exchange Fee Team. |
| | \$0.05 | Multilateral portfolio compression on CME Equity products; fee assessed on each contract added or reduced |
| Position Adjustments | \$0.10 | Minimum \$1.00 per adjustment; not charged if incurred next business day as a result of exercise/assignment. Capped at \$5,000 per firm per day. |
| Give-up Surcharge | \$0.05 | Executing firm for all give-up transactions, except when both sides of the give-up have the same guaranteeing firm |
| Facilitation Fee | \$0.40 | Agricultural, Equity or FX Product trade executed using the CME Group facilitation services of the Global Command Center (GCC) |
| | \$0.00 | Interest Rate Product trade executed using the CME Group facilitation services of the Global Command Center (GCC) |

| Fee Waivers | | | |
|------------------------------------|----------------|-----------------|--|
| Product | Effective Date | Expiration Date | Waiver Description |
| OTC FX Non-Deliverable Forwards | 04/18/2011 | 06/30/2022 | All Fees |
| OTC FX Cash-Settled Forwards | 04/18/2011 | 06/30/2022 | All Fees |
| OTC FX Options | 11/01/2017 | 01/31/2023 | All Fees |
| Interest Rate Options | 06/01/2014 | 01/31/2023 | Give-Up Surcharge Fees for all CME Interest Rate Options executed on CME Globex during Extended Trading Hours (ETH) only |
| FX Volatility Quoted Options | 11/14/2016 | N/A | Exchange Fees waived for the auto-hedge Futures leg associated with the Volatility-Quoted option |
| TOPIX Futures | 09/01/2018 | 07/31/2022 | Exchange Fees waived for Globex transactions only |
| FX Options | 07/01/2019 | 01/31/2023 | Give-Up Surcharge Fees |
| E-mini IPOX 100 U.S. Index Futures | 03/30/2020 | 01/31/2023 | Exchange Fees discounted by 50% |
| Mexican Funding TIIE Futures | 05/24/2021 | 01/31/2023 | Give-Up Surcharge Fees |

| Expanded Access Program (EAP) - Reduced Fees for CBOT Members | | |
|--|----------------|---|
| Product | Effective Date | EAP Discount |
| USD Denominated Ibovespa Futures | 10/22/2012 | CBOT Individual/Firm Members (Full, AM & IDEM) - CME Equity Member rates; CBOT Lessees (Full, AM & IDEM) - CME Lessee rates |
| USD Malaysian Palm Olein Calendar Swaps | 11/03/2014 | CBOT Individual/Firm Members (Full) - CME Equity Member rates; CBOT Lessees (Full) - CME Lessee rates |
| USD Malaysian Crude Palm Oil Calendar Futures | 07/11/2016 | CBOT Individual/Firm Members (Full) - CME Equity Member rates; CBOT Lessees (Full) - CME Lessee rates |
| USD Malaysian Palm Olein Calendar Futures | | |
| USD Malaysian Crude Palm Oil Average Price Option | | |
| Bursa Malaysia Crude Palm Oil - Gasoil Spread Futures | | |
| Bitcoin Futures | 12/18/2017 | CBOT Individual/Firm Members (Full) - CME Equity Member rates; CBOT Lessees (Full) - CME Lessee rates |
| SOFR Futures | 05/07/2018 | CBOT Individual/Firm Members (Full) - CME Equity Member rates; CBOT Lessees (Full) - CME Lessee rates |
| SONIA Futures | 10/01/2018 | CBOT Individual/Firm Members (Full) - CME Equity Member rates; CBOT Lessees (Full) - CME Lessee rates |
| Bitcoin Options | 01/13/2020 | CBOT Individual/Firm Members (Full) - CME Equity Member rates; CBOT Lessees (Full) - CME Lessee rates |
| Nasdaq Water Index Futures | 12/07/2020 | CBOT Individual/Firm Members (Full) - CME Equity Member rates; CBOT Lessees (Full) - CME Lessee rates |
| Ether Futures | 02/08/2021 | CBOT Individual/Firm Members (Full) - CME Equity Member rates; CBOT Lessees (Full) - CME Lessee rates |
| Micro Bitcoin Futures | 05/03/2021 | CBOT Individual/Firm Members (Full) - CME Equity Member rates; CBOT Lessees (Full) - CME Lessee rates |
| Mexican Funding TIIE Futures | 05/24/2021 | CBOT Individual/Firm Members (Full) - CME Equity Member rates; CBOT Lessees (Full) - CME Lessee rates |
| Three-Month Bloomberg Short-Term Bank Yield Index (BSBY) Futures | 08/23/2021 | CBOT Individual/Firm Members (Full) - CME Equity Member rates; CBOT Lessees (Full) - CME Lessee rates |
| Micro Ether Futures | 12/06/2021 | CBOT Individual/Firm Members (Full) - CME Equity Member rates; CBOT Lessees (Full) - CME Lessee rates |
| Micro Bitcoin Options | 03/28/2022 | CBOT Individual/Firm Members (Full) - CME Equity Member rates; CBOT Lessees (Full) - CME Lessee rates |
| Micro Ether Options | | |

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