

| 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 | Open Outcry 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 | Open Outcry 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 | Open Outcry 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 | \$0.81 | \$0.25 | \$2.50 | \$2.70 |
| Central Bank Incentive Program (CBIP) Participants Emerging Markets Bank Incentive Program (EMBIP) Participants Latin American Fund Manager Incentive Program (FMIP) Participants Latin American Proprietary Trading Incentive Program (LAPTIP) Participants (For other than Globex - See Non-Members) | Globex | \$1.50 | \$0.25 | \$2.50 | \$2.70 |
| Latin American Commercial Incentive Program (LACIP) Participants (For other than Globex - See Non-Members) | Globex | \$1.50 | \$0.54 | \$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: CTA/Hedge Fund Incentive Program Participants & CBOE Members) | Open Outcry Delivery | \$0.69 | \$0.16 | \$2.50 | \$2.70 |
| | Globex | \$2.03 | \$0.54 | | |
| | EFP EFR Block | \$2.44 | \$0.60 | | |
| | Exercise Assign Future From | \$0.74 | \$0.21 | | |

| CME Agricultural Product Volume Discounts | | | | | |
|---|--|-----------------------|---|--|-----------------------|
| On a tiered basis, the Exchange fee for electronically traded Livestock 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 | 0 - 1,000 | none | Individual Members Rule 106.D Lessees | 0 - 500 | none |
| Rule 106.J Equity Member Firms | 1,001 - 2,000 | \$0.11 | | 501 - 1,000 | \$0.11 |
| Rule 106.I Members | 2,001 - 3,000 | \$0.21 | | 1,001 - 1,500 | \$0.21 |
| Rule 106.S Member Approved Funds | > 3,000 | \$0.31 | | > 1,500 | \$0.31 |
| 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. | | |

| On a tiered basis, for IIP and IVIP Participants, the Exchange fee for electronically traded Agricultural Futures and Options combined will be reduced for trading volumes exceeding designated monthly average daily volume thresholds. | | |
|---|--|-----------------------|
| IIP & IVIP Participants | Agricultural Futures & Options | |
| Eligible Participants | Average Daily Volume Threshold (Sides) | Exchange Fee Discount |
| International Incentive Program (IIP) Participants/ International Volume Incentive Program (IVIP) Participants | 0 - 1,000 | none |
| | > 1,000 | \$0.26 |
| Volume is aggregated by account owner across accounts, across clearing/billing firms. | | |

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.

| CME Equity Product Notes | |
|--|--|
| (1) Effective through December 31, 2017, individual equity and lessee members receive a credit of \$0.02 per side for every Equity E-mini (excluding E-mini Nikkei Yen Futures [ENY]) that can be applied against their fees on their Equity maxi (standard) outright trades. The total amount of the credit applied per month will not exceed the total Exchange Fees charged for Equity maxi outright trades in that month. Eligible trading accounts must trade at least 50 average daily sides in Equity maxi outrights via open outcry over a given month. Effective through February 28, 2017, individual equity members receive a credit of \$0.15 per side applied to the lesser of (A) number of contract sides traded in E-mini S&P 500 Futures [ES] spreads or (B) 5 times the number of contract sides traded in S&P 500 Futures [SP] spreads . Accumulation for the application of both credits is per trading account within a single billing firm. | |
| (2) Differentiated rates for BTIC apply to Basis Trade at Index Close transactions of E-mini Equity Index Futures via CME Globex. Globex BTIC transactions available in any other products are charged the applicable Globex rates. | |

| 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], Nikkei 225 Yen Denominated Options [NKW/NKY] and S&P 500 Dividend Futures [SDA/SDI]. | | | | | | | | | | | |
| Member Firms | E-mini Equity Futures | | E-mini Equity Options | | Liquidity Provider 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 - 3,000 | 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 | 3,001 - 25,000 | \$0.18 | 3,001 - 25,000 | \$0.16 | | 251 - 1,750 | \$0.16 | 751 - 5,000 | \$0.18 |
| | 45,001 - 100,000 | \$0.22 | 25,001 - 40,000 | \$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 | 40,001 - 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 designated as Liquidity Providers only. | | Volume is aggregated per trading account within a single clearing/billing firm. | | | | |

