Metals 2019
Product Guide and Calendar
As the world’s leading and most diverse derivatives marketplace, CME Group (cmegroup.com) is where the world comes to manage risk. CME Group offers 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.
Metals at CME Group

In today’s rapidly moving Metals markets, CME Group helps you forge ahead with certainty by enabling you to:

• Trade the most comprehensive Metals offering that covers all of your needs in one marketplace;
• Tap into unparalleled Precious Metals liquidity and our expanded slate of Base and Ferrous metals solutions, available around the clock, providing reliable access when you need it most;
• Capitalize on innovative product design that makes it easier to execute while reducing your costs to trade.

2018 was another extraordinary year for our Metals business after continuous growth in the last few years. By listening to our customers’ needs and delivering on our commitments to them, we achieved significant growth across our metals products. Average daily volumes surpassed 638,000 contracts in 2018, up 12% from 2017. Liquidity in the flagship products continued to improve particularly during non-US hours.

In addition, we have been determinedly investing in new products and creating innovative solutions for our customers. In 2018, we extended/added the TAS (Trade at Settlement) offerings to various futures products (Gold, Silver, Copper, Platinum, Palladium, E-Micro Gold). Multiple product adjustments were implemented to the existing contracts based on customer feedback, including Palladium Futures and Option tick size change and Silver Options strike price listing rule, additions. On February 19, CME Group launched an Aluminum MW U.S. Premium Transaction Platts (25MT) Average Price Option (ALO). We also globalized the Aluminum Futures contract by expanding the warehouse network to Europe and Asia.

In precious metals, Gold Futures, Silver Futures, Platinum Futures, and E-micro Gold Futures set new annual volume records while Gold Weekly Options set new records in all volume and open interest categories and saw an increase in ADV of 179% year over year. Platinum Futures also reached a record level open interest of 94,107 contracts on September 12.

In base metals, the most notable growth came from Copper Options, with volumes traded up by 226%. Multiple open interest and daily volume records were reached with the most recent single day volume record of 12,533 and open interest of 54,081 contracts on Feb 20, 2019. Various volume and open interest records were surpassed in our aluminum premium product suite.

Steel futures also saw record volumes, supported by the increased volatility in the underlying and the growing number of market participants. Along with US Busheling Scrap and Iron Ore contracts, US Midwest Hot-Rolled Coil Steel Futures (HRC) proved the perfect tool to manage regionally relevant steel, scrap and global iron ore price risk. HRC reached record ADV of 749 contracts in August and ADV increased 88% YoY.

In this guide, you will find the complete list of CME Group’s Metals products and relevant information. For product offering updates after February 2019, please visit cmegroup.com/metals for details.

Discover the benefits of CME Group Metals. Visit cmegroup.com/metals today.
Connect
Connect seamlessly to electronic markets with flexible execution choices that enhance your access to liquidity:

• CME Globex, a global electronic trading system for futures and options
• CME ClearPort, a comprehensive set of flexible clearing services for the global OTC market
• CME Direct, a highly-configurable trading front end for CME Group markets that offers a complete suite of solutions across the trading life cycle. Access both QuikStrike, an integrated options analytics tool, and CME Pivot, an open instant messaging platform.

Trade
Benefit from the broadest listed Metals product offering, providing single platform access and potential for margin offset savings.

Global Repository Services
CME Global Repository Services provides multi-asset class reporting solutions to help market participants to comply with their Global Regulatory Reporting requirements. We enable clients to meet their requirements through trade reporting services including the CME European Trade Repository (CME ETR), CME Swap Data Repository (CME SDR), CME Canadian Trade Repository (CME CTR), and now CME Australia Trade Repository (CME ATR).
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CME Metals Futures and Options:
CONTRACT SPECIFICATIONS

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Trading Hours

CME Globex:

Chicago (Central Time):
Sunday – Opens at 5:00 p.m. (for the next trade date) – 4:00 p.m. the following day.
Monday through Friday – Opens at 5:00 p.m. (for the next trade date) – 4:00 p.m. the next day.
Except on Friday – Closes at 4:00 p.m. and reopens Sundays at 5:00 p.m.

New York (Eastern Time):
Sunday – Opens at 6:00 p.m. (for the next trade date) - 5:00 p.m. the following day.(for the next trade date) – 5:00 p.m. the following day.
Monday through Friday – Opens at 6:00 p.m. (for the next trade date) – 5:00 p.m. the next day.
Except on Friday – Closes at 5:00 p.m. and reopens Sundays at 6:00 p.m.

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

Singapore/Hong Kong (UTC/GMT+8):
Monday – Opens at 7:00 a.m. – 6:00 a.m. the following day.
Tuesday through Saturday – Opens at 7:00 a.m. – 6:00 a.m. the next day.
Except on Saturday – Closes at 6:00 a.m. and reopens Monday at 7:00 a.m.

CME ClearPort:

Chicago (Central Time):
Sunday through Friday – 5:00 p.m. – 4:00 p.m. with a 60-minute break each day beginning at 4:00 p.m.
New York (Eastern Time):
Sunday through Friday – 5:00 p.m. – 4:00 p.m. with a 60-minute break each day beginning at 4:00 p.m.

London (GMT):
Sunday through Friday – 11:00 p.m. – 10:00 p.m. the following day with a 60-minute break each day beginning at 10:00 p.m.

Singapore/Hong Kong (UTC/GMT+8):
Monday through Saturday – 7:00 a.m. – 6:00 a.m. the following day with a 60-minute break each day beginning at 6:00 a.m.

Note 1: for detailed trading hours by product, please visit cmegroup.com/trading-hours.html#metals

Note 2: Times listed are when daylight saving time is not in effect.
Metals

PRECIOUS METALS FUTURES AND OPTIONS CONTRACTS

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GOLD FUTURES

Product Code
CME Globex: GC
CME ClearPort: GC
Clearing: GC
TAS: GCT
TAM: GCD

Contract Size
100 troy ounces

Grade and Quality
Gold delivered under this contract shall assay to a minimum of 995 fineness.

Settlement
Deliverable

Minimum Price Fluctuation
$0.10 per troy ounce

Listed Contracts
Trading is conducted for delivery during the current calendar month; the next two calendar months; any February, April, August, and October falling within a 23-month period; and any June and December falling within a 72-month period beginning with the current month.

Termination of Trading
Trading terminates on the third last business day of the delivery month.

Trading at Settlement
Trading at Settlement (TAS) is allowed in the nearest four active contract months. The active contract months will be February, April, June, August and December. TAS transactions may be executed at the current day’s settlement price or at any valid price increment ten ticks higher or lower than the settlement price.

