

# TOPIX Futures

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## TOPIX Futures Daily Settlement Procedure

### Normal Daily Settlement Procedure

Daily settlements of the CME Equity Index futures E-mini Nasdaq 100 (NQ), Micro E-mini Nasdaq (MNQ), E-mini Dow (YM), Micro E-mini Dow (MYM), E-mini Russell 2000 (RTY), Micro E-mini Russell 2000 (M2K), Nikkei Yen (NIY), Nikkei Dollar (NKD), E-mini Nikkei Yen (ENY) and TOPIX (TPY) are determined by CME Group staff based on trading and market activity on CME Globex. Daily settlement of the Micro contracts are equal to the settlement price of their associated Mini contracts.

#### Lead Month

The lead month is the anchor leg for settlements and is the contract expected to be the most active.

**Tier 1:** If the lead month contract trades on Globex between 14:59:30 and 15:00:00 Central Time (CT), the settlement period, then the lead month settles to the volume-weighted average price (VWAP) of the trade(s) during this period.

**Tier 2:** If no trades in the lead month occur on Globex between 14:59:30 and 15:00:00 CT, then the contract month settles to the midpoint of the Bid/Ask between 14:59:30 and 15:00:00 CT, the settlement period.

**Tier 3:** If a two-sided market is not available on Globex during the closing period, then the cash index will be used in the following Carry calculation to derive a settlement price.

**Index price + [(Days to expiration/ 365) x Interest rate x Index price]**

#### Second Month

When the lead month is the expiry month, then the second month is defined as the calendar month immediately following the lead month. When the lead month is not the expiry month, then the second month is defined as the first expiring non-lead month.

**Tier 1:** If the lead month-second month spread trades on Globex between 14:59:30 and 15:00:00 CT, then the spread VWAP is calculated, rounded to the spread's nearest tradable tick and then applied to the lead month settle to derive the second month settle.

**Tier 2:** If there are no spread trades on Globex between 14:59:30 and 15:00:00 CT, then the last spread trade price is applied to the lead month settle to derive the second month settle.

If the last spread trade is outside of the spread's Bid/ Ask, then the bid or ask price that is closer to the last spread trade is applied to the lead month settle to derive the second month settle.

**Tier 3:** If there is no spread market information available on Globex, then the cash index will be used in the following Carry calculation to derive a settlement price

**Index price + [(Days to expiration/ 365) x Interest rate x Index price]**

#### Back Months

To derive settlements for all remaining months, the following Carry calculation will be used to derive a settlement prices provided that this value does not violate the bid or ask between 14:59:30 and 15:00:00 CT for the respective outrights.

**Index price + [(Days to expiration/ 365) x Interest rate x Index price]**

#### Note

The Index Price used in the Carry calculation in this methodology, for futures that settle at a different time than their underlying Cash Equity Index, will be a 'Synthetic' Index price. This 'Synthetic' price will be derived by taking the Lead month futures contract minus the Cash Index at the cash close to calculate a Basis. At the futures settlement time, the Lead Month settlement minus the Basis will equal the 'Synthetic' Index price. The Interest Rate component used in the Carry calculation in this methodology is derived by subtracting expected dividends from a normalized interest rate curve.

### End of Month Fair Value Procedure

<http://www.cmegroup.com/trading/equity-index/fairvaluefaq.html>

If you have any questions, please call the [CME Global Command Center](#).

**Note:** In the event the aforementioned calculations described in this advisory cannot be made or if CME Group staff, in its sole discretion, determines that anomalous activity yields results that are not representative of the fair value of the contract, the staff may determine an alternative settlement price.