| On a tiered basis, for IIP and IVIP Participants, the Exchange fee for electronically traded E-mini Equity Futures will be reduced for trading volumes exceeding designated monthly average daily volume thresholds. Excludes E-mini Nifty 50 Index Futures. | | |
|--|---|--------------------------|
| IIP & IVIP Participants | E-mini Equity Futures | |
| Eligible Participants | Average Daily Volume Threshold (Sides) | Exchange Fee Discount |
| International Incentive Program (IIP) Participants International Volume Incentive Program (IVIP) Participants | 0 - 1,000 | \$0.00 |
| | 1,001 - 5,000 | \$0.10 |
| | > 5,000 | \$0.15 |
| Volume is aggregated by account owner across accounts, across clearing/billing firms. | | |

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CME Foreign Exchange Product Fee Schedules as of January 1, 2017

| 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 | Open Outcry Delivery | \$0.07 | \$0.04 | \$0.02 |
| Clearing Equity Member Firms | Globex | \$0.32 | \$0.29 | \$0.04 |
| Rule 106.J Equity Member Firms & Rule 106.J Qualified Subsidiaries | EFP EFR Block | \$1.07 | \$1.04 | \$0.19 |
| Rule 106.I Member Firms & Rule 106.I Qualified Affiliates | Exercise Assign Future From | \$0.12 | \$0.09 | \$0.07 |
| Rule 106.S Member Approved Funds | | | | |
| Rule 106.D Lessees Rule 106.F Employees | Open Outcry Delivery | \$0.27 | \$0.15 | \$0.02 |
| | Globex | \$0.52 | \$0.40 | \$0.05 |
| | EFP EFR Block | \$1.27 | \$1.15 | \$0.19 |
| | Exercise Assign Future From | \$0.32 | \$0.20 | \$0.07 |
| Rule 106.R Electronic Corporate Member (For other than Globex - See Non-Members) | Globex | \$0.44 | \$0.44 | \$0.08 |
| Rule 106.H and 106.N Firms Clearing Non-Equity Member Firms | Open Outcry Delivery | \$0.45 | \$0.25 | \$0.04 |
| | Globex | \$0.44 | \$0.50 | \$0.08 |
| | EFP EFR Block | \$1.45 | \$1.25 | \$0.21 |
| | 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 | \$0.54 | \$0.54 | \$0.10 |
| Central Bank Incentive Program (CBIP) Participants Emerging Markets Bank Incentive Program (EMBIP) Participants Latin American Fund Manager Incentive Program (FMIP) Participants Latin American Commercial Incentive Program (LACIP) Participants Latin American Proprietary Trading Incentive Program (LAPTIP) Participants (For other than Globex - See Non-Members) | Globex | \$1.00 | \$0.54 | \$0.10 |
| CTA/Hedge Fund Incentive Program Participants (For other than Globex - See Non-Members) | Globex | Refer to Volume Discount Notes | | \$0.16 |
| Members Trading Outside of Division (For other than Globex During ETH - See Non-Members) | Globex - During ETH only | \$0.85 | \$0.60 | \$0.08 |
| Non-Members (Including: CBOE Members) | Open Outcry Delivery | \$0.60 | \$0.35 | \$0.06 |
| | Globex | \$1.60 | \$0.85 | \$0.16 |
| | EFP EFR Block | \$1.60 | \$1.35 | \$0.23 |
| | Exercise Assign Future From | \$0.65 | \$0.40 | \$0.11 |