Trade at Marker
Trading at Marker (TAM) is analogous to our existing Trading at Settlement (TAS) wherein parties are permitted to trade at a differential that represents a not-yet-known price. TAM trading will use a marker price, whereas TAS trading uses the Exchange-determined settlement price for the applicable contract month. As with TAS trading, parties enter TAM orders at the TAM price or at a differential between one and ten ticks higher or lower than the TAM price. Trading at Marker is available for the London p.m. Marker on the nearest active month (February, April, June, August, December).

Delivery Period
Any business day of the delivery month
GOLD KILO FUTURES

Product Code
CME Globex: GCK
CME ClearPort: GCK
Clearing: GCK

Contract Size
One kilogram (32.15 troy ounces)

Grade and Quality
Gold delivered under this contract shall assay to a minimum of 9999 fineness.

Settlement
Deliverable

Minimum Price Fluctuation
$0.10 per troy ounce

Listed Contracts
The current calendar month, the next two calendar months, and each February, April, June, August, October, and December falling within a 12-month period beginning with the current contract month.

Termination of Trading
Three business days prior to the Delivery Day

Delivery Period
Third Wednesday of the delivery month
**E-MICRO GOLD FUTURES**

**Product Code**
- CME Globex: MGC
- CME ClearPort: MGC
- Clearing: MGC
- TAS: MGT

**Contract Size**
10 troy ounces

**Grade and Quality**
Gold delivered under this contract shall assay to a minimum of 995 fineness.

**Settlement**
Deliverable

**Minimum Price Fluctuation**
$0.10 per troy ounce

**Listed Contracts**
Trading is conducted for delivery in any February, April, June, August, October, and December falling within a 24-month period for which a 100 Troy Ounce Gold Futures contract is listed.

**Termination of Trading**
Trading terminates on the third last business day of the delivery month.

**Trading at Settlement**
Trading at Settlement (TAS) is allowed in the nearest three active contract months. The active contract months will be February, April, June, August and December. TAS transactions may be executed at the current day’s settlement price or at any valid price increment ten ticks higher or lower than the settlement price.
E-MINI GOLD FUTURES

Product Code
CME Globex: QO
CME ClearPort: QO
Clearing: QO

Contract Size
50 troy ounces

Settlement
Financially Settled

Minimum Price Fluctuation
$0.25 per troy ounce

Listed Contracts
Trading is conducted for delivery in any February, April, June, August, October, and December falling within a 24-month period for which a 100 Troy Ounce Gold Futures contract is listed.

Termination of Trading
Trading terminates on the third last business day of the month preceding the delivery month.
SILVER FUTURES

Product Code
CME Globex: SI
CME ClearPort: SI
Clearing: SI
TAS: SIT

Contract Size
5,000 troy ounces

Grade and Quality
Silver delivered under this contract shall assay to a minimum of 999 fineness.

Settlement
Deliverable

Minimum Price Fluctuation
Outright transactions: $0.005 per troy ounce. Straddle or spread transactions and settlement prices: $0.001 per troy ounce.

Listed Contracts
Trading is conducted for delivery during the current calendar month; the next two calendar months; any January, March, May, and September falling within a 23-month period; and any July and December falling within a 60-month period beginning with the current month.

Termination of Trading
Trading terminates on the third last business day of the delivery month.

Trading at Settlement
Trading at Settlement (TAS) is allowed in the nearest four active contract months. The active contract months will be March, May, July, September and December. TAS transactions may be executed at the current day’s settlement price or at any valid price increment ten ticks higher or lower than the settlement price.

Delivery Period
Any business day of the delivery month
1,000-OZ. SILVER FUTURES

Product Code
CME Globex: SIL
CME ClearPort: SIL
Clearing: SIL

Contract Size
1,000 troy ounces

Grade and Quality
Silver delivered under this contract shall assay to a minimum of 999 fineness.

Settlement
Deliverable

Minimum Price Fluctuation
Outrights: $0.01 per troy ounce
Spreads: $0.005 per troy ounce
Settlement: $0.001 per troy ounce

Listed Contracts
Current calendar month; the next two calendar months; any January, March, May, July, September, and December falling within a 12-month period.

Termination of Trading
Third last business day of the contract month
E-MINI SILVER FUTURES

Product Code
CME Globex: QI
CME ClearPort: QI
Clearing: QI

Contract Size
2,500 troy ounces

Settlement
Financially Settled

Minimum Price Fluctuation
$0.0125 per troy ounce

Listed Contracts
Trading is conducted in any January, March, May, July, September, and December contract month falling within the current 24-month period for which a 5,000 Troy Ounce Silver Futures contract is listed.

Termination of Trading
Trading terminates on the third last business day of the month preceding the delivery month.
PLATINUM FUTURES

Product Code
CME Globex: PL
CME ClearPort: PL
Clearing: PL
TAS: PLT

Contract Size
50 troy ounces

Grade and Quality
Platinum delivered under this contract shall be a minimum of 99.95 pure.

Settlement
Deliverable

Minimum Price Fluctuation
$0.10 per troy ounce

Listed Contracts
Trading is conducted over 15 months beginning with the current month and the next two calendar months before moving into the quarterly cycle of January, April, July, and October.

Termination of Trading
Trading terminates on the third last business day of the delivery month.

Trading at Settlement
Trading at Settlement (TAS) is allowed in the nearest two active contract months. The active contract months are January, April, July and October. TAS transactions may be executed at the current day’s settlement price or at any valid price increment ten ticks higher or lower than the settlement price.

Delivery Period
Any business day of the delivery month
PALLADIUM FUTURES

Product Code
CME Globex: PA  
CME ClearPort: PA  
Clearing: PA  
TAS: PAT

Contract Size
100 troy ounces

Grade and Quality
Palladium delivered under this contract shall be a minimum of 99.95 pure.

Settlement
Deliverable

Minimum Price Fluctuation
$0.10 per troy ounce

Listed Contracts
Trading is conducted over 15 months beginning with the current month and the next two calendar months before moving into the quarterly cycle of March, June, September, and December.

Termination of Trading
Trading terminates on the third last business day of the delivery month.

Trading at Settlement
Trading at Settlement is available in the first active contract month. The active contract months are March, June, September, and December. On any given date, TAS transactions will be allowed only in a single contract month. TAS transactions may be executed at the current day’s settlement price or at any valid price increment ten ticks higher or lower than the settlement price.

Delivery Period
Any business day of the delivery month
GOLD/SILVER RATIO FUTURES

**Product Code**
CME Globex: GSR  
CME ClearPort: GSR  
Clearing: GSR

**Contract Size**
$500*index (GC/SI)

**Settlement**
Financially Settled

**Minimum Price Fluctuation**
0.05 index points

**Listed Contracts**
Monthly contracts listed for nearest two cycle month combinations

**Floating Price**
The Floating Price shall be determined on the last trading day of a contract month and shall be calculated using the prices for Gold Futures and Silver Futures published by the Exchange. For a contract month, the reference month of the Gold Futures price shall be same month or the next nearest month in the cycle February, April, June, August, and December. For a contract month, the reference month of the Silver Futures price shall be same month or the next nearest month in the cycle March, May, July, September and December. The Gold Futures price will be determined by a volume weighted average price (VWAP) during the 1:24-1:25pm EST period of the reference month. The Silver Futures price will be the settlement price of the reference month.

The Floating Price shall be the Gold Futures price divided by the Silver Futures price and shall be rounded to two decimal places.

**Termination of Trading**
Trading terminates on the third last business day of the calendar month prior to the contract month.

<table>
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<tr>
<th>Contract Month</th>
<th>Gold</th>
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<th>Termination Date – third last business day of this month</th>
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GOLD/PLATINUM SPREAD FUTURES

Product Code
CME Globex: GPS
CME ClearPort: GPS
Clearing: GPS

Contract Size
100 troy ounces

Settlement
Financially Settled

Minimum Price Fluctuation
$0.10 per troy ounce

Listed Contracts
Monthly contracts listed for nearest two cycle month combinations

Floating Price
The Floating Price shall be determined on the last trading day of a contract month and shall be calculated using the prices for Gold Futures and Platinum Futures published by the Exchange. For a contract month, the reference month of the Gold Futures price shall be same month or the next nearest month in the cycle February, April, June, August, and December. For a contract month, the reference month of the Platinum Futures price shall be same month or the next nearest month in the cycle January, April, July, and October. The Gold Futures price will be determined by a volume weighted average price (VWAP) during the 1:03-1:05pm EST period of the reference month. The Platinum Futures price will be the settlement price of the reference month.

Termination of Trading
Trading terminates on the third last business day of the calendar month prior to the contract month.

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<th>Contract Month</th>
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PLATINUM/PALLADIMUM SPREAD FUTURES

Product Code
CME Globex: PPS
CME ClearPort: PPS
Clearing: PPS

Contract Size
100 troy ounces

Settlement
Financially Settled

Minimum Price Fluctuation
$0.05 per troy ounce

Listed Contracts
Monthly contracts listed for nearest two cycle month combinations

Floating Price
The Floating Price shall be determined on the last trading day of a contract month and shall be calculated using the settlement prices for Platinum Futures and Palladium Futures published by the Exchange. For a contract month, the reference month of the Platinum Futures price shall be same month or the next nearest month in the cycle January, April, July, and October. For a contract month, the reference month of the Palladium Futures price shall be same month or the next nearest month in the cycle March, June, September and December.

The Floating Price shall be the Platinum Futures price minus the Palladium Futures price and shall be rounded to two decimal places.

Termination of Trading
Trading terminates on the third last business day of the calendar month prior to the contract month.

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<tr>
<th>Contract Month</th>
<th>Platinum</th>
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LONDON SPOT GOLD FUTURES

Product Code
CME Globex: GSP
CME ClearPort: GSP
Clearing: GSP
Inter-Commodity Spread (Spot Spread): GC:GSP

Contract Size
100 fine troy ounces

Grade and Quality
Gold delivered under this contract shall be gold which meets or exceeds the standards of the London Bullion Market Association within its Good Delivery Rules and Good Delivery Specifications for ‘Loco London’ delivery.

Settlement
Deliverable

Minimum Trade Price Fluctuation
$0.10 per fine troy ounce

Minimum Daily and Final Settlement Price Fluctuation
$0.01 per troy ounce

Minimum Spread Price Fluctuation
GC:GSP $0.01 per troy ounce

Listed Contracts
Trading in London Spot Gold futures is regularly conducted in Contract Days. Unless otherwise determined by the Exchange, one Contract Day is made available for trading on any given trading day. A Contract Day references the day of delivery.

Termination of Trading
Trading terminates daily.

Delivery Period
Delivery Day shall be two London business days following the contract’s trade date unless such day is not also a banking day in New York, in which case the Delivery Day shall be the next following day that is a banking day in both London and New York.
**LONDON SPOT SILVER FUTURES**

**Product Code**
CME Globex: SSP  
CME ClearPort: SSP  
Clearing: SSP  
Inter-Commodity Spread (Spot Spread): SI:SSP

**Contract Size**
5,000 fine troy ounces

**Grade and Quality**
Silver delivered under this contract shall be gold which meets or exceeds the standards of the London Bullion Market Association within its Good Delivery Rules and Good Delivery Specifications for 'Loco London' delivery.

**Settlement**
Deliverable

**Minimum Trade Price Fluctuation**
$0.005 per fine troy ounce

**Minimum Daily and Final Settlement Price Fluctuation**
$0.001 per troy ounce

**Minimum Spread Price Fluctuation**
SI:SSP $0.001 per troy ounce

**Listed Contracts**
Trading in London Spot Silver futures is regularly conducted in Contract Days. Unless otherwise determined by the Exchange, one Contract Day is made available for trading on any given trading day. A Contract Day references the day of delivery.

**Termination of Trading**
Trading terminates daily.

**Delivery Period**
Delivery Day shall be two London business days following the contract’s trade date unless such day is not also a banking day in New York, in which case the Delivery Day shall be the next following day that is a banking day in both London and New York.
GOLD OPTIONS

Product Code
CME Globex: OG
CME ClearPort: OG
Clearing: OG

Contract Unit
One COMEX Gold futures contract

Minimum Price Fluctuation
$0.10 per troy ounce

Listed Contracts
Gold futures options shall be listed for trading in each of the nearest twenty (20) consecutive futures contract months. In addition, June and December will be listed for 72 months from the current listed month.

Exercise Style
American

Termination of Trading
Expiration occurs four business days prior to the end of the month preceding the option contract month. If the expiration day falls on a Friday or immediately prior to an Exchange holiday, expiration will occur on the previous business day.

Strike Prices/Strike Price Intervals
Transactions shall be conducted for option contracts as set forth in Rule 300.20.

Settlement
Deliverable

Underlying
Gold Futures

Exercise Month for Options
cmegroup.com/trading/metals/files/PM236_Metals_Option_Exercise.pdf
GOLD WEEKLY OPTIONS

Product Code
CME Globex: OG1-OG5
CME ClearPort: OG1-OG5
Clearing: OG1-OG5

Contract Unit
100 troy ounces

Minimum Price Fluctuation
$0.10 per troy ounce

Listed Contracts
Four weekly expirations (Friday)

Exercise Style
American

Termination of Trading
Options expire on Friday. If the Friday of the listing is a scheduled Exchange holiday, the option shall terminate on the first Business Day immediately preceding the Friday. However, if the first Business Day immediately preceding the Friday is the expiration of a Gold monthly option, the weekly option shall not be listed for trading.