CME Foreign Exchange Product Fee Schedules as of January 1, 2017

| Foreign Exchange Product Volume Discounts | | | | | |
|---|--|-----------------------|--|--|-----------------------|
| On a tiered basis, the Exchange fee for electronically traded FX Futures and E-mini FX Futures combined will be reduced for trading volumes exceeding designated monthly average daily volume thresholds. | | | On a tiered basis, the Exchange fee for EFP transactions of FX Futures and Options combined will be reduced for trading volumes exceeding designated monthly average daily volume thresholds (excludes Blocks).* | | |
| Member Firms & Individual Members | FX Futures & E-mini FX Futures | | Member Firms | FX Futures & Options | |
| Eligible Participants | Average Daily Volume Threshold (Sides) | Exchange Fee Discount | Eligible Participants | 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 | 0 - 6,500 | none | Clearing Members Rule 106.J Equity Member Firms Rule 106.I Members Rule 106.S Member Approved Funds Rule 106.R Electronic Corporate Members Rule 106.H and 106.N Members | 0 - 2,500 | none |
| | 6,501 - 15,000 | \$0.12 | | 2,501 - 5,000 | \$0.25 |
| | 15,001 - 32,000 | \$0.17 | | 5,001 - 8,000 | \$0.50 |
| | 32,001 - 65,000 | \$0.19 | | > 8,001 | \$0.75 |
| | > 65,000 | \$0.21 | | | |
| 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. | | | 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. * For qualified member firms accounting for 2% or more of FX Futures Globex volume on a quarterly basis, the EFP Exchange Fee will be reduced by \$0.50 for all EFP volume. | | |

| | | | | | |
|--|---|--------------------------|--|---|--|
| On a tiered basis, for IIP and IVIP 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 traded FX and E-mini FX Products 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. | | |
| IIP & IVIP Participants | FX Futures/Options & E-mini FX Futures | | CTA/Hedge Fund Program Participants | FX Futures/Options & E-mini FX Futures | |
| 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 - 250 | \$1.20 |
| International Volume Incentive Program (IVIP) | 1,001 - 5,000 | \$0.13 | | 251 - 1,000 | \$0.98 |
| | > 5,000 | \$0.18 | | 1,001 - 2,000 | \$0.87 |
| Volume is aggregated by account owner across accounts, across clearing/billing firms. | | | | 2,001 - 5,000 | \$0.77 |
| | | | | > 5,000 | \$0.65 |
| | | | Volume is aggregated by account owner across accounts, across clearing/billing firms. | | |