Strike Prices/Strike Price Intervals
Transactions shall be conducted for option contracts as set forth in Rule 300.20.

Settlement
Deliverable

Underlying
Gold Futures
SILVER OPTIONS

Product Code
CME Globex: SO
CME ClearPort: SO
Clearing: SO

Contract Unit
One COMEX Silver futures contract

Minimum Price Fluctuation
$0.001 per troy ounce

Listed Contracts
Trading is conducted in (a) the nearest five of the following contract months: March, May, July, September, and December and (b) the nearest January, February, April, June, August, October, and November such that a total of six consecutive calendar months from and including the current listed futures contract month are listed at all times and (c) any July and December during a 60 month period from and including the current listed contract month.

Exercise Style
American

Termination of Trading
Expiration occurs four business days prior to the end of the month preceding the option contract month. If the expiration day falls on a Friday or immediately prior to an Exchange holiday, expiration will occur on the previous business day.

Strike Prices/Strike Price Intervals
Transactions shall be conducted for option contracts as set forth in Rule 300.20.

Settlement
Deliverable

Underlying
Silver Futures

Exercise Month for Options
cmegroup.com/trading/metals/files/PM236_Metals_Option_Exercise.pdf
SILVER WEEKLY OPTIONS

Product Code
CME Globex: SO1-SO5
CME ClearPort: SO1-SO5
Clearing: SO1-SO5

Contract Unit
5,000 Troy Ounces troy ounces

Minimum Price Fluctuation
$0.001 per troy ounce

Listed Contracts
Four weekly expirations (Friday)

Exercise Style
American

Termination of Trading
Options expire on Friday. If the Friday of the listing is a scheduled Exchange holiday, the option shall terminate on the first Business Day immediately preceding the Friday. However, if the first Business Day immediately preceding the Friday is the expiration of a Silver monthly option, the weekly option shall not be listed for trading.

Strike Prices/Strike Price Intervals
Transactions shall be conducted for option contracts as set forth in Rule 300.20.

Settlement
Deliverable

Underlying
Silver Futures
PLATINUM OPTIONS

Product Code
CME Globex: PO
CME ClearPort: PO
Clearing: PO

Contract Unit
One NYMEX Platinum futures contract

Minimum Price Fluctuation
$0.10 per troy ounce

Listed Contracts
Trading is conducted in the nearest three consecutive calendar contract months, plus the next three months of the quarterly cycle of January, April, July, and October.

Exercise Style
American

Termination of Trading
Expiration occurs at the close of trading on the third Wednesday of the month preceding the option contract month. In the event that such business day precedes an Exchange holiday, the expiration date shall be the preceding business day.

Strike Prices/Strike Price Intervals
Transactions shall be conducted for option contracts as set forth in Rule 300.20.

Settlement
Deliverable

Underlying
Platinum Futures

Exercise Month for Options
cmegroup.com/trading/metals/files/PM236_Metals_Option_Exercise.pdf
PALLADIUM OPTIONS

Product Code
CME Globex: PAO
CME ClearPort: PAO
Clearing: PAO

Contract Unit
One NYMEX Palladium Futures

Minimum Price Fluctuation
$0.10 per troy ounce

Listed Contracts
Trading is conducted in the nearest three consecutive calendar contract months, plus the next three months of the quarterly cycle of March, June, September, and December.

Exercise Style
American

Termination of Trading
Expiration occurs at the close of trading on the third Wednesday of the month preceding the option contract month. In the event that such business day precedes an Exchange holiday, the expiration date shall be the preceding business day.

Strike Prices/Strike Price Intervals
Transactions shall be conducted for option contracts as set forth in Rule 300.20.

Settlement
Deliverable

Underlying
Palladium Futures

Exercise Month for Options
cmegroup.com/trading/metals/files/PM236_Metals_Option_Exercise.pdf
CLEARED OTC LONDON GOLD FORWARDS (CASH MARGIN)

**Product Code**
CME ClearPort: GBC
Clearing: GBC

**Contract Unit**
.001 troy ounces

**Minimum Price Fluctuation**
$0.001 per troy ounce

**Termination of Trading**
Trades can be submitted for clearing through CME ClearPort up to and including one good business day prior to the delivery date.

**Delivery Period**
London Good Delivery as specified by the LBMA at unallocated accounts held at LPMCL member banks. Delivery can be made on any good business day in the LBMA calendar, with a maximum available maturity of 10 years from spot.
Cleared OTC London Silver Forwards (Cash Margin)

Product Code
CME ClearPort: LSF
Clearing: LSF

Contract Unit
.001 troy ounces

Minimum Price Fluctuation
$0.001 per troy ounce

Termination of Trading
Trades can be submitted for clearing through CME ClearPort up to and including one good business day prior to the delivery date.

Delivery Period
London Good Delivery as specified by the LBMA at unallocated accounts held at LPMCL member banks. Delivery can be made on any good business day in the LBMA calendar, with a maximum available maturity of 5 years from spot.
## Metals

### BASE METALS FUTURES AND OPTIONS CONTRACTS

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COPPER FUTURES

Product Code
CME Globex: HG
CME ClearPort: HG
Clearing: HG
TAS: HGT; HG0
TAM: HGF

Contract Size
25,000 pounds

Grade and Quality
The contract (basis) grade for the Grade 1 copper contract shall be Grade 1 Electrolytic Copper Cathodes (full plate or cut) and shall conform to the specifications (as to chemical and physical requirements) for Grade 1 Electrolytic Copper Cathode as adopted by the American Society for Testing and Materials (B115-00), or its latest revision.

Settlement
Deliverable

Minimum Price Fluctuation
$0.0005 per pound

Listed Contracts
Trading is conducted for delivery during the current calendar month, the next 23 calendar months, and any March, May, July, September, and December falling within a 60-month period beginning with the current month.

Termination of Trading
Trading terminates on the third last business day of the delivery month.

Trading at Settlement
Trading at Settlement is available for the nearest four active contract months (HGT). The active contract months are March, May, July, September and December. TAS transactions may be executed at the current day’s settlement price or at any valid price increment ten ticks higher or lower than the settlement price. TAS is also available in the spot month (HG0). Spot month TAS transactions are only permitted at the settlement price (flat or zero).