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| Fees are charged per side (both buy and sell side) per contract. | Venue/Transaction Type | Interest Rate | | | Eurodollar Bundle | | | | | | |
|---|---------------------------------|---------------|----------------------------|---------|--------------------|--------|---------|---------|--------|---------|--|
| | | Futures | | Options | 2-Year | 3-Year | 5-Year | 2-Year | 3-Year | 5-Year | |
| | | Front Months | Back Months ⁽¹⁾ | | Futures | | | Options | | | |
| 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 | | \$0.09 | N/A ⁽³⁾ | | | \$0.75 | \$1.10 | \$1.75 | |
| | Globex - Outrights | \$0.19 | \$0.14 | \$0.24 | \$1.52 | \$2.28 | \$3.80 | \$0.90 | \$1.25 | \$1.90 | |
| | Globex - Spreads | | | | \$0.38 | | | | | | |
| | EFP EFR | \$0.19 | \$0.14 | \$0.24 | \$1.52 | \$2.28 | \$3.80 | \$0.90 | \$1.25 | \$1.90 | |
| | Block | \$0.29 | \$0.24 | \$0.34 | \$1.62 | \$2.38 | \$3.90 | \$1.00 | \$1.35 | \$2.00 | |
| | Exercise Assign Future From | \$0.14 | | \$0.14 | \$0.77 | \$1.13 | \$1.85 | \$0.80 | \$1.15 | \$1.80 | |
| Rule 106.D Lessees Rule 106.F Employees | Open Outcry Delivery | \$0.30 | | \$0.30 | N/A ⁽³⁾ | | | \$2.46 | \$3.63 | \$5.98 | |
| | Globex - Outrights | \$0.37 | \$0.32 | \$0.42 | \$2.96 | \$4.44 | \$7.40 | \$2.36 | \$3.42 | \$5.53 | |
| | Globex - Spreads | | | | \$0.74 | | | | | | |
| | EFP EFR | \$0.40 | \$0.35 | \$0.45 | \$3.20 | \$4.80 | \$8.00 | \$2.61 | \$3.78 | \$6.13 | |
| | Block | \$0.50 | \$0.45 | \$0.55 | \$3.30 | \$4.90 | \$8.10 | \$2.71 | \$3.88 | \$6.23 | |
| | Exercise Assign Future From | \$0.35 | | \$0.35 | \$2.45 | \$3.65 | \$6.05 | \$2.51 | \$3.68 | \$6.03 | |
| Rule 106.R Electronic Corporate Member <i>(For other than Globex and EFP EFR Block - See Non-Members)</i> | Globex - Outrights | \$0.44 | \$0.39 | \$0.44 | \$3.52 | \$5.28 | \$8.80 | \$2.89 | \$4.22 | \$6.87 | |
| | Globex - Spreads | | | | \$0.88 | | | | | | |
| | EFP EFR | \$0.80 | \$0.75 | \$0.74 | \$6.40 | \$9.60 | \$16.00 | \$5.35 | \$7.85 | \$12.85 | |
| | Block | \$0.90 | \$0.85 | \$0.84 | \$6.50 | \$9.70 | \$16.10 | \$5.45 | \$7.95 | \$12.95 | |
| Rule 106.H and 106.N Firms Clearing Non-Equity Member Firms | Open Outcry Delivery | \$0.49 | | \$0.49 | N/A ⁽³⁾ | | | \$4.02 | \$5.93 | \$9.76 | |
| | Globex - Outrights | \$0.44 | \$0.39 | \$0.44 | \$3.52 | \$5.28 | \$8.80 | \$2.89 | \$4.22 | \$6.87 | |
| | Globex - Spreads | | | | \$0.88 | | | | | | |
| | EFP EFR | \$0.59 | \$0.54 | \$0.59 | \$4.72 | \$7.08 | \$11.80 | \$4.12 | \$6.03 | \$9.86 | |
| | Block | \$0.69 | \$0.64 | \$0.69 | \$4.82 | \$7.18 | \$11.90 | \$4.22 | \$6.13 | \$9.96 | |
| | Exercise Assign Future From | \$0.54 | | \$0.54 | \$3.97 | \$5.93 | \$9.85 | \$4.07 | \$5.98 | \$9.81 | |
| International Incentive Program (IIP) Participants International Volume Incentive Program (IVIP) Participants | Open Outcry Delivery | \$0.46 | | \$0.46 | N/A ⁽³⁾ | | | \$3.02 | \$4.41 | \$7.18 | |
| | Globex - Outrights | \$0.46 | \$0.46 | \$3.68 | \$5.52 | \$9.20 | | | | | |
| | Globex - Spreads | | | \$0.92 | | | | | | | |
| | EFP EFR | \$0.56 | | \$0.56 | \$4.48 | \$6.72 | \$11.20 | \$3.12 | \$4.51 | \$7.28 | |
| | Block | \$0.66 | | \$0.66 | \$4.58 | \$6.82 | \$11.30 | \$3.22 | \$4.61 | \$7.38 | |
| | Exercise Assign Future From | \$0.51 | | \$0.51 | \$3.73 | \$5.57 | \$9.25 | \$3.07 | \$4.46 | \$7.23 | |
| Central Bank Incentive Program (CBIP) Participants Emerging Markets Bank Incentive Program (EMBIP) Participants Latin American Fund Manager Incentive Program (FMIP) Participants Latin American Proprietary Trading Incentive Program (LAPTIP) Participants <i>(For other than Globex and EFP EFR Block - See Non-Members)</i> | Globex - Outrights | \$0.44 | | \$0.44 | \$3.52 | \$5.28 | \$8.80 | \$2.89 | \$4.22 | \$6.87 | |
| | Globex - Spreads | | | | \$0.88 | | | | | | |
| | EFP EFR | \$0.80 | | \$0.74 | \$6.40 | \$9.60 | \$16.00 | \$5.35 | \$7.85 | \$12.85 | |
| | Block | \$0.90 | | \$0.84 | \$6.50 | \$9.70 | \$16.10 | \$5.45 | \$7.95 | \$12.95 | |
| Members Trading Outside of Division <i>(For other than Globex During ETH - See Non-Members)</i> | Globex - During ETH - Outrights | \$0.80 | \$0.75 | \$0.79 | \$6.40 | \$9.60 | \$16.00 | \$5.40 | \$7.90 | \$12.90 | |
| | Globex - During ETH - Spreads | | | | \$1.60 | | | | | | |
| Non-Members <i>(Including: Latin American Commercial Incentive Program (LACIP) Participants, CTA/Hedge Fund Incentive Program Participants & CBOE Members)</i> | Open Outcry Delivery | \$0.70 | | \$0.64 | N/A ⁽³⁾ | | | \$5.25 | \$7.75 | \$12.75 | |
| | Globex - Outrights | \$1.25 | \$0.95 | \$0.89 | \$6.40 | \$9.60 | \$16.00 | \$5.50 | \$8.00 | \$13.00 | |
| | Globex - Spreads | | | | \$1.60 | | | | | | |
| | Globex - Bundles ⁽²⁾ | \$0.80 | | N/A | N/A | | | N/A | | | |
| | EFP EFR | \$1.25 | \$0.95 | \$0.89 | \$6.40 | \$9.60 | \$16.00 | \$5.50 | \$8.00 | \$13.00 | |
| | Block | \$1.35 | \$1.05 | \$0.99 | \$6.50 | \$9.70 | \$16.10 | \$5.60 | \$8.10 | \$13.10 | |
| | Exercise Assign Future From | \$0.75 | | \$0.69 | \$5.65 | \$8.45 | \$14.05 | \$5.30 | \$7.80 | \$12.80 | |