Delivery Period
Any business day of the delivery month

Trade at Marker
Trading at Marker (TAM) is analogous to our existing Trading at Settlement (TAS) wherein parties are permitted to trade at a differential that represents a not-yet-known price. TAM trading will use a marker price, whereas TAS trading uses the Exchange-determined settlement price for the applicable contract month. As with TAS trading, parties enter TAM orders at the TAM price or at a differential between one and ten ticks higher or lower than the TAM price. Trading at Marker is available for the Copper London Marker on the nearest active month (March, May, July, September, December).
COPPER FINANCIAL FUTURES

Product Code
CME Globex: HGS
CME ClearPort: HGS
Clearing: HGS

Contract Size
25,000 pounds

Settlement
Financially Settled

Minimum Price Fluctuation
$0.0001 per pound

Listed Contracts
Trading is conducted for delivery during the current calendar month, the next 23 calendar months, and any March, May, July, September, and December falling within a 60-month period beginning with the current month for which a Copper Futures contract is listed.

Termination of Trading
Trading terminates on the last business day of the contract month (follows the US banking holiday schedule).
E-MINI COPPER FUTURES

Product Code
CME Globex: QC
CME ClearPort: QC
Clearing: QC

Contract Size
12,500 pounds

Settlement
Financially Settled

Minimum Price Fluctuation
$0.002 per pound

Listed Contracts
Trading is conducted during the same months as the full-sized Copper futures contract (HG), except the current month.

Termination of Trading
Trading terminates on the third last business day of the month preceding the delivery month.
COPPER PREMIUM GRADE A CIF SHANGHAI (METAL BULLETIN) FUTURES

Product Code
CME Globex: CUP
CME ClearPort: CUP
Clearing: CUP

Contract Size
25 metric tons

Settlement
Financially Settled

Minimum Price Fluctuation
$0.25 per metric ton

Listed Contracts
Monthly contracts listed for 18 consecutive months

Floating Price
The Floating Price for each contract month shall be equal to the arithmetic average calculated to two decimal places of each available daily midpoint of the Copper Grade A cathode Cif Shanghai, low-high, US$/metric tonne for that given calendar month published by Metal Bulletin.

Termination of Trading
Trading terminates on the last business day of the month
ALUMINUM FUTURES

Product Codes
CME Globex: ALI
CME ClearPort: ALI
Clearing: ALI

Contract Size
25 metric tons

Grade and Quality
Aluminum is a duty unpaid contract. Aluminum delivered under this contract must be primary aluminum meeting all of the requirements of the P1020A in the North American and International Registration Record entitled “International Designation and Chemical Composition Limits for Unalloyed Aluminum” (revised March 2007), or its latest revision.

Settlement
Deliverable

Minimum Price Fluctuation
$0.25 per metric ton

Listed Contracts
60 consecutive months

Termination of Trading
Third last business day of the contract month

Delivery Period
Any business day of the delivery month
**ZINC FUTURES**

**Product Code**  
CME Globex: ZNC  
CME ClearPort: ZNC  
Clearing: ZNC

**Contract Size**  
25 metric tons

**Grade and Quality**  
Zinc is a duty unpaid contract. Zinc delivered under this contract must be Special High Grade zinc of 99.995% purity and meeting the chemical composition of either ASTM B6-12 (Standard Specification for Zinc), BS EN 1179:2003 (Zinc and Zinc Alloys), ISO 752:2004 (Zinc ingots), or GB/T 470-2008 (Zinc ingots). Zinc Futures is a duty-unpaid contract. Eligible zinc shall be either duty paid or duty unpaid.

**Settlement**  
Deliverable

**Minimum Price Fluctuation**  
$0.50 per metric ton

**Listed Contracts**  
12 consecutive months

**Termination of Trading**  
Third last business day of the contract month

**Delivery Period**  
Any business day of the delivery month
LEAD FUTURES

Product Code
CME Globex: LED
CME ClearPort: LED
Clearing: LED

Contract Size
25 metric tons

Grade and Quality

Settlement
Deliverable

Minimum Price Fluctuation
$0.50 per metric ton

Listed Contracts
12 consecutive months

Termination of Trading
Trading terminates on the third last business day of the contract month.

Delivery Period
Any business day of the delivery month
ALUMINUM MW U.S. TRANSACTION PREMIUM PLATTS (25MT) FUTURES

Product Code
CME Globex: AUP
CME ClearPort: AUP
Clearing: AUP

Contract Size
55,116 pounds (equivalent to 25 metric tons)

Settlement
Financially Settled

Minimum Price Fluctuation
$0.00001 per pound

Listed Contracts
60 consecutive months

Floating Price
The Floating Price for each contract month is equal to the average price calculated for all available price assessments published for Aluminum MW US Transaction Premium for that given calendar month by S&P Global Platts.

Termination of Trading
Trading terminates on the last business day of the contract month.
ALUMINIUM EUROPEAN PREMIUM DUTY-UNPAID (METAL BULLETIN) FUTURES

Product Code
CME Globex: AEP
CME ClearPort: AEP
Clearing: AEP

Contract Size
25 metric tons

Settlement
Financially Settled

Minimum Price Fluctuation
0.01 per metric ton

Listed Contracts
Monthly contracts listed for the current year and the next 2 calendar years. Monthly contracts for a new calendar year will be added following the termination of trading in the December contract of the current year.

Floating Price
The Floating Price for each contract month shall be equal to the arithmetic average calculated to two decimal places of each daily mid-point of the Metal Bulletin Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot low-high, $/tonne for each day during the contract month published by Metal Bulletin.

Termination of Trading
Trading terminates on the last business day of the contract month.
ALUMINIUM EUROPEAN PREMIUM DUTY-PAID (METAL BULLETIN) FUTURES

Product Code
CME Globex: EDP
CME ClearPort: EDP
Clearing: EDP

Contract Size
25 metric tons

Settlement
Financially Settled

Minimum Price Fluctuation
0.01 per metric ton

Listed Contracts
Monthly contracts listed for the current year and the next 2 calendar years. Monthly contracts for a new calendar year will be added following the termination of trading in the December contract of the current year.

Floating Price
The Floating Price for each contract month shall be equal to the arithmetic average calculated to two decimal places of each twice weekly mid-point of the Metal Bulletin Aluminium P1020A, in-warehouse Rotterdam duty-paid, spot low-high, $/tonne for each day during the contract month published by Metal Bulletin.

Termination of Trading
Trading terminates on the last business day of the contract month.
ALUMINUM JAPAN PREMIUM (PLATTS) FUTURES

Product Code
CME Globex: MJP
CME ClearPort: MJP
Clearing: MJP

Contract Size
25 metric tons

Settlement
Financially Settled

Minimum Price Fluctuation
$0.01 per metric ton

Listed Contracts
Monthly contracts listed for the current year and the next 2 calendar years. Monthly contracts for a new calendar year will be added following the termination of trading in the December contract of the current year.

Floating Price
The Floating Price for each contract month shall be equal to the arithmetic average of the mid-point of the high and low quotations of the “Aluminum CIF Japan Premium ($/mt)” price assessment published in Platts Metal Daily for each day that it is determined during the contract month.

Termination of Trading
Trading terminates on the last business day of the contract month.
ALUMINUM A380 ALLOY (PLATTS) FUTURES

Product Code
CME Globex: A38
CME ClearPort: A38
Clearing: A38

Contract Size
44,092 pounds (equivalent to 20 metric tons)

Settlement
Financially Settled

Minimum Price Fluctuation
$0.00001 per pound

Listed Contracts
Monthly contracts listed for the current year and the next calendar year. Monthly contracts for a new calendar year will be added following the termination of trading in the December contract of the current year.

Floating Price
The Floating Price for each contract month is equal to the average price calculated for all available price assessments published for Aluminum A-380 Alloy, cents/lb. for that given calendar month by S&P Global Platts.

Termination of Trading
Trading terminates on the last business day of the contract month.
ALUMINA FOB AUSTRALIA (PLATTS) FUTURES

Product Code
CME Globex: ALA
CME ClearPort: ALA
Clearing: ALA

Contract Size
100 metric tons

Settlement
Financially Settled

Minimum Price Fluctuation
$0.01 per metric ton

Listed Contracts
Monthly contracts listed for the current year and the next two calendar years. Monthly contracts for a new calendar year will be added following the termination of trading in the December contract of the current year.

Floating Price
The Floating Price for each contract month shall be equal to the arithmetic average calculated to two decimal places of each available daily price Index published for Alumina FOB Australia US$/ metric tons for that given calendar month by S&P Global Platts.

Termination of Trading
Trading terminates on the day of the last index published price of the contract month.
ALUMINA FOB AUSTRALIA (METAL BULLETIN) FUTURES

Product Code
CME Globex: ALB
CME ClearPort: ALB
Clearing: ALB

Contract Size
100 metric tons

Settlement
Financially Settled

Minimum Price Fluctuation
$0.01 per metric ton

Listed Contracts
Monthly contracts listed for the current year and the next two calendar years. Monthly contracts for a new calendar year will be added following the termination of trading in the December contract of the current year.

Floating Price
The Floating Price for each contract month shall be equal to the arithmetic average calculated to two decimal places of each available weekly price Index published for Alumina FOB Australia US$/ metric tons for that given calendar month by Metal Bulletin.

Termination of Trading
Trading terminates on the day of the last index published price of the contract month.
COPPER OPTIONS

Product Code
CME Globex: HXE
CME ClearPort: HX
Clearing: HX

Contract Unit
One COMEX Copper futures contract

Minimum Price Fluctuation
$0.0005 per pound

Listed Contracts
Nearest 22 consecutive months

Exercise Style
American

Termination of Trading
Expiration occurs four business days prior to the end of the month preceding the option contract month. If the expiration day falls on a Friday or immediately prior to an Exchange holiday, expiration will occur on the previous business day.

Strike Prices/Strike Price Intervals
Transactions shall be conducted for option contracts as set forth in Rule 300.20.

Settlement
Deliverable

Underlying
Copper Futures

Exercise Month for Options
cmegroup.com/trading/metals/files/PM236_Metals_Option_Exercise.pdf
COPPER WEEKLY OPTIONS

Product Code
CME Globex: H1E-H5E
CME ClearPort: H1E-H5E
Clearing: H1E-H5E

Contract Unit
25,000 pounds

Minimum Price Fluctuation
$0.0005 per pound

Listed Contracts
Four weekly expirations (Friday)

Exercise Style
American

Termination of Trading
Options expire on Friday. If the Friday of the listing is a scheduled Exchange holiday, the option shall terminate on the first Business Day immediately preceding the Friday. However, if the first Business Day immediately preceding the Friday is the expiration of a Copper monthly option, the weekly option shall not be listed for trading.

Strike Prices/Strike Price Intervals
Transactions shall be conducted for option contracts as set forth in Rule 300.20.

Settlement
Deliverable

Underlying
Copper Futures
COPPER AVERAGE PRICE OPTIONS

**Product Code**
- CME Globex: CAP
- CME ClearPort: CAP
- Clearing: CAP

**Contract Unit**
25,000 pounds

**Minimum Price Fluctuation**
$0.0001 per pound

**Listed Contracts**
23 consecutive months for which a COMEX Copper Financial Futures contract is listed

**Exercise Style**
European-style option cash settled only on expiration day

**Termination of Trading**
Expiration occurs at the close of trading on the last business day of the contract month.

**Strike Prices/Strike Price Intervals**
Transactions shall be conducted for option contracts as set forth in Rule 300.20.

**Settlement**
Financial

**Underlying**
Copper Financial Futures
ALUMINUM MW U.S. TRANSACTION PREMIUM PLATTS (25MT) AVERAGE PRICE OPTION

**Product Code**
CME Globex: ALO  
CME ClearPort: ALO  
Clearing: ALO

**Contract Unit**
55,116 pounds

**Minimum Price Fluctuation**
$0.00001 per pound

**Listed Contracts**
60 consecutive months

**Exercise Style**
European-style option cash settled only on expiration day

**Termination of Trading**
Expiration occurs at the close of trading on the last business day of the contract month.

**Strike Prices/Strike Price Intervals**
Transactions shall be conducted for option contracts as set forth in Rule 300.20.

**Settlement**
Financial

**Underlying**
Aluminum MW U.S. Transaction Premium Platts (25MT) Futures
Metals

FERROUS METALS FUTURES AND OPTIONS CONTRACTS

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IRON ORE 62% Fe, CFR CHINA (TSI) FUTURES

Product Code
CME Globex: TIO
CME ClearPort: TIO
Clearing: TIO

Contract Size
500 dry metric tons

Settlement
Financially Settled

Minimum Price Fluctuation
$0.01 per dry metric ton

Listed Contracts
Monthly contracts listed for the current year and the next 3 calendar years. Monthly contracts for a new calendar year will be added following the termination of trading in the December contract of the current year.

Floating Price
The floating price for each contract month is equal to the average price calculated for all available price assessments published for "Iron ore fines 62% Fe - CFR China Port" for that given calendar month by The Steel Index.

Termination of Trading
Trading terminates on the last business day of the contract month. Business days are based on the Singapore Public Holiday calendar. If the last business day of the contract month is a Singapore Public Holiday, the last trade date will be the business day immediately preceding the holiday.
IRON ORE 58% FE, LOW ALUMINA, CFR CHINA (TSI) FUTURES

Product Code
CME Globex: TIC
CME ClearPort: TIC
Clearing: TIC

Contract Size
500 dry metric ton

Settlement
Financially Settled

Minimum Price Fluctuation
$0.01 per dry metric ton

Listed Contracts
Monthly contracts listed for the current year and the next two years

Floating Price
The Floating Price for each contract month is equal to the arithmetic average of all available price assessments published for Iron ore fines 58% Fe, low alumina – CFR China in the given calendar month by The Steel Index.