| 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) The Exchange Fee is waived for Delivery transactions in Eurodollar Bundle Futures . | |

| CME Interest Rate Product Volume Discounts | | | | |
|--|--|-----------------------|--|-----------------------|
| On a tiered basis, the Exchange fee for Interest Rate Products will be reduced for trading volumes exceeding designated monthly average daily volume thresholds. Open outcry & CME Globex volume is combined, but futures and options are treated separately. Eurodollar & Mid-Curve options are treated as one product. | | | | |
| 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, per product, 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 product per trading account within a single clearing/billing firm. *The Eurodollar Bundle Products are included in the volume discounts with the following multipliers, for both the volume accumulation as well as the Exchange fee discount rate: 2-year Bundle = 8 Eurodollar contracts; 3-year Bundle = 12 Eurodollar contracts; 5-year Bundle = 20 Eurodollar contracts . | | | | |

| On a tiered basis, for Rule 106.R and Rule 106.H/N Member Firms , the Exchange fee for electronically traded Eurodollar/Euribor/Euroyen Futures and Euroyen Options will be reduced for trading volumes exceeding designated total monthly volume thresholds. | | | On a tiered basis, for IIP and IVIP Participants , the Exchange fee for electronically traded Interest Rate Futures and Options combined will be reduced for trading volumes exceeding designated monthly average daily volume thresholds. Excludes Eurodollar Bundle Products. | | |
|--|--|-----------------------|---|--|---------------------------------|
| Rule 106.R & Rule 106.H/N Member Firms | ED/EB/EY Futures & EY Options | | IIP & IVIP 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 and 106.N Firms | 0 - 15,000 | none | International Incentive Program (IIP) Participants International Volume Incentive Program (IVIP) Participants | 0 - 1,000 | \$0.00 |
| | 15,001 - 50,000 | \$0.10 | | 1,001 - 5,000 | \$0.11 |
| | > 50,000 | \$0.20 | | > 5,000 | \$0.21 |
| Volume is aggregated per product, 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