Termination of Trading
Trading shall cease on the last business day of the contract month. If the last business day of the contract month is a Singapore Public holiday, the last trade date will be the business day immediately preceding the holiday.
U.S. MIDWEST DOMESTIC HOT-ROLLED COIL STEEL (CRU) INDEX FUTURES

Product Code
CME Globex: HRC
CME ClearPort: HR
Clearing: HR

Contract Size
20 short tons

Settlement
Financially Settled

Minimum Price Fluctuation
$1.00 per short ton

Listed Contracts
Current year plus the next three calendar years

Floating Price
The floating price for each contract month is equal to the average price calculated for all available price assessments published for that given month by the CRU U.S. Midwest Domestic Hot-Rolled Coil Steel Index.

Termination of Trading
Trading terminates on the business day prior to the last Wednesday of the named contract month.
U.S. MIDWEST #1 BUSHELING FERROUS SCRAP (AMM) FUTURES

Product Code
CME Globex: BUS
CME ClearPort: BUS
Clearing: BUS

Contract Size
20 gross tons

Settlement
Financially Settled

Minimum Price Fluctuation
$0.01 per gross ton

Listed Contracts
24 consecutive months

Floating Price
The Floating Price for each contract month is equal to the price assessment published on the 10th of that given calendar month for the U.S. Midwest Busheling Ferrous Scrap by AMM. If 10th falls into a holiday or weekend, the price will settle on the immediately following business day.

Termination of Trading
10th of the month, if 10th is a holiday/weekend, it will settle on the immediate following business day.
HMS 80/20 FERROUS SCRAP, CFR TURKEY (PLATTS TSI) FUTURES

Product Code
CME Globex: FSF
CME ClearPort: FSF
Clearing: FSF

Contract Size
10 metric tons

Settlement
Financially Settled

Minimum Price Fluctuation
$0.01 per metric ton

Listed Contracts
Trading is conducted in 24 consecutive months.

Floating Price
The Floating Price for each contract month is equal to the average price calculated for all available price assessments published for “Platts TSI HMS 1 & 2 (80:20) CFR Turkey” for that given calendar month by Platts.

Termination of Trading
Trading terminates on the last business day of the contract month (follows the UK banking holiday schedule).
IRON ORE 62% Fe, CFR CHINA (TSI) AVERAGE PRICE OPTIONS

**Product Code**
CME Globex: ICT
CME ClearPort: ICT
Clearing: ICT

**Contract Unit**
One Iron Ore 62% Fe, CFR China (TSI) Futures

**Minimum Price Fluctuation**
$0.01 per dry metric ton

**Listed Contracts**
Monthly contracts for a new calendar year will be added following the termination of trading in the December contract of the current year.

**Exercise Style**
European

**Termination of Trading**
Trading terminates on the last business day of the contract month. Business days are based on the Singapore Public Holiday calendar. If the last business day of the contract month is a Singapore public holiday, the last trade date will be the business day immediately preceding the holiday.

**Strike Prices/Strike Price Intervals**
Transactions shall be conducted for option contracts as set forth in Rule 300.20.

**Settlement**
Financial

**Underlying**
Iron Ore 62% Fe, CFR China (TSI) Futures
U.S. MIDWEST DOMESTIC HOT-ROLLED COIL STEEL (CRU) INDEX AVERAGE PRICE OPTIONS

Product Code
CME Globex: HRO
CME ClearPort: HRO
Clearing: HRO

Contract Unit
U.S. Midwest Domestic Hot-Rolled Coil Steel Index Futures

Minimum Price Fluctuation
$0.25 per ton

Listed Contracts
Monthly contracts listed for the current year and the next 2 calendar years. Monthly contracts for a new calendar year will be added following the termination of trading in the December contract of the current year.

Exercise Style
European

Termination of Trading
Trading terminates on the business day prior to the last Wednesday of the named contract month.

Strike Prices/Strike Price Intervals
Transactions shall be conducted for option contracts as set forth in Rule 300.20.

Settlement
Financial

Underlying
U.S. Midwest Domestic Hot-Rolled Coil Steel (CRU) Index Futures
Metals

OTHER METALS FUTURES AND OPTIONS CONTRACTS

UxC Uranium U3O8 Futures (UX)................................................................................................................. 60
Metals

OTHER METALS FUTURES AND OPTIONS CONTRACTS

UXC URANIUM U3O8 FUTURES

Product Code
CME Globex: UX
CME ClearPort: UX
Clearing: UX

Contract Size
250 pounds of U3O8

Settlement
Financially Settled

Minimum Price Fluctuation
$0.05 per pound

Listed Contracts
Trading is conducted in 60 consecutive months.

Floating Price
The Floating Price for each contract month will be the month-end spot U3O8 price published in Ux Weekly for the contract month by UxC, LLC. The procedures for trading, clearing and cash settlement of this contract, and any other matters not specifically covered herein shall be governed by the general rules of the Exchange.

Termination of Trading
Trading shall terminate on the last Monday of the contract month that is a business day.
Overview of Physical Delivery Process

For most CME Group physically delivered contracts, delivery may take place on any business day in the contract month beginning on the first business day of the delivery month, but not later than the last business day of the current delivery month. The Gold Kilo futures has a single delivery day – the third Wednesday of the delivery month. Delivery is the transfer of electronic warrants and funds in Clearing. Deliveries across the delivery month occur with a 3-business day cycle: Intent Day, Notice Day and Delivery Day. On Last Intent Day, the cycle is a 2-business day cycle: Intent/Notice Day and Delivery Day.

Position holders need to be cognizant of applicable position limits for each futures contract in the delivery month.

1. Establish a position in a futures contract month (e.g. Jun-19 Gold Futures)
   - Long Position = Take Delivery of a warrant
   - Short Position = Make Delivery of a warrant

2. Short position holders move the product to an Exchange-approved facility.
   - For Gold Futures, Gold Kilo Futures, Platinum Futures and Palladium Futures, only approved carriers may be used for the transportation of the product. Exchange rules require transportation to be directly from the refiner facility, or from an approved assayer, or from another Exchange-approved facility.
   - Short position holders register inventory they wish to deliver against their futures positions through their clearing firms (or broker). Warrants are created by the approved facility during the registration process.
   - Customers are responsible for transport costs and storage fees for their inventory at an approved facility.