- * 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.
- * Exchange Fees are charged to the clearing (carrying) firm on all give-up trades.
- * Mutual Offset (CME-SGX) trades are charged the transaction fees at the Executing Exchange only.
- * Deliveries, Exercises, Assignments, and Futures from Exercises/Assignments are charged at Customer rates. If these transactions are eligible for Member rates, they must be allocated to the associated account(s) in the CME Group Exchange Fee System.
- * There are no fees charged for expired options or fungible offsets.
- * Refer to the following Fee Policy Bulletins web page for information about the following: <http://www.cmegroup.com/tools-information/fee-policy-bulletins.html>
 - * Exchange fees for CME Globex transactions are based on the combined memberships of the operator and account owner.
 - * In order to obtain member Exchange fees, CME rules require that trading of member firms be conducted by certain qualified individuals.

| 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. |
| | \$0.15 | Both sides of a transfer (charged per contract leg) resulting from an offset of S&P and E-mini S&P European Style Options |
| 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 | Trade executed using the CME Group facilitation services of the Global Command Center (GCC). |

Fee Waivers

| Product | Effective Date | Expiration Date | Waiver Description |
|-------------------------------------|----------------|-----------------|--|
| All OTC FX Products | 04/18/2011 | 06/30/2017 | All Fees |
| Interest Rate Options | 06/01/2014 | 12/31/2017 | Give-Up Surcharge Fees for all CME Interest Rate Options executed on CME Globex during Extended Trading Hours (ETH) only |
| Bloomberg Dollar Spot Index Futures | 04/04/2016 | 06/30/2017 | All Exchange Fees |
| FX Volatility Quoted Options | 11/14/2016 | 06/30/2017 | Globex Exchange Fees; also waived for the auto-hedge Futures leg associated with the Volatility-Quoted option. |

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 Crude Palm Oil Calendar Swaps | 06/03/2013 | CBOT Individual/Firm Members (Full) - CME Equity Member rates; CBOT Lessees (Full) - 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 | | |