3. As the delivery window commences, short position holders are required to initiate delivery intentions through their respective clearing firms. Delivery Intents must be submitted to CME Clearing by the last Intent Day for that delivery month.
   - On Intent Day, all assignments for deliveries are conducted by CME Clearing.
   - On Notice Day, all assignments for deliveries are conducted by CME Clearing.
   - On Delivery Day, Longs receive warrants and Shorts receive funds.
   - After the delivery process, Longs may choose to remove product from facility (i.e., cancel warrants).
3 Business Day Delivery Cycle Example:

GOLD FUTURES

<table>
<thead>
<tr>
<th>THU</th>
<th>FRI</th>
<th>SAT</th>
<th>SUN</th>
<th>MON</th>
<th>TUE</th>
<th>WED</th>
<th>THU</th>
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</thead>
</table>

Intent Day
Seller submits delivery intents through their clearing firm. Delivery intents need to be entered in Clearing by short position holders by 7:00 p.m. NY Time on intent day, except that on last intent day, it needs to be sent by 1:00 p.m. CME Clearing runs the delivery assignment.

Notice Day
Assignment notifications and invoices sent to long and short position holders.

Delivery Day
Deliveries will occur during the morning of the collection cycle. The seller receives the funds and the assigned buyer receives warrants.

Benchmark Metals Products

ACTIVE MONTH TABLE

<table>
<thead>
<tr>
<th>Products</th>
<th>Gold</th>
<th>Silver</th>
<th>Platinum</th>
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<th>Copper</th>
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<tr>
<td>Product Code</td>
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<td>5,000 troy oz.</td>
<td>50 troy oz.</td>
<td>100 troy oz.</td>
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## Base Metal Warehouse Locations

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<thead>
<tr>
<th>Location</th>
<th>Copper</th>
<th>Aluminum</th>
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<td><strong>Asia</strong></td>
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<td>Busan, South Korea</td>
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# Precious Metals Depositories

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# Metals Options Exercise Months

**FUTURES CONTRACT INTO WHICH THE OPTIONS CONTRACT EXERCISES**

<table>
<thead>
<tr>
<th>Option Contract Month</th>
<th>Gold Futures Month for OG Options</th>
<th>Silver Futures Month for SO Options</th>
<th>Copper Futures Month for HX Options</th>
<th>Platinum Futures Month for PO Options</th>
<th>Palladium Futures Month for PAO Options</th>
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</table>

**AUTOMATIC EXERCISE BASIS THE FUTURES SETTLEMENT PRICE ON EXPIRY DATE SHALL BE:**

- Gold .................. 12:30 CT; 1:30 ET
- Silver .................. 12:25 CT; 1:25 ET
- Platinum ............. 12:05 CT; 1:05 ET
- Palladium .......... 12:00 CT; 1:00 ET
- Copper ............. 12:00 CT; 1:00 ET
Useful Links

Trading Hours
cmegroup.com/trading-hours.html#metals

Rulebooks
cmegroup.com/rulebook/NYMEX/
cmegroup.com/rulebook/COMEX/

Broker Directory
cmegroup.com/tools-information/find-a-broker.html

Block Trades
cmegroup.com/clearing/trading-practices/block-trades.html#nymexComexProducts

Performance Bond Requirements
cmegroup.com/clearing/margins/outright-vol-scans.html#pageNumber=1&sortField=exchang&sortAsc=true

Warehouse/Depository Stocks and Deliveries
cmegroup.com/clearing/operations-and-deliveries/nymex-delivery-notices.html

Warrant Line-Up Report
cmegroup.com/market-data/reports/warrant-line-up-report.xls

Service Providers and Storage Fees (approved facilities, brands, assayers, and carriers)
cmegroup.com/rulebook/files/service-providers.xls

QuikStrike Option Pricing & Analysis Tool
cmegroup.com/tools-information/quikstrike.html

The Commitments of Traders (COT) tool
cmegroup.com/tools-information/quikstrike/commitment-of-traders-metals.html
Metals Futures and Options

2019 CALENDAR

A month-by-month guide to 2019 contract expiration dates and CME Group holidays.

Please note: 2019 dates are subject to change.
<table>
<thead>
<tr>
<th>SUN</th>
<th>MON</th>
<th>TUE</th>
<th>WED</th>
<th>THU</th>
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</tbody>
</table>

- **January 2019**
- **MONTH CODE: F**

**Information from public sources. CME Group is not responsible for its accuracy or any changes.**

- **CME Group Holiday**
- **Last Trade Date**
March 2019

Information from public sources. CME Group is not responsible for its accuracy or any changes.

- CME Group Holiday
- Last Trade Date
<table>
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**April 2019**

- **CME Group Holiday**
- **Last Trade Date**

Information from public sources. CME Group is not responsible for its accuracy or any changes.
May 2019

<table>
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</tbody>
</table>

- **PO, PAO** – Jun 19
- **GC, SI, HG, PL, PA** – Jun 19
- **Memorial Day**

Information from public sources. CME Group is not responsible for its accuracy or any changes.

- **CME Group Holiday**
- **Last Trade Date**
June 2019

SUN SAT MON TUE WED THU FRI

1. CME Group Holiday
2. Last Trade Date

Information from public sources. CME Group is not responsible for its accuracy or any changes.
## July 2019

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- **CME Group Holiday**
- **Last Trade Date**

Information from public sources. CME Group is not responsible for its accuracy or any changes.
## August 2019

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Information from public sources. CME Group is not responsible for its accuracy or any changes.

- ✶ CME Group Holiday
- ▼ Last Trade Date
September 2019

1  2  3  4  5  6  7
   Labor Day

8  9  10  11  12  13  14

15 16  17  18  19  20  21
  PO, PAO
  – Oct 19

22 23  24  25  26  27  28
  OG, SO, HX
  – Oct 19
  GC, SI, HG,
  PL, PA
  – Oct 19

29 30

MONTH CODE: U

Information from public sources. CME Group is not responsible for its accuracy or any changes.

- CME Group Holiday
- Last Trade Date
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- **PO, PAO** – Nov 19
- **OG, SO, HX** – Nov 19
- **GC, SI, HG, PL, PA** – Nov 19

Information from public sources. CME Group is not responsible for its accuracy or any changes.

- CME Group Holiday
- Last Trade Date
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- **PO, PAO** – Dec 19
- **OG, SO, HX** – Dec 19
- **GC, SI, HG, PL, PA** – Dec 19
- **Thanksgiving**

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- **CME Group Holiday**
- **Last Trade Date**
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- **CME Group Holiday**
- **Last Trade Date**
Contact Information

CME GROUP GLOBAL METALS TEAM

For more information, email the CME Group Metals team at metals@cmegroup.com. For more information on our CME Group Metals offering, visit cmegroup.com/metals.

CME GLOBEX CONTROL CENTER

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