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| Listed fee waivers/discounts apply only to registered market makers or incentive program participants as follows: | | | |
|---|----------------|-----------------|--|
| Agricultural & Alternative Investment Products | Effective Date | Expiration Date | Fee Waiver / Discount |
| Dairy Futures (Class III Milk, Class IV Milk, Cash Settled Butter, Cash Settled Cheese, Dry Whey, Nonfat Dry Milk) | 01/01/2012 | 12/31/2017 | Globex Exchange Fees Waived |
| Forestry (Random Length Lumber) Futures | 12/01/2008 | 12/31/2017 | Globex Exchange Fees Waived |
| Livestock Options (Feeder Cattle, Lean Hog, Live Cattle) & Dairy Options (Class III Milk, Class IV Milk, Cash Settled Butter, Cash Settled Cheese, Dry Whey, Nonfat Dry Milk) | 12/04/2006 | 02/28/2017 | Globex Exchange Fees discounted based on market maker rankings in each product |
| Weather Futures and Options | 05/13/2002 | 06/30/2017 | Globex and EFP EFR Block Exchange Fees waived |
| Equity Products | Effective Date | Expiration Date | Fee Waiver / Discount |
| E-mini FTSE 100 Index Futures, E-mini USD Denominated FTSE 100 Index Futures, E-mini FTSE 50 China Index Futures | 10/12/2015 | 12/31/2017 | Globex Exchange Fees Waived; may also be eligible for additional fee credits if eligibility requirements are met |
| E-mini Nifty 50 Index Futures | 08/01/2015 | 06/30/2017 | Globex Exchange Fees Waived; may also be eligible for additional fee credits if eligibility requirements are met |
| E-mini Nikkei 225 Yen Denominated Futures | 06/18/2012 | 12/31/2017 | Globex Exchange Fees Waived; may also be eligible for additional fee credits if eligibility requirements are met |
| E-mini Russell 1000 Index Futures, E-mini Russell 1000 Growth Index Futures, E-mini Russell 1000 Value Index Futures | 09/21/2015 | 12/31/2017 | Globex Exchange Fees Waived; may also be eligible for additional fee credits if eligibility requirements are met |
| E-mini S&P Select Sector Index Futures | 03/14/2011 | 06/30/2017 | Globex Exchange Fees Waived; may also be eligible for additional fee credits if eligibility requirements are met |
| E-mini S&P 500, E-mini Nasdaq 100 Futures, E-mini Russell 1000 Index Futures | 11/16/2015 | 12/31/2017 | Globex Exchange Fees Waived for Basis Trade at Index Close (BTIC) transactions via CME Globex |
| Nikkei 225 Yen Denominated Futures, E-mini Yen Denominated Futures and USD Denominated Futures | 01/01/2013 | 12/31/2017 | 10% discount on Globex Exchange Fees for participants who exceed their baseline monthly ADV threshold by 10% or more; additional Overnight Hours (ONH) flat rate discount per contract traded during ONH if minimum ONH ADV threshold is met |
| S&P 500 Annual Dividend Futures and S&P 500 Quarterly Dividend Futures | 11/16/2015 | 12/31/2017 | Globex Exchange Fees Waived |
| S&P/Case-Shiller Home Price Index Futures | 05/22/2006 | 12/31/2017 | Globex Exchange Fees Waived |
| USD Denominated Ibovespa Futures | 10/22/2012 | 12/31/2017 | Globex Exchange Fees Waived; may also be eligible for additional fee credits if eligibility requirements are met |
| Foreign Exchange Products | Effective Date | Expiration Date | Fee Waiver / Discount |
| E-Micro Foreign Exchange Futures | 01/01/2010 | 12/31/2017 | Globex Exchange Fees Waived |
| Foreign Exchange Options (excluding Volatility Quoted Options) | 12/18/2006 | 12/31/2017 | Fee credit of \$0.15 per side |
| FX Futures Cross Currency | 09/01/2008 | 12/31/2017 | Globex Exchange Fees waived (for specified cross currency and low liquidity futures) |
| Indian Rupee (INR/USD) FX Futures | 01/01/2015 | 12/31/2017 | Globex Exchange Fees Waived |
| USD/Chilean Peso (USD/CLP) FX Futures | 03/15/2015 | 03/14/2018 | Globex and EFP EFR Block Exchange Fees and Give-up Surcharge waived; may also be eligible for additional fee credits if eligibility requirements are met |
| USD/CNH FX Futures | 03/15/2016 | 12/31/2017 | Globex and Block Exchange Fees waived; may also be eligible for additional fee credits if eligibility requirements are met |
| Non-Core FX Futures | 04/01/2016 | 12/31/2017 | Block Exchange Fees waived (for specified non-core FX futures) |
| Bloomberg Dollar Index Futures | 04/04/2016 | 12/31/2017 | Globex and EFP EFR Block Exchange Fees waived; may also be eligible for additional fee credits if eligibility requirements are met |
| Chilean Peso/USD (CLP/USD) FX Futures | 08/01/2016 | 06/30/2017 | Globex and EFP EFR Block Exchange Fees and Give-up Surcharge waived; may also be eligible for additional fee credits if eligibility requirements are met |
| FX Volatility Quoted Options | 11/14/2016 | 12/31/2017 | Globex Exchange Fees waived; may also be eligible for additional fee credits if eligibility requirements are met |
| Interest Rate Products | Effective Date | Expiration Date | Fee Waiver / Discount |
| Eurodollar Futures | 05/01/2006 | 12/31/2017 | Fee credits based on participant's pack and bundle volume levels |
| Eurodollar Options and Eurodollar Bundle Options | 10/01/2006 | 12/31/2017 | Fee credit of \$0.15 per side |

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